**ATTACHMENT (B)**

*HILLSBOROUGH COUNTY SHERIFF'S OFFICE*

**MICROWAVE**

**SIMULCAST SYSTEM EQUIPMENT**

**CONVENTIONAL EQUIPMENT**

**Insert Date**

**MICROWAVE SYSTEM CONFIGURATION**

|  |  |  |
| --- | --- | --- |
| 78th Street Site | to | SOC Site (Loop) |
| 78th Street Site | to | PSOC Site (Loop) |
| EDOC Site | To | PSOC Site (Loop) |
| EDOC Site | to | SOC Site (Loop) |
| EDOC Site | to | Gunn Highway Site |
| EDOC Site | to | Fire Station 10 |
| EDOC Site | to | Fire Station 20 |
| EDOC Site | to | Taylor Road |
| EDOC Site | to | Cork Knight |
| EDOC Site  | to  | TIA |
| EDOC Site | to | Temple Terrace |
| EDOC Site | to | Himes |
| Taylor Road Site | to | Plant City Site |
| 78th Street Site | to | Tampa General Hospital Site |
| Bullfrog Site | to | D4 HQ Site |
| 78th Street Site | to | Bull Frog Site |
| Bullfrog Site | to | Wimauma Site |
| 78th Street Site | to | Pinecrest Site |
| Pinecrest Site | to | Hurrah Site |
| TGH | to | Fire Station 15  |
| Cork Knight | to | Herring |
| Fire Station 20 | to | Morris Bridge |
| Fire Station 20 | to | Tampa VA |
| Gunn Highway | to | Pinellas |
| 78th Street |  | Radio Shop |

**800 MHz EDACS SIMULCAST SYSTEM CONFIGURATION**

**EAST** System

**WEST** System

(10-Site)

(2-Site)

(7-Site)

15-Channel Simulcast System 15-Channel Receive Only

1. Channel Simulcast System

**EDACS CONTROL POINT SITE**

78TH Street Site

* 1. CP for East EDACS Simulcast System

(1) CP for West EDACS Simulcast System

(1) CP for Mutual Aid Conventional Simulcast System

(1) Voting System West Simulcast System

(1) Voting System East Simulcast System

(1) Voting System Mutual Aid Simulcast System

(1) C3 Maestro Console

(1) CSD (Communications System Director)

(1) FIAL Alarm Monitor

(1) EDACS Simulcast Alarm Monitor Computer

(1) EDACS Network Sentry Monitor Computer

**P25 SIMULCAST SYSTEM CONFIGURATION**

East System – (8-Site) 10-Channel Simulcast system

West System – (10-Site) 10-Channel Simulcast System

**P25 CONTROL POINT SITE**

PSOC

1. CP for East P25

 EDOC

 (1) CP for West P25

78th Street Site Equipment

1. Symphony Console
2. P25 Alarms PC

**DISPATCH CENTER AND IMC SWITCH SITE SHERIFF'S OFFICE (SOC)**

(1) IMC SWITCH

(1) EMG

(1) IMC MANAGER COMPUTER

(1) TRIM-PC LOGGING RECORDER

(1) CAD-LINK COMPUTER

(1) C3 Maestro Consoles

(17) Symphony Consoles

(3) Backup Radio Antenna Systems

(6) ACU-1000 Radio Antenna Systems

(1) Network Switching Center

(1) Network First Gateway

**FIRE RESCUE DISPATCH AND RCEC SWITCH SITE**

(1) RCEC SWITCH

(1) RCEC MANAGER COMPUTER

(1) TRIM-PC LOGGING RECORDER

**EAST EDACS SYSTEM**

(10) Transmit & Receive Simulcast Sites 78th Street Site

Wimauma Site

04 HQ Site

Pinecrest #1 Site

Pinecrest #2 Site

Plant City

Bull Frog

Taylor Road (East)

EDOC (East)

Cork Knight

(2) Receive Only Sites

Gunn Highway Site

Hurrah Site

**WEST EDACS SYSTEM**

(7) Transmit & Receive Simulcast Sites

Gunn Highway

FS-10

FS-20

TGH

EDOC (West)

Taylor Road (West)

Himes

**WEST P25 SYSTEM**

(10) Transmit & Receive Simulcast Sites

 Temple Terrace

 TGH

 TIA

 78th St

 Gunn Hwy

 EDOC

 Fire Station 20

 Tampa VA

 Morris Bridge

 Fire Station 15

**EAST P25 SYSTEM**

(8) Transmit and receive simulcast sites

 Cork Knight

 Bullfrog

 Pinecrest

 Wimauma

 Herring St

 Taylor Rd

 D4

 Hurrah

**800 MHz CONVENTIONAL SIMULCAST SYSTEM CONFIGURATION**

County Wide (7-Site) 4-Channel Simulcast System

Gunn Highway

FS-20

EDOC

78th Street

Cork Knight

 Pinecrest

Wimauma

04 HQ (RX Only)

Hurrah (RX Only)

**UHF 450 MHz CONVENTIONAL SYSTEM ORIENT ROAD JAIL COMPLEX**

(1) Transmit & Receive Site (3-Channel)

(1) Transmitter Combiner

(1) Receiver Multicoupler

(3) RADIAX Antenna Cable Systems

(1) Outside Transmit Antenna

(1) Inside Receive Antenna System

(5) Zetron Max Consoles

**UHF 450 MHz CONVENTIONAL SYSTEM FALKENBURG ROAD JAIL COMPLEX**

(1) Transmit & Receive Site (2-Channel)

(1) Transmitter Combiner

(1) Receiver Multicoupler

(1) Outside Transmit Antenna

(1) Outside Receive Antenna

(5) Zetron Max Consoles

**ALTERNATE DISPATCH CENTER (PINEBROOKE BUILDING)**

(4) Antenna Systems

(1) Symphony Console

**GENERAL INFORMATION**

**MICROWAVE**

(25) Microwave Hops

Harris Corporation DVM 6-45 Excell

lntraplex Multiplex

Nokia Microwave MDR8000

Nokia Microwave MPR9500

Nokia MPLS Router

**SYSTEM EQUIPMENT TOTAL**

(140) MASTR Ill STATIONS (West EDACS SIMULCAST)

 (150) MASTR Ill STATIONS (East EDACS SIMULCAST)

(30) MASTR Ill EDACS AUX RX

(28) MASTR Ill MUTUAL AID CONVENTIONAL

(8) MASTR Ill AUX RX (Mutual Aid)

(100) MASTR V STATIONS (West P25 SIMULCAST)

(80) MASTR V STATIONS (East P25 SIMULCAST)