125'-6" Final Girder Length (after elastic shortening and shrinkage)

4 Spans @ 3'-0"
30 Spaces @ 2'-0"
12 Spaces @ 2'-0"
16 Spaces @ 6'-0"
21 Spaces @ 1'-0" = 31'-6"

Girder Details:
- "SHEAR KEY DETAIL" for Shear at Ext. of Ext. Girder
- "SHEAR CONNECTION DETAIL" for Shear Anchor Details

ELEVATION

SECTION A-A

SECTION B-B

EXTERIOR GIRDER NEAR MID SPAN
(Unrelated Reinforcement not shown)

ORDER NOTES

Use normal weight concrete having the following strengths:
- At 28 days, f_c' = 5,500 psi

Use 3/8" round low relaxation strands having an ultimate strength of 370 ksi and a cross section area of 0.153 in.².

Form girder so the roadway surface conforms to the indicated grade line with an allowance for 1" at positive camber at midspan.

Galvanize all steel embedded in stirrups except for shear connectors.

1" clear on all reinforcing except as noted.

Finish top flange surface with magnesium float. Roughen the surface under the railing.

All Shear Key, Shear Connector, and Deck Nut inside the exterior girder.

Cost Girder ends plumb with respect to roadway grade. Install web holes and web anchor inserts parallel to E bearing.

See "FRAMING PLAN AND TYPICAL SECTION" for shear connectors spacing and roll post spacing.