

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
STRUCTURE PLANS

Latitude: 27.61299879 North
Longitude: -81.9521057 West

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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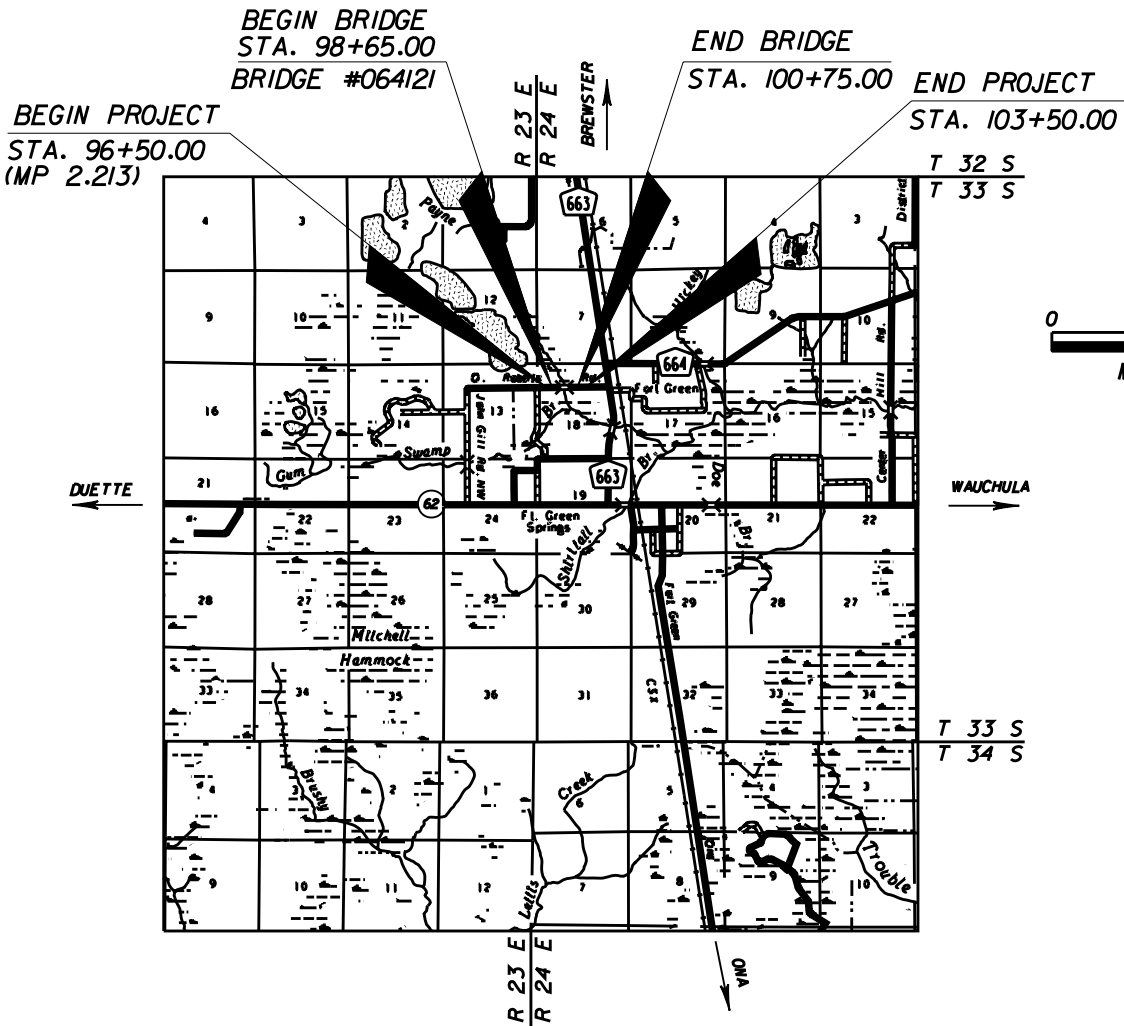
GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED JANUARY 2004,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2004,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01/01/06
For Design Standards modifications go to the following Web site:
<http://www.dot.state.fl.us/rddesign/Design%20Standards/Standards.htm>

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

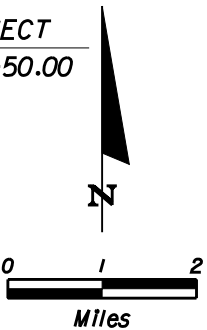
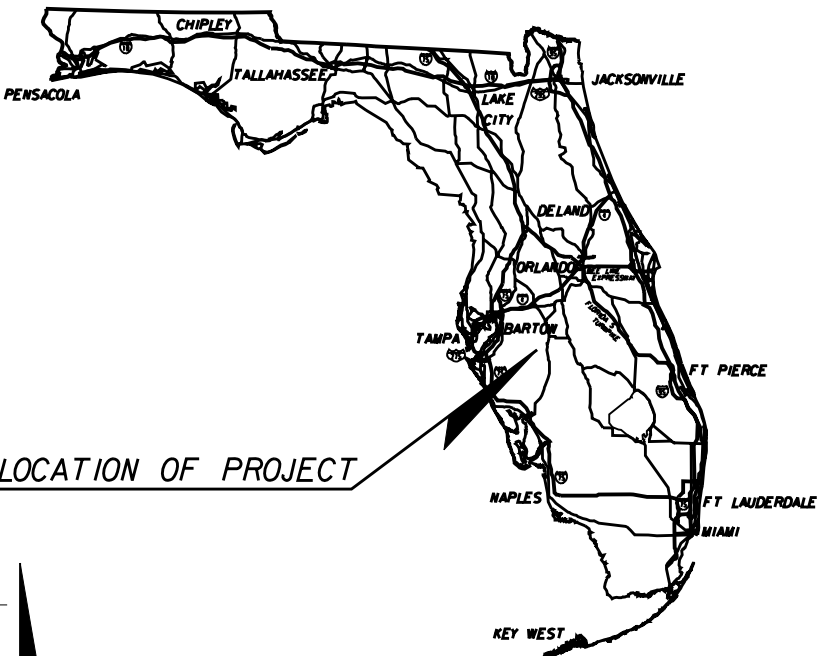
FINANCIAL PROJECT ID 409215-1-52-01
(FEDERAL FUNDS)
HARDEE COUNTY (06000 012)
BRIDGE AT OLLIE ROBERTS ROAD AND PAYNE CREEK



PROJECT LENGTH IS BASED ON $\frac{1}{4}$ OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	490.000	0.093
BRIDGES	210.000	0.040
NET LENGTH OF PROJECT	700.000	0.133
EXCEPTIONS	0.000	0.000
GROSS LENGTH OF PROJECT	700.000	0.133

FDOT PROJECT MANAGER: JOHN L. FOLEY



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

RHETT T. HARPER, P.E.
FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT ONE OFFICE
801 NORTH BROADWAY
BARTON, FLORIDA 33830-3809
(863)519-2300

PLANS PREPARED BY:

RHETT T. HARPER, P.E.
FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT ONE OFFICE
801 NORTH BROADWAY
BARTON, FLORIDA 33830-3809
(863)519-2300

NOTE: THESE PLANS ARE DESIGNED TO
"MANUAL OF UNIFORM MINIMUM STANDARDS
FOR DESIGN, CONSTRUCTION, AND MAINTENANCE
FOR STREETS AND HIGHWAYS" CRITERIA.

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

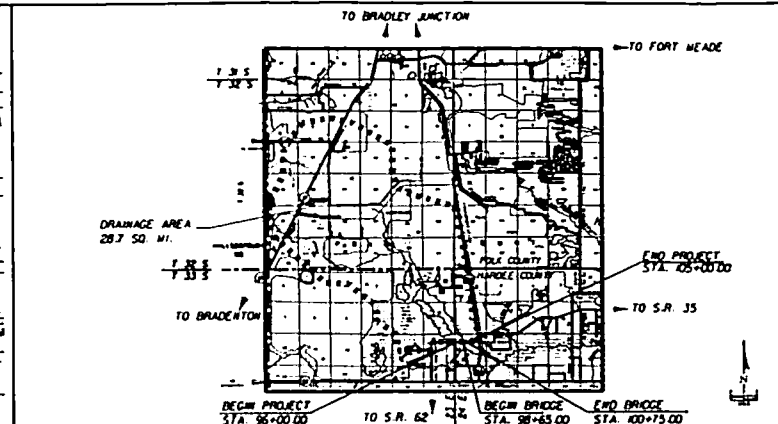
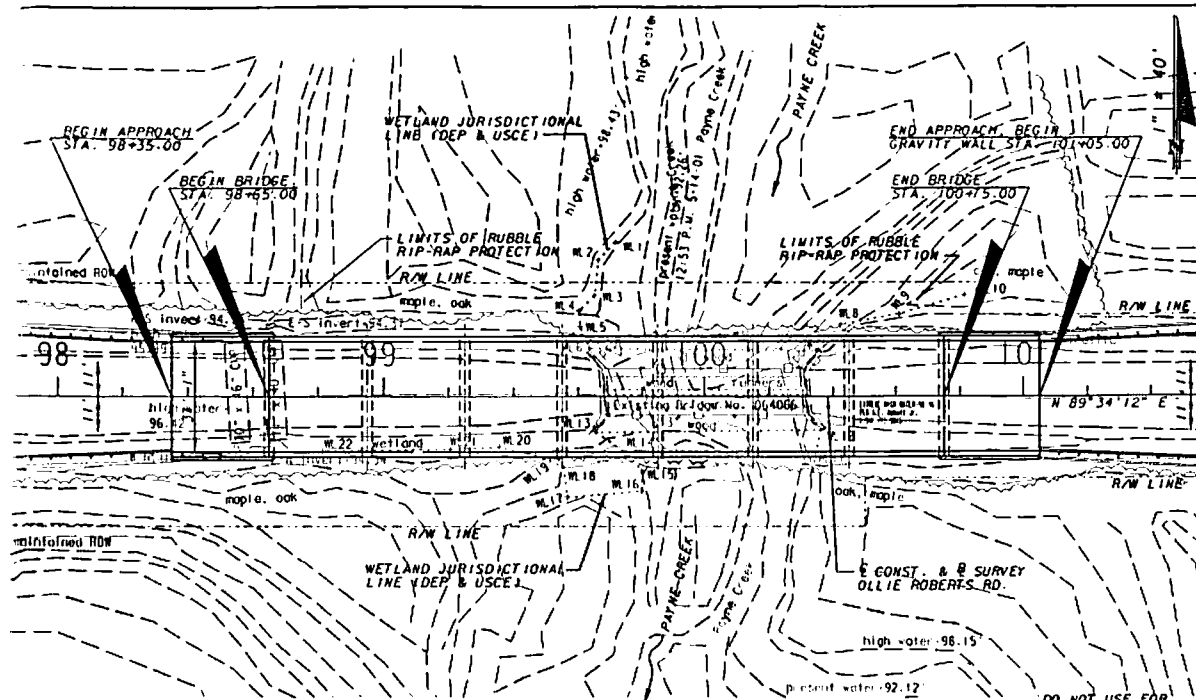
KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: RHETT T. HARPER, P.E.

P.E. NO. 53164

FISCAL YEAR	SHEET NO.
06	1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60E5-23.003, F.A.C.



REFERENCE FOUNDATION	EXISTING STRUCTURES	PROPOSED STRUCTURE
OVERALL LENGTH	121	131
SPAN LENGTH	121	131
TYPE CONSTRUCTION	CONC. PILES	CONC. PILES
AREA OF OPENING: 0 D.F.	20 FT.	20 FT.
BRIDGE WIDTH	30 FT.	30 FT.
ELEV. LOW MEMBER	96.50	96.50
	96.50	96.50

NOTE:
The hydraulic data is shown for informational purposes only to indicate the flood discharges and water surface elevations which may be anticipated in any given year. This data was generated using highly variable factors determined by a study of the watershed. Many judgements and assumptions are required to establish these factors. The resultant hydraulic data is sensitive to changes, particularly antecedent conditions, urbanization, channelization and land use. Users of this data are cautioned against the assumption of precision which cannot be obtained.

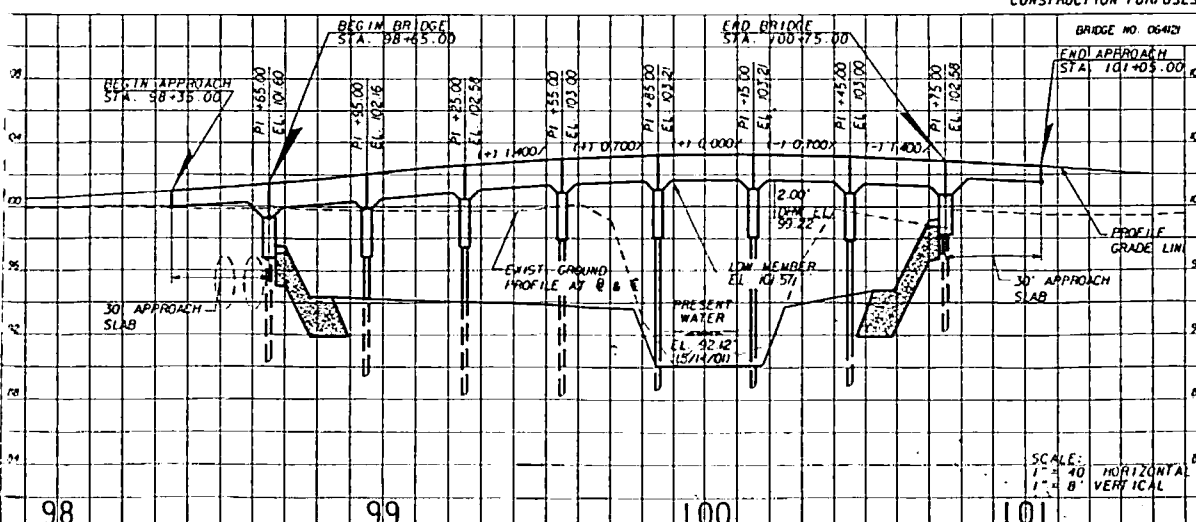
TERMS:
Design Flood: utilized to assure a desired level of hydraulic performance.
Base Flood: has a 1% chance of being exceeded in any given year (100 year frequency).
Overlapping Flood: Causes flow over the highway, over a watershed divide, or thru emergency relief structures.
Greatest Flood: The most severe that can be predicted where overlapping is not practicable.

WATER SURFACE ELEVATIONS:	N.W. (Non-Tidal)	W. (Tidal)	S.W. (Tidal)
CONTROL (Non-Tidal)	96.00	96.00	96.00
	96.00	96.00	96.00

FLOOD DATA:	MAX. EVENT OF RECORD	DESIGN FLOOD	BASE FLOOD	TO OVERLAPPING OF
STAGE ELEV. (ft.)	98.15	98.15	98.15	TO OVERLAPPING OF
DISCHARGE (cfs)	950	950	950	TO OVERLAPPING OF
AVERAGE VELOCITY (ft./s)	7.00	7.00	7.00	TO OVERLAPPING OF
EXCEEDANCE PROB. (%)	0.7	0.7	0.7	TO OVERLAPPING OF
FREQUENCY (yr.)	143	143	143	TO OVERLAPPING OF

HYDRAULIC RECOMMENDATIONS	DESIGN FLOOD	BASE FLOOD	TO OVERLAPPING OF
1. BEGIN BRIDGE STATION	98+45.00	98+45.00	98+45.00
2. CLEARANCE PROVIDED:	NAY: HORIZ. 21.2' VERT. 21.2'	NAY: HORIZ. 21.2' VERT. 21.2'	NAY: HORIZ. 21.2' VERT. 21.2'
3. MINIMUM CLEARANCE:	NAY: HORIZ. 21.2' VERT. 21.2'	NAY: HORIZ. 21.2' VERT. 21.2'	NAY: HORIZ. 21.2' VERT. 21.2'
4. ADJUSTMENTS	NAY: HORIZ. 21.2' VERT. 21.2'	NAY: HORIZ. 21.2' VERT. 21.2'	NAY: HORIZ. 21.2' VERT. 21.2'

REMARKS:
1. ESTIMATE OBSERVED BY A.E. ANDRETTI IN 1941 P. 13-138.



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA	BRIDGE HYDRAULIC RECOMMENDATIONS	SHEET NO.
DEPARTMENT OF TRANSPORTATION		BI-2
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
HARDEE	409215-1-52-01	

NOTES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SAVED AND SEALED UNDER RULE 6805-23.003, F.A.C.