

F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

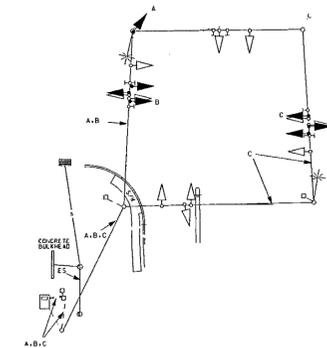
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION TO THE EXISTING TRAFFIC CONTROL SIGNAL AT MD 26 @ OKLAHOMA ROAD/RIDGE ROAD IN CARROLL COUNTY.

THE WORK INVOLVES CONVERTING THE LEFT-TURN PHASING ON EASTBOUND AND WESTBOUND MD 26 TO EXCLUSIVE ONLY. ADDITIONAL LEFT-TURN STORAGE ON MD 26 BY RE-STRIPING A PORTION OF THE EXISTING TWO-WAY CENTER LEFT TURN LANE WILL ALSO BE PROVIDED.

MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

NEMA PHASING



A-B-C 5-conductor electrical cable, No. 14 AWG
ES - Existing service to be utilized.

EQUIPMENT LISTS

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
	71.26 SF	SHEET ALUMINUM
		ASSOCIATED SHIELD ASSEMBLY, MD 26, RIGHT ARROW" (30"x51") POLE MOUNTED WITH HARDWARE
		ASSOCIATED SHIELD ASSEMBLY "EAST, MD 26, LEFT ARROW" (48"x75") POLE MOUNTED WITH HARDWARE
		ASSOCIATED SHIELD ASSEMBLY "WEST, MD 26, RIGHT ARROW" (30"x51") POLE MOUNTED WITH HARDWARE
		ASSOCIATED SHIELD ASSEMBLY "EAST, MD 26, LEFT ARROW" (48"x75") POLE MOUNTED WITH HARDWARE

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5001	950 LF	REMOVAL OF PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH
5003	68 LF	5" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5004	800 LF	5" HEAT APPLIED YELLOW PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
8014	1 EACH	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT PER ASSIGNMENT
8036	15 LF	INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALIC FOR CONDUIT FOR DETECTOR SLEEVE
8048	71.26 SF	INSTALL OVERHEAD SIGN
8070	3 EACH	8" SIGNAL HEAD SECTION (BLACK-FACED)
8071	19 EACH	12" SIGNAL HEAD SECTION (BLACK-FACED)
8079	600 LF	5-CONDUCTOR ELECTRICAL CABLE, (NO. 14 AWG)
8082	500 LF	LOOP WIRE ENCASED IN 1/4" FLEXIBLE TUBING
8083	112 LF	SAWCUT

C. REMOVE AND DISCARD

CONSTRUCTION DETAILS

- INSTALL NEARSIDE (8" R.Y.G. 12"G ARROW) SIGNAL HEAD TO N/E STRAIN POLE AND ASSOCIATED WIRING AS SHOWN.
- REMOVE EXISTING ONE-WAY, FIVE-SECTION SIGNAL HEAD. REPLACE WITH REPLACE WITH ONE-WAY, THREE-SECTION (R.Y.G) SIGNAL HEAD EXISTING WIRING TO BE UTILIZED.
- INSTALL NEARSIDE 12" ONE-WAY, THREE SECTION (R ARROW, Y ARROW, G ARROW) EXCLUSIVE SIGNAL HEAD. EXISTING WIRING TO BE UTILIZED.
- INSTALL 12" ONE-WAY, THREE-SECTION (R ARROW, Y ARROW AND G ARROW) EXCLUSIVE SIGNAL HEAD AND ASSOCIATED WIRING.
- INSTALL 100' OF ADDITIONAL 5" WHITE PAVEMENT MARKING TAPE TO ADD ADDITIONAL STORAGE IN LEFT TURN BAY.
- USE EXISTING HANDHOLE.
- USE EXISTING SPAN WIRE.
- USE EXISTING CONDUIT.
- USE EXISTING STRAIN POLE.
- USE EXISTING CABINET AND UTILIZE EXISTING SERVICE.
- REMOVE EXISTING R10-12 SIGN.
- INSTALL ROUTE SHIELD ASSEMBLIES - POLE MOUNT.
- INSTALL 5" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS *Tie into existing where applicable)
- INSTALL 5" HEAT APPLIED YELLOW PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS *Tie into existing where applicable)
- INSTALL 5" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS (PUPPY TRACKS) AS SHOWN ON PLAN.
- REMOVE PAVEMENT MARKING TAPE AS SHOWN ON PLAN.

GEOMETRIC LEGEND

PROPOSED _____
EXISTING _____

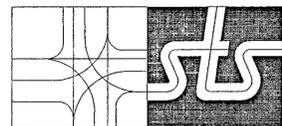
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE ---A--- A---
ELECTRIC ---E--- E---
TELEPHONE ---T--- T---
GAS ---G--- G---
SEWER ---S--- S---
WATER ---W--- W---
CABLE TV ---TV--- TV---

GENERAL NOTES:

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

REVISION "E" ASBUILT



STREET TRAFFIC STUDIES, LTD.

Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553

3076

REVISIONS

NO.	DATE	DESCRIPTION
1	8-4-03	Replace E/P left-turn w/Exclusive. Install nearside for S/B Oklahoma
2	9-26-96	ASBUILT
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APPROVALS

ASST. DIVISION CHIEF _____
ASST. DISTRICT ENGINEER, TRAFFIC _____
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION _____
DIRECTOR, OFFICE OF TRAFFIC AND SAFETY _____

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic and Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE:06002611.11

SIGNAL NUMBER:

DRAWN BY: J.R.H.

DES. BY: M.P.

CHK. BY:

MD 26 (LIBERTY RD) AND RIDGE RD / OKLAHOMA RD
(GENERAL INFORMATION)

COUNTY CARROLL

DATE:

F.A.P. NO.

TS/STD. NO.

SHEET NO.

SCALE: 1"=20'

S.H.A. NO.

1469 (F)

1 OF 2