



Matthew G. Bevin
Governor

**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

November 7, 2018

CALL NO. 100
CONTRACT ID NO. 181046
ADDENDUM # 1

Subject: WARREN-BUTLER-DAVIESS-OHIO COUNTIES, NHPP 0031(020)
Letting November 16, 2018

- (1) Revised - Estimate of Quantities Summary Sheets - Pages 18 and 22 of 223
- (2) Revised - Corridor Sheets - Pages 59-60, 62-64, and 112-113 of 223
- (3) Revised - Panel Sign Detail Sheets - Pages 119, 122-124, and 159-160 of 223
- (4) Revised - Proposal Bid Items - Page 223 of 223

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

ESTIMATE OF QUANTITIES

ITEM	CODE NUMBER	UNIT	I-165	I-65	US-231	OTHER	TOTALS
			QUANTITY				
GROUND MOUNTED SIGN SUPPORTS							
① TYPE A	6400	LBS	3360	0	0		3360
① TYPE C	6441	LBS	33639	3699	3452		40790
FOOTINGS FOR SIGNS							
CONCRETE - CLASS "A" FOR SIGNS	6490	CUYD	144	10	11		165
REINFORCEMENT STEEL	6491	LBS	5029	399	686		6114
SIGN BASE MATERIAL							
ALUMINUM							
⑮ ② PANEL SIGNS	6405	SQFT	6730	3294	2361		12385
③ SHEETING SIGNS							
⑰ 0.080 GAUGE	6406	SQFT	0	0	95	90	185
0.125 GAUGE	6407	SQFT	427	0	0		427
STEEL POST ④⑤							
TYPE I	6410	LF	398	0	0		398
⑥ TYPE D	21596ND	EACH	0	0	2		2
⑦ STEEL POST MILE MARKERS	6412	EACH	38	0	0		38
MISCELLANEOUS ITEMS							
DELINATOR FOR GR MONO YELLOW	1983	EACH	0	0	0		0
GUARDRAIL-STEEL W BEAM-S FACE	2351	LF	0	0	0		0
GUARDRAIL END TREATMENT TY 1	2367	EACH	0	0	0		0
GUARDRAIL END TREATMENT TY 2A	2369	EACH	0	0	0		0
⑰ MAINTAIN AND CONTROL TRAFFIC	2650	LS					1
DEMOBILIZATION	2569	LS					1
⑰ SIGN OVERLAY	25002EC	SQFT	437	147	0		584
⑪ ROADWAY CROSS SECTION	20419ND	EACH	24	13	6		43
⑩ BARCODE SIGN INVENTORY	24631EC	EACH	89	13	6		108
⑫ REMOVE SIGN SUPPORT BEAMS	6451	EACH	43	0	0		43
⑭ REMOVE AND RELOCATE SIGN	20418ED	EACH	5	0	0		5
⑬ REMOVE SIGN	21373ND	EACH	27	12	0		39
REM SIGN BRIDGE MOUNT ATTACHMT	23639ED	EACH	2	2	0		4
SIGN BRIDGE ATTACHMENT BRACKET	6448	EACH	1	2	0		3
OSS ALUMINUM 55 FT TRUSS	6420	EACH	0	0	0		0

NOTES :

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| <p>(1) PAYMENT FOR GROUND MOUNTED SIGN SUPPORTS TYPE A AND TYPE C SHALL BE BASED ON THE NOMINAL WEIGHT OF THE BEAMS. THE NECESSARY GALVANIZING, HARDWARE, ETC. IS TO BE CONSIDERED INCIDENTAL. QUANTITIES FOR THE TYPE C SUPPORTS SHALL INCLUDE ALL NECESSARY HARDWARE TO FORM COMPLETE BREAK-AWAY BEAMS. SEE PANEL SIGN DETAIL SHEET.</p> <p>(2) QUANTITY SHALL INCLUDE ALL COPY AND HARDWARE NECESSARY TO FORM COMPLETE SIGNS. NO DEDUCTION IN AREA IS TO BE MADE FOR ROUND OF CORNERS.</p> <p>(3) WITH PERMISSION OF THE ENGINEER, SHEETING SIGNS ON THE RAMPS AND SIDE ROADS MAY BE MOVED TO BE COMPATIBLE WITH THE EXISTING SIGNS.</p> <p>(4) QUANTITY IS ESTIMATED. THE EXACT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.</p> <p>(5) WHERE REQUIRED, BRACING FOR SHEETING SIGNS SHALL BE INCIDENTAL TO STEEL POST. SEE SHEETING SIGN DETAIL SHEET.</p> <p>(6) QUANTITY SHALL INCLUDE ALL MATERIAL NECESSARY TO FORM A COMPLETE BREAK-AWAY ASSEMBLY. TYPE I POSTS AND CONCRETE SHALL BE PAID SEPARATELY. SEE SHEETING SIGN DETAIL SHEET.</p> <p>(7) QUANTITY SHALL INCLUDE POST.</p> <p>(8) ALL MATERIALS REMOVED AND NOT REUSED, SUCH AS SIGNS, SIGN LIGHTS, SIGN SUPPORTS, ETC. SHALL BECOME THE PROPERTY OF THE CONTRACTOR.</p> <p>(9) THE REMOVAL OF ALL TYPE I OR TYPE II POSTS AND ALL SHEETING SIGNS SHALL BE INCIDENTAL TO THE PROJECT WITH NO ADDITIONAL PAYMENT BEING ALLOWED. ALL MATERIAL SHALL BE STORED IN ACCORDANCE WITH NOTE (8) ABOVE.</p> | <p>(10) FOR SHEETING SIGNS. SEE SPECIAL NOTE IN KYTC PROPOSAL AND SHEET T2.</p> <p>(11) THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AT THE PANEL SIGN LOCATION. A CROSS SECTION SHALL BE DEVELOPED TO VERIFY BEAM LENGTHS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. BEAM LENGTHS SHOWN IN THE PLANS ARE FOR INFORMATION ONLY.</p> <p>(12) WHERE THE REMOVAL OF BEAM SIGN SUPPORTS IS CALLED FOR, THE BEAM AND ANY CONCRETE PROJECTING ABOVE THE GROUND LINE ARE TO BE CUT OFF A MINIMUM OF ONE FOOT (1') BELOW EXISTING GROUND LINE OR THE ENTIRE BEAM AND CONCRETE BASE ARE TO BE REMOVED COMPLETELY AND BACKFILLED TO EXISTING GROUND LINE.</p> <p>(13) FOR PANEL SIGNS. REMOVAL OF PANEL SIGN WITH EXIT PLAQUE SHALL BE COUNTED AS REMOVAL OF ONE SIGN.</p> <p>(14) QTY IS FOR REMOVING EXISTING PANEL OR SIGN AND RELOCATING ON NEW BEAMS OR POSTS. BEAMS ARE PAID FOR SEPARATELY. REMOVED SIGNS SHALL BE STORED OUT OF THE WEATHER UNTIL REINSTALLED ON NEW BEAMS OR POSTS.</p> <p>(15) WHEN PANEL SIGNS ARE MOUNTED ON EXISTING TRUSSES, ALL W-BARS AND ALL OTHER HARDWARE NECESSARY FOR ATTACHING THE NEW PANEL SIGN ON THE EXISTING TRUSS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PANEL SIGN.</p> <p>(16) QUANTITY SHALL INCLUDE ALL W-BARS AND ALL HARDWARE NECESSARY FOR ATTACHING SIGNS TO SUPPORTS.</p> <p>(17) SEE GENERAL NOTES</p> |
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**ESTIMATE OF QUANTITIES
SUMMARY SHEET**

PROJECT TOTALS

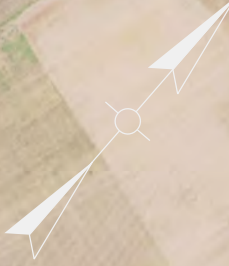
ITEM	CODE NUMBER	UNIT	WARREN COUNTY	BUTLER COUNTY	OHIO COUNTY	DAVISS COUNTY	PROJECT TOTALS
			QUANTITY				
GROUND MOUNTED SIGN SUPPORTS							
① TYPE A	6400	LBS	3360	14730	17240	11098	46428
① TYPE C	6441	LBS	40790	9631	10591	4771	65783
FOOTINGS FOR SIGNS							
CONCRETE - CLASS "A" FOR SIGNS	6490	CUYD	165	74	86	76	401
REINFORCEMENT STEEL	6491	LBS	6114	1478	1870	2190	11652
SIGN BASE MATERIAL							
ALUMINUM							
⑮ ② PANEL SIGNS	6405	SQFT	12385	5699	8827	4684	31595
③ SHEETING SIGNS							
⑰ 0.080 GAUGE	6406	SQFT	185	225	85	170	665
0.125 GAUGE	6407	SQFT	427	283	70	40	820
STEEL POST ④⑤							
TYPE I	6410	LF	398	218	115	63	794
⑥ TYPE D	21596ND	EACH	2	0	0	0	2
⑦ STEEL POST MILE MARKERS	6412	EACH	38	34	48	22	142
MISCELLANEOUS ITEMS							
DELINATOR FOR GR MONO YELLOW	1983	EACH	0	0	0	4	4
GUARDRAIL-STEEL W BEAM-S FACE	2351	LF	0	0	0	300	300
GUARDRAIL END TREATMENT TY 1	2367	EACH	0	0	0	2	2
GUARDRAIL END TREATMENT TY 2A	2369	EACH	0	0	0	2	2
⑰ MAINTAIN AND CONTROL TRAFFIC	2650	LS					1
DEMobilIZATION	2569	LS					1
⑰ SIGN OVERLAY	25002EC	SQFT	584	385	248	100	1317
⑪ ROADWAY CROSS SECTION	20419ND	EACH	43	10	29	17	99
⑩ BARCODE SIGN INVENTORY	24631EC	EACH	108	90	54	27	279
⑫ REMOVE SIGN SUPPORT BEAMS	6451	EACH	43	21	36	16	116
⑭ REMOVE AND RELOCATE SIGN	20418ED	EACH	5	1	3	0	9
⑬ REMOVE SIGN	21373ND	EACH	39	25	37	22	123
REM SIGN BRIDGE MOUNT ATTACHMT	23639ED	EACH	4	0	2	5	11
SIGN BRIDGE ATTACHMENT BRACKET	6448	EACH	3	0	2	5	10
OSS ALUMINUM 55 FT TRUSS	6420	EACH	0	0	0	1	1

NOTES :

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- (17) SEE GENERAL NOTES

ESTIMATE OF QUANTITIES
SUMMARY SHEET

MATCHLINE (SEE SHEET 4)



P-10
I-65 SPUR NB
EXIT 6 - FOOD
EX. M.P. 2.52
REMOVE & RELOCATE EX.
PANEL SIGN, REMOVE 2-I BEAM
POSTS & GROUND SUPPORTS
CONSTRUCT RELOCATED PANEL
SIGN WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'
M.P. 2.50

EXIT 3

31W
Bowling Green
1 MILE

P-9
I-65 SPUR NB
EX. M.P. 2.33
REMOVE EX. PANEL SIGN
WITH 3- I BEAM POSTS
& GROUND SUPPORTS
M.P. 2.30
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS &
GROUND SUPPORTS TYPE 'C'

EXITS 1B-A

INTERSTATE 65
Nashville
Louisville
2 MILES

P-8
I-65 SPUR SB
EX. M.P. 2.00
REMOVE EXISTING
PANEL SIGN
CONSTRUCT PANEL SIGN
ON EXISTING POSTS

MP 2

WILLIAM H. NATCHER PARKWAY

ELROD ROAD

MATCHLINE (SEE SHEET 2)

SCALE: 1" = 500'

NATCHER PARKWAY
MP 1.6 - MP 2.5
CORRIDOR SHEET (5 OF 59)

DATE: \$\$\$SDATE\$\$\$\$

MATCHLINE (SEE SHEET 5)



S-11B
I-65 SPUR SB
SOUTH WILLIAM H. NATCHER PARKWAY
EX. M.P. 3.33
REMOVE EX. SHEET SIGN
WITH 2-TYPE 1 POSTS
CONSTRUCT SHEET SIGN
WITH 2-TYPE 1 POSTS

WILLIAM H. NATCHER PARKWAY

MP 3

P-14
I-65 SPUR NB
EX. M.P. 3.36
REMOVE EX. PANEL SIGN
WITH 3-I BEAM POSTS
& GROUNDS SUPPORTS
M.P. 3.30
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

P-13
I-65 SPUR NB
EXIT 6 - GAS/LODGING
EX. M.P. 2.93
REMOVE & RELOCATE EX.
PANEL SIGN, REMOVE 2-I BEAM
POSTS & GROUND SUPPORTS
CONSTRUCT RELOCATED PANEL
SIGN WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'
M.P. 3.01

P-12
I-65 SPUR NB
M.P. 2.80
CONSTRUCT PANEL SIGN
WITH 3-I BEAM POSTS &
GROUND SUPPORTS TYPE 'C'

P-11
I-65 SPUR NB
EXIT 6 - FOOD
EX. M.P. 2.71
REMOVE & RELOCATE EX.
PANEL SIGN, REMOVE 2-I BEAM
POSTS & GROUND SUPPORTS
CONSTRUCT RELOCATED PANEL
SIGN WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'
M.P. 2.65



EXIT 3

EXIT 3

MATCHLINE (SEE SHEET 3)

SCALE: 1" = 500'
NATCHER PARKWAY
MP 2.5 - MP 3.4
CORRIDOR SHEET (6 OF 59)

DATE: 8/8/2018 10:58:58

MATCHLINE (SEE SHEET 7)

EXIT 3

31W

**Bowling Green
Franklin**

1 MILE

P-23
I-65 SPUR SB
M.P. 5.08
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS &
GROUND SUPPORTS TYPE 'A'

US 68
I-165 SHIELD
WB APPROX. M.P. 8.35
WB APPROX. M.P. 8.28
WB APPROX. M.P. 8.17
EB APPROX. M.P. 7.94
EB APPROX. M.P. 7.99
EB APPROX. M.P. 8.04
EB APPROX. M.P. 8.11
REMOVE EX. NATCHER PKWY SIGNS
CONSTRUCT I-165 SHIELD
SHEETS ON EX. POSTS

EXIT 5

S-24 & S-25
I-65 SPUR
EX. M.P. 4.78 NB
EX. M.P. 5.22 SB
REMOVE EXISTING GORE SIGNS
CONSTRUCT SHEET SIGNS
ON EXISTING POSTS

**SOUTH
INTERSTATE
165**

MP 5

S-17A
I-65 SPUR NB
NORTH WILLIAM H. NATCHER PARKWAY
EX. M.P. 4.63
REMOVE EX. SHEET SIGN
WITH 2-TYPE 1 POSTS
CONSTRUCT SHEET SIGN
WITH 2-TYPE 1 POSTS

EXIT 5

68

**Russellville
Bowling Green**

EXIT 3

31W

**Bowling Green
Franklin**

3/4 MILE

P-22
I-65 SPUR NB
EX. M.P. 4.53
REMOVE EX. PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS
M.P. 4.61
CONSTRUCT PANEL SIGN
WITH 3-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

P-21
I-65 SPUR SB
EX. M.P. 4.50
REMOVE EX. PANEL SIGN
CONSTRUCT PANEL
SIGN ON EXISTING POSTS

**Chaney's
Dairy Barn**

Lost River Cave

EXIT 3

P-13A
I-65 SPUR NB
EXIT 7 - FOOD/ATTRACTIONS
EX. M.P. 4.10
REMOVE & RELOCATE EX.
PANEL SIGN, REMOVE 2-I BEAM
POSTS & GROUND SUPPORTS
CONSTRUCT RELOCATED PANEL
SIGN WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'
M.P. 4.41

P-20
I-65 SPUR SB
EX. M.P. 4.35
CHANGE EXIT NUMBER
TO EXIT 3

MATCHLINE (SEE SHEET 5)

SCALE: 1" = 500'
NATCHER PARKWAY
MP 4.3 - MP 5.2
CORRIDOR SHEET (8 OF 59)

DATE: 8/8/2018 10:58:58

MATCHLINE (SEE SHEET 8)

**Shaker Museum
At South Union**

**Western Kentucky
University
EXIT 5**

P-26
I-65 SPUR SB
EX. M.P. 5.92
REMOVE EX. PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS
M.P. 6.05
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

EXIT 5

68
**Bowling Green
Russellville**
1/2 MILE

P-25
I-65 SPUR SB
EX. M.P. 5.44
REMOVE EX. PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS
M.P. 5.90
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

EXIT 5

68
**Bowling Green
Russellville**
↑

P-24
I-65 SPUR SB
STA. M.P. 5.35
CONSTRUCT PANEL SIGN
WITH 3-I BEAM POSTS &
GROUND SUPPORTS TYPE 'C'

WILLIAM H. NATCHER PARKWAY

MP 6

6.1

5.9

5.8

5.7

5.6

5.5

5.4

5.3

5.2

I-65 SPUR NB
BOWLING GREEN 2 MILES
EX. M.P. 5.55
REMOVE EX. PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS



S-26A
I-65 SPUR NB
BRIDGE FREEZES BEFORE ROAD
EX. M.P. 5.33
REMOVE & RELOCATE EX.
SHEET SIGN, REMOVE
2-TYPE 1 POSTS
CONSTRUCT RELOCATED SHEET
SIGN WITH 2-TYPE 1 POSTS
M.P. 5.31

S-26
I-65 SPUR NB
NORTH WILLIAM H. NATCHER PARKWAY
EX. M.P. 5.27
REMOVE EX. SHEET SIGN
WITH 2-TYPE 1 POSTS
CONSTRUCT SHEET SIGN
WITH 2-TYPE 1 POSTS



SCALE: 1" = 500'

**NATCHER PARKWAY
MP 5.2 - MP 6.1
CORRIDOR SHEET (9 OF 59)**

MATCHLINE (SEE SHEET 6)

DATE: 8/8/2018 10:58:58 AM

MATCHLINE (SEE SHEET 9)

MP 7

P-30
I-65 SPUR SB
EXIT 7 - FOOD/ATTRACTIONS
EX. M.P. 6.48
REMOVE & RELOCATE EX.
PANEL SIGN, REMOVE 2-I BEAM
POSTS & GROUND SUPPORTS
CONSTRUCT RELOCATED PANEL
SIGN WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'
M.P. 6.56

P-31
I-65 SPUR NB
EX. M.P. 7.05
REMOVE EX. PANEL SIGN
WITH 3-I BEAM POSTS
& GROUND SUPPORTS
M.P. 6.66
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

P-29
I-65 SPUR NB
EX. M.P. 6.19
REMOVE EX. PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS
M.P. 6.31
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

EXIT 5
68
Bowling Green
Russellville
1 MILE

Southcentral KY
Community and
Technical College
EXIT 7

P-27
I-65 SPUR SB
EX. M.P. 6.02
REMOVE EX. PANEL SIGN
WITH 3-I BEAM POSTS
& GROUND SUPPORTS
M.P. 6.41
CONSTRUCT PANEL SIGN
WITH 3-I BEAM POSTS
& GROUND SUPPORTS TYPE 'C'

EXIT 7
231
Bowling Green
1 MILE

P-28
I-65 SPUR NB
M.P. 6.16
CONSTRUCT PANEL SIGN
WITH 2-I BEAM POSTS &
GROUND SUPPORTS TYPE 'C'

WILLIAM H. NATCHER PARKWAY



MATCHLINE (SEE SHEET 7)

SCALE: 1" = 500'

NATCHER PARKWAY
MP 6.1 - MP 7.0
CORRIDOR SHEET (10 OF 59)

DATE: 8/8/2018 10:58:58



P-181
US 231 NB
M.P. 6.60
CONSTRUCT PANEL SIGN,
POSTS, & GROUND SUPPORTS



P-180
US 231 NB
M.P. 6.42
CONSTRUCT PANEL SIGN,
POSTS, & GROUND SUPPORTS



P-179
US 231 NB
M.P. 6.20
CONSTRUCT PANEL SIGN,
POSTS, & GROUND SUPPORTS

MP 6



DATE: 8/8/2018 10:58:58 AM

JUNCTION
9007

P-184
US 231 SB
M.P. 7.12
CONSTRUCT PANEL SIGN,
POSTS, & GROUND SUPPORTS

TO TO
9007 **65** **165**
Louisville
Nashville
Owensboro
KEEP RIGHT

P-183
US 231 SB
M.P. 6.92
CONSTRUCT PANEL SIGN,
POSTS, & GROUND SUPPORTS

TO TO
9007 **65** **165**
Louisville
Nashville
Owensboro
➔

P-182
US 231 SB
M.P. 6.67
CONSTRUCT PANEL SIGN,
POSTS, & GROUND SUPPORTS

MP 7

7.5

7.4

7.3

7.2

7.1

6.9

6.8

6.7

6.6

DATE: 8/8/2018 10:58:58 AM

SCALE: 1" = 500'

US 231
M.P. 6.6 - 7.5
CORRIDOR SHEET (59 OF 59)

COUNTY OF	WARREN
ITEM NO.	3-2042.11

VARIOUS COUNTIES

NHPP 0031(020)

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-8	ROAD & MILE POINT	I-165; 2.00
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	17'-0"	SIDE OF ROAD	RT
HEIGHT	16'-0"	MOUNTING STYLE	EXISTING POSTS
AREA (Sq. Ft.)	307.0	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	
BORDER RADII	12"	BEAM/POST LENGTH 1.	=
PANEL COLOR	Green	BEAM/POST LENGTH 2.	=
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	=
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.
LEGEND MATERIAL	Reflective	CONC 'b' =	

SUPPORT TYPE				
SUPPORT TYPE:				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_1	76.1	121.2	48	48



FONT:
(1) ClearviewHwy-5-W
Panel Style: guide_fwyt_advance_b.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-9	ROAD & MILE POINT	I-165; 2.30
QUANTITY	1	TRAFFIC DIRECTION	NB
WIDTH	22'-0"	SIDE OF ROAD	RT
HEIGHT	10'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	254.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W18X35
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 25'
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 27'
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	= 29'
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a' =	3.5' 9.63 Cu. Yds.
LEGEND MATERIAL	Reflective	CONC 'b' =	9'

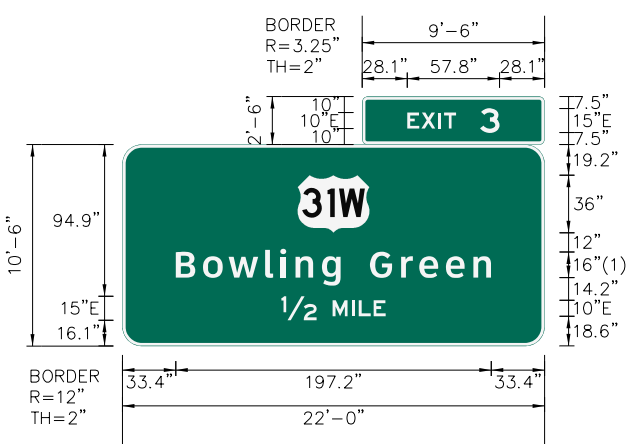
SUPPORT TYPE				
SUPPORT TYPE: T, Y, C				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1-4	109.5	70.6	45	36



FONT:
(1) ClearviewHwy-5-W
Panel Style: guide_exp_advance_b.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-12	ROAD & MILE POINT	I-165; 2.80
QUANTITY	1	TRAFFIC DIRECTION	NB
WIDTH	22'-0"	SIDE OF ROAD	RT
HEIGHT	10'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	254.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W18X40
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 24.0
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 28.0
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	= 32.0
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a' =	3.5 9.63 Cu. Yds.
LEGEND MATERIAL	Reflective	CONC 'b' =	9

SUPPORT TYPE				
SUPPORT TYPE: T, Y, C				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1-4	109.5	70.6	45	36



FONT:
(1) ClearviewHwy-5-W
Panel Style: guide_exp_advance_b.ssi
M.U.T.C.D.: 2009 Edition

PANEL SIGN
DETAIL SHEET

COUNTY OF	WARREN
ITEM NO.	3-2042.11

VARIOUS COUNTIES

NHPP 0031(020)

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-21	ROAD & MILE POINT	I-165; 4.50
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	20'-0"	SIDE OF ROAD	RT
HEIGHT	13'-0"	MOUNTING STYLE	EXISTING POSTS
AREA (Sq. Ft.)	283.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	
BORDER RADII	12"	BEAM/POST LENGTH 1. =	
PANEL COLOR	Green	BEAM/POST LENGTH 2. =	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3. =	
STATION(S)		BEAM/POST LENGTH 4. =	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.
LEGEND MATERIAL	Reflective	CONC 'b' =	

SUPPORT TYPE				
SUPPORT TYPE:				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	97.5	99.8	45	36



FONT:
(1) ClearviewHwy-5-W

Panel Style: guide_fw_intermediate.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-22	ROAD & MILE POINT	I-165; 4.61
QUANTITY	1	TRAFFIC DIRECTION	NB
WIDTH	22'-0"	SIDE OF ROAD	RT
HEIGHT	14'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	342.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W16X31
BORDER RADII	12"	BEAM/POST LENGTH 1. =	26'
PANEL COLOR	Green	BEAM/POST LENGTH 2. =	24'
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3. =	22'
STATION(S)		BEAM/POST LENGTH 4. =	
PANEL MATERIAL	Reflective	CONC 'a' =	3.5'
LEGEND MATERIAL	Reflective	CONC 'b' =	9'

SUPPORT TYPE				
SUPPORT TYPE: TY, C				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	114.0	117.8	36	36
AR_TypeA	117.1	20.2	24.0	37.8

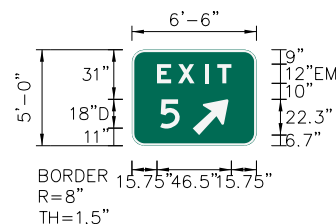


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(1) ClearviewHwy-5-W

Panel Style: guide_exp_advance_b.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	S-24, S-25	ROAD & MILE POINT	I-165; 4.78, 5.22
QUANTITY	2	TRAFFIC DIRECTION	NB, SB
WIDTH	6'-6"	SIDE OF ROAD	RT, RT
HEIGHT	5'-0"	MOUNTING STYLE	EXISTING POSTS
AREA (Sq. Ft.)	32.5	BEAM MATERIAL	
BORDER WIDTH	1.5"	BEAM SIZE	
BORDER RADII	8"	BEAM/POST LENGTH 1. =	
PANEL COLOR	Green	BEAM/POST LENGTH 2. =	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3. =	
STATION(S)		BEAM/POST LENGTH 4. =	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.
LEGEND MATERIAL	Reflective	CONC 'b' =	

SUPPORT TYPE				
SUPPORT TYPE:				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'D' = BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
AR_TypeA	38.0	6.7	18.0	28.3



Panel Style: guide_fw_gore.ssi
M.U.T.C.D.: 2009 Edition

PANEL SIGN
DETAIL SHEET

COUNTY OF	WARREN
ITEM NO	3-2042.11

VARIOUS COUNTIES

NHP 0031(02) INFORMATION

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-23	ROAD & MILE POINT	I-165; 5.08
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	20'-0"	SIDE OF ROAD	RT
HEIGHT	13'-0"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	283.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W18X35
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 29'
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 29'
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	=
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a'	= 3.5
LEGEND MATERIAL	Reflective	CONC 'b'	= 9
			6.42 Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE: TY. A				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		6' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	97.5	99.8	45	36



FONT:
(1) ClearviewHwy-5-W

Panel Style: guide_fw_y_intermediate.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-24	ROAD & MILE POINT	I-165; 5.35
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	22'-0"	SIDE OF ROAD	RT
HEIGHT	14'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	342.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W21X44
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 26.5
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 26.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	= 26.5
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a'	= 4
LEGEND MATERIAL	Reflective	CONC 'b'	= 9
			12.57 Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE: TY. C				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	114.0	117.8	36	36
AR_TypeA	117.1	20.2	24.0	37.8

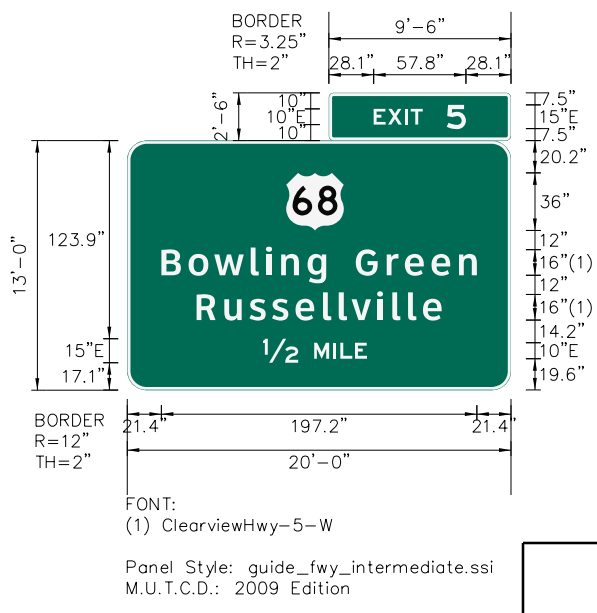


FONT:
(1) ClearviewHwy-5-W

Panel Style: guide_exp_advance_b.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-25	ROAD & MILE POINT	I-165; 5.90
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	20'-0"	SIDE OF ROAD	RT
HEIGHT	13'-0"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	283.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W16X31
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 21.5
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 22.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	=
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a'	= 3.5
LEGEND MATERIAL	Reflective	CONC 'b'	= 9
			6.42 Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE: TY. C				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	102.0	99.8	36	36



FONT:
(1) ClearviewHwy-5-W

Panel Style: guide_fw_y_intermediate.ssi
M.U.T.C.D.: 2009 Edition

PANEL SIGN
DETAIL SHEET

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-28, P-43	ROAD & MILE POINT	I-165; 6.16, 8.64
QUANTITY	2	TRAFFIC DIRECTION	NB, SB
WIDTH	20'-0"	SIDE OF ROAD	RT, RT
HEIGHT	10'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	233.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W12X26, W12X44
BORDER RADII	12"	BEAM/POST LENGTH	1. = 18', 32'
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 18', 35'
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =
STATION(S)		BEAM/POST LENGTH	4. =
PANEL MATERIAL	Reflective	CONC 'a' =	3, 4 4.18 Cu.
LEGEND MATERIAL	Reflective	CONC 'b' =	8, 9 8.38 Yds.

SUPPORT TYPE				
SUPPORT TYPE: T.Y. C, T.Y. A				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18', 6' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1-4	97.5	70.6	45	36



FONT:
 (1) ClearviewHwy-5-W
 Panel Style: guide_fwy_intermediate.ssi
 M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-29, P-42	ROAD & MILE POINT	I-165; 6.31, 8.48
QUANTITY	2	TRAFFIC DIRECTION	NB, SB
WIDTH	19'-0"	SIDE OF ROAD	RT, RT
HEIGHT	10'-0"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	190.0	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W18X35, W10X22
BORDER RADII	12"	BEAM/POST LENGTH	1. = 19, 17
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 25, 19
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =
STATION(S)		BEAM/POST LENGTH	4. =
PANEL MATERIAL	Reflective	CONC 'a' =	3.5, 3 6.42, 4.18 Cu.
LEGEND MATERIAL	Reflective	CONC 'b' =	9, 8 Yds.

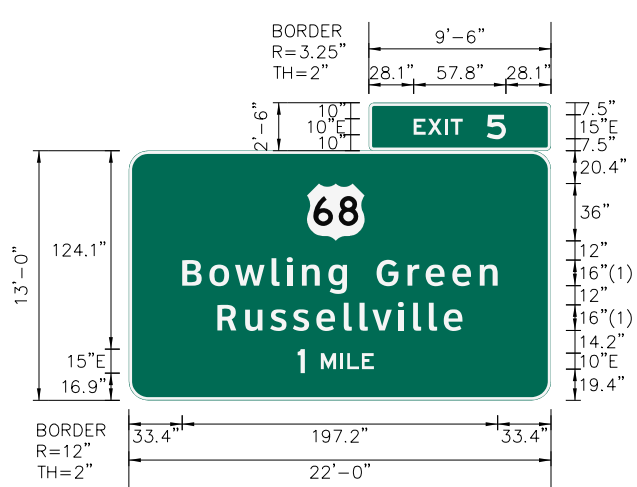
SUPPORT TYPE				
SUPPORT TYPE: T.Y. C, T.Y. C				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		12' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT



FONT:
 (1) ClearviewHwy-5-W-R
 Panel Style: guide_fwy_supplemental.ssi
 M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-27	ROAD & MILE POINT	I-165; 6.41
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	22'-0"	SIDE OF ROAD	RT
HEIGHT	13'-0"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	309.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W21X44
BORDER RADII	12"	BEAM/POST LENGTH	1. = 22'
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24'
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 26'
STATION(S)		BEAM/POST LENGTH	4. =
PANEL MATERIAL	Reflective	CONC 'a' =	4 12.57 Cu.
LEGEND MATERIAL	Reflective	CONC 'b' =	9 Yds.

SUPPORT TYPE				
SUPPORT TYPE: T.Y. C				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	114.0	99.8	36	36



FONT:
 (1) ClearviewHwy-5-W
 Panel Style: guide_exp_advance_b.ssi
 M.U.T.C.D.: 2009 Edition

PANEL SIGN
 DETAIL SHEET

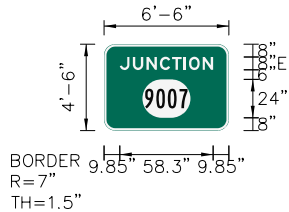
COUNTY OF	WARREN
ITEM NO.	3-2042.11

VARIOUS COUNTIES

NHPP 0031(020)

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-179, P-184	ROAD & MILE POINT	US 231; 6.20, 7.12
QUANTITY	2	TRAFFIC DIRECTION	NB, SB
WIDTH	6'-6"	SIDE OF ROAD	RT, LT
HEIGHT	4'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	29.3	BEAM MATERIAL	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 10 GA.
BORDER RADII	7"	BEAM/POST LENGTH 1.	= 17
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 17
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	=
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a' =	1.5'
LEGEND MATERIAL	Reflective	CONC 'b' =	3.5'

SUPPORT TYPE				
SUPPORT TYPE: 'D'				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'D' = BREAK-A-WAY				
HORIZONTAL CLEARANCE		18' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
KY_4	24	8	30	24



Panel Style: guide_exp_advance_minor.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-180	ROAD & MILE POINT	US 231; 6.42
QUANTITY	1	TRAFFIC DIRECTION	NB
WIDTH	12'-6"	SIDE OF ROAD	RT
HEIGHT	10'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	131.3	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W6X16
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 18.5
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 18.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	=
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a' =	2
LEGEND MATERIAL	Reflective	CONC 'b' =	5

SUPPORT TYPE				
SUPPORT TYPE: C				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		18' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
KY_4	22.3	94.3	30	24
M1_1	63	94.3	24	24
M1_1	97.7	94.3	30	24



FONT: (1) ClearviewHwy-5-W
Panel Style: guide_exp_advance_minor.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-181	ROAD & MILE POINT	US 231; 6.60
QUANTITY	1	TRAFFIC DIRECTION	NB
WIDTH	12'-6"	SIDE OF ROAD	RT
HEIGHT	11'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	143.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W8X18
BORDER RADII	12"	BEAM/POST LENGTH 1.	= 19.5
PANEL COLOR	Green	BEAM/POST LENGTH 2.	= 19.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH 3.	=
STATION(S)		BEAM/POST LENGTH 4.	=
PANEL MATERIAL	Reflective	CONC 'a' =	2.5
LEGEND MATERIAL	Reflective	CONC 'b' =	7

SUPPORT TYPE				
SUPPORT TYPE: C				
'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		18' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
KY_4	22.3	94.3	30	24
M1_1	63	94.3	24	24
M1_1	97.7	94.3	30	24
AR_Type A	62.4	13.9	16	25.2



FONT: (1) ClearviewHwy-5-W
Panel Style: guide_exp_advance_minor.ssi
M.U.T.C.D.: 2009 Edition

PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
WARREN	3-2042.11

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-183	ROAD & MILE POINT	US 231; 6.92
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	12'-6"	SIDE OF ROAD	LT
HEIGHT	10'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	131.3	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W10X26
BORDER RADII	12"	BEAM/POST LENGTH	1. = 19.5
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 21.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =
STATION(S)		BEAM/POST LENGTH	4. =
PANEL MATERIAL	Reflective	CONC 'a' =	3
LEGEND MATERIAL	Reflective	CONC 'b' =	8
			4.18 Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE: C				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE	18' LEFT			
	' RIGHT			
SYMBOL	X	Y	WIDTH	HEIGHT
KY_4	22.3	94.3	30	24
M1_1	63	94.3	24	24
M1_1	97.7	94.3	30	24



FONT:
(1) ClearviewHwy-5-W

Panel Style: guide_exp_advance_minor.ssi
M.U.T.C.D.: 2009 Edition

SIGN INFORMATION		SIGN LOCATION / SUPPORT	
SIGN NUMBER	P-182	ROAD & MILE POINT	US 231; 6.67
QUANTITY	1	TRAFFIC DIRECTION	SB
WIDTH	12'-6"	SIDE OF ROAD	LT
HEIGHT	11'-6"	MOUNTING STYLE	POSTS
AREA (Sq. Ft.)	143.8	BEAM MATERIAL	
BORDER WIDTH	2"	BEAM SIZE	W8X21
BORDER RADII	12"	BEAM/POST LENGTH	1. = 27.5
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =
STATION(S)		BEAM/POST LENGTH	4. =
PANEL MATERIAL	Reflective	CONC 'a' =	2.5
LEGEND MATERIAL	Reflective	CONC 'b' =	7
			2.54 Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE: C				
'A' = FIXED BEAMS				
'B' = STANDARD BREAK-A-WAY BEAMS				
'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE	18' LEFT			
	' RIGHT			
SYMBOL	X	Y	WIDTH	HEIGHT
KY_4	22.3	94.3	30	24
M1_1	63	94.3	24	24
M1_1	97.7	94.3	30	24
AR_Type A	62.4	13.9	16	25.2



FONT:
(1) ClearviewHwy-5-W

Panel Style: guide_exp_advance_minor.ssi
M.U.T.C.D.: 2009 Edition

PROPOSAL BID ITEMS

181046

Page 1 of 1

Report Date 11/7/18

Section: 0001 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	4.00	EACH		\$	
0020	02351		GUARDRAIL-STEEL W BEAM-S FACE	300.00	LF		\$	
0030	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		\$	
0040	02369		GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH		\$	
0050	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0060	06400		GMSS GALV STEEL TYPE A	46,428.00	LB		\$	
0070	06405		SBM ALUMINUM PANEL SIGNS (REVISED: 11-7-18)	31,595.00	SQFT		\$	
0080	06406		SBM ALUM SHEET SIGNS .080 IN	665.00	SQFT		\$	
0090	06407		SBM ALUM SHEET SIGNS .125 IN	820.00	SQFT		\$	
0100	06410		STEEL POST TYPE 1 (REVISED: 11-7-18)	794.00	LF		\$	
0110	06412		STEEL POST MILE MARKERS	142.00	EACH		\$	
0120	06420		OSS ALUMINUM 55 FT TRUSS	1.00	EACH		\$	
0130	06441		GMSS GALV STEEL TYPE C (REVISED: 11-7-18)	65,783.00	LB		\$	
0140	06448		SIGN BRIDGE ATTACHMENT BRACKET	10.00	EACH		\$	
0150	06451		REMOVE SIGN SUPPORT BEAM	116.00	EACH		\$	
0160	06490		CLASS A CONCRETE FOR SIGNS (REVISED: 11-7-18)	401.00	CUYD		\$	
0170	06491		STEEL REINFORCEMENT FOR SIGNS (REVISED: 11-7-18)	11,652.00	LB		\$	
0180	20418ED		REMOVE & RELOCATE SIGNS	9.00	EACH		\$	
0190	20419ND		ROADWAY CROSS SECTION	99.00	EACH		\$	
0200	21373ND		REMOVE SIGN	123.00	EACH		\$	
0210	21596ND		GMSS TYPE D	2.00	EACH		\$	
0220	23639ED		REM SIGN BRIDGE MOUNT ATTACHMENT	11.00	EACH		\$	
0230	24631EC		BARCODE SIGN INVENTORY	279.00	EACH		\$	
0240	25002EC		SIGN OVERLAY	1,317.00	SQFT		\$	

Section: 0002 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0250	02569		DEMOBILIZATION	1.00	LS		\$	