

Blaine House & Parking Garage Driveway Reconstruction Project

Addendum No. 1

September 2, 2015

GENERAL

1. All Contractor questions due to BGS no later than Tuesday, September 8, 2015 at 5:00pm. Direct questions in writing to Valerie Chiang at valerie.chiang@maine.gov
2. REVISED BID DUE DATE: **Tuesday, September 15, 2015 at 2:00pm.**
3. CLARIFICATION: Contractor responsible for removal of all waste materials to an off-site location. Dispose of materials lawfully. Maintain project site free of waste materials and debris.
4. CLARIFICATION: Base Bid – remove brick edging at edge of existing pavement to Blaine House. New Pavement to extend to Blaine House and/or granite step at base of porch. Pavement to ramp up to align with top of basement steps and flare out for smooth transition to adjacent pavement.
5. CLARIFICATION: Base Bid – Contractor to comply with City of Augusta Excavation & Street Opening Policy when connecting the new 8” storm drain into the existing 60” RCP storm drain in Chamberlain Street. Close off Chamberlain Street from Capitol Street to Wade Street at the appropriate time. Provide proper traffic control to allow continued access to the bank from Chamberlain Street.
6. Mandatory Pre-bid Sign-In Sheet has been attached at the end of this addendum.

SPECIFICATIONS

Specification Section 28 05 13 “Conductors and Cables for Electronic Safety and Security”

1. ADD Specification section 28 05 13 in its entirety.

DRAWINGS

Drawing 1 of 2

1. Alternate #2: DELETE notes at brick sidewalk along Capitol Street that read “Alt. #2 – Remove sidewalk bricks and base gravel as necessary for driveway reconstruction” and “Alt. #2 – Install base gravel (see new pavement cross-section detail) and reinstall sidewalk bricks”

New pavement and base gravel to end at edge of brick sidewalk along fence line. Repair/rebuild any brick disturbed by construction activities.

2. Notes: DELETE note #5 in its entirety. There will be no work done on Capitol Street.

Drawing 2 of 2

1. Location of Owner Required Utility Trench & Gate Sensor Loops: ADD scope of work to Contract Documents. Owner will not be performing the installation of the conduits, cables, or gate operator system.
2. ADD Reference sketch showing Proposed J-box & Conduit Runs.

END OF ADDENDUM No. 1

SECTION 28 05 13

CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Gate security and communications conduit and cable.
 - 2. Gate operator components

PART 2 – PRODUCTS

2.1 CONDUIT AND CABLE

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Conduit – no manufacturer preference
 - 2. Service Cabinets – no manufacturer preference
 - a. Hinged non-metal weatherproof junction box
 - 3. AC – no manufacturer preference
 - a. BGS Electrical requests **stranded** conductors, no solid conductors
 - 4. Card Readers – no manufacturer preference
 - a. 22/6 3 Pairs, OAS strand
 - 5. AiPhone Intercom
 - a. AiPhone 871702 – 18/2 Low capacitance 11.05 pf/ft 6.39 Ohms
 - b. Manufacturer's substitution only
 - 6. Gate Operator System
 - a. Door King wiring provided by gate company

2.2 GATE OPERATOR COMPONENTS

- A. Manufacturers:
 - 1. Door King
- B. Products:
 - 1. One pair 6002 swing operators
 - 2. One 4302 control in deluxe panel
 - 3. One photo-eye safety
 - 4. Two underground loops

2.3 INSTALLATION

- A. Gate Operator Authorized Dealers and Installers:
 - 1. Parker Fence
442 Main Street
Groveland, MA 01834
978-521-5333
 - 2. Pro-Tech Security
3164 Camden Road
Warren, ME 04864
207-594-9007
 - 3. Allenfarm Fence Co.
18 Autocar Lane
Hermon, ME 04401
207-848-0770

- B. Before Excavation:
 - 1. BEFORE work begins that may impact any cabling, insure all associated systems have been properly shut down to avoid destruction of sensitive circuits and controls. Coordinate with Owner as necessary.
 - 2. Disconnect the follow wiring in the Staff House:
 - a. Card readers from PCSC panel (Honeywell)
 - b. Turn off AiPhone system in Blaine House and cut cable
 - c. Disconnect all cabling to Door King controller
 - d. Turn off and disconnect AC to light post
 - e. Turn off and disconnect AC to receptacle on south side of gate
 - 3. Disconnect cabling at devices affected by the excavation

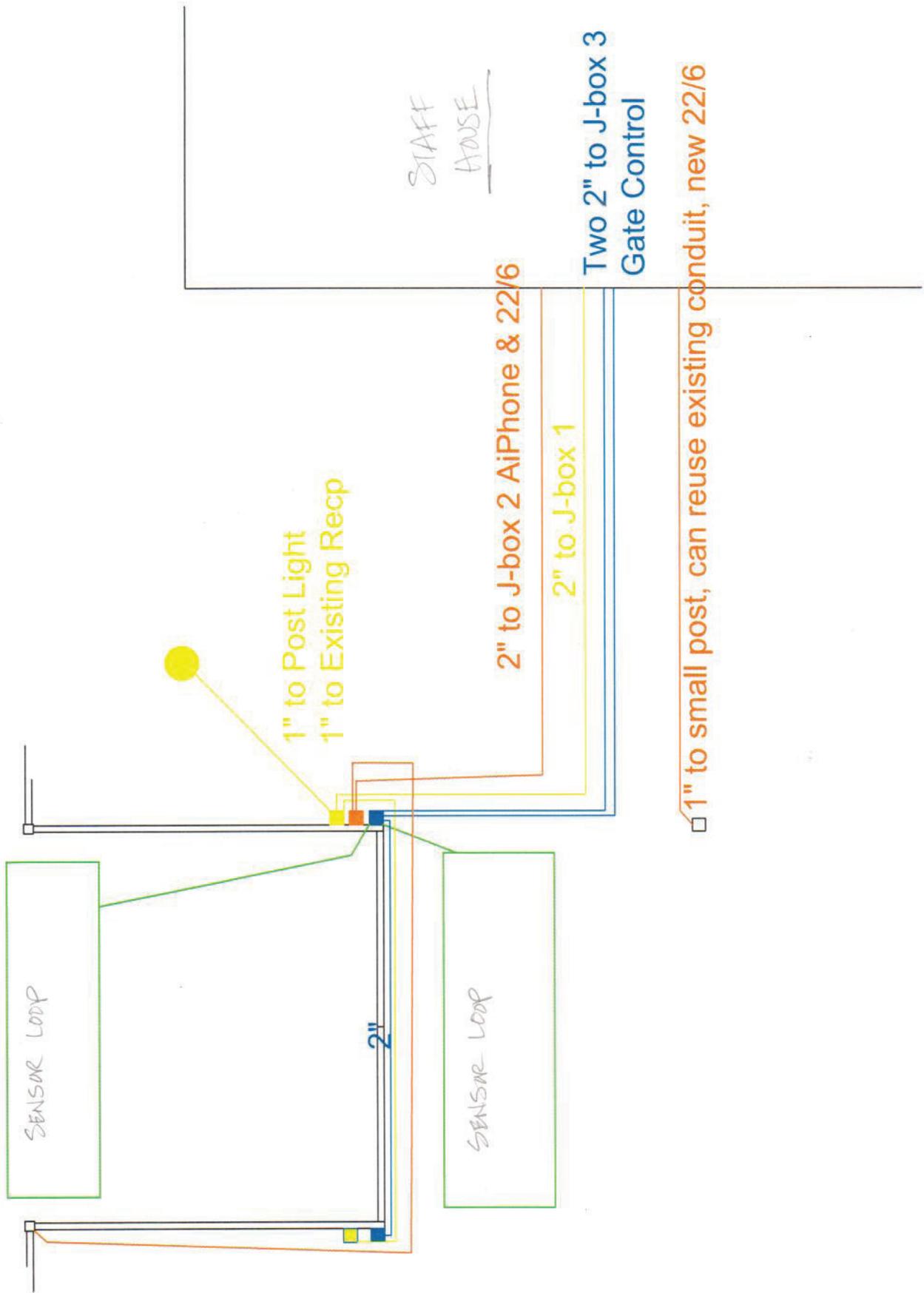
- C. During Excavation:
 - 1. Salvage 1” existing conduit to card reader post for reuse
 - 2. J-box for gate control and GFCI receptacle box on south side to remain for reuse
 - 3. All conduit and wiring from devices on and around the gate terminated and discarded
 - 4. Coordinate termination points leading to Staff House with BGS Electrical

- D. After Excavation:
 - 1. Mount three above ground junction boxes on north side of gate facing light post
 - 2. Route new conduits, avoid hard 90 degree bends
 - 3. New AC line to junction box, then out to light post and receptacle
 - 4. New AiPhone cable spliced in Staff House basement to AiPhone call station via junction box
 - 5. New HID card reader cables to two locations
 - 6. Door King – new underground sensor loops laid in before asphalt
 - 7. Door King – new control cabling to junction and distributed to related components

- E. Additional Notes:
 - 1. AiPhone and Card Reader cables may run in the same conduit to the outside post
 - a. Route through low-voltage service cabinet leaving service loop
 - 2. Light post and receptacle cables may route through service cabinet
 - 3. Separate service cabinets for AC & Low Voltage
 - a. Confer with Gate Control Vendor to determine if a third service cabinet is necessary

END OF SECTION 28 05 13

CHAMBERLAIN STREET



PROPOSED J-BX & CONDUIT RUNS
NOT TO SCALE