

US 18/151 Freeway Conversion Study

US 18 to West Verona Avenue Exit Iowa and Dane Counties

WisDOT Project I.D. 1200-08-00

Conceptual Stage Relocation Plan

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Prepared for:
Wisconsin Department of Transportation – Southwest Region

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**US 18/151 Freeway Conversion Study
Predicted Noise Levels at Selected Sites**

Receptor Location or Site Identification (See attached map) (a)	Distance from C/L of Near Lane to Receptor in feet (ft.) (b)	Number of Families or People Typical of this Receptor Site (c)	Sound Level L_{eq}^1 (dBA)			Impact Evaluation		
			Noise Abatement Criteria ² (NAC) (d)	Future Sound Level (e)	Existing Sound Level (f)	Difference in Future and Existing Sound Levels (Col. e minus Col. f) (g)	Difference in Future Sound Levels and Noise Abatement Criteria (Col. e minus Col. d) (h)	Impact ³ or No Impact (i)
Iowa County Y/YZ Interchange Area								
REC 1	390	2 residences	67	60	59	1	-7	N
REC 2	410	5 residences	67	52	48	4	-15	N
Iowa County BB Interchange Area								
REC 3	260	2 residences 2 business	67 72	53	51	2	-14 -19	N N
REC 4	250	none	67	50	48	2	-17	N
REC 5	180	3 residences 1 business	67 72	58	56	2	-9 -14	N N
Iowa County HHH Interchange Area								
REC 6	75	4 residences 2 businesses	67 72	58	51	7	-9 -14	N N
REC 7	585	2 residences 2 businesses	67 72	53	46	7	-14 -19	N N
REC 8	385	1 residence 1 business	67 72	59	57	2	-8 -13	N N
Iowa County ID Extension								
REC 9	15	none	67	54	52	2	-7	N
Iowa County K Relocation								
REC 10	25	3 businesses	72	62	51	11	-10	N
REC 11	755	4 residences 1 businesses	67 72	44	42	2	-23 -28	N N
Dane County F Interchange								
REC 12	15	2 businesses	72	68	68	0	-4	N
REC 13	430	none	67	55	53	2	-12	N
Springdale/Verona Frontage Road Area								
REC 14	380	1 business	72	58	56	2	-14	N
REC 15	240	1 residence 1 business	67 72	51	47	4	-16 -21	N N
US 18/151 Auxiliary Lanes								
REC 16 - #53	180	2 businesses 2 residences	72 67	71	69	2 2	-1 +4	I I

¹ Use whole numbers only.

² Insert the actual Noise Abatement Criteria from Wisconsin Administrative Code, Chapter Trans. 405.04, Table 1.

Traffic Noise Evaluation Noise Receptor Maps

