PROJECT NO. 57-19-001

J-U-B ENGINEERS, INC.

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90% MILESTONE

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GENERAL NOTES

1. Cache County and the Engineer make no representations other than the scope of work for the Contractor to complete all necessary permits and business licenses prior to construction.

2. Contractor is responsible for right alignment and any utility issues related to right of way which may be caused by this project.

3. All work done within a public right-of-way shall be coordinated with the appropriate transportation agency and shall meet the requirements of that agency and in particular requirements of any maintainance special use permit or other permit. All work shall meet current utilities requirements.

4. Where work is performed on easements, the Contractor shall take every precaution to eliminate any adverse effects on the adjacent property and/or to restore it to its original condition.

5. All demands and data shall be checked by the Contractor prior to the start of construction. In case of conflict the Engineer shall be notified immediately so that clarification may be made prior to the start of the work.

6. The Contractor shall assume responsibility for secure and pay for directly any and all temporary utility supplies (except water, power, and telephone) which may be required for protection of the work. The cost of such utilities shall be included in the bid and the amount included in the bid shall be determined by the Engineer.

7. Should construction be halted because of inclement weather conditions, the Contractor will completely clean up all areas and maintain the surface in good condition during the shutdown period.

8. The Contractor's personnel, equipment, and operations shall comply with all applicable standards, regulations, and requirements of the local, state, and federal government agencies.

9. Contractor shall be responsible for obtaining all local, state, and federal permits required for storm water pollution prevention as a result of construction activities. When called for in the contract documents, Contractor shall prepare a storm water pollution prevention plan for approval by the Engineer and for submittal to the local governing authority. The plan will designate those areas where construction shall be declared, the more, Contractor shall file a notice of intent for permit coverage under the states storm water general permit for construction activities (UWS000000) and pay all associated fees. This data may be obtained electronically at the following website:

http://www.deq.idaho.gov/permitting/multi渔业/permits/permits.htm

Any delays on the line for notice of intent under the general construction permits once the NWP is completed will result in the access storm water permits being pulled at the same rate of speed. The Contractor does not submit Contractor's permit for compliance with other regulations or contract requirements regarding storm water pollution prevention. Failure to do so within the period of time permitted by the Engineer will result in the Contractor's project being put on hold until such time as the necessary permits are obtained. Full compliance is required. The Contractor shall control, etc.

10. Contractor shall locate and protect all existing utilities and be responsible for damages to existing utilities and existing improvements as a result of the Contractor's construction activities.

EXISTING UTILITIES

1. Appropriate locations of utilities are marked on the plans that are to be used for general information only. It is the responsibility of the Contractor to verify the appropriate utility company (UWS000000) which may be affected by construction. When making any changes in or around underground members, Contractor shall coordinate with the appropriate utility company. Contractor shall also be responsible for the coordination of the marking of underground member utilities.

CONTACT PHONE NUMBERS

Josh Hurstman 435-738-6140 Cache County Project Manager
Jan Murray 435-713-2214 J-U-B Project Manager
Joe Koppenhaver 435-713-2214 J-U-B Project Engineer

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU BIL, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

MILESTONE

J-U-B ENGINEERS, INC.
Box 509
1447 East 100 West
St George, Utah 84770
(435) 675-9999
(800) 397-0999
Fax (435) 675-7070
www.jube.com

CALL BEFORE YOU DIG

- 1-811-

NEVER ASSUME THE LOCATION OF UNDERGROUND UTILITIES.

G-002
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1. SUMMARY AND GENERAL NOTES
2. DESIGN DATA
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DESIGN DATA
PRECAST WORK ONLY. NO DESIGN CHECKS PERFORMED.

STRUCTURAL CONCRETE
ALL LOCATIONS UNLESS INDICATED OTHERWISE: 140pcffc = 6.0ksi n = B CLASS AARAC
STRUCTURAL CONCRETE - PRECAST
140pcffc = 6.0ksi n = B CLASS AARAC

REINFORCING STEEL
ALL LOCATIONS UNLESS INDICATED OTHERWISE: 51 = 60ksi

GENERAL NOTES
1. USE COATED DEFORMED CARBON STEEL BARS CONFORMING TO AASHTO M111 OR
SHEET METAL; AND ADHERE TO GRADE 60, UNLESS SHOWN OTHERWISE.
2. PROVIDE EXPOSED CONCRETE CORNERS 3/4 INCH UNLESS SHOWN OTHERWISE.
3. PROVIDE 2 INCH MINIMUM CONCRETE COVER TO REINFORCING STEEL UNLESS SHOWN OTHERWISE.
4. VERIFY UTILITY LOCATIONS BEFORE CONSTRUCTION, PROTECT EXISTING UTILITIES IN
PLACE UNLESS SHOWN OTHERWISE.
5. USE REDUCED FLOW PUMPING PUMP THAT IS DAMAGED OR REMOVED DURING WORK ON STRUCTURE, UNLESS EXISTING PUMP AND CONFIGURATIONS DO NOT
GO IN IN PART ON STRUCTURES.
6. DIMENSIONS SHOWN ARE BASED ON AS BUILT DRAWINGS AND SITE SURVEY VERIFY
ALL Dimensions, Centers, Orientation of Wires or Components Required
FOR PRECISION. COMPLETE VERIFICATION BEFORE BEGINNING CONSTRUCTION.
7. DO NOT SCALE DRAWINGS. HORIZONTAL DIMENSIONS ARE Exact, VERTICAL
DIMENSIONS ARE FLUID.
005031F PLAN

27'-0" LIMITS OF MICRO-DEBOLISH, CLASS B. STRUCTURAL CONCRETE (LS), AND THIN BONDED POLYMER OVERLAY, TYPE I

25'-0" LIMITS OF STRIP SEAL EXPANSION JOINT MODIFICATION AND BRIDGE DECK JOINT CLOSURE

9'-0" LIMITS OF PARQUET REPAIR (LIMITS ARE FOR SOUNDING, SEE QUANTITY TABLE ON S-101 FOR ESTIMATED QUANTITY)

2'-0" LIMITS OF PAVEMENT REPAIR

6'-0" LIMITS OF PAVEMENT REPAIR

2'-0" LIMITS OF PAVEMENT REPAIR

RED AND PHONE LINE (CENTURYLINK) PROTECT IN PLACE

DOMESTIC WATER LINE (CENTURYLINK WATER) PROTECT IN PLACE

187'-10" LIMITS OF PARQUET REPAIR (LIMITS ARE FOR SOUNDING, SEE QUANTITY TABLE ON S-101 FOR ESTIMATED QUANTITY)
TYPICAL HYDRO-DEMOLITION CLASS A SECTION

LIMITS OF HYDRO-DEMOLITION

STRUCTURAL CONCRETE (LS)
RE-ESTABLISHED DECK SURFACE
ORIGINAL DECK SURFACE

EXISTING DECK

3 1/2" MIN. REMOVAL

3 3/4" MIN. REMOVAL

TYPICAL HYDRO-DEMOLITION CLASS B SECTION

LIMITS OF HYDRO-DEMOLITION

STRUCTURAL CONCRETE (LS)
RE-ESTABLISHED DECK SURFACE
ORIGINAL DECK SURFACE

EXISTING DECK

EXISTING DECK

PARAPET REPAIR SECTION

EXISTING SURFACE REMOVED
INDEX OF REMOVED CONCRETE

REPLACE ANY BROKEN BARS WITH THE SAME REBAR, DRILL AND EPOXY AND EXISTING ASHES IN THE SAME LOCATION. CONTACT ENGINEER IF LENGTHER CAN'T BE ACHIEVED.

RE-ESTABLISH PARAPET FACE TOP

EXISTING DECK

NOTES:

1. DETAILS SHOWN ARE SCHEMATIC IN NATURE AND SHOWN FOR ILLUSTRATIVE PURPOSES AND DO NOT REPRESENT ACTUAL CONDITIONS.
2. KEEP THE EXPOSED REINFORCING STEEL AND CONCRETE SURFACE CLEAN OF ALL DIRT, DUST, ETC. UNTIL NEW CONCRETE HAS BEEN PLACED.
3. CONTACT THE ENGINEER IF THE TOP WAT OF REINFORCEMENT IS NOT ENCOUNTERED WITHIN THE DEPTH SHOWN. ADDITIONAL REMOVAL BY HYDRO METHODS MAY BE REQUIRED.
EXPECTED DELAMINATION REPAIR

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REPAIR DETAIL
DISPERSION SHOWN: BENT CAP SIMILAR

NOTES:
1. DETAILS SHOWN ARE COMMON TO NATURE, EXACT LOCATION MAY VARY BASED ON ACTUAL CONDITIONS.
2. EXCESS INJECTION OF ISOLATED CRACKS IS NOT RECOMMENDED.
SECTION B

PLAN

SECTION A

STRIP SEAL EXPANSION JOINT REMOVAL

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