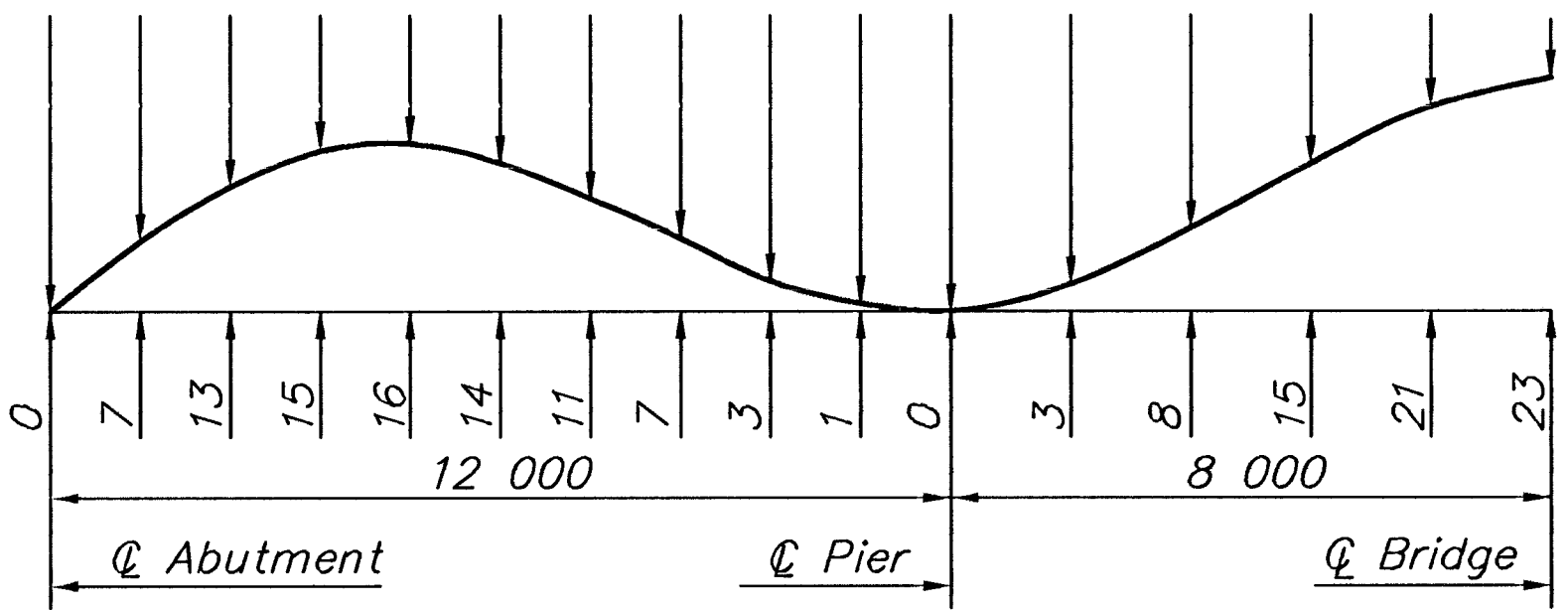
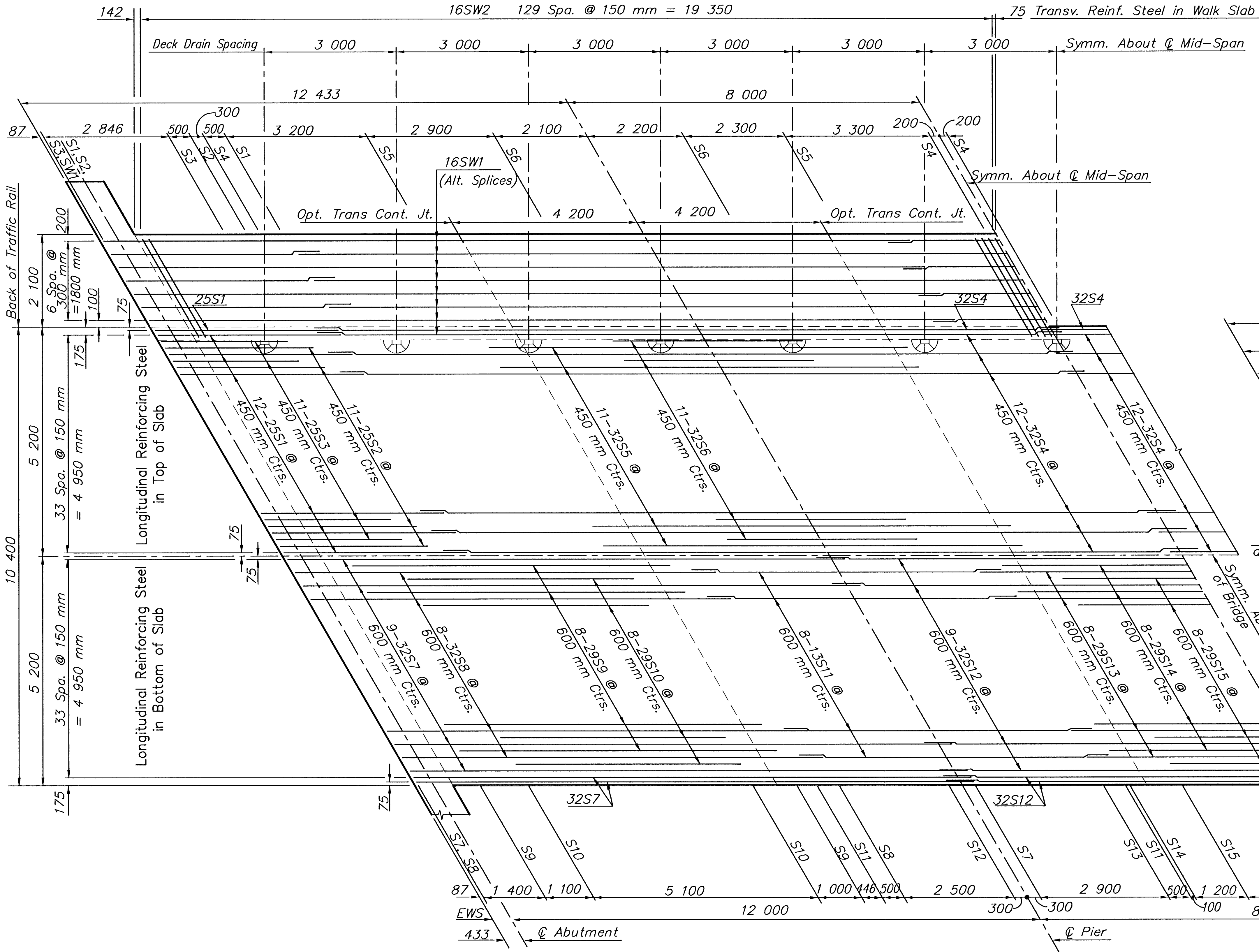


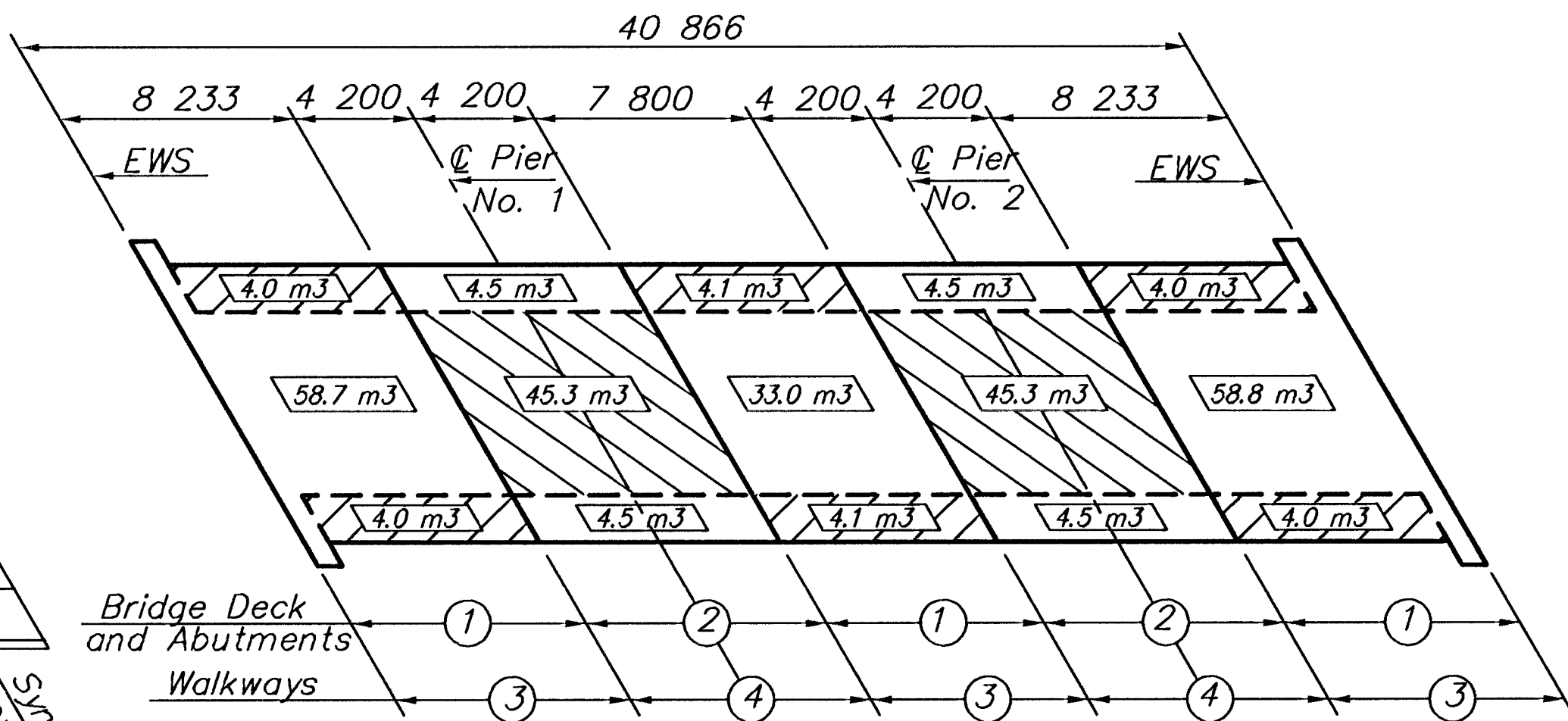
|                    |  |
|--------------------|--|
| DATE               |  |
| BY                 |  |
| REFERENCES NOTED   |  |
| REFERENCES CHECKED |  |

| FHWA<br>REG<br>NO. | STATE  | PROJECT NO.  | YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|--------------------|--------|--------------|------|--------------|-----------------|
| 7                  | KANSAS | 87 N-0088-01 | 1999 | 14           | 38              |



DEAD LOAD CAMBER DIAGRAM AT TENTH POINTS

Long Term Deflections = Initial Deflections x 3.5  
(Initial Deflections Based on  $E_c = 25\ 120\ \text{MPa}$ )



CONCRETE PLACING SEQUENCE DIAGRAM

When long span steel beams having a concrete dead load deflection greater than 5 mm are used or when timber falsework with greater than 3.75 m clear span is used, follow the placing sequence shown. Segmental, combined or continuous pours are allowed, but stop a discontinuous pour at a construction joint short of a pier.

When timber falsework with 3.75 m or less clear span is used, the Contractor, subject to the approval of the Engineer, may use a continuous pour or may discontinue the pour at any construction joint shown.

Concrete for walkways shall be placed after the bridge deck falsework is released or struck.

The Contractor may place the corral rail continuously from one end of the bridge to the other.

NOTE: Place longitudinal reinforcing parallel to centerline of bridge and transverse reinforcing shall be placed parallel to piers.

End-Span

HALF PLAN

Mid-Span

|                                                              |          |                |          |
|--------------------------------------------------------------|----------|----------------|----------|
| KANSAS DEPARTMENT OF TRANSPORTATION                          |          |                |          |
| BR. NO. 530400870GC1020                                      |          | STA. 1+450.20  |          |
| SUPERSTRUCTURE DETAILS<br>(Eastern Street over Gypsum Creek) |          |                |          |
| PROJ. NO. 87 N-0088-01                                       |          | SEDGWICK CO.   |          |
| MID-KANSAS ENGINEERING CONSULTANTS, INC.                     |          |                |          |
| WICHITA, KANSAS                                              |          |                |          |
| DESIGNED BY:                                                 | KJS, PAF | CHECKED BY:    | MDK      |
| DRAWN BY:                                                    | DPG, MLW | DATE: 11-19-98 | SHEET OF |