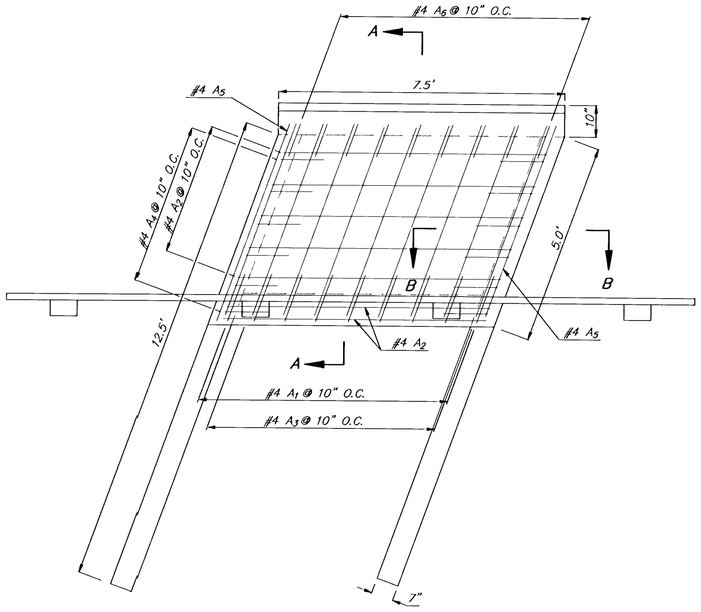
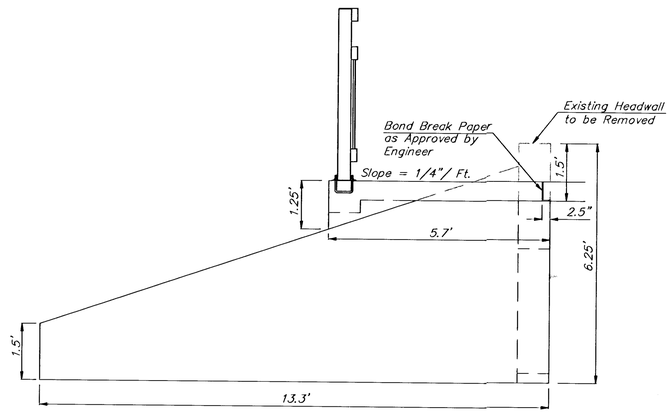
| FHWA REGION NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 7 | KANSAS | 871E-0040-01 | 1997 | 16 | 33 |




PLAN VIEW

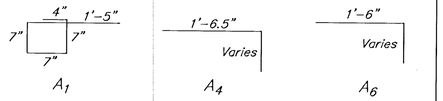


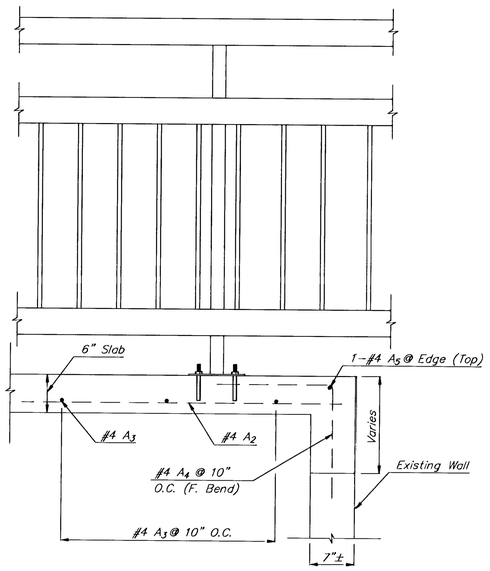

HEADWALL ELEVATION

| REINFORCING STEEL (GR 60) Note: Quantities are for Information Only. Items Shall be Included in Lump Sum Bid Item "Project Drainage." | | | | |
|---|---|---|---|---|
| Mark | No. | Size | Length | Shape |
| $A_1$ | 9 | 4 | 3'-6" | * |
| $A_2$ | 9 | 4 | 7'-2" | |
| $A_3$ | 9 | 4 | 5'-2" | |
| $A_4$ | 14 | 4 | Varies | * |
| $A_5$ | 2 | 4 | 5'-2" | |
| $A_6$ | 9 | 4 | Varies | * |

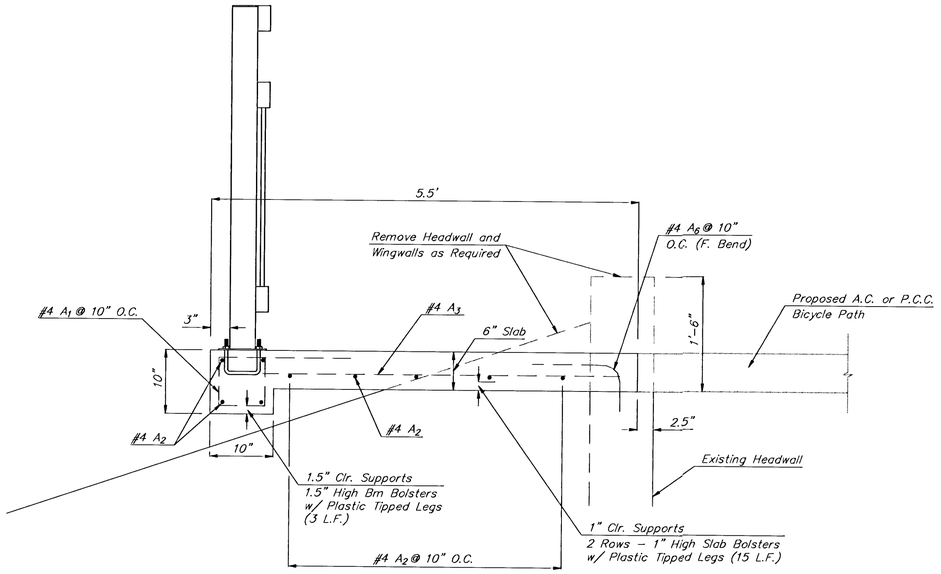
* See Bending Diagram

BENDING DIAGRAM




SECTION B-B




SECTION A-A

| QUANTITIES Note: Quantities are for Information Only. Items Shall be Included in Lump Sum Bid Item "Project Drainage." | |
|---|---|
| Class A Concrete | 1 C.Y. |
| Reinforcing Steel | 140 Lbs. |

## GENERAL NOTES

All dimensions are ± and shall be field verified.

Slab design live load - 150 p.s.f.

Class A Concrete (AE) - 4000 p.s.i. @ 28 days.

Rebar - A615, #4, Gr. 60

Chamfer exposed edges 3/4" (Verify).

Use approved bonding agent @ all surfaces new to existing.

All rebar embedded in existing structure shall use Hilti Hit C-100 system (or approved equal) with 4-1/2" embedment into existing concrete.

GYPSUM CREEK BICYCLE PATH

# HEADWALL DETAIL

**Sta. 79+38**


BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211


| DESIGNED BY | | CHECKED BY | |
|---|---|---|---|
| J.J. | | | |
| DRAWN BY | DATE | JOB NO. | FILENAME |
| D.M.V. | 4-19-94 | 472-82573 | GYP\HEADWALL |