

INTERSECTION OPERATION

The intersection of MD 158 (Bethlehem Boulevard) at Ramp B (EB 1-695 off ramp to MD 158) will operate in a NEMA flashing operation mode with eastbound and westbound MD 158 (Bethlehem Boulevard) approaches operating with the right of way (flashing yellow signal heads). Ramp B will yield to Bethlehem Boulevard (flashing red signal heads).

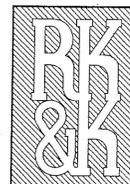
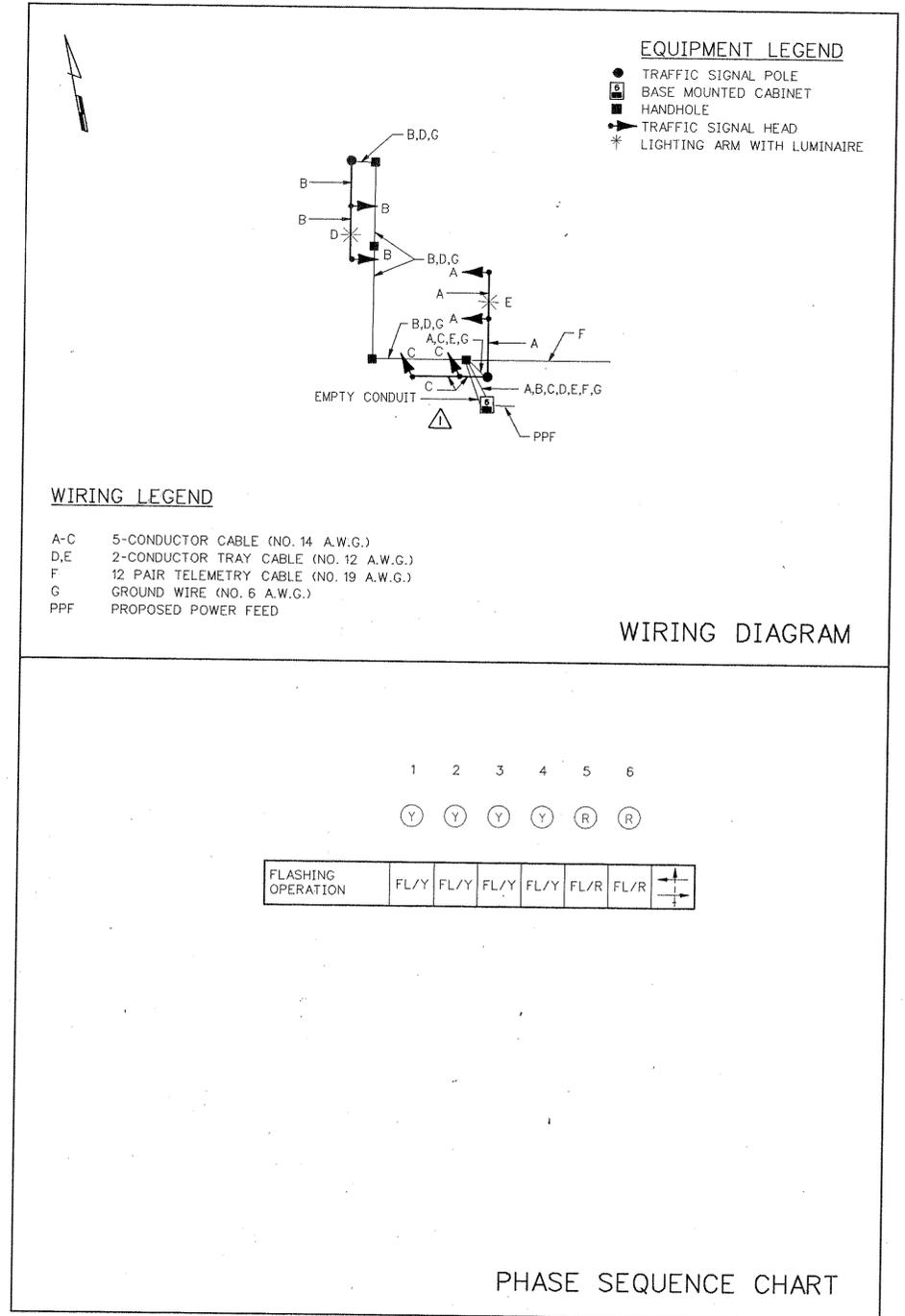
Eight phase (fully-actuated) traffic signal controller and system ready base-mounted cabinet will be installed.

CONSTRUCTION DETAILS

- A. Install 27' steel pole with twin 32' and 30' mast arms with traffic signal heads, 20' lighting arm, and luminaire as shown (NOTE: 2-3" PVC 90 degree angle conduit bends).
- B. Install 27' steel pole with single 30' mast arm with traffic signal heads and signs, 20' lighting arm, and luminaire as shown (NOTE: 2-3" PVC 90 degree angle conduit bend).
- C. Install traffic signal controller with control and distribution equipment (see drawing B-2) in base-mounted, system-ready cabinet. (NOTE: 1-2" PVC 90 degree angle (schedule 80) conduit bend and 2-4" PVC 90 degree angle conduit bends).
- D. Install handhole.
- E. Install 3" schedule 40 electrical conduit-trenched/buried.
- F. Install 3" schedule 80 electrical conduit-trenched/buried.
- G. Install 2-4" schedule 40 electrical conduit-trenched/buried.
- H. Install 24" solid white stop line.

GENERAL NOTES

- 1. Geometrics shall be confirmed prior to the installation of signal equipment.
- 2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
- 3. All utilities are shown in their approximate location and are not to be considered as complete. The Contractor shall be responsible for contacting Miss Utility to verify the location of all utilities. The Contractor shall contact The project Engineer prior to construction if there may be potential conflicts.
- 4. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the highway contract.
- 5. All luminaires have to be full cut off.
- 6. "D.O." indicates delay output loop detector.



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REVISIONS:	APPROVALS:
ADDENDUM NO.1 4-24-95	
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY

SS-05

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 030158

MD 158 (BETHLEHEM BOULEVARD)
@ RAMP B
GENERAL INFORMATION
COUNTY: BALTIMORE

DRAWN BY: ZAJ
DES. BY: ZAJ
CHK. BY: Steve Ben 3/23/95

DATE: MARCH, 1995 F.A.P. NO. _____
SCALE: 1"=20' S.H.A. NO. KB-421-500-006 TS-3502GI-1 377 OF 447

TS/STD. NO.: _____