



# Regional Long-Range Plans for Transportation

Consultant Support - Overview of Scope of Work

## Consultant Team

- A consultant team will provide technical support to VDOT and the PDC's in developing Regional Long-Range Plans (RLRPs) for the non-metropolitan areas of the state
- Prime - Vanasse Hangen Brustlin (VHB)
- Subs
  - Parsons Transportation Group (PTG)
  - McCormick Taylor
  - T3

## Contract Tasks

VHB will be assisting the PDCs in the following area:

- **Compiling and Reviewing Existing Data**
- ***Collecting Supplemental Data* (additional cost)**
- **Assist with identifying “hot spots” (area with safety and/or congestion problems in need of further analysis)**
- **Reviewing forecast and assess demand - Roadway, Transit, Bike Ped, Goods Movement**
- **Assist with development of recommendations – Operational, Corridor/Land Use, Expansion, New location, Transit**
- **Public Involvement**
- **Preparing & Printing Final Plan**
- **Website Development**

## Compiling Existing Data

**The VHB Team will coordinate with VDOT and the Planning District Commissions (PDCs) to obtain the following information, as available, to support analysis for the studies:**

- **GIS layers and tables including multi-modal geographic and attribute data, Census data, jurisdiction boundaries, identified needs from the 2025 State Highway Plan, high crash areas, other infrastructure geographic and attribute data, and business (VEC) data.**
- **Highway inventory data, including major projects in the Six-Year Improvement Program**
- **Transit services inventory**
- **Bicycle/pedestrian inventory**
- **Freight generator inventory**
- **Airport inventory**

# Compiling Existing Data

## Cont:

- Locations and attributes of major activity centers and high growth areas
- Locations and attributes of sewer and water infrastructure
- Virginia Employment Commission data on population and employment growth, commuting patterns, labor market data
- Mapping of disadvantaged population groups
- Summaries and copies of existing regional/local plans and studies
- Aerial photography (most recently available)
- Traffic counts (all available traffic counts, including segment and intersection counts)
- Deliverables
  - Organized data set for each PDC
  - Data sufficiency review

## Collecting Supplemental Data

- Draft scope of work provides for data collection and analysis for up to 720 spot locations statewide to supplement the data and analysis to be provided through SPS-Lite
- Any further data collection will incur additional costs
  - The data sufficiency review will be used to assess need for additional data collection

# Hot Spots

- **Hot spot conversion rates**
  - Intersection = 1 hot spot
  - Roadway segment = 2 hot spots
  - Interchange = 3 hot spots
- **AM / PM peak hour analyses will be conducted**
  - Highway Capacity Manual methodology will be used
  - Synchro analyses when applicable
- **Existing year and horizon year analysis**

## Develop Recommendations (Phase III)

- Based on public feedback and PDC/VDOT coordination, the VHB Team will further develop, refine, and compile recommendations for roadway, transit, bicycle/pedestrian, and goods movement
- Recommendations will include:
  - **Operational improvements:** identification of minor improvements that could be made to existing corridors such as signal improvements, addition of turn lanes, lane widening, and closure/shifting of crossover and access points.
  - **Corridor/land use interface improvements:** identification of access management or control recommendations to enhance the flow and safety of traffic in major transportation corridors.
  - **Facility expansion:** identification of major improvements such as reconstruction, construction of additional lanes, upgrading to limited access, providing grade separation, bridge widening, etc.
  - **Facility on new location:** If the existing facility cannot be improved due to right-of-way, engineering, or environmental considerations, a new facility may be considered.

# Environmental Concerns

- The VHB Team will provide “Alternatives” and “Purpose and Need” templates to assess and document potential environmental impacts at an overview level and to provide coordination with potential follow-on NEPA activities.

# Public Involvement

## The VHB Team in coordination with VDOT and the PDCs will:

- Provide outreach to transportation disadvantaged groups
- Identify and attend tag-along meeting
- Develop and maintain website
- Assist with response to website comments
- Conduct a Public Information meeting after the draft plan has been approved
- Each PDC is encouraged to supplement these public involvement activities

## Communications Website

- VHB Team will create and maintain a secure, password protected Internal Study Team Website known as WorkSite MP.
- The VHB Team would maintain this Internal Study Team Website throughout the study process. This website would contain internal study information such as:
  - Study Team Contact Information
  - PDC and Stakeholder Contact Information
  - Media Contact Information
  - Communications Efforts
  - Events Plan
  - Meeting/Event Minutes
  - Products and Study Information
  - Schedule
  - Action Items/Information Alerts
  - Study Bulletins
- VHB will hold training with VDOT and PDC staff on how to access and use this web-based tool

## Final Plan

- **The final plan will consist of the following deliverables:**
  - **Technical Report: 25 copies**
  - **Plan Map: 300 copies**
  - **Executive Summary: 100 copies**
  - **CD's with all three documents in PDF format: 50 copies**
  - **VDOT Website information**