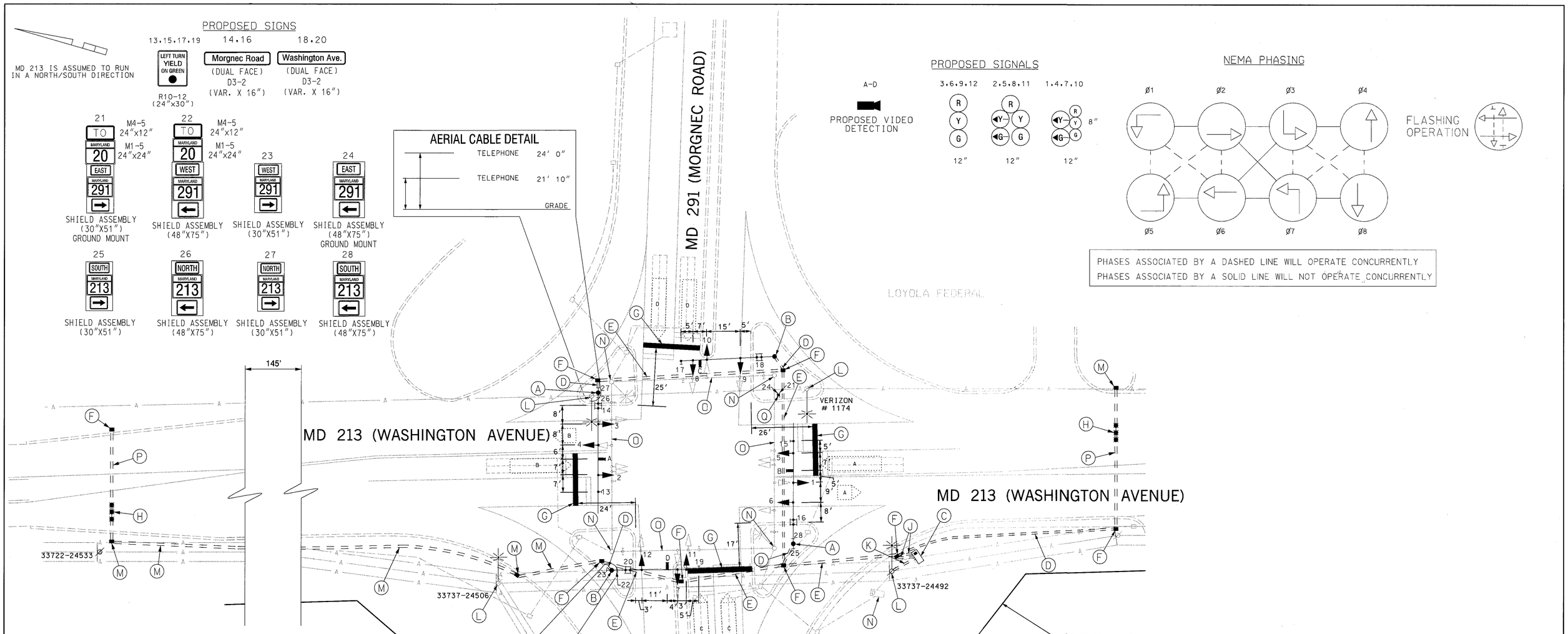

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 21 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1¾ IN. X 90 IN. ANCHOR BOLTS.)

B. INSTALL CONCRETE FOUNDATION WITH A 21 FT. STEEL POLE WITH SINGLE 40 FT. MAST ARM WITH SIGNAL HEADS, SIGNS AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR 1¾ IN. x 90 IN. ANCHOR BOLTS.)

C. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: PVC SCHEDULE 80 CONDUIT BENDS).

D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.

E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- SLOTTED.

F. INSTALL HANDHOLE.

G. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.

H. INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD IN. (TO BE PLACED IN THRU LANE ONLY)

J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED

K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED STUB OUT CONDUIT BEND AT BASE OF POWER POLE AND COIL UP 35 FT. OF SLACK CABLE WITH PULL STRING. (33737-24492).

L. SHA TO PROVIDE LEASE LIGHTING WITH POWER COMPANY (CONECTV).

M. USE CONDUIT AND HANDOLES AS INDICATED ON THE INTERCONNECT PLAN.

N. REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT

O. REMOVE AND DISPOSE OF EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

P. INSTALL 3 IN. PVC SCHEDULE 80 CONDUIT - BORED.

Q. INSTALL 6"X6" WOOD POST ATTACH SIGNS NUMBER 22 AND 24.

GENERAL NOTES

1. Video camera location / aligning shall be coordinated with the SHA Engineer.
2. The Contractor shall verify all proposed pole and cabinet locations prior to installation.
3. All existing traffic signal equipment shall become the property of the signal contractor upon completion of the new signal.
4. Existing pavement markings that conflict with proposed pavement markings shall be removed as directed by the engineer..
5. All proposed poles shall be painted brown.
6. The SHA to request for roadway lighting with least aggrement from local power company for all four quadrants. (See construction detail "L").

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

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REVISIONS					
D AW#XX108J185 RECONSTRUCT SIGNAL WITH VIDEO CAMERA DETECTION					11-9-01
SWA					
C ADD E/P LT'S ON NB & SB MD 213					12-1-94
SMR					
B RELOCATE HANDBOX AND CONDUIT IN NW CORNER					6-14-90
	GA	DAZ	ETP	TH	
A INSTALL MAINLINE LOOP FOR FULL. ACTUATION					4-7-86
JJD	SR	DAZ	ETP	TH	

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 291 (MORGNEC ROAD) AT MD 213 (WASHINGTON AVENUE)

DRAWN BY:	J.H.	F.A.P. NO.	DE413A51 1851	TS NO. TS-39D	SHEET NO.
CHECKED BY:	D.A.Z	S.H.A. NO.			
SCALE:	1"=20'	COUNTY:	KENT COUNTY	T.I.M.S. NO. E452	1 OF 2
DATE:		LOG MILE:	14021301.32		