CON-STRUCT PREFABRICATED BRIDGE SYSTEM
STANDARD PLANS

SINGLE TUB SERIES - 30' THROUGH 60'

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NOTICE:
THESE DRAWINGS ARE FURNISHED ONLY FOR THE USE OF THIS PROJECT. THE PROPRIETARY INFORMATION SHOWN HEREIN IS NOT TO BE TRANSMITTED TO ANY OTHER ORGANIZATION WITHOUT AUTHORIZATION FROM TRICON PRECAST, LTD.
GENERAL NOTES:

Concrete strength ~ f'c = 6,000 psi.

All reinforcing shall be Grade 60.

Concrete strength ~ f'c = 6,000 psi.

If post-tensioning is required:

The post-tensioning duct shall be grouted with non-shrink cementitious grout. After tensioning, the post-tensioning duct shall be pressure grouted with non-shrink cementitious grout.

The post-tensioning System shall include post-tensioning duct, high-strength steel strand, anchorage, anchorage zone reinforcement and steel bearing plates.

Post-Tensioning System shall provide post-tensioning duct (transmission duct) for anchorage zone reinforcement and steel bearing plates.

Post-Tensioning system shall be designed to meet the requirements of AASHTO LRFD.

Payment for furnishing the Post-Tensioning System is included in the Con-Struct Prefabricated Bridge System.

Payment for furnishing the Post-Tensioning System as included with the Con-Struct Prefabricated Bridge System.

After tensioning, the post-tensioning duct shall be pressure grouted with non-shrink cementitious grout.

See bearing standards for bearing details and dimensions.

Interior bents, may be formed with the details on this drawing. Multi-span units, with the slab continuous over joints (Stiffening Beams), may be formed with the details on this drawing.

See detailing and standards for steel anchorage.

Detailed drawings and standards for reinforced concrete, slab, and mortared grouted post-tensioned systems shall be furnished.

If post-tensioning is required:

Recess shall be grouted with non-shrink cementitious grout.

Payment for furnished non-metallic, non-shrink cementitious grout, for work performed, materials furnished and curing time, is considered subsidiary to other bid items.

Payment for furnished non-metallic, non-shrink cementitious grout, for work performed, materials furnished and curing time, is considered subsidiary to other bid items.

The lifting device shall be by equal loads to all sides of the lifting bridge units. The lifting device shall be provided with concrete slabs, concrete grout, or other means as specified.

Lifting the prefabricated bridge units shall be by equal loads to all sides of the lifting bridge units. The lifting device shall be provided with concrete slabs, concrete grout, or other means as specified.

Bar laps, where required, shall be as follows:

1'-6" ~ #4 = 2'-1"
2'-7" ~ #5 = 2'-7"
2'-9" ~ #4 = 1'-6"
2'-9" ~ #4 = 1'-9"
1'-9" ~ #4 = 2'-1"
1'-9" ~ #5 = 1'-9"