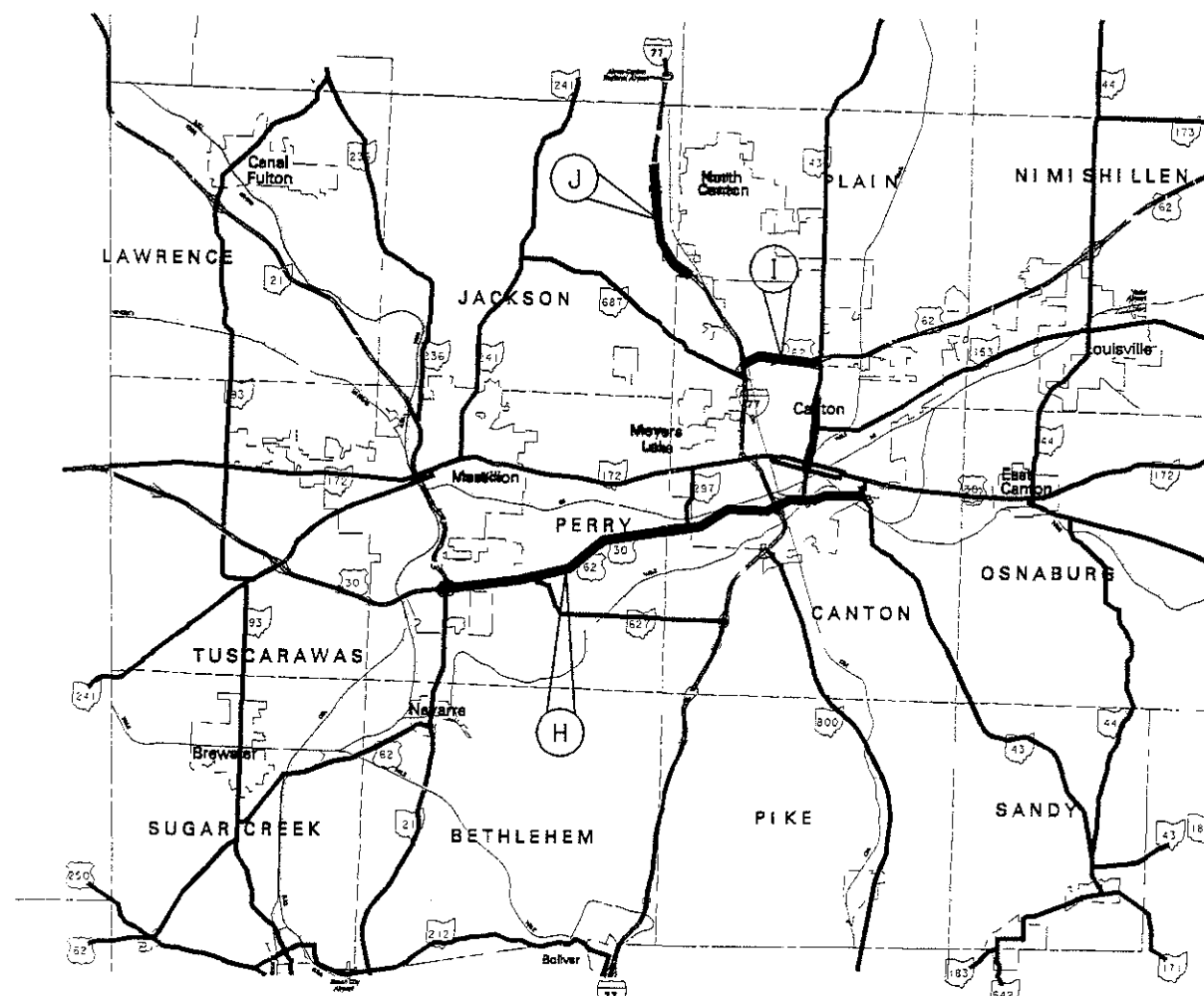


SUMMIT COUNTY

WORK LIMITS

- (A) SR 8: SLM 2.13 TO 12.72
- (B) IR 76: SLM 0.00 TO 4.60
- (C) IR 76: SLM 1.34 TO 15.32
- (D) IR 77: SLM 1.40 TO 12.26
- (E) IR 77: SLM 15.18 TO 33.62
- (F) IR 271: SLM 11.86 TO 15.24
- (G) IR 277: SLM 0.00 TO 4.14
- (H) US 30: SLM 7.69 TO 18.44
- (I) US 62: SLM 22.19 TO 24.03
- (J) IR 77: SLM 14.57 TO 17.25

NOTE: SLM's listed above are by county.



STARK COUNTY

Estimated Quantities

Reference Marker Signs

COUNTY	ROUTE	COUNTY LOG FROM	COUNTY LOG TO	STATE LOG FROM	STATE LOG TO	TYPE OF INSTALLATION	630			
							MAINLINE REFERENCE MARKER	RAMP REFERENCE MARKER	GROUND MOUNTED SUPPORT, NO.3 POST	CONCRETE MEDIAN BARRIER SIGN BRACKET
							EACH	EACH	FT	EACH
STARK	US 30	7.69	13.21	182.49	188.01	BACK-TO-BACK	56	8	530.0	
STARK	US 30	13.21	17.21	188.01	192.01	BACK-TO-BACK	40	31	403.0	20
STARK	US 30	17.21	18.20	192.01	193.00	BACK-TO-BACK	4		62.0	
STARK	US 62	22.19	24.03	229.64	231.48	BACK-TO-BACK	18	10	269.5	
STARK	I 77	14.57	15.08	109.49	110.00	BACK-TO-BACK	4	3	58.0	
STARK	I 77	15.08	15.28	110.00	110.20	BACK-TO-BACK	2	5	80.5	
STARK	I 77	15.28	17.25	110.20	112.17	BACK-TO-BACK	20	4	147.0	
SUMMIT	SR 8	2.13	12.72	2.13	12.72	BACK-TO-BACK	106	38	481.0	53
SUMMIT	I 76	0.00	4.60	12.03	16.63	BACK-TO-BACK	44	28	703.0	
SUMMIT	I 76	11.34	11.37	23.37	23.40	DUAL	2		29.0	
SUMMIT	I 76	11.37	11.80	23.40	23.83	BACK-TO-BACK	2	4	67.5	
SUMMIT	I 76	11.80	15.32	23.83	27.35	BACK-TO-BACK	34	25	324.0	17
SUMMIT	I 77	1.40	4.74	114.86	118.20	BACK-TO-BACK	32	4	188.0	
SUMMIT	I 77	4.74	5.34	118.20	118.80	BACK-TO-BACK	6			3
SUMMIT	I 77	5.34	7.54	118.80	121.00	DUAL	22	8	263.5	11
SUMMIT	I 77	7.54	8.54	121.00	122.00	BACK-TO-BACK	10		62.5	
SUMMIT	I 77	8.54	9.94	122.00	123.40	DUAL	14	15	282.0	2
SUMMIT	I 77	9.94	11.74	123.40	125.20	BACK-TO-BACK	18	6	78.0	9
SUMMIT	I 77	11.74	12.26	125.20	125.72	DUAL	6	2	113.0	
SUMMIT	I 77	15.18	21.84	128.64	135.30	BACK-TO-BACK	66	20	616.0	6
SUMMIT	I 77	21.84	22.34	135.30	135.80	DUAL	4		58.0	
SUMMIT	I 77	22.34	24.20	135.80	137.66	BACK-TO-BACK	20	20	260.0	10
SUMMIT	I 77	24.20	33.62	137.66	147.08	DUAL	94	37	1832.0	
SUMMIT	I 271	11.86	15.24	18.44	21.82	BACK-TO-BACK	34	12	317.5	
SUMMIT	I 277	0.00	4.14	0.00	4.14	BACK-TO-BACK	42	13	169.0	21
TOTALS CARRIED TO GENERAL SUMMARY							700	293	7394.0	152

NOTE: TYPE OF INSTALLATION
BACK-TO-BACK OR DUAL.

DEFINITIONS:
1) BACK-TO-BACK: 2 SIGNS ON
1 SUPPORT
2) DUAL: 2 SIGNS AND 2 SUPPORTS,
1 SIGN ON EACH SUPPORT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
STARK	US 30/62	184.25	RAMP	E US30/62	TO	SR627	1
STARK	US 30/62	184.25	RAMP	SR627	TO	E US30/62	1
STARK	US 30/62	184.25	RAMP	W US30/62	TO	SR627	1
STARK	US 30/62	184.25	RAMP	SR627	TO	W US30/62	1
STARK	US 30/62	187.85	RAMP	E US30/62	TO	SR297	1
STARK	US 30/62	187.85	RAMP	SR297	TO	E US30/62	1
STARK	US 30/62	187.85	RAMP	W US30/62	TO	SR297	1
STARK	US 30/62	187.85	RAMP	SR297	TO	W US30/62	1
STARK	US 30/62	189.02	RAMP	E US30/62	TO	HARRISON	1
STARK	US 30/62	189.02	RAMP	HARRISON	TO	E US30/62	1
STARK	US 30/62	189.02	RAMP	W US30/62	TO	HARRISON	1
STARK	US 30/62	189.02	RAMP	HARRISON	TO	W US30/62	1
STARK	US 30	189.70	RAMP	E US30	TO	S 77	2
STARK	US 30	189.70	RAMP	E US30	TO	N 77	2
STARK	US 30	189.70	RAMP	W US30	TO	N 77	1
STARK	US 30	189.70	RAMP	W US30	TO	S 77	2
STARK	US 30	189.70	RAMP	S 77	TO	W US30	2
STARK	US 30	189.70	RAMP	S 77	TO	E US30	2
STARK	US 30	189.70	RAMP	N 77	TO	E US30	2
STARK	US 30	189.70	RAMP	N 77	TO	W US30	2

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

koprich@DDAQD125 - lfm 7m - Monday September 16 2002 02:48:43 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
STARK	US 30	190.38	RAMP	E US30	TO	CHERRY	2
STARK	US 30	190.38	RAMP	CHERRY	TO	E US30	1
STARK	US 30	190.38	RAMP	W US30	TO	IITH ST	1
STARK	US 30	190.38	RAMP	IITH ST	TO	W US30	1
STARK	US 30	190.38	RAMP	S SR43	TO	W US30	1
STARK	US 30	191.66	RAMP	E US30	TO	S SR43	1
STARK	US 30	191.66	RAMP	E US30	TO	WAYNESBURG	2
STARK	US 30	191.66	RAMP	N SR43	TO	W US30	1
STARK	US 30	191.66	RAMP	N SR43	TO	E US30	2
STARK	US 62	230.38	RAMP	E US62	TO	CLEVELAND	2
STARK	US 62	230.38	RAMP	CLEVELAND	TO	E US62	1
STARK	US 62	230.38	RAMP	W US62	TO	30TH ST	1
STARK	US 62	230.38	RAMP	CLEVELAND	TO	W US62	1
STARK	US 62	231.47	RAMP	E US62	TO	SR43	1
STARK	US 62	231.47	RAMP	S SR43	TO	E US62	2
STARK	US 62	231.47	RAMP	N SR43	TO	E US62	1
STARK	US 62	231.47	RAMP	SR43	TO	W US62	1

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
TAKEN
CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

kopnick@D04C0125 - ulm7.m - Monday September 16 2002 02:49:19 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	77	118.01	RAMP	N 77	TO	SR241	1
SUMMIT	77	118.01	RAMP	SR241	TO	N 77	1
SUMMIT	77	118.01	RAMP	S 77	TO	SR241	1
SUMMIT	77	118.01	RAMP	SR241	TO	S 77	1
SUMMIT	77	120.19	RAMP	N 77	TO	ARLINGTON	2
SUMMIT	77	120.19	RAMP	N ARLINGTON	TO	N 77	2
SUMMIT	77	120.19	RAMP	S ARLINGTON	TO	N 77	2
SUMMIT	77	120.19	RAMP	S 77	TO	ARLINGTON	1
SUMMIT	77	120.19	RAMP	ARLINGTON	TO	S 77	1
SUMMIT	77	122.89	RAMP	N 77	TO	E US224	2
SUMMIT	77	122.89	RAMP	N 77	TO	W 277/224	1
SUMMIT	77	122.89	RAMP	E 277/224	TO	S 77	1
SUMMIT	77	122.89	RAMP	E 277/224	TO	N 77	2
SUMMIT	77	122.89	RAMP	W 277/224	TO	N 77	1
SUMMIT	77	122.89	RAMP	W 277/224	TO	S 77	2
SUMMIT	77	122.89	RAMP	S 77	TO	W 277/224	2
SUMMIT	77	122.89	RAMP	S 77	TO	E 277/224	2
SUMMIT	77	123.21	RAMP	ALLENDAL	TO	N 77	1
SUMMIT	77	123.21	RAMP	S 77	TO	WATERLOO	1

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
TYP
CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

kopnick@DD4CD125 - urfm 7 m - Monday September 16 2002 02:49:48 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	77	123.96	RAMP	N 77	TO	WILBETH	1
SUMMIT	77	123.96	RAMP	WILBETH	TO	N 77	1
SUMMIT	77	123.96	RAMP	S 77	TO	WILBETH	1
SUMMIT	77	123.96	RAMP	WILBETH	TO	S 77	1
SUMMIT	77	124.60	RAMP	ARCHWOOD	TO	N 77	1
SUMMIT	77	124.60	RAMP	S 77	TO	ARCHWOOD	1
SUMMIT	77	125.72	RAMP	N 77	TO	E 76	2
SUMMIT	77	129.18	RAMP	N 77	TO	SR261	1
SUMMIT	77	129.18	RAMP	SR261	TO	N 77	1
SUMMIT	77	129.18	RAMP	S 77	TO	SR261	2
SUMMIT	77	129.18	RAMP	SR261	TO	S 77	2
SUMMIT	77	130.61	RAMP	N 77	TO	SRI62	1
SUMMIT	77	130.61	RAMP	SRI62	TO	N 77	1
SUMMIT	77	130.61	RAMP	S 77	TO	SRI62	1
SUMMIT	77	130.61	RAMP	SRI62	TO	S 77	1
SUMMIT	77	131.80	RAMP	N 77	TO	WH POND	1
SUMMIT	77	131.80	RAMP	WH POND	TO	N 77	1
SUMMIT	77	131.80	RAMP	S 77	TO	WH POND	1
SUMMIT	77	131.80	RAMP	WH POND	TO	S 77	1

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
TAK
CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

10
22

kopritck@D04CD125 - ulfm7.m - Monday September 16 2002 02:50:13 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	77	133.42	RAMP	N 77	TO	RIDGEWOOD	1
SUMMIT	77	133.42	RAMP	RIDGEWOOD	TO	N 77	1
SUMMIT	77	133.42	RAMP	S 77	TO	RIDGEWOOD	1
SUMMIT	77	133.42	RAMP	MILLER RD	TO	S 77	1
SUMMIT	77	134.97	RAMP	N 77	TO	CLEVE-MASS	1
SUMMIT	77	134.97	RAMP	CLEVE-MASS	TO	S 77	1
SUMMIT	77	136.10	RAMP	N 77	TO	S SR21	3
SUMMIT	77	136.10	RAMP	N SR21	TO	S 77	2
SUMMIT	77	136.67	RAMP	N 77	TO	E SR18	2
SUMMIT	77	136.67	RAMP	N 77	TO	W SR18	2
SUMMIT	77	136.67	RAMP	W SR18	TO	N 77	2
SUMMIT	77	136.67	RAMP	E SR18	TO	N 77	2
SUMMIT	77	136.67	RAMP	E SR18	TO	S 77	2
SUMMIT	77	136.67	RAMP	W SR18	TO	S 77	2
SUMMIT	77	136.67	RAMP	S 77	TO	E SR18	2
SUMMIT	77	136.67	RAMP	S 77	TO	W SR18	1
SUMMIT	77	138.18	RAMP	N 77	TO	GHENT	1
SUMMIT	77	138.18	RAMP	GHENT	TO	N 77	1
SUMMIT	77	138.18	RAMP	S 77	TO	GHENT	2
SUMMIT	77	138.18	RAMP	GHENT	TO	S 77	2

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
TAX
CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

koprnick@D04QD125 - ulm7.m - Tuesday September 17 2002 12:07:33 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	77	143.09	RAMP	N 77	TO	SR176	2
SUMMIT	77	143.09	RAMP	SR176	TO	N 77	2
SUMMIT	77	143.09	RAMP	S 77	TO	SR176	1
SUMMIT	77	143.09	RAMP	SR176	TO	S 77	1
SUMMIT	77	143.65	RAMP	N 77	TO	N 271	1
SUMMIT	77	143.65	RAMP	N 271	TO	N 77	3
SUMMIT	77	143.65	RAMP	S 77	TO	S 271	3
SUMMIT	77	143.65	RAMP	S 271	TO	S 77	2
SUMMIT	77	145.74	RAMP	N 77	TO	N SR21	2
SUMMIT	77	145.74	RAMP	S SR21	TO	S 77	2
SUMMIT	77	146.94	RAMP	N 77	TO	OH TRNPK	1
SUMMIT	77	146.94	RAMP	OH TRNPK	TO	N 77	1
SUMMIT	77	146.94	RAMP	S 77	TO	OH TRNPK	4
SUMMIT	77	146.94	RAMP	OH TRNPK	TO	S 77	4
SUMMIT	77	146.94	RAMP	77	TO	OH TRNPK	1
SUMMIT	77	146.94	RAMP	OH TRNPK	TO	77	1

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
TAKEN
CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

Koprich@D04CD125 - 11m17.m - Monday September 16 2002 02:50:44 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	76	13.32	RAMP	E 76	TO	S SR21	2
SUMMIT	76	13.32	RAMP	E 76	TO	N SR21	2
SUMMIT	76	13.32	RAMP	N SR21	TO	E 76	2
SUMMIT	76	13.32	RAMP	N SR21	TO	W 76	2
SUMMIT	76	13.32	RAMP	S SR21	TO	W 76	2
SUMMIT	76	13.32	RAMP	S SR21	TO	E 76	2
SUMMIT	76	13.32	RAMP	W 76	TO	N SR21	2
SUMMIT	76	13.32	RAMP	W 76	TO	S SR21	2
SUMMIT	76	14.65	RAMP	E 76	TO	CLEVE-MASS	1
SUMMIT	76	14.65	RAMP	CLEVE-MASS	TO	E 76	1
SUMMIT	76	14.65	RAMP	W 76	TO	CLEVE-MASS	1
SUMMIT	76	14.65	RAMP	CLEVE-MASS	TO	W 76	1
SUMMIT	76	16.19	RAMP	E 76	TO	BARBER	2
SUMMIT	76	16.19	RAMP	BARBER	TO	E 76	2
SUMMIT	76	16.19	RAMP	W 76	TO	BARBER	2
SUMMIT	76	16.19	RAMP	BARBER	TO	W 76	2

Notes:
 1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
 T.A.F.
 CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

kpa0125 - ufrmt7.m - Monday, September 16, 2002 02:51:08 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	76	23.57	RAMP	E 76	TO	N SR8	1
SUMMIT	76	23.57	RAMP	W 76	TO	N SR8	1
SUMMIT	76	23.57	RAMP	W 76	TO	S 77	1
SUMMIT	76	23.83	RAMP	W 76	TO	INMAN ST	1
SUMMIT	76	24.34	RAMP	W 76	TO	ARLINGTON	2
SUMMIT	76	24.34	RAMP	FULLER	TO	W 76	2
SUMMIT	76	24.34	RAMP	ARLINGTON	TO	E 76	2
SUMMIT	76	24.34	RAMP	E 76	TO	KELLY	4
SUMMIT	76	25.00	RAMP	E 76	TO	S MARTHA	1
SUMMIT	76	25.00	RAMP	MARTHA	TO	E 76	2
SUMMIT	76	25.00	RAMP	W 76	TO	MARTHA	1
SUMMIT	76	25.00	RAMP	MARTHA	TO	W 76	2
SUMMIT	76	25.00	RAMP	E 76	TO	ENGLEWOOD	1
SUMMIT	76	25.63	RAMP	GENERAL	TO	W 76	1
SUMMIT	76	26.11	RAMP	W 76	TO	SR 18	1
SUMMIT	76	26.11	RAMP	SR 18	TO	W 76	1
SUMMIT	76	26.11	RAMP	E 76	TO	SR 18	1
SUMMIT	76	26.11	RAMP	MOGADORE	TO	E 76	-NO MARKER -NO ROOM FOR INSTALLATION
SUMMIT	76	27.35	RAMP	W 76	TO	GILCHRIST	1
SUMMIT	76	27.35	RAMP	GILCHRIST	TO	W 76	1
SUMMIT	76	27.35	RAMP	E 76	TO	GILCHRIST	1
SUMMIT	76	27.35	RAMP	GILCHRIST	TO	E 76	1

Notes:

1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED BY: TAY
CHECKED BY: UGERT

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

Kopnick@DD&CD125 - ulfmr7.m - Monday, September 18, 2006 02:51:25 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	271	18.44	RAMP	N 271	TO	SR8	1
SUMMIT	271	18.44	RAMP	SR8	TO	N 271	2
SUMMIT	271	18.44	RAMP	S 271	TO	SR8	3
SUMMIT	271	18.44	RAMP	SR8	TO	S 271	3
SUMMIT	271	19.22	RAMP	SR82	TO	N 271	2
SUMMIT	271	19.22	RAMP	S 271	TO	SR82	1
SUMMIT	277	0.16	RAMP	W 277/224	TO	E 76	1
SUMMIT	277	1.15	RAMP	E 277/224	TO	WATERLOO	1
SUMMIT	277	1.15	RAMP	WATERLOO	TO	W 277/224	1
SUMMIT	277	1.34	RAMP	SR 93	TO	E 277/224	1
SUMMIT	277	1.34	RAMP	E 277/224	TO	SR 93	1
SUMMIT	277	2.47	RAMP	E 277/224	TO	MAIN	2
SUMMIT	277	2.47	RAMP	MAIN	TO	E 277/224	2
SUMMIT	277	2.47	RAMP	W 277/224	TO	MAIN	2
SUMMIT	277	2.47	RAMP	MAIN	TO	W 277/224	2

Notes:
 1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
 TAKEN
 CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

kopnick@D04CD125 - 4/11/17 - Monday September 16 2002 02:51:42 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	SR 8	2.73	RAMP	N SR8/59	TO	GLENWOOD	1
SUMMIT	SR 8	2.73	RAMP	GLENWOOD	TO	S SR8/59	1
SUMMIT	SR 8	3.05	RAMP	N SR8/59	TO	SR261	1
SUMMIT	SR 8	3.05	RAMP	S SR8/59	TO	SR261	1
SUMMIT	SR 8	3.05	RAMP	SR261	TO	N SR8/59	1
SUMMIT	SR 8	3.05	RAMP	SR261	TO	S SR8/59	1
SUMMIT	SR 8	3.96	RAMP	N SR8/59	TO	CUYAHOGA FALLS	1
SUMMIT	SR 8	3.96	RAMP	CUYAHOGA FALLS	TO	S SR8/59	1
SUMMIT	SR 8	4.41	RAMP	N SR8/59	TO	HOWE	1
SUMMIT	SR 8	4.41	RAMP	HOWE	TO	N SR8/59	1
SUMMIT	SR 8	4.41	RAMP	S SR8/59	TO	HOWE	1
SUMMIT	SR 8	4.41	RAMP	HOWE	TO	S SR8/59	1
SUMMIT	SR 8	5.47	RAMP	N SR8/59	TO	BROAD	1
SUMMIT	SR 8	5.47	RAMP	BROAD	TO	N SR8/59	2
SUMMIT	SR 8	5.47	RAMP	S SR8/59	TO	BROAD	1
SUMMIT	SR 8	5.47	RAMP	BROAD	TO	S SR8/59	1

Notes:
 1. See Sheet 20 for typical ramp reference marker layout.

CALCULATED
 TAKEN
 CHECKED

RAMP REFERENCE MARKER SIGN LETTERING

STA-77-14.57

Kopnick@DD04CD125 - ulfm7.m - Monday, September 16, 2002 02:52:01 PM EDT

RAMP REFERENCE MARKER SIGN LETTERING

County	Route	STATE LOG	LINE 1	LINE 2	LINE 3	LINE 4	NO. MRKRS NEEDED
SUMMIT	SR 8	6.17	RAMP	N SR8/59	TO	FRONT ST	1
SUMMIT	SR 8	6.17	RAMP	FRONT ST	TO	N SR8	1
SUMMIT	SR 8	6.30	RAMP	S SR8	TO	SECOND ST	1
SUMMIT	SR 8	6.30	RAMP	SECOND ST	TO	S SR8/59	1
SUMMIT	SR 8	6.61	RAMP	HUDSON DR	TO	N SR8	1
SUMMIT	SR 8	7.68	RAMP	N SR8	TO	GRAHAM RD	1
SUMMIT	SR 8	7.68	RAMP	GRAHAM RD	TO	N SR8	1
SUMMIT	SR 8	7.68	RAMP	S SR8	TO	GRAHAM RD	1
SUMMIT	SR 8	7.68	RAMP	W GRAHAM RD	TO	S SR8	1
SUMMIT	SR 8	7.68	RAMP	E GRAHAM RD	TO	S SR8	2
SUMMIT	SR 8	9.11	RAMP	N SR8	TO	STEELS COR	1
SUMMIT	SR 8	9.11	RAMP	STEELS COR	TO	N SR8	1
SUMMIT	SR 8	9.11	RAMP	S SR8	TO	STEELS COR	1
SUMMIT	SR 8	9.11	RAMP	STEELS COR	TO	S SR8	1
SUMMIT	SR 8	12.72	RAMP	N SR8	TO	SR303	1
SUMMIT	SR 8	12.72	RAMP	SR303	TO	N SR8	3
SUMMIT	SR 8	12.72	RAMP	S SR8	TO	SR303	1
SUMMIT	SR 8	12.72	RAMP	SR303	TO	S SR8	1

Notes:

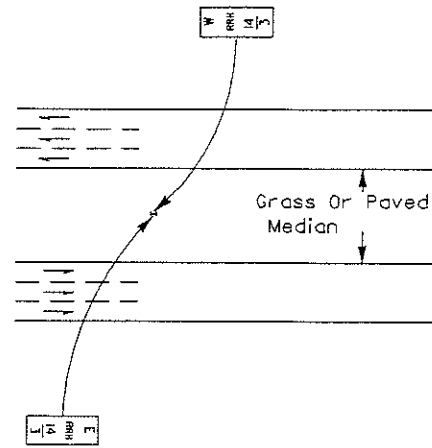
1. See Sheet 20 for typical ramp reference marker layout.

RAMP REFERENCE MARKER SIGN LETTERING

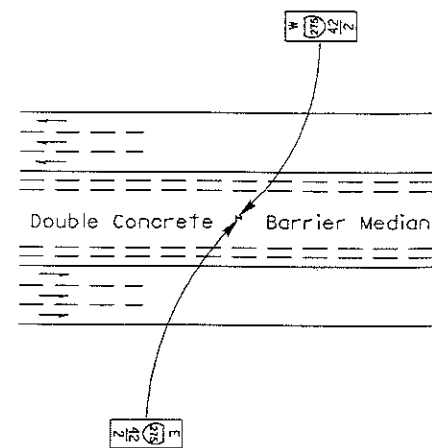
STA-77-14.57

Typical Reference Marker Placement

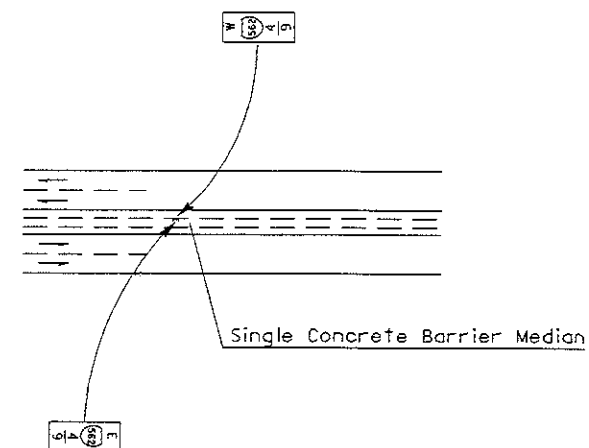
Median



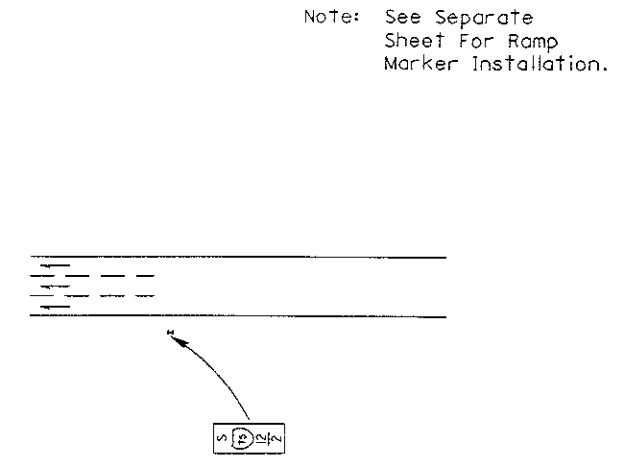
Double Concrete Barrier Median



Single Concrete Barrier Median

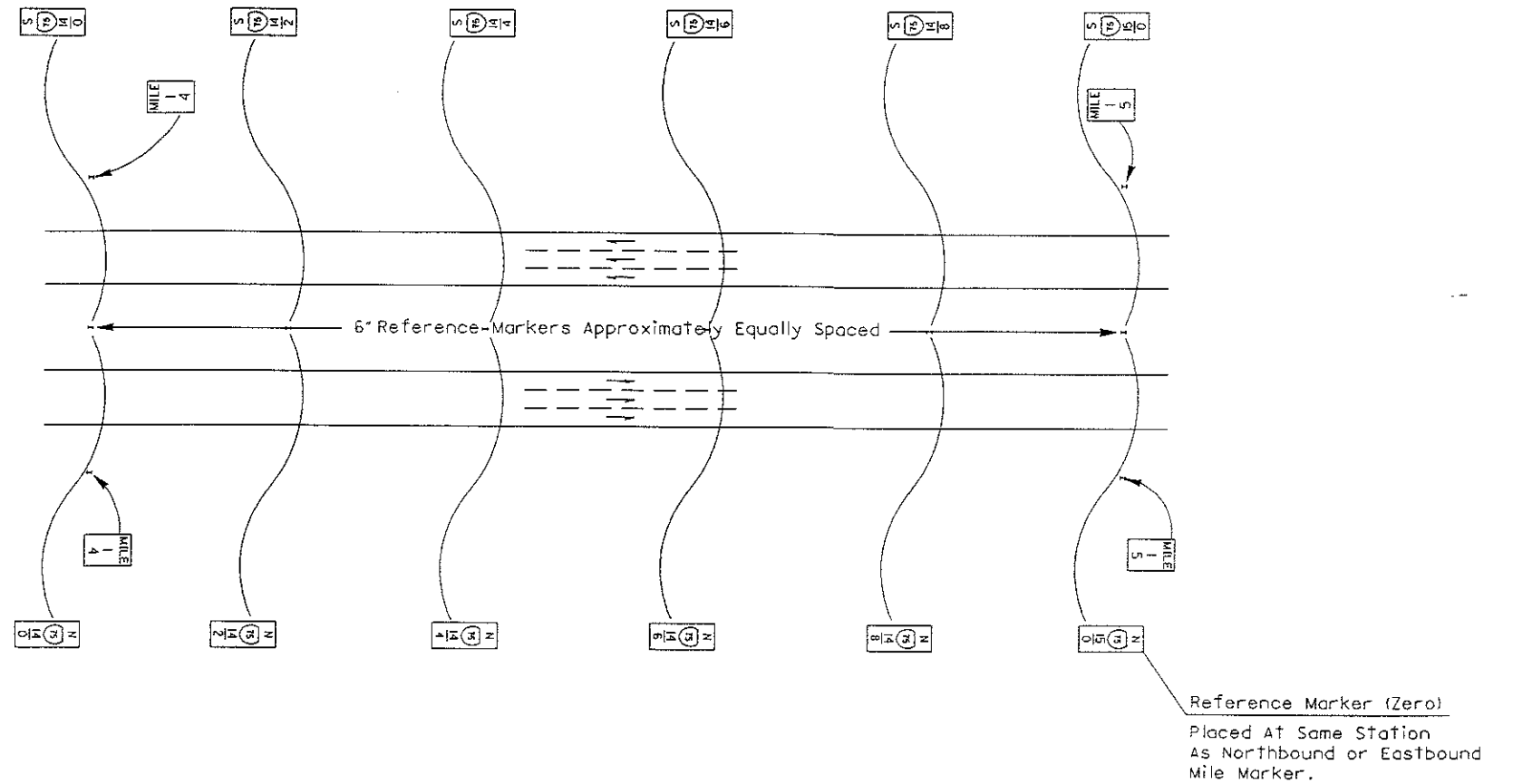
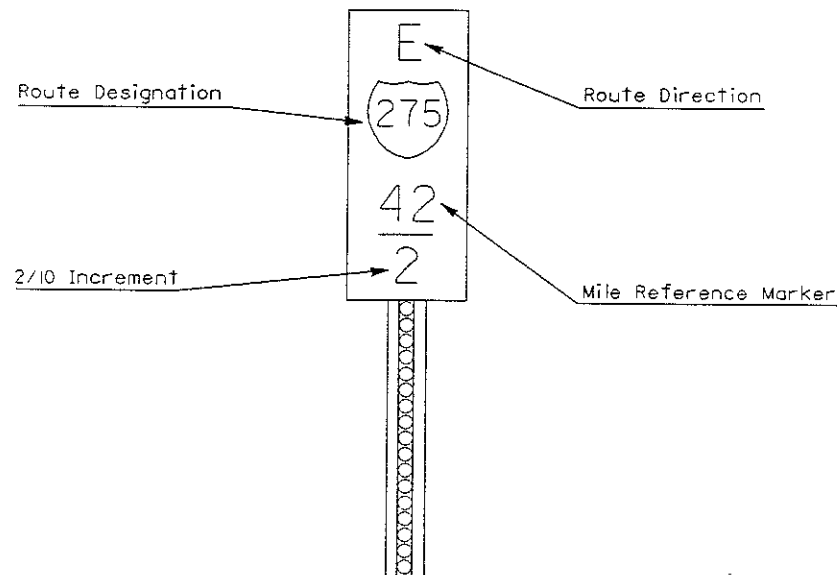


No Median Single Direction Traffic



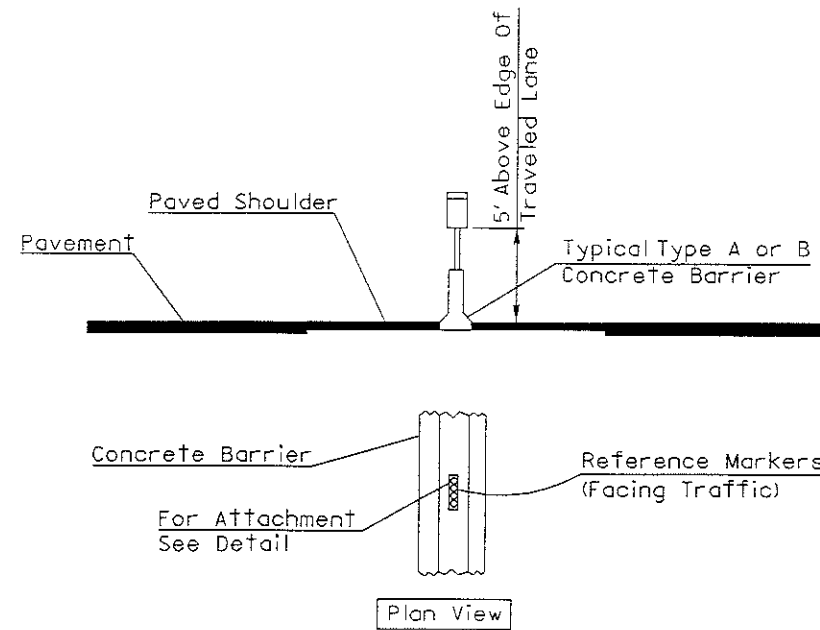
NOTES:

- Placement other than those depicted here may apply.
- No marker installation on bridges.



Typical Mainline Reference Marker Installation Plans

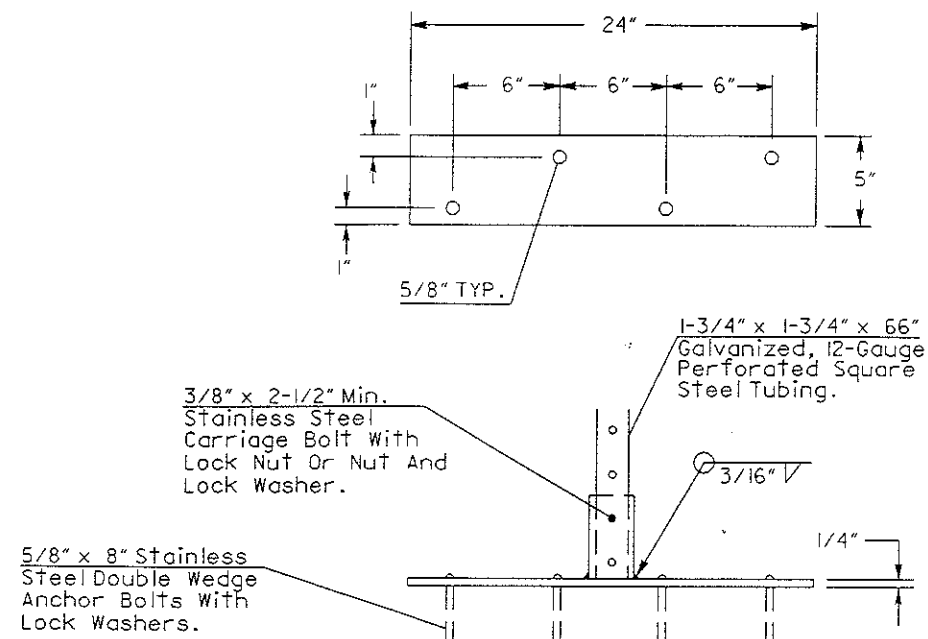
Single Median Barrier



Note:

1. Typical installed height is 2' from top of barrier wall to bottom of sign.

Barrier Mounting Bracket

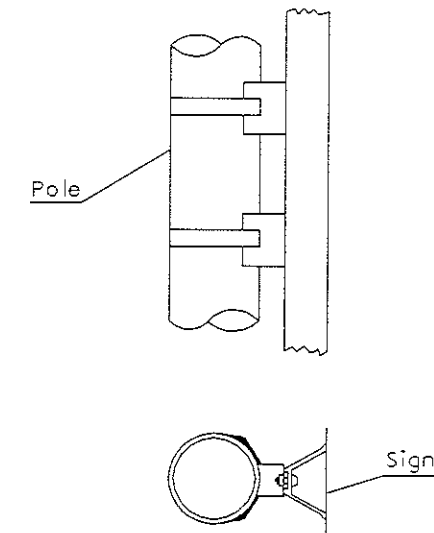


Note:

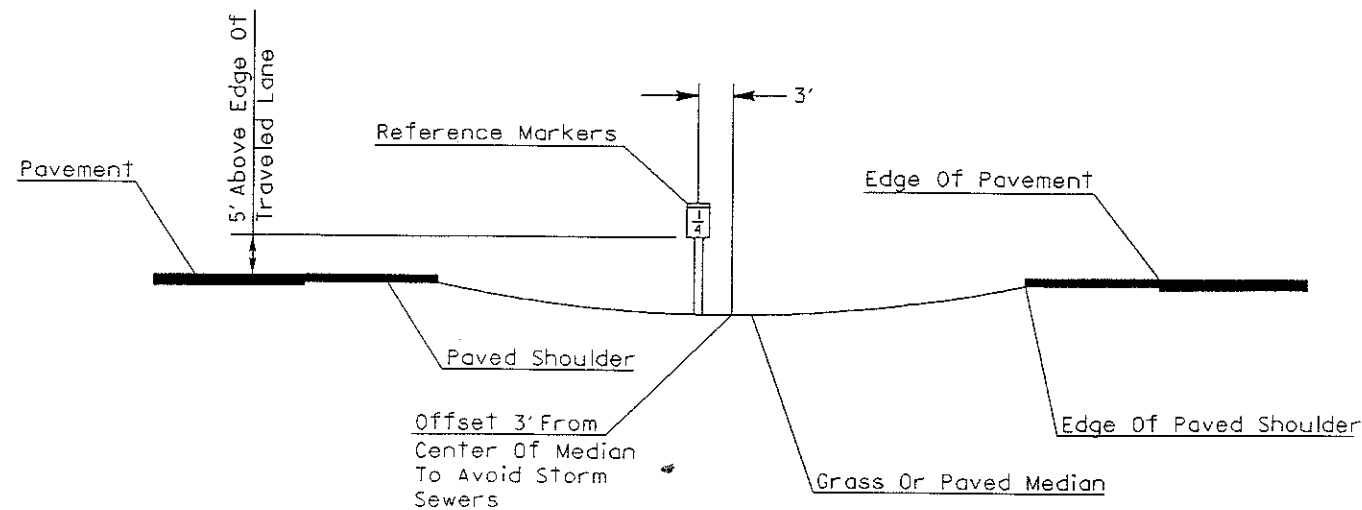
1. All Hardware Shall Be Galvanized Steel Or Stainless Steel As Specified.
2. All Work And Materials Shall Be In Accordance With Standard Specification.

Light Poles

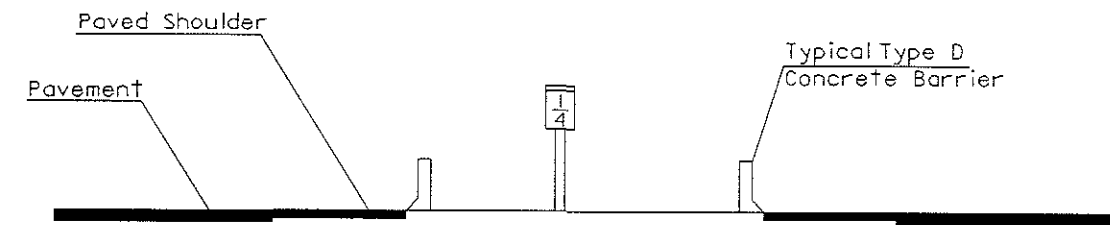
See TC-41.40 For Attachment



Median



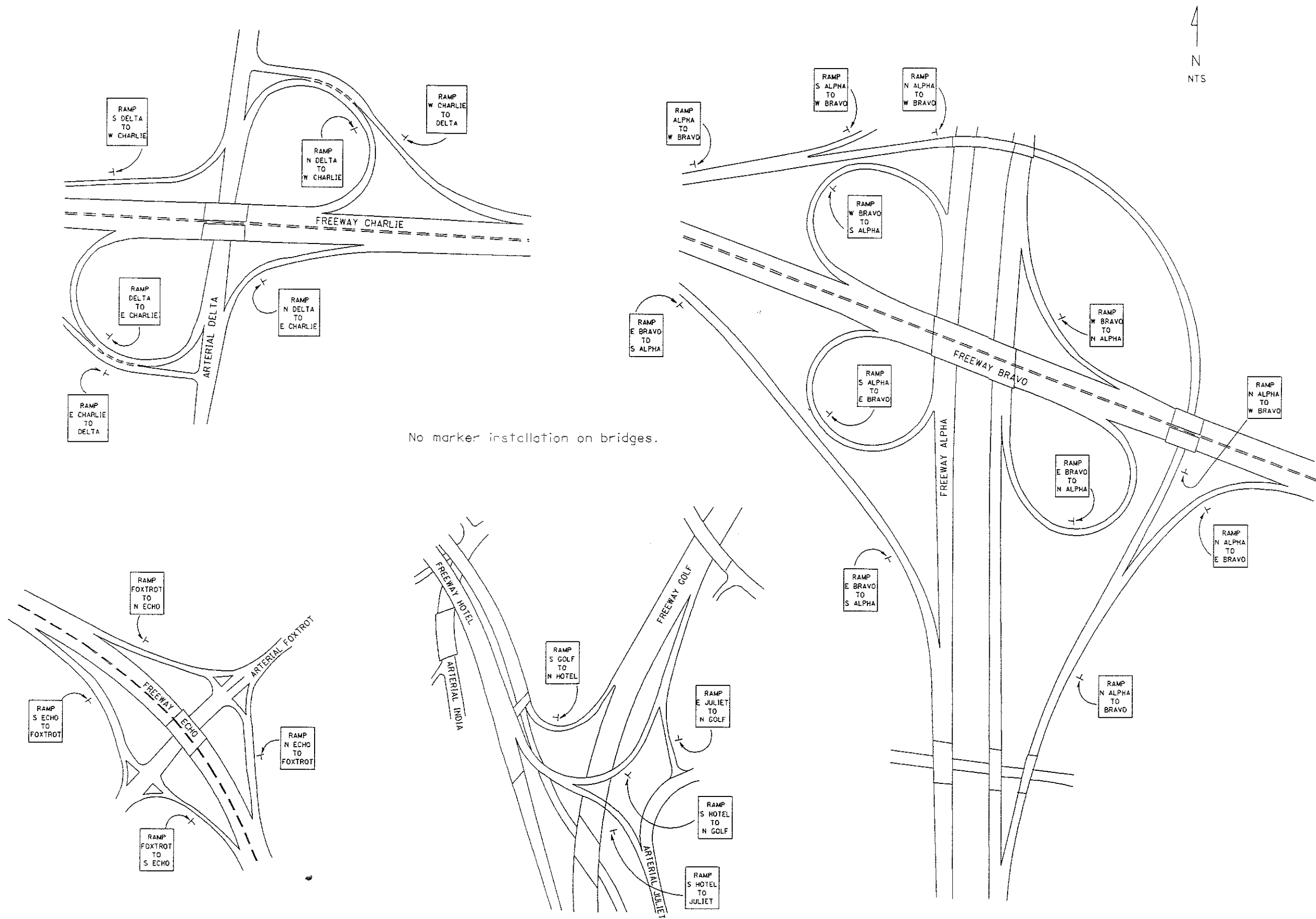
Double Median Barrier



Note:

1. Typical installed height on a raised median is 4' from top of median to bottom of sign.

Typical Ramp Marker Installation



No marker installation on bridges.

khopnick@D04CDD125 - ulm4.m - Monday September 16 2002 02:53:35 PM EDT

CALCULATED
CHECKED

REFERENCE MARKER DETAILS

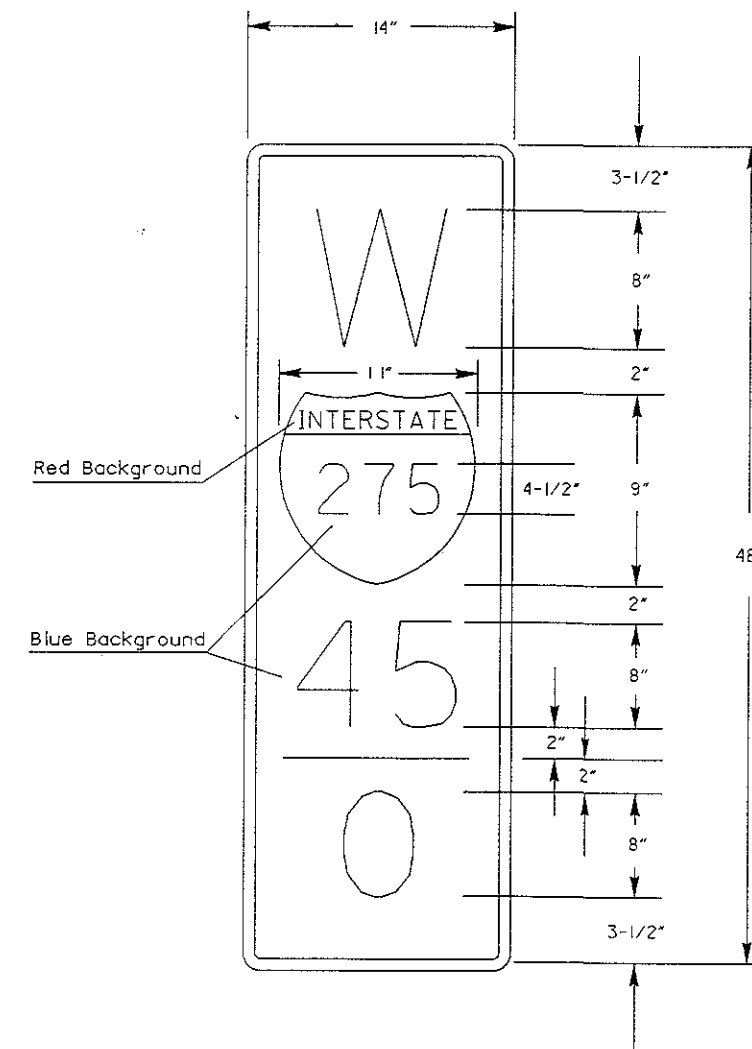
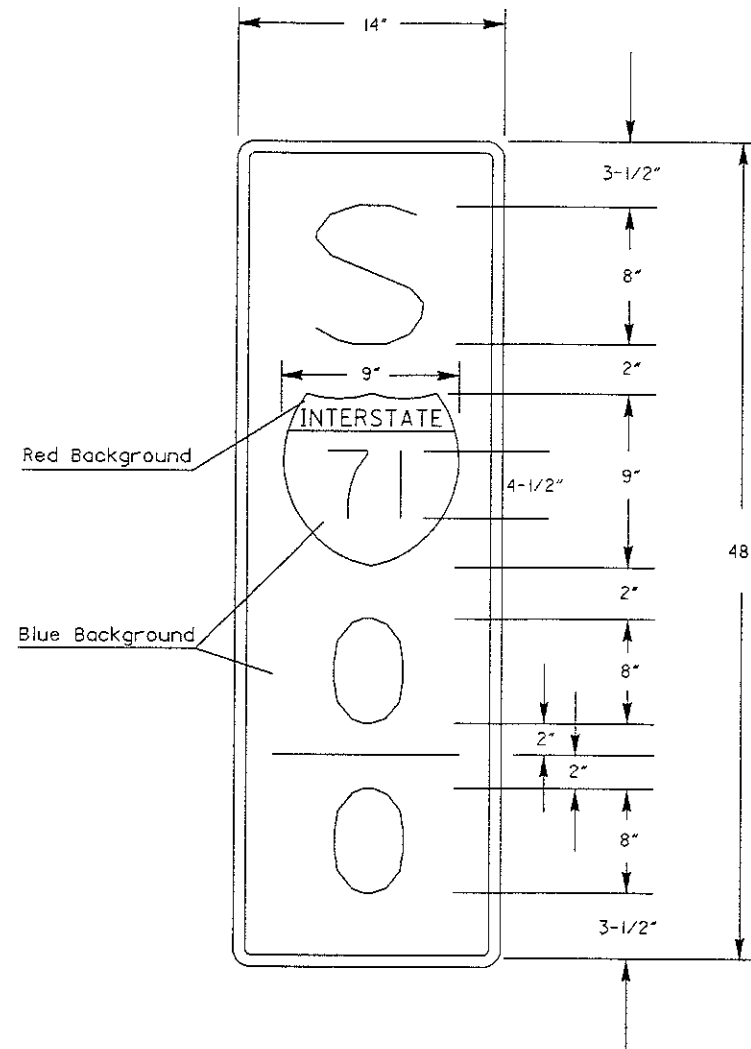
STA - 77 - 14.57

20
22

Typical Reference Markers

Typical Mainline Reference Marker

Color: White On Blue
Series C
Type G sheeting

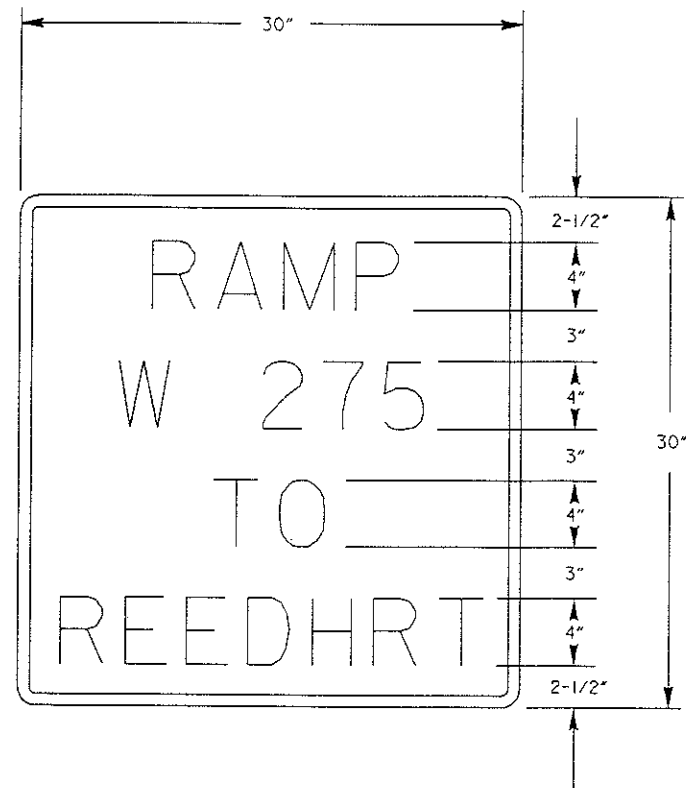


Note:
 Divider Line Thickness = 1"
 Divider Line Length = Width of Numbers above Line
 Stroke Width = 1.60"
 Border is white, width = 3/4"

Typical Reference Markers

Typical Ramp Reference Marker

Color: White On Blue
Series C
Type G sheeting

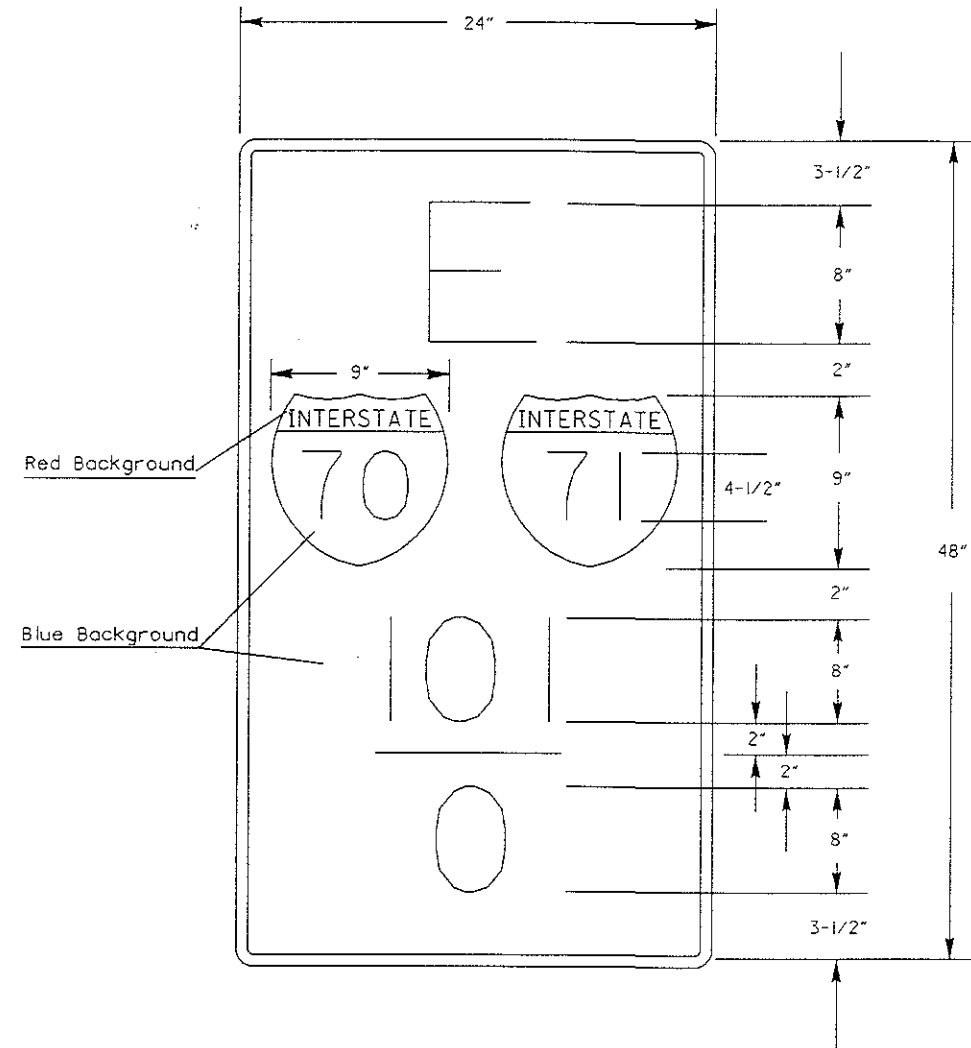


Note:

1. See Ramp Marker Installation Detail Sheets For Placement.
2. No Marker Installation On Bridges.
3. Stroke Width = 3/4"
4. Border is white, width = 3/4"
5. See Quantities For Specific Ramp Marker Lettering.

Typical Mainline Reference Marker

Color: White On Blue
Series C
Type G sheeting



Note:

- Divider Line Thickness = 1"
- Divider Line Length = Width of Numbers above Line
- Stroke Width = 1.60"
- Border is white, width = 3/4"
- Width of dual route marker shall be 24"