
MEMORANDUM

TO: RANDY HILL, PUBLIC WORKS DIRECTOR
FROM: JON LUTZ, CITY ENGINEER
SUBJECT: MUSSER PARK TO WIGGENS ROAD TRAIL
ARCHEOLOGICAL SURVEY SERVICES
DATE: JUNE 18, 2014

INTRODUCTION:

The City of Muscatine has planned for a 9.45 trail beginning from Houser Street at Kent Stein Park to the Louisa County Line near Wiggens Road. See attached location map showing the proposed trail route. New trail will be constructed on 5.18 miles while the remaining length will be on low volume hard surfaced roads and trails. Funding has been organized and preliminary alignments and cost estimates have been prepared. Initial NEPA environmental approval was granted based on an original shorter alignment. The current route contains 2.5 miles of additional length requiring approval. NEPA approval is required before easements can be obtained.

BACKGROUND:

The Louis Berger Group performed the phase I archeological investigation for this project in 2011. We requested and have received their proposal to perform an investigation and supplemental report on the 2.5 miles not yet examined. Professional fees for these services are not to exceed \$5,600.00.

RECOMMENDATION/RATIONALE:

The City Engineer recommends approving a purchase order for not to exceed \$5,600.00 to The Louis Berger Group, Inc. for a supplemental phase I archeological investigation on the Musser Park to Wiggens Road Trail.

BACKUP INFORMATION:

1. Proposal
2. Location map



TRAIL LENGTH SUMMARY

SOUTH SEGMENT = 0.22 MI
 MIDDLE SEGMENT = 0.46 MI
 NORTH SEGMENT = 4.45 MI
 NEW TRAIL LENGTH = 5.13 MI
 FRUITLAND TRAIL = 0.28 MI
 SHARE THE ROAD = 4.06 MI
 TOTAL TRAIL ROUTE = 9.47 MI

END TRAIL
 CONSTRUCTION
 NORTH SEGMENT
 4.45 MI

Houser
 Mittman Rd
 Grandview

US 61 BYPASS
 IA HWY 92

CITY LIMITS

BEGIN TRAIL
 CONSTRUCTION
 NORTH SEGMENT

CITY OF
 MUSCATINE

NORTH ST

CITY OF
 FRUITLAND

BOX CAR RD

BEGIN TRAIL
 CONSTRUCTION
 MIDDLE SEGMENT
 END 0.46 MI

FRUITLAND RD

END 0.22 MI

STEWART RD

Oglevie Ave
 X61

BEGIN TRAIL
 CONSTRUCTION
 SOUTH SEGMENT

Wiggens Rd

Monsanto

MUSCATINE COUNTY
 LOUISA COUNTY

ILLINOIS
 MISSISSIPPI RIVER

LEGEND

— EXISTING TRAIL
 - - - NEW TRAIL
 SHARE THE ROAD

TRAIL COMPLETED TO LOUISA COUNTY

LOCATION MAP

DRAWN BY: JL
 DATE: 06/10/14

MUSSEY PARK TO WIGGENS ROAD TRAIL



THE Louis Berger Group, INC.

June 18, 2014

Jon Lutz, P.E.
City Engineer
Muscatine Public Works
1459 Washington Street
Muscatine, Iowa 52761

RE: Cost Estimate for Supplemental Phase I Archaeological Survey for the Musser Park to Wiggins Road Segment of the Mississippi River Trail

Dear Mr. Lutz:

Thank you for requesting from The Louis Berger Group, Inc. (Louis Berger) a cost estimate to perform supplemental Phase I archaeological survey for the Musser Park to Wiggins Road segment of the Mississippi River Trail in southwest Muscatine, Iowa. This segment of the trail is 9.47 miles long and extends from a point on South Houser Street north of Tom Bruner Field generally south and southwestward to the Louisa County line along Ogilvie Avenue. The trail will be 10 feet wide within a 25-foot-wide permanent easement. The Fruitland Trail accounts for 0.28 miles. The trail follows exiting roadway (Share the Road) for 4.06 miles. Approximately 5.13 miles will be new trail. The south segment of the new trail is 0.22 miles long and connects Ogilvie Avenue with Fruitland Road. The middle segment of the new trail is 0.46 miles long and connects 57th Street with 55th Avenue south of 49th Street. The north segment of the new trail is 4.45 miles long and extends northeast and northward from Sevig Street to the north end of the project area. Of this segment, 1.95 miles of the new trail along South Houser Street from south of Musser Street to 41st Street was previously surveyed by Louis Berger in 2011. Therefore, the current survey will include only 2.5 miles of the 4.45 miles of new trail. Walkover inspection can be done for those areas that are cultivated and have good ground surface visibility. Subsurface testing will be needed to sample areas where the ground surface visibility is low (less than 25 percent) to comply with Iowa State Historic Preservation guidelines.

We estimate we can complete the required survey work for the 2.5 miles of new trail not previously examined and prepare a report for a total time-and-materials cost not-to-exceed **\$5,600.00**. The report will reference the report of the previous survey in 2011 by Louis Berger for this project. We will only invoice CIPCO for actual costs to complete the required survey work.

If our proposed fee structure is agreeable, please endorse this letter in the space provided below and return to us by fax at 319.373.3045 or email at cschoen@louisberger.com. This will serve as notice-to-proceed and it is all we will need to begin work on the projects.

Please contact Chris Schoen at 319.373.3043, extension 3034, or at 515.509.5033 if you have any questions or need additional information



THE Louis Berger Group, INC.

Sincerely,

The Louis Berger Group, Inc.

Christopher M. Schoen

Christopher M. Schoen, RPA
Senior Archaeologist, Cultural Resources

Signature Approval: _____ Date: _____

Printed Name: _____ Title: _____