# U.S. 29 INTERCHANGE AT JOHNS HOPKINS / GORMAN ROADS AND OLD COLUMBIA ROAD <br> 8-INCH, 12-INCH AND 16-INCH WATER MAIN RELOCATIONS 

CAPITAL PROJECT W-8212 CONTRACT NO. 44-3868


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| DRAWING No. | DESCRIPTION |
| $\mathrm{u-1}$ | TITLE SHEET |
| U-2 | PLAN AND Proflle - Old Columbia rd. Sta. $1001+00$ To Sta. $1009+50$, |
| U-3 | PLAN AND Profle - OLD Columbia rd. Sta. $1009+50$ to Sta. $1020+50^{\circ}$ |
| U-4 | PLAN AND PROFLLE - OLD Columbia ro. Sta. $1020+50$ to Sta. $1031+50$ |
| L-5 | PLAN AND Proflle - old columbia ro. Sta. $1031+50$ to Sta. $1040+30$ |
| U-6 | Plan and profle - Existing s.h.h. salt dome entrance |
| U-7 | PLan and proflle - hammond parkway/Ramp I And spur I (by others) |
| U-8 | Fire \%y |
| U-9 | split steel sleeve detalls, trench detall, seauence of construction, COMBINATION AR VAUVE MANHOLE DETALS |
| U-i0 | cathooic protection detals |
| U-11 | Cathoolc protection detals |
| U-12 | cathodic protection detals |
| U-13 | Cathoil protection detals |
| U-14 | Cathoil Protection detals |

GENERAL NOTES
PART I

2. all horizontal controls are based on marylano state coordinates, nad 83/9.
3. all vertical controls are based on navo 88 .
4. all pipe elevations shown are nvert elevations unless otherwise noted on the plans.


6. SEE THE SPECIAL PROOISIONS FOR DETALLS NOT SHOWN ON THE DRAWNGS. AND FOR MATERIALS
ANO CONSROUTION METHOOS. THE CONTRACTOR SHALL HAVE A COPY OF THE SPECCAL PROVIIONS
ON THE JOB.


8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWNG UTLITY COMPANES OR AGENCIES AT LEAST FIVE WORKING

9. TREES AND SHRUS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXMUM EXTENT. TREES AND SHRUBS
LOCATED WIHIN THE CONSTRUCTION STRP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTTR.








## PART II WATER

. all water mans shal. be d.l.p. Class 52.
. Tops of all water mains shall have a minmum of $3^{\prime}-6^{*}$ of cover unless otherwise noted.
valves adjacent to tees shall be strappeo to tees.
4. ALL FITTINGS SHAL BE RESTRANED JONTS ANO BUTTRESSED OR ANCHORED WTH CONCRETE N
5. the contractor shall not operate any water maln valves on the existing water srsten.













SECTION

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 A. 6 G. MCH Man in ili.



$\xlongequal{\text { COMBINATION AR VALVE }}$





(2nstall extension kit on Existing hrorant

| 36' SPLIT STEEL SLEEVE DETAIL |
| :--- |
| UNDER RAMP/SPUR |

BY OTHERS

| DEPARTMENT OF PUBLIC WORKS <br>  |  |
| :---: | :---: |
|  |  |

THe wlson t. ballard co.
Consulting enciners CONSULTING ENGINEERS
OWNGS MILLS, MARYLAND


PROFILE \& DETAIL SHEET
 Rht 2






