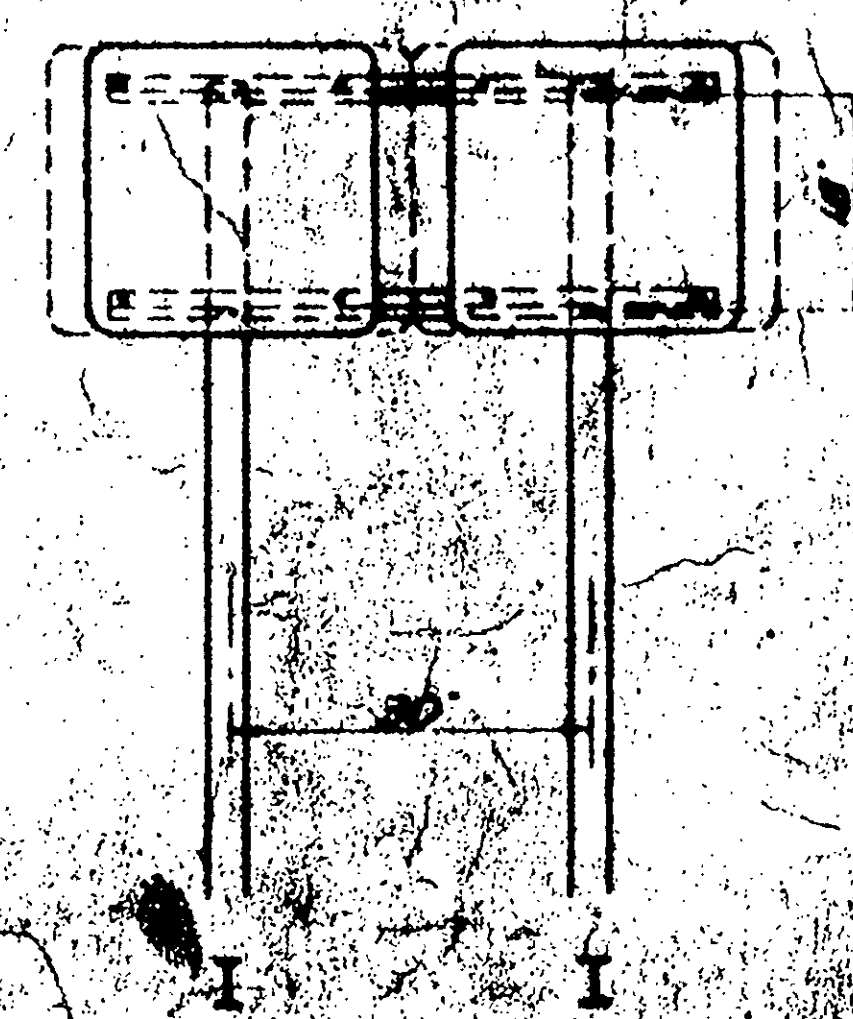
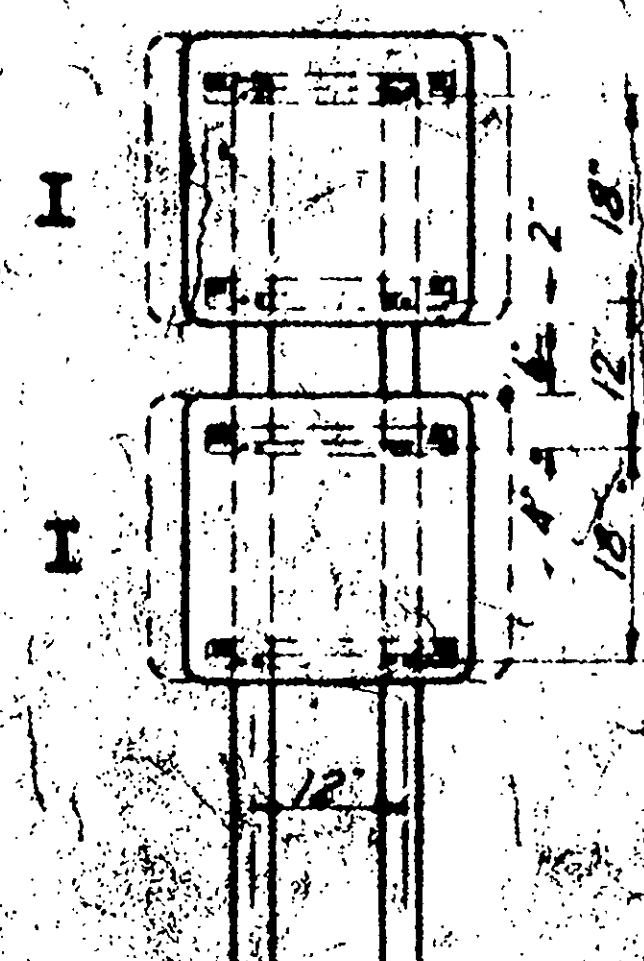


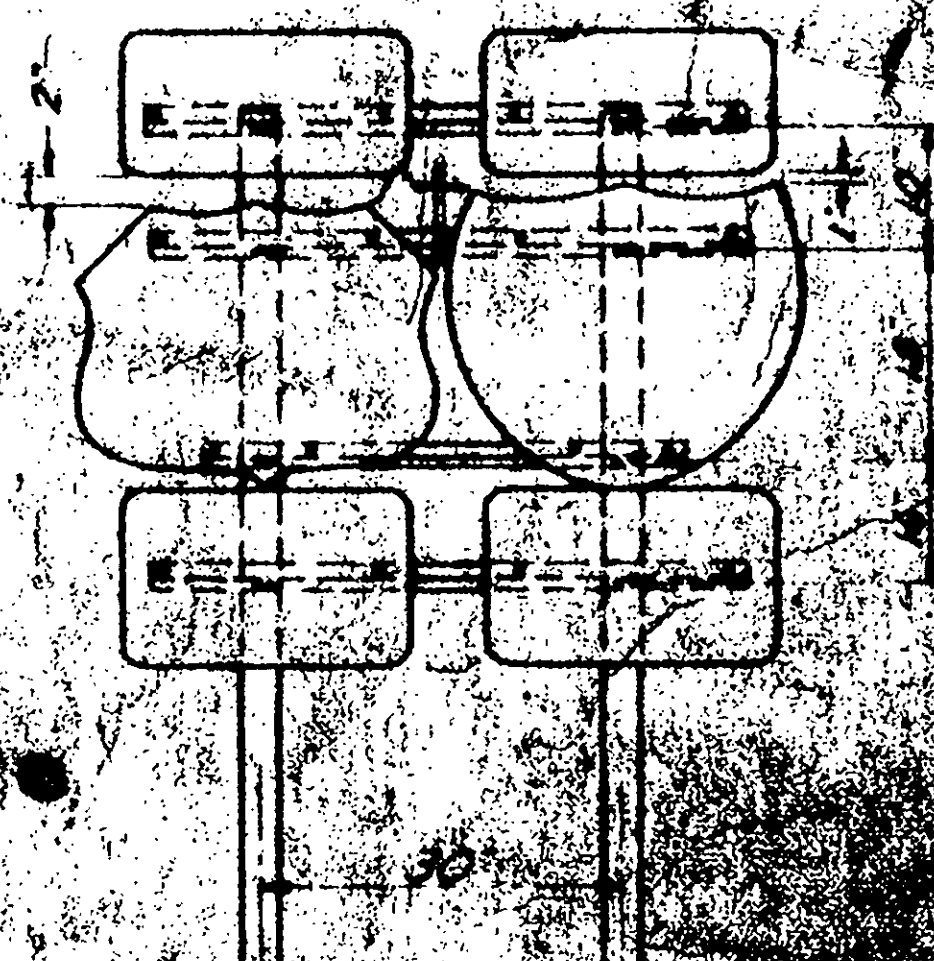
TYPICAL ASSEMBLIES



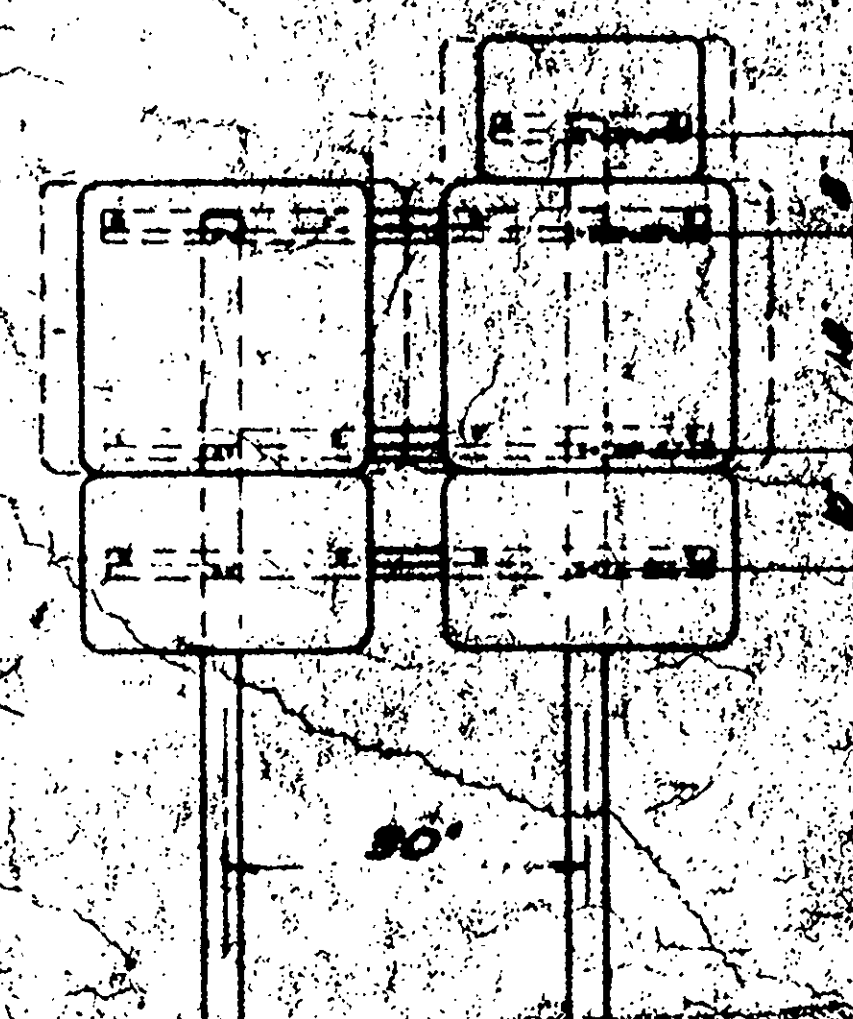
ITEM 645.2690



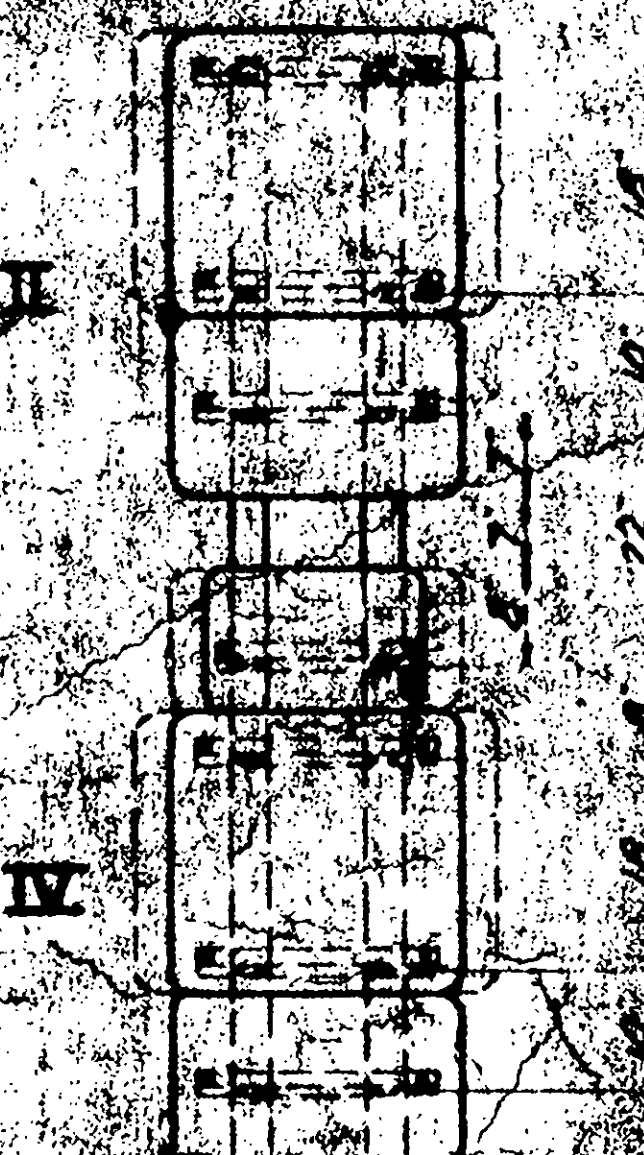
ITEM 645.2699



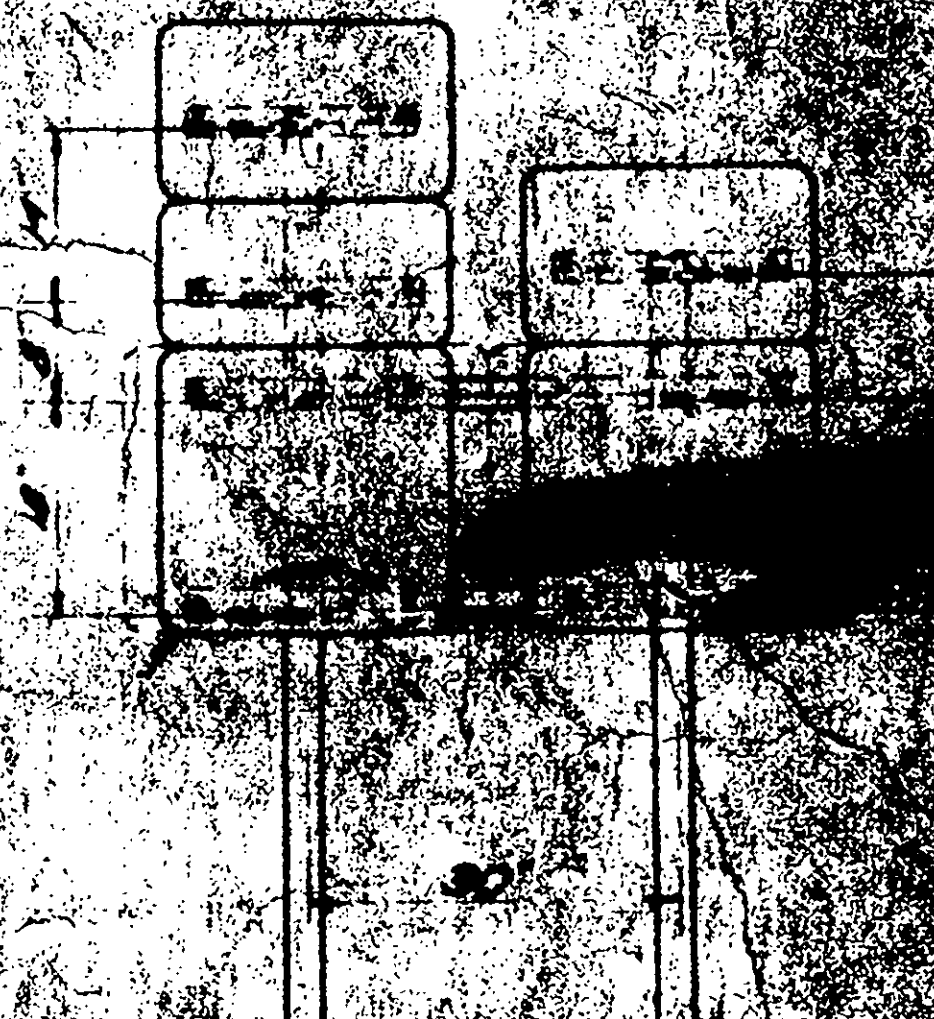
ITEM 645.2700



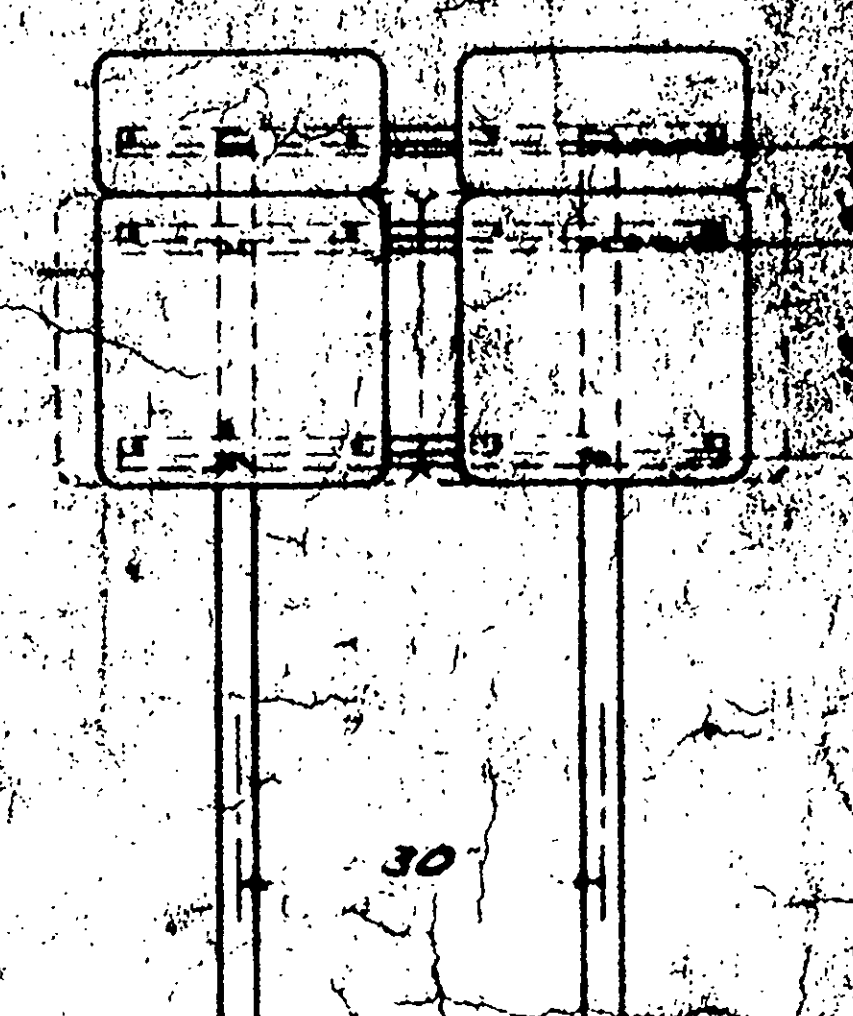
ITEM 645.2720



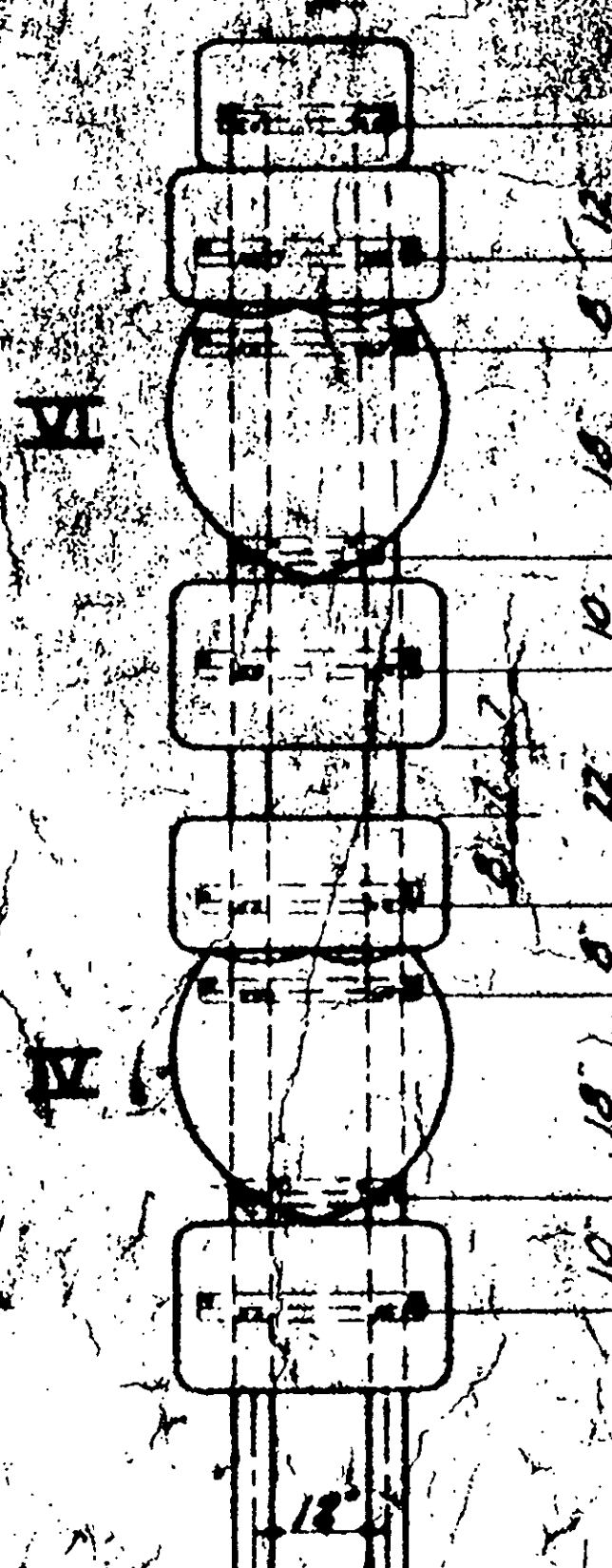
ITEM 645.2729



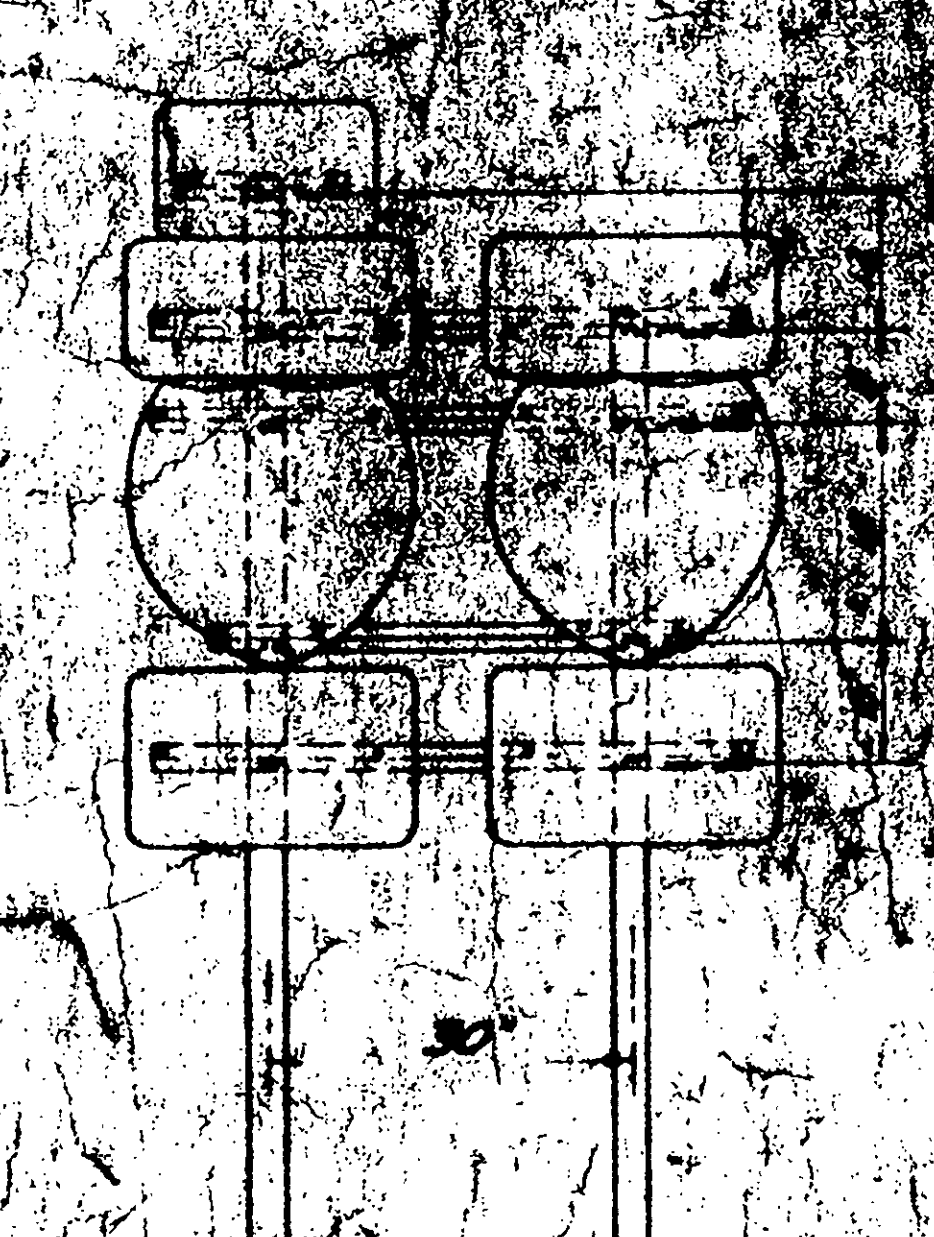
ITEM 645.2750



ITEM 645.2740



ITEM 645.2779



ITEM 645.2770

I thru VIII = Panel Group (See SINGLE TRAFFIC SIGNS, ROUTE MARKER SIGN ASSEMBLIES sheet)

DOUBLE ROUTE MARKER ASSEMBLIES

ITEM	Panel Groups		POST MATERIAL	WIND ZONE		
	LT	RT		A	B	C
645.2700	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2709	I	III	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2710	I	III	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2719	I	III	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2720	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2729	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2730	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2739	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2740	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2749	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2750	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2759	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2760	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2769	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2770	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2779	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2780	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2789	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2790	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2799	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2800	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2809	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2810	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2819	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2820	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2829	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2830	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2839	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2840	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2849	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2850	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2859	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2860	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2869	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2870	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2879	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2880	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2889	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2890	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2899	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2900	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2909	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2910	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2919	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2920	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2929	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2930	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2939	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2940	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2949	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2950	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2959	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2960	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2969	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2970	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2979	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2980	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2989	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2990	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139
645.2999	I	I	Steel	13' x 24' x 1/4"	13' x 24' x 1/4"	13' x 24' x 1/4"
			Aluminum	4W(A) NI139	4W(A) NI139	4W(A) NI139

Panel Groups may be interchanged at top and bottom on horizontal assemblies

NOTES

1. Both H-Members holding route markers shall be continuous on all side by side assemblies. Assemblies interchangeable right and left H-Members may be longer than specified, however ends shall not project beyond the edge of the sign panels.

Panel type & size	H-Member length C-C end holes (total 1 mm)	
	Upper	Lower
24" x 24"	48"	48"
30" x 24"	51"	51"
US (Both)	47" (48")	43"
Int (Both)	48"	43"
Twy 24"	43"	43"
30" x 24"	54"	54"
US (Both)	50" (51")	46"
Int (Both)	51"	46"
Twy 24"	46"	46"
US (Both)	46"	38"
Int (Both)	47" (48")	38"
Twy 24"	42"	38"
Int (Both)	42"	38"
Twy 24"	43"	38"
24" wide Aux	38"	38"
18"	Single 48"	45"
18"	42"	42"

2. H-Members for auxiliaries shall be continuous whenever 2 are used in horizontally opposite positions.

3. Panel groups may be assembled in an alternate vertical grouping with a minimum of 6" between top & bottom panel groups. Vertical assemblies shall be designated by the numeral 9 in the last place in the item number, i.e. 645.2779. Post sizes shall be the same as for horizontal assemblies.

4. H-Members for vertical panel groups assemblies (Item 645.2779) shall be same as for single post assemblies except that the minimum length shall be 13'.

5. When 20" round Thruway Trailblazers are required on horizontal assemblies they shall be centered between top and bottom auxiliaries using short 2" bar spacers. H-Members for auxiliary panels shall be continuous. Those for route markers shall be in accordance with single post assemblies. When used on vertical assemblies Trailblazer panels shall butt with auxiliary panels.

6. When US route markers occur in assemblies containing Interstate panels or h use only panels e and f for the US route marker. Panel types are as shown on Standard Sheet titled SINGLE TRAFFIC SIGNS ROUTE MARKER SIGN ASSEMBLIES.

Approved: July 10 1973
George W. McAlpin
 GEORGE W. McALPIN Chief Engineer

Approved: July 9 1973
Malcolm D. Graham
 MALCOLM D. GRAHAM Deputy Chief Engineer
 (Facilities Design)

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 DESIGN AND CONSTRUCTION DIVISION

DUAL TRAFFIC SIGNS
 ROUTE MARKER SIGN ASSEMBLIES

DWG. NO. 645-10

No Scale

IN CHARGE OF: U. G. Buckle DETAILED BY: R. Hathaway TRACED BY: R. Hathaway CHECKED BY: H. Stodder CM, VE