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

MD 924 IS ASSUMED TO RUN IN A EAST/WEST DIRECTION

EXISTING SIGNALS

8" R Y G — 1-6

8" — 7-10,12-15

PROPOSED SIGNALS

9" — 11,16

EXISTING SIGNS

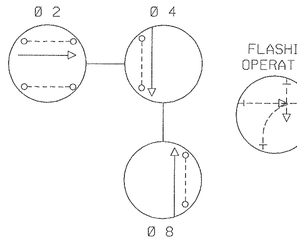
D3-2 (16"XVAR) PENNSYLVANIA AVE. — 16

R3-2 (30"x30") — 17

D3-2 (16"XVAR) BOND ST. — 18,19

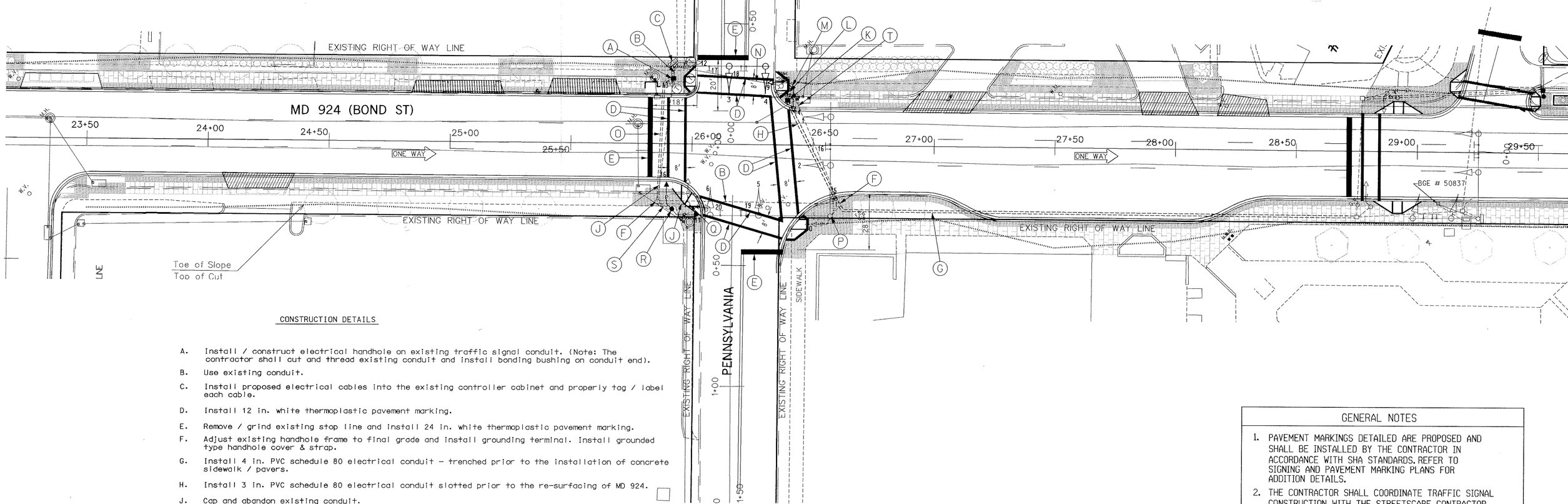
R3-1 (30"x30") — 20

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. Install / construct electrical handhole on existing traffic signal conduit. (Note: The contractor shall cut and thread existing conduit and install bonding bushing on conduit end).

B. Use existing conduit.

C. Install proposed electrical cables into the existing controller cabinet and properly tag / label each cable.

D. Install 12 in. white thermoplastic pavement marking.

E. Remove / grind existing stop line and install 24 in. white thermoplastic pavement marking.

F. Adjust existing handhole frame to final grade and install grounding terminal. Install grounded type handhole cover & strap.

G. Install 4 in. PVC schedule 80 electrical conduit - trenched prior to the installation of concrete sidewalk / pavers.

H. Install 3 in. PVC schedule 80 electrical conduit slotted prior to the re-surfacing of MD 924.

J. Cap and abandon existing conduit.

K. Install electrical handhole. (Note: Install grounding terminal and bonding bushing on conduit end).

L. Install 2 in. galvanized steel electrical conduit from threaded conduit bend in pole foundation to the proposed handhole. (Note: conduit shall be trenched prior to the installation of concrete sidewalk / pavers. (see detail is "K,M,T")

M. Re-wire existing pedestrian signal heads (Note: use existing conduit bend in pole foundation. Refer to detail T).

N. Existing electrical power service to be maintained by BG&E.

O. Install 3 in. PVC schedule 80 electrical conduit slotted prior to the re-surfacing of MD 924. (Note: Contractor shall avoid the telephone vault.)

P. Rewire traffic signals heads.

Q. Remove pedestal foundation pole and signal heads.

R. Install 10 ft. breakway pedestal pole and signal heads at sta. 25+92; right 27 ft. (Note: One - 2 in. PVC schedule 80 conduit bend and four 1 in. x 40 in. anchor bolts. Install ground rod in pole base.)

S. Install 2 in. PVC schedule 80 electrical conduit - trenched prior to installation of pavers.

T. Cap & abandon existing conduit (Note: prior to abandoning conduit, the contractor shall cut and thread the existing conduit end at pole foundation in the northeast corner of the intersection. Refer to details K, L & M).

GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITION DETAILS.
2. THE CONTRACTOR SHALL COORDINATE TRAFFIC SIGNAL CONSTRUCTION WITH THE STREETSCAPE CONTRACTOR.
3. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

UTILITY LEGEND

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

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

REVISIONS

1. REPLACE INTERCONNECT AS PART OF STREETSCAPE PROJECT — 12/97

DMP DCI 12/30/97 GKS

DCI CONSULTING ENGINEERS COLUMBIA, MARYLAND

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATI

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 924 (BOND STREET) @ PENNSYLVANIA AVE.

LOGMILE #: 12092405.69

DATE ___/

DRAWN BY:	H. KILIAN	F.A.P. NO.	STPG-000S(494)E	PLAN SHEET NO.:	SHEET N
CHECK BY:	DBJ	S.H.A. NO.	AW-104-501-585	1476 N	___ OF
SCALE:	1"=20'	COUNTY	HARFORD		

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