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SECTION 30 05 00
COMMON WORK RESULTS FOR ALL EXTERIOR WORK
BASED ON DFD MASTER SPECIFICATION DATED 09/01/2015

PART 1 – GENERAL

SCOPE

This section provides information common to two or more technical site work specification sections or items that are of a general nature, and not included in other sections. This section applies to ALL work included as part of Division 31, Division 32, and Division 33. Included are the following topics:

PART 1 - GENERAL

- Scope
- Related Work
- Referenced Organizations
- Referenced Documents
- Quality Assurance
- Safety
- Permits
- Construction Limits
- Equipment & Materials Furnished by Others
- Provisions for Future Work
- Work by Others
- Submittals
- Off Site Storage
- Codes
- Certificates and Inspections
- As-Built Drawings

PART 2 - MATERIALS

- Barricades, Signs, and Warning Devices

PART 3 - EXECUTION

- Maintenance of Site and Building Access/Egress
- Continuity of Existing Traffic/Parking and Traffic Control
- Survey and Staking
- Utility Locates
- Protection and Continuity of Existing Utilities
- Protection of Existing Work and Facilities
- Stormwater/Excavation Water Management

RELATED WORK

Applicable provisions of Division 1 govern work under this Section.

REFERENCED ORGANIZATIONS

Abbreviations of organizations referenced in these specifications are as follows:

AASHTO	American Association of State Highway and Transportation Officials
ANSI	American National Standards Institute
ASTM	American Society for Testing and Materials
EPA	Environmental Protection Agency
OSHA	Occupational Safety and Health Administration

4 **REFERENCED DOCUMENTS**

5
6 Where reference is made to WisDOT or SSHSC in this specification it shall mean the pertinent sections of
7 the Wisconsin Department of Transportation, Standard Specifications for Highway and Structure
8 Construction (SSHSC), current edition, and all supplemental and interim supplemental and interim
9 specifications.

10
11 Where reference is made to the SSSWC, it shall mean pertinent sections of the Standard Specifications for
12 Sewer and Water Construction (SSSWC) in Wisconsin, current edition.

13
14 Method of measurement and basis of payment sections in referenced documents shall not apply.
15

16 **QUALITY ASSURANCE**

17
18 Provide materials and products as required by individual specification sections. Refer to Section GC -
19 General Conditions of the Contract regarding substitutions.

20
21 Provide quality assurance testing and reporting as required by individual specification sections.
22

23 **SAFETY**

24
25 Contractor is solely responsible for worksite safety.
26

27 Perform all work in accordance with applicable OSHA, state and local safety standards.
28
29

30 **PERMITS**

31
32 Unless otherwise noted in the Contract Documents, Contractor shall be responsible for obtaining and
33 paying for all permits necessary to complete the work.
34

35 **CONSTRUCTION LIMITS**

36
37 Construction Limits are indicated on the drawings. In the absence of such a designation on the drawings,
38 confine work to the minimum area reasonably necessary to undertake the work as determined by the DFD
39 Project Representative. In no case shall construction activities extend beyond state property lines or
40 construction easements.
41

42 The Contractor shall restore all disturbed areas in accordance with the drawings and specifications. If
43 drawings and specifications do not address restoration of specific areas, these areas will be restored to pre-
44 construction conditions as approved by the DFD Project Representative.
45

46 **EQUIPMENT & MATERIALS FURNISHED BY OTHERS**

47
48 **PROVISIONS FOR FUTURE WORK**

49
50 **WORK BY OTHERS**

51
52 Coordinate work under this project with work by Owner and other contractors on the site.
53

54 **SUBMITTALS**

55
56 Refer also to the General Conditions and Division 1.

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Submit manufacturer's shop drawings, product data, samples, substitutions and operation and maintenance (O&M) data for approval as required by individual specification sections.

Unless otherwise noted, provide 6 copies of each submittal. Submit to project architect/engineer (A/E) unless otherwise directed by DFD Project Representative at the Pre-Construction Meeting.

OFF SITE STORAGE

Refer to Division 1.

In general, the payments for materials stored off site will only be considered in instances where there is limited space available for storage on the site. Prior approval by the DFD Project Representative, together with the execution of a Storage Agreement will be required.

CODES

Comply with the requirements of all applicable, local, state and federal codes.

CERTIFICATIONS AND INSPECTIONS

Refer to Section GC - General Conditions.

Obtain and pay for all required sampling, testing, inspections, and certifications except those expressly listed as provided by the A/E or other third party in the Contract Documents. Deliver originals of certificates and documents to the DFD Project Representative within 3 days; provide copies to the A/E. Include copies of the certifications and documents in the O&M Manual.

AS-BUILT DRAWINGS

DFD will provide the Contractor with a suitable set of Contract Documents on which daily records of changes and deviations from contract shall be recorded.

At completion of the project, the Contractor shall submit the marked-up as-built drawings to the A/E prior to final payment.

PART 2 – MATERIALS

BARRICADES, SIGNS, AND WARNING DEVICES

Traffic barricades, traffic signs, and warning devices shall meet the requirements of applicable OSHA standards and the FHA Manual of Uniform Traffic Control Devices (MUTCD).

PART 3 - EXECUTION

MAINTENANCE OF SITE AND BUILDING ACCESS/EGRESS

Unless otherwise shown or directed, maintain existing access and egress to the facility throughout construction. Maintain ANSI A117 compliant access for disabled persons, delivery access, emergency vehicle access, and emergency egress. Do not interrupt access and egress without prior written approval from the DFD Project Representative.

1 **CONTINUITY OF EXISTING TRAFFIC/PARKING AND TRAFFIC CONTROL**

2
3 Refer also to Section GR - General Requirements.

4
5 Do not interrupt or change existing traffic, delivery, or parking without prior written approval from the
6 DFD Project Representative. When interruption is required, coordinate schedule with the Owner agency to
7 minimize disruptions. When working in public right-of-way, obtain all necessary approvals and permits
8 from applicable municipalities and WISDOT.

9
10 When Contractor's activities impede or obstruct traffic flow, Contractor shall provide traffic control
11 devices, signs and flaggers in accordance with other Contract Documents and the current version of the
12 MUTCD, or as shown on the Drawings.

13
14 **SURVEY AND STAKING**

15
16
17 A/E will provide benchmarks and control points for the project as requested by the Contractor if
18 information is available and not already shown on the plans.

19
20 Contractor shall be responsible for transferring benchmarks, control points, lines and grades to the project
21 site as necessary to complete work.

22
23 **UTILITY LOCATES**

24
25
26 Contact Diggers Hotline at 1-800-242-8511 in accordance with statutory requirements. Request that non-
27 member utilities, institution owned utilities, and private utilities be located by the appropriate parties.

28
29 Contractor shall include the costs for **ALL** underground utility locates in their bid. Locates shall include
30 excavation, backfill, survey and pictures of existing utilities within the construction limits. Survey
31 information shall include size, elevation, GPS location, materials and height and width of utility. Locates
32 shall be authorized by DFD Project Representative.

33
34 **PROTECTION AND CONTINUITY OF EXISTING UTILITIES**

35
36 Verify the locations of any water, drainage, gas, storm sewer, sanitary sewer, electric,
37 telephone/communication, fuel, steam lines, chilled water or other utilities and site features which may be
38 encountered in any excavations or other sitework. All lines shall be properly underpinned and supported to
39 avoid disruption of service.

40
41 Do not interrupt or change existing utilities without prior written approval from the DFD Project
42 Representative, affected utilities and users. Notify all users impacted by outages a minimum of 48 hours in
43 advance of outage. Notification shall be provided in writing and describe the nature and duration of
44 outages and provide the name and number of Contractor's foreman or other contact.

45
46 Any service connections encountered that are to be removed shall be cut off at the limits of the excavation
47 and capped in accordance with the requirements of applicable codes and any specifications governing such
48 removals.

49
50 **PROTECTION OF EXISTING WORK AND FACILITIES**

51
52 Verify the locations of, and protect, any signs, paved surfaces, buildings, structures, landscaping,
53 streetlights, utilities, and all other such facilities that may be encountered or interfered with during the
54 progress of the work. Take measures necessary to safeguard all existing work and facilities that are outside
55 the limits of the work or items that are within the construction limits but are intended to remain. Report

1 any damage to existing facilities to the DFD Project Representative immediately. Correct all damages at no
2 cost to Owner.

3

4 **STORMWATER/EXCAVATION WATER MANAGEMENT**

5

6 Control grading around structures, pitch ground to prevent runoff into excavated areas.

7

8 Pits, trenches within building lines and other excavations shall be maintained free of water.

9

10 Provide trenching, pumping, other facilities as needed to control stormwater runoff and excavation water.

11

12 Notify Architect/Engineer if springs or running water are encountered in excavation; provide discharge by
13 trenches, drains, pumping to point outside of excavation. Provide information to Architect/Engineer of
14 points and areas that water will be discharged.

15

16 Implement stormwater runoff and drainage control measures to prevent damage from flooding, erosion, and
17 sedimentation to on-site and off-site areas during construction.

18

19

END OF SECTION

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