

SECTION 02140

DEWATERING

1. PART 1 GENERAL

1.1 SECTION INCLUDES

- A. The Work in this Section includes all dewatering operations, which may be required in performing any and all Site Work such as excavating and trenching.

1.2 RELATED SECTIONS

- A. Section 02160 – Excavation Support Systems.
- B. Section 02178 – Steel Sheet Pile Boring and Jacking Pits/Cofferdams.
- C. Section 02211 – Rough Grading.
- D. Section 02222 – Excavation.
- E. Section 02225 – Trenching.
- F. Section 02320 – Utilities Installed in a Boring, Jacking or Tunneling Operation.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300 - Submittals.
- B. Submit shop drawings and product data for all items to be installed and/or constructed within this Section.
- C. Contractor shall submit a dewatering plan prior to beginning Work.

1.4 UNIT PRICE - MEASUREMENT AND PAYMENT

- A. Dewatering:
 - 1. Basis of Measurement: Included in unit price bid for the pay item being installed or constructed as stated in the proposal.
 - 2. Basis of Payment: Includes material, equipment and labor necessary to for dewatering as necessary for construction and/or determined by the Engineer.

2. PART 2 PRODUCTS

2.1 MATERIALS

- A. Section Not Used.

3. PART 3 EXECUTION

3.1 DEWATERING

- A. Contractor shall be aware of and conform to the requirements of the State of Michigan in all dewatering operations. The Contractor shall also be responsible

for the rules set down under the Ground Water Quality Control of the Well Construction Code.

- B. The Contractor shall provide and maintain adequate dewatering equipment to remove and dispose of all surface and ground water from all excavations and trenches or other parts of Work.
- C. Excavation shall be kept dry during the preparation of the subgrade and continually thereafter until Work within that excavation etc. is complete as approved by the Engineer.
- D. Contractor shall repair all Work damaged due to failure of dewatering operation as determined by Engineer.
- E. All excavations for concrete structures or trenches, which extend down to or below the static ground water elevations, shall be dewatered by lowering the ground water surface a minimum of 24 inches below the bottom of the excavation as approved by the Engineer.
- F. Surface water shall be diverted or prevented from entering the excavations without leaving the Project Site.

END OF SECTION