

NOTES TO DESIGNER:

THIS CHART WAS DEVELOPED FOR USE BY ROADWAY DESIGN AND HYDRAULICS (IN CONJUNCTION WITH FIGURE 11-3) TO DETERMINE SUPERSTRUCTURE DEPTHS.

FOR SPAN LENGTHS UP TO 160 FEET, ADEQUATE VERTICAL CLEARANCE SHOULD HAVE BEEN PROVIDED TO ALLOW FLEXIBILITY IN SELECTING THE TYPE OF SUPERSTRUCTURE.

DESIGN SPAN	SUPERSTRUCTURE DEPTH *
39' - 55'	4'-0"
> 55' - 75'	4'-8"
> 75' - 100'	5'-5"
> 100' - 115'	6'-3"
> 115' - 125'	6'-11"
> 125' - 150'	7'-3"
> 150' - 160'	7'-7"
> 160'	CONSULT WITH SMU

* DEPTHS SHOWN ARE FROM TOP OF SLAB DIRECTLY OVER EXTERIOR GIRDER TO BOTTOM OF DEFLECTED GIRDER. THE SUPERSTRUCTURE DEPTH MUST BE ADJUSTED FOR CROWN DROP.

BRIDGE SUPERSTRUCTURE DEPTH

FIGURE 6 - 1

NOTES TO DESIGNER:

THIS CHART WAS DEVELOPED FOR USE BY ROADWAY DESIGN AND HYDRAULICS (IN CONJUNCTION WITH FIGURE 11-3) TO DETERMINE SUPERSTRUCTURE DEPTHS.

FOR SPAN LENGTHS UP TO 48.5m, ADEQUATE VERTICAL CLEARANCE SHOULD HAVE BEEN PROVIDED TO ALLOW FLEXIBILITY IN SELECTING THE TYPE OF SUPERSTRUCTURE.

DESIGN SPAN	SUPERSTRUCTURE DEPTH *
12.0 - 16.8	1.19
> 16.8 - 22.9	1.43
> 22.9 - 30.5	1.65
> 30.5 - 35.1	1.89
> 35.1 - 38.1	2.10
> 38.1 - 45.5	2.20
> 45.5 - 48.5	2.3
> 48.5	CONSULT WITH SMU

* DEPTHS SHOWN ARE FROM TOP OF SLAB DIRECTLY OVER EXTERIOR GIRDER TO BOTTOM OF DEFLECTED GIRDER. THE SUPERSTRUCTURE DEPTH MUST BE ADJUSTED FOR CROWN DROP.

BRIDGE SUPERSTRUCTURE DEPTH

FIGURE 6 - 1 M