



Mackin Engineering Company

R.I.D.C. Park West
117 Industry Drive
Pittsburgh, PA 15275-1015
Phone: (412) 788-0472
Fax: (412) 787-3588

May 12, 2017

Dr. Vincent Troia, Executive Chairman
Ohio River Trail Council
Troia Building
1100 Pennsylvania Ave
Monaca, PA 15061

RE: Ohio River Trail Council (ORTC)
Design Proposal for the Ohio River Trail
Airport Connector and Crescent Borough
Extension
Allegheny and Beaver County
Mackin Project PIN 17-108

Dear Dr. Troia,

As requested, find below a scope and a budget to complete design for an on-road bicycle route. As understood, this is an enhancement to the current roadway system to better accommodate on-road bicycle access and wayfinding, to provide a bike route connection between the Ohio River Greenway Trail, Crescent Borough, Findlay and Moon Townships, and the Pittsburgh International Airport.

Mackin Engineering Company is pleased to present this proposal to the Ohio River Trail Council to complete a submission package to PennDOT District 11-0 for the on-road bicycle route. It is our understanding that route mapping and quantitative data is for submission to PennDOT District 11-0 for review and approval of a bicycle route enhancement project.

The bicycle route will review approximately 9-miles of roadway and provide signing and pavement marking recommendations to improve wayfinding and safety for bicyclists, and increase the awareness of the cycling route to the motorist. Depending on the findings, the project may also recommend and quantify improvements to roadway surfaces, shoulders, and drain inlets.

The project will investigate on-road routes along state, county, airport authority and local roads to find the most suited, safest and most direct connection for cyclists. The anticipated route includes State Route 51 from the Sewickley Bridge west towards Stoops Ferry Road; Stoops Ferry Road, Flaugherty Run Road, Extension along SR 51 to Route 151,

Clinton Road, to Airport Authority Access Roadway and the Montour Trail Connector Route into the Airport.

The scope of work includes the following meetings:

- Meet with PennDOT District 11-0 Ped-Bike Coordinator
- Up to two (2) community meetings with stakeholders and the public
- Meet with the Airport Authority

The ORTC is to make arrangements for the airport authority and the public/stakeholder meetings.

Deliverables will include route mapping, a letter report, a sign and pavement marking tabulation chart, standards for sign installation, recommended improvements to intersections and shoulders, example graphics, and an estimate of costs for construction. A set of draft plans will be reviewed with the ORTC and then edited for final review and submission to PennDOT. When complete, five hard copy sets of deliverables and one digital set will be provided to the ORTC for reproduction and distribution.

The design schedule is anticipated to be completed in 6-8 months, depending on agency time for permit review and approval. The project can be completed for a budgeted cost of \$48,800.

Please give me a call if you have questions or wish to discuss the proposal. If you are in agreement with the scope and cost, please contact our office and we will submit a contract agreement for signature.

Thank you for your consideration of our firm.

Sincerely,

MACKIN ENGINEERING COMPANY



Robert W. Genter, RLA, ASLA
Director- Land Development Services
rwg@mackinengineering.com

RWG/rwg
Enclosure