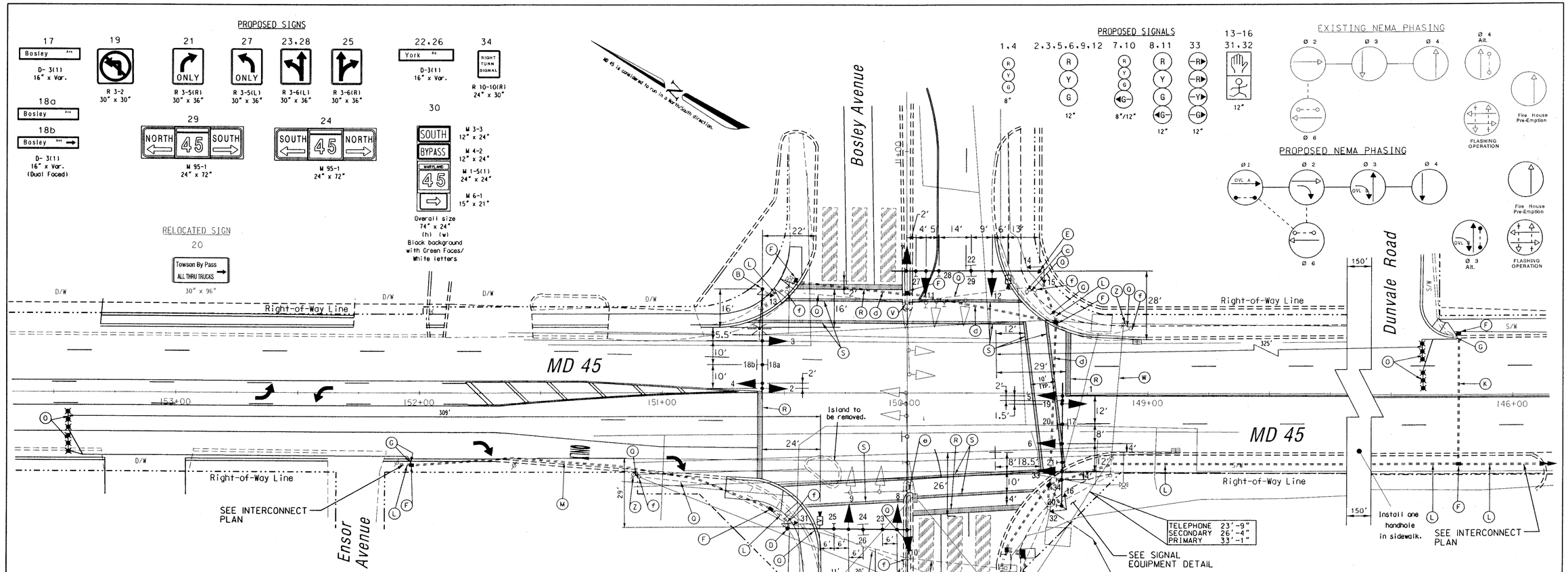
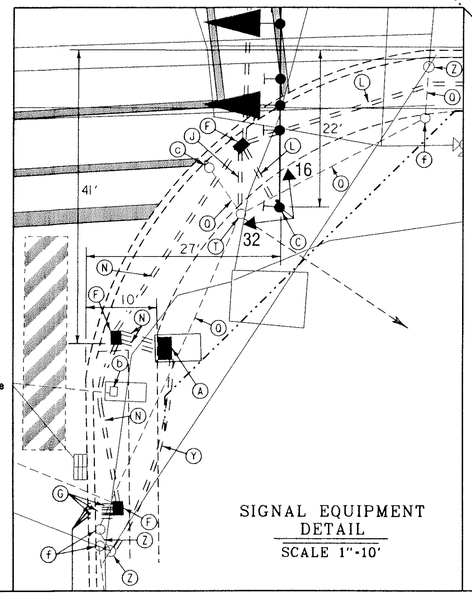


CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet (use existing controller), and necessary equipment for an underground electrical (MD-SHA Type B-6) service.
B. Install 27 ft. steel mast arm pole with a 45 ft. [cut from a 50 ft.] mast arm, vehicle signal heads, signs, pedestrian signal head, 15 ft. luminaire arm and 250 watt HPS luminaire on existing foundation.
C. Install 21 ft. steel mast arm pole with a 40 ft. [cut from a 50 ft.] mast arm, vehicle signal heads, signs, pedestrian signal heads, pedestrian pushbuttons, and pedestrian pushbutton signs (Note: one 3 in. PVC conduit bend).
D. Install 21 ft. steel mast arm pole with a 50 ft. mast arm, vehicle signal heads, signs, pedestrian signal head, video detection camera - mounted on mast arm, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 3 in. PVC conduit bend).
E. Install 21 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, signs, pedestrian signal heads, video detection camera - mounted on mast arm, pedestrian pushbutton, and pedestrian pushbutton sign on existing foundation.
F. Install handhole.
G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
J. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched. Conduit shall be installed as sidewalk is re-constructed.
M. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
N. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
O. Install microloop probe.
P. Use existing conduit.
Q. Cap and abandon existing conduit.
R. Install 24 in. wide pavement marking - white for stop line.
S. Install 12 in. wide pavement marking - white for crosswalk.
T. Use existing splice box. Disconnect existing Baltimore County interconnect cable and re-feed in new conduit to new base mounted cabinet. The contractor shall contact Mr. Bill O'Neil from Baltimore County at (410) 887-7718 prior to disconnecting interconnect cable.
U. Use existing I/C cable.
V. Remove existing steel mast arm pole and all attached equipment.
W. Remove existing loop detector wire and I/C cable.
Y. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - for underground electrical service by BGE.
Z. Remove existing PVC riser.
a. Remove existing I/C cable.
b. Remove existing base mounted cabinet and electrical service pedestal.
c. Remove existing pedestal pole.
d. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
e. Remove existing steel mast arm pole and all attached equipment. Relocate sign as shown.
f. Remove existing handhole.



SIGNAL EQUIPMENT DETAIL
SCALE 1"=10'

GEOMETRIC LEGEND
EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
D — STORM DRAIN
A — AERIAL CABLES
T — TELEPHONE CABLES

REVISIONS	APPROVALS
A REDLINE REVISION No. 2 CONTRACT NO. BA3305183 3/2002	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)
MD 45 (York Road) at Bosley Avenue

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. 3982 A	SHEET NO. 21 OF 44
CHECKED BY:	S.H.A. NO. BA3305183	T.I.M.S. NO.	
SCALE: 1" = 20'	COUNTY: Baltimore		
DATE: January 5, 2000	LOG MILE: 03045002.55		

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