

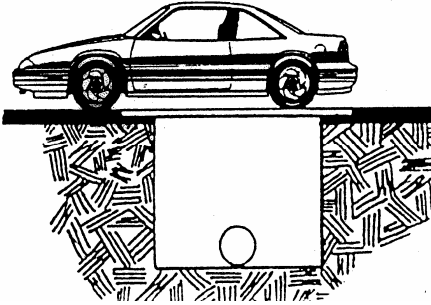
# PRO-TEC

EQUIPMENT, INC.

## Street Crossing Plates

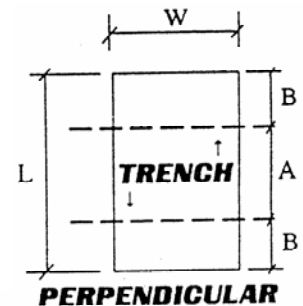
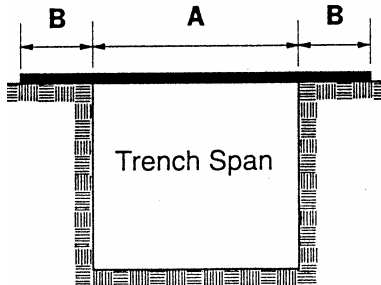
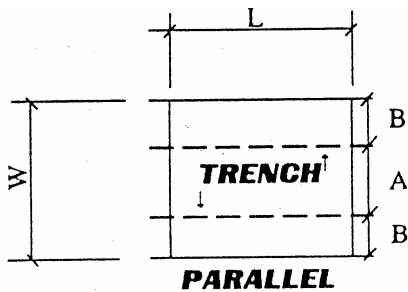
*For rent to contractors, municipalities and utility companies.*

- Street crossing of utilities
- Temporary access over unstable terrain
- Avoid unnecessary back filling



**General notes:** (1) Trench widths are based on an analysis per the 14th edition of the “standard specification for highway bridges” by A.A.S.H.T.O. An assumed axle loading of 12 tons with a 30% impact factor was used. The axle length is 6 feet; therefore the number of wheels carried by a plate depends on the roadway width. (2) The plates are fabricated from A.S.T.M. A36 steel. Plate shall be secured from lateral movement while in use by means of materials such as asphalt-base cold mix.

**Street plates have not been engineered by Pro-Tec to be used in a trench shoring applications. If used for shoring, the engineering design is the responsibility of others.**



### Application Table

WIDTH "W" • FT.	LENGTH "L" • FT.	THICK- NESS	WEIGHT (LBS.)	PARALLEL		PERPENDICULAR	
				"A"	"B"	"A"	"B"
4	8	1"	1300	24"	12"	48"	24"
5	10	1"	2160	30"	15"	60"	30"
8	12	1"	4100	48"	24"	72"	36"
8	20	1"	6530	48"	24"	72"	84"

W = Width of Plate  
L = Length of Plate

A = Maximum Trench Width (span)  
B = Minimum Plate Overlap

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