

**DIVISION 00820
IDAHO DEPARTMENT OF PARKS AND RECREATION
NORTH BEACH REDESIGN
REVISIONS TO THE STANDARD SPECIFICATIONS (ISPWC)
AND
SPECIAL PROVISIONS**

GENERAL PROJECT INFORMATION, SCHEDULE, AND COORDINATION

1. All work shall conform to the requirements of: 1) Permits from the agencies, 2) Project Manual, 3) Project Special Provisions and revisions to the ISPWC Standard Specifications, 4) Project Plans, 5) Current Edition of the Bear Lake Standard Construction Specifications, 6) Reference standard and specifications, 7) Supplementary Conditions to the ISPWC General Condition. In the case of conflict, the more stringent requirement shall apply in the preceding order of precedence.
2. The North Beach Redesign project goal is to enhance the traffic flow around the west entrance of Bear Lake State Park - North Beach. It includes crumbling pavement replacement, storm drain improvements, helicopter pad striping, and other related and miscellaneous work.
3. The Contractor is required to have copies of the following standards on-site at all times during construction of the project:
 - a. All applicable permits
 - b. Project Manual
 - c. Project Plans
 - d. Stormwater Management Documents
4. The Contractor shall coordinate weekly meetings with the Owner, utility companies, sub-contractors, adjacent businesses, homeowners, and any other entities involved in the project. Weekly meetings shall include the 3-week look-ahead schedule (provided by the Contractor) for activities. Meeting topics will include the project work schedule, status of submittals, inspection/test coordination, traffic control/access coordination, public media outreach and other items as appropriate. This work shall be completed to minimize disruption to utility services, traffic and access to adjoining land and business owners.
5. All completed construction shall be subject to final acceptance by the Owner – Idaho Department of Parks and Recreation.
6. Refer to the Special Provisions SP-2101 and SP-2102 for requirements on project coordination and scheduling. This work shall be completed to minimize disruption of utility services, traffic and access to adjoining residents, and business owners. The Contractor shall maintain pressure irrigation service, storm water conveyance, irrigation conveyance, water service, and sewer service as specified in the Technical Specifications and Special Provisions.
7. North Beach Road right-of-way (ROW) within the project limits is under the jurisdiction of Bear Lake County. It will be the responsibility of the Contractor to secure a Traffic Control Plan (TCP) and obtain all necessary approvals and permits related to Work in the public right-of-way prior to the start of construction. The Contractor shall contact Bear Lake County Traffic permitting coordinator after the “notice of award” and submit a TCP to Bear Lake County on or before the preconstruction meeting. This work shall be completed to

minimize disruption of utility services, traffic and disturbance to adjoining property owners. Coordinate all work with affected landowners and businesses and maintain local resident vehicular egress/ingress access open at all times.

The Contractor shall protect all Underground Utilities during construction operations. It shall be the Contractor's responsibility to notify Dig Line (811)) for utility locations before any excavation. The CONTRACTOR shall compare Dig Line markings to approximate utility locations on the provided project plan sheets. The CONTRACTOR shall take all possible precautions for the protection of unforeseen utilities, to provide for uninterrupted service, and to provide such special protections as may be necessary.

8. Approval of dewatering or storm water discharges to any surface water, storm drainage or irrigation facilities, fields, or private properties has not been secured by Owner. Contractor shall be required to obtain all necessary approvals.

It is anticipated that construction of this project will result in total land disturbance of greater than one (1) acre; therefore, an EPA Construction General Permit, a Storm Water Pollution Prevention Plan (SWPPP), and a Notice of Intent (NOI) and Notice of Termination (NOT) will be required.

9. Miscellaneous features and facilities designated for removal on the Plans shall be legally disposed of off-site by the Contractor. All other fences, irrigation facilities, signs and other miscellaneous facilities removed or altered during construction shall be replaced in-kind or restored to their original condition prior to final completion unless otherwise specified on Plans. This work shall be considered incidental to the contract, and no payment will be made unless item(s) are specifically listed on the Bid Form.
10. The Contractor shall be responsible for all survey control and construction staking. This work shall be under the direct supervision of an Idaho Licensed Professional Land Surveyor. All control points and land monuments shown on the approved Plans, found, or having evidence of existing, shall be independently verified and referenced prior to construction. All land monuments disturbed by construction activities shall be reset per Section 2020 and in accordance with the Idaho Code.
11. All Contractors working within the project boundaries are responsible for compliance with all applicable safety laws of any jurisdictional body. The Contractor shall be responsible for all barricades, safety devices, and control of traffic within and around the construction area. Temporary construction safety fencing and all other work associated with these work restrictions shall be incidental to the project and the cost included in appropriate unit bid prices.
12. The Contractor shall provide test results to the Engineer within forty-eight (48) hours after completion.

SECTION 01100 - SUMMARY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including Fixed Price Construction Contract and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Phased construction.
4. Work by Owner.
5. Work under separate contracts.
6. Future work.
7. Owner-furnished products.
8. Contractor-furnished, Owner-installed products.
9. Access to site.
10. Coordination with occupants.
11. Work restrictions.
12. Specification and drawing conventions.
13. Miscellaneous provisions.
14. General Security Requirements
15. Permits

- B. Related Requirements:

1. Section 01500 "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

1.3 PROJECT INFORMATION

- A. Project Identification: IDPR No. 360431 – Bear Lake State Park – Bear Lake North Beach Redesign
- B. Project Location: North Beach Unit at Bear Lake State Park, Idaho. Bear Lake Visitor Center, 25 300 N, St Charles, ID 83272
- C. Owner: Idaho Department of Parks & Recreation, 5657 Warm Springs Avenue, Boise, Idaho 83716.

- 1) Owner's Representative: Sarah Sundquist, Project Manager, Ph: 208-514-2472. Sarah.sundquist@idpr.idaho.gov Agency: Bear Lake State Park
- D. Design Professional: J-U-B Engineers, Inc., 1047 S 100 W, Suite 180, Logan, UT 84321.
- E. Design Professional's Consultants: The Architect or Engineer has retained the following design professionals who have prepared designated portions of the Contract Documents:
 - a. Geotechnical Engineer: Terracon, 6952 S. High Tech Drive, Suite B, Midvale, UT 84047.

1.4 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Work of Project is defined by the Contract Documents and consists of the following:
 1. The North Beach Redesign project goal is to enhance the traffic flow around the west entrance of Bear Lake State Park - North Beach. It includes pavement replacement, storm drain improvements, parking, circulation, and helicopter pad striping, boat ramp repair, and other related and miscellaneous work.
- B. Type of Contract:
 1. Project will be constructed under a single prime contract per the Division of Public Works Fixed Price Construction Contract between Owner and Contractor.

1.5 ACCESS TO SITE

- A. General: Contractor shall have full use of Project site for construction operations during construction period. Contractor's use of Project site is limited only by Owner's right to perform work or to retain other contractors on portions of Project, and by use of facility by building tenants in existing tenant improvement Projects.
- B. Use of Site: Limit use of Project site to areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
1. Driveways, Walkways and Entrances: Keep drive aisles and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
 - c. Contractor parking shall be limited to those areas indicated on the Contract Document and as designed by the Owner.

- d. Maintain clear access to project at all times for firefighting equipment. Maintain exit ways from existing building required by authorities having jurisdiction.
- e. Signs: Provide signs adequate to direct visitors.
 - 1) Do not install, or allow to be installed, signs other than specified sign(s) and signs identifying the principal entities involved in the project.
- C. Behavior and Dress: The Contractor and all Contractors representatives, to include subcontractors, consultants, vendors or other parties hired by the Contractor will maintain professional behavior and wear appropriate attire that always identifies their company while on the job site.

1.6 PROTECTION OF BUILDING, CONTENTS, AND GROUNDS.

- A. Construction Site Lay-down and Storage: As discussed in the Pre-Construction meeting and as agreed upon by the Owner and Contractor.
- B. Verify with Agency any specific requirements.

1.7 COORDINATION WITH OCCUPANTS

- A. Partial Owner Occupancy: Owner will occupy the premises during entire construction period, with the exception of areas under construction. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations.
 - 1. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
 - 2. Provide not less than 48 hours' notice to Owner of activities that will affect Owner's operations.
- B. Owner Limited Partial Use or Occupancy: Owner reserves the right to occupy and to place and install equipment or materials in portions of the Work, prior to Substantial Completion of the Work, provided such occupancy does not interfere with completion of the Work. Such partial use, placement of equipment or materials, and limited occupancy shall not constitute acceptance of the total Work.
 - 1. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of Work, if Work in those areas has been accepted as complete by the Design Professional.

1.8 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
 - 1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.

- B. On-Site Work Hours: Limit work on the site to normal business working hours of 7:00 a.m. to 7:00 p.m., Monday through Friday, unless otherwise indicated.
 - 1. Weekend Hours: To be discussed with and receive written confirmation from Owner prior to work.
 - 2. Early Morning or Late Evening Hours: Contractor to verify with IDPR.
 - 3. Hours for Utility Shutdowns: Coordinate with owner.
- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
 - 1. Notify Owner not less than 7 days in advance of proposed utility interruptions.
 - 2. Obtain Owner's written permission before proceeding with utility interruptions.
- D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
 - 1. Notify Owner not less than 7 days in advance of proposed disruptive operations.
 - 2. Obtain Owner's written permission before proceeding with disruptive operations.
- E. Hazardous Materials: ~~Notify~~ the Design Professional and Owner immediately upon discovery of existing hazardous materials.
- F. On Owner/Tenant occupied projects, maintain cleanliness in areas adjacent to and surrounding the construction area to the satisfaction of the Owner at all times.
- G. On Owner/Tenant occupied projects, ensure deliveries and contractor work access are in accordance with previous agreement with Owner and/or as indicated in the Contract Documents.

1.9 PERMITS

- A. Furnish all necessary permits for construction of the Work.

1.10 WASTE DISPOSAL

- A. The contractor is responsible for any and all demolition and/or removal as necessary and required to fulfill the requirements of the Contract Documents.

1.11 TESTING AND INSPECTION

- A. Notify Owner/Engineer at least 24 hours prior to commencement of Work requiring special inspection.

1.12 SPECIFICATION AND DRAWING CONVENTIONS

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
 - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
 - 2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
 - 1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
 - 2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standard and scheduled on Drawings.
 - 3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01100

SECTION 012300 – ADD ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

A. Add Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.

2. The cost for each alternate is the net addition to the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Execute accepted alternates under the same conditions as other work of the Contract.

C. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate No. 1: Additional Asphalt Paving. Remove and dispose of additional asphalt in plan shown as "protected in place," as called out on the plans on sheet D-101 except to "square off" the entrance and the existing jetty are not included in the alternate. New asphalt and base course will then be installed to match base bid paving specifications and details.

B. Alternate No. 2: Install concrete ramp extension by the existing gangway to provide level surface for gangway access. See detail B3 on project plan C-502.

END OF SECTION 012300

SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes requirements for temporary utilities, support facilities, and security and protection facilities.
- B. Related Requirements:
 - 1. Section 011000 "Summary of Work and General Requirements" for work restrictions and limitations on utility interruptions.

1.2 USE CHARGES

- A. General: Installation and removal of and use charges for temporary facilities shall be included in the Contract Sum unless otherwise indicated. Allow other entities engaged in the Project to use temporary services and facilities without cost, including, but not limited to Design Professional, testing agencies, and authorities having jurisdiction.
- B. Sewer Service: Pay sewer-service use charges for sewer usage by all entities for construction operations.
- C. Water Service: Pay water-service use charges for water used by all entities for construction operations.
- D. Electric Power Service: Pay electric-power-service use charges for electricity used by all entities for construction operations.
- E. Water and Sewer Service from Existing System: Water from Owner's existing water system is available for use without metering and without payment of use charges. Provide connections and extensions of services as required for construction operations.
- F. Electric Power Service from Existing System: Electric power from Owner's existing system is available for use without metering and without payment of use charges.

Provide connections and extensions of services as required for construction operations.

1.3 INFORMATIONAL SUBMITTALS

- A. Site Utilization Plan: Show temporary facilities, temporary utility lines and connections, staging areas, construction site entrances, vehicle circulation, and parking areas for construction personnel.
- B. Erosion- and Sedimentation-Control Plan: Show compliance with requirements of EPA Construction General Permit or authorities having jurisdiction, whichever is more stringent.
- C. Project Identification and Temporary Signs: Show fabrication and installation details, including plans, elevations, details, layouts, typestyles, graphic elements, and message content.
- D. Fire-Safety Program: Show compliance with requirements of NFPA 241 and authorities having jurisdiction. Indicate Contractor personnel responsible for management of fire-prevention program.
- E. Moisture-and Mold-Protection Plan: Describe procedures and controls for protecting materials and construction from water absorption and damage and mold.
 - 1. Describe delivery, handling, and storage provisions for materials subject to water absorption or water damage.
 - 2. Indicate procedures for discarding water-damaged materials, protocols for mitigating water intrusion into completed Work, and replacing water-damaged Work.
 - 3. Indicate sequencing of work that requires water, such as sprayed fire-resistive materials, plastering, and terrazzo grinding, and describe plans for dealing with water from these operations. Show procedures for verifying that wet construction has dried sufficiently to permit installation of finish materials.

1.4 QUALITY ASSURANCE

- A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.

B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.

C. Accessible Temporary Egress: Comply with applicable provisions in the United States Access Board's ADA-ABA Accessibility Guidelines and ICC/ANSI A117.1.

1.5 PROJECT CONDITIONS

A. Temporary Use of Permanent Facilities: Engage Installer of each permanent service to assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.

PART 2 - PRODUCTS

2.1 TEMPORARY FACILITIES

A. Field Offices, General: Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading.

B. Common-Use Field Office: Of sufficient size to accommodate needs of Owner, Design Professional, and construction personnel office activities and to accommodate Project meetings specified in other Division 01 Sections. Keep office clean and orderly.

2.2 EQUIPMENT

A. Fire Extinguishers: Portable, UL rated; with class and extinguishing agent as required by locations and classes of fire exposures.

PART 3 - EXECUTION

3.1 TEMPORARY FACILITIES, GENERAL

A. Conservation: Coordinate construction and use of temporary facilities with consideration given to conservation of energy, water, and materials. Coordinate use of temporary utilities to minimize waste.

1. Salvage materials and equipment involved in performance of, but not actually incorporated into, the Work. See ISPWC Section 1002 "Construction Site Housekeeping" for disposition of salvaged materials that are designated as Owner's property.

3.2 INSTALLATION, GENERAL

A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.

B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

3.3 TEMPORARY UTILITY INSTALLATION

A. General: Install temporary service or connect to existing service.

1. Arrange with utility company, Owner, and existing users for time when service can be interrupted, if necessary, to make connections for temporary services.

B. Water Service: Install water service and distribution piping in sizes and pressures adequate for construction.

C. Sanitary Facilities: Provide temporary toilets, wash facilities, and drinking water for use of construction personnel. Comply with requirements of authorities having jurisdiction for type, number, location, operation, and maintenance of fixtures and facilities.

1. Toilets: Use of Owner's existing toilet facilities may be permitted, if authorized, as long as facilities are cleaned and maintained in a condition acceptable to Owner. At Substantial Completion, restore these facilities to condition existing before initial use.

D. Temporary Heating and Cooling: Provide temporary heating and cooling required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of low temperatures or high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed.

1. Provide temporary dehumidification systems when required to reduce ambient and substrate moisture levels to level required to allow installation or application of finishes and their proper curing or drying.

E. Electric Power Service: Provide electric power service and distribution system of sufficient size, capacity, and power characteristics required for construction operations.

G. General: Comply with the following:

1. Provide construction for temporary offices, shops, and sheds located within construction area or within 30 feet of building lines that is noncombustible according to ASTM E 136. Comply with NFPA 241.

2. Maintain support facilities until Design Professional schedules Substantial Completion inspection. Remove before Substantial Completion. Personnel remaining after Substantial Completion will be permitted to use permanent facilities, under conditions acceptable to Owner.

H. Temporary Roads and Paved Areas: Construct and maintain temporary roads and paved areas adequate for construction operations. Locate temporary roads and paved areas within construction limits indicated on Drawings.

1. Provide dust-control treatment that is nonpolluting and non-tracking. Reapply treatment as required to minimize dust.

I. Temporary Use of Permanent Roads and Paved Areas: Locate temporary roads and paved areas in same location as permanent roads and paved areas. Construct and maintain temporary roads and paved areas adequate for construction operations. Extend temporary roads and paved areas, within construction limits indicated, as necessary for construction operations.

1. Coordinate elevations of temporary roads and paved areas with permanent roads and paved areas.

2. Prepare subgrade and install subbase and base for temporary roads and paved areas according to ISPWC Section 202 "Excavation and Embankment".

3. Recondition base after temporary use, including removing contaminated material, regrading, proof-rolling, compacting, and testing.

4. Delay installation of final course of permanent hot-mix asphalt pavement until immediately before Substantial Completion. Repair hot-mix asphalt base-course pavement before installation of final course according to ISPW Section 805 "Asphalt".

J. Traffic Controls: Comply with requirements of authorities having jurisdiction.

1. Protect existing site improvements to remain including curbs, pavement, and utilities.

2. Maintain access for fire-fighting equipment and access to fire hydrants.

K. Parking: Use designated areas of Owner's existing parking areas for construction personnel.

L. Dewatering Facilities and Drains: Comply with requirements of authorities having jurisdiction. Maintain Project site, excavations, and construction free of water.

1. Dispose of rainwater in a lawful manner that will not result in flooding Project or adjoining properties or endanger permanent Work or temporary facilities.

2. Remove snow and ice as required to minimize accumulations.

M. Project Signs: Provide Project signs as indicated. Unauthorized signs are not permitted.

1. Identification Signs: Provide Project identification signs as indicated on Drawings.

2. Temporary Signs: Provide other signs as indicated and as required to inform public and individuals seeking entrance to Project.

- a. Provide temporary, directional signs for construction personnel and visitors.

3. Maintain and touch up signs so they are legible at all times.

N. Waste Disposal Facilities: Comply with requirements specified in ISPMC Section 1002 "Construction Site Housekeeping".

O. Waste Disposal Facilities: Provide waste-collection containers in sizes adequate to handle waste from construction operations. Comply with requirements of authorities having jurisdiction. Comply with progress cleaning requirements in Section 173 "Execution Requirements".

P. Lifts and Hoists: Provide facilities necessary for hoisting materials and personnel.

1. Truck cranes and similar devices used for hoisting materials are considered "tools and equipment" and not temporary facilities.

3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION

A. Protection of Existing Facilities: Protect existing vegetation, equipment, structures, utilities, and other improvements at Project site and on adjacent properties, except those indicated to be removed or altered. Repair damage to existing facilities.

1. Where access to adjacent properties is required in order to affect protection of existing facilities, obtain written permission from adjacent property owner to access property for that purpose.

B. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction as required to comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.

C. Temporary Erosion and Sedimentation Control: Comply with requirements of EPA Construction General Permit or authorities having jurisdiction, whichever is more stringent and requirements specified in ISPWC Section 201 "Clearing and Grubbing and Removal of Obstructions".

D. Temporary Erosion and Sedimentation Control: Provide measures to prevent soil erosion and discharge of soil-bearing water runoff and airborne dust to undisturbed areas and to adjacent properties and walkways, according to project sheet C-106 "EROSION CONTROL PLAN" and requirements of EPA Construction General Permit or authorities having jurisdiction, whichever is more stringent.

1. Verify that flows of water redirected from construction areas or generated by construction activity do not enter or cross tree- or plant-protection zones.
2. Inspect, repair, and maintain erosion- and sedimentation-control measures during construction until permanent vegetation has been established.
3. Clean, repair, and restore adjoining properties and roads affected by erosion and sedimentation from Project site during the course of Project.
4. Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal.

E. Stormwater Control: Comply with requirements of authorities having jurisdiction. Provide barriers in and around excavations and subgrade construction to prevent flooding by runoff of stormwater from heavy rains.

F. Tree and Plant Protection: Comply with requirements specified in ISPWC Section 201 "Clearing and Grubbing and Removal of Obstructions".

G. Tree and Plant Protection: Install temporary fencing located as indicated or outside the drip line of trees to protect vegetation from damage from construction operations. Protect tree root systems from damage, flooding, and erosion.

H. Site Enclosure Fence: Before construction operations begin, furnish and install site enclosure fence in a manner that will prevent people from easily entering site except by entrance gates.

1. Extent of Fence: As required to enclose entire Project site or portion determined sufficient to accommodate construction operations.

2. Maintain security by limiting number of keys and restricting distribution to authorized personnel. Furnish one set of keys to Owner.

I. Security Enclosure and Lockup: Install temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security. Lock entrances at end of each workday.

J. Barricades, Warning Signs, and Lights: Comply with requirements of authorities having jurisdiction for erecting structurally adequate barricades, including warning signs and lighting.

K. Temporary Egress: Maintain temporary egress from existing occupied facilities as indicated and as required by authorities having jurisdiction.

3.5 MOISTURE AND MOLD CONTROL- NOT USED

3.6 OPERATION, TERMINATION, AND REMOVAL

A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.

B. Maintenance: Maintain facilities in good operating condition until removal.

1. Maintain operation of temporary enclosures, heating, cooling, humidity control, ventilation, and similar facilities on a 24-hour basis where required to achieve indicated results and to avoid possibility of damage.

C. Temporary Facility Changeover: Do not change over from using temporary security and protection facilities to permanent facilities until Substantial Completion.

D. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.

1. Materials and facilities that constitute temporary facilities are property of Contractor. Owner reserves right to take possession of Project identification signs.

2. Remove temporary roads and paved areas not intended for or acceptable for integration into permanent construction. Where area is intended for landscape development, remove soil and aggregate fill that do not comply with requirements for fill or subsoil. Remove materials contaminated with road oil, asphalt and other petrochemical compounds, and other substances that might impair growth of plant materials or lawns. Repair or replace street paving, curbs, and sidewalks at temporary entrances, as required by authorities having jurisdiction.

3. At Substantial Completion, repair, renovate, and clean permanent facilities used during construction period. Comply with final cleaning requirements specified in Section 177 "Closeout Procedures."

END OF SECTION 01500

REVISIONS TO THE STANDARD SPECIFICATIONS

SECTION 206 PERMANENT EROSION CONTROL

PART 4 – MEASUREMENT AND PAYMENT

Amend Part 4.1.H. to read:

- H. Loose Riprap: By the cubic yard (CY). Includes riprap and base/bedding material as shown in Project Plans. Also includes full compensation for all materials, labor, and equipment necessary for completing the work and all appurtenances not itemized in the Bid Schedule.

SECTION 301 TRENCH EXCAVATION

PART 1 – GENERAL

Amend Part 1.4 to include the following:

- D. Prior to disposal of waste material, Contractor shall provide a written approval from all property owners/agencies accepting material from the Project and releasing the Owner and Engineer from any responsibility for the material.

Amend Part 1 to include the following:

1.7 PREPARATION

- A. Notify local, state, and federal agencies prior to initiating the work per permit requirements.
- B. Notify adjacent landowners per SP-2101 and SP-2102.
- C. If dewatering is necessary to construction of the Project, verify dewatering system performance in accordance with Section 205 prior to excavation. Continue dewatering until backfilling is completed.
- D. Employ temporary erosion and sedimentation control measures per Section 205, SP-2216, and per applicable State and Federal Permits. Continue measures until work is completed.

PART 3 – WORKMANSHIP

Amend Part 3.1.A to include the following: Trench details shall be as shall be as shown on the Plans.

Amend Part 3.1.D to read:

- D. If the trench bottom is disturbed during excavation, compact to 95% maximum dry density as measured by ASTM D-1557 prior to placement of the bedding or foundation stabilization material. Cut out soft areas not capable of insitu

compaction. Backfill and compact with Type II bedding foundation material per Section 304 and compact to density equal to or greater than the requirements of subsequent backfill material. Soft areas of subgrade resulting from a lack of dewatering shall be corrected at no additional cost to the Owner.

Add Part 3.1.E as below:

- E. Refer to the Plans for approximate location of the existing high pressure gas line, potable water main and services, sanitary sewer mains and services, and underground fiber optic and telecommunication cables. Contractor shall employ protective measures to maintain service. During non-work days, the trench shall be backfilled sufficiently to ensure protection of existing utilities.

Part 3.5.A. shall be modified that the Owner will provide survey control as listed in Division 00810.

SECTION 304 TRENCH FOUNDATION STABILIZATION

PART 2 – MATERIALS

Part 2 shall be amended to include the following:

2.4 GEOTEXTILE

- A. Woven geotextile Type III with 700 lb CBR puncture resistance per ASTM D6241 and 270 lb grab tensile strength per ASTM D4632.

PART 3 – WORKMANSHIP

Part 3.2 shall be amended to include the following:

- C. At the discretion of the Owner's RPR, foundation material shall be placed on the geotextile meeting the requirements of Section 304.2.4. The geotextile shall be placed against the bottom and sides of the over-excavation prior to placing the foundation material. The geotextile shall not be torn, punctured, or noticeably stretched.

SECTION 305 PIPE BEDDING

PART 2 – MATERIALS

Modify Part 2.1.D to require Class B-2 bedding material depth and width placement to conform to the details shown on the Plans.

PART 3 – WORKMANSHIP

Part 3.10 shall be modified to require 95% compaction of the bedding material.

PART 4 – MEASUREMENT AND PAYMENT

No separate measurement or payment will be made for Pipe Bedding and the cost shall be considered incidental to and included in the unit bid price for the related utility mains.

SECTION 306 TRENCH BACKFILL

PART 1 – GENERAL

Part 1 shall be amended to include the following:

1.7 COORDINATION

- A. Notify Local, State and Federal agencies prior to commencing work per permit requirements. Refer to Special Provision SP-2101 for additional requirements and information on minimum required coordination.

PART 2 – MATERIALS

Amend 2.2.A to the following:

- A. Suitable conditioned excavated trench material may be allowed for backfill, and suitability of native excavated material for trench backfill shall be determined by the Owners RPR. Excavated native clay or silty clay soils (CL, CH, GC, SC per USCS) shall not be used as trench backfill.

Amend Part 2.2.B to specify moisture of native backfill materials shall be within -4% to +2% of optimum as determined on the material passing the No.4 sieve or as determined by the Engineer. Materials excavated from below the water table must be adequately conditioned for reuse in trench backfill.

Part 2.3.A shall be amended as follows:

- A. Material to be 6" minus uncrushed aggregate conforming to Section 801 with no more than 5% passing No. 200 sieve.

PART 3 – WORKMANSHIP

Part 3.1 shall be amended to include the following:

- F. Provide access to the trench during construction when required by the Owner's RPR for testing and observation of the work.
- G. Verify fill materials to be reused are acceptable and in accordance with the Contract Documents.

Amend Part 3.2.A to require compaction to at least 95% maximum density as measured by ASTM D-1557 in the case of the trench bottom disturbance.

Amend Part 3.3.B. to include the following:

1. Require 95% compaction (ASTM D-1557) from a point eight feet (8') below subgrade to top of the bedding section.
2. Effort: If densities fail to meet minimum requirements. Provide necessary additional compaction effort until backfill densities meet specified requirements at no additional cost to the Owner.
3. CONTRACTOR shall bear all costs associated with compaction testing and re-testing.
4. Testing frequency shall be as follows:
 - a. Horizontal Location:
Test at start of trench with subsequent tests a maximum of every two hundred fifty (250) feet, and where materials or construction methods change.
 - b. Vertical Location:
At every horizontal location, obtain one test for every two feet (2') one test at the top of the trench, and subsequent test(s) at locations where materials or construction procedures change. Test at additional lift locations as required by the Owner's RPR.

Part 3.3.C.4 shall be amended to read as follows:

- a. Recompect if any test location does not meet compaction requirements set forth in 3.3.B as modified herein.

Amend Part 3 to include the following:

3.8 TESTING FREQUENCY

- A. Compaction testing specified in Section 3.3 above may be increased to 50% of the horizontal testing frequency if the Contractor's backfilling performance is inconsistent in the Engineer's opinion. Contractor is advised that additional testing will be required in any areas that are disturbed after the initial trench backfill or non-compliant work with the specifications as determined by the Engineer.

SECTION 706 OTHER CONCRETE CONSTRUCTION

PART 1 – GENERAL

Amend Part 1.1.A. to read:

- A. Concrete sidewalks, stair steps, integral curbs, sign posts, valley gutters, gutters, parking areas, driveways on a prepared base, and bollards.

PART 4 – MEASUREMENT AND PAYMENT

Amend Part 4.1. to include the following:

- I. Stationary Bollard: By the each (EA). Includes full compensation for all materials, labor, and equipment necessary for completing the work and all appurtenances not itemized in the Bid Schedule.

1. Bid Schedule Payment Reference: SP-706.4.1.I.1.
2. Bid Schedule Description: Stationary Bollard...Each (EA).

SECTION 813 FOG COAT

PART 4 – MEASUREMENT AND PAYMENT

Amend Part 4.1.A. to read:

- A. Fog Coat: By the gallon based on application rates.

Amend Part 4.1.A.2. to read:

2. Bid Schedule Description: Fog Coat...gallon (GAL).

SECTION 1104 PERMANENT PAVEMENT MARKINGS

PART 4 – MEASUREMENT AND PAYMENT

Amend Part 4.1.A. to read:

- A. Pavement Line Paint: By the lump sum (LS). Includes full compensation for all materials, labor, and equipment necessary for completing the work and all appurtenances not itemized in the Bid Schedule. Crosswalks are included in this bid item.

Amend Part 4.1.A.2. to read:

2. Bid Schedule Description: Pavement Line Paint...lump sum (LS).

Amend Part 4.1.B. to read:

- B. Painted Pavement Markings: By the each (EA). Includes full compensation for all materials, labor, and equipment necessary for completing the work and all appurtenances not itemized in the Bid Schedule. Multi-headed arrows shall be measured per arrow. "STOP" shall be measured per word. Handicap symbols shall be per symbol. "H" marking is included in this bid item.

Amend Part 4.1.B.2. to read:

2. Bid Schedule Description: Painted Pavement Marking...each (EA)

**SECTION 1105
PERMANENT TRAFFIC SIGNING**

PART 3 – WORKMANSHIP

Amend Part 3.2 to include the following:

- G. Permanent signing and other road delineator posts shall be retained and protected to the furthest extent possible by the Contractor to perform the work. If signing is impacted from excavation, Contractor shall remove and reset to existing location as indicated on the Plans. All costs associated with this work shall be considered incidental with Section 307 pay items.

PART 4 – MEASUREMENT AND PAYMENT

Amend Part 4.1.A. to read:

- A. Permanent Signing with 8" Dia. Bollard: By the each of sign and bollard assembly. Includes full compensation for all materials, labor, and equipment necessary for completing the work and all appurtenances not itemized in the Bid Schedule.

Amend Part 4.1.B.2. to read:

- 2. Bid Schedule Description: Permanent Sign with 8" Dia. Bollard...each (EA).

**SECTION 2010
MOBILIZATION**

PART 4 – MEASUREMENT AND PAYMENT

Amend Part 4.1.A. to read:

- A. Mobilization: By the lump sum. Payment of mobilization is as follows: 1) 50% of the contract unit price will be paid on the first monthly pay application. 2) The remaining 50% of the contract unit price will be paid out on the last pay application.

**SECTION 2020
SURVEY MONUMENTS**

PART 1 – GENERAL

Amend Part 1.1 to include:

- B. Contractor to perform a search of monuments, whether they are visible or not, that are anticipated to be disturbed during construction. The Contractor is to ensure that all monuments, which may be disturbed during construction, have been referenced.

SPECIAL PROVISIONS

SP – 1010 SUMMARY OF WORK

PART 1 – GENERAL

1.1. SECTION INCLUDES

- A. General description of the work.
- B. Contractor use of site and premises.
- C. Work Sequence.
- D. Public Safety and Convenience.
- E. Owner occupancy.
- F. Applicable standards.
- G. Regulatory Requirements and permits.

1.2. GENERAL DESCRIPTION OF WORK

- A. The North Beach Redesign project goal is to enhance the traffic flow around the west entrance of Bear Lake State Park - North Beach. It includes crumbling pavement replacement, storm drain improvements, helicopter pad striping, and other related and miscellaneous work.

1.3. CONTRACTOR USE OF SITE AND PREMISES

- A. Limit use of site and premises to:
 - 1. Allow work by others and work by Owner, if necessary.
 - 2. Limit service disruptions.
- B. Construction operations are limited to rights-of-way as shown on the Plans or other private lands secured by the Contractor directly.
- C. Time Restrictions for Performing Work. Work shall be restricted to the days and hours specified in Document 00810, Supplementary General Conditions, unless authorized by the Engineer and Owner. No work shall be performed on weekends unless authorized by the Engineer and Owner.

1.4. WORK SEQUENCE

- A. A detailed work sequence or phasing plan shall be submitted at the Preconstruction Meeting for the Engineer's review. It shall take into consideration as a minimum: coordination with Owner and other applicable permitting agencies, traffic control, pedestrian control, permit timeline limitations and milestones, access to and from private

properties, service disruptions, solid waste collection, and multiple work tasks. Refer to SP-2101 and SP-2102 for additional requirements.

1.5. PUBLIC SAFETY AND CONVENIENCE

- A. The Contractor, at all times, must consider the effect construction has on public safety and take action and consider all options possible to assure the least possible obstruction to traffic and pedestrians.
- B. Convenience and protection of the general public and personal property shall be of prime importance and shall be provided for by the Contractor in an adequate and satisfactory manner.

1.6. OWNER OCCUPANCY

- A. Refer to General Conditions for requirements.

1.7. APPLICABLE STANDARDS

- A. Comply with all applicable local, state, and federal standard codes and regulations.
- B. Comply with the requirements of any other necessary permits.

1.8. REGULATORY REQUIREMENTS AND PERMITS

- A. Comply with all Federal, State, and local laws, regulations, and ordinances applicable to the work.
- B. References in the Contract Documents to local codes shall mean the codes in effect in Bear Lake County, the Idaho Standards for Public Works Construction and the County's revisions thereto, as well as the Idaho Department of Environmental Quality requirements.
- C. Contractor shall apply for and execute all permits applicable to the Work.
- D. Contractor shall be responsible for obtaining all necessary local, State, and Federal permits required for stormwater pollution prevention as a result of construction activities. Refer to SP-2216 for additional details.
- E. Contractor shall obtain a Short-Term Activity Exemption from IDEQ if it is necessary to discharge water off-site to State waters as a result of dewatering or other construction activities.

PART 2 – MATERIALS

Not used.

PART 3 – WORKMANSHIP

Not used.

END OF SECTION

**SP – 1300
SUBMITTALS**

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Submittal procedures
- B. Substitutions
- C. Construction progress schedules
- D. Proposed products list
- E. Shop drawings
- F. Product data
- G. Samples
- H. Manufacturers' instructions
- I. Manufacturers' certificates
- J. Construction photographs
- K. Record drawings

1.2 RELATED SECTIONS

- A. SP – 1400 – Quality Control: Manufacturers' field services and reports

1.3 SUBMITTAL PROCEDURES

- A. Electronically transmit each submittal containing all pertinent information required for identification and checking of submittals.
- B. Sequentially number the transmittal forms. Resubmittals to have original number with an alphabetic suffix.
- C. Identify Project, Contractor, Subcontractor or supplier; pertinent Drawing sheet and detail number(s), and specification Section number, as appropriate.
- D. Apply Contractor's stamp, signed or initialed certifying that review, verification of Products required, field dimensions, adjacent construction Work, and coordination of information, is in accordance with the requirements of the Work and Contract Documents.
- E. Schedule submittals to expedite the Project. Coordinate and group submission of related items.

- F. Identify variations from Contract Documents and Product or system limitations which may be detrimental to successful performance of the completed Work.
- G. Provide space for Contractor and Engineer review stamps.
- H. Revise and resubmit submittals as required, identify all changes made since previous submittal.
- I. Distribute copies of reviewed submittals to concerned parties. Instruct parties to promptly report any inability to comply with provisions.
- J. Maintain a submittal log for the duration of the project including status of all submittals at all times. Make log available to Engineering/Architect upon request.

1.4 SUBSTITUTIONS

- A. Engineer will consider requests for Substitutions only within 15 days after date of Owner-Contractor Agreement.
- B. Substitutions may be considered when a product becomes unavailable through no fault of the Contractor.
- C. Document each request with complete data substantiating compliance of proposed Substitution with Contract Documents.
- D. A request constitutes a representation that the Contractor:
 - 1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
 - 2. Will provide the same warranty for the Substitution as for the specified product.
 - 3. Will coordinate installation and make changes to other Work which may be required for the Work to be complete with no additional cost to Owner.
 - 4. Waives claims for additional costs or time extension which may subsequently become apparent.
 - 5. Will reimburse Owner for review or redesign services associated with re-approval by authorities.
- E. Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals, without separate written request, or when acceptance will require revision to the Contract Documents.
- F. Substitution Submittal Procedure:
 - 1. Submit a formal request for Substitution for consideration. Limit each request to one proposed Substitution.
 - 2. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence.
 - 3. The Engineer will notify Contractor, in writing, of decision to accept or reject request.

1.5 CONSTRUCTION PROGRESS SCHEDULES

- A. Submit initial progress schedule at the project pre-construction meeting. Submit the quantity that the Contractor requires plus three copies that will be retained by the Engineer. The initial schedule shall meet the requirements of Item E below. Work shall not begin until the schedule has been approved by the Engineer.
- B. Revise and resubmit as required.
- C. Submit revised schedules at each Progress Meeting identifying changes since previous version. Provide a three (3) week look-ahead schedule showing work to be accomplished in the three (3) weeks following the meeting. In the case where the Contractor has fallen behind the previous schedule, show how the execution of work will change to achieve schedule compliance. This may include, but is not limited to: self-acceleration through working weekends; adding labor and equipment, extending work hours of construction (within contractual limits); or other methods identified by the Contractor.
- D. Submit a horizontal bar chart with separate line for each major section of Work or operation, identifying first work day of each week. No work task shall have a duration greater than 5 days.
- E. Show complete sequence of construction by activity, identifying Work of separate stages and other logically grouped activities. Indicate the early and late start, early and late finish, float dates, critical path and duration.
- F. Indicate estimated percentage of completion for each item of Work at each submission.
- G. Indicate submittal dates required for shop drawings, product data, samples, and product delivery dates, including those furnished by Owner and under Allowances.

1.6 PROPOSED PRODUCTS LIST

- A. Within 15 days after date of Notice to Proceed, compile and submit complete list of major products proposed for use, with name of manufacturer, trade name, and model number of each product. Include a list of Contractor and shop drawings anticipated and a schedule for submitting and completing the work.
- B. For products specified only by reference standards, give manufacturer, trade name, model or catalog designation, and reference standards.
- C. Where contents of manufacturers submitted literature includes data not pertinent to the submittal, clearly indicate which portion of the contents is being submitted for review.

1.7 SHOP DRAWINGS

- A. Submit electronically and, if requested, submit the number of opaque reproductions which Contractor requires, plus three copies which will be retained by Engineer.

- B. After review distribute in accordance with Article on Procedures above and for Record Document submittal at project close-out.

1.8 PRODUCT DATA

- A. Submit electronically and, if requested, submit the number of copies which the Contractor requires, plus three (3) copies which will be retained by the Engineer.
- B. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information unique to this Project.
- C. After review, distribute in accordance with Article on Procedures above and provide copies for Record Document submittal at project close-out.
- D. Arrangements for taking samples to be tested at Contractor's expense shall be coordinated by the Contractor and approved by the Engineer.

1.9 SAMPLES

- A. Submitted samples shall be of the precise product proposed to be furnished.
- B. Include identification on each sample, with full Project information.
- C. Submit the number or samples specified in individual specification Sections; one of which will be retained by Engineer.
- D. Reviewed samples which may be used in the Work are indicated in individual specification Sections.

1.10 MANUFACTURER'S INSTRUCTIONS

- A. When specified in individual specification Sections, submit manufacturers' printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing, in quantities specified for Product Data.
- B. Identify conflicts between manufacturers' instructions and Contract Documents.

1.11 MANUFACTURER'S CERTIFICATES

- A. When specified in individual specification Sections, submit manufacturers' certificate to Engineer for review, in quantities specified for Product Data.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or Product, but must be acceptable to Engineer.

PART 2 – PRODUCTS

Not used.

PART 3 – EXECUTION

Not used.

END OF SECTION

SP – 1400
QUALITY CONTROL

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Quality assurance and control of installation
- B. References
- C. Construction Observation and testing laboratory services
- D. Manufacturers' field services and reports

1.2 RELATED SECTIONS

- A. SP - 1300 - Submittals: Submission of Manufacturers' Instructions and Certificates

1.3 QUALITY ASSURANCE/CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.
- B. Comply fully with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instructions conflict with Contract Documents, request clarification from Engineer before proceeding.
- D. Comply with specified standards as a minimum quality for the Work except when more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Perform work by persons qualified to produce workmanship of specified quality.
- F. Secure Products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion or disfigurement.

1.4 REFERENCES

- A. Conform to reference standard by date of issue current on date of Contract Documents.
- B. Should specified reference standards conflict with Contract Documents, request clarification from Engineer before proceeding.
- C. The contractual relationship of the parties to the Contract shall not be altered from the Contract Documents by mention or inference otherwise in any reference document.

1.5 CONSTRUCTION OBSERVATION AND TESTING LABORATORY SERVICES

- A. The Owner shall employ and pay for engineering and observation during construction for quality assurance. Contractor shall employ and pay for services of an independent testing laboratory and firm acceptable to the Owner for quality control.
- B. The Owner's RPR or project inspector shall oversee observation of all tests run in the field. Contractor shall coordinate all required testing with the Owner's RPR.
- C. The Contractor shall be responsible for providing the equipment and manpower to assist the Owner's RPR or project inspector in taking additional tests for quality assurance.
- D. The Contractor shall provide the equipment and manpower and conduct all tests on underground utilities as required in the specifications at his expense.
- E. The Contractor shall notify the Owner's RPR or project inspector of the time in which tests are to be run twenty-four (24) hours prior to testing.
- F. Reports will be submitted to the Owner's RPR, in duplicate, indicating observations and results of tests and indicating compliance or non-compliance with Contract Documents.
- G. Cooperate with the Owner's RPR; furnish samples of materials, mix designs, equipment, tools, storage, and assistance as requested.
 - 1. Notify Engineer and independent firm 24 hours prior to expected time for operations requiring services.
 - 2. Make arrangements with independent firm and pay for additional samples and tests required for Contractor's use.
- H. Retesting required because of non-conformance to specified requirements shall be performed by the same independent firm at no cost to the Owner on instructions by the Owner's Representative. Reference to original failing test shall be referenced.

1.6 MANUFACTURERS' FIELD SERVICES AND REPORTS

- A. When specified in individual specification Sections, require material or Product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, as applicable, and to initiate instructions when necessary.
- B. Individuals to report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.
- C. Submit report within 10 days of observation to Owner's RPR for review.

PART 2 – PRODUCTS

Not used.

PART 3 – EXECUTION

Not used.

END OF SECTION

SP-2101
CONSTRUCTION STAGING, PHASING, AND SCHEDULING

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. All necessary labor, equipment, and materials required to provide construction phasing, staging and scheduling.

PART 2 – MATERIALS

NOT USED

PART 3 – WORKMANSHIP

3.1 STAGING

- A. No construction staging areas have been secured for construction of this project. The Contractor is responsible to secure all necessary staging areas for construction. Stockpiling of materials within the public rights-of-way will not be allowed without approval from Bear Lake County.

3.2 PHASING

- A. Organize and schedule the work to meet the schedule limitations and overall time for completion. Submit a detailed project phasing plan for approval showing work areas, street or intersection traffic control or restrictions for each stage of the work at the Preconstruction Conference. Update the project phasing plan for each stage of the work and resubmit if schedule or sequence changes after the start of construction.
- B. Comply with Bear Lake County for impacts to their roadway system and obtain necessary permits prior to construction. Submit traffic control plans per Section 1103.
- C. The Owner and jurisdictional authority must be given ten (10) working day notice for any road or intersection closure or restriction. Comply with notification of the agencies per the permit requirements referenced in the Appendices.
- D. Access to and properties adjacent to the project must be provided for at all times unless written agreements are reached with the individual property owners and other access accommodations are made or unless otherwise indicated in the Contract Documents.
- E. Allow access for pedestrians to safely circulate around the project site in accordance with the MUTCD. Provide clear signage for pedestrian information about established pathways.
- F. Allow access for agencies and utilities to operate and maintain their improvements within and outside the project area.
- G. The Owner reserves the right to make use of any portion of the Work prior to completion of the entire contract without invalidating the Contract and without

constituting acceptance of any of the Work. Contractor shall cooperate, schedule, and coordinate all activities and minimize conflicts with Owner.

3.3 SCHEDULE

- A. Prepare a CPM schedule for the entire project and submit schedule to the Owner's RPR two (2) working days prior to the preconstruction conference.
- B. The schedule shall include start date, completion date, days for completion, float, and time restrictions as stated herein. At a minimum, the following major items of Work shall be included on the schedule: mobilization, public notification and access disruption, agency permit notifications and milestones, construction traffic control, testing, coordination, and surface restoration.
- C. Provide a detailed week behind and three (3) weeks ahead of schedule at each progress meeting.
- D. Provide an updated schedule along with monthly requests for payments. The updated schedule shall include the original schedule; actual completion to date for work completed, and anticipated completion dates for remaining work. If completion of work is behind the Contractor's original schedule, as modified by any approved changes in the contract time, provide a revised schedule and documentation of resources to be used to meet the contract times. Requests for payment will not be processed and will be returned to the Contractor unless the request is accompanied by an updated schedule, and if required, a revised schedule and documentation of resources.

PART 4 – MEASUREMENT AND PAYMENT

- 4.1 There shall be no measurement or payment for Construction Staging, Phasing, and Scheduling, and the cost shall be incidental to and included in the unit bid prices for the respective utility replacement items listed on the Bid Schedule.

END OF SECTION

SP-2102
CONSTRUCTION COORDINATION

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. All necessary labor, equipment, and materials required for providing coordination of construction activities with residents, utilities, local agencies.

1.2 NEIGHBORHOOD CONSIDERATIONS

- A. This project will be constructed adjacent to and near residential homes. The Contractor shall conduct work so as to minimize disturbance to local residences.

PART 2 – MATERIALS

NOT USED

PART 3 – WORKMANSHIP

3.1. STAGING

- A. No construction staging areas have been secured for construction of this project. The Contractor is responsible to secure all necessary staging areas and temporary construction access necessary for construction of the project. Stockpiling of materials within the public or private rights-of-way will not be allowed without approval from the County or landowner.

3.2. PRE-BID CONFERENCE

- A. A pre-bid may be held if indicated on the Instructions to Bidders.

3.3. PRE-CONSTRUCTION CONFERENCE

- A. Owner will schedule conference after Notice to Proceed.
- B. Attendance Required: Owner's RPR and Project Inspector, Engineer, Contractor and Subcontractors, and agencies.
- C. Agenda to include:
 - 1. Distribution of Contract Documents.
 - 2. Submission of list of Subcontractors, (not listed in Bid) list of Products, (not listed in Bid) schedule of values, and progress schedule.
 - 3. Submittal Format.
 - 4. Designation of personnel representing the parties in Contract, and the Engineer.
 - 5. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, change orders, and contract closeout procedures.

6. Permit conditions for construction dewatering permitting, if necessary, and stormwater management and compliance monitoring.
7. Other project permits and license agreements listed and/or provided in the Project Manual.
8. Project scheduling, phasing, and coordination.
9. Traffic control and road closure plan notifications.

3.4. BI-WEEKLY PROJECT STATUS MEETINGS

- A. Conduct bi-weekly construction progress meetings and prepare meeting agenda and minutes. Attendance Required: Job superintendent, Subcontractors, and suppliers, as requested by Engineer, or Owner, as appropriate to agenda topics for each meeting.
- B. Maintain up-to-date Record Drawings of the construction including: variances from the design grade and alignment, limits of backfill types, location and depth of underground utilities, and any other sub-surface features or conditions including the limits and depths. Record Drawings shall be updated daily during construction and shall be reviewed by the Owners RPR at the project status meeting.
- C. Provide a detailed week behind and two-week ahead of schedule at each weekly progress meeting.
- D. Agenda:
 1. Review minutes of previous meetings.
 2. Review of Work progress.
 3. Field observations, problems, and decisions.
 4. Identification of problems, which impede planned progress.
 5. Review of submittal schedule and status of submittals.
 6. Maintenance of progress schedule.
 7. Corrective measures to regain projected schedules.
 8. Planned progress during succeeding work period.
 9. Coordination of projected progress and other Contractors mobilized under separate contracts with the Owner.
 10. Maintenance of quality and work standards.
 11. Review of cleanup, restoration, and ESC permit requirements.
 12. Other agency permit conditions and compliance.
 13. Effect of proposed changes on progress schedule and coordination.
 14. Other business relating to Work.
 15. Landowner and Business Complaints.

3.5. GENERAL SERVICES AND ACCESS COORDINATION

- A. Coordinate construction activities to minimize disruption of services. Attend and participate in a services coordination meeting at the start of construction and as required during construction to resolve service issues.
- B. Coordinate work by other Contractors employed under separate contract with the Owner and who may be mobilized adjacent to the site on the project site.

- C. Emergency services (Police, Fire, & Paramedic) access shall be provided at all times during construction. Coordinate with these agencies on a weekly basis as to status of project, access, and special concerns.
- D. Provide uninterrupted solid waste service to all properties during construction. If the Contractor's operation prevents access to properties for solid waste pick-up, move individual solid waste containers, bags and other items accepted by the solid waste hauler to an accessible location. The containers shall be returned to the households after pick-up. Prevent damage or loss of containers and replace containers that are damaged or lost.
- E. Safe vehicular and pedestrian access shall be maintained at all times to all properties abutting the project and maintenance access to governing irrigation and drainage authorities. Local access to the properties immediately adjacent to the project area shall be maintained at all times during the project, except when work is being performed immediately in front of a property's access. When access will be restricted, notify the property owner 48 hours (2 working days) in advance and arrange for alternate parking (on or off street) within 100' of the property. Access restrictions shall be limited to work hours only, except during placement of concrete curb, gutter, or approaches. All signage shall be in accordance with ISPWC Section 1103, Construction Traffic Control, or as required by applicable permits.

3.5 COORDINATION WITH UTILITIES

- A. Utility information is shown only for surface features and if provided by the owner of the utility, for non-surface features. The information shown in the Plans is for reference purposes only and does not necessarily represent actual field conditions. The Engineer assumes no liability for the accuracy of the information shown, or conflicts due to inaccurate or incomplete utility information. Call Dig Line (811) a minimum of 48 hours (2 working days) prior to any excavation to request utility locations.

3.6 RESIDENT/BUSINESS COORDINATION

- A. Contractor shall have primary responsibility for coordination with landowners, residents, and business.
- B. Provide and distribute door hangers to all affected residences two weeks prior to construction. Information shall include a brief description of work, anticipated time frame, project phasing points, traffic impacts, Contractor contact information, how services will be maintained and any additional information on minimizing construction impacts.
- C. The Contractor must allow for access to businesses and residences during construction. If access to a residence or business must be impacted, the Contractor shall provide forty-eight (48) and twenty-four (24) hour notice to impacted residences prior to the beginning the construction activities. In addition, the Contractor shall:
 - 1. Limit the impact to a maximum of eight (8) hours for residences and primary access shall remain unobstructed until alternative temporary access is provided by the Contractor and agreed upon by the landowner. Restoration of the original access points shall be completed no later than eight (8) hours from

when work initiated. Temporary surfacing shall be provided and maintained as acceptable to the landowner.

- D. Notification of planned service disruptions (other utilities such as water, gas, or pressure irrigation main or service shutdowns, etc.) shall be made to residents 48 hours in advance and shall include the extent and type of service disruption, Contractor's contact name and phone number, and date and time of disruption, and duration of any outages proposed by Contractor.

PART 4 – MEASUREMENT AND PAYMENT

- 4.1 There shall be no measurement or payment for this item. This item includes all necessary work to complete Construction Coordination in accordance with the Contract Documents. Payment, including full compensation for providing materials, labor, tools, and equipment necessary to complete the work, shall be considered incidental to other Bid Items.

END OF SECTION

**SP-2041
RELOCATE FENCE**

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. This item consists of all necessary work items required to remove and relocate fence as indicated on the Plans to accommodate the Work.

1.2 COORDINATION

- A. Coordinate with facility owner to remove and relocate fence as called out on the Plans, Bid Schedule, and/or required for the Work. Provide temporary services as needed to accommodate the work and maintain service to a level pre-existent to construction.

PART 2 – MATERIALS

2.1 MISCELLANEOUS MATERIALS

- A. Existing signs, supports, hardware, posts, utilities, and related items shall be reused unless damaged or specifically called out on the Plans for replacement. If materials are damaged during this Work, they shall be replaced in-kind at Contractor's expense.

2.2 LANDSCAPING MATERIALS

- A. Meet with Owner to determine materials that can be removed and reset, and other materials that will need replacement. If existing materials are damaged during removal, the Contractor shall replace to pre-construction conditions or better.

PART 3 – WORKMANSHIP

3.1 PROTECTION

- A. Satisfactorily restore any damage to existing facilities which are to remain resulting from the carelessness or negligence of the Contractor to their original condition at the Contractor's expense.

3.3 MISCELLANEOUS ITEMS AND MATERIALS

- A. Exercise care in the relocation of miscellaneous items to avoid damage and minimize disturbance to adjacent areas.
- B. Remove, transport, and place items in temporary site provided by the Contractor or an on-site location.
- C. Upon completion of the other work items, relocate items to their original position prior to construction or to a position outside the right-of-way and restore all surfacing impacted during relocation to condition existent prior to initiating the work.

- D. Miscellaneous items such as signs, posts, etc. that must be removed and reset that are not specifically listed on the Bid Schedule, shall be considered incidental to other bid items.

PART 4 – MEASUREMENT AND PAYMENT

- 4.1 The following shall be utilized for measurement and payment for the below Bid Items. If items are not specifically listed in the Bid Schedule, they are to be considered incidental to other Bid Items.
 - A. Relocate Fence: Measurement for this bid item shall be on a linear foot basis, as shown on the plans and listed in the bid schedule. Payment shall include full compensation for all materials, labor, equipment, removal, resetting, and all other necessary items required for completing the work as itemized in the Bid Schedule.
 - 1. Bid Schedule Payment Reference: SP-2041.4.1.A.1
 - 2. Bid Schedule Description: Relocate Fence.....linear foot (LF).

END OF SECTION

END OF DIVISION 00820