

EXECUTION VERSION

**I-95/I-395 HOV/HOT Lanes - Fredericksburg
Extension (Fred Ex) Project**

Exhibit C-5

Technical Requirements

Attachment 1.5c

**Design Exceptions, Design Waivers and Other
Approvals Prior to Commercial Close**

I-95 Express Lanes Fredericksburg Extension

Preliminary List of Design Exceptions and Design Waivers

(April 9, 2018)

95 EXPRESS LANES - FRED EX DESIGN EXCEPTIONS

Design Exception Number	Description	Date Approved (FHWA)
	NONE	

95 EXPRESS LANES - FRED EX DESIGN WAIVERS

Design Waiver Number	Description	Date Approved (VDOT)
DW-25	Mainline Shoulder Pavement Design and Width	February 16, 2018
DW-26	Reduced Shoulder Width – Spot reduction due to proposed sign posts	April 5, 2018
DW-27	Superelevation variances from VDOT Standard TC-5.11	February 16, 2018
DW-28	Reduced Ramp Design Speed for Courthouse Road Reversible Ramp	February 27, 2018
DW-29	Curve Widening and Spiral Use variances from VDOT Standard TC-5.11	February 16, 2018
DW-30	Shoulder width on Courthouse Road Reversible Ramp	April 5, 2018