PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES REPLACING VEHICULAR SIGNAL HEADS AND PAINTING THE EXISTING TRAFFIC SIGNAL STRUCTURE (INTERSECTION CONTROL BEACON) AT MD 445 AND SHARP STREET IN KENT COUNTY. DRAINAGE AND SIDEWALK IMPROVEMENTS ARE PROPOSED. MD 445 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN FLASH MODE.

CONTROLLER REQUIREMENTS

THE EXISTING CONTROLLER WILL REMAIN.

THE CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

Mr. Robert Klei
Assistant District Engineer - Traffic
Phone: 410-810-3240

Mr. Barry Clothier
District Utility Engineer
Phone: 410-810-3275

Mr. Terry Wright
Assistant District Engineer - Maintenance
Phone: 410-810-3250

Mr. Jeff Amoriello
Assistant District Engineer - Construction
Phone: 410-810-3270

Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

The Power Company Representative is:
Conectiv Power Company
Mr. Eugene Messick
P.O. Box 159
Centerville, Maryland 21617
Phone: 410-758-4101

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

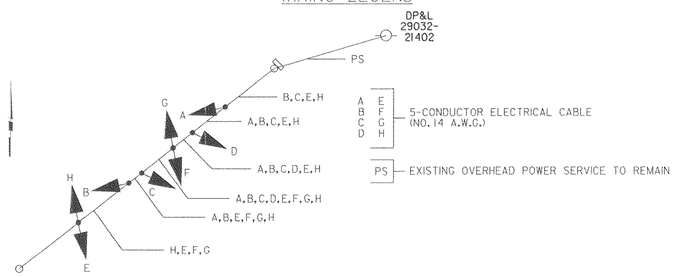
QUANTITY	CATEGORY CODE	DESCRIPTION
34 SF	900000	SHEET ALUMINUM SIGNS:
		1 EACH - ASSOCIATED SHIELD ASSEMBLY "NORTH, MD 445, LEFT ARROW" 24 IN. X 51 IN. POLE MOUNT
		1 EACH - ASSOCIATED SHIELD ASSEMBLY "NORTH, MD 445, RIGHT ARROW" 24 IN. X 51 IN. POLE MOUNT
		1 EACH - ASSOCIATED SHIELD ASSEMBLY "SOUTH MD 445, LEFT ARROW" 24 IN. X 51 IN. POLE MOUNT
		1 EACH - ASSOCIATED SHIELD ASSEMBLY "SOUTH, MD 445, RIGHT ARROW" 24 IN. X 51 IN. POLE MOUNT

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

QUANTITY	CATEGORY CODE	DESCRIPTION
260 LF	585620	FURNISH AND INSTALL 12 IN. WHITE HEAT APPLIED THERMOPLASTIC PERMANENT PREFORMED PAVEMENT MARKING (FOR CROSSWALK)
20 LF	585624	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PERMANENT PREFORMED PAVEMENT MARKING (FOR STOP LINE)
34 SF	813015	INSTALL OVERHEAD SIGN
8 EA	860272	FURNISH AND INSTALL 12 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION
500 LF	861107	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
2 EA	867202	CLEAN AND PAINT EXISTING STRAIN POLE
1 LS	800000	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT

WIRING LEGEND



PHASE CHART

	1	2	3	4	5	6	7	8	
	Y	Y	Y	Y	R	R	R	R	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	

SP-4

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

GENERAL INFORMATION

STV Incorporated
engineers/architects/planners/scientists/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

DRAWN BY: B. BIDDLE	F.A.P. NO. SEE TITLE SHEET	TS NO. 1663-A	SHEET NO. 40 OF 71
CHECKED BY: M. STORCK	S.H.A. NO. KE-4325184		
SCALE: NONE	COUNTY: KENT	T.I.M.S. NO. X-XXX	
DATE: FEBRUARY 2002	LOG MILE: XXXXXXXX.XX		

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