



**PROPOSED SIGNS**



MD 216 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

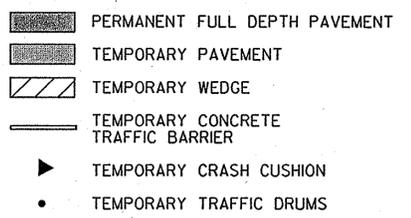
**CONSTRUCTION DETAILS**

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (FUTURE 70 FT. MAST ARM), 20 FT. LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL, BACKGUY AND ANCHOR ASSEMBLIES, AND ONE - 2 IN. RISER WITH WEATHERHEAD. (NOTE: TWO 3" PVC SCHEDULE 80 CONDUIT BENDS). VIDEO DETECTION CAMERAS 'B' AND 'D' SHALL BE INSTALLED ON THE 20' LIGHTING ARM. COIL SLACK CABLE FOR VIDEO DETECTION CAMERA 'D' ON STRAIN POLE. TEMP RD. STA. 21+66 25' LT.
- B. INSTALL 50 FT. WOOD POLE WITH 20 FT. LIGHTING BRACKET ARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL AND BACKGUY AND ANCHOR ASSEMBLIES. TEMP RD. STA. 22+62 95' RT.
- C. INSTALL NEMA SIZE 6 BASE MOUNTED TRAFFIC RESPONSIVE MASTER CONTROLLER AND CABINET WITH ELECTRICAL SERVICE EQUIPMENT FOR UNDERGROUND SERVICE (NOTE: 3 INCH SCHEDULE 80 CONDUIT BEND FOR ELECTRICAL SERVICE). TEMP RD. STA. 21+77 24' LT.
- D. INSTALL 3/8" STEEL SPAN WIRE WITH 1/4" TETHER SPAN WIRE, SIGNAL HEADS, AND SIGN TO PROPOSED WOOD AND STEEL POLES.
- E. INSTALL HANDHOLE.
- F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
- G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
- H. PROPOSED OVERHEAD FEED BY BG&E.
- I. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- J. REMOVE EXISTING SIGNAL STRAIN POLE, FOUNDATION, AND ALL ASSOCIATED EQUIPMENT THEN BACKFILL 12 IN. BELOW GRADE.
- K. REMOVE EXISTING BASE MOUNTED CABINET AND FOUNDATION THEN BACKFILL 12 IN. BELOW GRADE.
- L. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
- M. REMOVE EXISTING PAVEMENT MARKINGS.
- N. PROPOSED VIDEO DETECTION ZONE.

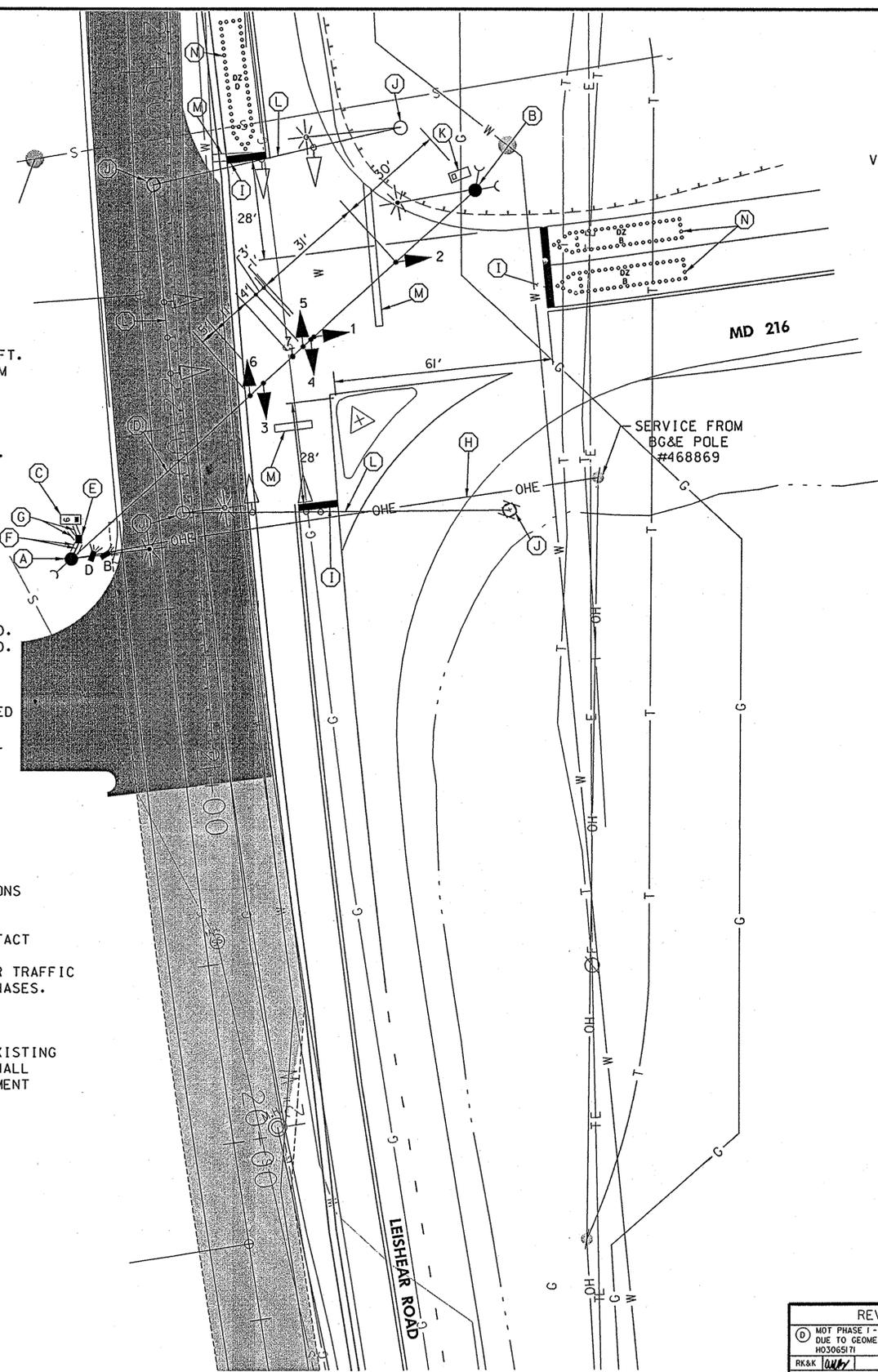
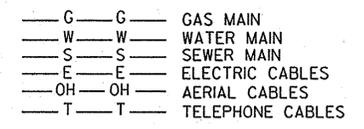
**GENERAL NOTES**

- 1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING TEMPORARY SIGNAL EQUIPMENT. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IF ANY UTILITY CONFLICTS SHOULD ARISE.
- 3. THE CONTRACTOR SHALL INSTALL 60 FT. OF SLACK CABLE (PER HEAD) FOR TRAFFIC SIGNAL HEADS 3-6 TO REALIGN SIGNAL HEADS IN FORTHCOMING M.O.T. PHASES. COIL SLACK CABLE ON STRAIN POLE.
- 4. THE WOOD POLE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 10 FEET.
- 5. FOR PROPOSED PAVEMENT MARKINGS OTHER THEN THOSE DETAILED ON THIS PLAN REFER TO THE M.O.T. PLANS IN THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THIS PROPOSED M.O.T. PLAN SHALL BE REMOVED PRIOR TO INSTALLATION OF PROPOSED MARKINGS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- 6. REFER TO MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY SIGNING.

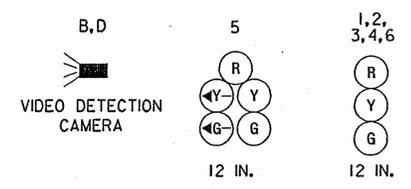
**MAINTENANCE OF TRAFFIC LEGEND**



**UTILITY LEGEND**

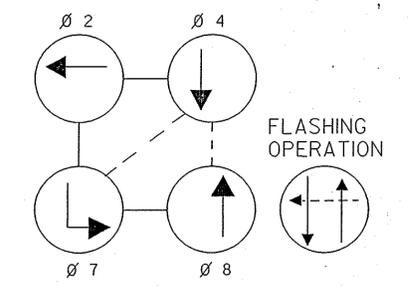


**PROPOSED SIGNAL HEADS**



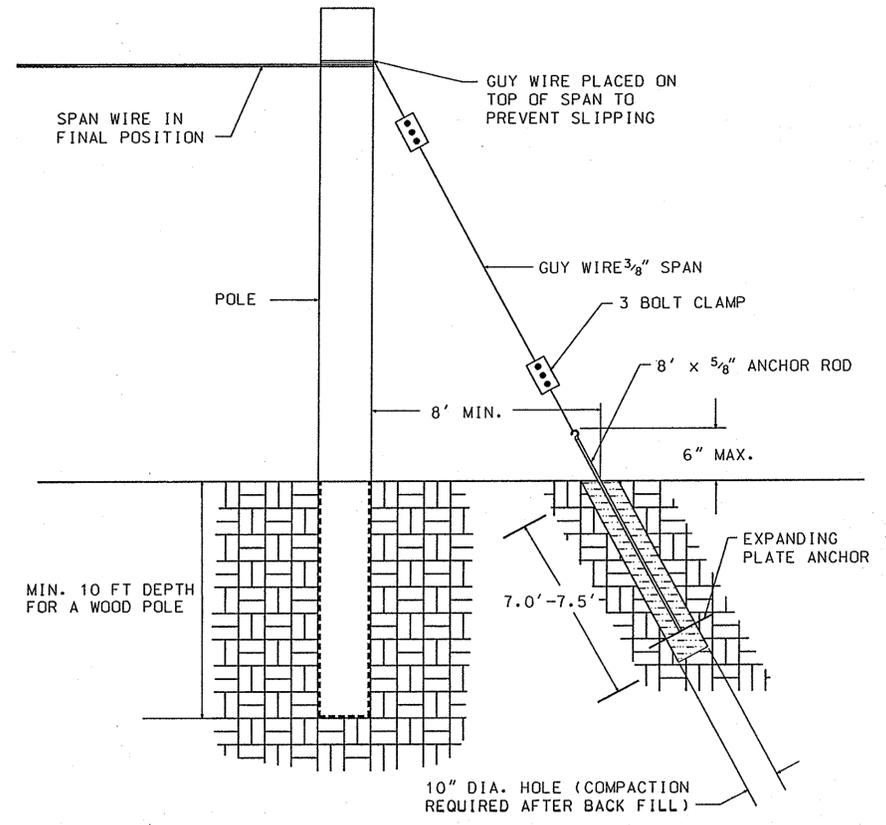
(NOTE: DZ=DETECTION ZONE)

**NEMA PHASING**



**PHASING NOTES:**  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

**BACK GUY TYPICAL AND ANCHOR DETAIL**



M.O.T. PHASE I

SG-3

**RUMMEL, KLEPPER & KAHL, LLP**  
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81 MOSHER STREET  
BALTIMORE, MARYLAND 21217

REVISIONS		APPROVALS	
①	MOT PHASE I - RECONSTRUCTION DUE TO GEOMETRIC IMPROVEMENTS HO-3065TH 5-29-03		
②	REPLACE CONTROLLER & CABINET, ADD PHONE DROP 7-6-98		
③	UPGRADE TO FULLY ACTUATED SIGNAL HO-663-501-785 10-13-83		
JC	SR		
④	ASBUILT AW 339-504-088 9-14-83		

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
MD 216 AND LEISHEAR ROAD  
TEMPORARY SIGNAL PLAN

DESIGNED BY: SHA	F.A.P. NO.	TS NO.
CHECKED BY: SHA	S.H.A. NO. AW114AS9/B59	TS-1570D
SCALE: 1"=20'	COUNTY: HOWARD	T.I.M.S. NO.
DATE:	LOG MILE: 13021602.68	F-513

SHEET NO. 4 OF 35