

Schedule - D

(See Clause 2.1)

Specifications and Standards

1. Construction

The Contractor shall comply with the Specifications and Standards set forth in Annex- I of this Schedule-D for construction of the Project Highway.

2. Design Standards

The Project Highway including Project Facilities shall conform to design requirements set out in the following documents:

[Manual of Specifications and Standards for Two Laning of Highways (IRC: SP: 73-2015), referred to herein as the Manual]

[Note: Specify the relevant Manual, Specifications and Standards]

Annex – I

(Schedule-D)

Specifications and Standards for Construction

1. Specifications and Standards

All Materials, works and construction operations shall conform to the Manual of Specifications and Standards for [Two-Laning of Highways (IRC:SP:73-2015)], referred to as the Manual, and MORTH Specifications for Road and Bridge Works. Where the specification for a work is not given, Good Industry Practice shall be adopted to the satisfaction of the Authority's Engineer.

2. Deviations from the Specifications and Standards

- (i) The terms “Concessionaire”, “Independent Engineer” and “Concession Agreement” used in the Manual shall be deemed to be substituted by the terms “Contractor”, “Authority's Engineer” and “Agreement” respectively.
- (ii) [Notwithstanding anything to the contrary contained in Paragraph 1 above, the following Specifications and Standards shall apply to the Project Highway, and for purposes of this Agreement, the aforesaid Specifications and Standards shall be deemed to be amended to the extent set forth below:]
- (iii) [Note 1: Deviations from the aforesaid Specifications and Standards shall be listed out here. Such deviations shall be specified only if they are considered essential in view of project-specific requirements.]
 - a. Locations where Radii of Horizontal Curve is less than Absolute minimum radius of 250m

HIP No	Chainage			Radius (m)
	PC/SC	HIP/PI	PT/CS	
16	7+663.145	7+697.754	7+724.968	230
17	8+162.916	8+228.615	8+268.729	155
19	8+703.915	8+774.626	8+826.088	230
31	14+524.286	14+548.247	14+567.061	230
32	14+763.145	14+857.743	14+921.362	230
42	20+131.645	20+137.564	20+141.652	100
43	20+294.312	20+341.852	20+360.516	100
45	20+836.931	20+867.063	20+895.898	240

- b. Locations where Design Speed is less then Minimum Design speed of 80 Kmph

HIP No.	Chainage			Design Speed (Kmph)
	PC/SC	HIP/PI	PT/CS	
17	8+162.916	8+228.615	8+268.729	65
42	20+131.645	20+137.564	20+141.652	40
43	20+294.312	20+341.852	20+360.516	50
44	20+629.404	20+684.500	20+739.153	50
45	20+836.931	20+867.063	20+895.898	50
46	20+972.166	20+995.583	21+018.797	50