|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DOTLOGO2 | | | | | | | | | **Level One Design Criteria Checklist** | | | |
|  | | | | | | | | | | | | |
| Key Route: | | | |  | | | | | | | | |
|  | | | | | | | | | | | | |
| Marked Route/Road Name: | | | | | |  | | | | | | |
|  | | | | | | | | | | | | |
| State Job No.: | | | |  | | | | | | Contract No.: | |  |
|  | | | | | | | | | | | | |
| Functional Classification: | | | | |  | | | | | Highway Type: | |  |
|  | | | | | | | | | | | | |
| County(ies): | | | |  | | | | | | Project Length: | |  |
|  | | | | | | | | | | | | |
| City: | | | |  | | | | | | Section: | |  |
|  | | | | | | | | | | | | |
| Project Location: | | | |  | | | | | | | | |
|  | | | | | | | | | | | | |
| **Project Scope of Work** | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
|  | a. | Check the appropriate box. See Section 31-6 for definitions. | | | | | | | | | | |
|  | | | | | | | | | | | | |
|  | |  | New construction | | | |  | \*Reconstruction | |  | \*3R (freeway) | |
|  | | | | | | | | | | | | |
|  | | *\*Note: May include "Allowed to Remain in Place" criteria.* | | | | | | | | | | |
|  | | | | | | | | | | | | |

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|  | b. | Provide a brief project description: |
|  | | |

|  |  |
| --- | --- |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Design Criteria for Mainline Interstate and Ramps  (Provide numerical value, where indicated) | | | | | | | | | | | | | | | Does the proposed design meet the criteria? | | |
|  | | | | | | | | | | | | | | | Yes | No | N/A |
| 1. Design speed   (Chapter 31) | |  | | | | | | | | | mph (km/h) | | | |  |  |  |
| 1. Stopping sight distance (SSD) | | | | | | | | | | | | | | |  |  |  |
| 1. SSD at crest vertical curves (Level SSD for passenger cars) (Chapter 31) | | | | | | | | | | | | | | |  |  |  |
| 1. SSD on inside of horizontal curves (Level SSD for passenger cars) (Chapter 32) | | | | | | | | | | | | | | |  |  |  |
| 1. Superelevation rates (emax =   (Chapter 32) | | | | | | |  | | | | | | %) | |  |  |  |
| 1. Horizontal curvature (minimum radius for selected | | | | | | | | | | | | | | |  |  |  |
| design speed (Chapter 32) | | | | | |  | | | | | | feet (meters) | | |  |  |  |
| 1. Maximum grades (in percent)   (Chapter 33) | | | | | | |  | | | | | | | |  |  |  |
| 1. Lane widths   (Chapter 34) |  | | | | | | | | feet (meters) | | | | | |  |  |  |
| 1. Cross-slopes on through lanes (in percent) (Chapter 34) | | | | | | | | | | | | | | |  |  |  |
| Median/inside lane | | | | Lane 1 | | | |  | | | | | |  |  |  |  |
| Outside lanes | | | | Lane 2 | | | |  | | | | | |  |  |  |  |
|  | | | | Lane 3 | | | |  | | | | | |  |  |  |  |
|  | | | | Lane 4 | | | |  | | | | | |  |  |  |  |
|  | | | | | | | | | | | | | | |  |  |  |
| 1. Shoulder widths | | |  | | | | | feet (meters) (inside) | | | | | | |  |  |  |
| (Chapter 34) | | |  | | | | | feet (meters) (outside) | | | | | | |  |  |  |
|  | | | | | | | | | | | | | | |  |  |  |
| 1. Vertical clearances   (Chapter 39) | | | | |  | | | | | | | feet (meters) | | |  |  |  |
| 1. Design loading structural capacity | | | | | | | | | | | | | | |  |  |  |
| 1. Bridge/tunnel design loading structural capacity (Chapter 39) | | | | | | | | | |  | | | | |  |  |  |
| 1. Roadway design loading structural capacity (Chapter 54) | | | | | | | | | |  | | | | |  |  |  |

Note: Use multiple forms for each interstate roadway within the project.

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| --- | --- | --- | --- |
| Prepared by: |  | Date: |  |
|  | Designer (IDOT or Consultant) Signature |  |  |