US 13 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF ALL EXISTING TRAFFIC SIGNAL HEADS WITH BLACK FACED HEADS AND THE SPLITTING OF THE SIDE STREET PHASING.

SIGNAL HEADS 8&11 ARE TO BE REPLACED WITH 4-SECTION HEADS

EXISTING SIGNALS

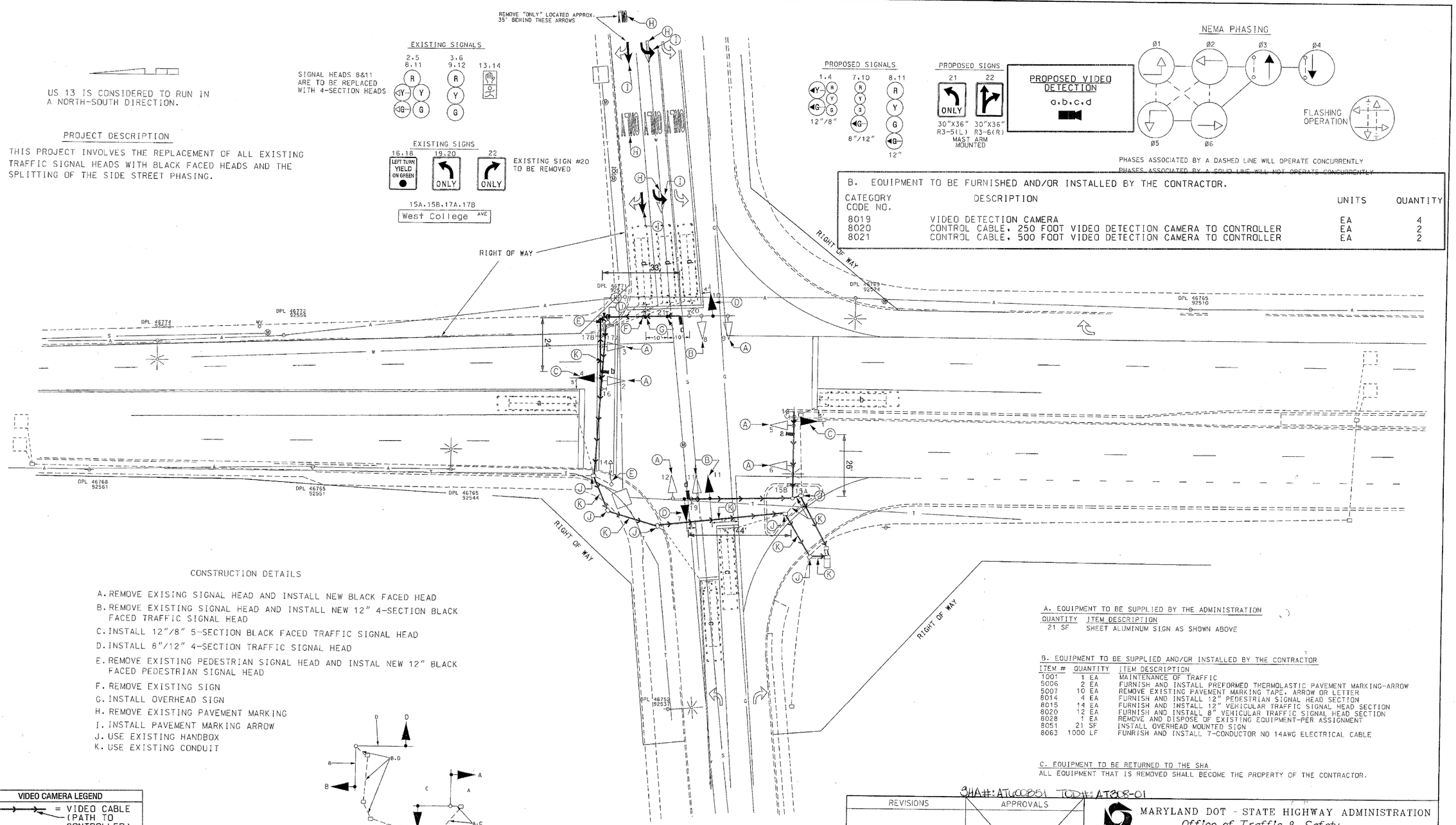
EXISTING SIGNS

EXISTING SIGN #20 TO BE REMOVED

15A,15B,17A,17B

West College AVE

REMOVE "ONLY" LOCATED APPROX. 35' BEHIND THESE ARROWS



PROPOSED SIGNALS

PROPOSED SIGNS

PROPOSED VIDEO DETECTION

a,b,c,d

NEMA PHASING

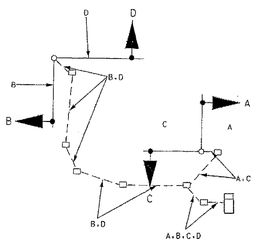
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
8019	VIDEO DETECTION CAMERA	EA	4
8020	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	2
8021	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	2

CONSTRUCTION DETAILS

A. REMOVE EXISING SIGNAL HEAD AND INSTALL NEW BLACK FACED HEAD
B. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW 12" 4-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
C. INSTALL 12"/8" 5-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
D. INSTALL 8"/12" 4-SECTION TRAFFIC SIGNAL HEAD
E. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND INSTAL NEW 12" BLACK FACED PEDESTRIAN SIGNAL HEAD
F. REMOVE EXISTING SIGN
G. INSTALL OVERHEAD SIGN
H. REMOVE EXISTING PAVEMENT MARKING
I. INSTALL PAVEMENT MARKING ARROW
J. USE EXISTING HANDBOX
K. USE EXISTING CONDUIT



A,B,C,D .7-CONDUCTOR NO 14AWG

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
21 SF	SHEET ALUMINUM SIGN AS SHOWN ABOVE

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5006	2 EA	FURNISH AND INSTALL PREFORMED THERMOLASTIC PAVEMENT MARKING-ARROW
5007	10 EA	REMOVE EXISTING PAVEMENT MARKING TAPE, ARROW OR LETTER
8014	4 EA	FURNISH AND INSTALL 12" PEDESTRIAN SIGNAL HEAD SECTION
8015	14 EA	FURNISH AND INSTALL 12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8020	12 EA	FURNISH AND INSTALL 8" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8028	1 EA	REMOVE AND DISPOSE OF EXISTING EQUIPMENT-PER ASSIGNMENT
8051	21 SF	INSTALL OVERHEAD MOUNTED SIGN
8063	1000 LF	FUNRISH AND INSTALL 7-CONDUCTOR NO 14AWG ELECTRICAL CABLE

C. EQUIPMENT TO BE RETURNED TO THE SHA
ALL EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

SHA#: AT6002851 TOD#: AT308-01

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

UTILITY LEGEND

G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS

B 3/ /08 INSTALL VIDEO DETECTION SHA RQ. AT3085185 SWA

A 6/01 UPGRADE HEADS TO BLACK FACED SPLIT SIDE STREETS, ADD NEAR SIDE HEADS. TIMSW E631 CJS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 13 @ W. COLLEGE AVENUE

DRAWN BY: W. RICHARDSON	F.A.P. NO.	TS NO. 1883XB	SHEET NO.
CHECKED BY:	S.H.A. NO. 2318WT2502951		
SCALE: 1:20	COUNTY: WICOMICO	T.I.M.S. NO. N/A	1 OF 1
DATE: 11/82	LOG MILE: 22B01304.17		

FILE: 2002-2 2006\26\task 12\dwg\tff\wicomico\us13@wcollege.dgn
DATE: 2/28/2006 08:01