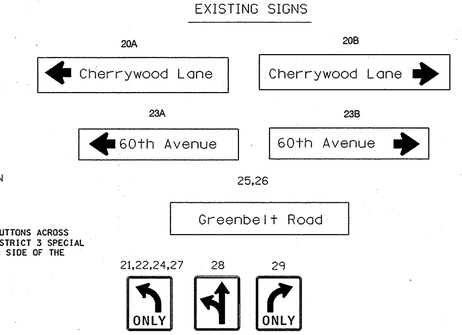
MD 193 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

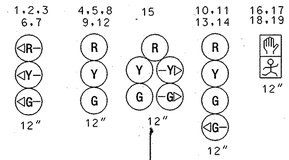
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF APS PUSHBUTTONS ACROSS THE EAST AND THE NORTH LEGS OF THE INTERSECTION. DISTRICT 3 SPECIAL PROJECTS IS INSTALLING NEW SIDEWALK ALONG THE NORTH SIDE OF THE ROADWAY.

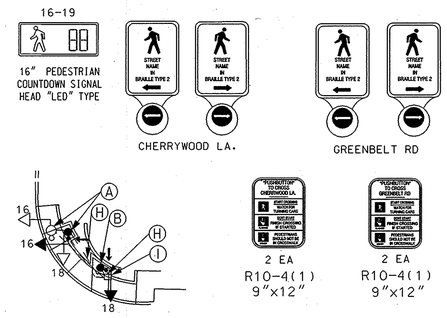
EXISTING SIGNS



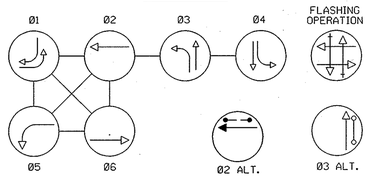
EXISTING SIGNALS



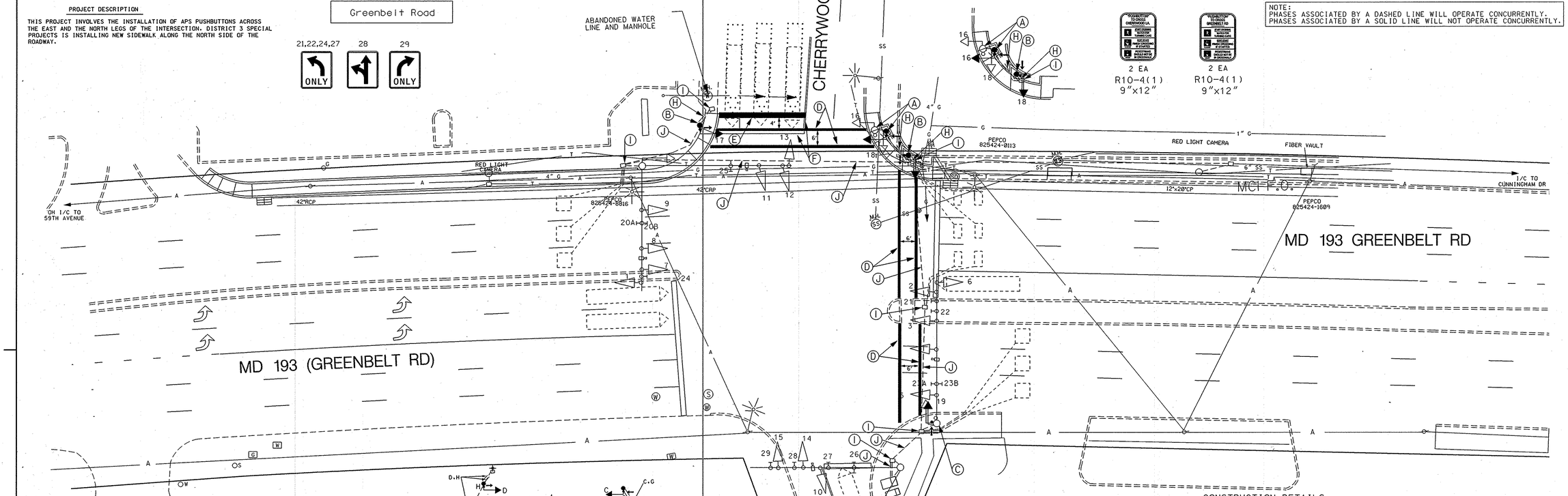
PROPOSED SIGNALS



NEMA PHASING



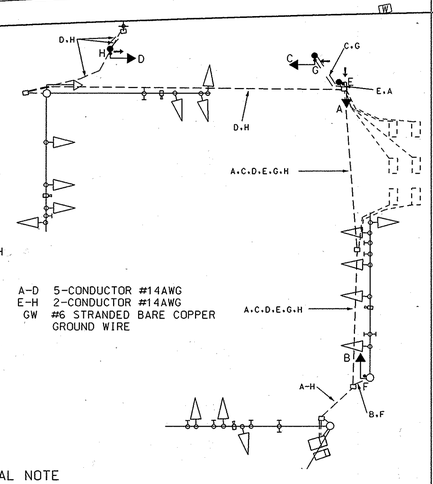
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINSTRATION

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

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	0	MAINTENANCE OF TRAFFIC (See MD 193 @ Cunningham)
2002	2 CY	TEST PIT EXCAVATION
5003	275 LF	F&I 12" WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING
5004	40 LF	F&I 24" WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING
5005	140 LF	REMOVAL OF EXISTING PERMAMENT PAVEMENT LINE MARKING-ANY WIDTH
8006	1 EA	F&I 2 WIRE CENTRAL CONTROL UNIT
8014	4 EA	F&I AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGNS
8015	2 EA	F&I BREAKAWAY PEDESTAL POLE (ANY SIZE)
8024	4 EA	F&I LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD
8028	0	REMOVE AND DISPOSE OF EXISTING EQUIPMENT PER ASSIGNMENT SEE MD 193 @ Cunningham
8030	1 EA	REMOVE FOUNDATION 12" DEPTH
8031	40 LF	2" SCH 80 RIGID PVC CONDUIT-TRENCHED
8040	3 CY	F&I CONCRETE FOR SIGNAL FOUNDATION
8043	100 LF	F&I #6 AWG STRANDED BARE COPPER GROUND WIRE
8070	1 EA	F&I GROUND ROD-3/4" DIAMETER X 10' LENGTH
8076	700 LF	F&I ELECTRICAL CABLE 2-CONDUCTOR (NO 14AWG)
8078	700 LF	F&I ELECTRICAL CABLE 5-CONDUCTOR (NO 14AWG)



SPECIAL NOTE

THE CONTRACTOR SHALL CONTACT MR. TED BEEGHLY OR MR TRAVIS WILSON OF THE DISTRICT 3 SYSTEMS ENGINEERING TEAM, TO ARRANGE THE COORDINATION NECCESSARY WHEN REMOVING AND REINSTALLING THE POLES IN THE NE CORNER OF THE INTERSECTION. THERE WILL BE COORDINATION REQUIRED WITH THE DISTRICT'S CONCRETE CONTRACTOR

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

CONSTRUCTION DETAILS

A. RELOCATE EXISTING PED POLE AS SHOWN. REMOVE EXISTING FOUNDATION 12" BELOW GRADE. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL, APS PUSHBUTTON AND PEDESTRIAN EDUCATION SIGN ON RELOCATED POLE
B. INSTALL PEDESTAL POLE ON BREAKAWAY BASE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON, PEDESTRIAN EDUCATION SIGN
C. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON AND INSTALL NEW LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND APS PUSHBUTTON
D. INSTALL 12" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSALK
E. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSALK
F. REMOVE EXISTING PAVEMENT MARKING
G. ADJUST VIDEO DETECTION ZONE
H. INSTALL 2" SCH 80 RIGID PVC CONDUIT TRENCHED
I. USE EXISTING HANDBOX
J. USE EXISTING CONDUIT

TOD No: AT782-20
SHA No: PG694A55/B55
Prince George's County

PROJECT CONTACTS

MR LEE STARKLOFF
ADE-TRAFFIC
1-301-513-7318

MR TED BEEGHLEY
D-3 SYSTEMS SYSTEMS TEAM
1-301-513-7467

MR TRAVIS WILSON
D-3 SYSTEMS SYSTEMS TEAM
1-301-513-7487

MR RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIV
410-787-7630

MR. RICHARD BAKER
CHIEF, TCDIS
410-787-7643

MR. ED RODENHIZER
SUPERVISOR, SHA SIGNAL OPS.
410-787-7650

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 @ CHERRYWOOD LN./60TH AVE

APPROVALS	
TEAM LEADER	ORIGINALS ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS				
F	RECONSTRUCT SIGNAL PG3255130			3/03
JOG	MAR			
G	INSTALL APS AND COUNTDOWNS NORTH AND EAST LEGS FOR DIST SW PROJECT AT599A21 AT7825185 G674 1/2006			
CJS				

PLOTTED: $DATETIME$
FILE: $FILE$

TRAFFIC SIGNAL PLAN

SCALE 1:20 DATE JANUARY 1971 CONTRACT NO. P-385-001-385

DESIGNED BY STEVE RENZI
DRAWN BY STEVE RENZI
CHECKED BY
FAP NO.

COUNTY PRINCE GEORGE'S
LOGMILE 16019305.18
TIMS NO. TIMS NO.
TOD NO.

TS NO. 273-G DRAWING - OF SHEET NO. - OF -

BY: $USERNAME$