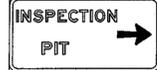


PROJECT DESCRIPTION
 THIS PROJECT INVOLVES THE INSTALLATION OF AN OVER HEIGHT VEHICLE WARNING AND DETECTION SYSTEM AT THE I-70 WEST FRIENDSHIP WEIGH STATION IN HOWARD COUNTY.



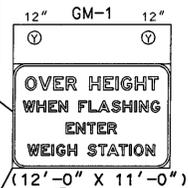
INSTALL ON TWO (2) - 4"X6" (15' EACH) BREAKAWAY WOOD SUPPORT

OVER HEIGHT VEHICLES WITHOUT HAULING PERMITS CALL 1-800-543-4964

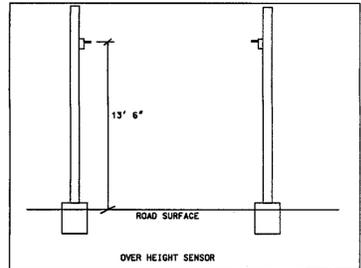
GM-4 (5'-6" X 2'-6")



INSTALL ON TWO (2)-W8X18 (19'-6", 20'-6") BREAKAWAY STEEL SIGN SUPPORT. EDGE OF SIGN 6'-0" FROM THE EDGE OF THE SHOULDER.



NOTE: FURNISH AND INSTALL THREE (3) HANDHOLES LOCATED WITHIN THE BREAK AREA

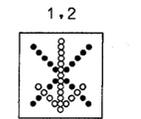


- GEOMETRIC LEGEND**
- EXISTING
 - PROPOSED
- UTILITY LEGEND**
- G - GAS MAIN
 - W - WATER MAIN
 - S - SEWER MAIN
 - E - ELECTRIC CABLES
 - A - AERIAL CABLES
 - T - TELEPHONE CABLES

PARKING LOT

MARYLAND SCALE HOUSE

PROPOSED LANE CONTROL HEADS



DUAL MESSAGE "RED X" "GREEN ARROW"

CONSTRUCTION DETAILS

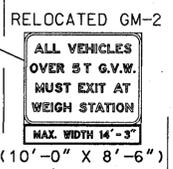
- FURNISH AND INSTALL 20' PEDESTAL POLE WITH BREAKAWAY BASE, VEHICLE HEIGHT DETECTOR, SOLAR PANEL AND 2" PVC CONDUIT BEND
- FURNISH AND INSTALL 2" PVC CONDUIT-TRENCHED.
- FURNISH AND INSTALL HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING MANHOLE.
- FURNISH AND INSTALL VEHICLE HEIGHT DETECTOR TO EXISTING SIGN UPRIGHT, FIELD DRILL 2" HOLE WITH WEATHERHEAD.
- FURNISH AND INSTALL 9" X 14" POLE MOUNTED TERMINAL CABINET ATTACHED TO EXTRUDED SIGN SUPPORT 36" ABOVE CONCRETE FOUNDATION (USE PVC CONDUIT FOR RISERS)
- FURNISH AND INSTALL FOUNDATION, EXTRUDED SIGN AND SUPPORTS WITH BREAKAWAY BASE.
- USE EXISTING CABINET. INSTALL 2 CIRCUIT FLASHER UNIT AND FLASHER PANEL.
- REMOVE AND DISPOSE OF EXISTING OVERHEAD LANE CONTROL SIGNAL HEADS AND INSTALL NEW HEADS IN SAME LOCATION, USE EXISTING WIRING.
- REMOVE AND DISPOSE OF EXISTING PEDESTAL POLE AND OVERHEIGHT DETECTOR
- FURNISH AND INSTALL 20' PEDESTAL POLE WITH BREAKAWAY BASE, VEHICLE HEIGHT DETECTOR, POLE MOUNTED "G" STYLE CABINET, SOLAR PANEL AND 2" PVC CONDUIT BEND.

MATCH LINE SEE THIS SHEET

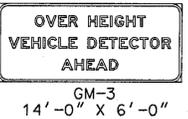
I-70 (WESTBOUND)

I-70 (EASTBOUND)

INSTALL ON TWO (2)-W6X12 (18'-0", 16'-9") NON-BREAKAWAY STEEL SIGN SUPPORT. EDGE OF SIGN 30' FROM EDGE OF TRAVELED ROADWAY.



INSTALL ON TWO (2)-W6X12 (15'-3", 11'-9") NON-BREAKAWAY STEEL SIGN SUPPORTS. EDGE OF SIGN 30' FROM THE EDGE OF TRAVELED ROADWAY.



I-70 (EASTBOUND)

PROJECT APPROVALS

SHEETS: 01 THRU 02	
A TOTAL OF 02 SHEETS	
APPROVALS	REVISIONS
<i>[Signature]</i> ASST. TRAFFIC ENGINEERING DESIGN DIVISION	
<i>[Signature]</i> ASST. DISTRICT ENGINEER, TRAFFIC	
<i>[Signature]</i> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
<i>[Signature]</i> DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

GENERAL NOTE:
 1. CONTRACTOR MUST VERIFY LOCATION OF ALL EXISTING AND PROPOSED UTILITIES PRIOR TO INSTALLATION OF EQUIPMENT

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 OVER HEIGHT VEHICLE DETECTOR PLAN
 I-70 (WESTBOUND) @ WEST FRIENDSHIP TRUCK WEIGH STATION

DRAWN BY: M. RAFFLE	F.A.P. NO.	T.I.M.S. NO. D-577	PLAN
CHECK BY: S. RENZI	S.H.A. NO.	X11025785	SHEET NO.
SCALE: 1" = 50'	COUNTY	HOWARD	1 OF 2

SABRA, WANG & ASSOCIATES, INC.
 1506 JOH AVENUE
 SUITE 100
 BALTIMORE, MD 21227
 (410) 737-8664

130070 09.25

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