CITY OF ANN ARBOR
PUBLIC SERVICES - ENGINEERING
IN COOPERATION WITH THE UNIVERSITY OF MICHIGAN

SCHOOL GIRLS GLEN CULVERT REPLACEMENT

ITB No. 4689

PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF THE WORK.

<table>
<thead>
<tr>
<th>PERMIT</th>
<th>ISSUING AUTHORITY</th>
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<tbody>
<tr>
<td>TRAFFIC CONTROL PERMIT</td>
<td>CITY OF ANN ARBOR ENGINEERING</td>
</tr>
<tr>
<td>GRADING, SOIL EROSION &amp; SEGREGATION</td>
<td>CITY OF ANN ARBOR CUSTOMER SERVICE</td>
</tr>
<tr>
<td>RIGHT-OF-WAY PERMIT*</td>
<td>CITY OF ANN ARBOR CUSTOMER SERVICE</td>
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<tr>
<td>ACCESS AGREEMENT</td>
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</tr>
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<td>UNIVERSITY OF MICHIGAN</td>
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CONTACT INFORMATION

PUBLIC UTILITIES

<table>
<thead>
<tr>
<th>OWNER</th>
<th>CONTACT</th>
</tr>
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<tbody>
<tr>
<td>DNT</td>
<td>1800-482-7171</td>
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PRIVATE UTILITIES

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<th>OWNER</th>
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<tr>
<td>Utility</td>
<td>1800-482-7171</td>
</tr>
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</table>

PLAN:
Know what's below. Call before you dig.
Know what's below. Call before you dig.

- Creek alignments
- Benchmarks
- Directions
- Distances
- Stations
- Northings
- Eastings

PUBLIC SERVICES-ENGINEERING - CITY OF ANN ARBOR

CITY OF ANN ARBOR
PUBLIC SERVICE
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

SCHOOL GIRLS GLEN CULVERT REPLACEMENT - NICHOLS DRIVE
2021-XXX
BIDS 08-11-2021

on the web at:  www.missdig.org
1-800-482-7171
3 full working days before you dig:
MISS DIG 811

NICHOLS DRIVE
ALIGNMENT
BENCHMARKS
PLAN:
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EGLE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

<table>
<thead>
<tr>
<th>DETAIL</th>
<th>CHARACTERISTICS</th>
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<td>49</td>
<td></td>
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<tr>
<td>54</td>
<td></td>
</tr>
</tbody>
</table>

NOTES
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BENCHMARKS

NICHOLS DRIVE

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NOTES

SPOT ELEVATION LEGEND

LEGEND

PARK LINES, LINES TO BE LEFT UNDUG
TOP OF OUTLET PIPE
TOP OF INLET PIPE
CHECKING FOR CHAINAGE
NEW PIPE CONSTRUCTION, SEE SHEET
ALL EXCAVATION AND SHOVELING WORK TO BE DONE FOR NEW PIPE CONSTRUCTION, SEE SHEET

PUBLIC SERVICE ENGINEERING
CITY OF ANN ARBOR
SCHOOL GIRLS GLEN CULVERT REPLACEMENT
NICHOLS DRIVE
PLAN:

1. KNOW WHAT'S BELOW.

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DETAILS

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SCHOOL GIRLS GLEN CULVERT REPLACEMENT
INSTRUCTIONAL DRAWING No. 1

PUBLIC SERVICES ENGINEERING - CITY OF ANN ARBOR
SCHOOL GIRLS GLEN CULVERT REPLACEMENT - INSTRUCTIONAL DRAWING No. 1
12/17/2021
**LOG OF BORING**

**Project:** School Girls Glen Culvert Replacement

**Project No.:** 261615

**Date:** 01/10/18

**Owner:** City of Ann Arbor Public Services Engineering

**Public Services-Engineering - City of Ann Arbor**

**301 East Huron Street**

**P.O. Box 8647**

**Ann Arbor, MI 48107-86447**

**734-794-6410**

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**SCHOOL GIRLS GLEN CULVERT REPLACEMENT - NICHOLS DRIVE**

**2021-XXX**

**BIDS 08-11-2021**

**Soil Boring**

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<table>
<thead>
<tr>
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<th>Time</th>
<th>Depth</th>
<th>Soils</th>
<th>Water</th>
<th>Structural Damage</th>
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<tbody>
<tr>
<td>01/10/18</td>
<td>10:00</td>
<td>15'</td>
<td>Clay</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>01/10/18</td>
<td>11:00</td>
<td>20'</td>
<td>Sand</td>
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**End of Boring**

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**Notes:**

- Clay with occasional cobbles
- Gravelly sand
- Sand with occasional cobbles
- Sand to depth
- Structural damage noted
- Soil borings completed

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**SOIL BORINGS**

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**BIDS**

08-11-2021
PLAN:

R:
- Know what's below.
- Call before you dig.

C:
- ITYOFAN
- RMCHIGAN
- FUND 182

I:
- NICHOLS DRIVE ACCESS
- SCHOOL GIRLS GLEN CULVERT REPLACEMENT - NICHOLS DRIVE
- 2021-XXX BIDS
- 08-11-2021

-access plan
- E MEDICAL CENTER TO NICHOLS DR

NOTES

1. Construction crews in accordance with all directions on the construction plan.
2. Notice to the public will be given by the City of Ann Arbor, City of Ann Arbor Public Services - Engineering Department.
3. The construction site will be marked with proper signs and barricades.
4. The construction site will be kept clean and safe for the public.
5. The City of Ann Arbor reserves the right to make changes to the construction plan.
6. The construction site will be closed to the public during working hours.

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- 2021-XXX BIDS
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