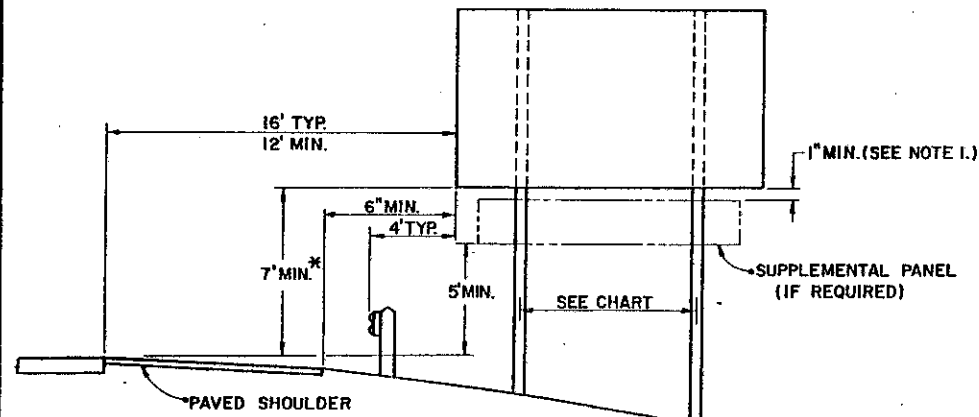
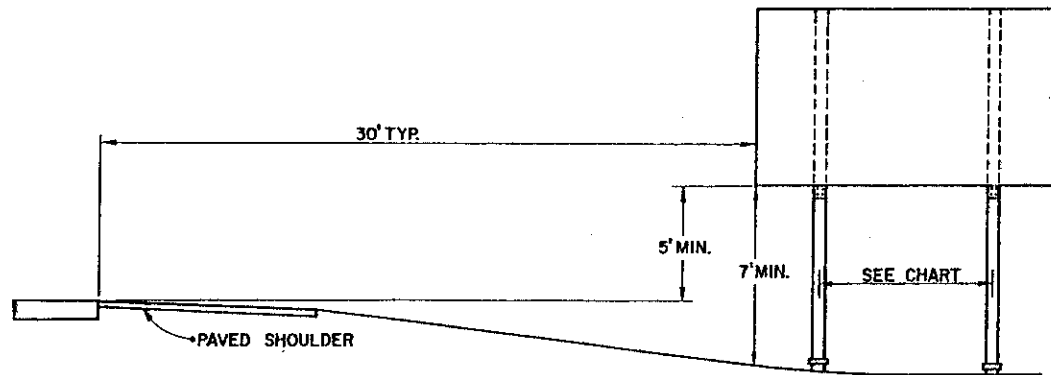


### FREEWAYS AND EXPRESSWAYS

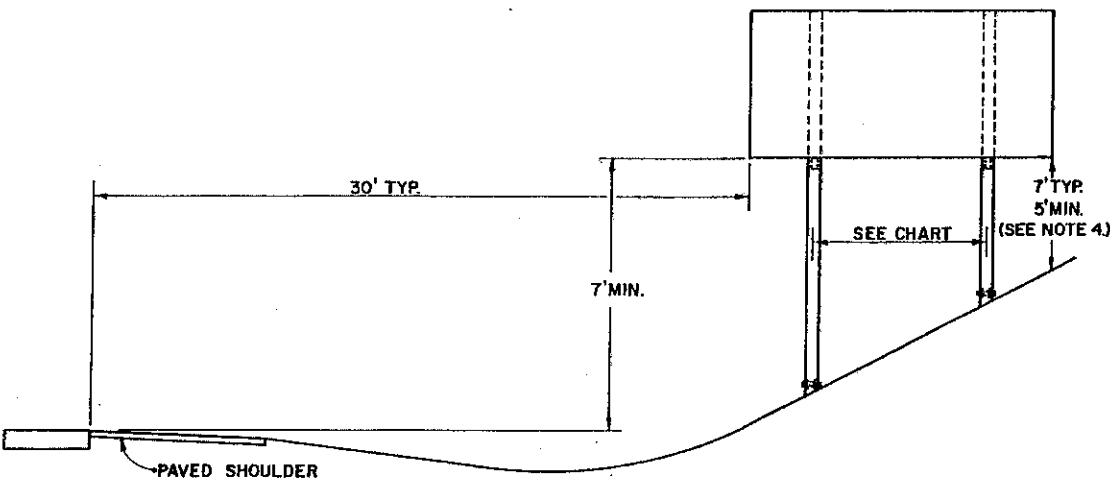


**TYPICAL INSTALLATION WITH GUARDRAIL**

\* 8' MIN. WITH SUPPLEMENTAL PANEL.

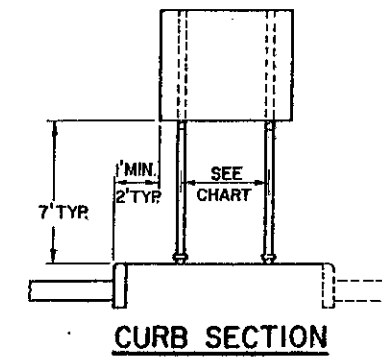
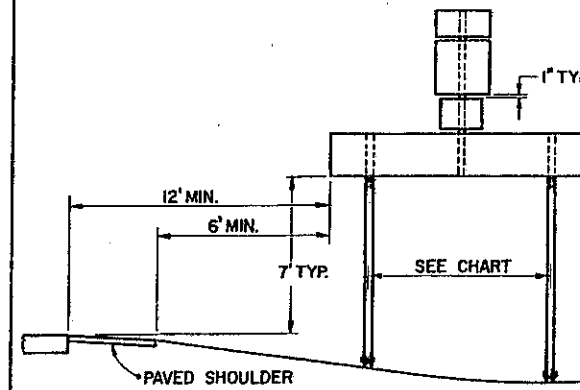


**TYPICAL INSTALLATION, FILL SECTION, 30' OFFSET**



**TYPICAL INSTALLATION, CUT SECTION, 30' OFFSET**

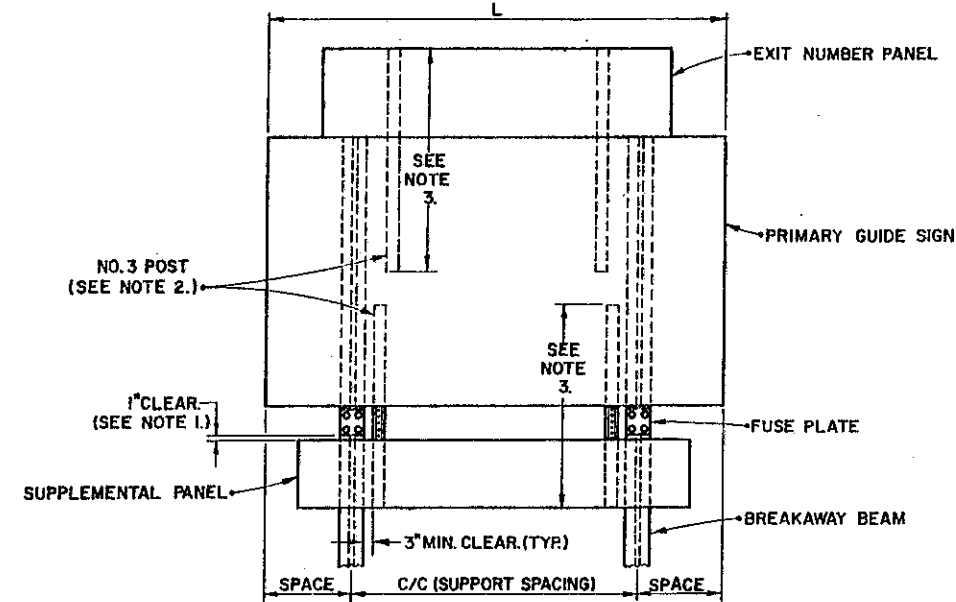
### STREETS-RAMPS-HIGHWAYS



**CURB SECTION**

### NOTES

- SUPPLEMENTAL PANELS SHALL BE MOUNTED ONE (1) INCH BELOW THE FUSE PLATE ON BREAKAWAY BEAM INSTALLATIONS AND ONE (1) INCH MINIMUM BELOW THE GUIDE SIGN WHEN THE SIGN SUPPORTS ARE RIGID BEAMS.
- NO. 3 POST SHALL BE ATTACHED TO BOTH THE GUIDE SIGN AND THE EXIT NUMBER OR OTHER SUPPLEMENTAL PANELS BY MOUNTING CLIPS FASTENED ALTERNATELY AT EACH HORIZONTAL EXTRUSION AND BOTH SIDES AT THE TOP AND BOTTOM OF THE POSTS. NO CONNECTIONS SHALL BE MADE BETWEEN THE SUPPLEMENTAL PANEL AND BREAKAWAY BEAMS.
- LENGTH OF POST SHALL BE 2.5 TIMES THE HEIGHT OF THE SUPPLEMENTAL PANEL. THE POST SPACING SHALL BE AS PER THE SUPPORT SPACING CHART.
- USE 5'-0" MINIMUM IF BACK SLOPES ARE GREATER THAN 3:1.



**SUPPLEMENTAL PANEL ATTACHMENT**

SUPPORT SPACING CHART								
L (feet)	2 SUPPORTS			3 SUPPORTS				
	SPACE	C/C	SPACE	L (feet)	SPACE	C/C	C/C	SPACE
5	1.10	2.80	1.10	20	1.50	8.50	8.50	1.50
6	1.32	3.36	1.32	21	2.00	8.50	8.50	2.00
7	1.54	3.92	1.54	22	2.50	8.50	8.50	2.50
8	1.76	4.48	1.76	23	3.00	8.50	8.50	3.00
9	1.98	5.04	1.98	24	3.36	8.64	8.64	3.36
10	2.20	5.60	2.20	25	3.50	9.00	9.00	3.50
11	2.42	6.16	2.42	26	3.64	9.36	9.36	3.64
12	1.75	8.50	1.75	27	3.78	9.72	9.72	3.78
13	2.25	8.50	2.25	28	3.92	10.08	10.08	3.92
14	2.75	8.50	2.75					
15	3.25	8.50	3.25					
16	3.52	8.96	3.52					
17	3.74	9.52	3.74					
18	3.96	10.08	3.96					
19	4.18	10.64	4.18					

**BUREAU OF DESIGN SERVICES**  
DIVISION OF HIGHWAYS  
**OHIO DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL**

**TYPICAL SIGN PLACEMENT**  
**GUIDE SIGNS**

**STANDARD CONSTRUCTION DRAWING**

**TC-42.10**

APPROVED: *E. J. [Signature]* Engineer of Design Services

DATE: 8/19/77