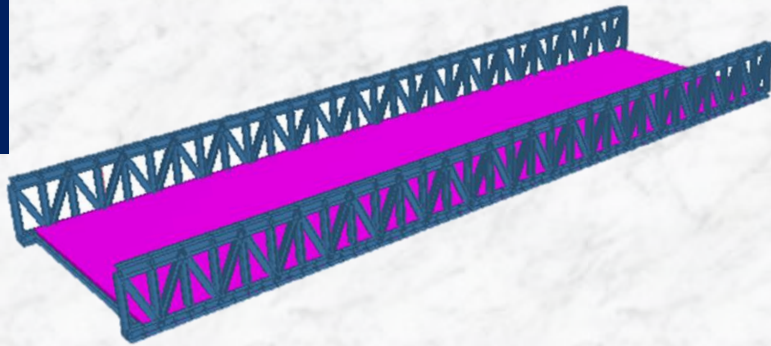


SCS TEMPORARY STEEL TRUSS BRIDGE



S. P. MULIA SDN BHD
Bridges & Reservoirs Contractor



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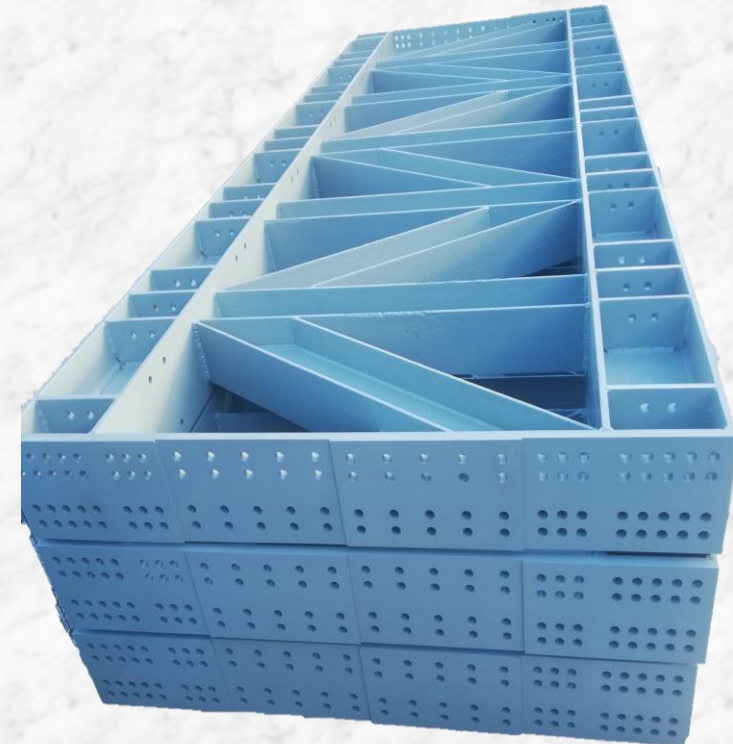


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SCS TEMPORARY STEEL TRUSS BRIDGE

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INTRODUCTION

- SCS Temporary Steel Truss Bridge is a **Pre-Fabricated** truss bridge that using **Main Truss System**.
- Simple truss design, which is follow the **Warren Through Truss** design.
- Its **Length** is **Flexibility**, can be combined up to 54m single long span.
- The width of the bridge is 4m (single carriageway) and 8m (dual carriageway).
- Designed to **HB30 Loading** followed the code of BS5400.
- Each of the segmented main truss (6m long) can be interlocked by custom made end plate (shear key) and tighten up with the high strength bolts & nuts.
- Precast deck slab panel is pinned on the secondary beam for easy installation and dismantling.



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ADVANTAGES

✓ Efficiency In Construction Process



✓ Heavy Loading Capacity



✓ Economical



✓ Can Be Reuse, 100% Recycle



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DETAILS

1. Main truss



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DETAILS

2. Secondary Beam



3. Precast Deck Slab Panel



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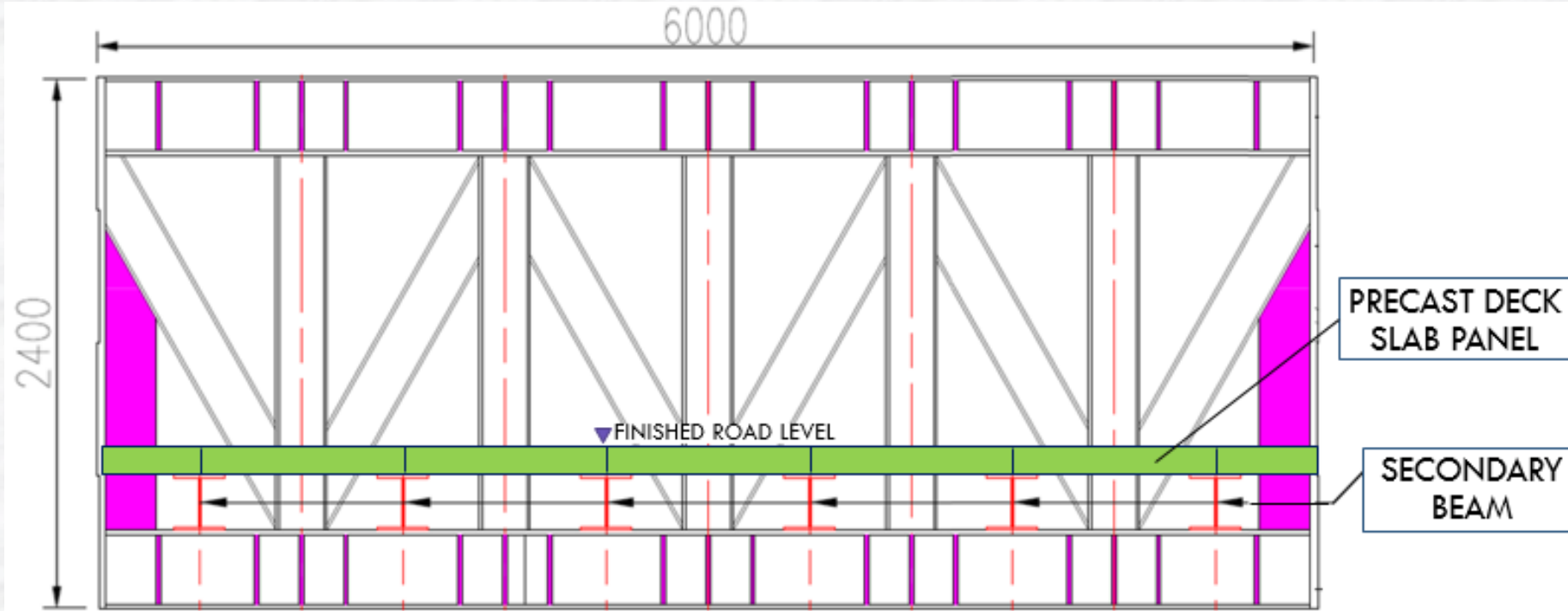
DETAILS



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MAIN TRUSS TYPICAL SECTION DETAIL

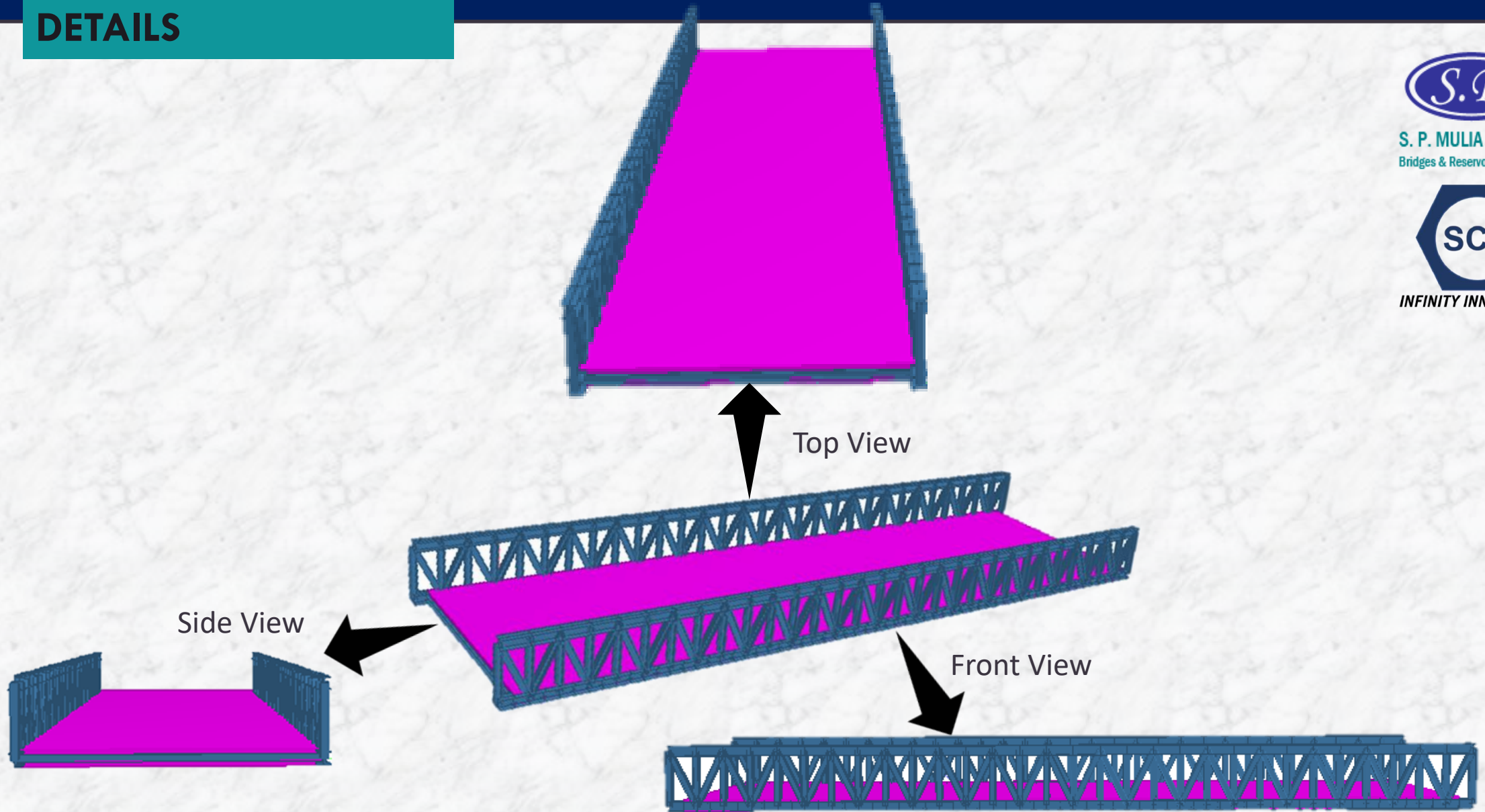
DETAILS



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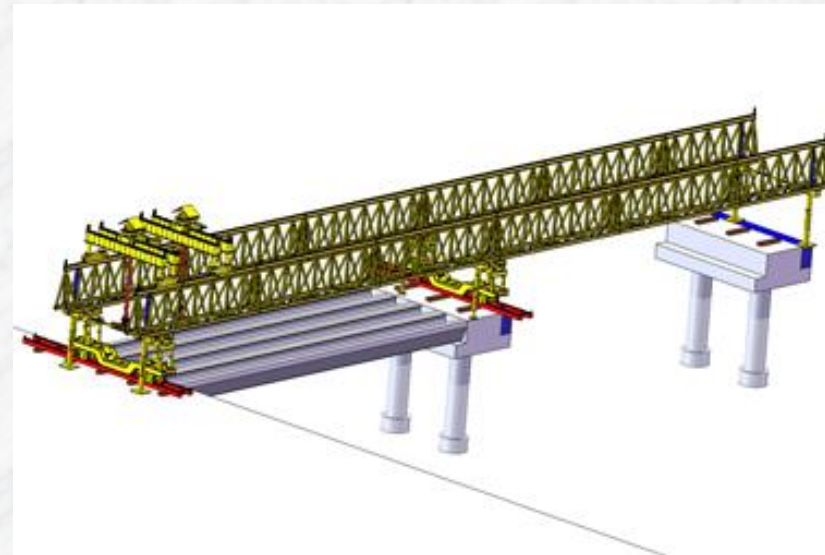


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APPLICATION

- Temporary Road Diversion
- Beam Launching Girder
- Temporary Supporting Structure



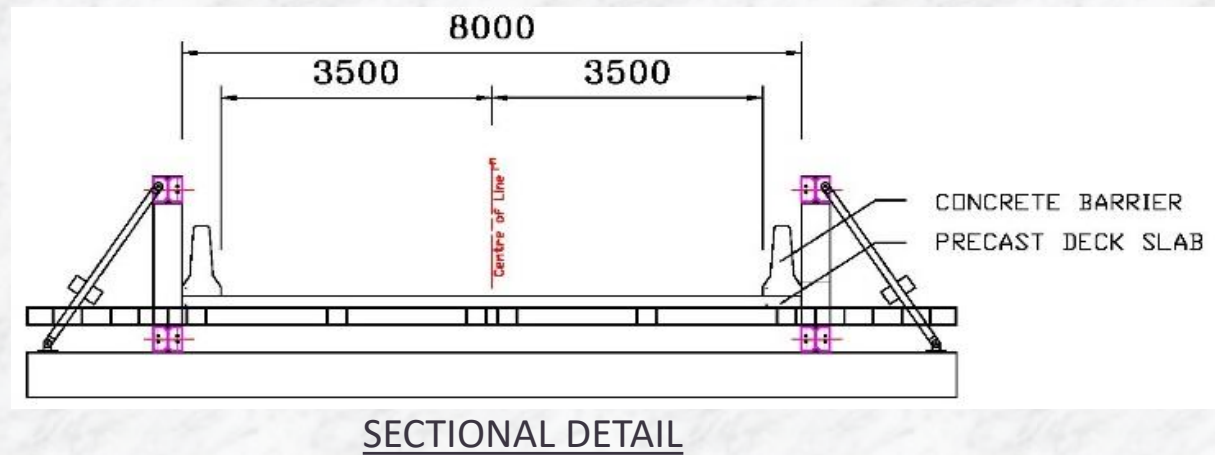
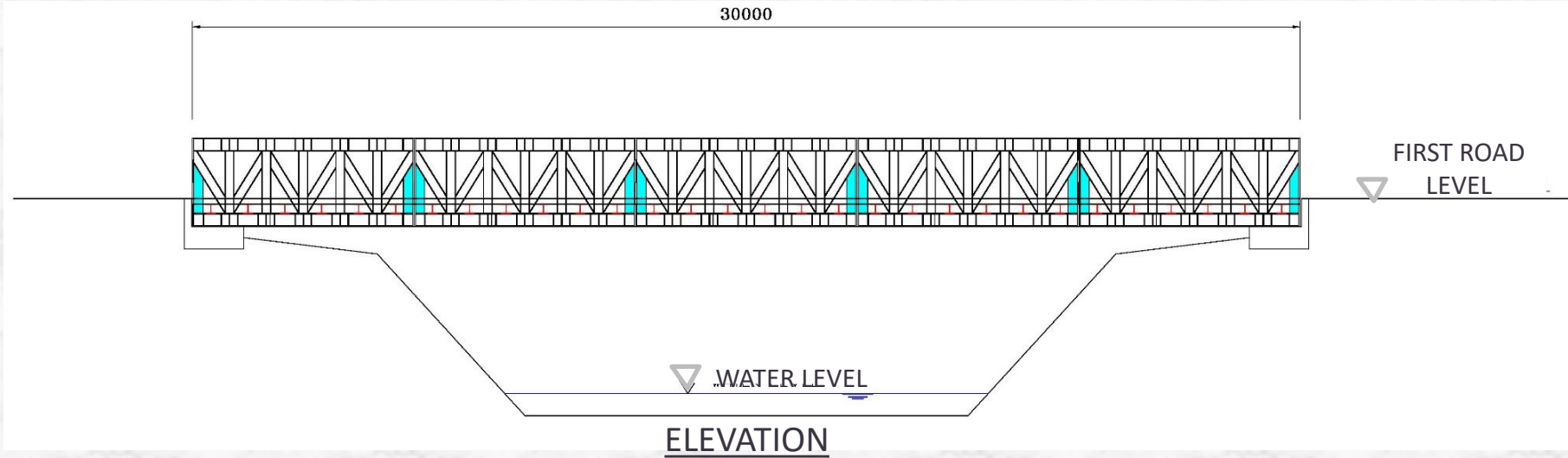
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APPLICATION

PROPOSED 30M SPAN X 8M WIDTH SCS TEMPORARY STEEL TRUSS BRIDGE



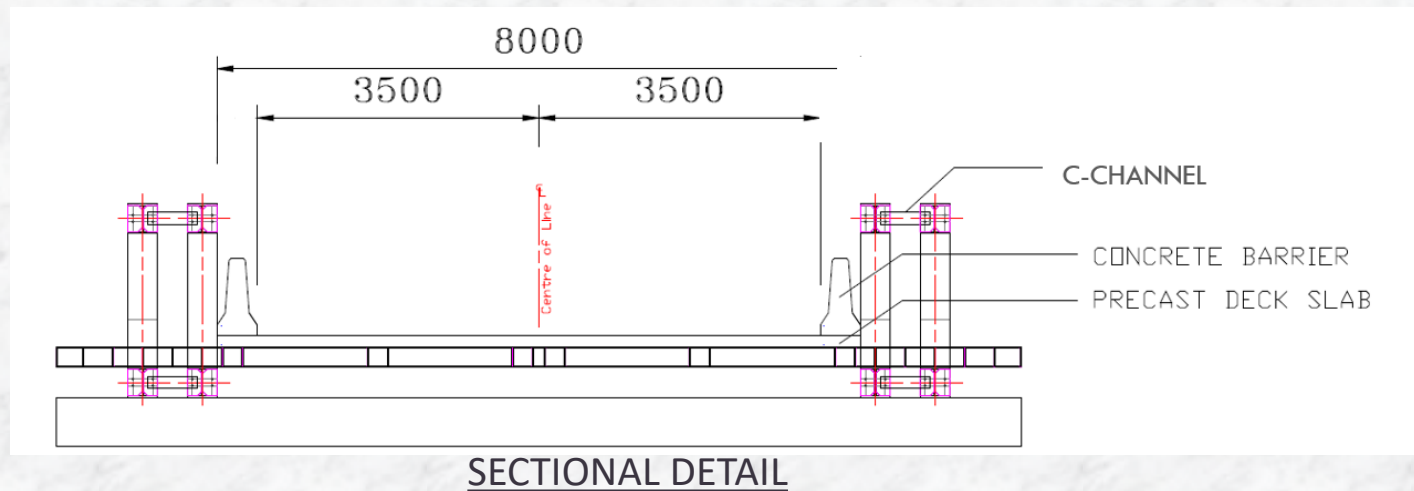
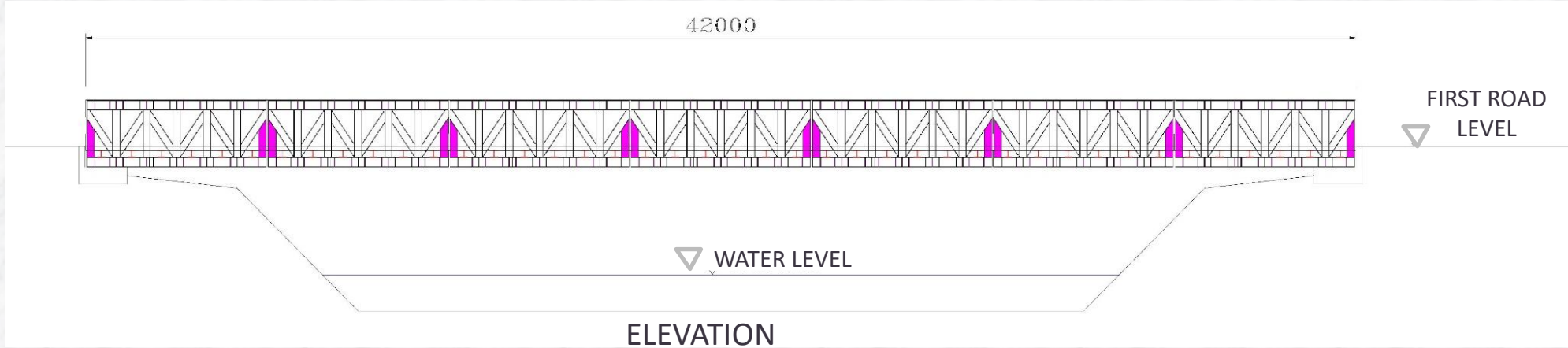
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APPLICATION

PROPOSED 42M SPAN X 8M WIDTH SCS TEMPORARY STEEL TRUSS BRIDGE



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APPLICATION

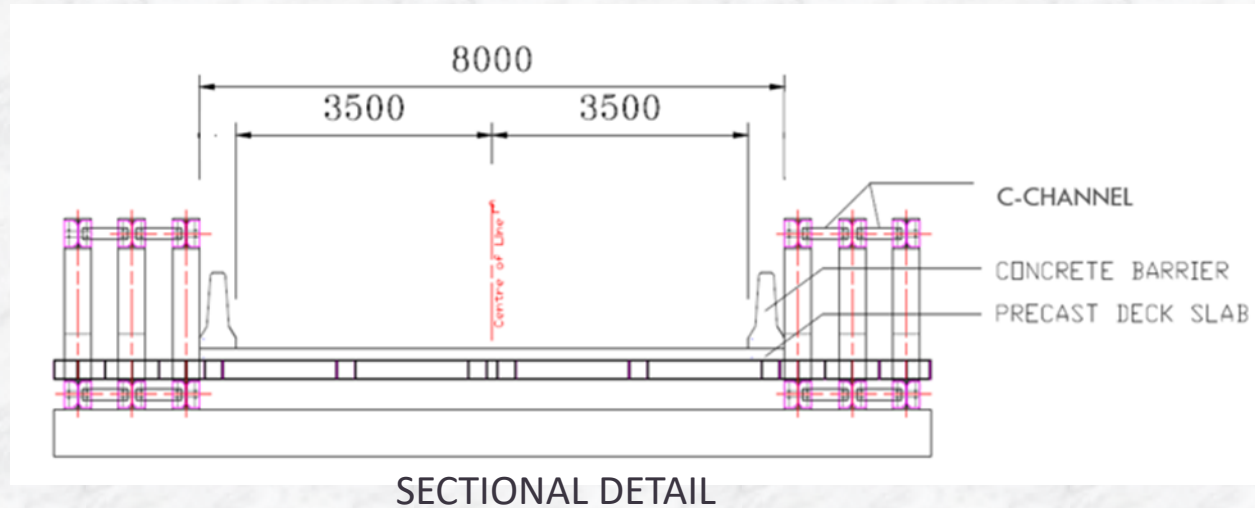
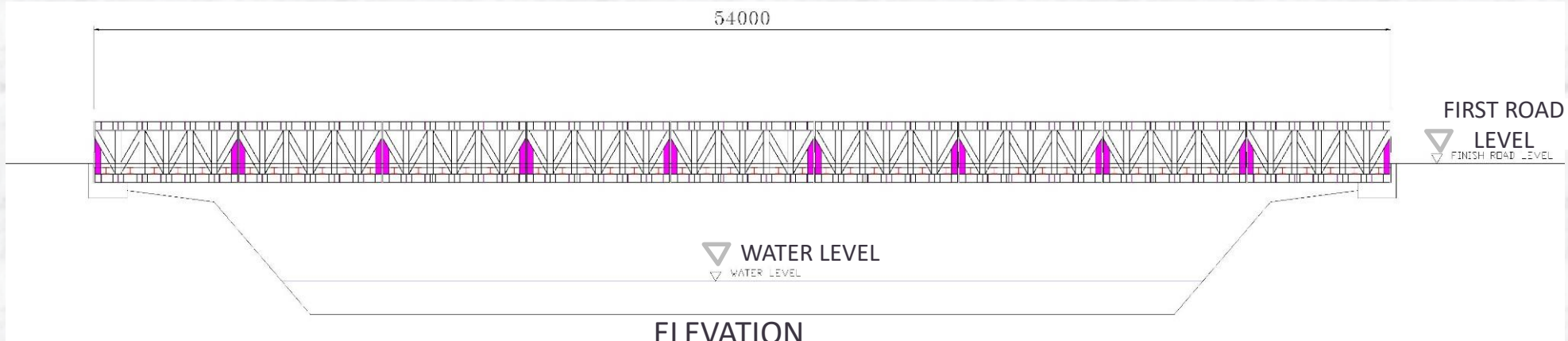
PROPOSED 54M SPAN X 8M WIDTH SCS TEMPORARY STEEL TRUSS BRIDGE



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THANK YOU



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