



## MEMORANDUM

**To:** Jack M. Kelsey, P.E.  
Transportation Engineer  
Office of Facilities Development  
County of Albemarle

**From:** Brian McPeters, P.E.  
Kimley-Horn and Associates

**Date:** August 14, 2015

**Subject:** Richmond Road (Route 250) Pedestrian Crossing Feasibility Study  
Albemarle County, Virginia

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### Project Understanding

As requested, please find the following draft outline of tasks to complete a pedestrian crossing feasibility study on Richmond Road (US 250) generally between I-64 and the Rivanna River (refer to **Attachment A**). The purpose of this study is to:

1. Determine where pedestrian crossing(s) on Richmond Road are needed within the corridor, and
2. Determine the type of pedestrian improvements needed to facility pedestrian crossings at the identified locations.

### Scope of Work and Fee Estimate

The following outline summarizes the anticipated tasks required to meet the above purpose. Should you choose to proceed with the study a more detailed scope and fee, including schedule, will be developed for your review and comment.

- Task 1 – Project Management, Coordination, and Meetings
  - Internal project coordination and quality control
  - External project coordination with County of Albemarle and VDOT
  - Up to 3 online meetings/conference calls at project milestones
- Task 2 – Data Collection
  - Assumes data collection at up to 3 study intersections (refer to **Attachment A**)
  - Proposed data collection time periods (final count periods to be determined in conjunction with Albemarle County at time of scoping)
    - Weekday, AM peak period (7:00 AM to 9:00 AM)
    - Weekday, Midday period (11:00 AM to 1:00 PM)
    - Weekday, PM peak period (4:30 PM to 6:30 PM)
    - Weekend (Saturday or Sunday),
  - Coordination with VDOT to obtain 3 most recent years of crash data

- Field inventory, review, and observation of pedestrian activity within the study corridor
- If necessary, compilation and review of relevant studies and plans within the area
- Task 3 – Existing Conditions
  - Summarize the following existing information in map and/or tabular format
    - Traffic count data (passenger car, pedestrian, bicyclist)
    - Crash patterns
    - Existing pedestrian crossing accommodations
    - Summary of field observations
    - Surrounding land uses
- Task 4 – Recommendations
  - Recommended locations where pedestrian crossings should be provided
  - Type of pedestrian improvements may include:
    - Crosswalks installations and traffic signal improvements
    - Mid-block crossings at grade
    - Grade-separated crossings (i.e. pedestrian bridges)
  - Planning level cost estimates for recommended improvements
- Task 5 – Documentation
  - Summary of data collection, existing conditions, and recommendations in a technical memorandum
  - Assumes round of revisions based on comments provided

Kimley-Horn can provide the services described in Tasks 1 – Task 5 for a fee ranging between \$25,000 and \$40,000. Key assumptions influencing the fee include the number of study intersections, number of peak period for which data is collected, and developing planning level cost estimates for proposed recommendations.

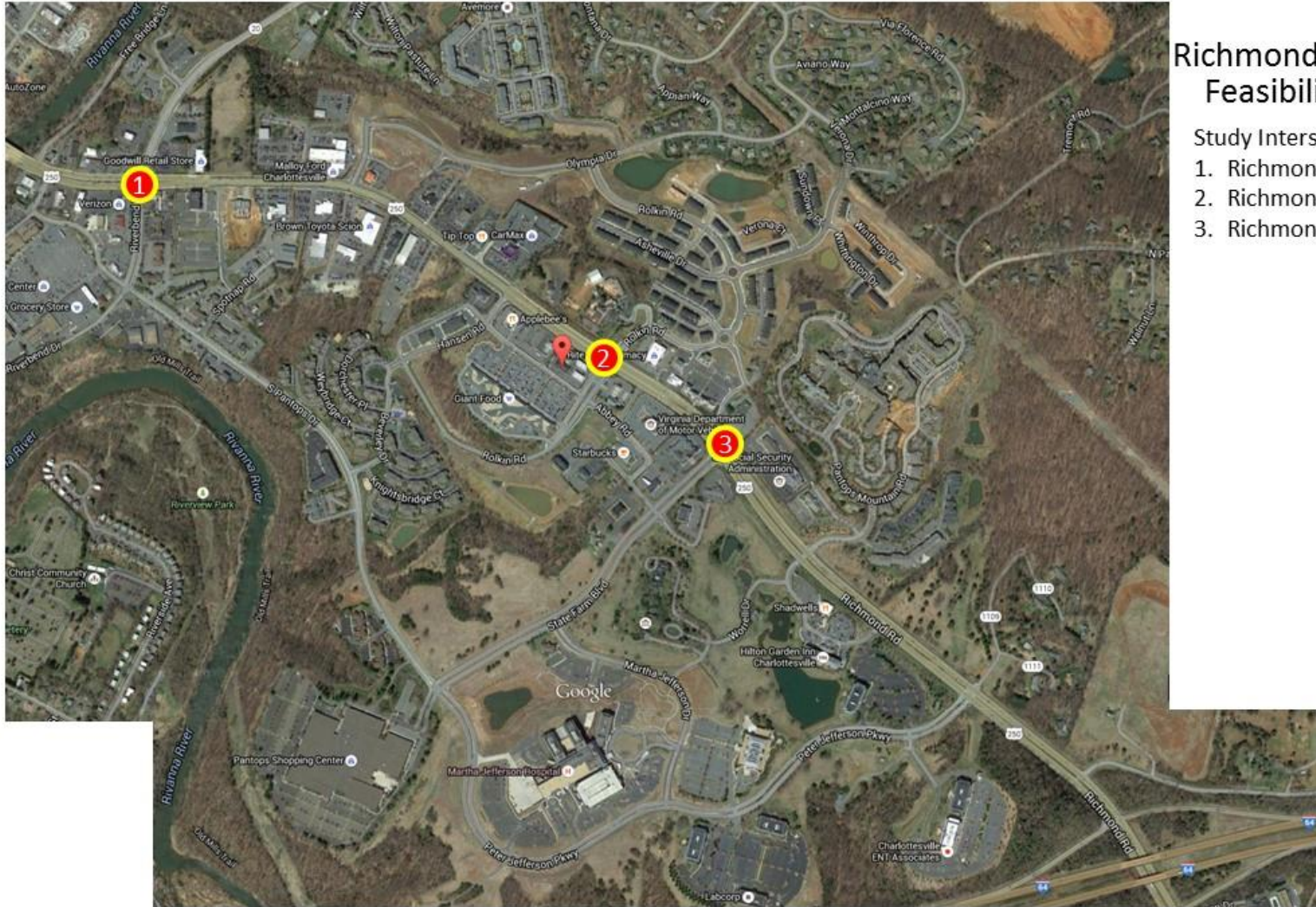
On behalf of Kimley-Horn and Associates, we appreciate your continued business and thank you for considering us to provide our services for this project. Should there be questions, please do not hesitate to give me a call at (804) 673-3882.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Brian McPeters, P.E.

**Attachment A:** Richmond Road Pedestrian Crossing Feasibility Study – Study Corridor



## Attachment A: Richmond Road Pedestrian Crossing Feasibility Study, Albemarle, VA

Study Intersections (Up to 3):

1. Richmond Road at Riverbend Drive/Route 20
2. Richmond Road at Rolkin Road
3. Richmond Road at State Farm Boulevard