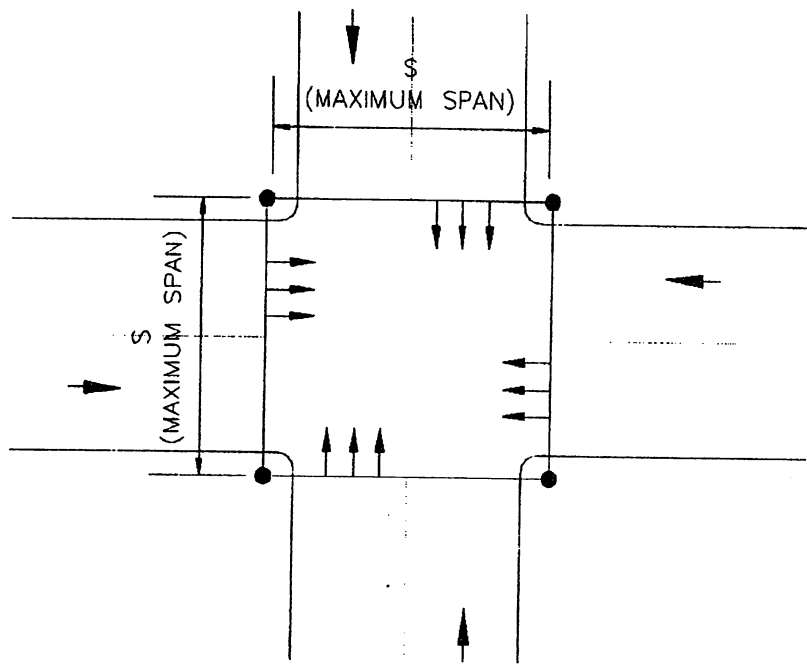


DIAGONAL CONFIGURATION



SQUARE OR RECTANGULAR CONFIGURATION

Diagonal Configuration:

Pole Type	Maximum Pole Height above finished grade (ft) H	Maximum Span (ft) S	Minimum Sag (ft)	Maximum Number of three lens faces	Maximum Number of five lens faces
SW200	45	40	3.0	4	4
	55	40	3.0	4	4
	45	60	4.5	8	4
	55	60	4.5	8	4
	45	80	6.0	8	4
	55	80	6.0	8	4
	45	100	7.5	8	8
	55	100	7.5	8	8
	45	115	9.0	12	8
	55	115	9.0	12	8
SW300	45	130	10.0	12	8
	55	130	10.0	12	8
	45	140	10.5	12	8
	55	140	10.5	12	8
	45	150	11.5	12	8
	55	150	11.5	12	8
	45	180	13.5	12	8
	55	180	13.5	12	8
	45	200	15.0	12	8
	55	200	15.0	12	8
SW360	45	40	3.0	1	1
	45	40	3.0	1	1
	45	60	4.5	2	1
	45	60	4.5	2	1
	45	80	6.0	2	1
	45	80	6.0	2	1
	45	100	7.5	2	2
	45	100	7.5	2	2
	45	115	9.0	3	2
	45	115	9.0	3	2
SW200	45	130	10.0	3	2
	45	130	10.0	3	2
	45	140	11.0	3	2
	45	140	11.0	3	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2

Square or Rectangular Configuration:

Use this table for signal configuration with one (1), two (2) and three (3) sides

Pole Type	Maximum Pole Height above finished grade (ft) H	Maximum Span (ft) S	Minimum Sag (ft)	Maximum Number of three lens faces	Maximum Number of five lens faces
SW200	45	40	3.0	1	1
	45	40	3.0	1	1
	45	60	4.5	2	1
	45	60	4.5	2	1
	45	80	6.0	2	1
	45	80	6.0	2	1
	45	100	7.5	2	2
	45	100	7.5	2	2
	45	115	9.0	3	2
	45	115	9.0	3	2
SW200	45	130	10.0	3	2
	45	130	10.0	3	2
	45	140	11.0	3	2
	45	140	11.0	3	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2
	45	150	11.5	4	2

GENERAL NOTES:

1. THE LOCATION OF LANE LINES AND CURB OFFSET MAY VARY ON EACH PROJECT AND ARE SHOWN FOR ILLUSTRATIVE PURPOSE ONLY.
2. THE CONTRACTOR MAY ELECT TO CAST-IN-PLACE THE CONCRETE FOUNDATION OR PROVIDE PRE-CAST FOUNDATION IN ACCORDANCE WITH THESE STANDARD PLANS AND APPROVED SHOP DRAWINGS.
3. IN THE CASE OF CAST-IN-PLACE FOUNDATION, THE CONCRETE SHALL BE POURED AGAINST UNDISTURBED SOIL.
4. IN THE CASE OF PRE-CAST FOUNDATIONS, THE SPACE BETWEEN THE EXCAVATION AND THE PRE-CAST FOUNDATION SHALL BE FILLED WITH DRY SAND MEETING THE REQUIREMENTS OF SPECIFICATION 703-1. AFTER PLACEMENT, THE SAND SHALL BE COMPACTED BY SATURATION.
5. ACTUAL SIGNALS AND SIGNS SHALL BE AS PER THE STANDARD DRAWINGS AND PLANS.
6. THE BOTTOM OF ALL SIGNAL HEADS ON EACH APPROACH SHALL BE AT THE SAME LEVEL.
7. AT EACH LOCATION, THE CONTRACTOR SHALL PROVIDE THE POLE TYPE INDICATED IN THE PLANS. IF THE POLE TYPE IS NOT INDICATED IN THE PLANS, THE CONTRACTOR SHALL USE THE POLE TYPE INDICATED IN THE APPROPRIATE TABLE OF THIS STANDARD DRAWING FOR EACH SPAN AND NUMBER OF SIGNAL HEADS.

EFFECTIVE DATE: DECEMBER 2000

COMMONWEALTH OF PUERTO RICO
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 HIGHWAY AND TRANSPORTATION AUTHORITY

RECOMMENDED BY

DEPUTY EXEC. DIR. FOR
 TRAFFIC AND TOLL ROADS
 DATE: 7-11-00

APPROVED BY:

EXECUTIVE DIRECTOR
 DATE: 7-11-00

TRAFFIC SIGNALS
 SPAN WIRE
 CONFIGURATIONS

DATE REVISION BY

STD. TRSI
 DWG. 24B OF 40