

SUPERSTRUCTURE

FLOOR CROWN:		SUPERELEVATION:		VERT CLEAR: 0.00						
SIDEWALKS:		EXP JT MATL: 1" Polyurethane		DRAINS: 6" ϕ curb drain						
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING		CLEARANCE				
				TYPE	NO	MATL	HT	POSTS	BETW CURBS	BETW RAILS
1-3, 29-42, 48	6" $\frac{1}{2}$ " CONC		11" CONC	F	1	CONC	2'-3"	CONC	39'-3"	40'-9"
4-23, 43-47	6" CONC 7'-2"		"	"	"	"	"	"	"	"

Note clearances
varies from Basic 39'-3"
to 51'-3"

STRINGERS - BEAMS OR GIRDERS									
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
1-3 & 9-48	conc I Precast		Varies 6 to 7	BASIC 7.042'	1'-10" $\times$ 0'-7" $\times$ 3'-9"		Slide	Special	H520-44
5, 6, 7	"		"	"	2'-2" $\times$ 0'-8" $\times$ 6'-0"		"	"	"
4, 8	"		"	"	2'-2" $\times$ 0'-8" $\times$ 4'-6"		"	"	"

Span 1-3 & 9-48 TYPE III Girder
5, 6, 7 TYPE IV Girder
4 & 8 TYPE IV Girder

Note: Used ALT II Super Structure
Precast prestressed
Monolithic Spans

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

Spans 2-70

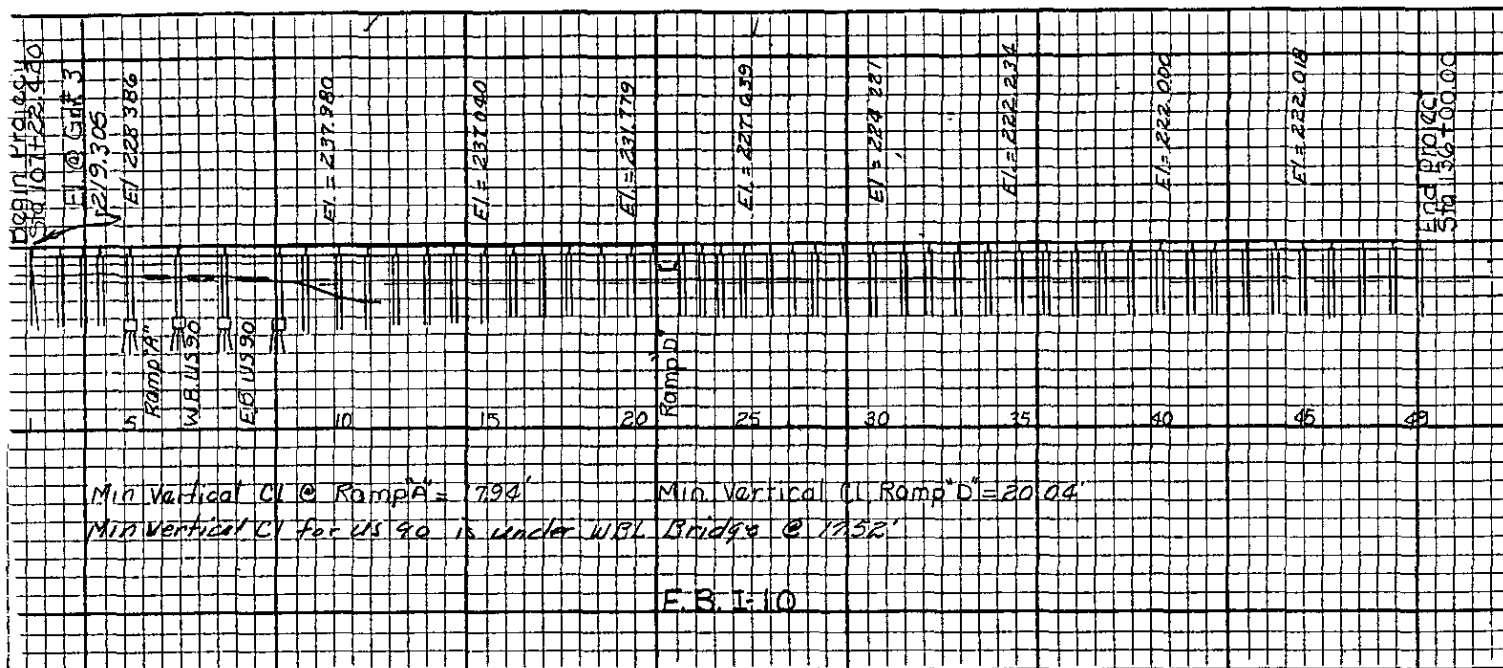
Precast Prestressed Monolithic Deck and Girders cast integrally
5 Girders spaced 9'-0" - Gdr 1'-10 1/2" - 7" $\times$ 3'-9 3/4" - 7 1/2" $\times$ 8 1/4" Slab

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	1 RC (Precast conc pile)	4'-8"				
FWD	2 Precast conc pile	"				
PIER OR BENT	3 " 4 col conc (pile Hg.)	3'-5 1/2"				
	4 " 5 col conc	6'-11 1/2"				
	5 " " "	" " "				
	6 " " "	" " "				
	7 " " "	" " "				
	8 " Precast conc. pile	5'-5 1/2"				
	9 " " "	4'-8 3/4"				
	10 " " "	"				
	11 " " "	"				
	12 " " "	"				
	13 " " "	"				
	14 " " "	"				
	15 " " "	"				
	16 " " "	"				
	17 " " "	"				
	18 " " "	"				
	19 " " "	"				
	20 " " "	"				
	21 " " "	"				
	22 " " "	"				
23 " " "	"					
24 " " "	"					
25 " " "	"					
26 " " "	"					
27 " " "	"					
28 " " "	"					

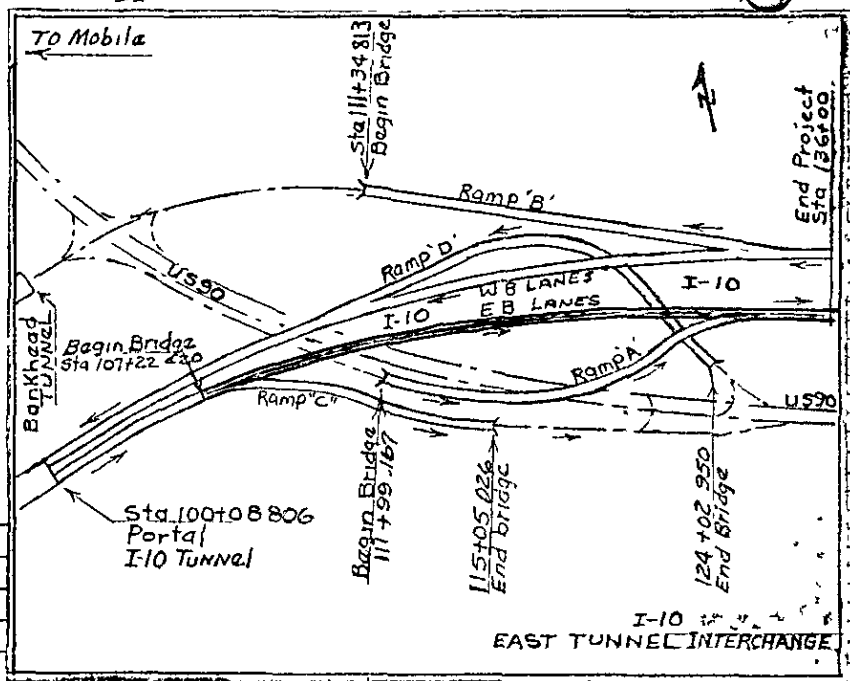
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BRIDGE NO	COUNTY	FED RT	US HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY				CLEARANCE						
10 49 2778	Mobile			1101(34)	RCIG Precast Conc.	H10	H10	H15	H20	-10	10	20	21	22	24	24+	12	12 1/4	14	OPEN



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=400' V-1"=200'	
NAME OF BRIDGE:		MIN DESIGN RATING: HS 20-44		FOR:	
OVER: STREAM		OPERATING RATING:		APPROACH PAVT TYPE:	
R R OR HIGHWAY: Ramp "A", US 90, Mobile River		PAVT WIDTH:		SHOULDER WIDTH:	
WHEN BUILT: 1973		BY: State		SIGHT DIST VERT:	
MAINT BY: State		OVERALL LGTH FLOOR: 39,727.919'		HORIZ:	
NO AND LENGTH OF SPANS: 47.194', 47.886', 47.239', 64.392', 93.763', 38.936', 118.813', 62.375', 11 @ 60.00', 38.179', 63.937', 43.425', 39.203', 48.046', 48.047', 48.046', 48.047', 21 @ 60.00'		ORIG COST:		Length Built this Project 2877.58'	
REMARKS: Main Roadways Ramps 39'-3" with 2'-9" Brush Curbs					

PHOTOGRAPH



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

SUPERSTRUCTURE #10 of 11

FLOOR: CROWN:

SUPERELEVATION:

VERT CLEAR: *Open*

SIDEWALKS:

EXP JT MATL:

DRAINS:

SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	TYPE	NO	RAILING MATL	HT	POSTS	CLEARANCE	
									BETW CURBS	BETW RAILS
1-43 EBL			Barrier	Pave		Conc	2'8"		39'3"	40'9"
1-43 WBL			"	"		"	"		39'3"	40'9"

Span 2-70 EBL & WBL Precast prestressed Monolithic spans

STRINGERS - BEAMS OR GIRDERS

SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
1-43	Prest Conc	605	5		TYPE III			Sheet # 755 # 758	

Note span 1E & 1W has 6 Beams

Used Alt. II Superstructure, precast prestressed Monolithic spans

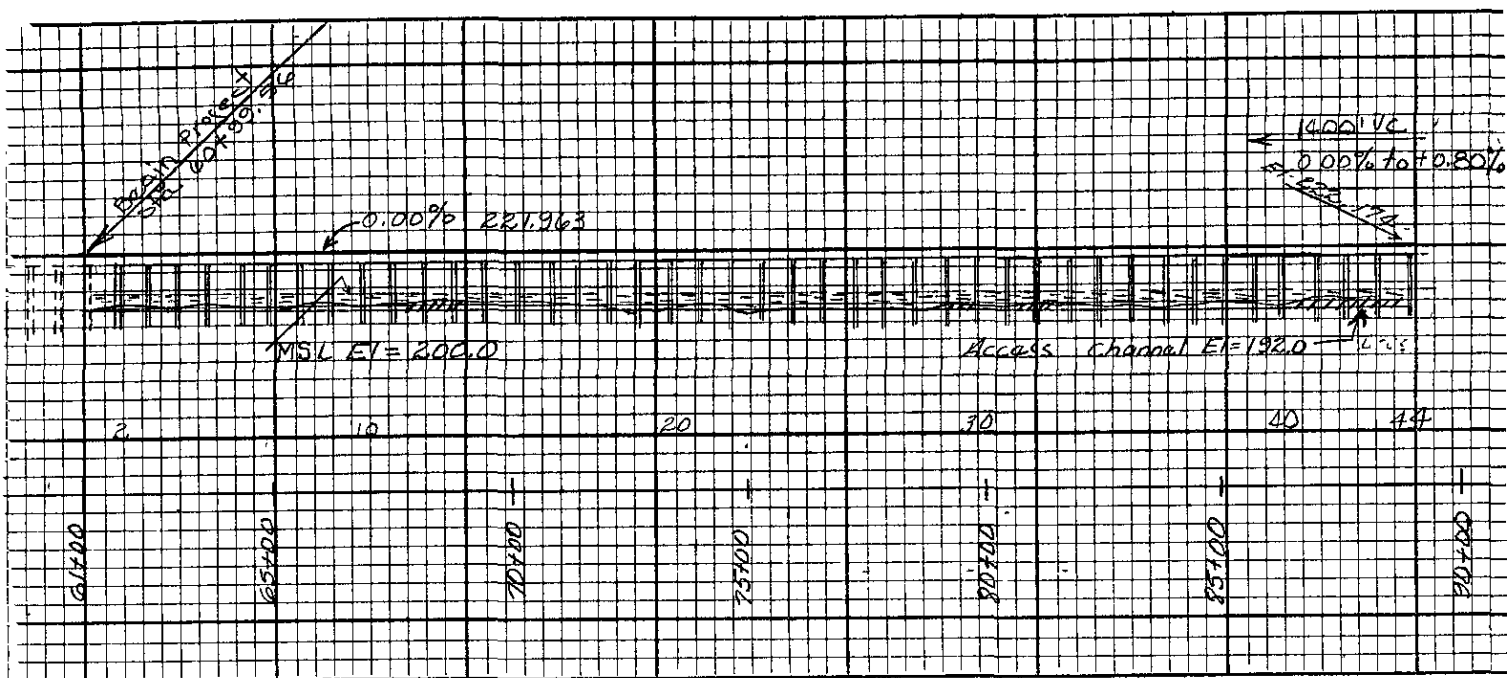
TRUSSES

WHEN MADE:	YIELD POINT:	FABRICATED BY:	TRUSSES:						
DESIGN RATING: FLOOR:									
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

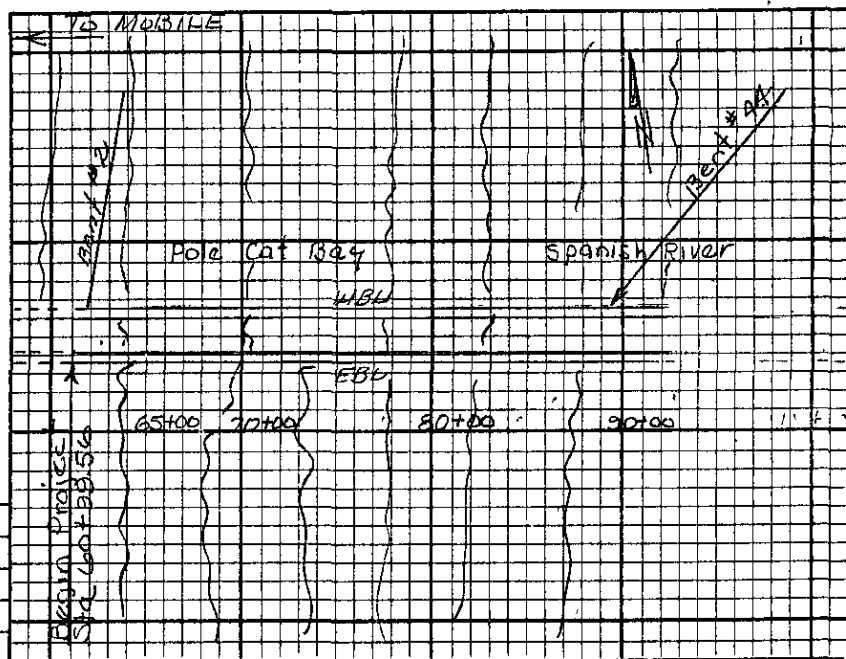
BENT NO	TYPE AND MATL	HT GRADE TO TOP CAP	HT TOP CAP TO BOTT FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND
REAR ABUT						
FWD						
PIER OR BENT	2 Pile Conc 54" ϕ					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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26						
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29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	2 PILE CONC 54" ϕ					

BRIDGE NO		COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY				CLEARANCE						
							H10	H10	H15	H20	18	18-19	20	21	22	24	24+	15	12-14	14+	OPEN
1049	27.7A/B	Mobile			I-10-1 (35)	CSC (Precast)															



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=400' V-1"=100'	
NAME OF BRIDGE:		MIN DESIGN RATING: 4520-44		FOR:	
OVER STREAM R R OR HIGHWAY: MOBILE BAY		OPERATING RATING:		APPROACH PAVT TYPE:	
WHEN BUILT: 1978		BY: State		PAVT WIDTH:	
MAINT BY: State		OVERALL 10TH FLOOR See Below		SHOULDER WIDTH:	
NO AND LENGTH OF SPANS: 1 @ 64.94', 42 @ 65'		SIGHT DIST VERT		HORIZ	
REMARKS:		ORIG COST:			
Total length of Bridge I-10-1(34) & I-10-1(35) = 39,722.849 WBL & 39,727.919 EBL					
" " " This Project 36,795.447 WBL, 36,850.339 EBL					

PHOTOGRAPH



WATERWAY DATA		LOCATION SKETCH		SCALE 1"=1000'	
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:					

SUPERSTRUCTURE #2 of 11

FLOOR: CROWN:				SUPERELEVATION:				VERT CLEAR: <i>Open</i>			
SIDEWALKS:				EXP JT MATL:				DRAINS:			
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING						CLEARANCE	
				TYPE	NO	MATL	HT	POSTS	BETW CURBS	BETW RAILS	
44-86 EBL			Barrier	Rail		Conc.	2'8"		39'3"	40'9"	
44-86 WBL			"	"		"	"		39'3"	40'9"	

STRINGERS - BEAMS OR GIRDERS									
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
44-70-74-86	Pre Str Conc	65	5					Sheet 755 & 758	
71-72-73	Pre Str Conc	86-105-86	5		TYPE IV			Sheet 755 & Sheet #761	

Note: Span #72 has 8 Beams

Note: Use Abut II Superstructure
Pre Cast Prestressed Monolithic

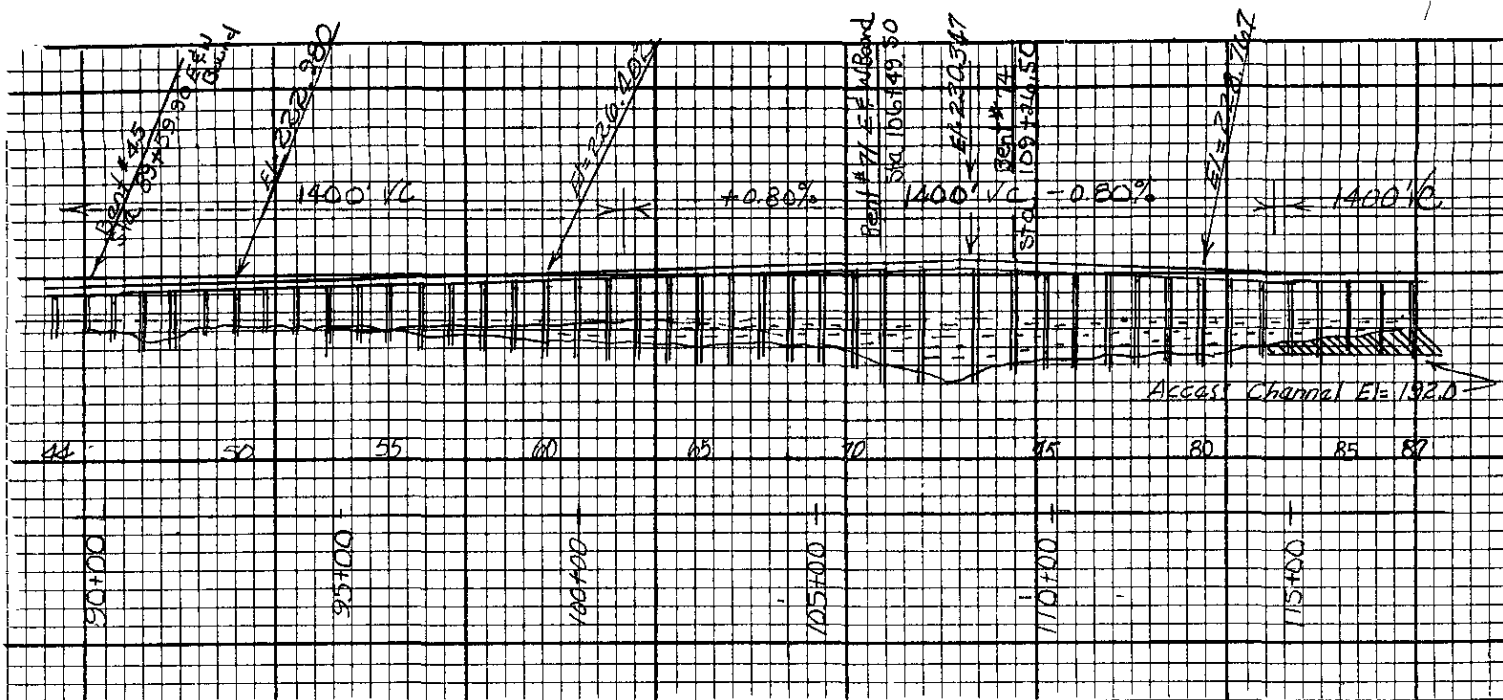
TRUSSES				Pre Cast prestressed monolithic					
WHEN MADE:		YIELD POINT:		FABRICATED BY: SPANS					
DESIGN RATING: FLOOR:				TRUSSES:					
SPAN NO	MATL - KIND TYPE CONNS			SPAN C C BEARS	NO AND LGTH OF PANELS	DIST C C TRUSSES	DEPTH AT CENTER	TYPE EXP	STD DWG
								.	

Spans *2-70* Precast Prestressed Monolithic Deck and Girders cast integrally
5 Girders spaced 9'-0" - Gdr. 1'-10 1/2" - 7" X 3'-9 3/4" - 7 1/2" B 8 1/4" Slab

SUBSTRUCTURE

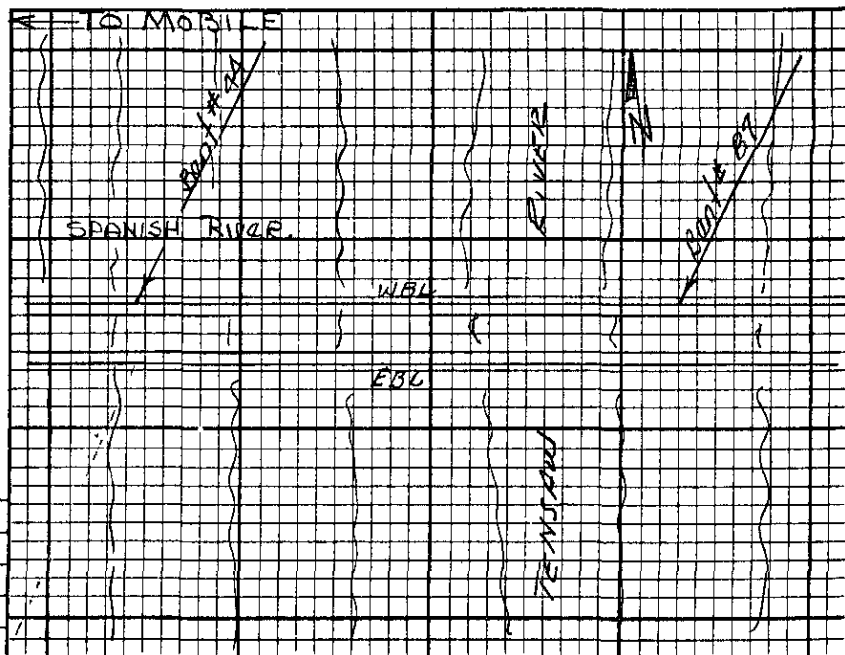
BENT NO	TYPE AND MATL	HT GRADE TO TOP CAP	HT TOP CAP TO BOTY FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND
REAR ABUT:						
FWD						
PIER OR BENT						
45	2 Pile Conc 34" φ					
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56	2 Pile Conc 34" φ					
57	3 Pile Conc 34" φ					
58						
59						
60						
61						
62	3 Pile Conc 34" φ					
63	6 Pile Conc 34" φ					
64	3 Pile Conc 34" φ					
65						
66						
67						
68						
69						
70	3 Pile Conc 34" φ					
71	6 Pile Conc					
72	Framed Bent					
73	"					
74	8 Pile Conc 34" φ					
75	3 Pile Conc					
76						
77						
78						
79						
80						
81	3 Pile Conc					
82	6 Pile Conc					
83	3 Pile Conc					
84						
85						
86						
87						

BRIDGE NO			COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY					CLEARANCE					
								H10	H10	H15	H20	10	15-10	20	21	22	24	24+	12	12-11	14+	OPEN
40	49	27.7AAS	Mobile			T-10-1 (35)	CSG (Pre-cast)															



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=400' V-1"=100'	
NAME OF BRIDGE:		MIN DESIGN RATING: HS20-44		FOR:	
OVER: STREAM		OPERATING RATING:		APPROACH PAVT TYPE:	
R R OR HIGHWAY: MOBILE BAY		PAVT WIDTH:		SHOULDER WIDTH:	
WHEN BUILT: 1978		SIGHT DIST VERT		HORIZ	
MAINT BY: State		ORIG COST:			
NO AND LENGTH OF SPANS: 27 @ 65', 1 @ 86', 1 @ 105', 1 @ 86', 13 @ 65'					
REMARKS: Total length bridge I-10-1(34) & I-10-1(35) = 39.722, 849' initial & 39.722, 919' EBL.					

PHOTOGRAPH



WATERWAY DATA		LOCATION SKETCH		SCALE 1"=1000'	
DIST LOW BRIDGE TO HW:		GRADE TO LOW BRIDGE:			
DRAINAGE AREA:		WIDTH BETW BANKS:			
CHARACTER AND CONSTANT:					
CHANNEL DEPTH:					
NATURE OF BOTTOM:					
CONDITION OF BANKS:					
DESCRIP OF PROTECTIVE WORKS:					
DOES ALL FLOOD PASS STRUCTURE?		IF NOT, WHERE?			
REMARKS:					

FLOOR: CROWN:		SUPERELEVATION:		VERT. CLEAR: <i>Open</i>	
SIDEWALKS:		EXP JT MATL:		DRAINS:	
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING	CLEARANCE
				MATL HT POSTS	BETW CURBS BETW RAILS
87-129 EBL			Barrier	Conc. 2'-8"	39'-3" 40'-9"
87-129 WBL			"	"	39'-3" 40'-9"

STRINGERS - BEAMS OR GIRDERS								
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION	TYPE EXP	STD DWG	DESIGN RATING
					CUTS STRING INS STRING			
87-129	Prestr Conc	65	5		TYPE III		Sheet 755 # 758	

Note: Used Alt II Superstructure
Precast prestressed monolithic
spans

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

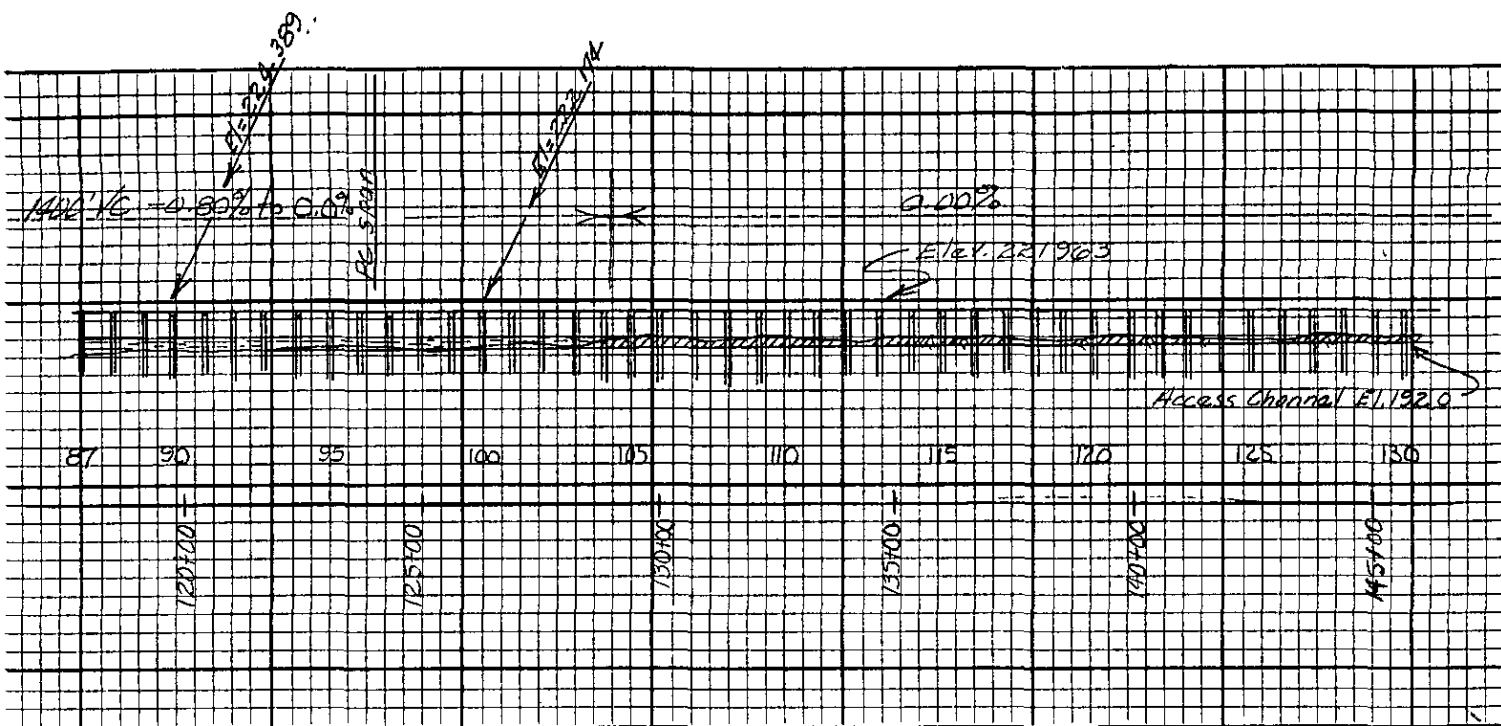
Spans 14-95 EB
14-92 WB

Precast Prestressed Monolithic Deck and Girders cast integrally
5 Girders spaced 9'-0" - Gdr. 1'-10 1/2" - 7" X 3'-9 3/4" - 7 1/2" x 8 1/4" Slab

SUBSTRUCTURE

BENT NO	TYPE AND MATL	HT GRADE TO TOP CAP	HT TOP CAP TO BOTY FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND
REAR ABUT:						
FWD						
PIER OR BENT	3 Pile CONC 2 Pile CONC					
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						
101						
102						
103						
104						
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118						
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122						
123						
124						
125						
126						
127						
128						
129						
130	2 Pile CONC					

BRIDGE NO	COUNTY	FED RT	US HWY	PROJECT NO	TYPE	STRENGTH	ROADWAY	CLEARANCE
						H10 H10 H15 H20	-18 18 18 20 21 22 24 24+	12 12-1 14+ OPEN
10 49	27.7A	Mobile		T-10-1 (35)	CSC (Precast)			



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=400' V-1"=100'	
NAME OF BRIDGE:		MIN DESIGN RATING: HS20-44		FOR:	
OVER: STREAM		OPERATING RATING:			
R.R. OR HIGHWAY: MOBILE BAY		APPROACH PAVT TYPE:			
WHEN BUILT: 1978	BY: State	PAVT WIDTH:		SHOULDER WIDTH:	
MAINT BY: State	OVERALL LGTH. FLOOR: See Below	SIGHT DIST VERT:		HORIZ:	
NO AND LENGTH OF SPANS: 43 @ 65'		ORIG COST:			
REMARKS: Total length Bridge T-10-1 (34) & T-10-1 (35) = 39 722.845' WBL & 39.727 919' EBL					

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:	

FLOOR: CROWN:				SUPERELEVATION:				VERT CLEAR:			
SIDEWALKS:				EXP JT MATL:				DRAIN:			
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	TYPE	NO	RAILING MATL	HT	POSTS	BETW CURBS	BETW RAILS	CLEARANCE
130-137 EBL 134-173 EBL			Barrier Rail	Conc		2'-8"			39'-3"	40'-9"	
142-145 EBL									51'-3"	52'-9"	
139-139 WBL 152-173 WBL									39'-3"	40'-9"	
142-145 WBL									51'-3"	52'-9"	

* Transition spans = 138-141 EBL, 146-153 EBL, 140-148 WBL, 158-161 WBL = 39'-3" To 51'-3" To 39'-3"

STRINGERS - BEAMS OR GIRDERS										
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING	
					OUTS STRING	INS STRING				
130-134 E	Prestr Conc	65	5		TYPE	III		Sheet #755		
130-139 W	Prestr Conc	65	5		TYPE	III		Sheet #758		

109-170 E	steel R	152'-6"	5	9'-0"	72" X 1 1/4" Web R	Slide	Sheet #769			
175-176 W	steel R	152'-6"	5	9'-0"	72" X 1 1/4" Web R	Slide	Sheet #769			

TRUSSES * Note Transition spans No. of Beams Varies from 5 to 9 Type III

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				

Spans 97-134 EBL
98-139 WBL
Precast Prestressed Monolithic Deck and Girders cast integrally
5 Girders spaced 9'-0" - Gdr 1'-10 1/2" - 7" X 3'-9 3/4" - 7 1/2" X 8 1/4" Slab

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						
FWD						
PIER OR BENT						
131	2 Pile Conc					
132						
133						
134						
135						
136						
137						
138						
139	2 Pile Conc					
140	3 Pile Conc					
141						
142						
143						
144						
145						
146						
147						
148						
149						
150						
151						
152						
153						
154						
155						
156						
157	3 Pile Conc					
158	4 Pile Conc					
159						
160	4 Pile Conc					
161	2 Pile Conc					
162						
163						
164						
165						
166						
167						
168						
169						
170						
171						
172	2 Pile Conc					
173	3 Pile Conc					
174	3 Pile Conc					
175	FRAMED BENT					
176	"					
177	"					
178	3 Pile Conc					
179	3 Pile Conc					
180	2 Pile Conc					

BRIDGE NO		COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY				CLEARANCE							
							H10	H10	H15	H20	19	18	19	20	21	22	24	24+	12	12 1'	14+	OPEN
1-10 49		27.7A	Mobile		T-10-1 (35)	CSC (Precast)																

SUPERSTRUCTURE #3 of 11

FLOOR: CROWN:		SUPERELEVATION:		VERT CLEAR:	
SIDEWALKS:		EXP JT MATL:		DRAINS:	
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING	CLEARANCE
				MATL HT POSTS	BETW CURBS BETW RAILS
180-183 EBL 206-234 EBL			Barrier	Conc. 21'-8"	39'-3" 40'-9"
188-196 EBL					51'-3" 52'-9"
180-190 WBL					39'-3" 40'-9"
208-234 WBL					51'-3" 52'-9"
200-203 WBL					

* Transition SPANS = 184 EBL TO 187 EBL, 191 WBL - 199 WBL, 204 WBL - 207 WBL = 39'-3" to 51'-3" to 39'-3"

STRINGERS - BEAMS OR GIRDERS									
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
180-194 W	Prest. Conc.	GS'	5		TYPE III			Sheet # 750	
211-234 W	Prest. Conc.		5						
180-183 E	Prest. Conc.		5					Sheet # 756	
206-234 E	Prest. Conc.		5		II				

* Transition spans No of Beams varies from 5 to 11.

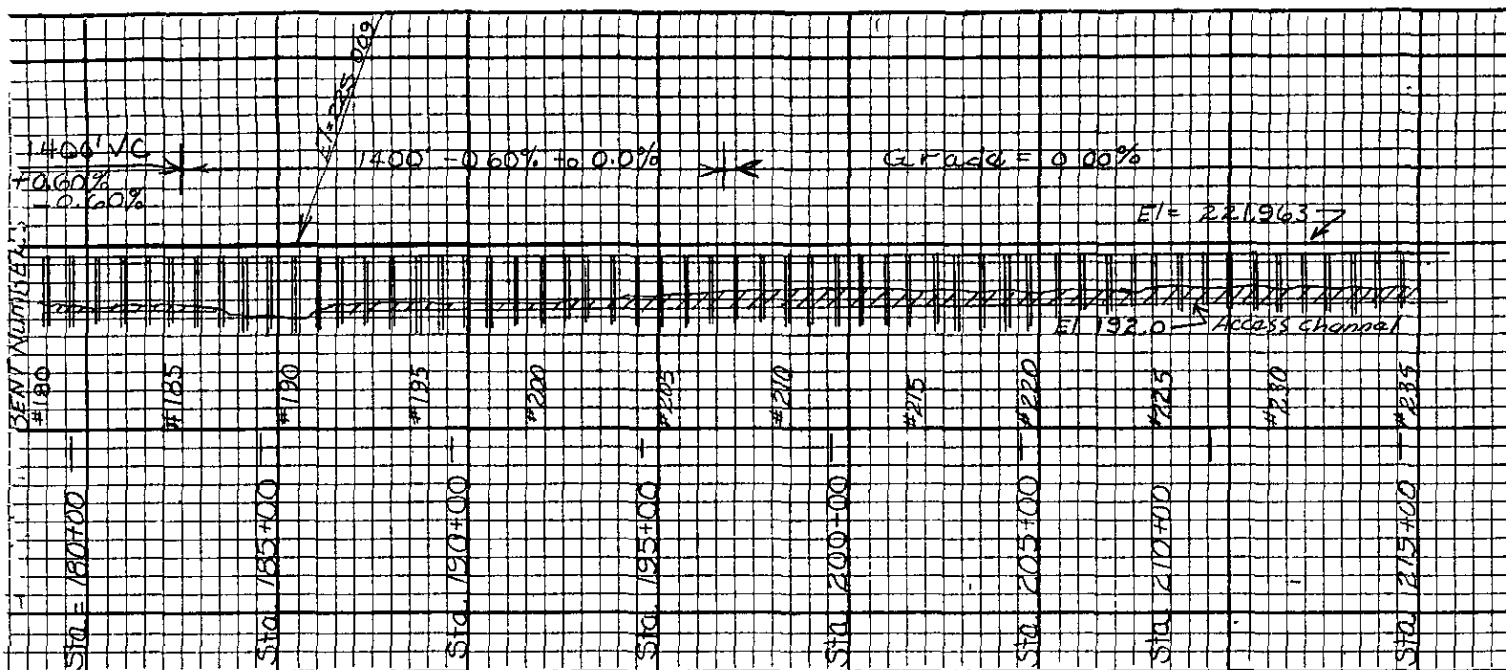
Note: Use ALT II Superstructure precast

TRUSSES									
WHEN MADE:				YIELD POINT:		FABRICATED BY: <i>prestressed monolithic SPANS</i>			
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 BOTM FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND
181	2 Pile Conc.					
182	" "					
183	" "					
184	2 Pile Conc.					
185	4 Pile Conc.					
186	" "					
187	4 Pile Conc.					
188	3 Pile Conc.					
189	" "					
190	" "					
191	" "					
192	" "					
193	" "					
194	" "					
195	" "					
196	" "					
197	" "					
198	" "					
199	" "					
200	" "					
201	" "					
202	" "					
203	" "					
204	" "					
205	" "					
206	3 Pile Conc.					
207	2 Pile Conc.					
208	" "					
209	" "					
210	" "					
211	" "					
212	" "					
213	" "					
214	" "					
215	" "					
216	" "					
217	" "					
218	" "					
219	" "					
220	" "					
221	" "					
222	" "					
223	" "					
224	" "					
225	" "					
226	" "					
227	" "					
228	" "					
229	" "					
230	" "					
231	" "					
232	" "					
233	" "					
234	" "					
235	2 PILE CONC					

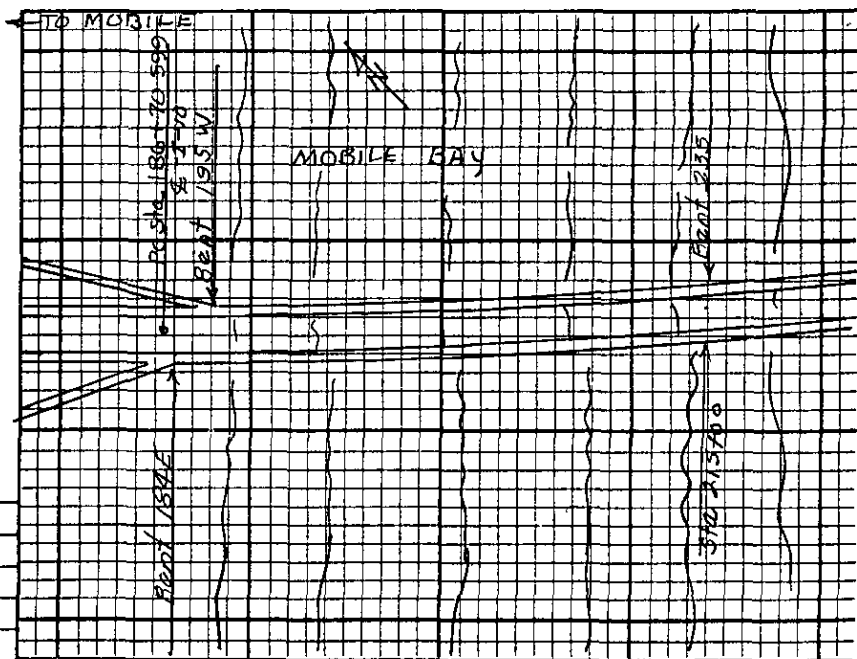
BRIDGE NO		COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY						CLEARANCE				
							H10	H10	H18	H20	-18	18	18	20-21	22	24	24+	12	12	14	OPEN
E-10 49		27.745	Mobile		I-10-1 (35)	PSC (Precast)															



GENERAL			ELEVATION OF STRUCTURE		SCALE H-1"=500' V-1"=100'	
NAME OF BRIDGE:	OVER STREAM	R R OR HIGHWAY:	MIN DESIGN RATING:	HS20-44	FOR:	
WHEN BUILT:	1977	BY: State	OPERATING RATING:			
MAINT BY:	State	OVERALL LTH FLOOR	APPROACH PAVT TYPE:		SHOULDER WIDTH:	
NO AND LENGTH OF SPANS:	55@45	SEE Below	PAVT WIDTH:		HORIZ	
			SIGHT DIST VENT			
			ORIG COST:			

REMARKS: Total length bridge I-10-1(34) & T-10-1(35) = 39,222.844' w/BL E 39,727.919' EBL

PHOTOGRAPH



LOCATION SKETCH

SCALE 1"=1000' (Approx)

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:	

SUPERSTRUCTURE #6 of 11

FLOOR: CROWN:		SUPERELEVATION:		VERT CLEAR:	
SIDEWALKS:		EXP JT MATL:		DRAINS:	
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING NO	CLEARANCE
235-289 EBL			Barrier Rail	Conc	39'-3" 40'-9"
235-289 WBL					39'-3" 40'-9"

STRINGERS - BEAMS OR GIRDERS							
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION	TYPE EXP	STD DWG
235-289	Pre Str Conc	65'	5		TYPE II		Sheet 756 760

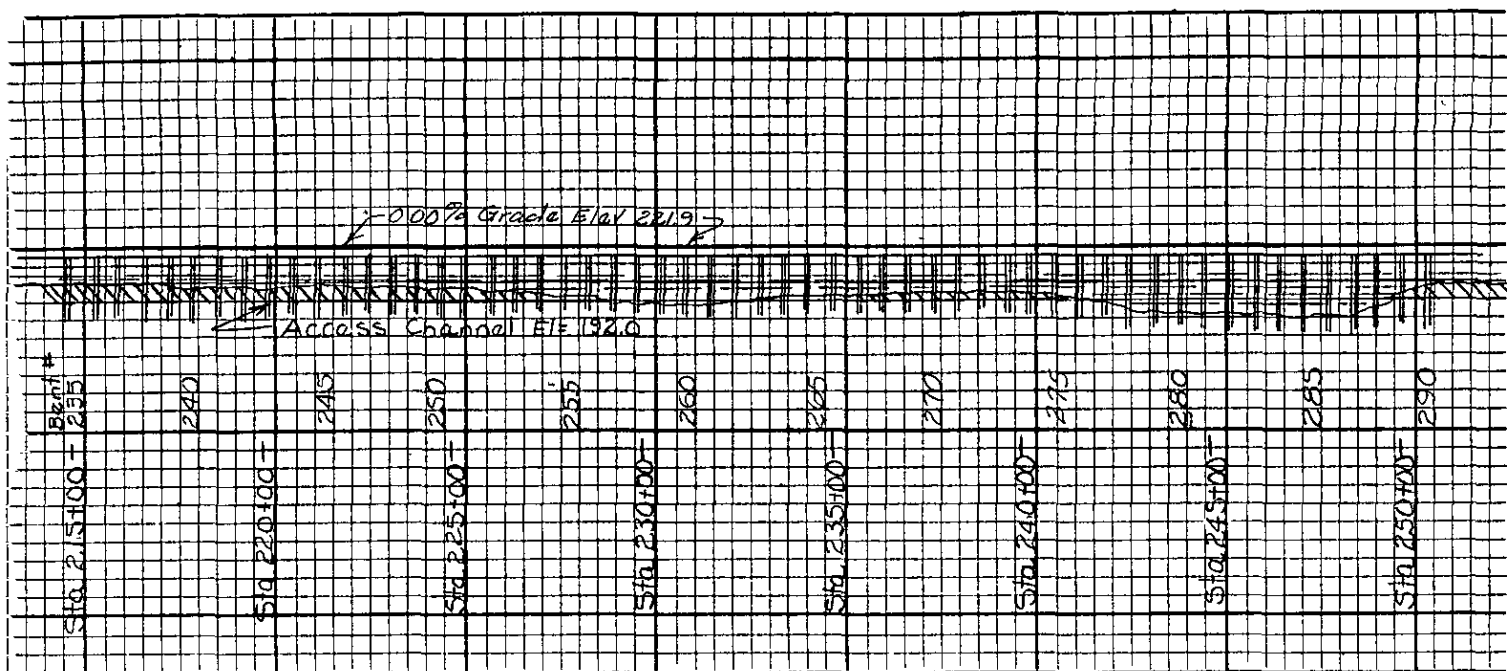
Note: Use Alt II Superstructure precast prestressed Monolithic SPANS

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

Spans: 151-164 EB, 180-190 WB, 191 WB, 206-343 EB, 192-194 WB, 211-344 WB, 162-165 WB, 174-183 EB, 171 WB, 105 EB. Precast Prestressed Monolithic Deck and Girders cast integrally. 5 Girders spaced 9'-0" - Gdr. 1'-10 1/2" - 7" X 3'-9 3/4" - 7 1/2' x 8 1/4" Slab

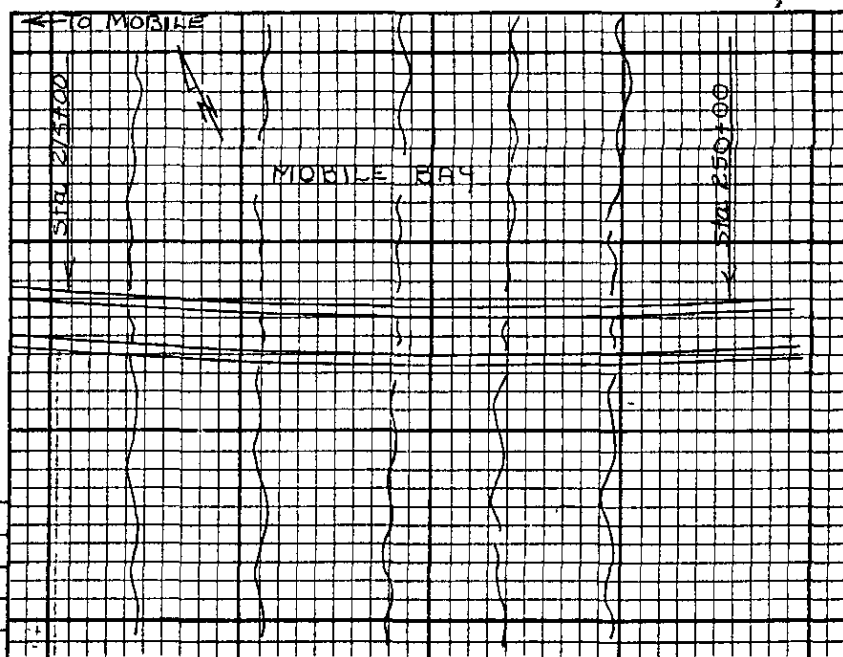
SUBSTRUCTURE							
BENT NO	TYPE AND MATL	HT GRADE TO TOP CAP	HT TOP CAP TO BOTY FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND	
236	2 Pile Conc						
240							
250							
260							
270							
280							
290	2 Pile Conc						

BRIDGE NO	COUNTY	FED RT	US HWY	PROJECT NO	TYPE	STRENGTH	ROADWAY	CLEARANCE
50 49 27.7A	Mobile			I-10-1 (35)	CSC (Precast)			



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=500' V-1"=100'	
NAME OF BRIDGE:		MIN DESIGN RATING:		FOR:	
OVER STREAM		OPERATING RATING:			
R R OR HIGHWAY: MOBILE BAY		APPROACH PAVT TYPE:			
WHEN BUILT: 1977		PAVT WIDTH:		SHOULDER WIDTH:	
MAINT BY: State		SIGHT DIST VERT		HORIZ	
NO AND LENGTH OF SPANS: 55 @ 65'		ORIG COST:			
REMARKS: Total length Bridge I-10-1(34) & I-10-1(35) = 39,722.849' WBL & 39,722.919' WBL					

PHOTOGRAPH



LOCATION SKETCH

SCALE 1"=1000'

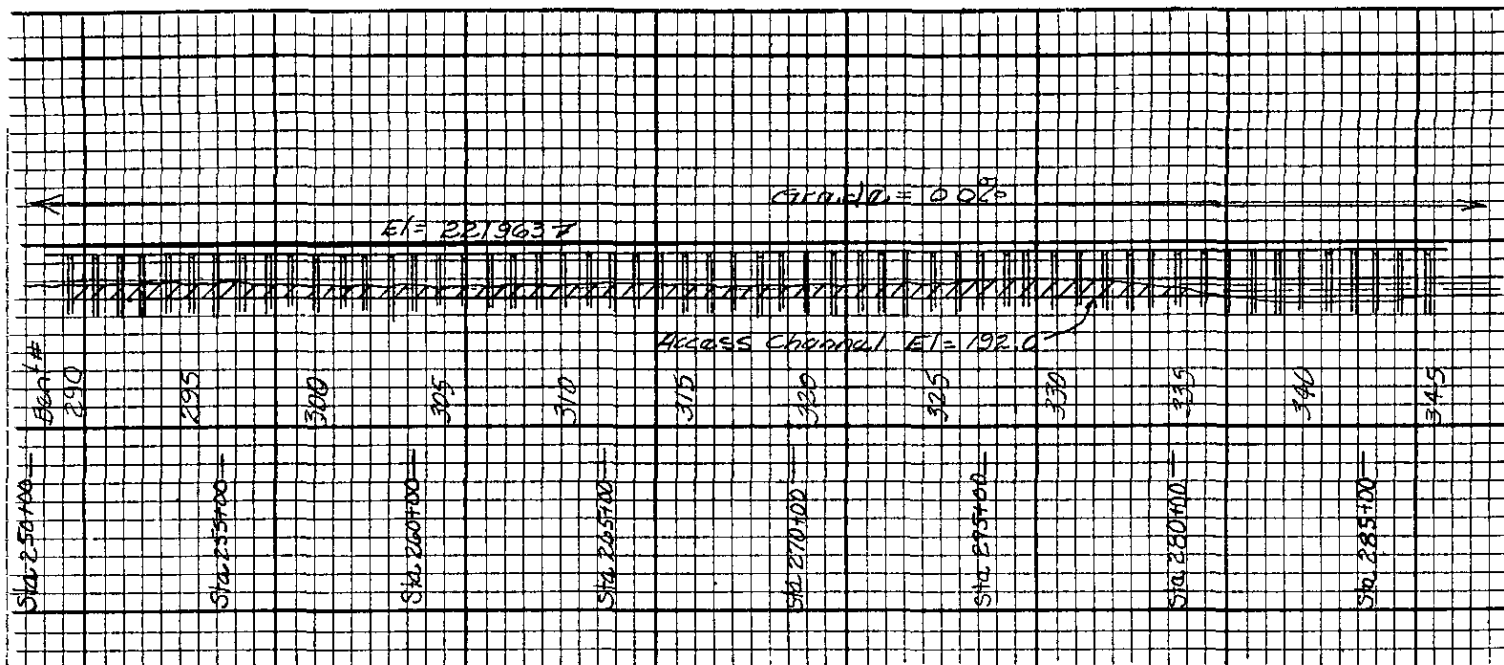
WATERWAY DATA

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?

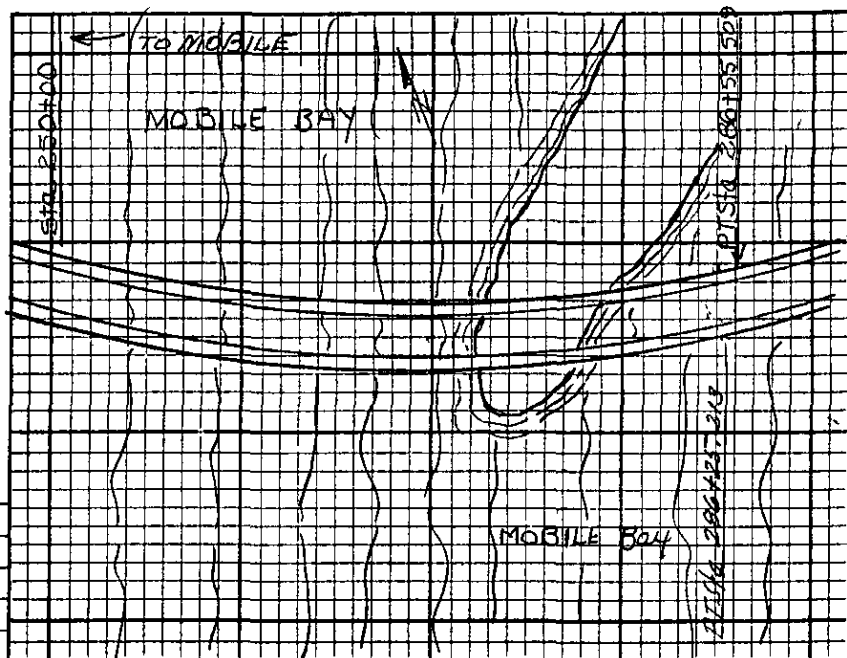
(IF NOT, WHERE?)

REMARKS:



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=500' V-1"=100'	
NAME OF BRIDGE:		MIN DESIGN RATING: HS20-44		FOR:	
OVER STREAM R.R. OR HIGHWAY: MOBILE BAY		OPERATING RATING:		APPROACH PAVT TYPE:	
WHEN BUILT? 1977		BY: State		PAVT WIDTH:	
MAINT BY: State		OVERALL LGTH. FLOOR: SEE Below		SHOULDER WIDTH:	
NO AND LENGTH OF SPANS: 55@65'		SEE Below		SIGHT DIST VERT	
				HORIZ	
		ORIG COST:			
REMARKS: Total length of bridge I-10-1(34) & I-10-1(35) = 39,722.849 WBLE 39,722.919' ERL					

PHOTOGRAPH



LOCATION SKETCH

SCALE 1"=1000'

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:	

SUPERSTRUCTURE # 8 of 11

FLOOR: CROWN:

SUPERELEVATION:

VERT CLEAR: *Open*

SIDEWALKS:

EXP JT MATL:

DRAINS:

SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	TYPE	NO	RAILING MATL	HT	POSTS	CLEARANCE	
									BETW CURBS	BETW RAILS
345-399 <i>APL</i>			<i>Barrier</i>	<i>Rail</i>		<i>Conc</i>	<i>2'-8"</i>		<i>39'-3"</i>	<i>40'-9"</i>
345-399 <i>WRL</i>									<i>39'-3"</i>	<i>40'-9"</i>

STRINGERS - BEAMS OR GIRDERS

SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
345-399	<i>Pra Str Conc</i>	<i>65</i>	<i>5</i>		<i>TYPE III</i>			<i>Sheet 757</i>	

Note: Use Alt II Superstructure precast prestressed monolithic spans

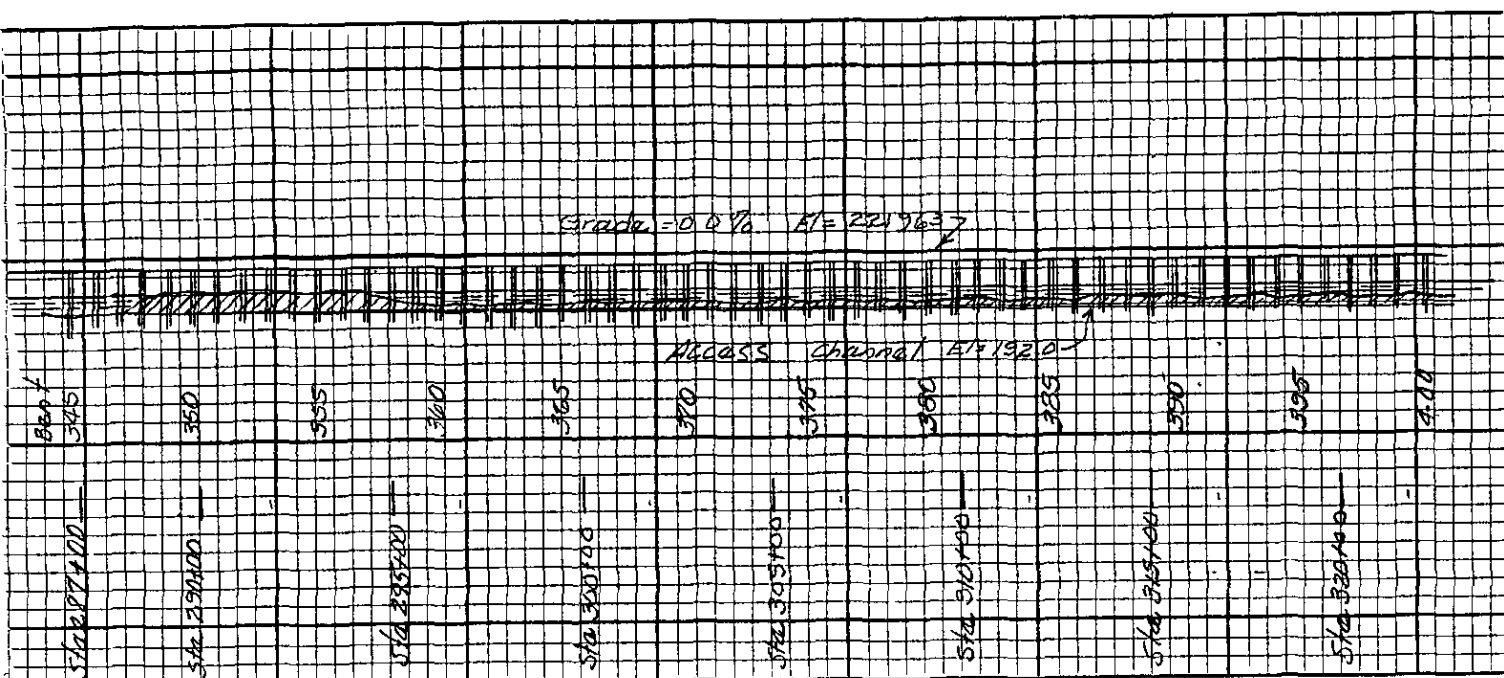
TRUSSES

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

SUBSTRUCTURE

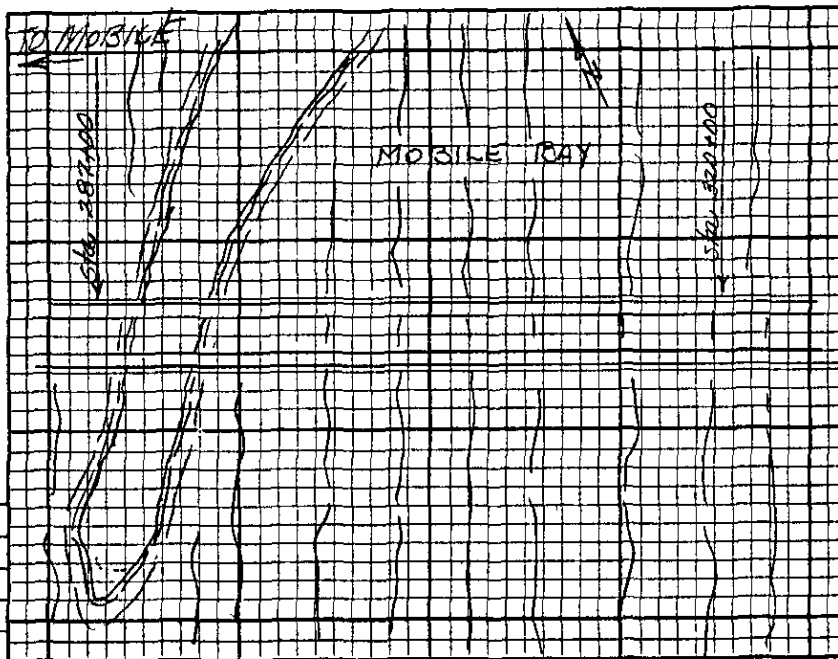
BENT NO	TYPE AND MATL	HT GRADE TO TOP CAP	HT TOP CAP TO BOTM FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND	
REAR ABUT <i>346</i>	<i>3 Pile Conc</i>						
FWD <i>350</i>	<i>3 Pile Conc</i>						
PIER OR BENT <i>350</i>	<i>2 Pile Conc</i>						
<i>360</i>							
<i>370</i>							
<i>380</i>							
<i>390</i>							
<i>400</i>	<i>2 Pile Conc</i>						

BRIDGE NO		COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY					CLEARANCE					
							H10	H10	H12	H20	-10	10	19	20-21	22	24	24+	12	12 1'	14+	OPEN
-10	49	27.7A	Mobile		I-10-1-(35)	CSC (Pre-cast)															



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1" = 500' V-1" = 100'	
NAME OF BRIDGE: MOBILE BAY		MIN DESIGN RATING: HS20-44		FOR:	
OVER: STREAM		OPERATING RATING:			
R R OR HIGHWAY:		APPROACH PAVT TYPE:			
WHEN BUILT: 1977		BY: State			
MAINT BY: State		OVERALL LGTH. FLOOR: SEE BELOW		SHOULDER WIDTH:	
NO AND LENGTH OF SPANS: 55 @ 65'		PAVT WIDTH:		HORIZ	
		SIGHT DIST VERT			
		ORIG COST:			
REMARKS: Total length Bridge I-10-1(34) & I-10-1(35) = 39,722.845' WALE 39,727.919' EBL					

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:	

SUPERSTRUCTURE #9 of 11

FLOOR: CROWN:		SUPERELEVATION:		VERT CLEAR: <i>Open</i>	
SIDEWALKS:		EXP JT MATL:		DRAIN:	
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING	CLEARANCE
				NO MATL HT POSTS	BETW CURBS BETW RAILS
100-454-EBL			BARRIER	CONC. 2'-8"	39'-3" 40'-9"
400-454-WBL					39'-3" 40'-9"

STRINGERS - BEAMS OR GIRDERS								
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION	TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING INS STRING			
400-454	Pre Str Conc	65	5		<i>TYPE III</i>		Sheet # 757	

Note: Used Alt II Superstructure. Precast Prestressed Monolithic SPANS.

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

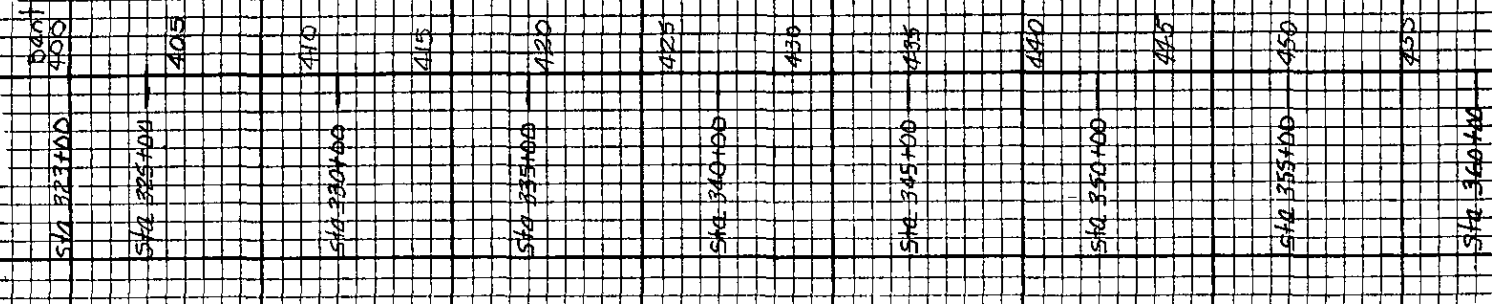
345-346-482 WB. & 344-345-476 EB
 Spans Precast Prestressed Monolithic Deck and Girders cast integrally
 5 Girders spaced 9'-0" - Gdr 1'-10 1/2" - 7' X 3'-9 3/4" - 7 1/2' x 8 1/4" Slab

SUBSTRUCTURE

BENT NO	TYPE AND MATL	HT GRADE TO TOP CAP	HT TOP CAP TO BOTY FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND
401	2 Pile CONC					
410						
420						
430						
440						
450						
460						
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Grade = 0.0% E = 221.97

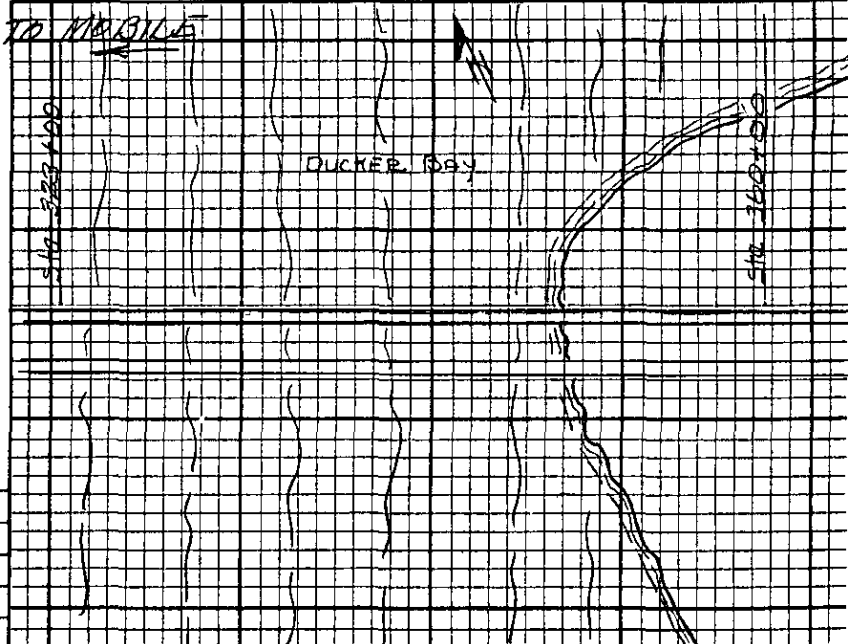
Access Channel E = 192.0



GENERAL		ELEVATION OF STRUCTURE		SCALE H-1"=500' V-1"=100'	
NAME OF BRIDGE:		MIN DESIGN RATING: <i>HS20-44</i>		FOR:	
OVER STREAM		OPERATING RATING:			
R R OR HIGHWAY: <i>MOBILE BAY</i>		APPROACH PAVT TYPE:			
WHEN BUILT: <i>1977</i>		BY: <i>State</i>			
MAINT BY: <i>State</i>		OVERALL LGTH FLOOR: <i>SEE Below</i>		SHOULDER WIDTH:	
NO AND LENGTH OF SPANS: <i>55 @ .65'</i>		PAVT WIDTH:			
		SIGHT DIST VERT		HORIZ:	
		ORIG COST:			
REMARKS: <i>Total length 30130 I-10-1(34) & I-10-1(35) = 39,722.849' W13C & 39,727.919' E13C</i>					

REMARKS: Total length of I-10 - 1(34) & I-10 - 1(35) = 39,722.849' W 13L & 39,727.919' EBL

PHOTOGRAPH



LOCATION SKETCH SCALE 1"=1000'

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:	

SUPERSTRUCTURE #10 of 11

FLOOR: CROWN:		SUPERELEVATION:		VERY CLEAR:	
SIDEWALKS:		EXP JT MATL:		DRAINS:	
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	RAILING MATL	CLEARANCE
455-509 ERL			Barrier	conc 2'8"	39'-3" 40'-9"
455-509 ERL					39'-3" 40'-9"

STRINGERS - BEAMS OR GIRDERS									
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
455-509	Pre Str Conc	65	5		TYPE III			Sheet #757	

Note: Used Alt II Superstructure precast prestressed monolithic spans

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 BOTY FOOT	NO AND LGTH PILES	FOUNDATION MATL	DIST GRADE TO GROUND
REAR ABUT 454	2 Pile Conc					
FWD 460						
PIER OR BENT						
470						
480						
490	2 Pile Conc 3 Pile Conc					
500	3 Pile Conc					
510	3 Pile Conc 2 Pile Conc 2 Pile Conc					

BRIDGE NO	COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH	ROADWAY	CLEARANCE
40 49 27.7A	Mobile			IT-10-1-(35)	CSC (Precast)			

Grade = 0.0% E1 = 221.97

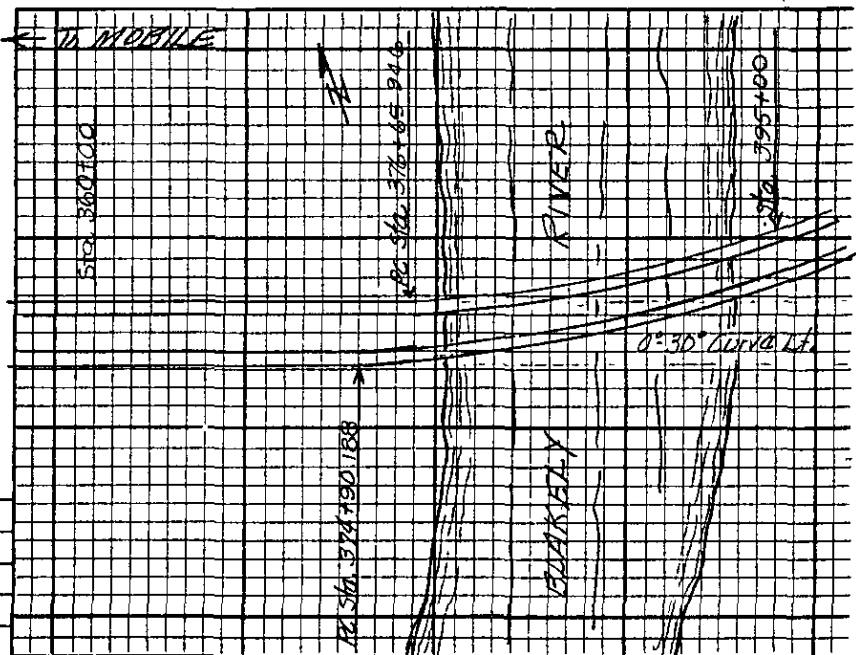
Access Channel E1 = 192.0

Station	Elevation
Sta 360+00	460
Sta 365+00	465
Sta 370+00	470
Sta 375+00	475
Sta 380+00	480
Sta 385+00	485
Sta 390+00	490
Sta 395+00	495
Sta 400+00	500
Sta 405+00	505
Sta 410+00	510

GENERAL		ELEVATION OF STRUCTURE		SCALE H-1" = 500' V-1" = 100'	
NAME OF BRIDGE:		MIN DESIGN RATING:		FOR:	
OVER STREAM		OPERATING RATING:		PAVT TYPE:	
R. R. OR HIGHWAY: MOBILE BAY		APPROACH		PAVT WIDTH:	
WHEN BUILT: 1977		BY: State		SHOULDER WIDTH:	
MAINT BY: State		OVERALL LGTH FLOOR: SEE Below		SIGHT-DIST VERT	
NO AND LENGTH OF SPANS: 55 @ 65		ORIG COST:		HORIZ	

REMARKS: Total length Bridge I-10-1 (34) & I-10-1 (35) = 39,722.849' WBL & 39,727.919' EBL

PHOTOGRAPH



LOCATION SKETCH

SCALE 1" = 1000'

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:

SUPERSTRUCTURE # 11 of 11

FLOOR: CROWN:				SUPERELEVATION:		VERT CLEAR:		Open			
SIDEWALKS:		EXP JT MATL:				DRAINS:					
SPAN NO	FLOOR DEPTH AND MATL	WEAR SURF DEPTH AND MATL	CURBS HEIGHT AND MATL	TYPE	NO	RAILING MATL	HT	POSTS	CLEARANCE		
									BETW CURBS	BETW RAILS	
510-589 EBL									39'-3"	40'-9"	
553-564 EBL									39'-3"	"	
510-549 WBL									39'-3"	"	
559-563 WBL									51'-3"	52'-9"	

Transition SPANS 540 EBL-552 EBL & 550 WBL-558 WBL

STRINGERS - BEAMS OR GIRDERS									
SPAN NO	MATL	SPAN C C BEARS	NO OF BEAMS	SPACING	SECTION		TYPE EXP	STD DWG	DESIGN RATING
					OUTS STRING	INS STRING			
510-539 E	Prest. Conc	65	5		T92C	TIL		Sheet #757	
553-564 E	"	"	5		"	"			
510-549 W	"	"	5		"	"			
553-563 W	"	"	7		"	"			

* Transition SPANS No of beams 5-7

Note: Used A11.1 Superstructure Precast

prestressed monolithic spans

TRUSSES										Note: Used A14.11 Superstructure Precast									
WHEN MADE:				YIELD POINT:				FABRICATED BY:				prestressed monolithic spans							
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			

483, 484-549 WBL & 482-539 EB

Spans Precast Prestressed Monolithic Deck and Girders cast integrally
5 Girders spaced 9'-0" - Gdr 1'-10 1/2" - 7" X 3'-9 3/4" - 7 1/2" B 8 1/4" Slab

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:	510 2 Pile Conc						
	511 2 Pile Conc						
	512 3 Pile Conc						
FWD	513 2 Pile Conc						
	514						
PIER OR BENT	515						
	516						
	517						
	518						
	519						
	520						
	521						
	522						
	523						
	524						
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	526						
	527						
	528						
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	531						
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	535						
	536						
	537						
	538						
	539 2 Pile Conc						
	540 4 Pile Conc						
	541 3 Pile Conc						
	542 3 Pile Conc						
	543 4 Pile Conc						
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	546						
	547						
	548 4 Pile Conc						
	549 5 Pile Conc						
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	553 3 Pile Conc						
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	561						
	562						
	563						
	564 2 Pile Conc						
	565 ABUT						

BRIDGE NO			COUNTY	FED RT	U S HWY	PROJECT NO	TYPE	STRENGTH				ROADWAY				CLEARANCE				
10	49	277A	MOBILE			I-10-1(35)	CSC (Precast)	H10	H10	H15	H20	-18	18-19	20-21	22-24	24+	12	12 1/2	14+	OPEN

