



# Current and Forecasted Truck Parking Needs Assessment - Appendixes

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WA 3 Tasks 2.8 and 2.10

Final: March 23, 2020

## Appendix A: Needs Prioritization Cutoffs

This section provides details on how the “high,” “medium,” and “low” needs were categorized.

*Exhibit A.1: Truck Parking Capacity Need by Region Type*

Need Level	Rural			Urban		
	Number of Segments	Mileage	Value Range (Shortage per Mile)	Number of Segments	Mileage	Value Range (Shortage per Mile)
High	247	2,167	> 0.08	192	1,551	> 0.28
Medium	372	4,117	0.01 to 0.08	290	2,374	0.03 to 0.28
Low	619	7,383	< 0.01	482	4,636	< 0.03
No Data	904	8,273	N/A	365	2,253	N/A
<b>Total</b>	<b>2,142</b>	<b>21,939</b>		<b>1,329</b>	<b>10,814</b>	

Source: ATRI, 2018.

*Exhibit A.2: Truck Parking Safety Need by Region Type*

Need Level	Rural			Urban		
	Number of Segments	Mileage	Value Range (Safety Score per Mile)	Number of Segments	Mileage	Value Range (Safety Score per Mile)
High	77	566	> 0.34	121	633	> 0.95
Medium	117	1,174	0.12 to 0.34	181	1,567	0.33 to 0.95
Low	195	2,803	< 0.12	303	3,447	< 0.33
No Data	1,753	17,396	N/A	724	5,167	N/A
<b>Total</b>	<b>2,142</b>	<b>21,939</b>		<b>1,329</b>	<b>10,814</b>	

Source: CRIS, 2013-2017.

**Exhibit A.3: Freight Network Significance by Region Type**

Need Level	Rural			Urban		
	Number of Segments	Mileage	Value Range (FSD Score)	Number of Segments	Mileage	Value Range (FSD Score)
High	424	4,423	> 19.33	260	2,438	> 24.37
Medium	637	6,146	14.32 to 19.33	393	3,097	18.30 to 24.37
Low	1,064	11,280	< 14.32	653	5,223	< 18.30
No Data	17	90	N/A	23	56	N/A
<b>Total</b>	<b>2,142</b>	<b>21,939</b>		<b>1,329</b>	<b>10,814</b>	

Source: Texas Freight Mobility Plan development, 2018.

**Exhibit A.4: Prioritized Segments—Combined Needs by Region Type**

Need Level	Rural			Urban		
	Number of Segments	Mileage	Cutoff (Total Score)	Number of Segments	Mileage	Cutoff (Total Score)
High	107	929	2	123	958	2
Medium	370	4,022	1	427	3,883	1
Low	1,665	16,988	0	779	5,973	0
<b>Total</b>	<b>2,142</b>	<b>21,939</b>		<b>1,329</b>	<b>10,814</b>	

Source: Analysis by Cambridge Systematics, 2019.