

## SUPERSTRUCTURE

| FLOOR: CROWN: 0.0530' / ± 0.015625' / |                      | SUPERELEVATION:          |                       | VERT. CLEAR: OPEN |    |      |           |                  |
|---------------------------------------|----------------------|--------------------------|-----------------------|-------------------|----|------|-----------|------------------|
| SIDEWALKS:                            |                      | EXP JT MATL:             |                       | DRAINAGE:         |    |      |           |                  |
| SPAN NO                               | FLOOR DEPTH AND MATL | WEAR SURF DEPTH AND MATL | CURBS HEIGHT AND MATL | RAILING           |    |      | CLEARANCE |                  |
|                                       |                      |                          |                       | TYPE              | NO | MATL | HT        | POSTS            |
| A1~A3                                 | 7'-0"                |                          | Barrier               | RAIL              |    | Conc | 2'-8"     |                  |
| A4~A7                                 |                      |                          |                       |                   |    |      |           |                  |
| A8~A10                                |                      |                          |                       |                   |    |      |           |                  |
| A11~A18                               | 1'-3" Conc Slab      |                          |                       |                   |    |      |           |                  |
|                                       |                      |                          |                       |                   |    |      |           | 31' to 25'       |
|                                       |                      |                          |                       |                   |    |      |           | 25'-0"           |
|                                       |                      |                          |                       |                   |    |      |           | 25' to 33'       |
|                                       |                      |                          |                       |                   |    |      |           | 33'-0"           |
|                                       |                      |                          |                       |                   |    |      |           | 31'-6" to 26'-6" |
|                                       |                      |                          |                       |                   |    |      |           | 26'-6"           |
|                                       |                      |                          |                       |                   |    |      |           | 26'-6" to 34'-6" |
|                                       |                      |                          |                       |                   |    |      |           | 34'-6"           |

out to out Deck Width 27'-9" to 35'-9"

| STRINGERS - BEAMS OR GIRDERS |           |                |             |         |             |               |          |         |               |
|------------------------------|-----------|----------------|-------------|---------|-------------|---------------|----------|---------|---------------|
| SPAN NO                      | MATL      | SPAN C C BEARS | NO OF BEAMS | SPACING | SECTION     |               | TYPE EXP | STD DWG | DESIGN RATING |
|                              |           |                |             |         | OUTR STRING | INS STRING    |          |         |               |
| A1~A3                        | Conc      | 65'            | 4 e VARS    | 7'-3"   | 1'-10 1/2"  | 27" 3'-9 3/4" |          | SPECIAL |               |
| A4~A7                        | Conc      | 50'            | 4           | 7'-3"   |             |               |          |         |               |
| A8~A10                       | Conc      | 50'            |             |         |             |               |          |         |               |
| A11~A18                      | Conc Slab | 20'            |             |         |             |               |          |         |               |

1'-3" Slab depth  
TYPE III AASHTO Gchs.

| TRUSSES               |      |                     |                |                       |                  |                 |          |         |  |
|-----------------------|------|---------------------|----------------|-----------------------|------------------|-----------------|----------|---------|--|
| WHEN MADE:            |      | YIELD POINT:        |                | FABRICATED BY:        |                  |                 |          |         |  |
| DESIGN RATING: FLOOR: |      | TRUSSES:            |                |                       |                  |                 |          |         |  |
| SPAN NO               | MATL | KIND - TYPE - CONNS | SPAN C C BEARS | NO AND LGTH OF PANELS | DIST C C TRUSSES | DEPTH AT CENTER | TYPE EXP | STD DWG |  |
|                       |      |                     |                |                       |                  |                 |          |         |  |

## SUBSTRUCTURE

| BENT NO       | TYPE AND MATL                              | HT GRADE TO TOP CAP | HT TOP CAP TO BOTT FOOT | NO AND LGTH PILES | FOUNDATION MATL | DIST GRADE TO GROUND |
|---------------|--------------------------------------------|---------------------|-------------------------|-------------------|-----------------|----------------------|
| REAR ABUT: A1 | 10 PILE BENT                               | 4'-5 3/4"           |                         | 10e               |                 |                      |
| FWD A19       | 4 PILE BENT 16" Conc                       |                     |                         | 4e                |                 |                      |
| PIER OR BENT: |                                            |                     |                         |                   |                 |                      |
| A2            | 5 PILE BENT                                |                     |                         | 3e                |                 |                      |
| A3            | 4 PILE BENT                                |                     |                         | 4e                |                 |                      |
| A4            | 4 PILE BENT                                |                     |                         | 4e                |                 |                      |
| A5            | 3 PILE BENT 24" Conc                       |                     |                         | 3e                |                 |                      |
| A6            | " " "                                      |                     |                         | 3e                |                 |                      |
| A7            | " " "                                      |                     |                         | 3e                |                 |                      |
| A8            | 6 PILE BENT 20" Conc                       |                     |                         | 6e                |                 |                      |
| A9            | 4 PILE BENT 24" Conc                       |                     |                         | 4e                |                 |                      |
| A10           | " " "                                      |                     |                         | 4e                |                 |                      |
| A11           | 4 PILE BENT 24" Conc 4'-5 3/4"             |                     |                         | 4e                |                 |                      |
| A12           | 4 PILE BENT 16" Conc 1'-7 1/2" bottom Slab |                     |                         | 4e                |                 |                      |
| A13           | " " "                                      |                     |                         | 4e                |                 |                      |
| A14           | " " "                                      |                     |                         | 4e                |                 |                      |
| A15           | " " "                                      |                     |                         | 4e                |                 |                      |
| A16           | " " "                                      |                     |                         | 4e                |                 |                      |
| A17           | " " "                                      |                     |                         | 4e                |                 |                      |
| A18           | 4 PILE BENT 16" Conc 1'-7 1/2" bottom Slab |                     |                         | 4e                |                 |                      |

BIN: 11925

| BRIDGE NO | COUNTY | FED RT | US HWY  | PROJECT NO | TYPE | STRENGTH |     |     |     | ROADWAY |    |    |    | CLEARANCE |     |    |        |     |      |
|-----------|--------|--------|---------|------------|------|----------|-----|-----|-----|---------|----|----|----|-----------|-----|----|--------|-----|------|
| -10       | 02     | 12C    | BALDWIN | FAI        |      | -H10     | H10 | H18 | H20 | 16      | 18 | 20 | 22 | 24        | 24+ | 12 | 12 1/2 | 14+ | OPEN |
| -10       | 02     | 12C    | BALDWIN | FAI        |      |          |     |     |     |         |    |    |    |           |     |    |        |     |      |

1-10-1(35) Precast conc

Alignment 3° 00' Curve  
and TANGENT

Grade 525' VC 490' VC 200' VC  
- 0.336% - 4.260% - 0.368%

EB DS1 Ramp

End Bridge  
Sta 1044+45.55 to  
1044+55.4  
to Ramp "A"

3 SPANS @ 65'

4 SPANS @ 30'

3 SPANS @ 50'

4 @ 20'

4 @ 20'

A1

A4

A8

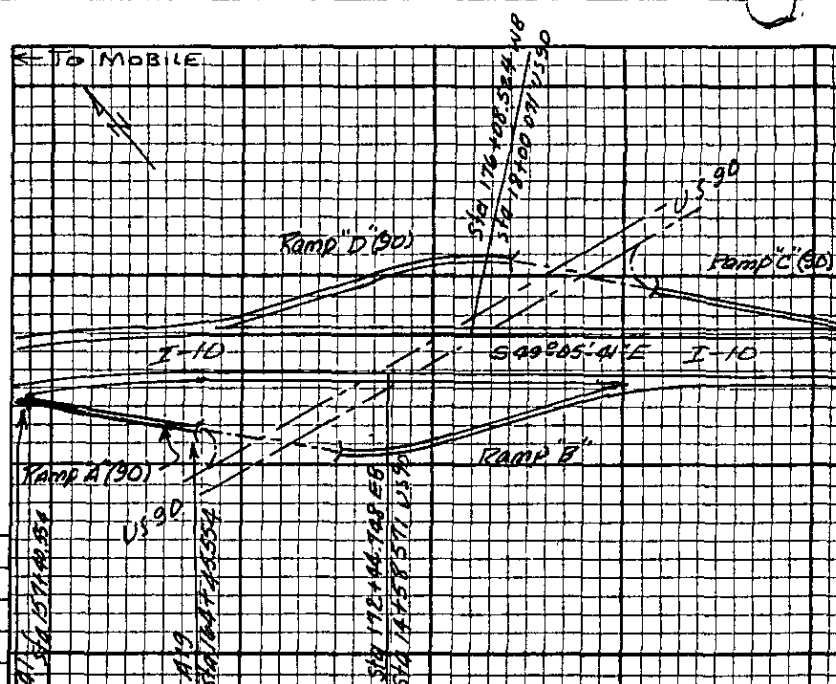
A11

A15

A19

| GENERAL                                                             |  |  | ELEVATION OF STRUCTURE |         | SCALE H- 1"=100 V- 1"=50'        |
|---------------------------------------------------------------------|--|--|------------------------|---------|----------------------------------|
| NAME OF BRIDGE:                                                     |  |  | MIN DESIGN RATING:     | H520-94 | FOR:                             |
| OVER: STREAM                                                        |  |  | OPERATING RATING:      |         |                                  |
| R R OR HIGHWAY: Mobile Bay                                          |  |  | APPROACH PAVT TYPE:    | Asphalt |                                  |
| WHEN BUILT: 1978                                                    |  |  | PAVT WIDTH:            | 24'     | SHOULDER WIDTH: 6'ET' = 37' Rdwy |
| MAINT BY: State                                                     |  |  | SIGHT DIST VERT        |         | HORIZ                            |
| NO AND LENGTH OF SPANS: 3 @ 65', 4 @ 30', 3 @ 50', 4 @ 20', 4 @ 20' |  |  | ORIG COST:             |         |                                  |
| REMARKS                                                             |  |  | Ramp "A" (90)          |         |                                  |

PHOTOGRAPH



| WATERWAY DATA                         |                      |
|---------------------------------------|----------------------|
| DIST LOW BRIDGE TO HW:                | GRADE TO LOW BRIDGE: |
| DRAINAGE AREA:                        |                      |
| CHARACTER AND CONSTANT CHANNEL DEPTH: | WIDTH BETW BANKS:    |
| NATURE OF BOTTOM:                     |                      |
| CONDITION OF BANKS                    |                      |
| DESCRIP OF PROTECTIVE WORKS           |                      |
| DOES ALL FLOOD PASS STRUCTURE?        | IF NOT, WHERE?       |
| REMARKS                               |                      |