DIVISION 02—EXISTING CONDITIONS

FORMAT
1. Technical specifications content and numbering system shall be based on the 2004 version of CSI MasterFormat (numbering herein corresponds with 2016 Edition).

BASIS OF DESIGN
1. BGSU Design standards shall not replace fully developed, project and market specific technical specification. Architect/Engineer (A/E) shall utilize the Standards as a minimum standard to guide the design and execution in the field. Exceptions to these standards are allowed provided they are approved by Design & Construction.
2. All submitted substitute products shall be brought to the attention of Design & Construction, prior to approval.

RELATED SECTION
1. 33-Utilities

GENERAL PROVISIONS
1. A/E shall coordinate replacing existing or installing new monuments with the Office of Facilities Information, 419.372.2532.
2. If an existing BGSU survey monument is damaged or disturbed, that monument shall be removed. Coordinate with the Office of Facilities Information to determine if monument needs replaced.

02 21 13—SITE SURVEYS
1. Surveys shall tie into BGSU survey monuments.
2. Coordinate system settings shall be:
   b. Zone: Ohio North 3401
   d. Vertical Datum: NAVD 1988
   e. Geoid Model: Geoid 2012A

02 21 13.13—BOUNDARY AND SURVEY MARKERS
1. GPS static survey ±0.1-0.5 cm with a 15-minute observation where accepted. Must use ODOT VRS system, and must be performed by a licensed professional surveyor. Final coordinates shall be provided to the Office of Facilities Information.
2. Monument to be 6” in diameter precast concrete cylinder at least 30” below the finish grade including 2” monument cap and rod. See figure below.
3. New monuments shall have a designation specified by the Office of Facilities Information. See figure below.
02 22 00—EXISTING CONDITIONS ASSESSMENT

1. All existing utility lids, valve boxes, drainage structures, etc., shall be adjusted as necessary to match any revised elevations within the project site. A concrete collar shall be added per BGSU Standards. This is to be the case even in instances where the structure is otherwise unaffected by construction.
Proposed modifications shall be reviewed and approved by the Project Manager or designee.

**02 32 00 – GEOTECHNICAL INVESTIGATIONS**
1. Coordinate system settings shall be:
   b. Zone: Ohio North 3401
   d. Vertical Datum: NAVD 1988
   e. Geoid Model: Geoid 2012A

**02 32 13 – SUBSURFACE DRILLING AND SAMPLING**
1. Test Boring Logs
   a. Provide horizontal northing (y), easting (x) and vertical (z) surface elevation for all bore locations.
   b. Provide vertical (z) elevations for all subsurface conditions.

**02 60 00 – CONTAMINATED SITE MATERIAL REMOVAL**
1. In addition to all governmental regulations (OSHA, USEPA, OhioEPA, ODH, etc.), BGSU Environmental Health and Safety personnel and policies shall be consulted on proper removal and disposal.

**02 80 00 – FACILITY REMEDIATION**
1. In addition to all governmental regulations (OSHA, USEPA, OhioEPA, ODH, etc.), BGSU Environmental Health and Safety personnel and policies shall be consulted on proper removal and disposal.

**02 82 00 – ASBESTOS REMEDIATION**
1. In addition to information mentioned in Facility Remediation, note the BGSU Environmental Health and Safety’s Asbestos Awareness section.
2. When remediation is applicable, include BGSU Environmental Health and Safety’s Asbestos Abatement Documentation Form into Bid Documents for responsible contractor’s completion.

End of Section