## HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS








 . Pipe shal not be instaled by the contractor unil the lenot called for at horizontal datum: nad 27. vertical datum: ngvo 88. mean sea level datum 1929.
 - ALL PiPE ELEVATI ONS SHOWN ARE INVERT ElLVVations.
10. prof lle stat ons shall be aduusted as neessary to conform to plan dimens ons.

LEEOISLATION.

LOCATION MAP
DORSEY RUN ROAD (SOUTH LINK)
ROAD REALIGNMENT
CAPITAL PROJECT J-4110 PHASE 1
ROADWAY CLASSIFICATION : MAJOR COLLECTOR
DESIGN SPEED $=40 \mathrm{MPH}$






















EXIST. A-IO INLET


I-30 TO EXISTING MH-5


END DETAIL

|-30 то l-3|

## Pipe Profile-DRRS





1-29 то $1-28$


MH-3 TO EW-4


1-32 TO EX-MH-5

MODIFIED A-IO INLET

$$
\frac{\text { DETAIL OF } \mathrm{MH}-3}{\text { scole: N.T.s. }}
$$




nt venture $\underset{\text { Pex } 100}{ }$ 5




## GENERAL CONSTRUCTION NOTE

All lane closures and maintenance of traficic operations shall be performed in accordance with the Manual on Uniform Traftic Control Devices (MUTCO) 1. AIl aneo E Edition, and Mandland State Highway Admministation Standards.

- It is the responsibility of the Contractor to supply, install, and mantain all traficic control devices for the duration of the contrac.

The contract lump sum picie for maintenance of traficic will be full compensation for all work necessary to maintain trafici, including relocating, turning,


4. The Contractor shall be required to a ahere to these plans for maintarining traffic during roadway construction. Any deviaition from these plans shar be
subbitted by the Contractoro for apporoval

6. Access to al side streets and businesses shal be provided a tall times. Maintain two-lane two-way traficio on existing private roadways, driveways and access roads at all times.
7 Variable message sign(s) and arow pane(s) shall be used as directed by the Engineer.
. Storage of construction equipment shall be directed by the Engineer, and shall not impede trafici flow or access to any residential or business properties.
9. The Contractor shall be responsible to check and maintain adequate sight distances for venicular and pedestrian traficic when installing temporaly
signs and other maintanence of traficic tems throughout the construction area.
10. In Iocaions where drums are employed tangential to road construction, the Contractor shall use Standard No. MD-104.92

## STAGE I SEQUENCE OF CONSTRUCTION

Instalal al necessaray temporary signs, pavementit makkings and trafic control devices
for stage Ias shown on plans.

1. Construct southbound lanes of propossed Dorsey Pun Road roadway and sideewak including earthwork, grading,
drainaqe structures and curb and guter between sta $3+00$
drainage structures and curb and gutter between sta. $3+00$ and sta. $10+00$, and sta. $14+75$ and sta 27
2. Construct new Dorsey Yun Road roadway and sidewalk including earthwork, qrading,
and curb and guter between sta. $10+00$ and $14+75$ and $s$ sta. $21+75$ to sta. $24+75$.
3. Construct new Giant accesss roadway including earthwork, grading, trainage structures and curb and gutter
4. Construct new Giant access road
between sta. $0+0$ and $4+56.47$.
5. Trenching for proposede drianage structrues across exsiting roadways shall be accomplished using flagging operations, see Marland
the end of the workday.


| LEGEND |  |  |  |
| :---: | :---: | :---: | :---: |
| $\square$ | roadway to be removed | 8880॰ | CRASH CUSHIIN (ATtenuator) |
| $\square$ | roadway under construction | VMs | VARIABLE MESSAGE SIGN |
| $\cdots$ | traffic barrier |  |  |
| $\bullet$ | sign and post |  | Lane movement |
| $\bullet$ | channelization device | III | TYPE III BARRICADE |

MOT-1 OF MOT-4






INDEX OF QUANTITIES

| SHEET | SicN | remarks |
| :---: | :---: | :---: |
| SM-02 | 1 | R1-1 (30 3 (30) |
|  | 2 | W3-1(1) (36 $6^{\prime \prime} \times 36^{\prime \prime}$ |
|  | 3 |  |
|  | 4 |  |
|  | 5 |  |
|  | 6 |  |
|  | 7 | W3-1/ (36\% $\times 36^{\prime \prime}$ ) |
|  | 8 | R2-1 (24430") |
|  | 9 | R1-1 (300 ${ }^{\circ} \times 0^{\circ}$ ) |
|  | 10 |  |
|  | 11 | R33-7( ) (30 ${ }^{\text {a }}$ (30") |


| supports |  | 2 |
| :---: | :---: | :---: |
| ONE 4"X4" WOOD SUPPORT | 6.25 | 15 |
| ONE 4" 4 4" WOOD SUPPORT | 9 | 17 |
| ONE 4"X4"WOOD SUPPORT | 6.75 | 15 |
| ONE 4"X4" WOOD SUPPORT | 13 | 19 |
| ONE 4" 4 4" WOOD SUPPORT | 6.75 | 15 |
| ONE 4"X4"WOOD SUPPORT | 13 | 19 |
| ONE 4"X4" W000 SUPPORT | 9 | 17 |
| ONE 4"X4" WOOD SUPPORT | 5 | 15 |
| ONE 4"X4" WOOD SUPPORT | 6.25 | 15 |
| ONE 4"X4" W000 SUPPORT | 10.25 | 17 |
| ONE 4"X4"W000 SUPPORT | 6.25 | 15 |
| TOTAL | 91.5 |  |

## 

SIGNING AND PAVEMENT MARKING GENERAL NOTES




SIGNING AND PAVEMENT MARKING LEGEND

|  |  |
| :---: | :---: |







LEGEND:
ETT- EnN transition PC- Point of curvature






CAPITAL PROJECT NO. J-4110, PHASE 1 PAVEMENT ELEVATIONS


| DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND | Phoenlx - Nolan Joint venture | (0.7-2-12 ${ }^{2}$ |  | se |  | $\triangle$ | L00 NEW SHEET | [0.90] | PAVEMENT ELEVATIONS | DORSEY RUN ROAD SOUTH LINK PHASE 1 <br> CAPITAL PROJECT NO. J-4110 |  |
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|  |  |  | снкк |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | vo. | Revision | Date |  |  | S00F30 |

