



## RFP 23MCO609

### In response refer to RFP NO. 23MCO609 Addendum 1 and Response to Questions July 7, 2023

Gentlemen/Ladies:

This addendum is being issued to make the following changes:

- Bid form updated to include:
  - Traffic Control
  - Striping Tabs
  - Expected Duration
  - Start Date
- Plan updates to include:
  - In-place quantities measurement requirement
  - Edge Repair detail update
  - Shoulder Work detail update
  - Typical Section detail update

The following questions have been asked according to the instructions of the bid and are hereby answered:

1. C-23.0 Pavement, Detail 'A' Pavement Edge Repair detail shows a 3" drop off to the shoulder. Is this correct or do you want the 8 feet wide shoulder work to be flush with edge repair?

The edge of the HMAC needs to be finished with a tapered edge, as shown in the plans. The detail has been revised to show the flex base final position to be flush with the top of the HMAC. See attached revised plans.

2. C-23.0 Pavement, Detail 'A' Pavement Edge Repair detail shows a vertical joint from existing surface to the subgrade and reworking or scarify existing base material, compact & finish. This will most likely fail and come apart. Can only the existing HMAC be removed, proof roll existing base once it's on grade then add tack coat then 3" HMAC and can the HMAC be bid by the ton?

The Edge Repair detail has been revised to show an 16-inch offset between the HMAC joint and the flex base joint. The quantities and the bid form have been revised to include a bid item for the HMAC by the ton and the Edge Repair and Shoulder Work by the square yard.

3. C-23.0 Pavement, Detail 'A' Pavement Edge Repair. If base must be reworked to subgrade can the HMAC joint be offset an additional 12" towards center line?

See answer to Question #2 above.

4. MC-30 prime will take up to 72 hours to set before HMAC can be applied. This will leave edge repair and shoulder joint open and vulnerable. The MC-30 will also track onto driveways, cars and other vehicles while curing. Can AE-P be substituted?

AE-P is acceptable. Contractor to submit substitute material details and recommended application rate and procedure for review and approval by the Engineer prior to the start of construction.

5. AC-25TR. If project progresses into September or October and this material is no longer available can we suspend time until it is available?

The material specified is AC20-5TR.

The completion timeframe and schedule are a part of the Best Value selection criteria. It is the intent of Midland County to complete this work this year. If the Contractor believes that the work cannot be completed this year, a suspension may be negotiated if weather demands such.

6. C-23.0 Pavement, Detail 'B' & General Notes #2 Edge Sealing calls out CMS-2P or equivalent. This material calls for a 24-hr wait (or longer if needed to cure), then an additional 48 hours before seal coat can be applied. Can CMS-1P be used? CMS-1P is equivalent and has rejuvenator as well and will set up in 1-2 hrs.

The Edge Sealing detail has been updated to show the application of the CMS-2P after the application of the seal coat.

It is the understanding of the Engineer that the quicker cure time of 1P vs 2P is because the products are used for different applications. CMS-1P is typically used as a fog seal due to its lower viscosity. The lower viscosity results in a thinner application since it flows more into cracks and crevices. This thinner surface layer results in a shorter life span. If CMS-1P is approved for use, an adequate application rate should be used to ensure a proper seal. If the Contractor would like to substitute the CMS-1P, the Engineer will require a test area of CMS-1P and a test area of CMS-2P to be installed on a short section of the project for inspection by the Owner and the Engineer prior to the approval of the substitute material for the whole project. Additionally, Contractor to submit substitute material details and recommended application rate and procedure for review and approval by the Engineer prior to the start of construction.

7. Time Frame/ Duration. We don't feel that 120 working days is enough time to complete the project. Can the calendar days be extended or added as a bid item?

The completion timeframe and schedule are a part of the Best Value selection criteria. Calendar days have been added as a bid item.

8. WCR 52 Sheet C2.0. "Refurbish dead end." Do the quantities for WCR 52 reflect the refurbish dead end materials needed?

Quantities for WCR 52 do include materials to refurbish the dead end.