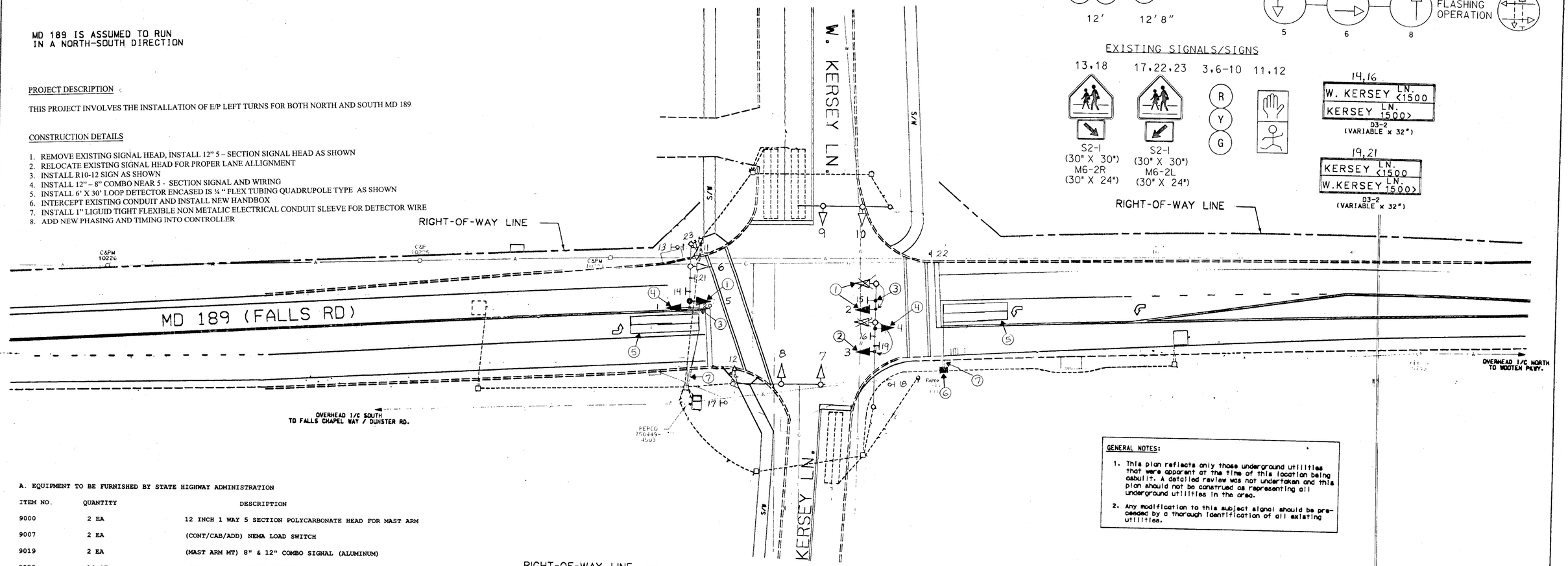
MD 189 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF E/P LEFT TURNS FOR BOTH NORTH AND SOUTH MD 189

CONSTRUCTION DETAILS

1. REMOVE EXISTING SIGNAL HEAD, INSTALL 12" 5 – SECTION SIGNAL HEAD AS SHOWN
2. RELOCATE EXISTING SIGNAL HEAD FOR PROPER LANE ALLIGNMENT
3. INSTALL R10-12 SIGN AS SHOWN
4. INSTALL 12" – 8" COMBO NEAR 5 - SECTION SIGNAL AND WIRING
5. INSTALL 6' X 30' LOOP DETECTOR ENCASED IS ¼ " FLEX TUBING QUADRUPOLE TYPE AS SHOWN
6. INTERCEPT EXISTING CONDUIT AND INSTALL NEW HANDBOX
7. INSTALL 1" LIGUID TIGHT FLEXIBLE NON METALIC ELECTRICAL CONDUIT SLEEVE FOR DETECTOR WIRE
8. ADD NEW PHASING AND TIMING INTO CONTROLLER



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. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9000	2 EA	12 INCH 1 WAY 5 SECTION POLYCARBONATE HEAD FOR MAST ARM
9007	2 EA	(CONT/CAB/ADD) NEMA LOAD SWITCH
9019	2 EA	(MAST ARM MT) 8" & 12" COMBO SIGNAL (ALUMINUM)
9089	14 SF	FLAT SHEET ALUM SIGN-YELLOW, ORANGE, & SILVER (SF)

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8011	4 EA	INSTALL SIGNAL HEAD (ANY TYPE)
8033	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8040	926 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8041	250 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8045	350 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO 14 AWG)
8054	2 SF	INSTALL OVERHEAD SIGN
8102	2 EA	FURNISH AND INSTALL SPLICE KIT

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

REVISION "B" ASBUILT

STREET TRAFFIC STUDIES, LTD.®
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
Ph (410) 859-3553
Fax (410) 859-3579

3484A

REVISIONS

REV	DATE	DESCRIPTION	BY	CK
C		ADD E/P LEFT TURNS ON NORTH + SOUTH MD 189 J.A.H. 11-99		
B	2-4-99	ASBUILT SHA NO M05715176		
A	JULY 1996	SHA NO M05715176		

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

MD 189 (FALLS RD) AND KERSEY LANE

DRAWN BY: W.J. NIES	COUNTY: MONTGOMERY	TS NO. TS-3166B.C.	SHEET NO. 1 OF 1
CHECK BY: R.R.ZACHERL	LOG MILE: 15018906.24		
DATE: D. DODA	F.A.P. NO.	T.I.M.S. NO.	
SCALE: 6-20-91	S.H.A. NO.		

FEB 05 1996

36