

CMS Documentation for Projects in the 2006 CLRP

1. Project ID:

Record No: 538

Agency Project ID:

2. Project Location

Project Name National Harbor Main Circulation

Facility:

From/At: I 95/295 I-95/I-295 Interchange

To: Waterfront Parcel, National Harbor

Jurisdiction: Prince George's County

3. Description of the traffic congestion conditions that necessitate the proposed project

This purpose of this project is to provide access to the proposed National Harbor development from the Capital Beltway, I-295, MD 210, and MD 414. This project will also accommodate traffic circulation between the two major parcels known as the Capital Beltway Parcel and the Waterfront Parcel and will connect to the Prince George's County's proposed Waterfront Main Road. The proposed development is expected to generate significant traffic volumes in this area. It is anticipated that the majority of patrons remain on this site during their visit, however, assumptions were made for patrons who would travel to the other tourist destinations in the area.

CMS Documentation is not available, form will be completed at a later date.

Anticipated date of completion:

Reason for unavailability:

4. Indicate whether the proposed project's location is subject to or benefits significantly from any of the following in-place congestion management strategies:

- Metropolitan Washington Commuter Connections program (ridesharing, telecommuting, guaranteed ride home, employer programs)
- A Transportation Management Association is in the vicinity
- Channelized or grade-separated intersection(s) or roundabouts
- Reversible, turning, acceleration/deceleration, or bypass lanes
- High occupancy vehicle facilities or systems
- Transit stop (rail or bus) within a 1/2 mile radius of the project location
- Park-and-ride lot within a one-mile radius of the project location
- Real-time surveillance/traffic device controlled by a traffic operations center
- Motorist assistance/hazard clearance patrols
- Interconnected/coordinated traffic signal system
- Other in-place congestion management strategy or strategies (briefly describe below)

5. List and briefly describe how the following categories of (additional) strategies were considered as full or

a. Transportation demand management measures, including growth management and congestion pricing

Transportation Demand Management plan should include telecommuting, alternative work hours preferential parking and use of transit, carpooling and ridesharing options. Transit options will be discussed as part of public transportation improvements. Considering the number of the future employees (Approximately 10700 persons) hired by the proposed development in the vicinity of the project, carpooling is a viable strategy. Seven percent of the employees are expected to arrive at the job site by public transportation. The remaining employees are expected to arrive by automobiles at an average rate of 1.2 employees per vehicle.

Due to type of proposed development, retail, office, entertainment venues, it is anticipated that the visitors will arrive at the by automobiles, each vehicle will have 3 occupants.

b. Traffic operational improvements

In addition to the roadway improvements proposed by this project, other improvements will be implemented along the roadway network in the vicinity of the project.

c. Public transportation improvements

The public transportation facilities in this area include bus, shuttle bus, tour bus and water taxi. Approximately 10700 persons are expected to be employed by the National Harbor development. It is anticipated that 7 percent of employees would use the shuttle or metros service to the site. It is also predicted that 10 percent of the site visitors would arrive via public transportation. Shuttle bus service to major transportation facilities such as the King Street or Eisenhower Avenue Metro Stations is planned.

The National Harbor development would include three waterfront boating facilities, including two water-taxi/tour boat terminals with one open terminals pier. A total 80 boat slips at the two marinas. It is expected that the marina and dock facilities planned for this development would attract visitors in a similar manner to the boating in other part of Maryland and Virginia.

d. Intelligent Transportation Systems technologies

The following strategies are recommended as general mitigation measures for roadway network in the vicinity of the project:

Establishing ITS technologies on the roadway network in the vicinity of the project. These technologies include VMS signage, cameras, signal timing, electronic detection systems, and highway advisory radio.

e. Other congestion management strategies

The proposed development includes a trail that would connect the southern terminus of the Federal Trail on Oxon Hill Road to Potomac River waterfront and boardwalk along the Potomac River. The trail is expected to be extended along the waterfront north to Rosalie Island.

Described below is a summary of other mitigating efforts:

- Create an internal network of trails that would connect the site to Oxon Hill Road.
- Construct a section of the Heritage Trail extending from Oxon Hill Road to Rosalie Island.
- Develop a park on Rosalie Island, with walking trails and other recreational opportunities.

f. Combinations of the above strategies

The above strategies need to combined and implemented as part of the proposed development.

6. Could congestion management alternatives fully eliminate or partially offset the need for the proposed increase in single-occupant vehicle capacity? Explain why or why not.

No, the proposed project will provide access to the site. Without the proposed improvement other congestion management strategies can be implemented. Transit, ridesharing and some extent ITS strategies are totally depended upon the proposed roadway improvements.

7a. Describe all congestion management strategies that are going to be incorporated into the proposed highway project.

The following strategies will be included in this project:
Shuttle Bus,
Metrobus,
Carpooling,
ITS,
Sidewalks,
Trails,
Boardwalk,
Water Taxi, and
Parking lots

7b. Describe the proposed funding and implementation schedule for the congestion management strategies to be incorporated into the proposed highway project. Also describe how the effectiveness of

The proposed improvements cost will be provided through public private partnership by the developer, State and Prince George's County.