NOTES:
1. CROSS FRAME SPACING IS MEASURED ALONG E GIRDER.
2. FS = FIELD SPLICE.
3. ALL INTERMEDIATE CROSS FRAMES SHALL BE RADIAL TO THE E GIRDER.
4. TRANSVERSE INTERMEDIATE STIFFENERS SHALL BE PLACED AT EQUAL SPACES AS SHOWN.
5. ADJUST STIFFENERS TO CLEAR SPLICE PLATES AS REQUIRED.
6. SEE GIRDER ELEVATION FOR LOCATION OF FLANGE STIFFENER PLATES.
7. CHARPY V-NOTCH IMPACT TEST IS REQUIRED FOR ALL WEB PLATES AND FLANGE PLATES OF THE GIRDERS (INCLUDING FIELD SPLICE PLATES).
3. All intermediate crossframes shall be radial to the girder.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.

NOTES:
1. Cross frame spacing is measured along each girder.
2. FS = Field splice.
3. All intermediate crossframes shall be radial to the girder.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.

LEGEND:
E = Expansion bearing
F = Fixed bearing
GE = Guided expansion bearing

CROSS FRAME SPACING (GIRDER 1)
9 SPA. @ 18'-1\" = 163'-4\"
NOTES:
1. CROSS FRAME SPACING IS MEASURED ALONG GIRDER.
2. FS = FIELD SPLICE.
3. ALL INTERMEDIATE CROSSFRAMES SHALL BE RADIAL TO THE GIRDER.
4. TRANSVERSE INTERMEDIATE STIFFENERS SHALL BE PLACED AT EQUAL SPACES AS SHOWN.
5. ADJUST STIFFENERS TO CLEAR SPLICE PLATES AS REQUIRED.
6. SEE GIRDER ELEVATION FOR LOCATION OF FLANGE STIFFENER PLATES.
PARTIAL FRAMING PLAN - SPAN 4

NOTES:
1. CROSS FRAME SPACING IS MEASURED ALONG GIRDER.
2. FS = FIELD SPlice.
3. ALL INTERMEDIATE CROSSFRAMES SHALL BE RADIAL TO THE GIRDERS.
4. TRANSVERSE INTERMEDIATE STIFFENERS SHALL BE PLACED AT EQUAL SPACES AS SHOWN.
5. ADJUST STIFFENERS TO CLEAR SPLICE PLATES AS REQUIRED.
6. SEE GIRDER ELEVATION FOR LOCATION OF FLANGE STIFFENER PLATES.

LEGEND:
E = EXPANSION BEARING
F = FIXED BEARING
GE = GUIDED EXPANSION BEARING

RADIUS IS ALONG GIRDER
3. All intermediate crossframes shall be radial to the girders.

4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.

5. Adjust stiffeners to clear splice plates as required.

6. See girder elevation for location of flange stiffener plates.

7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.

NOTES:

1. Cross frame spacing is measured along girder.
2. FS = Field Splice.
3. All intermediate crossframes shall be radial to the girders.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.
7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.

LEGEND:

E = Expansion Bearing
F = Fixed Bearing
GE = Guided Expansion Bearing

NOTE:

1. Girder RADIUS (FT)
2. 822'-66" = 839'-10" (FFBW)
3. 802'-8" = 819'-2"
4. 792'-9" = 809'-3"

RADIUS IS ALONG GIRDER

NOTES:

1. Cross frame spacing is measured along girder.
2. FS = Field Splice.
3. All intermediate crossframes shall be radial to the girders.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.
7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.

NOTES:

1. Cross frame spacing is measured along girder.
2. FS = Field Splice.
3. All intermediate crossframes shall be radial to the girders.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.
7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.

NOTES:

1. Cross frame spacing is measured along girder.
2. FS = Field Splice.
3. All intermediate crossframes shall be radial to the girders.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.
7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.

NOTES:

1. Cross frame spacing is measured along girder.
2. FS = Field Splice.
3. All intermediate crossframes shall be radial to the girders.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.
7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.

NOTES:

1. Cross frame spacing is measured along girder.
2. FS = Field Splice.
3. All intermediate crossframes shall be radial to the girders.
4. Transverse intermediate stiffeners shall be placed at equal spaces as shown.
5. Adjust stiffeners to clear splice plates as required.
6. See girder elevation for location of flange stiffener plates.
7. See note A, sheet 1 of 5 regarding intermediate cross frame gusset plate at end bents.