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

EXISTING SIGNS TO BE RELOCATED

7

R10-12
(36"x42")

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (FUTURE 70 FT. MAST ARM) WITH 20 FT. LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL (NOTE: ONE 3" PVC SCHEDULE 80 CONDUIT BEND). INSTALL VIDEO DETECTION CAMERA 'A' ON THE 20 FT. LIGHTING ARM. LEISHEAR STA. 50+75 42' RT.
B. REMOVE EXISTING WOOD POLE AND ALL ASSOCIATED EQUIPMENT.
C. REMOVE EXISTING PAVEMENT MARKINGS.
D. INSTALL HANDHOLE.
E. USE EXISTING HANDHOLE
F. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED.
G. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
H. USE EXISTING CONDUIT
I. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
J. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT. STORE 12" 3-SECTION HEADS FOR USE IN FINAL SIGNAL.
K. REMOVE OVERHEAD POWER SEVICE AND REPLACE WITH UNDERGROUND SERVICE BY BG&E.
L. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED. STUB OUT CONDUIT BEND AT BASE OF THE POWER POLE AND PROVIDE 1/4" PULLSTRING.
M. INSTALL 3/8" STEEL SPAN WIRE WITH 1/4" TETHER SPAN WIRE AND SIGNAL HEADS TO STEEL POLES.
N. REMOVE AND RELOCATE EXISTING SIGN TO PROPOSED SPAN WIRE.
O. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (FUTURE 60 FT. MAST ARM). 20 FT. LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL. AND BACKGUY AND ANCHOR ASSEMBLIES. (NOTE: TWO 3" PVC SCHEDULE 80 CONDUIT BENDS). LEISHEAR STA. 52+23 58' RT.
P. REMOVE BACKGUY AND ANCHOR ASSEMBLIES.
Q. INSTALL BACKGUY AND ANCHOR ASSEMBLIES.
R. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED FOR PHONE DROP.
S. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED.
T. RE-AIM EXISTING VIDEO DETECTION CAMERA 'B'.
U. RELCOATE EXISTING VIDEO DETECTION CAMERA 'D' TO 20' LIGHTING ARM ON SIGNAL POLE AT LEISHEAR STA. 52+24 58' LT. FOR USE IN FINAL SIGNAL.
V. PROPOSED VIDEO DETECTION ZONE.

GENERAL NOTES

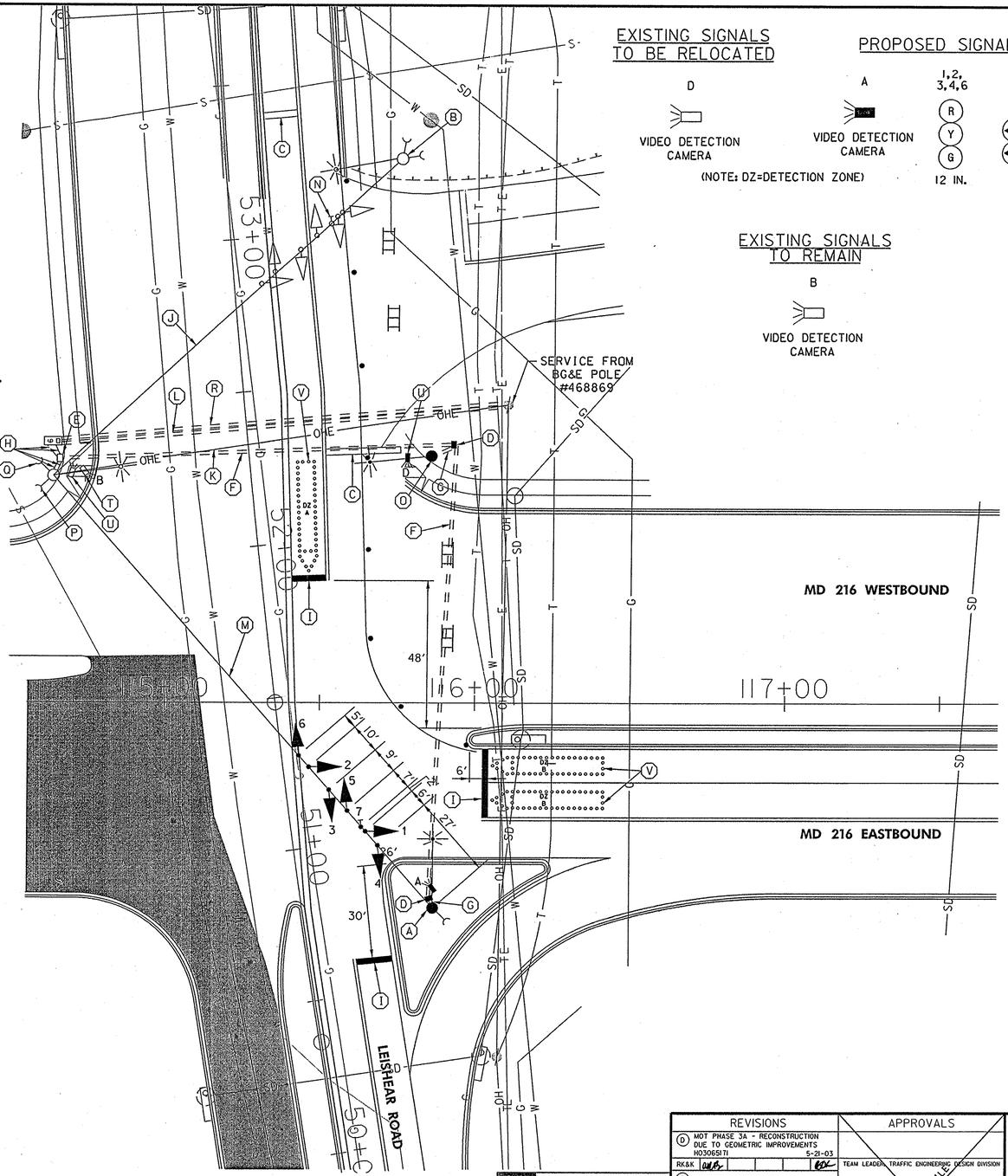
1. FOR PROPOSED PAVEMENT MARKINGS OTHER THEN THOSE DETAILED ON THIS PLAN REFER TO THE M.O.T PLANS IN THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THIS PROPOSED M.O.T PLAN SHALL BE REMOVED PRIOR TO INSTALLATION OF PROPOSED MARKINGS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED IN THIS PHASE SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR.
3. REFER TO MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY SIGNING.

MAINTENANCE OF TRAFFIC LEGEND

- PERMANENT FULL DEPTH PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY WEDGE
- TEMPORARY CONCRETE TRAFFIC BARRIER
- TEMPORARY CRASH CUSHION
- TEMPORARY TRAFFIC DRUMS

UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- OH — OH — AERIAL CABLES
- T — T — TELEPHONE CABLES



EXISTING SIGNALS TO BE RELOCATED

D

VIDEO DETECTION CAMERA

PROPOSED SIGNALS

A

VIDEO DETECTION CAMERA

1,2, 3,4,6

12 IN.

5

12 IN.

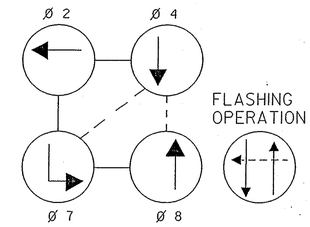
(NOTE: DZ=DETECTION ZONE)

EXISTING SIGNALS TO REMAIN

B

VIDEO DETECTION CAMERA

NEMA PHASING



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

MAINTENANCE OF TRAFFIC LEGEND

- PERMANENT FULL DEPTH PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY WEDGE
- TEMPORARY CONCRETE TRAFFIC BARRIER
- CRASH CUSHION (35 mph DESIGN SPEED)
- BARRELS

UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- OH — OH — AERIAL CABLES
- T — T — TELEPHONE CABLES

M.O.T. PHASE 3B

SG-9

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

REVISIONS	APPROVALS
(D) MOT PHASE 3A - RECONSTRUCTION DUE TO GEOMETRIC IMPROVEMENTS H0306517 5-21-03	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
RK&K (C) REPLACE CONTROLLER & CABINET, ADD PHONE DROP 7-6-98	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DCI LSC (B) UPGRADE TO FULLY ACTUATED SIGNAL H0-663-501-785 10-13-83	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
JC SR (A) ASBUILT AW 339-504-088 9-14-83	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINATION FILM

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. TS-1570D	SHEET NO.
CHECKED BY: SHA	S.H.A. NO. AW114AS9/B59		
SCALE: 1"=20'	COUNTY: HOWARD	T.I.M.S. NO. F-513	10 OF 35
DATE:	LOG MILE: 13021602.68		