

PROJECT DESCRIPTION

I. GENERAL

This project involves the reconstruction of an existing wood pole Traffic Control Signal with interconnect at the intersection of MD 202 (Landover Rd) and Kenmoor Dr in Prince George's County.

II. INTERSECTION OPERATION

- 1. The intersection shall continue to operate in a NEMA four-phase, fully-actuated mode, with the MD 202 (Landover Rd) approaches continuing to run concurrently.

III. SPECIAL NOTES

- 1. The Contractor is to pull back the existing interconnect cable from the pole-mounted cabinet south along MD 202 approximately 400' to the existing handhole in the median.

The contact persons for District #3 (Prince George's County) and SHA are as follows:

Ms. Felicia Murphy Assistant District Engineer - Traffic Phone: (301) 513-7358

Mr. Ed Rodenhizer Manager, Signal Operations Section 410-787-7652

Mr. Vernon Stinnett Assistant District Engineer - Maintenance Phone: (301) 513-7304

Mr. Sonny Bailey Manager, Sign Shop Operations 410-787-7676

Mr. Victor Grafton District Engineer - Utility Phone: (301) 513-7350

The power company representative is: Baltimore Gas and Electric 7317 Parkway Drive South Hanover, MD 21076 410-850-4620 WMS #0001923863

Mr. Richard L. Daff, Sr. Chief, Traffic Operations Division Phone: (410) 787-7630

EQUIPMENT LIST (Cont.)

A. EQUIPMENT TO BE SUPPLIED BY S.H.A.

Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like M1-5(6) GUIDE SHIELD ASSEMBLY and Pedestrian education R10-3(1) sign.

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like 1003 Maintenance of traffic per assignment, 2001 Class 2 Excavation, 5004 12" white heat applied permanent preformed thermoplastic pavement marking.

C. EQUIPMENT TO BE REMOVED

SHA Forces shall remove the controller and all auxiliary equipment from the controller cabinet. SHA Forces shall relocate existing bus interface into the new cabinet. The existing cabinet and all other removed signal materials are to become property of the contractor.

PHASE CHART

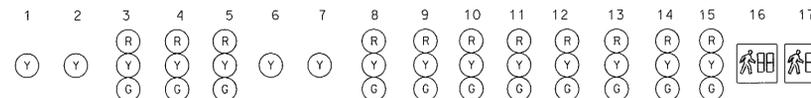
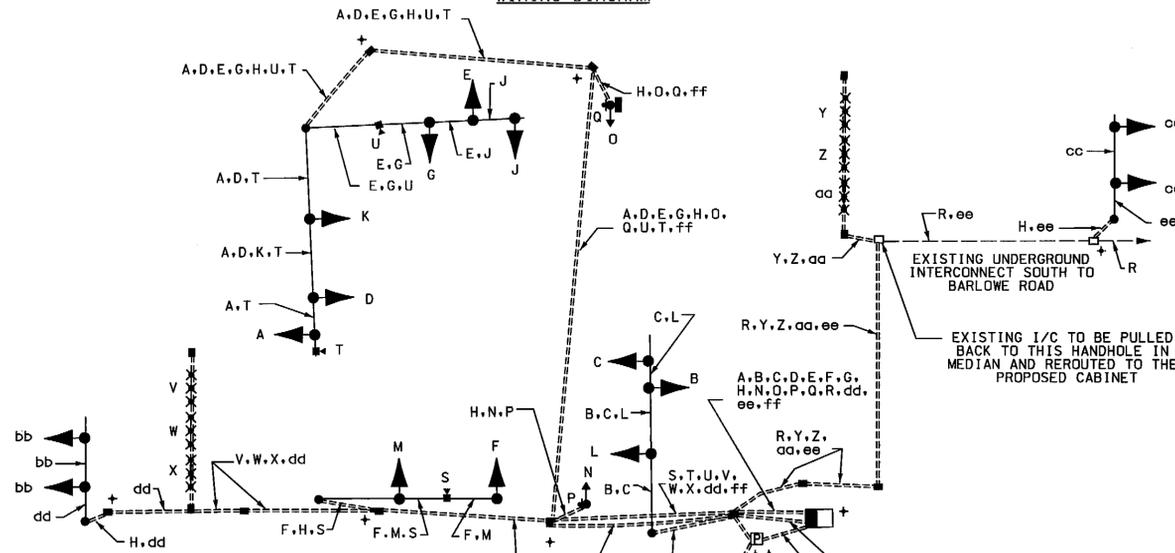


Table with columns: PHASE 2 & 6, 2 & 6 CHANGE, PHASE 4 & 8, 4 & 8 CHANGE, PHASE 4 & 8 ALT, PED CLEAR / COUNTDOWN, 4 & 8 ALT CHANGE, FLASHING OPERATION. Rows show signal states for various phases.

* SHALL FLASH ONLY WHEN SCHOOL CROSSING PERSONNEL OPERATE TURN KEY SWITCH

WIRING DIAGRAM



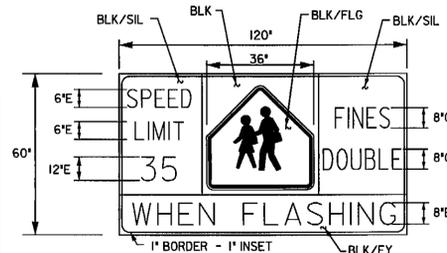
WIRING KEY

- 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
H - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
P 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
Q 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
R - EXISTING 12-PAIR VOICE GRADE INTERCONNECT CABLE
S CONTROL CABLE (CAMERA TO CONTROLLER) UP TO 500'
U CONTROL CABLE (CAMERA TO CONTROLLER) UP TO 500'
V NONINVASIVE MICROLOOP LEAD-IN CABLE (UP TO 1000')

NOTE: THE HIB'S SHALL OPERATE BY A "TURN/KEY" OUTPUT TO CONTROLLER'S SPECIAL FUNCTION PROGRAM

TOD No: XX445-26
SHA No: PG719A5F/B5F
MD 202 @ Kenmoor Drive

SPECIAL SIGN DETAIL



STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

MD 202 (LANDOVER ROAD) AND KENMOOR DRIVE GLENARDEN, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE 8-24-10 CONTRACT NO. XX4455185

DESIGNED BY JW ALLEN COUNTY PRINCE GEORGE'S
DRAWN BY R CICCHINI LOGMILE 16020210.61
CHECKED BY SAR B-25-10 TMS NO. K018
F.A.P. NO. TOD NO.

TS NO. 4743A DRAWING NO. 3 OF 4 SHEET NO. OF

