|  |  |
| --- | --- |
| 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.* |
|  |

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

|  |  |
| --- | --- |
|  |       |
|  |

|  |  |
| --- | --- |
| 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.

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