

ARKANSAS STATE HIGHWAY
AND
TRANSPORTATION DEPARTMENT

Dan Flowers
Director
Telephone (501) 569-2000



P.O. Box 2261
Little Rock, Arkansas 72203-2261
Telefax (501) 569-2400

August 2, 2006

Honorable Doug Formon,
Mayor, City of Jonesboro
P.O. Box 1845
Jonesboro, Arkansas 72403

Dear Mayor Formon:

As our Traffic Engineering Staff has discussed with Mr. Tony Thomas of your Staff, the existing master sites in Jonesboro are not adequate to handle the intersections that are being added as part of several of our State Jobs. Various alternatives have been considered for adding a new master site that can serve present and future needs. It has been recommended by our Staff that a site be added as part of Job 100612, at the existing radio tower at the City's 911 Center, 411 W. Monroe. Job 100612 is funded 10% City with total cost to the Job for the master site estimated at \$20,000.

The need for this addition partly results from the City's loss of one of the existing tower sites. This leaves the master at this site inoperable resulting in the loss of monitoring of the intersections on this system. Also, the remaining master controllers communicate with a mix of older units. The slow communications rate of these older units significantly limits the ability of the operators to work with the system.

The proposed site is centrally located, which provides communications with an extended portion of the central and south portion of the City. By installing a new second master at this location, we will be able to separate the various intersections into the needed groups and greatly improve communications to intersections installed within the past five years on the earlier jobs. We should be able to get the intersections back on-line that are associated with the site that is now inoperable. The new master site will also be suitable for relocation of the existing master that is currently located inside the 911 Center.

Enclosed is a set of plans with details on the proposed location. Also enclosed is an amended Traffic Control Device Agreement. If you concur, please sign and return both originals as soon as possible. We will sign and return a copy for your records. This State Job is scheduled to let August 23, 2006. Because of the short deadline, based on your concurrence, we are proceeding with inclusion of the work in this Job. If you have any questions please contact Mr. Mark Lyons, of our staff, at 501 569 2378.

Sincerely,

David Lambert
State Maintenance Engineer

Enclosures

c: Chief Engineer
Assistant Chief Engineer - Operations
Assistant Chief Engineer - Design
Programs and Contracts
District 10 Engineer

02-100-0239-00
Street Signalization

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
TRAFFIC CONTROL DEVICE AGREEMENT**

AGREEMENT NO.: 714 Amended

Date: 8/2/2006

Maintenance Authority: Jonesboro

Job No: 100612

DISTRICT No: 10 COUNTY: CRAIGHEAD

Street Name of primary local corridor:

Route No(s) : 18/63B Section .:

WHEREAS,

authority for the control of the locations and types of all traffic control devices on State Highways has been delegated to the State Highway Commission by Section 109(d), Title 23, U.S. Code, and Ann. 27-52-104, 105, and 106; and

WHEREAS,

the State Highway Commission has officially adopted a Manual and Specifications for a uniform system of traffic control devices, and the Minute Order 2001-141 of July 11, 2001 has implemented these statutes to the operation of traffic control devices by local governments;

NOW THEREFORE,

in accordance with these authorizations, the following agreement is made between the agency herein designated as Maintenance Authority and the Arkansas State Highway and Transportation

- 1) The Maintenance Authority hereby agrees to provide electrical power to the controller (s) for the traffic control device(s) and to maintain the traffic control device(s) being installed by the Arkansas State Highway and Transportation Department at the intersection(s) listed below at no cost to the Department.

Description:

Installation of a traffic signal: Hwy. 18/63B and Nettleton:

Closed Loop Master & Cabinet: at Tower Site 911 Center W. Monroe Ave

- 2) No modifications to the traffic control device installation or changes in the controller dial settings, cycle length, and operations of the traffic control device will be made without approval from the Department.

- 3) The Maintenance Authority will save the Department harmless from any and all damage claims that may arise during the period that the traffic control devices are being maintained by the Maintenance Authority.

Maintenance Authority:

Jonesboro

**ARKANSAS STATE HIGHWAY AND
TRANSPORTATION DEPARTMENT**

Robert L. Walters

TITLE

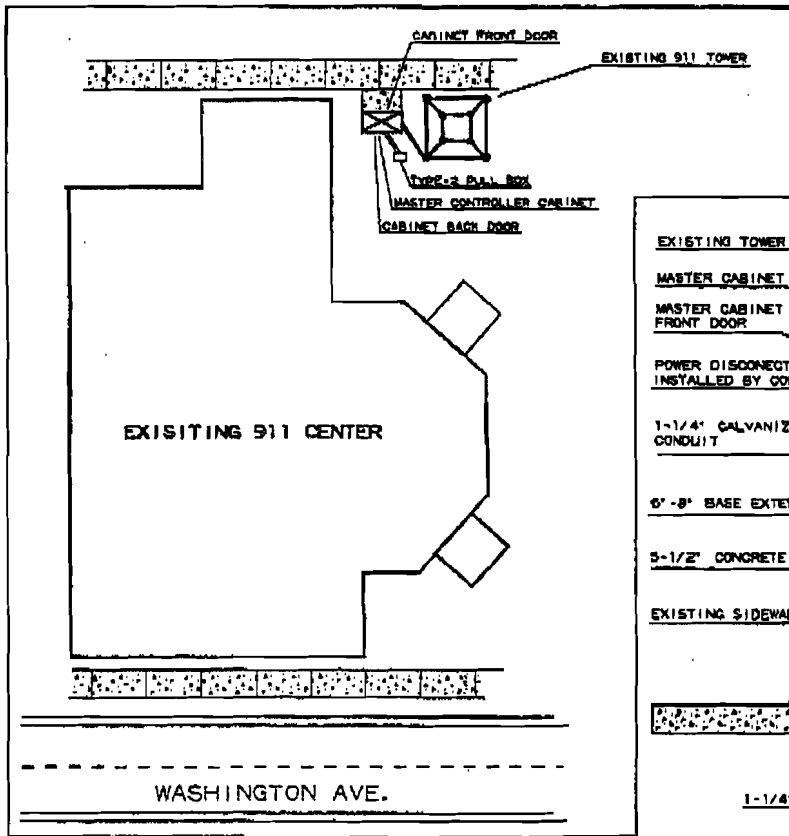
Chief Engineer

DATE

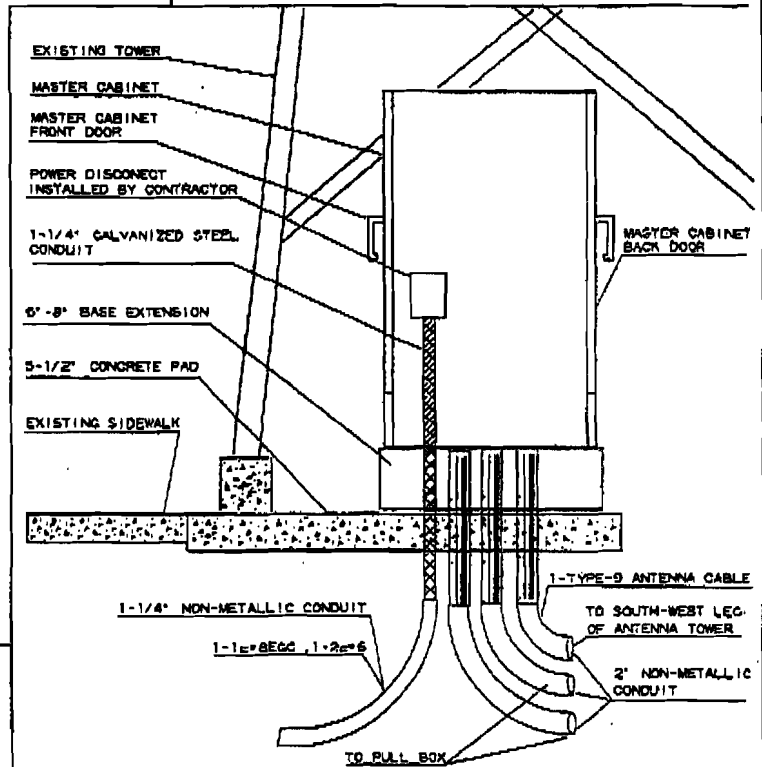
(Signals)

DATE REVISED	DATE FILED	DATE REVISED	DATE FILED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
		07-27-06		6	ARL.			
				JOB NO.		K0612		
				② Master Site Details				

MASTER CONTROLLER LOCATION LAYOUT



SIDE VIEW OF MASTER CABINET



MASTER CONTROLLER QUANTITIES

ITEM NO.	ITEM	TOTAL	UNIT
SP&701	Master Controller With Cabinet & Battery Backup	1	Each
SP&701	Master Radio with Antenna	1	Each
709	Galvanized Steel Conduit (1.25")	10	Lin. Ft
709	Galvanized Steel Conduit (2")	10	Lin. Ft
710	Non-Metallic Conduit (2")	30	Lin. Ft
6&&711	Concrete Pull Box (Type 2 HD)	1	Each
SP	Electrical Conductors-in-Conduit (2c/6 A.W.G.)	100	Lin. Ft
SP	Electrical Conductors-in-Conduit (1c/8 A.W.G., EGC)	230	Lin. Ft
SP	Antenna Cable (Type 9)	130	Lin. Ft
710	Non-Metallic Conduit (2")	130	Lin. Ft

NOTES-

- CITY WILL PROVIDE A MAIN BREAKER AND SERVICE POINT.
- MASTER RADIO ANTENNA SHALL BE ATTACHED IN AN APPROVED MANNER ON THE EXISTING 911 TOWER.
- RADIO CABLE SHALL BE ATTACHED IN AN APPROVED MANNER.

LOCATION: City 911 Center

CITY: Jonesboro

COUNTY: Craighead

DISTRICT: 10 SCALE: 1" = 10' DRAWN BY: MAN