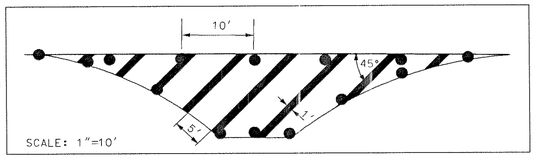
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET		

NOTE: MD 100 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

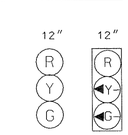
INSET A



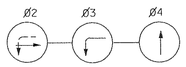
SCALE: 1"=10'

PROPOSED SIGN

PROPOSED SIGNALS

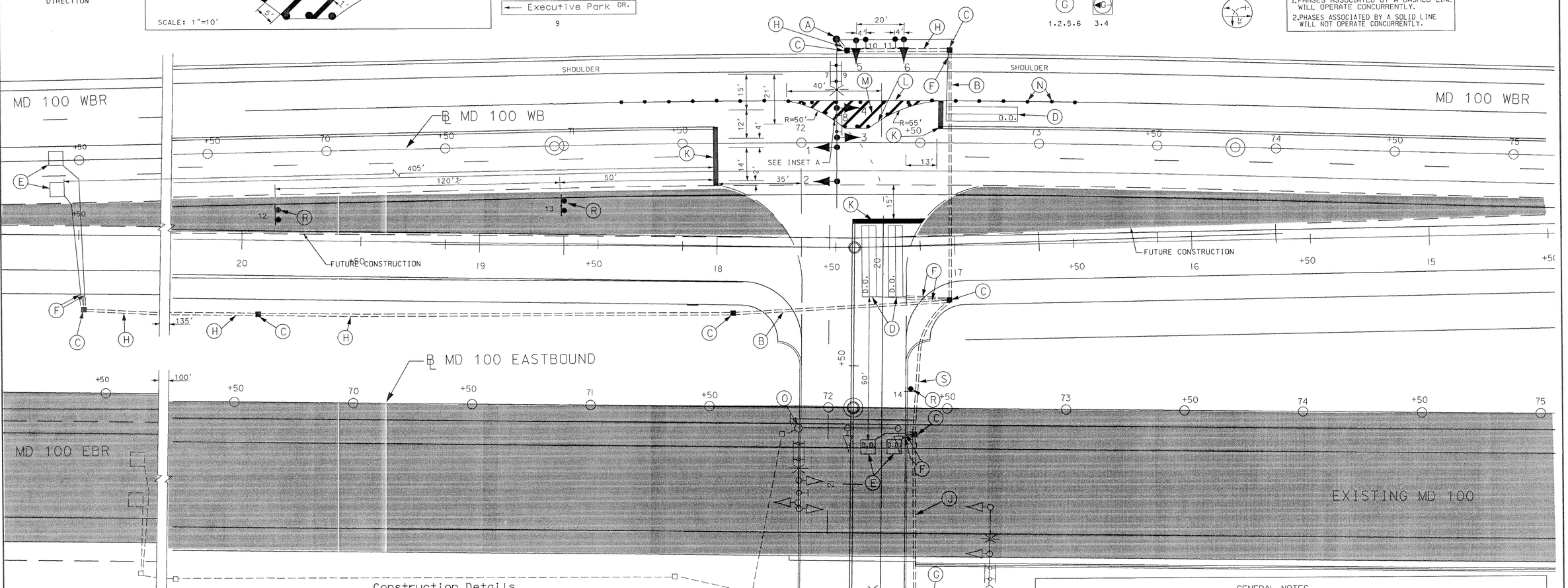


NEMA PHASING



FLASHING OPERATION

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



Construction Details

A. Install 27 ft. steel pole with twin 70 ft. / 50 ft. mast arms, signals heads, signs, and a 20 ft. lighting arm with a 250 watt HPS lamp and luminaire at sta. 72+15, left 44' (Note: one - 2 in. PVC schedule 40 conduit bend and four - 2 in. x 90 in. anchor bolts).

B. Install 3 in. PVC schedule 80 electrical conduit - trenched prior to the installation of roadway base course.

C. Install handhole.

D. Install 6 ft. x 30 ft. quadruple loop detector (3-6-3 turns) encased in flexible tubing.

E. Install 6 ft. x 6 ft. loop detector (4-turns) encased in flexible tubing.

F. Install 1 in. liquid tight flexible, non-metallic conduit for detector wire sleeve.

G. Use existing conduit.

H. Install 2 in. PVC schedule 40 electrical conduit - trenched.

J. Install 3 in. PVC schedule 80 electrical conduit - slotted.

K. Install 24 in. white preformed pavement marking tape.

L. Install 6 in. white preformed pavement marking tape.

M. Install 12 in. white preformed pavement marking tape.

N. Install plastic flex post as per MD-SHA standard No. 665.02

O. Remove existing mast arm pole, foundation, signal heads, and signs.

P. Install cables into existing controller and cabinet and tag and label each electrical cable.

Q. Use existing handhole.

R. Install ground mounted sign.

S. Install 3 in. PVC schedule 40 electrical conduit - trenched

GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE SIGNAL CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
2. 'D.O.' INDICATES DELAY OUTPUT LOOP DETECTOR.
3. CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
4. THE LOOP DETECTORS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, LOOP DETECTORS AND CONDUITS SHALL BE ABONDONED UNLESS OTHERWISE NOTED ON THE PLANS.
6. REFER TO M.O.T. PLANS FOR ADDITIONAL ROADWAY PAVEMENT MARKINGS AND SIGNING.
7. [9] ALL TEMPORARY TRAFFIC SIGNAL EQUIPMENT UTILIZED IN THIS PHASE ~~IS TO~~ SHALL BE REMOVED UPON THE COMPLETION OF PHASE IV.

MOT LEGEND

● ● ● CHANNELIZING DEVICES

BASE WIDENING

UTILITY LEGEND

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

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

SIG-3 | TEMPORARY SIGNAL #2 PHASE IV-B

REVISIONS	APPROVALS
[9] REDLINE NO. 9	ASST. DIV. CHIEF, SIGNAL DESIGN SECTION
DMP-DCI (A) RECONSTRUCT TRAFFIC SIGNAL 10/96 DUE TO GEOMETRIC IMPROVEMENTS	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

ORIGINAL ON FILE

DCI CONSULTING ENGINEERS COLUMBIA, MARYLAND

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

ORIGINAL DRAWN BY: J. ALLEN / B. KENT
DES. BY: W.J. CARLSON
CHK. BY: Bruce Thompson 11-7-96

MD 100 AT EXECUTIVE PARK DRIVE

LOG MILE | COUNTY: HOWARD

DATE: 10/96 | F.A.P. NO. SEE TITLE SHEET
SCALE: 1"=20' | S.H.A. NO. HO-661-502-770

TS/FILE NO. TS 3415-A | SHEET NO. 414 OF ___

FILENAME=P:\PROJECTS\BALTIMORE\JOHNSTON\PHASE4\SIGNAL\MAIN.DGN