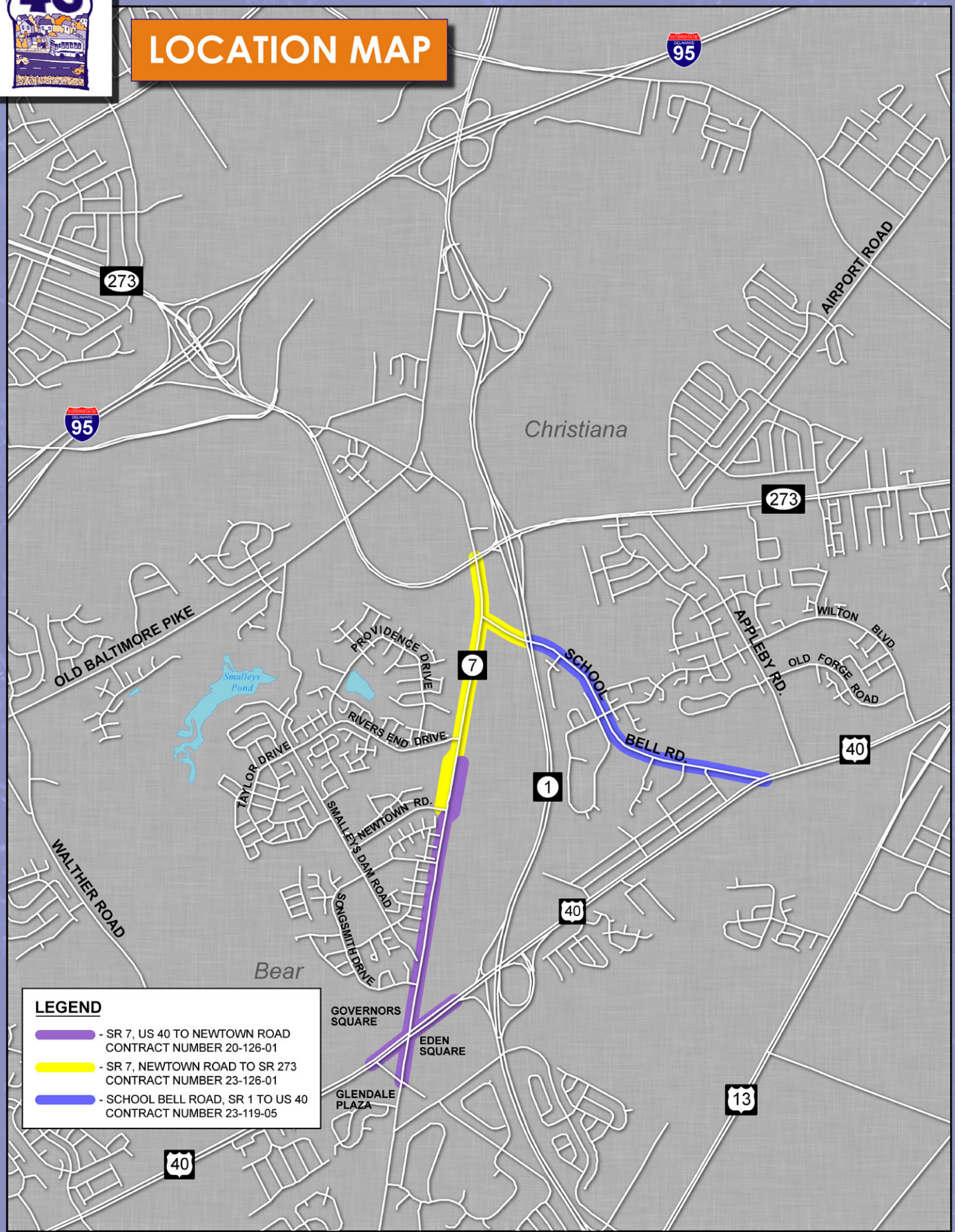
ROUTE 40 CORRIDOR

20 - YEAR TRANSPORTATION PLAN

LOCATION MAP



ROUTE 40 CORRIDOR
20 - YEAR TRANSPORTATION PLAN

SR 7
Newtown Road to SR 273

20-Year Plan Overview

- In June 2000, a 20-Year Transportation Plan for the Route 40 Corridor was adopted by a Steering Committee made up of area residents, civic leaders, business people and elected officials.

- Transportation improvements to SR 7, Newtown Road to SR 273 were recommended in Phase II of that Plan and have been advanced to address existing transportation concerns in association with the JPMorgan Chase (formerly Bank One) Core Data Center initiative.

ROUTE 40 CORRIDOR
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SR 7
Newtown Road to SR 273

Purpose of the Workshop

- The purpose of this workshop is to present the preferred design alternative that was developed based on input from the first public workshop in August 2003.

- The proposed improvements displayed tonight have been developed into preliminary construction plans. The preferred alternative will be refined during final design with consideration given to comments received tonight.

SR 7
Newtown Road to SR 273

Existing Conditions

- The limits of the project are the Newtown Road intersection on the south and the SR 273 intersection on the north.
- The following conditions have been observed and/or measured along SR 7:
  - Geometric and operational deficiencies at School Bell Road intersection
  - No pedestrian or transit facilities
  - Increased congestion is anticipated in the near future without these improvements

SR 7
Newtown Road to SR 273

Proposed Improvements

- To address the issues brought up during the first workshop, the preferred alternative will incorporate the following:
  - Widening to the east from Newtown Road to the DelDOT intersection to minimize property impacts on the west side of SR 7
  - Centered widening from DelDOT to SR 273
  - Raised median with trees
  - Two lanes in each direction consistent with section between US 40 and Newtown Road
  - Adequate length left and right turn lanes at all intersections
  - Curbs and sidewalks
  - Shoulders for bicycle use

SR 7
Newtown Road to SR 273

Proposed Improvements (cont.)

- New drainage system
- Signalization of School Bell Road intersection
- Street lights
- Double left turn lanes on the Rivers End Drive approach

- Construction is expected to start by spring 2007.

SR 7
Newtown Road to SR 273

Workshop Survey Summary

- A review of the verbal and written survey responses from the August, 2003 workshop demonstrated the following:
  - The top three priorities for transportation issues were ranked as follows:
    1. Impacts to residential and business properties
    2. Safety, especially at intersections
    3. Congestion, especially during construction
  - Of the three alignment options (center, east and west), the majority of respondents preferred the widening of SR 7 to the east
  - The majority of respondents preferred the raised median with trees over a two-way left turn lane

ROUTE 40 CORRIDOR

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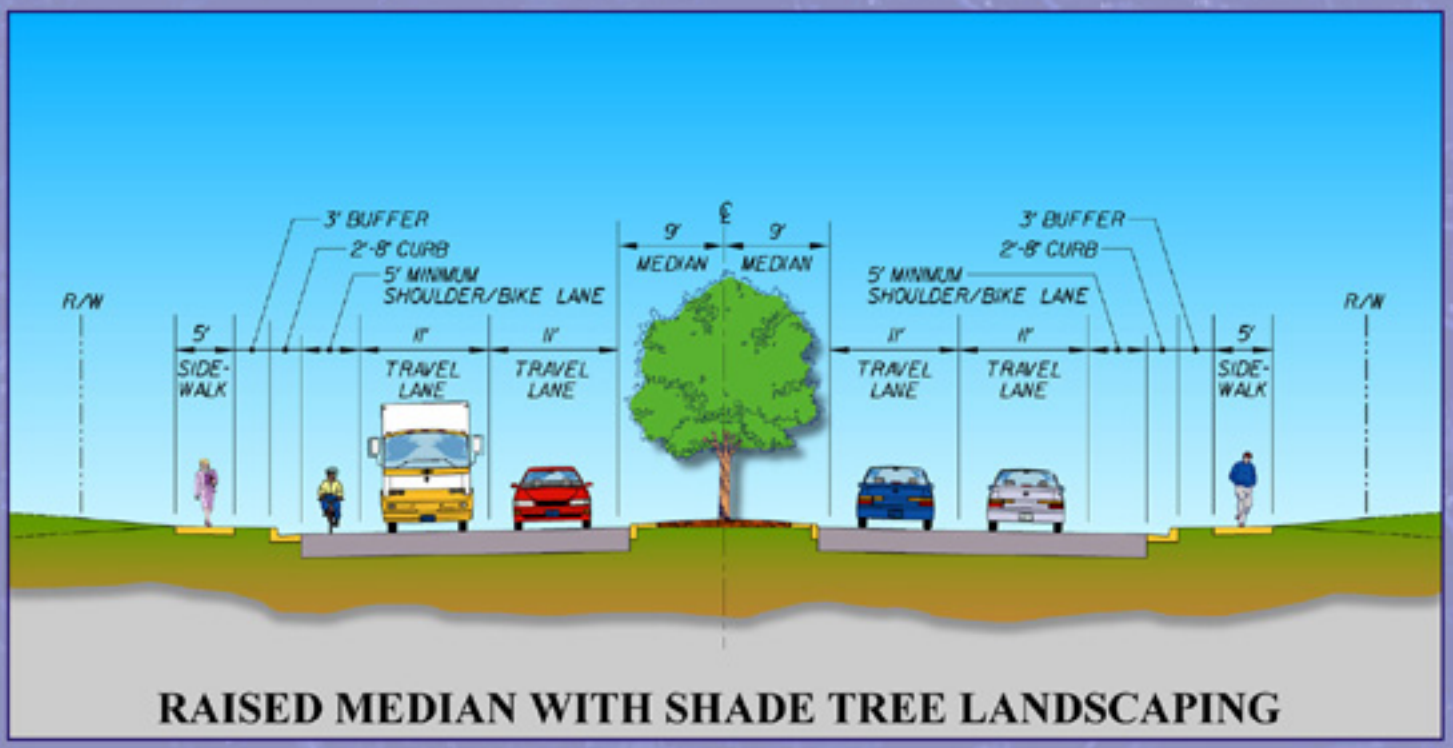
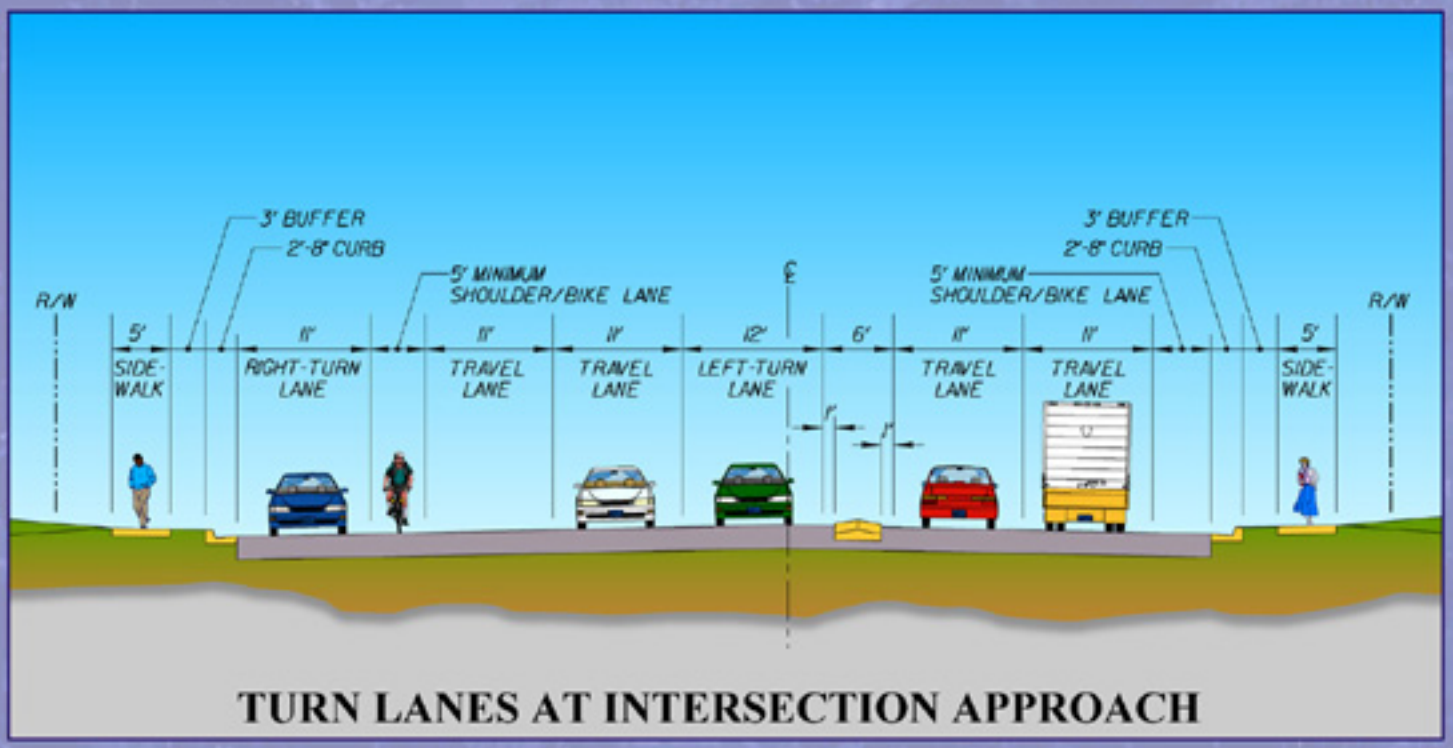
SR 7 Typical Sections



RAISED MEDIAN WITH SHADE TREE LANDSCAPING



TURN LANES AT INTERSECTION APPROACH