

## CONSTRUCTION NOTES:

- INSTALL NEMA SIZE "6" BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT.  
(NOTE: 2 - 2 IN. SCH. 80 AND 2 - 4 IN. SCH. 40, 90 DEGREE PVC BENDS).
- INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, POLE MOUNTED PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN, POLE MOUNTED SIGNS AND A 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE AS SHOWN. (NOTE: 1 - 2 IN. SCH. 80, 90 DEGREE PVC BENDS). [USE FOUR 2" IN. X 90 IN. ANCHOR BOLTS]
- INSTALL 27 FT. STEEL POLE WITH A 40 FT. MAST ARM, TRAFFIC SIGNAL HEADS AND SIGNS AS SHOWN.  
(NOTE: 1 - 2 IN. SCH. 80, 90 DEGREE PVC BENDS) [USE FOUR 1 3/4" IN. X 90 IN. ANCHOR BOLTS]
- INSTALL 27 FT. STEEL POLE WITH A 40 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGN, POLE MOUNTED SIGNS AND A 10 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE AS SHOWN. (NOTE: 1 - 2 IN. SCH. 80, 90 DEGREE PVC BENDS). [USE FOUR 1 3/4" IN. X 90 IN. ANCHOR BOLTS]
- INSTALL HANDHOLE.
- INSTALL 6 FT. X 30 FT. QUADRUPOLE-TYPE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
- INSTALL MICRO-LOOP PROBE TYPE VEHICLE DETECTOR.
- INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE.
- INSTALL 4 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED. (SEE NOTE 1)
- INSTALL 2 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED. (SEE NOTE 1)
- INSTALL 27 FT. STEEL POLE WITH 40 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, POLE MOUNTED PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN AS SHOWN. (NOTE: 1 - 2 IN. SCH. 80, 90 DEGREE PVC BENDS). [USE FOUR 1 3/4" IN. X 90 IN. ANCHOR BOLTS]
- NOT USED
- NOT USED
- INSTALL 24 IN. THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- INSTALL W3-3 (SIGNAL AHEAD) SIGN ASSEMBLY ON TWO 4 IN. X 6 IN. TREATED WOOD POSTS 625 FT. IN ADVANCE OF THE STOP LINE.
- INSTALL 6 FT. X 15 FT. QUADRUPOLE-TYPE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
- INSTALL 6 FT. X 6 FT. LOOP DETECTOR (4 TURNS) ENCASED IN FLEXIBLE TUBING.
- INSTALL 12 IN. THERMOPLASTIC WHITE PAVEMENT MARKING FOR CROSS WALK LINE.

## GENERAL NOTES:

- THE CONDUIT TO BE INSTALLED ACROSS THE PROPOSED ROADWAY SHALL BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION.
- DETECTORS SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
- THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
- ALL POLE AND CABINET FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
- FOR PAVEMENT MARKINGS NOT DETAILED SEE PAVEMENT MARKING PLAN SN-2.J.

MD 80 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

NOTE: ONE HANDHOLE LOCATED IN THE GAP

15A, 15B, 18A, 18B

Fingerboard Rd.

D3-2  
VAR. X 16"

NOTE: FOR SIGNS 21 AND 22 THE STREET NAME IS TO READ "MD 80".

Q OF RAMP.  
TYPICAL DIMENSIONS  
FOR CROSSWALK PLACEMENT

FOR CROSSWALK DETAILS  
SEE PLAN SHEET SN-2.I

CONDUIT FOR FUTURE  
INTERCONNECT.  
SEE PLAN SHEETS  
TS-3799-XI TO X3

LEGEND OF UNDERGROUND  
AND OVERHEAD UTILITIES

AERIAL CABLES	—
ELECTRICAL	—
TELEPHONE	—
GAS	—
SEWER	—
WATER	—
CABLE TV	—

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

MD 80 (FINGERBOARD ROAD) AT I-270 NB RAMPS

LOG MILE NO. 10008005.06 DATE 03/31/98

DRAWN BY: MAB	F.A.P. NO. NONE	PLAN SHEET NO. TS-3779	SHEET NO. 72 OF 95
CHECK BY: JDM	S.H.A. NO. NONE	COUNTY FREDERICK	
SCALE: 1"=20'			

REVISIONS	APPROVALS
[A] JUNE, 1999 PROVIDE NB RIGHT OVERLAP. REMOVE MD 80 CROSSWALK HATCH	ORIGINAL ASST. DIVISION CHIEF, TEDD
[B] AUGUST, 2000 PROVIDE EB LEFT TURN MODIFY NB LEFT GEOMETRICS	NOTED ASST. DISTRICT ENGINEER, TRAFFIC
	ON
	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

PARK & RIDE LOT

THE WILSON T. BALLARD CO.  
CONSULTING ENGINEERS  
OWINGS MILLS, MARYLAND

FILE NO. ss01md80.DGN