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 Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detailsheets/index.html
 File => ...\1\202007-xs1-120-1.dgn USERNAME => "s136236"
 TIME PLOTED => 10:15:30 AM
 DATE PLOTED => 7/15/2020
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 UNIT: 0
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 PROJECT NUMBER & PHASE:
 CON

|     | DIST  | COUNTY | ROUTE | POST MILES<br>TOTAL PROJECT | SHEET<br>No. | TOTAL<br>SHEETS |  |
|-----|---|--------|-------|-----------------------------|--------------|-----------------|--|
|     |   |        |       |                             |              |                 |  |
| Ţур | PLANS APPROVAL DATE   |        |       |                             |              |                 |  |
|     | The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.<br>$x_{A,P} = \frac{x_{A,P}}{C_{A,P}} + \frac{x_{A,P}}{C_{A,$ |        |       |                             |              |                 |  |
|     | The Registered Civil Engineer for the project is responsible for the selection<br>and proper application of the component design and any modifications shown.   |        |       |                             |              |                 |  |
|     |   |        |       |                             |              |                 |  |

SEE "STRAND EXTENSION HOOK DETAIL FOR CONTINUITY DIAPHRAGM (AT BENT)"

## NOTES:

- The Jacking Force (P) is the force required at the center of the span before all design losses. The jacking force does not include any fabrication specific losses.
- 2. Concrete Strength:  $f'_{ci}$  is at time of initial stressing  $f'_c$  is the 28-day compressive strength
- 3. Deflection components will be used to set screed line elevations.
- 4. Screed line elevations for deck concrete will be determined by the Engineer.
- 5. Prestressing strand shall be 270 ksi low relaxation.
- 6. For "DETAIL C", see "PC/PRETENSIONED I GIRDER (MISC DETAILS) sheet.
- \* ENGINEER TO FILL IN THESE VALUES, THEN DELETE THIS NOTE

|            | GIRDER                     | A, B, C, ¥                    |                    |
|------------|----------------------------|-------------------------------|--------------------|
| ROW<br>No. | TOTAL<br>No. OF<br>STRANDS | NO. OF<br>DEBONDED<br>STRANDS | DEBONDED<br>LENGTH |
| 5          |                            | $\overline{///}$              | [ ] _ /            |
| 4          |                            | $\Box \Box \Box$              | ////               |
| 3          |                            |                               |                    |
| 2          |                            |                               |                    |
| 1          |                            |                               |                    |

## STRAND TEMPLATE NOTES:

- 1. Strands shall be placed as low as possible in the strand template and symmetrically about  $\ell_{\rm c}$  of Girder.
- 2. No more than 33% of the total number of strands and 50% of the strands per horizontal row may be debonded.
- 3. Extended strands must be bonded strands.
- 4. Deviation from strand template shown shall be authorized by the Engineer.

## LEGEND:

- Continuously bonded strand location
- Permissible debonded strand location

|        |          |                                | NO SCAL  | E         |                |         |       |     |
|--------|----------|--------------------------------|----------|-----------|----------------|---------|-------|-----|
| E NO.  |          |                                | X        |           |                |         |       |     |
| MILE   | PC/PRETE | NSIONED                        | I GIRDER | (DEBC     | ONDED          | STF     | RAN   | DS) |
| NTRACT | NO.:     | DISREGARD PRI<br>EARLIER REVIS |          | ► 6-12-14 | REVISION DATES | 7-15-20 | SHEET | OF  |
|        |          |                                |          |           |                |         |       |     |