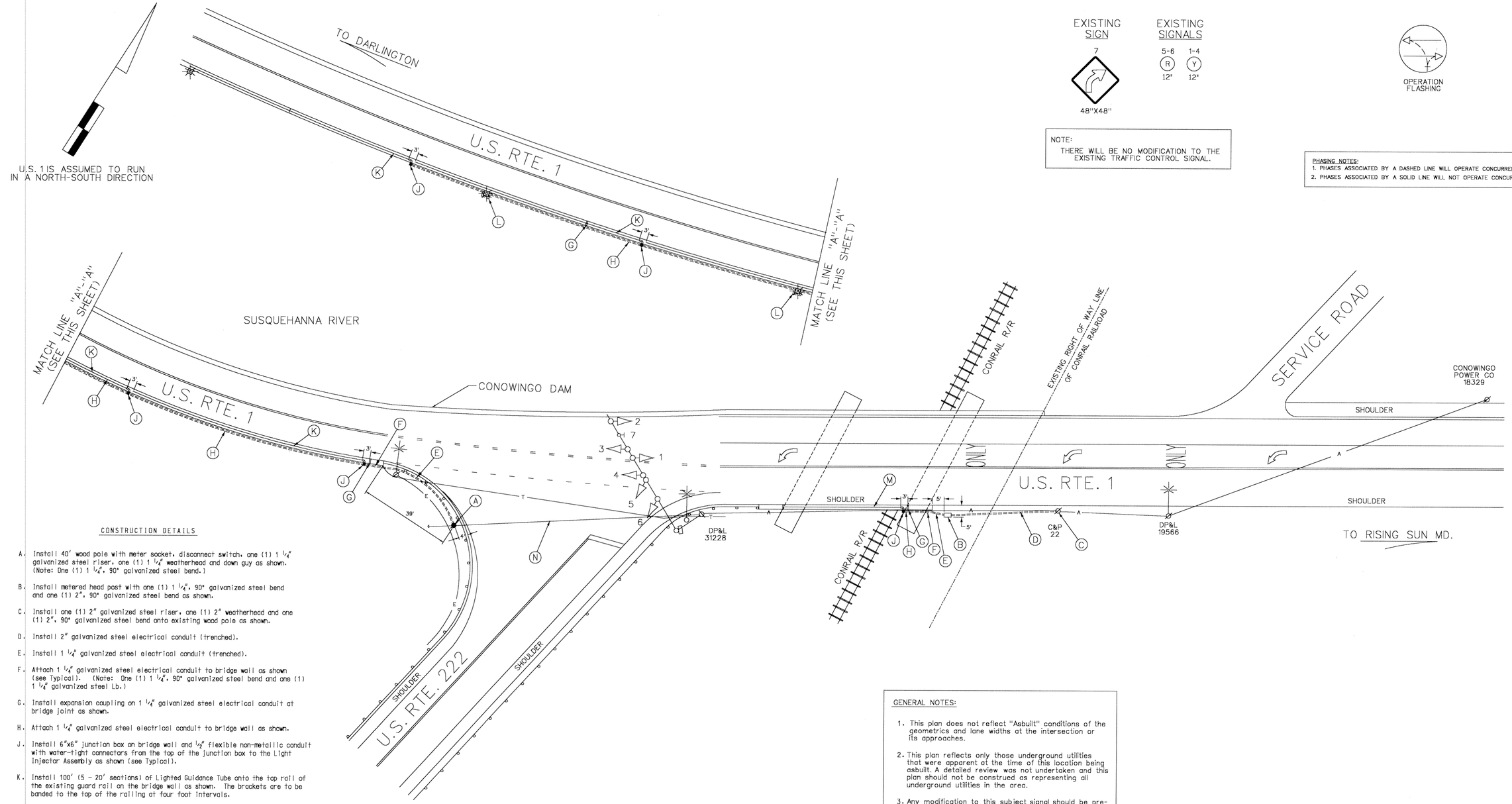

EXISTING SIGN

7

48"X48"

EXISTING SIGNALS

5-6 R 12"

1-4 Y 12"

OPERATION FLASHING

NOTE:
THERE WILL BE NO MODIFICATION TO THE EXISTING TRAFFIC CONTROL SIGNAL.

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

CONSTRUCTION DETAILS

A. Install 40' wood pole with meter socket, disconnect switch, one (1) 1 1/4" galvanized steel riser, one (1) 1 1/4" weatherhead and down guy as shown. (Note: One (1) 1 1/4", 90° galvanized steel bend.)

B. Install metered head post with one (1) 1 1/4", 90° galvanized steel bend and one (1) 2", 90° galvanized steel bend as shown.

C. Install one (1) 2" galvanized steel riser, one (1) 2" weatherhead and one (1) 2", 90° galvanized steel bend onto existing wood pole as shown.

D. Install 2" galvanized steel electrical conduit (trenched).

E. Install 1 1/4" galvanized steel electrical conduit (trenched).

F. Attach 1 1/4" galvanized steel electrical conduit to bridge wall as shown (see Typical). (Note: One (1) 1 1/4", 90° galvanized steel bend and one (1) 1 1/4" galvanized steel Lb.)

G. Install expansion coupling on 1 1/4" galvanized steel electrical conduit at bridge joint as shown.

H. Attach 1 1/4" galvanized steel electrical conduit to bridge wall as shown.

J. Install 6"x6" junction box on bridge wall and 1/2" flexible non-metallic conduit with water-tight connectors from the top of the junction box to the Light Injector Assembly as shown (see Typical).

K. Install 100' (5 - 20' sections) of Lighted Guidance Tube onto the top rail of the existing guard rail on the bridge wall as shown. The brackets are to be banded to the top of the railing at four foot intervals.

L. Install one (1) 1 1/4" Lb's and conduit around concrete bases for lighting structures as shown.

M. Install 50' (2 1/2 - 20' sections) of Lighted Guidance Tube onto the top fence rail on the railroad bridge using 1 1/4" conduit clamps at four foot intervals.

N. Proposed overhead electrical service to be installed by Del Marva Power Company as shown.

GENERAL NOTES:

1. This plan does not reflect "Asbuilt" conditions of the geometrics and lane widths at the intersection or its approaches.
2. 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.
3. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

UTILITY LEGEND

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

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TASK12.DGN

REVISIONS

(A) 7-16-98 INSTALL LIGHTED GUIDANCE TUBE

SHA NO.:

RRZ

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

US 1 AND CONOWINGO DAM / MD 222

DRAWN BY: S.R.	COUNTY: HARFORD/ CECIL	TS NO. 1762A	SHEET NO. 1 OF 2
CHECK BY: D. ZAFIRIS	LOG MILE: 07000100.45		
DATE: 3-5-80	F.A.P. NO.	T.I.M.S. NO. C-745	
SCALE: 1" = 20'	S.H.A. NO. AW277A5Q		