Notes:

- Transverse bars in slab shall be supported by individual bar chairs at approximately 2'-0" centers each way. Bottom longitudinal bars shall be supported by continuous bar chairs at approximately 4'-0" centers.
- All slab reinforcement dimensions and tolerances necessary to correct construction deficiencies, such as plus or minus tolerances, required for working drawings, shall be placed on top of the slab. It shall be designed and placed after laying the form and prior to the first cut for concrete.
- Camber spans as shown to provide for dead load deflection and future use. Camber does not include allowance for form settlement.
- Piers to be placed after placing the slab elevations at the edge of piers and as designed. Place elevations along exterior lines and drawn on 1'-0" scale. Elevations on as-built plans, see 18.03.

Designer Notes:

- The maximum allowable skew angle of structure shall be 30°.
- All bar species shall be based on class "B" bending lap splice.
- Use optional longitudinal joints when overall slab width is over 5'-0".
- For bridges located in remote areas, optional transverse joint shall be provided at the 2'-0" and 8'-0" points. Use additional bar reinforcement as necessary to correct construction discrepancies.
- All transverse bar steel shall be placed on the slab.
- Floor drains are to be omitted from slab structures where possible. If floor drains are required, place them at the 2'-0" and 8'-0" points. Use additional bar reinforcement as necessary to correct construction discrepancies.
- Use optional wall type piers shall be used on most structures. Consider various wall type piers that are used for the support of the structure for more information.
- On the plans, provide centerlines at the 5'-0" points of all spans. Also provide the top of slab elevations at the reference line for crown and outside edges of slab at 5'-0" points. See standards.

Bending Moment Is 0'-0" at 4'-0" Spaced Structural Approach Slab (15") is Used.

Reinforcement in slab must meet temperature and shrinkage requirements.
STAGED CONSTRUCTION. SHALL BE POURED AFTER FALSEWORK HAS BEEN RELEASED, EXCEPT FOR PARAPETS, SIDEWALKS AND MEDIANS PLACED ON TOP OF THE SLAB FORM SETTLEMENT.

CAMBER AND SLAB THICKNESS DIAGRAM

Camber shown is based on 3 times dead load deflection. Camber spans as shown to provide for dead load deflection and future creep, camber does not include allowance for form settlement.

PARAMETERS, SPANS AND VARIOUS PLACES ON TOP OF THE SLAB SHALL BE PLACED AFTER FALSEWORK HAS BEEN RELEASED. DETAILS FOR Staged Construction.

TO DETERMINE FALSEWORK ELEVATION AT EDGE OF SLAB, CROWN OR REFERENCE LINE FOLLOW THIS PROCEDURE:


top of slab elevation at final grade = top of slab thickness + form settlement/deflection due to placement of slab concrete (to be computed by the contractor)

equals = top of slab falsework elevation.

SURVEY TOP OF SLAB ELEVATIONS

SHOW FOR EACH SPAN

<table>
<thead>
<tr>
<th>% BLC</th>
<th>SUPPORT NAME</th>
<th>1/10</th>
<th>2/10</th>
<th>3/10</th>
<th>4/10</th>
<th>5/10</th>
<th>6/10</th>
<th>7/10</th>
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<td>FILL 2</td>
<td>CROWN AND/OR</td>
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NOTES

Fill in the table of "Survey Top of Slab Elevations" for each span on as-built plans.

Concrete Slab Details

BUREAU OF STRUCTURES

STANDARD 16.03

Bill Oliva

APPROVED

DATE

STANDARD 16.03

1-21