

July 9, 2013

ADDENDUM NO. #2
Jefferson County Public Works
Vehicle Maintenance Facility

This addendum forms a part of the bidding and contract documents and modifies the bidding documents. Acknowledge receipt of this addendum in space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

Questions Submitted:

Q1: The door schedule shows opening 106 to be a single door, however the plan view shows a double door. Please confirm this is a double door.

A1: *Yes, door 106 is a double door; the door schedule has been updated to reflect that (see AD2-A1).*

Q2: Door 108B is detailed to be a hollow metal pocket door. Please verify if the pocket door is to be wood in lieu of hollow metal.

A2: *Door 108B is to be a hollow metal door as detailed.*

Q3: Asphalt paving specs call out for heavy highway paving, which requires heavy duty equipment. Given the existing conditions in some spots and since these are only going to be patches, please verify if this requirement can be waived. We can still use the standard patch detail on the Civil drawings.

A3: *The use of a paver shall only be required where the total width of the paving area is ten feet or wider. In addition, the following hot-mix asphalt design mix table shall be utilized:*

| HOT-MIX ASPHALT DESIGN MIX TABLE | | |
|---|----------------|----------------|
| MIXTURE USE | SURFACE COURSE | BINDER COURSE |
| THICKNESS | 2" | 4" |
| AC/PG | PG 64-22 | PG 64-22 |
| RAP % (MAX) | 15% | 15% |
| DESIGN GYRATIONS | E | E |
| DESIGN AIR VOIDS | 4.0% @ Ndes=70 | 4.0% @ Ndes=70 |
| SUPERPAVE NOMENCLATURE | 125 | 190 |
| AGGREGATE ANGULARITY | C | E |
| DENSITY TEST METHOD | NUCLEAR | NUCLEAR |

Q4: Earthwork specifications note that sandy loam fill is to be used at the drain field. Does the entire +/- 48" of fill need to be sandy loam? What about the extended slope fill on the back side of the drain field? Please verify the total depth of sandy loam required, and if regular fill can be used up to that depth.

A4: *The fill soil within the footprint of the 22,000 +/- SF drip disposal field shall be sandy loam as indicated in the specification. Alternative fill may be utilized in areas outside the required drip disposal field area, except that no material shall be utilized which may interfere with the proper operation of the drip disposal field and surrounding perimeter curtain drains. The contractor shall take care not to overcompact the fill during placement – the selected manufacturer's recommendations for fill density and compactive effort shall be strictly observed. The contractor is reminded that the submitted design must meet all requirements of the Jefferson County On-Site Sewage Treatment Codes. All aspects of the design, including selection of appropriate fill materials, shall be sealed by a Missouri registered professional engineer.*

Q5: Sheet A1.1 calls for the existing granular fill to be removed and re-used as the base course for the new slab. To what depth are we to remove the existing fill? If it matters, we have been told, there are several relatively shallow underground conduits located in this area.

A5: *The excavation shall be deep enough to allow for the installation of the aggregate (4"), vapor barrier and slab (6") as specified and have the finish floor elevation that works with the existing doors.*

Q6: Will the work called out above satisfy all of the subsurface remediation approaches discussed in the Geotech report? There are a few approaches listed, but this is the only one I found noted on the drawings. Please advise.

A6: *The owner is willing to accept some risk of future settlements and will allow for the partial removal and replacement of the fill beneath the new footings only. The fill will be excavated and either recompacted or replaced to a depth of at least 2 ft beneath the bearing elevation.*

Q7: Can we use lightweight CMU in lieu of normal weight?

A7: *Lightweight CMU may be used in lieu of normal weight provided that it is rated for 2000 psi compressive strength or greater.*

Q8: Question about the recessed electrical conduits in the existing drywall. At a minimum, it looks like we will have to surface mount some conduit on the existing concrete stem wall until we can get up and in to the drywall. Do you agree with this?

A8: *Yes, as a cost savings measure the County will allow conduit to be surface mounted in the shop and maintenance areas (see Clarification 2 below).*

Q9: The fire alarm devices will have to be installed from the top down, which entails a lot of drywall patching. Have there been any thoughts to surface mount this work over the Protek wall panels?

A9: *Per above and Clarification 2 below, conduit may be surface mounted.*

Clarifications:

1. Panel signs are to be at restrooms 101 and 102; see AD2-A1 and AD2-A2 for additional information.
2. All new conduit (electrical and fire protection related) in Maintenance Bays 111 and Heavy Parts Cage 110 may be surface mounted, and are not required to be recessed behind existing drywall.

Drawings:

1. See attached Sheet No.'s AD2-A1 & AD2-A2 which modifies A6.2 from the bid documents to updates door 106, and includes information on panel signage.

Addendum #2 consists of 3 pages of text and the following attachments:

Sheet No. AD2-A1
Sheet No. AD2-A2

RETURN ONE SIGNED COPY TOGETHER WITH YOUR PROPOSAL

Addendum No. 2 is hereby acknowledged.

Name of Bidder: _____

By: _____ Title: _____

Address: _____

Telephone: _____ Date: _____

| DOOR NUMBER | ROOM NAME | DOOR | | | | FRAME | | DETAIL | | LABEL (MIN.) | HDWE SET | REMARKS | |
|-------------|----------------|------------------|------|------|--------|-------|------|--------|---------|--------------|----------|---------|----|
| | | SIZE | TYPE | MATL | FINISH | TYPE | MATL | FINISH | HEAD | JAMB | SILL | | |
| 100 | HALL | 3'-0" x 7'-0" | N | HM | PT | 1 | HM | PT | A2/A6.2 | A4/A6.2 | C9/A6.2 | -- | 1 |
| 101 | TOILET | 3'-0" x 7'-0" | F | HM | PT | 1 | HM | PT | A2/A6.2 | A4/A6.2 | C9/A6.2 | -- | 2 |
| 102 | TOILET | 3'-0" x 7'-0" | F | HM | PT | 2 | HM | PT | C5/A6.2 | C7/A6.2 | -- | -- | 3 |
| 103 | ELEC/MECH/STOR | (2)3'-0" x 7'-0" | F | HM | PT | 2 | HM | PT | C5/A6.2 | C7/A6.2 | -- | -- | 4 |
| 104 | CONF & BREAK | 3'-0" x 7'-0" | N | HM | PT | 2 | HM | PT | C5/A6.2 | C7/A6.2 | -- | -- | 5 |
| 105 | MAINT MGR | 3'-0" x 7'-0" | N | HM | PT | 2 | HM | PT | C5/A6.2 | C7/A6.2 | -- | -- | 6 |
| 106 | JANITOR | (2)3'-0" x 7'-0" | F | HM | PT | 2 | HM | PT | C5/A6.2 | C7/A6.2 | -- | -- | 7 |
| 108A | PARTS MGR | 3'-0" x 7'-0" | N | HM | PT | 1 | HM | PT | A2/A6.2 | A4/A6.2 | C9/A6.2 | -- | 9 |
| 108B | PARTS MGR | 3'-0" x 7'-0" | F | HM | PT | 3 | HM | PT | A6/A6.2 | A8/A6.2 | -- | -- | 10 |
| 109 | RECEIVING | 3'-0" x 7'-0" | F | HM | PT | 1 | HM | PT | A2/A6.2 | A4/A6.2 | C9/A6.2 | -- | 8 |



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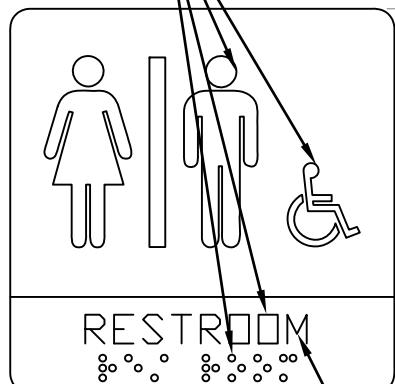
MISSOURI
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JEFFERSON COUNTY
HIGHWAY VEHICLE
MAINTENANCE FACILITY
A.6.2 - DOOR SCHEDULE

PROJECT NO.:
12147
DATE:
07/09/13
REVISION:
ADD # 2

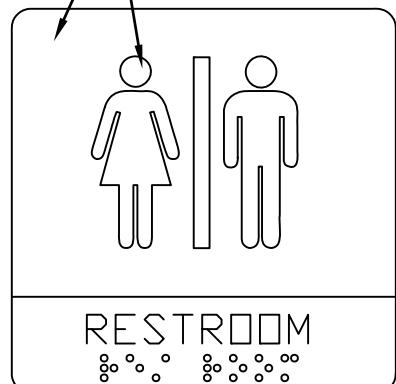
SHEET NO.:

AD2-A1



①

HEIGHT OF LETTERS 5/8" MIN
AND 2" MAX, TYP



②

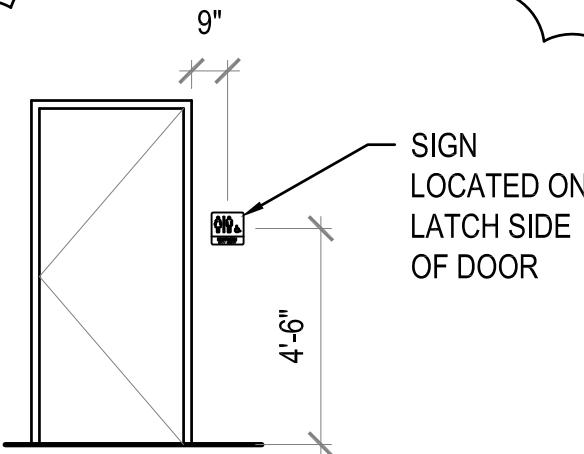
RADIUSED
EDGE, TYP

NOTE: SIGN CONFIGURATION, LETTERING, CHARACTERS
AND BRAILLE TO COMPLY WITH 2010 ADA REQUIREMENTS

RESTROOM SIGN SCHEDULE

C1
A6.2

SCALE: 3" = 1'-0"



②

②

RESTROOM SIGN PLACEMENT

A1
A6.2

SCALE: 1/4" = 1'-0"



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JEFFERSON COUNTY
HIGHWAY VEHICLE
MAINTENANCE FACILITY
A6.2 - SCHEDULES, PANEL SIGNAGE

PROJECT NO.:
12147

DATE:
07/09/13

REVISION:
ADD # 2

SHEET NO.:

AD2-A2