MD 146 IS ASSUMED TO RUN IN
A NORTH-SOUTH DIRECTION

PROJECT DESCRIPTION

GENERAL

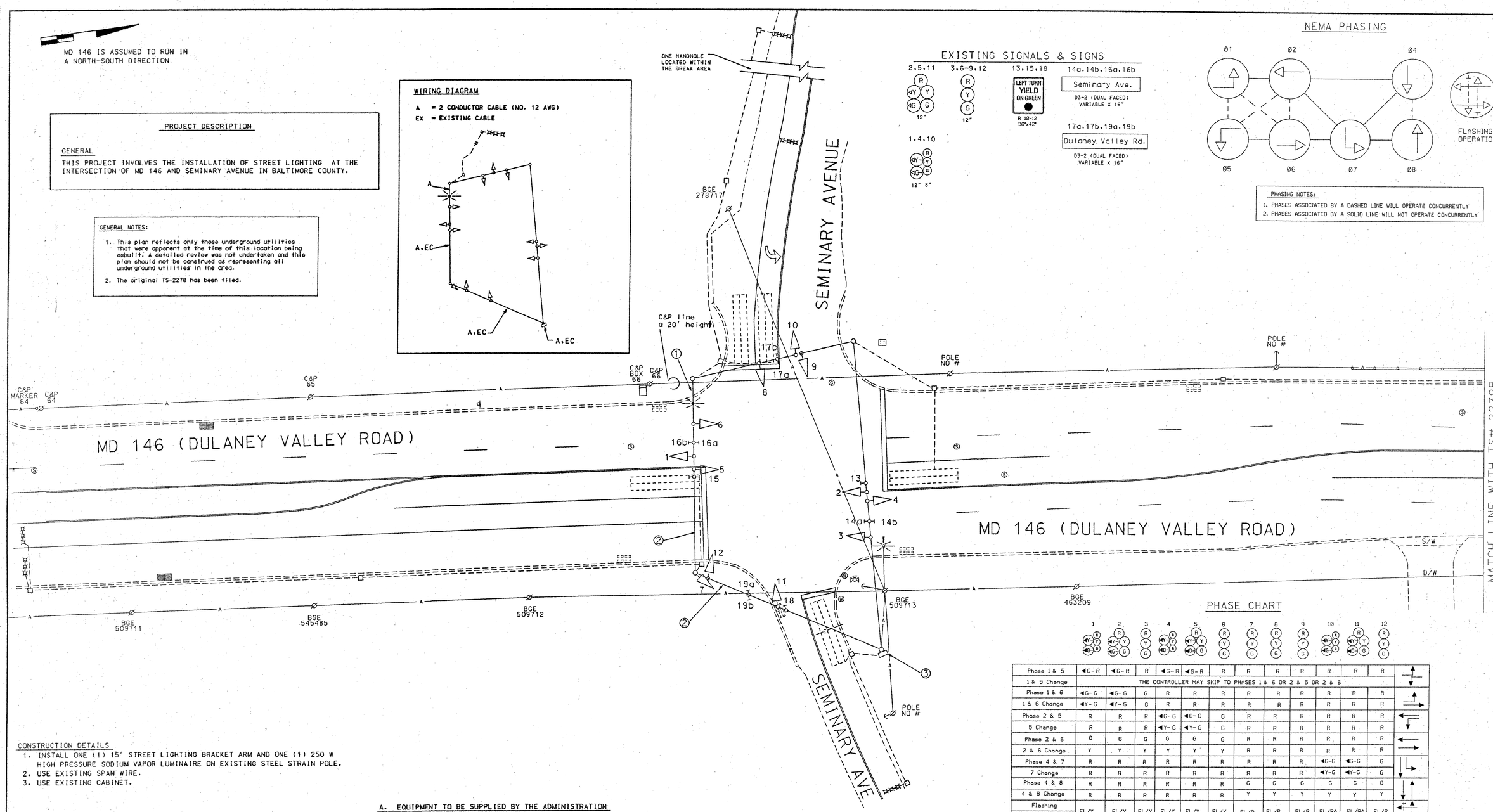
THIS PROJECT INVOLVES THE INSTALLATION OF STREET LIGHTING AT THE INTERSECTION OF MD 146 AND SEMINARY AVENUE IN BALTIMORE COUNTY.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. The original TS-2278 has been filed.

WIRING DIAGRAM

A = 2 CONDUCTOR CABLE (NO. 12 AWG)
EX = EXISTING CABLE



EXISTING SIGNALS & SIGNS

NEMA PHASING

PHASING NOTES:

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

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
Phase 1 & 5	◀G-R	◀G-R	R	◀G-R	◀G-R	R	R	R	R	R	R	R
1 & 5 Change	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6											
Phase 1 & 6	◀G-G	◀G-G	G	R	R	R	R	R	R	R	R	R
1 & 6 Change	◀Y-G	◀Y-G	G	R	R	R	R	R	R	R	R	R
Phase 2 & 5	R	R	R	◀G-G	◀G-G	G	R	R	R	R	R	R
5 Change	R	R	R	◀Y-G	◀Y-G	G	R	R	R	R	R	R
Phase 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
Phase 4 & 7	R	R	R	R	R	R	R	R	R	◀G-G	◀G-G	G
7 Change	R	R	R	R	R	R	R	R	R	◀Y-G	◀Y-G	G
Phase 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 Change	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/RA	FL/RA	FL/R

CONSTRUCTION DETAILS

1. INSTALL ONE (1) 15' STREET LIGHTING BRACKET ARM AND ONE (1) 250 W HIGH PRESSURE SODIUM VAPOR LUMINAIRE ON EXISTING STEEL STRAIN POLE.
2. USE EXISTING SPAN WIRE.
3. USE EXISTING CABINET.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8055	1	EA	FURNISH & INSTALL 250 WATT HPS LUMINAIRE WITH PHOTOCELL
8056	1	EA	FURNISH & INSTALL 15' LIGHTING BRACKET ARM
8059	240	LF	FURNISH & INSTALL ELECTRICAL CABLE 2-CONDUCTOR (NO. 12 AWG) TRAY CABLE

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISIONS

10-15-01
ADD & LUMINAIRE & LIGHTING BRACKET ARM TO THE SIGNAL POLE.
SHA NO.: AW 208M
GLYNIS DJD DAZ BK TH

REV. THE REVISION 8-21-99
ADD ADDITIONAL HANDBOXES & CONDUIT ON E/B SEMINARY AVE.
SHA NO.: XX1005485
GLYNIS DJD DAZ BK TH

D 6-23-99
ADD EXCLUSIVE/PERMISSIVE LEFT TURN TO E/B SEMINARY AVE.
SHA NO.: XX1005485
GLYNIS DJD DAZ BK TH

C 2-21-97
ASBUILT
SHA NO.: AW 103-501-485
RRZ

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 146 (DULANEY VALLEY RD) AND SEMINARY AVENUE
TOWSON, MARYLAND

DRAWN BY: C.K.D.	F.A.P. NO.	TS NO. 2278F	SHEET NO.
CHECKED BY:	S.H.A. NO. 2385T250805	T.I.M.S. NO. E849	1 OF 1
SCALE: 1" = 20'	COUNTY: BALTIMORE		
DATE: 8-2-78	LOG MILE:		