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March 13, 2019

**Addendum No. 1  
To Plans, Contract Documents and Specifications**

**PLK West Apron Rehabilitation**

This addendum shall be part of the Plans, Contract Documents and Specifications to the same extent as though it were originally included therein, and it shall supersede anything contained in the Plans, Contract Documents and Specifications with which it might conflict.

**Note: Receipt of this Addendum shall be acknowledged on the submitted Proposal Form in the space provided. Failure to do so may subject the Bidder to disqualification.**

**1. Pre-Bid Conference Meeting Minutes**

- All items contained in the meeting minutes shall be considered part of this addendum.

**2. Electrical Concrete Requirements**

- The electrical specifications reference SS-300 for concrete materials, while the electrical details reference P-610. Either concrete mix is acceptable.

**3. Electrical Sign Connection to Concrete Pad (E-201)**

- Sign attachment to concrete pad may vary from detail shown based on manufacturer's requirements. Proposed attachment method may be submitted during construction for review. Frangible coupling shall meet standard FAA requirements.

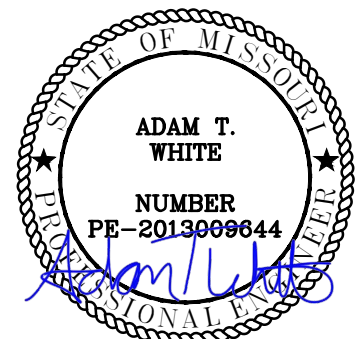
**4. Electrical Cable Tag (E-202)**

- Cable tag submittal will be reviewed during construction. Plastic tags will be considered provided the text is permanently affixed to the tag. All tags must be in general conformance with the plans and details. Final determination of acceptance will be made by the Engineer.

**5. MO-401 Mix Design Clarifications**

- Replace the last sentence of paragraph 1 of Section 401-2.2 with "The grade of asphalt cement shall be PG 70-22."
- In accordance with MoDOT section 1015.10.3.1, PG 64-22H is equivalent to PG 70-22.
- Replace the last sentence of paragraph 1 of Section 401-3.1 with "The mixture shall conform to the requirements of the 2018 MSSHHC Section 401 using gradation BP-1. Use of RAP or Recycled shingles will not be allowed."

By: Adam White  
Adam White, PE  
Project Manager





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## Meeting Minutes

**Meeting Date:** March 5, 2019

**Date:** March 13, 2019

**Attendees:** See attached sign-in sheet

**Author:** Scott McReynolds

**RE:** M. Graham Clark Downtown Airport (PLK)  
West Apron Rehabilitation  
Pre-Bid Conference

**Attachments:** Agenda; Sign-in Sheets

**Copies To:** Attendees; Plan Holders

An optional pre-bid conference was held at 10:00 a.m. on Tuesday, March 5, 2019 at the M. Graham Clark Downtown Airport (PLK), in regards to the PLK Apron Rehabilitation project. The purpose of this meeting was the review the Plans, Contract Documents and Specifications, and discuss key project elements related to successful completion of the project. All items on the attached Pre-Bid Conference Agenda were discussed. Additional elements specifically discussed during the meeting include the following. **Bold items represent additional information determined after the meeting or a change to information discussed during the meeting.**

1. The bid opening will take place in the Taney County Offices at 132 David Street, Forsyth, MO on March 19, 2019 at 2:00 pm.
2. Bidders shall be plan holders on QuestCDN to receive Q&A and Addendum notifications.
3. Taney County will issue a State sales tax exemption certificate to the successful Bidder as outlined in the Instructions to Bidders.
4. **Water for water blasting and other uses is available on site via fire hydrants and will be at no additional cost to the contractor. Use of a backflow preventer will be required.**
5. In accordance with P-101-3.3 and P-620-3.3, water blasting or other approved methods may be used for pavement marking removal.
6. Existing markings that are in the correct position will not be removed prior to pavement rehabilitation.
7. **Water disposal from a water blaster may be disposed of in a similar fashion as storm water. Appropriate erosion control measures shall be in place and any on-site dumping location must be approved by the Airport.**
8. In accordance with P-620-2.3, all beads for pavement marking shall be Type I, Gradation A.
9. Temporary Markings do not receive black outlines or beads and shall be applied at a reduced application rate. Reflective Markings are applied at the full rate and receive glass beads. Non-Reflective markings are applied at the full rate and do not receive glass beads. Black outlines and yellow tie-down markings are Non-Reflective.

10. A construction observer will be on-site to layout crack repair locations.
11. Existing crack sealant that is in good condition shall remain in place.
- 12. Crack routing is NOT required. Crack preparation shall be in accordance with P-101-3.2 and P-101-3.9.1.**
13. Millings generated from the mill and overlay portion of the apron shall be used for repair of the haul road. Millings shall be compacted to create a tight surface. This work is subsidiary to Site Preparation.
14. Some contingency asphalt and base quantity may be available to pay the contractor for isolated patching and/or more severe haul road repairs, but repair quantities will be limited and not able to be calculated until near the end of the project. **Damage caused by the contractor during construction that exceeds the amount of millings or paid repair quantities available, will be the responsibility of the contractor as a part of Site Preparation.**
- 15. The city of Hollister is constructing a project approximately 1 mile away from the airport. This is a potential waste site. The contractor is not required to utilize this site and any requirements imposed by the city (gradation, material separation, etc.) will not be considered for payment under the Apron Rehabilitation project. Additional information may be obtained from Terry Brashear, City of Hollister Public Works (417-464-2481).**

Copy to File: 18041461

Copies to Garver:



**PLK West Apron Rehabilitation  
Branson, Missouri**

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**Pre-Bid Conference  
March 05, 2019**

**1. Purchasing Plans**

- a. Planroom.GarverUSA.com
- b. eBidDocTM Number 6125308
- c. Addendums
- d. Bidding Q&A
  - i. Scott McReynolds [SAMcReynolds@GarverUSA.com](mailto:SAMcReynolds@GarverUSA.com)

**2. Bid Opening**

- a. Time: Tuesday, March 19, 2019 @ 2:00 PM
- b. Location: **Taney County Offices**, 132 David Street, Forsyth, Missouri 65653
- c. Questions: Contractor questions taken until 5:00 PM on Friday, March 15, 2019
- d. Use commercial service for sending bids ahead of time (USPS will not be accepted)

**3. Scope of Project**

- a. West Apron Rehabilitation & Reconstruction
  - i. Crack Fill & Seal Coat
  - ii. Mill & Overlay
  - iii. Reconstruction
- b. Runway Rehabilitation (Additive Alternate 1)
  - i. Crack Fill and Seal Coat

**4. Construction Safety and Phasing Plan (CSPP)**

- a. Total Contract Time
  - i. Base Bid – 120 Calendar Days
  - ii. Additive Alternate 1 – No Additional Calendar Days
  - iii. Runway Closures
    - 1. 14 calendar days (crack seal & seal coat)
    - 2. 2 calendar days (final markings)
    - 3. Separate Liquidated Damages for Runway Closure (\$1,000)
  - iv. Weather Days detailed in Special Provisions
- b. Phase 1 – Base Bid & Additive Alternate Work Area
  - i. Staging Area
  - ii. Site Access
    - 1. Haul Road Repair
    - 2. Heavy Vehicle Access Route
  - iii. Runway Closure Markers (Contractor Furnished)
  - iv. Lighting Barricades (Contractor Furnished)
- c. Phase 2 – Base Bid Work Areas
  - i. Staging Area
  - ii. Site Access
    - 1. Heavy Vehicle Access Route
  - iii. Lighting Barricades (Contractor Furnished)
  - iv. Aircraft coordination



## **PLK West Apron Rehabilitation Branson, Missouri**

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**Pre-Bid Conference  
March 05, 2019**

- d. Phase 3 – Base Bid Work Areas
  - i. Staging Area
  - ii. Site Access
    - 1. Heavy Vehicle Access Route
  - iii. Lighting Barricades (Contractor Furnished)
  - iv. West hangar access coordination

### **5. Erosion Control & SWPPP**

- a. Missouri SWPPP required to be executed and maintained.
  - i. Draft copy on plan room Q&A section
- b. Dust control will be required by the Contractor.
- c. Borrow Area and Staging Area BMPs are not included in the plans, but are the responsibility of the Contractor. No additional payment, subsidiary to P-156.

### **6. Rehabilitation Plan**

- a. Crack fill & Seal Coat (P-608)
  - i. Apron
  - ii. Runway
- b. 2" Mill & Overlay
  - i. Crack Seal after mill, if necessary
  - ii. No grade changes
  - iii. Millings used for repair of the haul road
- c. Reconstruction
  - i. Connector Realignment
- d. New Construction
- e. Concrete Drainage Swale

### **7. Demolition Plans**

- a. Utilities
- b. Tie Downs
  - i. Pavement
  - ii. Infield
- c. Material Disposal
- d. Boring Logs located on the demolition plans.
  - i. Geotechnical report available on the plan room Q&A section

### **8. Grading and Drainage Plans**

- a. Concrete Drainage Swales
- b. New RCP
- c. Concrete pad at foundation buttress

### **9. Typical Sections**

- a. Apron Pavement Section



**PLK West Apron Rehabilitation  
Branson, Missouri**

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**Pre-Bid Conference  
March 05, 2019**

- i. 4" MO-401 ACHM (BP-1, PG 76-22)
  - ii. 6" MO-209 Aggregate Base (MoDOT Type 5 Aggregate)
  - iii. 14" P-154 Subbase
  - iv. Geotextile Fabric
- b. Concrete Section
  - i. Ditches
  - ii. Buttress Pad

**10. Miscellaneous Details**

- a. Crack Repair
  - i.  $> \frac{1}{2}$ "
  - ii.  $< \frac{1}{2}$ "
- b. Tie Downs

**11. Pavement Marking Plans**

- a. All Markings Waterborne
- b. Marking Removal (Runway only)
  - i. Existing Marking Condition
- c. Apron Markings can be done at completion of project
  - i. Exception – Western Hold Line

**12. Electrical Improvements**

- a. Taxiway Light Removal
- b. New Reflectors at connector intersection
- c. Unlit Signs

**13. Miscellaneous**

- a. MoDOT Grant
- b. Missouri Wage Rates
- c. Hold Bids for 90 days

**14. Questions**