Part A  Date of Review: ______________________

Route or Name of Facility ___________________________

Project ___________________________ UPC __________________

From: ___________________________ To: ___________________________

County, City or Town ___________________________ Virginia

District __________ 6 Year Plan (Year) __________ Page ______ Line ______

Type of Facility: (Interstate, Primary, Urban, Secondary, Bridge, Bicycle, Other) ___________________________

PE Authorization Date __________ Type Plan Assembly (C,M,N) ___________________________

Scheduled Advertisement Date ___________________________

Amount Authorized for PE ___________________________

Type of Financing: State __________ Federal __________ Other __________

6 Yr. Plan Est.: PE __________ R/W __________ Const. __________ Total __________

(Incl. Utilities) __________

Engineer’s Est.: PE __________ R/W __________ Const. __________ Total __________

(Railroad Force Account Est.: ___________________________

Description of Work: ___________________________

Design Speed __________ Functional Class. ___________________________

Existing Traffic ADT (Yr. _____ ) % Trucks __________

Design Year Traffic ADT (Yr. _____ ) DHV __________

(if available) ___________________________

Project Length _________ Alignment Length _________ Should utilities be designated? _____

3R Guidelines used? _________ If no, explain ___________________________

Are you aware of the need for any 3R waivers or design exceptions? (Yes or No) ______

If yes, attach separate documentation for approval with this LD-430 form.

Are you aware of any sinkholes along the project corridor? (Yes or No) ______

<table>
<thead>
<tr>
<th>GEOMETRICS:</th>
<th>Existing</th>
<th>Proposed</th>
<th>Existing</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Lanes</td>
<td>_________</td>
<td>_________</td>
<td>Lane Width, m/ft.</td>
<td>_________</td>
</tr>
<tr>
<td>Median Type</td>
<td>_________</td>
<td>_________</td>
<td>Curb &amp; Gutter Location (one side, both)</td>
<td>_________</td>
</tr>
<tr>
<td>Fill Shoulder, m/ft.</td>
<td>_________</td>
<td>_________</td>
<td>Ditch Width, m/ft.</td>
<td>_________</td>
</tr>
<tr>
<td>Cut Shoulder, m/ft.</td>
<td>_________</td>
<td>_________</td>
<td>Median Shoulder, m/ft.</td>
<td>_________</td>
</tr>
</tbody>
</table>

Existing Pavement to be Used ___________________________
**PART A (cont.)**

<table>
<thead>
<tr>
<th>Widening Existing Pavement</th>
<th>Existing Pavement Width</th>
<th>m/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>(one side, both)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Widening Lt.</th>
<th>m/ft.</th>
<th>Widening Rt.</th>
<th>m/ft.</th>
</tr>
</thead>
</table>

Bicycle and Pedestrian Accommodations:

Does the locality have a biking or walking accommodations plan? (Yes or No) [__________]

<table>
<thead>
<tr>
<th>Sidewalk</th>
<th>Width</th>
<th>Proposed Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shared Use Paths: (10’or12’)</th>
<th>Width</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Is Shared Use Path meandering? (Yes or No) [__________] (Yes or No) [__________]

What is the additional Right-of-Way width necessary for proposed meandering pathways?

<table>
<thead>
<tr>
<th>Bicycle Lanes:</th>
<th>Width</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wide Outside Lane: (14’or15’)</th>
<th>Width</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please indicate “yes” by the following bicycle and pedestrian accommodations that apply:

- [ ] paved shoulder
- [ ] shared lane
- [ ] pedestrian path
- [ ] crosswalk
- [ ] pedestrian signals
- [ ] median/refuge island
- [ ] curb ramp
- [ ] horse & buggy
- [ ] other

Was bicycle and pedestrian access to exiting and proposed transit connections coordinated with DRPT? (Yes or No) [__________]

If yes, attach separate documentation supporting the coordination or include in the scoping meeting minutes.

Note: If bicycle or pedestrian accommodations are not provided, please indicate “yes” by the exemption below that applies as described in section 3.4 of VDOT’s “Policy for Integrating Bicycle and Pedestrian Accommodations”. This policy is available on the web:


- [ ] scarcity of population, travel, and attractors, both existing and future, indicate an absence of need
- [ ] environmental or social impacts outweigh the need
- [ ] safety would be compromised
- [ ] total cost to appropriate system (i.e., interstate, primary, etc) is excessively disproportionate to need
- [ ] purpose and scope of project do not facilitate the need for provision (e.g., Rural Rustic Road Program)
- [ ] bicycle and pedestrian travel is prohibited by state or federal laws

If one of the above conditions exists, you must attach the supporting documentation which establishes the exemption.
Have Roundabouts been considered? (Yes or No) ______

Provide answers and input below, or on an attached sheet/file, concerning the following topics/questions:

1. Aesthetics / Context Sensitive Design: Identify items requested by Locality/Community that are anticipated, or are otherwise applicable to this project.
2. Landscape/Streetscape Plans (Street Trees/Planting Plans, paver crosswalks/sidewalks, street furniture, screening, etc.) Identify these items.
3. Other Special Aesthetic Considerations? (bridge aesthetics, wall treatments, architectural lighting, mitigation of impacts to historical and/or recreational features, community gateway). Identify these items.
4. Retention of selected parcels for aesthetic or environmental purposes.
5. Should Bio-retention (water quality) basins be considered for this project?
6. Does this project involve (or anticipated to involve) any Memorandum of Agreement (MOA) with any State, Federal, or private agency regarding special treatment or consideration of aesthetics or scenic quality for a corridor (or part thereof), bridge structure, view shed, historic property(s), etc. thus requiring mitigation of aesthetic impacts thereto? (Copy to L&D Landscape Architecture Section).
### PART A (cont.)

<table>
<thead>
<tr>
<th>Number Bridges Req’d.</th>
<th>Suff. Rating Exist. Bridges</th>
<th>Bridge Fencing Req’d. (Yes or No)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R/W Width</th>
<th>Purchase</th>
<th>Donation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perform Recoverable Slope Study? (Yes or No) ___________ If no, explain ________________________________

List Necessary Design Exceptions:

Should a Value Engineering study on this project or specific elements be facilitated by Scheduling & Contract Division-VE Section?

Services Division?

Maintenance of Traffic Concerns:

Transportation Management Plan Category (See IIM-LD-241) 1 2 3

Minimum width of lanes to be maintained: ______ ft./m Number of lanes to be maintained ________

Restrictions on lane or shoulder closures? (Yes or No) ________

Will Temporary Detours be considered? (Yes or No) ________

Design services provided by (Central Office, District, Consultant or other)?

Project Assigned to ______________________ Phone No. ______________________

Is this project being considered for development using an alternate delivery method (PPTA, Design-build, etc)? (Yes or No) ________

If so, has coordination been made with the Innovative Project Delivery Division? (Yes or No) ________

If so, point of contact is ________________________________

Members of the Initial Field Review Team are as follows:

- District Utilities Engineer ________________________________
- Residency ________________________________
- Location and Design Project Manager ________________________________
- Location and Design (Public Involvement) ________________________________
- Location and Design (Survey) ________________________________
- Location and Design (Hydraulics) ________________________________
- Location and Design Traffic Engineering Design Section ________________________________
- Location and Design Landscape Architecture Section (if applicable) ________________________________
- Locality (if applicable) ________________________________
- Programming Division ________________________________
- Local Assistance Division (if applicable) ________________________________
- Environmental Division (address items found on Form EQ-429) ________________________________
- Right of Way and Utilities Division ________________________________
- Traffic Engineering Division ________________________________
- District Traffic Engineer ________________________________
- Transportation and Mobility Planning Division ________________________________
- Structure and Bridge Division ________________________________
- Innovative Project Delivery Division ________________________________
- Scheduling & Contract Division –Rail Section (if applicable) ________________________________
- Scheduling & Contract Division ________________________________
- Area Maintenance Engineer ________________________________
- Materials Division ________________________________
- FHWA ________________________________
- District Construction Engineer or representative ________________________________
- District Bicycle/Pedestrian Coordinator ________________________________
- Director of Rail and Public Transportation ________________________________
PART A (cont.)

Survey Information Required

Provide a letter size map or photo showing the location of project. If possible, please include a large scale photo (minimum plan ratio 1:2000 or scale 1” = 200’) to show the scope of the project.

Average width of terrain information required

List connections with length of survey needed

Does this project tie to or cross any other existing projects that are now in the survey, design, R/W, or Construction phase (Yes or No) ______

If yes, provide the following information:

<table>
<thead>
<tr>
<th>Project</th>
<th>From:</th>
<th>To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>UPC</td>
<td></td>
</tr>
</tbody>
</table>

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<th>Project</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>UPC</td>
<td></td>
</tr>
</tbody>
</table>

Does the roadway project tie to an existing bridge and/or major box culvert or pass under an existing bridge? If so, please explain and request bridge situation plans at this time as well.

Any other information which should be included with survey request

Survey Authorized by: ____________________________ Date ____________________________

District Administrator (Secondary Projects)
Assistant L & D Engineer (other projects)
PART A (cont.)

Scope Approval

NOTE: The following signatures constitute Scope approval for those projects that the Project Manager concludes no further studies are required to determine Scope. Part C of this form will be completed for Final Scope approval of those more complex projects (including Secondaries) that the Project Manager determines survey is necessary to conduct concept studies and hold a Preliminary Plan Review before establishing Scope.

Will PART C be completed for this project?  (Yes or No)  ______

Secondary System

Approved by: ___________________________ Date: ___________________________
District Construction Engineer

Approved by: ___________________________ Date: ___________________________
District Administrator

Concurrence by: ___________________________ Date: ___________________________
Programming Division Director

Interstate, Primary or Urban Systems

Approved by: ___________________________ Date: ___________________________
District Administrator

Approved by: ___________________________ Date: ___________________________
Assistant Location & Design Engineer

Approved by: ___________________________ Date: ___________________________
Programming Division Director

Comments:
________________________________________________________________________
________________________________________________________________________

____________________________________

After approval by Scoping Group please return completed form to:

Project Manager

The Project Manager will distribute copies of this report to the following upon completion:

District Administrator
District Construction Engineer
Residency Administrator
Location and Design Project Manager
Programming Division Director
Innovative Project Delivery Director
State Scheduling and Contract Division Engineer
Local Assistance Division Director (if applicable)
District Location and Design Engineer
State Survey Engineer
Scheduling & Contract Division-Value Engineering Section
Management Services Division Administrator
FHWA
PART B

This section of LD-430 should be completed to document information discussed at the Initial Field Review and should be included with information provided when project survey is requested.

Existing Conditions

Existing Posted Speed  ________________
Surface of Facility  _______________________________________

<table>
<thead>
<tr>
<th>Width of Facility</th>
<th>Ditch Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cut Slope</th>
<th>Fill Slope</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Are existing slopes holding up?  (Yes or No)  _______

Average width of existing Right of Way  _______________________________________

Businesses that may be taken  (Yes or No)  _______ If yes, number  _______

Homes that may be taken  (Yes or No)  _______ If yes, number  _______

Provide purpose and need for this project:  ______________________________________

Is this improvement in a regional or local study  (Yes or No)  _______
If yes, name of study  ______________________________________

Major structures on this project

Give a short description of major structures (replacement, rehabilitation or new structure). For existing structures, also provide the four digit Virginia structure number, and the existing five digit structure ID number (Federal ID). Also, for new structures and replacement structures, provide the new five digit structure ID number(s).

<table>
<thead>
<tr>
<th>Structure number:</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>four digit Virginia structure number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>existing five digit structure ID number (Federal ID):</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>new five digit structure ID number(s):</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Miscellaneous information

Is Railroad involved?  (Yes or No)  _______ If yes, what type of crossing is present? At grade _______ or separated _______.

Are proffers or other financial arrangements anticipated?  (Yes or No)  _______ If yes, give source and amount  ______________________________________
PART B (cont.)

Environmental impacts that may accrue on this project

Are you aware of any sinkholes along the project corridor? (Yes or No) ______

Are major utility conflicts or problems anticipated?  (Yes or No) _____ If yes, please explain _____

Are utilities present that may be attached to bridges?  (Yes or No) ______

Would this project be affected by any other project? (Yes or No) _____ If yes, please explain _____

Recommended Public Involvement for this project:

None Explain

Information meeting (s) ____________________________

Post Willingness ____________________________

Public Hearing ____________________________

Will maintenance of traffic be necessary for this project? (Yes or No) ______

Can a detour to another road be used? (Yes or No) ____________________________
PART C

NOTE: Part C of Form 430 to be utilized for projects that will have the Scope approved after receipt of survey and holding of a Preliminary Plan Review.

Design Year Traffic (Yr.) ADT DHV % Trucks

Existing Level of Service Proposed Level of Service

Describe any changes in geometric design since Initial Field Review

Describe the proposed project (i.e. four lane divided, limited access, etc.)

Were Alternate Designs Considered? If so, why was this specific design selected?

Was a Recoverable Slope Study conducted? (Yes or No). If Study was conducted will Recoverable Slopes be provided? If not provided, explain why

Est. Cost: PE R/W Const. (incl. utilities)

Date of Preliminary Field Inspection

Members of the Preliminary Field Inspection Team are as follows:

District
Residency
Location and Design Division
Locality (if applicable)
Local Assistance Division (if applicable)
Scheduling & Contract Division
Environmental Division (address items found on Form EQ-429)
Right of Way and Utilities Division
Traffic Engineering Division
Location and Design Traffic Engineering Design Section
Location and Design Landscape Architecture Section
District Bicycle/Pedestrian Coordinator

(continued on next page)
PART C (cont.)

Transportation and Planning

Structure and Bridge

Scheduling & Contract Division-Rail Section (if applicable)

Area Maintenance Engineer

FHWA

District Construction Engineer or representative

Other

Scope Approval

Approved by:  Date

District Construction Engineer (Secondaries Only)

Approved by:  Date

District Administrator

Approved by:  Date

Assistant Location & Design Engineer

Approved by:  Date

Programming Division Director

Comments:

After approval by Scoping Group please return completed form to:

Project Manager

The Project Manager will distribute copies of this report to the following upon completion:

District Administrator  Right of Way and Utilities Division,
District Construction Engineer  (Project Scheduling and Certification Section)
Residency Administrator  State Traffic Engineer
Location and Design Project Manager  Program Manager (Traffic Engineering Design)
Programming Division Director  State Transportation Planning Engineer
State Scheduling and Contract Division Engineer  State Bicycle/Pedestrian Coordinator
Local Assistance Division Director (if applicable)  District Bicycle/Pedestrian Coordinator
District Location and Design Engineer  State Structure and Bridge Engineer
State Survey Engineer  State Materials Engineer
Innovative Project Delivery Director  Scheduling and Contract Division-Rail Section
Scheduling and Contract Division-Value Engineering Section  Initial Field Review Team Members
State Environmental Administrator  FHWA