



OP•LANES™
M A R Y L A N D

I-495 & I-270 Managed Lanes Study

APPENDIX U
FINAL ENVIRONMENTAL ASSESSMENT FORM
June 2022



U.S. Department
of Transportation

**Federal Highway
Administration**

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

The following Environmental Assessment Form is a requirement of the Maryland Environmental Policy Act and Maryland Department of Transportation Order 11.01.06.02. Its use is in keeping with the provisions of 1500.4(d) and 1506.2 and 06 of the Council of Environmental Quality Regulations, effective July 31, 1979, which recommend that duplication of Federal, State, and local procedures be integrated into a single process. The checklist identifies specific areas of the natural and social-economic environment, which have been considered while preparing this environmental assessment.

The reviewer can refer to the appropriate section of the document, as indicated in the “Comment” column of the form, for a description of specific characteristics of the natural or social-economic environment within the proposed study area. It will also highlight any potential impacts, beneficial or adverse that the action may incur. The “No” column indicates that during the scoping and early coordination processes, that specific area of the environment was not identified to be within the study area or would not be impacted by the proposed action.

		<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
A. Land Use Considerations				
1.	Will the action be within the 100 year flood plain?	X		Section 5.15
2.	Will the action require a permit for construction or alteration within the 50 year flood plain?		X	
3.	Will the action require a permit for dredging, filling, draining, or alteration of a wetland?	X		Section 5.12
4.	Will the action require a permit for the construction or operation of facilities for solid waste disposal including dredge and excavation spoil?		X	
5.	Will the action occur on slopes exceeding 15 percent?	X		Section 5.11
6.	Will the action require a grading plan or a sediment control permit?	X		Section 5.11
7.	Will the action require a mining permit for deep or surface mining?		X	
8.	Will the action require a permit for drilling a gas or oil well?		X	
9.	Will the action require a permit for airport construction?		X	
10.	Will the action require a permit for the crossing of the Potomac River by conduits, cables, or other like devices?		X	

	<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
11. Will the action affect the use of a public recreation area, park, forest, wildlife management area, scenic river, or wildland?	X		Section 5.4 Section 5.13
12. Will the action affect the use of any natural or man-made features that are unique to the county, State, or nation?	X		Section 5.4 Section 5.7 Section 5.13
13. Will the action affect the use of an archaeological or historical site or structure?	X		Section 5.7
B. Water Use Considerations			
14. Will the action require a permit for the change of the course, current, or cross section of a stream or other body of water?	X		Section 5.12
15. Will the action require the construction alteration, or removal of a dam, reservoir, or waterway obstruction?		X	
16. Will the action change the overland flow of storm water or reduce the absorption capacity of the ground?	X		Section 5.14
17. Will the action require a permit for the drilling of a water well?		X	
18. Will the action require a permit for water appropriation?		X	
19. Will the action require a permit for the construction and operation of facilities treatment or distribution of water?		X	
20. Will the project require a permit for the construction and operation of facilities for sewage treatment or land disposal of liquid waste derivatives?		X	
21. Will the action result in any discharge into surface or subsurface water?	X		Section 5.13 Section 5.14
22. If so, will the discharge affect ambient water quality limits or require a discharge permit?		X	
C. Air Use Considerations			
23. Will the action result in any discharge into the air?	X		Section 5.8

	<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
24. If so, will the discharge affect ambient air quality limits or produce a disagreeable odor?		X	
25. Will the action generate additional noise which differs in character or level from present conditions?	X		Section 5.9
26. Will the action preclude future use of related air space?		X	
27. Will the action generate any radiological, electrical, magnetic, or light influences?		X	
D. Plants and Animals			
28. Will the action cause the disturbance, reduction, or loss of any rare, unique, or valuable plant or animal?	X		Section 5.19
29. Will the action result in the significant reduction or loss of any fish or wildlife habitats?		X	Section 5.16 Section 5.17 Section 5.18
30. Will the action require a permit for the use of pesticides, herbicides, or other biological, chemical, or radiological control agents?		X	
E Socio-Economic Considerations			
31. Will the action result in a preemption or division of properties or impair their economic use?	X		Section 5.5
32. Will the action cause relocation of activities or structures, or result in a change in the population density or distribution?	X		Section 5.5
33. Will the action alter land values?	X		Section 5.5
34. Will the action affect traffic flow and volume?	X		Section 4.3
35. Will the action affect the production, extraction, harvest, or potential use of a scarce or economically important resource?		X	
36. Will the action require a license to construct a sawmill or other plant for manufacture of forest products?		X	

	<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
37. Is the action in accord with federal, state, regional, and local comprehensive or functional plans—including zoning?	X		Section 5.1
38. Will the action affect the employment opportunities for persons in the area?		X	Section 5.21 Section 5.22
39. Will the action affect the ability of the area to attract new sources of tax revenue?	X		Section 5.2
40. Will the action discourage present sources of tax revenue from remaining in the area, or affirmatively encourage them to relocate elsewhere?		X	Section 5.2
41. Will the action affect the ability of the area to attract tourism?		X	
F. Other Considerations			
42. Could the action endanger the public health, safety, or welfare?		X	
43. Could the action be eliminated without deleterious effects to the public health, safety, welfare, or the natural environment?		X	Section 4.3
44. Will the action be of Statewide significance?	X		Section 1.0
45. Are there any other plans or actions (federal, State, county, or private) that, in conjunction with the subject action, could result in a cumulative or synergistic impact on the public health, safety, welfare, or environment?	X		Section 5.22
46. Will the action require additional power generation or transmission capacity?		X	
G. Conclusion			
47. This Agency will develop a complete Environmental Effects Report on the proposed action.		X	
Additional State Requirements			
48. Tree Impacts	X		Section 5.16
49. Chesapeake Critical Area		X	