



Bridge Design Details 3.5 August 2019

Falsework Requirements

To ensure that traffic handling is given proper consideration in the early design and planning stages, it is necessary to identify traffic handling and falsework assumptions as early as possible.

This information is described by placing the falsework requirements and traffic notes decal (shown below) on the GENERAL PLAN sheet before Type Selection and GENERAL PLAN Distribution milestone. Remove the decal before the UNCHECKED DETAILS milestone.

Vehicular Traffic

1. New alignment. No traffic at the site.
2. Traffic will be detoured away from the site.
3. Traffic will be carried on the structure.
Stage construction will/will not be required.
4. Traffic will pass under the structure on _____ (Name of St. or Hwy.)
 - A. No falsework allowed over traffic.
 - B. Falsework opening(s) required:

Temporary Vertical Clearance	Width of Traffic Opening
_____ Bnd _____	_____
_____ Bnd _____	_____
_____ Two-way _____	_____
 - C. Temporary traffic lane reduction needed for footing excavation.

Pedestrian Traffic

Falsework opening required on _____ (Name of St.)

Location	Height	Width
_____	_____	_____

Railroad Traffic

Falsework opening required over _____ (Name of RR)

Vertical Clearance	Horizontal Clear Width
_____	_____

Figure 3.5.1 Falsework Requirements and Traffic Notes Decal

For more information regarding falsework openings; see *Highway Design Manual* and *Bridge Design Aids: 10-6 Clearance at Structures*.

If traffic requirements are not clearly indicated in the Bridge Site Submittal, the Structure Project Engineer should contact the District Project Engineer to obtain clarification on assumptions before Type Selection.