

ADDENDUM NUMBER 2
for
ADVANCED TREATMENT PROJECT
MEMORIAL PARKWAY TREATMENT PLANT
NORTHERN KENTUCKY WATER DISTRICT

FROM: CH2M HILL
 TO: Plan Holders of Record

The following changes, additions, and deletions are hereby made a part of the project Bidding Documents as fully and completely, as if the same were set forth therein. Acknowledge receipt and acceptance of this Addendum in the space provided on the BID FORM.

SPECIFICATIONS

Item No. AD2-1: Supplementary Conditions (Section 00 73 00)

- Add the following language to the final Amendment on Page 6:
 At the end of the fifth line after the words "for whom Contractor is responsible", add the words ", including without limitation, Contractor's failure to demolish, remove, haul, dispose and otherwise handle all equipment, supplies, waste, debris, and other material in accordance with all environmental, labor, health and safety, and other Laws and Regulations."
- Revise the language of the first Amendment on Page 7 to read as follows:
 In the second line after the word "Subcontractors", add the words "Construction Contract Administrator". Starting in line nine delete the words (ii) was not created by the Contractor or by anyone for whom the Contractor is responsible. Nothing in this Paragraph 4.06 G shall obligate the Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence".

And replace with the words:

(ii) was not created by the Owner or by anyone for whom the Owner is responsible other than Contractor and all persons, subcontractors and entities for which the Contractor is responsible.

- Delete the second Amendment on Page 7 as it was redundant.
- Add the following Amendment to Page 7:
 SC-4.06H Amend Article 4.06H by making the following revision:

In the seventh line after the words "for whom Contractor is responsible", add the words ", including without limitation, Contractor's failure to demolish, remove, haul, dispose and otherwise handle all equipment, supplies, waste, debris, and other material in accordance with all environmental, labor, health and safety, and other Laws and Regulations."

Item No. AD2-2: DWSRF Supplementary General Conditions (Section 00 74 00)

Delete the language on Attachment 17 and replace with the following:

WAGE RATES

Federal Davis-Bacon and state rates are applicable to these funds. This determination applies to the entire project. Please contact the other funding sources, if applicable, for their requirements pertaining to federal wage rates. You must contact the Kentucky Labor Cabinet for determination of applicable state wages.

The federal wage rates for this project are attached to this Addendum. The state wage rates are included in the specifications between Specification sections 00 72 00 and 00 73 00. For each worker classification the higher of the rates (when comparing both the state and federal requirements) will be the applicable rate.

Item No. AD2-3: Demolition (Section 02 41 00)

Revise Article 1.08 by adding the following item:

- B. Confirm and comply with all applicable environmental, labor, health and safety, and other Laws and Regulations related to the demolition, removal, hauling, disposal and other handling of unsalvageable equipment, supplies, waste, debris and other material.

Item No. AD2-4: Precast Concrete (Section 03 40 00)

Revise the following Articles as identified below:

- 1.01, A, 3, a: Change wording to "MNL-116, Manual for Quality Control for Plants and Production of Structural Precast Concrete Products."
- 1.02, A, 3, a: Change wording to "Hollow-core slabs and double tees: Show type and location of inserts, extra reinforcement for handling, and other pertinent data for proposed construction."
- 1.02, B, 1, c: Change wording to "Complete list of Structural Precast Concrete work accomplished in past 2 years, including:"
- 1.02, B, 3, b: Change wording to "Inspection of installed members".
- 1.03, B: Change wording to "Samples for Exposed Finish:

1. Before starting structural precast concrete work, provide two samples of each precast member type for Engineers approval.
 2. Approved Finish: Constitutes standard of quality required in completed Work.”
- 1.03,C: Delete entire section C. Mockup not required.
 - 2.01, G, 3: Change wording to “Furnish inserts for Structural Precast Concrete, bolting stiffeners, attaching braces, and as otherwise required.
 - 2.03: Delete Section A, renumber section B and C to A and B respectively.
 - 2.04, A, 1: Change wording to “Comply with PCI MNL-116.
 - 2.04, C: Change wording to “Surface Finish for Structural Precast Concrete Members.
 - 3.04, A, 1: Change wording to “With Engineer, inspect Structural Precast Concrete Members for chips, cracks, discoloration, and other damage.

Item No. AD2-5: Masonry Veneer (Section 04 21 13.13)

Add the following item to Article 2.01:

- C. Masonry units shall be Belden Brick, “Sunburst Blend A”, modular size or equal.

Item No. AD2-6: Metal Railings (Section 05 52 00)

Delete Paragraph 3.

Item No. AD2-7: Process Valves and Operators (Section 40 27 02)

Revise Article 2.05 OPERATORS AND ACTUATORS as follows:

- Delete Paragraph 2.05 B. and replace with the following:
 - B. Electric Motor Actuators (Microprocessor Based Controls)
 1. General:
 - a. Equipment Requirements: The actuators shall be suitable for use on a 460 volt, 3 phase, 60 Hz power supply and must include motor, integral reversing starters, local controls and terminals for remote control and indication housed within a self contained, sealed enclosure. Set-up of the actuator shall be carried out without the removal of any covers. Actuator calibration shall be by integral pushbuttons and selector switch. No separate special

- commissioning tools shall be required. In addition, provision shall be made for the protection of configured actuator settings by means of a security password.
- b. **Actuator Sizing:** The actuator shall be sized to guarantee valve closure at the specified torque and/or thrust requirement as indicated by the valve manufacturer or supplier. The actuator must be adequately sized to provide the torque required to operate the valve at 90% of the nominal voltage. The operating speed shall provide valve closing and opening at approximately 12 inches per minute for gate valves, 4 inches per minute for globe valves and as indicated in the valve list for quarter turn valves. Quarter-turn valves will be furnished with mechanical stops that restrict the valve/actuator travel.
 - c. **Environmental:** Actuators shall be suitable for indoor and outdoor use. The actuator shall be capable of functioning in an ambient temperature ranging from -20°F to +160°F, up to 100% relative humidity.
 - d. **Enclosure:** Actuators shall be O-ring sealed, watertight to NEMA 4X/6 (6 feet for 30 minutes). Enclosure must allow for temporary site storage without the need for electrical supply connection. All external fasteners shall be of stainless steel. Gear case shall be cast iron.
 - e. **Motor:** The electric motor shall be Class F insulated with a duty rating of at least 15 minutes at 104°F (40°C). Motor shall be specifically designed and built by the actuator manufacturer for electric actuator service. Electrical disconnection of the motor shall be by means of a plug and socket and motor removal shall be possible without loss of lubricant. The actuator must include a phase correction circuit to ensure that the motor runs with the correct rotation for the required direction of valve travel regardless of the connection sequence of the power supply.
 - f. **Motor protection:** The following criteria shall be provided for motor protection:
 - 1) The motor shall be de-energized without damage in the event of a stall condition when attempting to move a jammed valve.
 - 2) The motor shall be de-energized in the event of an overtorque condition.
 - 3) A minimum of three thermal devices imbedded in the motor windings shall be provided to de-energize the motor in case of overheating.
 - 4) Lost phase protection.
 - g. **Gearing:** The actuator gearing shall be totally enclosed in a grease-filled cast iron gearcase suitable for operation in any orientation. Actuator gearing shall be hardened steel with alloy bronze worm wheel. The design should permit the opening of the gearcase for inspection or disassembly without releasing the stem thrust or taking the valve out of service. Where required per application, electric actuators will be provided with worm gearboxes. The

- worm gearboxes shall be supplied with full 360° bronze worm wheels and end-of-travel mechanical stops on the worm shaft. Designs with segmented worm gears and end-of-travel stops in the gearbox housing will not be permitted.
- h. Manual operation: Manual operation shall be by handwheel. Manual operation shall utilize the actuator worm shaft/worm wheel to maintain self-locking gearing and to facilitate changeover from motor to manual operation when the actuator is under load. Actuator designs that bypass electric actuator worm gears when declutched are unacceptable. The declutching from motor operation shall be at the motor shaft to minimize declutching effort. Designs that break the valve load at the worm and worm gear are unacceptable. Return from manual to electric mode of operation will be automatic upon motor operation. A seized or inoperable motor shall not prevent manual operation.
 - i. Drive nut and thrust base assembly: For multi turn rising stem applications, the drive nut shall be installed in a detachable thrust base. The design shall allow actuator removal from the thrust base, leaving the thrust base attached to the valve to retain valve position. Thrust bearings shall be lubricated by means of an easily accessible grease fitting.
 - j. Valve position and torque calibration position and torque shall be sensed by absolute encoder using hall-effect sensors. Incremental encoders requiring batteries to retain settings upon loss of power shall not be accepted. Position and torque settings shall be stored in permanent non-volatile memory.
 - k. Torque and travel adjustment parameters are to be as follows:
 - 1) Position setting range 1 to 500 to 10 to 5,000 turns, with resolution of 2.81 degrees and accuracy to 5.0 degrees of actuator output.
 - 2) Torque setting: 40% to 100% of rated torque.
 - l. Torque switch bypass to be provided for the torque sensing system to inhibit torque switch trip during unseating or during starting in mid-travel against high inertia loads.
2. Electric Actuator Control Digital Fieldbus (DeviceNet):
- a. Local indication: The actuator shall include a digital position indicator with a display from fully open to fully closed in 1% increments.
 - b. Five programmable local indicating lights shall be available to indicate functions including, but not limited to end position CLOSED, end position OPEN, fault, selector switch in REMOTE and actuator moving, integral starter and transformer.
 - c. The starter shall be suitable for up to 60 starts per hour for open/close service and 600 to 1200 starts per hour for modulating service.
 - 1) Removable plug and socket controls housing containing reversing starters or thyristors, power supply/control transformer and local controls consisting of

- Open/Stop/Close/Reset pushbuttons and a Local/Off/Remote selector switch lockable in any of the three positions shall be wall mounted remotely with interconnecting cable for all electric operated valves. The Reset pushbutton shall be provided to facilitate actuator commissioning. It shall be possible to select maintained or non-maintained control independently for either the local or remote modes. It shall be possible to re-orient local pushbutton controls in 90° increments.
- d. Control capabilities - DeviceNet: The following control capabilities must be available:
- 1) Communication protocol via DeviceNet.
 - 2) Interface by CAN Controller Area Network.
 - 3) Network topology: Linear (trunkline/dropline) bus, bus termination on both ends. Coupling or uncoupling of stations without affecting other stations.
 - 4) Data transfer rate: 125 kbit/sec - deterministic data transmission.
 - 5) Bus access: Master slave.
 - 6) Number of stations: 63 stations and a DeviceNet scanner.
 - 7) Parameterization of field devices using a standardized EDS files (Electronic Data Sheets).
- e. Non-intrusive capability: In order to maintain the integrity of the enclosure, setting of all actuator parameters including the torque levels, position limits, configuration of the indication contacts and positioner functionality shall be accomplished without removing covers from the actuator control assemblies or housing. Settings shall be made by entering the set up mode and following menu prompts appearing in the LCD window. The LCD window shall have four lines of data clearly indicating the set up options. Set up shall be accomplished by using the actuator integral selector switch and pushbuttons - without the need for a hand-held setting device. Actuator parameters may also be set by means of laptop computer via a two-way information infrared interface or laptop or PDA via Bluetooth® interface. No special setting tools or devices are acceptable.
- f. Monitoring facilities: Facilities shall be provided for monitoring actuator operation and availability as follows:
- 1) Liquid Crystal Display (LCD) - minimum four lines back-lit for setting menu showing status indication and diagnostic information.
 - 2) Monitoring capability via Bluetooth® connection shall be an available option.
 - 3) Retrievable (lifetime and re-settable) data logs including:
 - a) motor run time
 - b) total number of cycles
 - c) number of torque trips in each direction of travel
 - d) number of limit switch trips at each end of travel

- e) total torque trip faults
- f) motor thermal overloads.
- 4) Diagnostic capability, which will store and enable download of historical actuator operation and torque data to permit analysis of actuator and valve in-service performance.
- 5) Data logs and diagnostic information download shall be carried out without removing any covers and all shall be available locally at the actuator or accessible via laptop computer.
- g. Wiring and terminals
 - 1) Internal wiring shall be tropical grade insulated stranded cable of appropriate size for the control and 3-phase power.
 - 2) All external wiring shall terminate in a removable plug and socket head, which allows easy disconnection of all power and control voltages. Actuators furnished without plug and socket terminal connections must have power and control disconnect switches for ease of maintenance and safety.
- h. Electric Actuator Commissioning and Test Reports
- i. Commissioning Kit: Each actuator will be provided with a commissioning kit consisting of a wiring diagram and installation and operation manual. No special commissioning tools or parts will be required for start-up.
- j. Performance Test Documentation: Each actuator shall be performance tested. Test documentation must be provided if requested indicating the following:
 - 1) torque sensing tripping points in both the open and closed directions of travel.
 - 2) current at the maximum torque tripping point.
 - 3) actuator output speed.
 - 4) high voltage test .
- k. Electric Actuator Manufacturers:
 - 1) AUMA Actuators, Inc.
 - 2) Approved equal.
 - 3) Performance Test Documentation.
- 4. Each actuator shall be performance tested. Test documentation must be provided if requested indicating the following:
 - a. torque sensing tripping points in both the open and closed directions of travel.
 - b. current at the maximum torque tripping point.
 - c. actuator output speed.
 - d. high voltage test.
- 5. Electric Actuator Manufacturers:
 - a. AUMA Actuators, Inc.
 - b. Approved equal.

- Revise the PROCESS VALVE AND MOTOR ACTUATOR SCHEDULE as follows:

The Valve Type number for Valves MP-SW-GV-001 through 004 should be revised to V132.

Eighteen (18) valves have been added to the project as part of the filter valve replacement work. The descriptions of these are attached to this addendum and should be incorporated into the PROCESS VALVE AND MOTOR ACTUATOR SCHEDULE.

- As a clarification, Valve Type 624 is a silent check valve for the GAC pump well sump pump discharge line. This valve can be a globe or wafer style valve as manufactured by Apco, Val-Matic, or equal.

Item No. AD2-8: Contactor Underdrain System (Section 44 43 34)

On Page 6, revise the acceptable manufacturers under Item 3(b) of Article 2.01.A as follows:

- b. Severn Trent Services, Fort Washington, PA; Tertra™ U Block Underdrain with SAVAGE PLATE®.

PLANS

Item No. AD2-9: North and South Elevations (Sheet MP-A-201)

Revise the South Elevation to reflect that louvers L2A and L2B have bottom elevations of 756.0.

Item No. AD1-10: AT Building Basement Foundation Plan (Sheet MP-S-131)

Revise the Drawing by modifying it in accordance with the attached sketch showing revised Contactor slab elevation of 741.75 and Effluent Backwash Inlet Flume (Gullet) elevation of 783.75. This change is typical for all six Contactors. Note 7" shelf adjacent to Effluent Backwash Inlet Flume not previously shown.

Item No. AD1-11: AT Building First Floor Plan (Sheet MP-S-141)

As a clarification, the C2 columns on the west exterior wall of the GAC Pump room extend above the first floor to the crane beam elevation. The C6 columns extend below the first floor. The C2 reinforcement must extend into the lower columns a development length or lap length as is appropriate. This is also true for the east wall of the GAC Pump Room, except that the lower column is a C5.

Item No. AD1-12: AT Building Sections (Sheet MP-S-301)

Revise Section B by changing the Contactor slab elevation from 741.65 to 741.75.

Item No. AD1-13: AT Building Sections (Sheet MP-S-303)

Revise Section B by changing the Contactor slab elevation from 741.65 to 741.75.

Item No. AD1-14: AT Building Sections (Sheet MP-S-308)

Section L is revised by modifying it in accordance with the attached sketch with respect to revised Contactor Elevations.

Item No. AD1-15: AT Building Sections (Sheet MP-S-309)

Section N is revised by modifying it in accordance with the attached sketch with respect to revised Contactor Elevations

Item No. AD1-16: AT Building Sections (Sheet MP-S-310)

Revise Section Q by changing the Contactor slab elevation from 741.65 to 741.75.

Item No. AD1-17: AT Building Sections (Sheet MP-S-505)

Revise Detail 5 by changing the Contactor slab elevation from 741.65 to 741.75.

Item No. AD2-18: Basement Level Plan (Sheet MP-M-131)

Note #4 - For Clarification height of unit heater, for this sheet, shall be to the top of the unit.

Item No. AD2-19: First Floor Plan (Sheet MP-M-141)

The exhaust duct (18" x 18") for EF-1 shall be shortened to be with-in 5" of wall.

The thermostat for EUH-3 shall be located to the left of the 36" DI flume access wall pipe.

Item No. AD2-20: UV Upper Level Plan (Sheet MP-M-142)

Revise the mounting height of EUH-6 to 14.30 FT. AFF.

Note #8 - Delete reference to "Discharge Plenum". Add text requiring a return air plenum mounted smoke detector - compatible with Fire Alarm System for AHU-1.

Note #3 - Add "Coordinate duct with roof drain piping".

For clarification - refrigerant piping from CU-1 to AHU-1 shall run up on the inside of the building, exposed on exterior wall.

Item No. AD2-21: Second Floor Plan (Sheet MP-M-151)

Louvers L-1A, 3A, 3B, 3C & 4 shall match the locations indicated on Architectural sheet MP-A-201 "North Elevation".

Provide a manual volume control damper in the 4"Ø exhaust duct for storage room (Damper does not show graphically).

The elevation of the 34" x 16" outside air duct shall be as follows: bottom of duct at EL 774.65.

Remove arrow shown at ERH-1.

Item No. AD2-22: HVAC Schedules and General Notes

Louver Schedule - Add note #4 to L-1A.

Item No. AD2-23: Plumbing Second Floor Plan (Sheet MP-P-151)

Contractor shall install a 1" cold water meter and conduit and cable for an automated meter reading transmitter in the 1" water line at a location directed by the Owner near the wall where the 1" plant service line enters. Contractor shall install ½" conduit through the wall and run the transmitter cable from the meter to the breezeway and leave at least 30 feet of cable on outside the wall for the Owner to connect the transmitter at an outside location. Contractor shall record the meter serial number, meter identification number, and meter reading on the Owner supplied form and furnish copy of completed form to Owner. The meter, cable, and transmitter will be furnished by Owner.

Item No. AD1-24: Electrical Site Plan (Sheet MP-E-102)

Delete Keyed Note No. 12 and replace with the following:

12. Any cash contribution requested by the Utility Company for the new service shall be paid for by the Owner. The Contractor shall contact the power company, negotiate the Contract and arrange to have the work done in an orderly and timely manner. The Contractor shall provide final invoices from the Utility Company after the work is completed.

Item No. AD1-25: Filter Valve Replacement Plans (Sheets MP-AD-001, 002, 003)

The work shown on these plans is added to the project. The specifications for the valves and actuators are already included.

Item No. AD1-26: Renovation of Existing South Flocculation Basin (Sheets MP-AD-004, 005, 006, 007)

The work shown on these plans is added to the project.

END ADDENDUM 1

GENERAL DECISION: KY20080028 09/11/2009 KY28

Date: September 11, 2009

General Decision Number: KY20080028 09/11/2009

Superseded General Decision Number: KY20070028

State: Kentucky

Construction Types: Heavy and Highway

Counties: Boone, Campbell, Kenton and Pendleton Counties in Kentucky.

Heavy and Highway Construction Projects

Modification Number	Publication Date
0	02/08/2008
1	03/07/2008
2	05/02/2008
3	06/06/2008
4	07/04/2008
5	08/15/2008
6	09/05/2008
7	10/03/2008
8	11/07/2008
9	12/05/2008
10	01/02/2009
11	02/06/2009
12	05/01/2009
13	06/05/2009
14	07/03/2009
15	09/11/2009

* BRKY0002-005 06/01/2009

	Rates	Fringes
BRICKLAYER.....	\$ 26.12	9.73

BROH0001-005 06/01/2008

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 25.75	8.60

CARP0698-001 05/01/2009

BOONE, CAMPBELL, KENTON & PENDLETON COUNTIES:

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 27.05	9.69
Diver.....	\$ 40.58	9.69

* CARP1066-003 09/01/2009

Rates	Fringes
-------	---------

MILLWRIGHT.....\$ 27.55 15.39

ELEC0212-007 06/01/2009

	Rates	Fringes
ELECTRICIAN.....	\$ 26.11	13.32

ELEC0212-013 01/01/2006

	Rates	Fringes
Sound & Communication Technician.....	\$ 20.45	6.95

ENGI0018-013 05/01/2009

	Rates	Fringes
OPERATOR: Power Equipment		
GROUP 1.....	\$ 29.49	11.16
GROUP 2.....	\$ 29.37	11.16
GROUP 3.....	\$ 28.33	11.16
GROUP 4.....	\$ 27.15	11.16
GROUP 5.....	\$ 21.69	11.16
GROUP 6.....	\$ 29.74	11.16
GROUP 7.....	\$ 29.99	11.16

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Horizontal Directional Drill (over 500,000 ft. lbs. thrust); Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; & Wheel Excavator

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling

Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); & Vermeer type Concrete Saw

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); & Welding Machines

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway) except Masonry); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift (highway); Form Trencher; Hydro Hammer; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); & Vibratory Compactor with Integral Power

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt); Generator; Masonry Fork Lift; Inboard-Outboard Motor Boat Launch; Masonry Fork Lift; Oil Heater (asphalt plant); Oiler; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire Repairperson; & VAC/ALLS

GROUP 6 - Master Mechanic & Boom from 150 to 180

GROUP 7 - Boom from 180 and over

IRON0044-008 06/01/2009

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 23.55	16.72
Structural.....	\$ 26.17	16.72

IRON0372-004 06/01/2009

	Rates	Fringes
IRONWORKER, REINFORCING		

Beyond 30-mile radius of Hamilton County, Ohio Courthouse.....	\$ 26.45	16.70
Up to & including 30-mile radius of Hamilton County, Ohio Courthouse.....	\$ 26.20	16.70

* LABO0189-004 07/01/2009

PENDLETON COUNTY:

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 20.36	9.90
GROUP 2.....	\$ 20.61	9.90
GROUP 3.....	\$ 20.66	9.90
GROUP 4.....	\$ 21.26	9.90

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Driller (All Types); Powderman & Blaster; Troxler & Concrete Tester if Laborer is Utilized

LABO0265-009 05/01/2009

BOONE, CAMPBELL & KENTON COUNTIES:

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 25.27	7.50
GROUP 2.....	\$ 25.44	7.50
GROUP 3.....	\$ 25.77	7.50
GROUP 4.....	\$ 26.22	7.50

LABORER CLASSIFICATIONS

GROUP 1 - Asphalt Laborer; Carpenter Tender; Concrete Curing Applicator; Dump Man (Batch Truck); Guardrail and Fence Installer; Joint Setter; Laborer (Construction); Landscape Laborer; Highway Lighting Worker; Signalization Worker; Mesh Handlers & Placer; Right-of-way Laborer; Riprap Laborer & Grouter; Scaffold Erector; Seal Coating; Surface Treatment or Road Mix Laborer; Sign Installer; Slurry Seal; Utility Man; Bridge Man; Handyman; Waterproofing Laborer; Flagperson; Hazardous Waste (level D); Diver Tender; Zone Person & Traffic Control

GROUP 2 - Skid Steer; Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); Machine Driven Tools (Gas, Electric, Air); Mason Tender; Brick Paver; Mortar Mixer; Power Buggy or Power Wheelbarrow; Sheeting & Shoring Man; Surface Grinder Man; Plastic Fusing Machine Operator; Pug Mill Operator; & Vacuum Devices (wet or dry); Rodding Machine Operator; Diver; Screwman or Paver; Screed Person; Water Blast, Hand Held Wand; Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (level C); Air Track and Wagon Drill; Bottom Person; Cofferdam (below 25 ft. deep); Concrete Saw Person; Cutting with Burning Torch; Form Setter; Hand Spiker (Railroad); Pipelayer; Tunnel Laborer (without air) & Caisson; Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning); Sandblaster Nozzle Person; & Hazardous Waste (level B)

GROUP 3 - Blaster; Mucker; Powder Person; Top Lander; Wrencher (Mechanical Joints & Utility Pipeline); Yarnier; Hazardous Waste (level A); Concrete Specialist; Concrete Crew in Tunnels (With Air-pressurized - \$1.00 premium); Curb Setter & Cutter; Grade Checker; Utility Pipeline Tapper; Waterline; and Caulker

GROUP 4 - Miner; & Guniting Nozzle Person

TUNNEL LABORER WITH AIR-PRESSURIZED ADD \$1.00 TO BASE RATE

SIGNAL PERSON WILL RECEIVE THE RATE EQUAL TO THE RATE PAID THE LABORER CLASSIFICATION FOR WHICH HE OR SHE IS SIGNALING.

PAIN0012-016 06/14/2008

	Rates	Fringes
Painters: (HEAVY & HIGHWAY		

BRIDGES -
 GUARDRAILS-LIGHTPOLES
 -STRIPING)

Bridge Equipment Tender and Containment Builder.....	\$ 20.49	6.83
Brush & Roller.....	\$ 23.10	6.83
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement.....	\$ 24.10	6.83
Sandblasting & Water Blasting.....	\$ 23.85	6.83
Spray.....	\$ 23.60	6.83

PLUM0392-008 06/01/2008

	Rates	Fringes
PLUMBER.....	\$ 28.39	14.30

SUKY1996-001 02/05/1996

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 15.85	4.60
GROUP 2.....	\$ 16.29	4.60

TRUCK DRIVER CLASSIFICATIONS

GROUP 1 - Driver

GROUP 2 - Euclid Wagon; End Dump; Lowboy; Heavy Duty
 Equipment; Tractor-Trailer Combination; & Drag

WELDERS - Receive rate prescribed for craft performing
 operation to which welding is incidental.

Unlisted classifications needed for work not included within
 the scope of the classifications listed may be added after
 award only as provided in the labor standards contract clauses
 (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates
 listed under the identifier do not reflect collectively
 bargained wage and fringe benefit rates. Other designations
 indicate unions whose rates have been determined to be
 prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can
 be:

* an existing published wage determination

- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

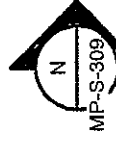
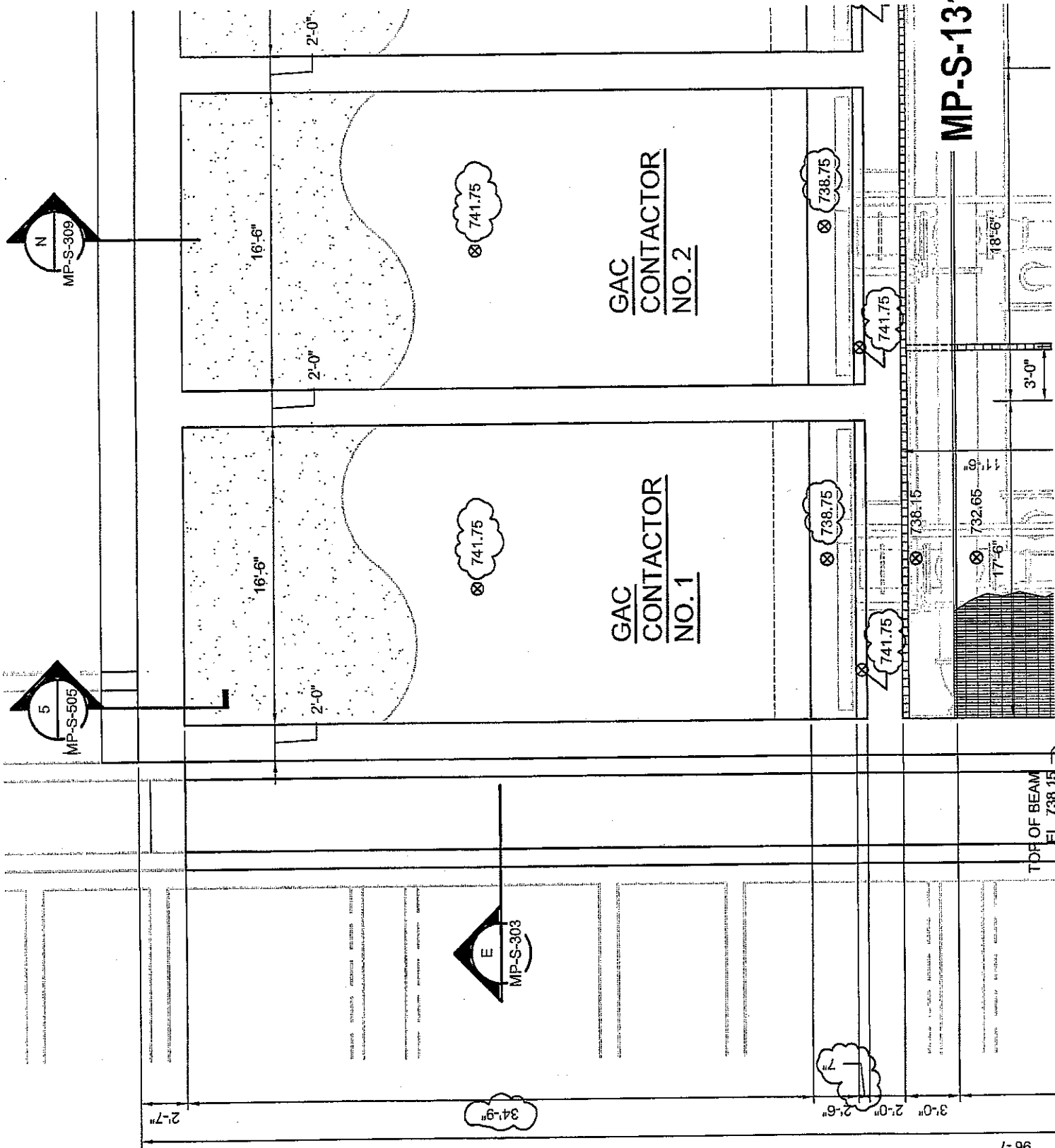
=====

END OF GENERAL DECISION

PROCESS VALVE AND MOTOR ACUTAYTOR SCHEDULE

Tag No.	Location	Valve Type	Size (inches)	Flowstream	Max. Oper. Flow (gpm)	Max. Oper. Press. (psi)	Motor Actuated	Travel Time (sec)	Voltage (V)	Phase	Service	Notes
MP-FI-BFV-004-006	Ex. Filter bldg - Influent	V500	24	CL	14,000	15	YES	60	460	3	O/C	Replace ex. valves on fillers 4 through 6 and their stands/operators
MP-FE-BFV-004-006	Ex. Filter bldg - Effluent	V624	12	FE	2,800	30	YES					
MP-BS-BFV-004-006	Ex. Filter bldg - Backwash Supply	V940	20	FW	12,500	35	YES					Replace ex. valves on fillers 4 through 6 and their operators
MP-BW-BFV-004-006	Ex. Filter bldg - Backwash Waste	V940	24	BW	12,500	15	YES					Replace ex. valves on fillers 4 through 6 and their operators
MP-WS-BFV-004-006	Ex. Filter bldg - Filter to Waste	V940	6	WS	200	15	YES					Replace ex. valves on fillers 4 through 6 and their operators
MP-AS-BFV-004-006	Ex. Filter bldg - Air Scour	V940	1	AS	NA	NA	YES					Replace ex. valves on fillers 4 through 6 and their operators

Note: see Legend for Tag No. format and codes.



34'-9"

TOP OF BEAM
FI 738.15

