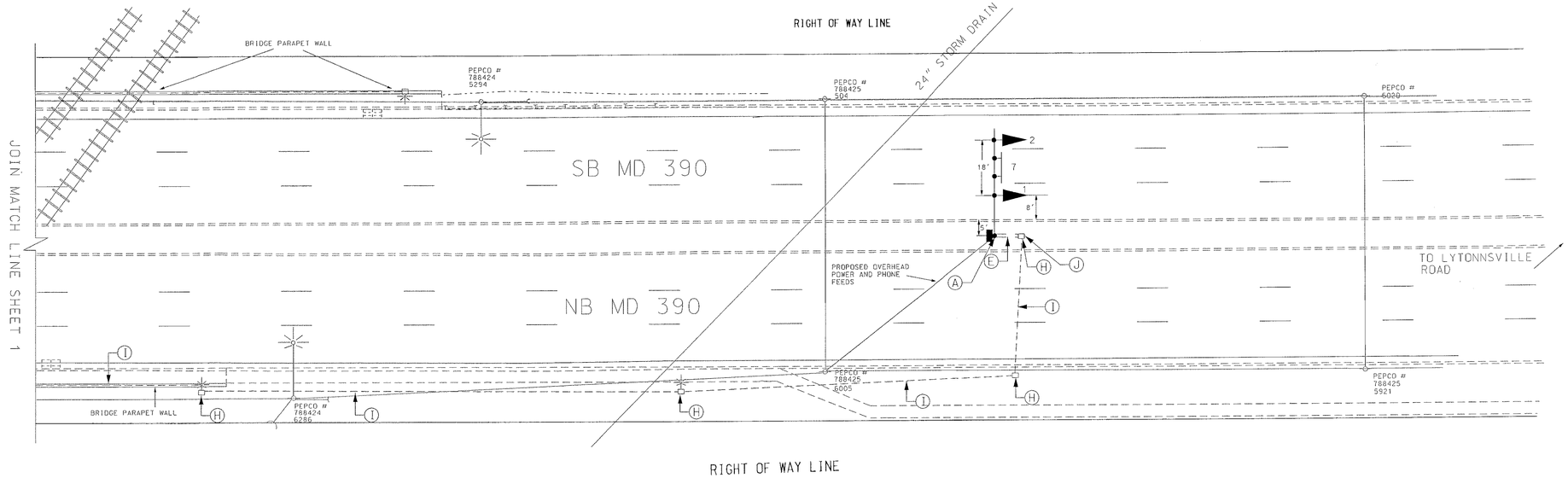
MD 390 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A PUSHBUTTON ACTIVATED PEDESTRIAN HIB FOR SB MD 390 AND THE ASSOCIATED SIGNING FOR A PEDESTRIAN CROSSING AT THE SUBURBAN TOWER APARTMENTS.



CONSTRUCTION DETAILS

A. INSTALL 21' STEEL POLE WITH 35' MAST ARM (60 SERIES), TYPE "G" FLASHER CABINET, WITH 1 3" CONDUIT BEND IN POLE BASE, 3" WEATHERHEAD AND 1" GALVANIZED RISER. INSTALL CONTROL AND DISTRIBUTION EQUIPMENT ON POLE. SIGNAL HEADS AND SIGN ON MAST ARM.
B. INSTALL 14' PEDESTAL POLE ON BREAKAWAY T-BASE (1 2" CONDUIT BEND) IN BASE, PUSHBUTTON AND SIGN, AND PEDESTAL POLE MOUNTED SIGNS.
C. INSTALL 10' PEDESTAL POLE (CUT TO 4') WITH PUSHBUTTON AND SIGN
D. INSTALL GROUND MOUNTED SIGN ON 4X6 WOOD POST
E. INSTALL 3" SCH 80 RIGID PVC CONDUIT-TRENCHED
F. INSTALL 2" SCH 80 RIGID PVC CONDUIT-TRENCHED
G. INSTALL 2" SCH 80 RIGID PVC CONDUIT-SLOTTED
H. USE EXISTING HANDBOX
I. USE EXISTING CONDUIT
J. INSTALL GROUND ROD IN EXISTING HANDBOX
K. INSTALL HANDBOX AND GROUND ROD

PROJECT CONTACTS

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MR. ROBERT SNYDER
ASST. CHIEF-TOD
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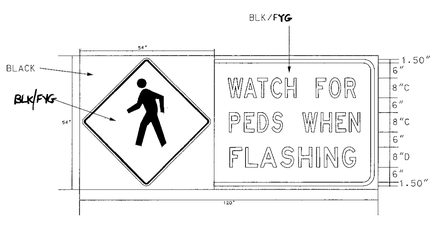
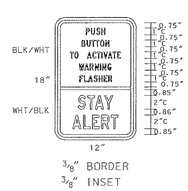
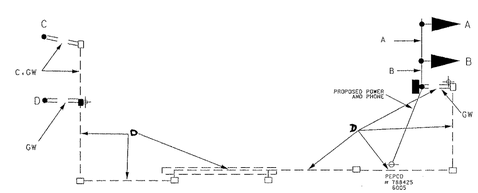
SIGNAL HEAD	
1	2
FL YEL	FL YEL





3/8" BORDER
3/8" INSET

WIRING DIAGRAM



A.B 3-CONDUCTOR NO 14AWG
C.D 2-CONDUCTOR NO 14AWG
GW #6 BARE COPPER STRANDED GROUND WIRE
GROUND ROD

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

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
1 EA	"G" CABINET AND FLASHER
2 EA	PUSHBUTTON AND SIGN
115 SF	SHEET ALUMINUM SIGN AS SHOWN

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

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	2 EA	MAINTENANCE OF TRAFFIC
2002	2 CY	TEST PIT EXCAVATION
8006	1 EA	CUT, CLEAN AND GALVANIZE TRAFFIC SIGNAL STRUCTURE
8011	2 EA	FURNISH AND INSTALL 12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8020	1 EA	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT(30 AMP DISCONNECT)
8023	1 EA	FURNISH AND INSTALL 21' MAST ARM POLE AND 60' MAST ARM (CUT TO 35')
8030	2 EA	FURNISH AND INSTALL PEDESTAL POLE ANY SIZE
8032	2 EA	INSTALL PUSHBUTTON AND SIGN
8051	10 LF	FURNISH AND INSTALL 3" SCH 8 RIGID PVC ELECTRICAL CONDUIT-TRENCHED
8059	6 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8061	90 LF	FURNISH AND INSTALL 4X6 WOOD SUPPORTS
8062	100 LF	FURNISH AND INSTALL #6 BARE COPPER STRANDED GROUND WIRE
8063	15 LF	FURNISH AND INSTALL 1" GALVANIZED CONDUIT RISER(FOR PHONE SERVICE)
8067	20 LF	FURNISH AND INSTALL 2" SCH 80 RIGID PVC ELECTRICAL CONDUIT-SLOTTED
8073	60 LF	FURNISH AND INSTALL 1-CONDUCTOR NO 8 AWG ELECTRICAL
8074	1 EA	FURNISH AND INSTALL ELECTRICAL HANDBOX
8076	57 SF	INSTALL GROUND MOUNTED SIGN
8077	58 SF	INSTALL OVERHEAD SIGN
8082	2 EA	FURNISH AND INSTALL GROUND ROD 3/4" X 10' LENGTH
8084	900 LF	FURNISH AND INSTALL 2- CONDUCTOR NO 14 AWG ELECTRICAL CABLE
8085	60 LF	FURNISH AND INSTALL 3-CONDUCTOR NO14AWG ELECTRICAL CABLE
8093	10 LF	FURNISH AND INSTALL 2" SCH 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED
8094	1 EA	INSTALL POLE MOUNTED CABINET AND CONTROLLER

C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

NONE

REVISIONS	APPROVALS
	Mikey Rucker 8-13-01 — TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	8/13/01 — 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 390 @ SUBURBAN TOWER APTS.
PEDESTRIAN HIB TRAFFIC SIGNAL PLAN

DRAWN BY:	C. STRAIN	F.A.P. NO.	AC-STPG-0005-684(E)	TS NO. 4130	SHEET NO.
CHECKED BY:	M. RUCKER	S.H.A. NO.	M0689A&B/B&F		
SCALE:	1:20	COUNTY:	MONTGOMERY	T.I.M.S. NO. E549	2 OF 2
DATE:	JULY 15, 2001	LOG MILE:	15.039000.55		

30