ALTERNATE 1
IMPROVEMENTS
- 800 CFS PUMP STATION
- ADJUSTABLE TIDE GATE
- GRAVITY WALL (400 LFA)
- ELECTRICAL BUILDING AND GENERATOR

ALTERNATE 1 PROJECT COMPONENTS
1. 800 CFS PUMP STATION WITH ELECT. BLDG AND GENERATOR
2. ADJUSTABLE TIDE GATE
3. GRAVITY WALL (400 LFA)
4. RAILROAD TRESTLE REPLACEMENT

ALTERNATE 7 PROJECT COMPONENTS
SICA HALL PUMP STATION SITE
SEE SHEET 3 FOR DETAILS

EASTERN VOLUSIA REGIONAL WATER AUTHORITY
VOLUSIA COUNTY, FLORIDA
NOVA CANAL FLOOD CONTROL
LPGA CANAL - ALTERNATE 1 PUMP AROUND

PRELIMINARY
EASTERN VOLUSIA REGIONAL WATER AUTHORITY
VOLUSIA COUNTY, FLORIDA
NOVA CANAL FLOOD CONTROL

PROJECT COMPONENTS

1. PUMP STATION (1125 CFS), GENERATOR AND ELECTRICAL BLDG.
2. 4-AC POND EXPANSION
3. ADJUSTABLE TIDE GATE
4. HARDENED CANAL BANK
EASTERN VOLUSIA REGIONAL WATER AUTHORITY
VOLUSIA COUNTY, FLORIDA
NOVA CANAL FLOOD CONTROL

REED CANAL PUMP STATION
PARALLEL FM OPTION

PROJECT COMPONENTS
1. PUMP STATION (500 CFS), GENERATOR AND ELECTRICAL BLDG.
2. 4 ACRES POND EXPANSION
3. ADJUSTABLE TIDE GATE
4. 1100 LF 10-Ft DIA. FORCE MAIN
5. JACK AND BORE UNDER US-1
6. PIPE TERMINATION STRUCTURE
PROJECT COMPONENTS

1. 150 CFS PUMP STATION
2. 300 KW GENERATOR
3. 12 AC. POND
4. 5000 LF 72" FORCE MAIN
5. JACK & BORE
6. EQUALIZATION PIPE
   (PROPOSED FOR LAUREL CREEK
    PHASE 1 IMPROVEMENTS - NOT IN
    EVRAIN PROJECT COST)
7. PIPE TERMINATION STRUCTURE