**PRECAST APPROACH SLAB NOTES**

**GENERAL NOTES**

PRECAST CONCRETE APPROACH SLAB ELEMENTS IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS SPECIFICATIONS EXCEPT AS NOTED OTHERWISE. THE CONTRACTOR MAY SUBSTITUTE ALTERNATE LEVELING DEVICES PROVIDED THEY CAN PROVIDE A STRUCTURE WITHIN THE SPECIFIED ERECTION TOLERANCES. einmal all required edges and corners etc. show estimated shipping weights for all precast elements on contract drawings.

**TOLEERANCES**

ALL PRECAST CONCRETE ELEMENTS ARE ASSEMBLED TO THE SPECIFIED DIMENSIONS WITHIN ACCEPTABLE TOLERANCES. THE DESIGNER SHOULD SPECIFY AND DETAIL ERECTION TOLERANCES. ELEMENTS ACCORDING TO STATE STANDARDS. RECOMMENDED MAXIMUM SIZES OF ELEMENTS: VERTICAL A MAXIMUM WIDTH OF THE ELEMENT INCLUDING ANY RECOMMENDED MAXIMUM SIZES OF ELEMENTS: SLEEPER SLABS. DETAIL SLABS ACCORDING TO STATE STANDARDS.

**IMPLEMENTATION**

IT IS THE DESIGNER'S RESPONSIBILITY TO DESIGN AND DETAIL ALL APPROACH SLAB ELEMENTS. INCLUDING BUT NOT LIMITED TO, COMPONENTS SUCH AS SLABS, DECKS, MASTS, ARMATURE REINFORCEMENT AND INSTALLATION DETAILS. DESIGN AND CHECK THE ELEMENTS FOR ALL APPLICABLE LOADS.

**CONCRETE NOTES**

PRECAST CONCRETE IN GENERAL, DESIGNERS SHOULD SPECIFY CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. THE MIX DESIGN SHOULD BE DETERMINED AND SPECIFIED BY THE DESIGN ENGINEER. THE CONTRACTOR MAY SUBSTITUTE OTHER CONCRETE STANDARDS IN ACCORDANCE WITH THE CONTRACT STANDARDS. THE CONTRACTOR SHOULD BE ADVISED THAT THE CONCRETE CASING WILL GAIN STRENGTH AND CURE IN A RAPID MANNER. MATERIALS MUST BE SELECTED TO SUIT THE PROJECT. IT IS RECOMMENDED THAT THE CONTRACTOR CHEAT WITH LOCAL READY MIX CONTRACTORS TO ESTABLISH CONCRETE STANDARDS AND MIX DESIGN.

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TYPICAL SECTION: SURFACE APPROACH SLAB AT INTEGRAL ABUTMENT

NOTES: CONCRETE SLAB SHOWN STEEL BEAM SIMILAR. SHIMS MAY BE USED IN LIEU OF LEVELING BOLTS (ALLOW ALTERNATIVES ON PLANS)

TYPICAL SECTION: SURFACE APPROACH SLAB AT CANTILEVER ABUTMENT

NOTES: CONCRETE SLAB SHOWN STEEL BEAM SIMILAR. SHIMS MAY BE USED IN LIEU OF LEVELING BOLTS (ALLOW ALTERNATIVES ON PLANS)

TYPICAL SECTION AT SLEEPER SLAB

NOTES: CONCRETE SLAB SHOWN STEEL BEAM SIMILAR. SHIMS MAY BE USED IN LIEU OF LEVELING BOLTS (ALLOW ALTERNATIVES ON PLANS)

TYPICAL SECTION: APPROACH SLAB END WITHOUT SLEEPER SLAB

NOTES: 1. EXCAVATE DESIGN END OF APPROACH SLAB END PRIOR TO INSTALLATION.
      2. SET APPROACH SLAB ON GRADE. ADJUST ELEVATION USING LEVELING DEVICES. SHIMS MAY BE USED IN LIEU OF LEVELING BOLTS (ALLOW ALTERNATIVES ON PLANS)
      3. FILL VOID UNDER SLAB END WITH CONTROLLED DENSITY FILL THOUGH EXCAVATION AND PORTS IN SLAB.
      4. CONSTRUCT APPROACH ROADWAY AND OVERLAY IF REQUIRED.