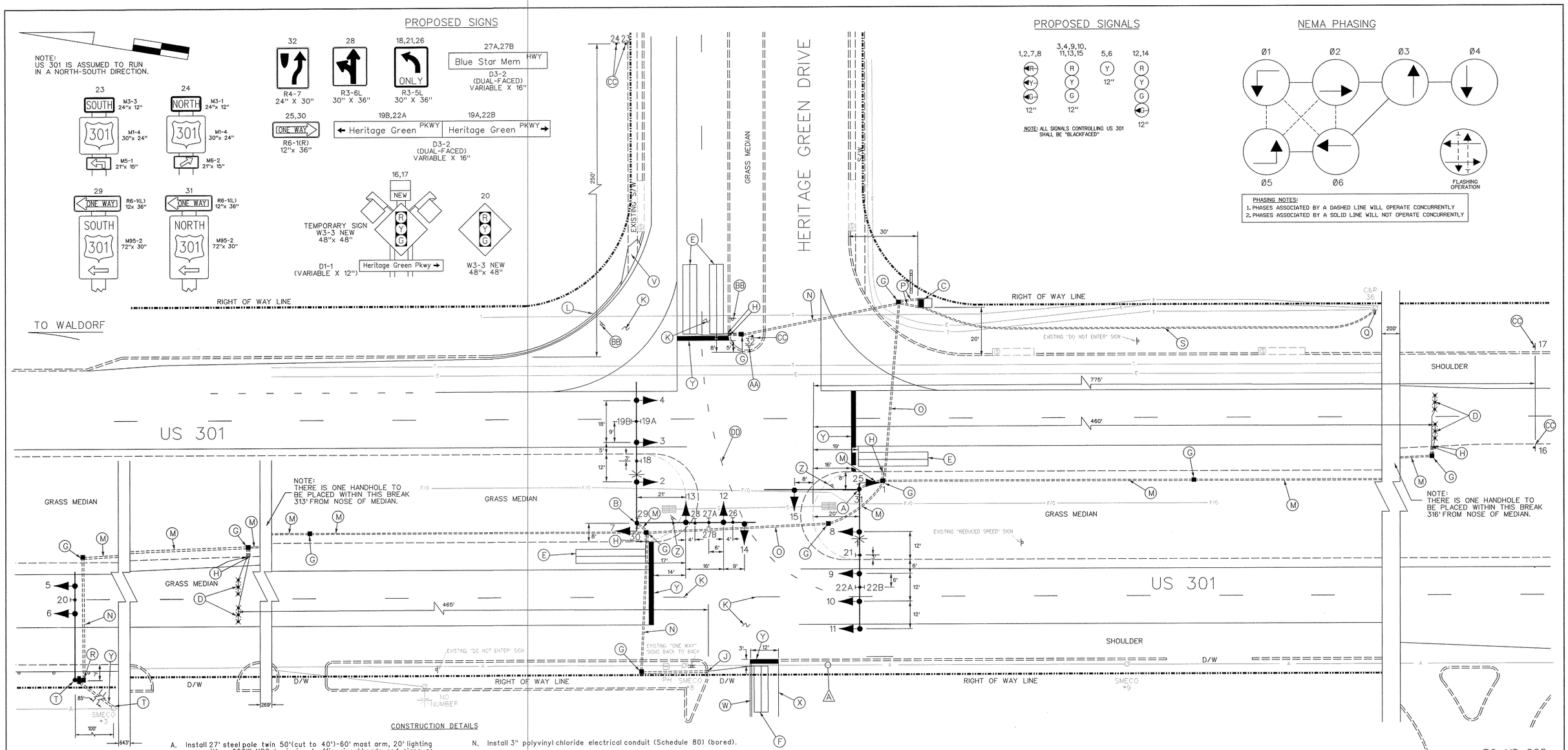

CONSTRUCTION DETAILS

A. Install 27' steel pole twin 50'(cut to 40')-60' mast arm, 20' lighting arm with a 250W-HPS luminaire, traffic signal heads and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with twin 50'-60' mast arms, 20' lighting arm with a 250W-HPS luminaire, traffic signal heads and signs, as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend, 1-3", 90° polyvinyl chloride (Schedule 80) bend and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)

D. Install micro-probe set with 1000' lead-in.

E. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

F. Install 6' x 20' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

G. Install handhole.

H. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

J. Install 1" galvanized steel electrical conduit (Schedule 80) (trenched).

K. Remove existing pavement marking.

L. Install curb and gutter (70' R) beginning at the storm drain structure on Heritage Green Parkway and tieing into the existing curb and gutter along US 301. Remove existing curb and gutter.

M. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

N. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

O. Install 4" polyvinyl chloride electrical conduit (Scheudle 80) (bored).

P. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched)..

Q Install 3" polyvinyl chloride electrical conduit (Schedule 80) bend at pole base for elecrical service.

R. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) into pole base and install proposed handhole.

S. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service.

T. Install proposed 27' steel pole with 70' mast arm (cut to 45'), "G" size cabinet, traffic signal heads and signs as shown. (Note: 1-3" polyvinyl chloride (Schedule 80) bend.

V. Install proposed handicapped ramp.

W. Install 20' lenght of 5" width double yellow centerline as shown.

X. Install 20' length of 5" width white edgeline as shown.

Y. Install 24" white stopline as shown.

Z. Remove existing ground mounted sign. (Yield, One-Way).

AA. Remove existing ground mounted sign. (Street name).

BB. Remove existing ground mounted sign. (Stop).

CC. Install ground mounted sign as shown.

DD. Install puppy tracks (3' stripe, 9' space) as shown.

OVERHEAD UTILITY WIRE HEIGHTS

BA 20'-5"
BA 23'-1"

(A)

GENERAL NOTES:

1. SEE GENERAL INFORMATION SHEET FOR PROPOSED PAVEMENT MARKING DETAILS IN THE NORTHEAST QUADRANT OF THE INTERSECTION.
2. SEE SHEET 2 OF 3 FOR THE ROUTE OF INTERCONNECT CABLE SOUTH TO MD 225.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

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REVISIONS

APPROVALS

ASST. CHIEF TEDD SECTION 8/30/99
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 8/30/99
DIRECTOR, TRAFFIC & SAFETY 8/30/99

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 301 AND HERITAGE GREEN PARKWAY

DRAWN BY: S.R.BARANOWSKI	COUNTY: CHARLES	TS NO. 3926	SHEET NO.
CHECK BY: R.R.ZACHERL	LOG MILE: 08030116.16		
DATE: 8-27-99	F.A.P. NO.	T.I.M.S. NO. D-220	1 OF 4
SCALE: 1"= 20'	S.H.A. NO. CH634A51/B51		