

#### **LEGEND**

EXIST./PROP. OUTFALL PIPE
EXIST./PROP. DRAINAGE PIPE
EXIST./PROP. FRENCH DRAIN
AREA DELINEATION
SUB-BASIN GROUP
EXIST./PROP. CATCH BASIN
EXIST./PROP. MANHOLE
PROP. REGRADING



AREA NUMBER



KHA OBSERVED PONDING

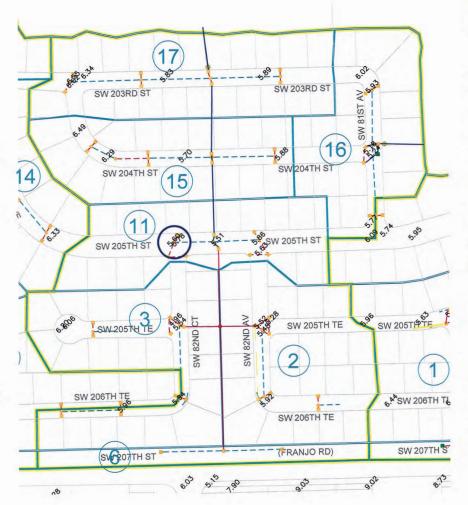


KHA OBSERVED FLOODING



#### SUMMARY OF PROPOSED MODIFICATIONS

-REPLACE 2 C.B. WITH WEIR STRUCTURES
-REPLACE 15 EXISTING CATCH BASINS
-REPLACE 1 EXISTING MANHOLE
-ADD 13 MANHOLES
-ADD 3 CATCH BASINS
-ADD 610 LF 18" PIPE
-ADD 1.400 LF FRENCH DRAIN



### AREA 2 PROPOSED MODIFICATIONS

-REPLACE 3 EXIST. CATCH BASINS -ADD 2 MANHOLES -ADD 65 LF OF 18" PIPE -ADD 220 LF OF FRENCH DRAIN

### AREA 3 PROPOSED MODIFICATIONS -REPLACE 3 EXIST. CATCH BASINS -ADD 2 MANHOLES -ADD 110 LF OF 18" PIPE -ADD 230 LF OF FRENCH DRAIN

AREA 6 PROPOSED MODIFICATIONS
-REPLACE 1 EXIST. CATCH BASIN
-ADD 1 MANHOLE
-ADD 20 LF OF 18" PIPE
-ADD 85 LF OF FRENCH DRAIN

# AREA 11 PROPOSED MODIFICATIONS -REPLACE 2 EXIST. CATCH BASINS -REPLACE 1 EXIST. MANHOLE -ADD 2 MANHOLES -ADD 3 CATCH BASINS -ADD 200 LF OF 18" PIPE -ADD 190 LF OF FRENCH DRAIN

### AREA 15 PROPOSED MODIFICATIONS -REPLACE 2 EXIST. CATCH BASINS -ADD 2 MANHOLES -ADD 45 LF OF 18" PIPE -ADD 210 LF OF FRENCH DRAIN

AREA 16 PROPOSED MODIFICATIONS
-REPLACE 1 C.B. WITH WEIR STRUCTURE
-REPLACE 3 EXIST. CATCH BASINS
-ADD 2 MANHOLES
-ADD 115 LF OF 18" PIPE
-ADD 205 LF OF FRENCH DRAIN

## AREA 17 PROPOSED MODIFICATIONS -REPLACE 1 C.B WITH WEIR STRUCTURE -REPLACE 1 EXIST. CATCH BASINS -ADD 2 MANHOLES -ADD 55 LF OF 15" PIPE -ADD 260 LF OF FRENCH DRAIN





TOWN OF CUTLER BAY STORMWATER MASTER PLAN

SAGA BAY 1.7 SUB-BASIN