APPENDIX B

Traffic Analysis

HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 1-5	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2106
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21191	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.17167	PF Power Coefficient	0.83341
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2106	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	24.1
Segment Travel Time, minutes	0.33	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 2

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	503
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-

Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.47030	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25814	PF Power Coefficient	0.76527
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	503	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 3

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	1970
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.20977	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.17627	PF Power Coefficient	0.83128
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1970	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	24.3
Segment Travel Time, minutes	0.31	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 4

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	590
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	590	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 5

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2472
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21733	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.16084	PF Power Coefficient	0.83830
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2472	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	23.7
Segment Travel Time, minutes	0.39	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 6

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	568
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	473	-	-	71.6
2	Horizontal Curve	95	5804	4	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 7

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2814
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.22204	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.15242	PF Power Coefficient	0.84193
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	1575	5804	4	72.1
2	Tangent	1239	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	23.4
Segment Travel Time, minutes	0.44	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 8

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1335
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.47019	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25740	PF Power Coefficient	0.76561
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1335	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3

Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 9

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	8021
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.27374	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.11641	PF Power Coefficient	0.84128
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	45	-	-	72.1
2	Horizontal Curve	1850	5721	4	72.1
3	Tangent	6126	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.8
Segment Travel Time, minutes	1.26	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 10

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	6248
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1

Speed Slope Coefficient	4.53038	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.16664	PF Power Coefficient	0.79394
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6248	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	25.5
Segment Travel Time, minutes	0.99	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 11

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	5500
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	5	Free-Flow Speed, mi/h	70.0
Speed Slope Coefficient	18.32197	Speed Power Coefficient	0.80144
PF Slope Coefficient	-1.31313	PF Power Coefficient	0.91635
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5500	-	-	67.7

Vehicle Results

Average Speed, mi/h	67.7	Percent Followers, %	23.5
Segment Travel Time, minutes	0.92	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 12

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	198
Lane Width, ft	12	Shoulder Width, ft	6

Speed Limit, mi/h	65	Access Point Density, pts/mi	0.0

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.9
Speed Slope Coefficient	5.60589	Speed Power Coefficient	0.52584
PF Slope Coefficient	-1.36614	PF Power Coefficient	0.74840
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	198	-	-	71.4

Vehicle Results

Average Speed, mi/h	71.4	Percent Followers, %	31.1
Segment Travel Time, minutes	0.03	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 13

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4360
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.24043	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12803	PF Power Coefficient	0.85039
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2429	-	-	72.1
2	Horizontal Curve	1345	5799	4	72.1

3	Tangent	586	-	-	72.1

Vehicle Results			
Average Speed, mi/h	72.1	Percent Followers, %	22.7
Segment Travel Time, minutes	0.69	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 14

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	997
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity			
Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results			
Segment Vertical Class	2	Free-Flow Speed, mi/h	72.1
Speed Slope Coefficient	5.49234	Speed Power Coefficient	0.52121
PF Slope Coefficient	-1.37446	PF Power Coefficient	0.74695
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	997	-	-	70.6

Vehicle Results			
Average Speed, mi/h	70.6	Percent Followers, %	31.3
Segment Travel Time, minutes	0.16	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 15

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	858
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity			
Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.19846	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.20426	PF Power Coefficient	0.81803
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	858	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	25.2
Segment Travel Time, minutes	0.14	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 16

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2993
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.0
Speed Slope Coefficient	6.45303	Speed Power Coefficient	0.52744
PF Slope Coefficient	-1.28110	PF Power Coefficient	0.76813
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2993	-	-	70.4

Vehicle Results

Average Speed, mi/h	70.4	Percent Followers, %	28.7
Segment Travel Time, minutes	0.48	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 17

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	15728
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.4
Speed Slope Coefficient	4.28917	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11159	PF Power Coefficient	0.82883
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9261	-	-	73.0
2	Horizontal Curve	733	23342	0	73.0
3	Tangent	5734	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.45	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 18

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	524
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.4
Speed Slope Coefficient	4.48927	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25414	PF Power Coefficient	0.76606
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	524	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 19

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	16047
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16047	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.50	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 20

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	790
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	790	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 21

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4534
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.23968	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.10987	PF Power Coefficient	0.85745
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4534	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	16.6
Segment Travel Time, minutes	0.71	Follower Density, followers/mi/ln	0.3

Vehicle LOS	A		

Segment 22

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1415
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.49177	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24893	PF Power Coefficient	0.76828
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1415	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	21.9
Segment Travel Time, minutes	0.22	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 23

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	5706
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.25130	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.10208	PF Power Coefficient	0.85738
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5706	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	16.5
Segment Travel Time, minutes	0.89	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 24

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	750
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	750	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 25

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2257
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.21160	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.14985	PF Power Coefficient	0.84186
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1498	-	-	73.0
2	Horizontal Curve	759	11400	3	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.7
Segment Travel Time, minutes	0.35	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 26

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	796
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	796	11400	3	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1

Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 27

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2922
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.22088	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.13322	PF Power Coefficient	0.84939
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	398	11400	3	73.0
2	Tangent	2524	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.2
Segment Travel Time, minutes	0.45	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 28

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	859
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674

PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	859	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 29

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30733
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30733	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	4.79	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 30

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	624
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	624	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.10	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 31

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	10519
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28957	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11124	PF Power Coefficient	0.82923
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	10519	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6

Segment Travel Time, minutes	1.64	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 32

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1055
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1037	-	-	72.5
2	Horizontal Curve	18	73925	0	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.17	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 33

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	10005
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28597	Speed Power Coefficient	0.57111

PF Slope Coefficient	-1.10810	PF Power Coefficient	0.83368
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	674	73925	0	73.0
2	Tangent	9331	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.4
Segment Travel Time, minutes	1.56	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 34

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	795
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	795	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 35

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4306
Lane Width, ft	12	Shoulder Width, ft	6

Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.23725	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11213	PF Power Coefficient	0.85697
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4306	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	16.7
Segment Travel Time, minutes	0.67	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 36

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	814
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	814	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 37

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	33382
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16580	-	-	73.0
2	Horizontal Curve	222	40479	0	73.0
3	Tangent	16580	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	5.20	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 38

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1173
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1173	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.18	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 39

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	15124
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	15124	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.36	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 40

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2669

Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.51166	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.20352	PF Power Coefficient	0.78720
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	916	-	-	72.5
2	Horizontal Curve	838	5600	4	72.5
3	Tangent	916	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	20.5
Segment Travel Time, minutes	0.42	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 41

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	16590
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16590	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.58	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 42

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1832
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.4
Speed Slope Coefficient	5.89289	Speed Power Coefficient	0.52530
PF Slope Coefficient	-1.33157	PF Power Coefficient	0.75638
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1751	-	-	71.7
2	Horizontal Curve	81	6583	5	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	23.7
Segment Travel Time, minutes	0.29	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 43

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2737
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00

Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.18586	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.13674	PF Power Coefficient	0.84783
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1641	-	-	72.1
2	Horizontal Curve	1096	6250	4	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.1
Segment Travel Time, minutes	0.43	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 44

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1334
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46380	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25879	PF Power Coefficient	0.76532
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	23	3000	0	71.5
2	Tangent	1311	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	0.6

Vehicle LOS	A		

Segment 45

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	25423
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.25783	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.11089	PF Power Coefficient	0.82911
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25423	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.4
Segment Travel Time, minutes	4.01	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 46

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	541
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	541	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 47

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	11758
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.25783	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.11089	PF Power Coefficient	0.82911
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11758	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.4
Segment Travel Time, minutes	1.85	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 48

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	572
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	572	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 49

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4654
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.20892	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.10817	PF Power Coefficient	0.85787
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4654	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	21.3
Segment Travel Time, minutes	0.73	Follower Density, followers/mi/ln	0.5

Vehicle LOS	A		

Segment 50

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	492
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	492	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 51

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	7114
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.23175	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.09860	PF Power Coefficient	0.85316
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6584	-	-	72.1
2	Horizontal Curve	530	19908	0	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	21.3
Segment Travel Time, minutes	1.12	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 52

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	793
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	734	18578	0	71.5
2	Tangent	59	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 53

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	9068
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.24716	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.10285	PF Power Coefficient	0.84133
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	284	-	-	72.1
2	Horizontal Curve	713	18578	0	72.1
3	Tangent	421	-	-	72.1
4	Horizontal Curve	492	15310	0	72.1
5	Tangent	7158	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	21.8
Segment Travel Time, minutes	1.43	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 54

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	485
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	485	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 55

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	73018
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	102	Opposing Demand Flow Rate, veh/h	87
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.06

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.27173	Speed Power Coefficient	0.58035
PF Slope Coefficient	-1.10556	PF Power Coefficient	0.83125
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.2
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4059	-	-	73.2
2	Horizontal Curve	847	19310	4	73.2
3	Horizontal Curve	369	19898	3	73.2
4	Tangent	719	-	-	73.2
5	Horizontal Curve	1374	22381	4	73.2
6	Tangent	35992	-	-	73.2
7	Horizontal Curve	1811	23986	0	73.2
8	Tangent	17646	-	-	73.2
9	Horizontal Curve	1435	2852	7	73.2
10	Tangent	2675	-	-	73.2
11	Horizontal Curve	1363	22323	0	73.2
12	Tangent	310	-	-	73.2
13	Horizontal Curve	1308	21680	0	73.2
14	Tangent	3109	-	-	73.2

Vehicle Results

Average Speed, mi/h	73.2	Percent Followers, %	15.3
Segment Travel Time, minutes	11.34	Follower Density, followers/mi/ln	0.2
Vehicle LOS	A		

Segment 56

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	16168
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	102	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.06

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.60928	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.23143	PF Power Coefficient	0.71351
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

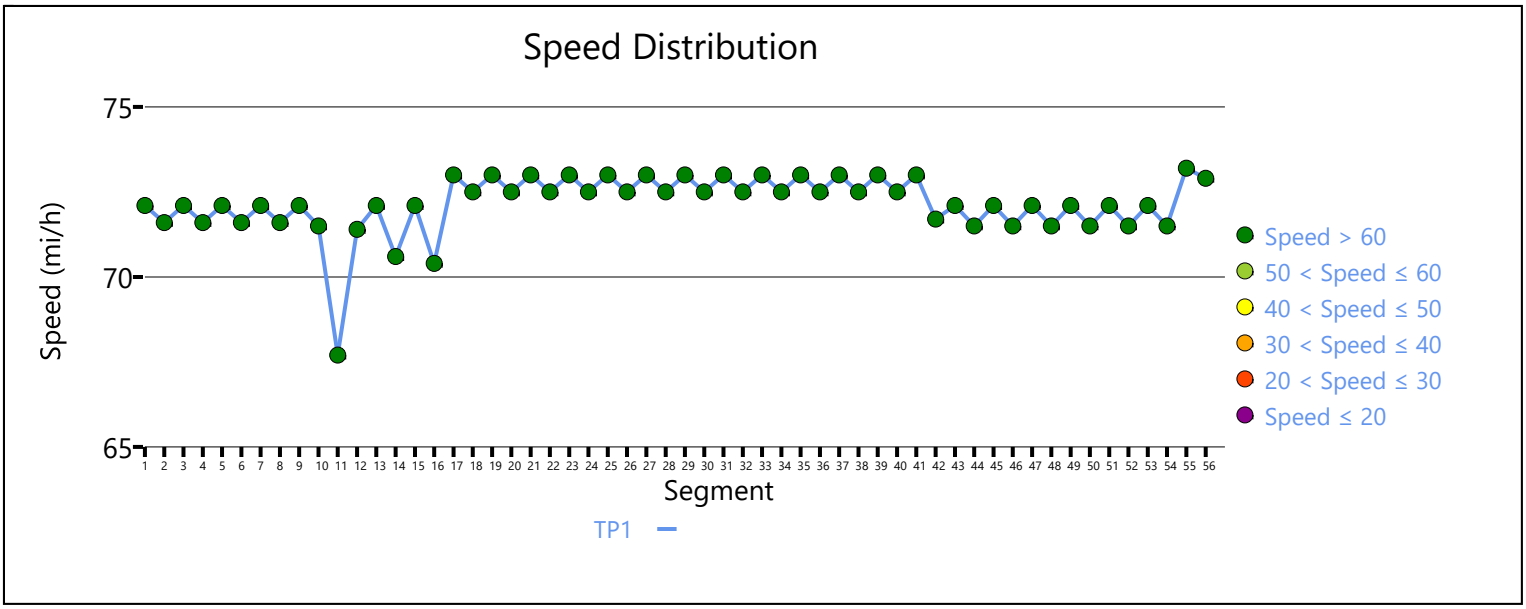
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16168	-	-	72.9

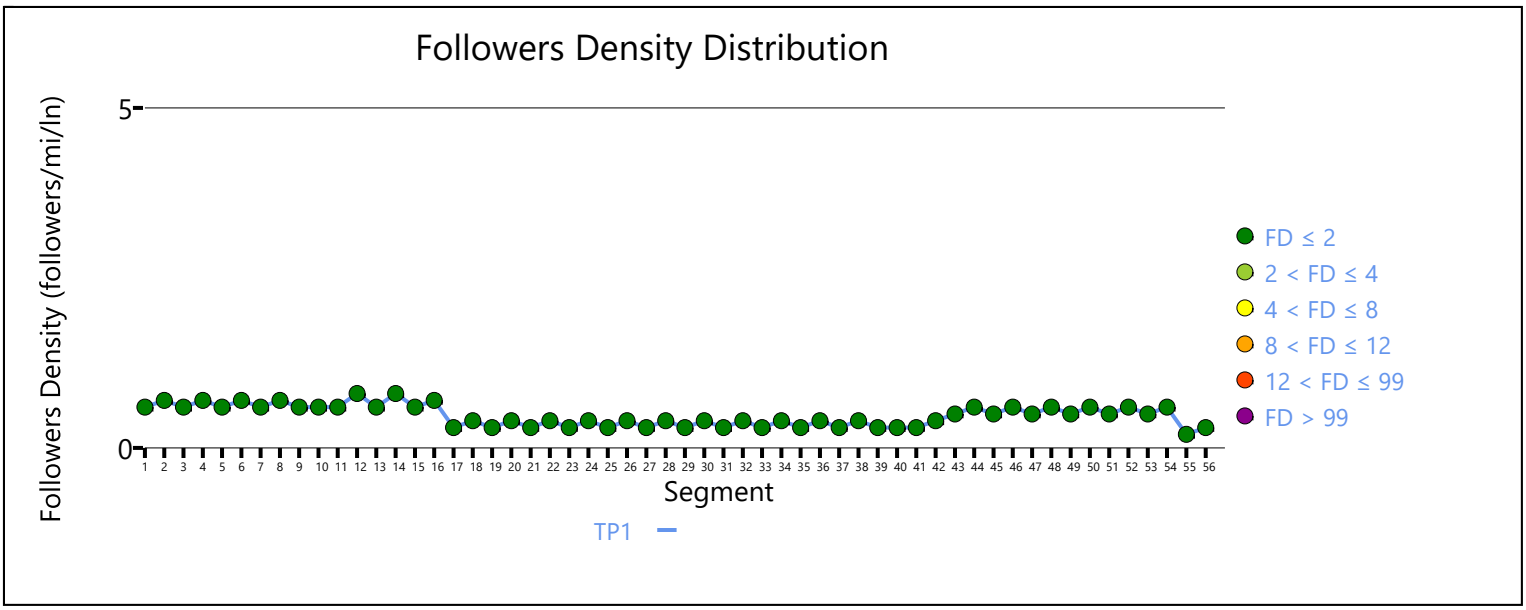
Vehicle Results

Average Speed, mi/h	72.9	Percent Followers, %	21.5
Segment Travel Time, minutes	2.52	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Facility Results

T	Follower Density, followers/mi/ln	LOS
1	0.4	A





HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2039
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 1-5	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2106
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.22943	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.18189	PF Power Coefficient	0.82947
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2106	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	29.4
Segment Travel Time, minutes	0.33	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 2

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	503
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-

Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.47030	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25814	PF Power Coefficient	0.76527
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	503	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 3

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	1970
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.22729	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.18653	PF Power Coefficient	0.82737
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1970	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	29.5
Segment Travel Time, minutes	0.31	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 4

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	590
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	590	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 5

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2472
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.23485	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.17095	PF Power Coefficient	0.83429
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2472	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	29.0
Segment Travel Time, minutes	0.39	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 6

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	568
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	473	-	-	71.2
2	Horizontal Curve	95	5804	4	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 7

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2814
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.23956	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.16245	PF Power Coefficient	0.83788
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	1575	5804	4	71.7
2	Tangent	1239	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	28.6
Segment Travel Time, minutes	0.45	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 8

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1335
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.47019	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25740	PF Power Coefficient	0.76561
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1335	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4

Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 9

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	8021
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.29127	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.12608	PF Power Coefficient	0.83700
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	45	-	-	71.7
2	Horizontal Curve	1850	5721	4	71.7
3	Tangent	6126	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.9
Segment Travel Time, minutes	1.27	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 10

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	6248
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1

Speed Slope Coefficient	4.53038	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.16664	PF Power Coefficient	0.79394
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6248	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	30.3
Segment Travel Time, minutes	1.00	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 11

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	5500
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	5	Free-Flow Speed, mi/h	70.0
Speed Slope Coefficient	18.38467	Speed Power Coefficient	0.77558
PF Slope Coefficient	-1.34158	PF Power Coefficient	0.90839
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5500	-	-	66.2

Vehicle Results

Average Speed, mi/h	66.2	Percent Followers, %	29.6
Segment Travel Time, minutes	0.94	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 12

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	198
Lane Width, ft	12	Shoulder Width, ft	6

Speed Limit, mi/h	65	Access Point Density, pts/mi	0.0

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.9
Speed Slope Coefficient	5.60589	Speed Power Coefficient	0.52584
PF Slope Coefficient	-1.36614	PF Power Coefficient	0.74840
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.2
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	198	-	-	71.0

Vehicle Results

Average Speed, mi/h	71.0	Percent Followers, %	36.4
Segment Travel Time, minutes	0.03	Follower Density, followers/mi/ln	1.2
Vehicle LOS	A		

Segment 13

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4360
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.25795	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.13783	PF Power Coefficient	0.84618
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2429	-	-	71.7
2	Horizontal Curve	1345	5799	4	71.7

3	Tangent	586	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.8
Segment Travel Time, minutes	0.69	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 14

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	997
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.1
Speed Slope Coefficient	5.49234	Speed Power Coefficient	0.52121
PF Slope Coefficient	-1.37446	PF Power Coefficient	0.74695
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.2
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	997	-	-	70.2

Vehicle Results

Average Speed, mi/h	70.2	Percent Followers, %	36.6
Segment Travel Time, minutes	0.16	Follower Density, followers/mi/ln	1.2
Vehicle LOS	A		

Segment 15

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	858
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21599	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.21480	PF Power Coefficient	0.81429
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	858	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	30.6
Segment Travel Time, minutes	0.14	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 16

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2993
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.0
Speed Slope Coefficient	6.45303	Speed Power Coefficient	0.52744
PF Slope Coefficient	-1.28110	PF Power Coefficient	0.76813
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2993	-	-	69.9

Vehicle Results

Average Speed, mi/h	69.9	Percent Followers, %	33.8
Segment Travel Time, minutes	0.49	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 17

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	15728
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.4
Speed Slope Coefficient	4.30421	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12084	PF Power Coefficient	0.82503
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9261	-	-	72.6
2	Horizontal Curve	733	23342	0	72.6
3	Tangent	5734	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.46	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 18

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	524
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.4
Speed Slope Coefficient	4.48927	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25414	PF Power Coefficient	0.76606
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	524	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 19

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	16047
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16047	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.51	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 20

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	790
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	790	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 21

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4534
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.25472	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.11915	PF Power Coefficient	0.85362
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4534	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	20.6
Segment Travel Time, minutes	0.71	Follower Density, followers/mi/ln	0.4

Vehicle LOS	A		

Segment 22

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1415
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.49177	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24893	PF Power Coefficient	0.76828
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1415	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.0
Segment Travel Time, minutes	0.22	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 23

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	5706
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.26634	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.11129	PF Power Coefficient	0.85351
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5706	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	20.5
Segment Travel Time, minutes	0.89	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 24

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	750
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	750	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 25

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2257
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.22664	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.15950	PF Power Coefficient	0.83828
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1498	-	-	72.6
2	Horizontal Curve	759	11400	3	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.8
Segment Travel Time, minutes	0.35	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 26

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	796
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	796	11400	3	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2

Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 27

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2922
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.23592	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.14272	PF Power Coefficient	0.84572
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	398	11400	3	72.6
2	Tangent	2524	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.3
Segment Travel Time, minutes	0.46	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 28

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	859
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674

PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	859	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.14	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 29

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30733
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30733	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	4.81	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 30

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	624
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	624	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.10	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 31

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	10519
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30461	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12048	PF Power Coefficient	0.82543
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	10519	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6

Segment Travel Time, minutes	1.65	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 32

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1055
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1037	-	-	72.1
2	Horizontal Curve	18	73925	0	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.17	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 33

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	10005
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30102	Speed Power Coefficient	0.55850

PF Slope Coefficient	-1.11732	PF Power Coefficient	0.82985
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	674	73925	0	72.6
2	Tangent	9331	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.4
Segment Travel Time, minutes	1.57	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 34

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	795
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	795	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 35

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4306
Lane Width, ft	12	Shoulder Width, ft	6

Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.25229	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12143	PF Power Coefficient	0.85316
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4306	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	20.6
Segment Travel Time, minutes	0.67	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 36

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	814
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	814	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 37

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	33382
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16580	-	-	72.6
2	Horizontal Curve	222	40479	0	72.6
3	Tangent	16580	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	5.23	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 38

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1173
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1173	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.18	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 39

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	15124
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	15124	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.37	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 40

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2669

Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.51166	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.20352	PF Power Coefficient	0.78720
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	916	-	-	72.1
2	Horizontal Curve	838	5600	4	72.1
3	Tangent	916	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	24.5
Segment Travel Time, minutes	0.42	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 41

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	16590
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16590	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.60	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 42

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1832
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	2	Free-Flow Speed, mi/h	72.4
Speed Slope Coefficient	5.89289	Speed Power Coefficient	0.52530
PF Slope Coefficient	-1.33157	PF Power Coefficient	0.75638
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1751	-	-	71.1
2	Horizontal Curve	81	6583	5	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	28.0
Segment Travel Time, minutes	0.29	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 43

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2737
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00

Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.19948	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.14568	PF Power Coefficient	0.84449
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1641	-	-	71.7
2	Horizontal Curve	1096	6250	4	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.1
Segment Travel Time, minutes	0.43	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 44

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1334
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46380	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25879	PF Power Coefficient	0.76532
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	23	3000	0	71.1
2	Tangent	1311	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.4
Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	1.0

Vehicle LOS	A		

Segment 45

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	25423
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.27146	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11956	PF Power Coefficient	0.82563
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25423	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.3
Segment Travel Time, minutes	4.03	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 46

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	541
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	541	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 47

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	11758
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.27146	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11956	PF Power Coefficient	0.82563
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11758	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.3
Segment Travel Time, minutes	1.86	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 48

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	572
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	572	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 49

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4654
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.22254	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11686	PF Power Coefficient	0.85437
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4654	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	26.2
Segment Travel Time, minutes	0.74	Follower Density, followers/mi/ln	0.8

Vehicle LOS	A		

Segment 50

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	492
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	492	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 51

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	7114
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.24537	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.10720	PF Power Coefficient	0.84960
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6584	-	-	71.7
2	Horizontal Curve	530	19908	0	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	26.2
Segment Travel Time, minutes	1.13	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 52

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	793
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	734	18578	0	71.1
2	Tangent	59	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 53

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	9068
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	121
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.26023	Speed Power Coefficient	0.56524
PF Slope Coefficient	-1.11113	PF Power Coefficient	0.83794
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	284	-	-	71.7
2	Horizontal Curve	713	18578	0	71.7
3	Tangent	421	-	-	71.7
4	Horizontal Curve	492	15310	0	71.7
5	Tangent	7158	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	26.6
Segment Travel Time, minutes	1.44	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 54

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	485
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	485	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 55

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	73018
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	132	Opposing Demand Flow Rate, veh/h	112
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.08

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.28475	Speed Power Coefficient	0.56910
PF Slope Coefficient	-1.11396	PF Power Coefficient	0.82788
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4059	-	-	72.7
2	Horizontal Curve	847	19310	4	72.7
3	Horizontal Curve	369	19898	3	72.7
4	Tangent	719	-	-	72.7
5	Horizontal Curve	1374	22381	4	72.7
6	Tangent	35992	-	-	72.7
7	Horizontal Curve	1811	23986	0	72.7
8	Tangent	17646	-	-	72.7
9	Horizontal Curve	1435	2852	7	72.7
10	Tangent	2675	-	-	72.7
11	Horizontal Curve	1363	22323	0	72.7
12	Tangent	310	-	-	72.7
13	Horizontal Curve	1308	21680	0	72.7
14	Tangent	3109	-	-	72.7

Vehicle Results

Average Speed, mi/h	72.7	Percent Followers, %	18.8
Segment Travel Time, minutes	11.41	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 56

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	16168
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	132	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.08

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.60928	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.23143	PF Power Coefficient	0.71351
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

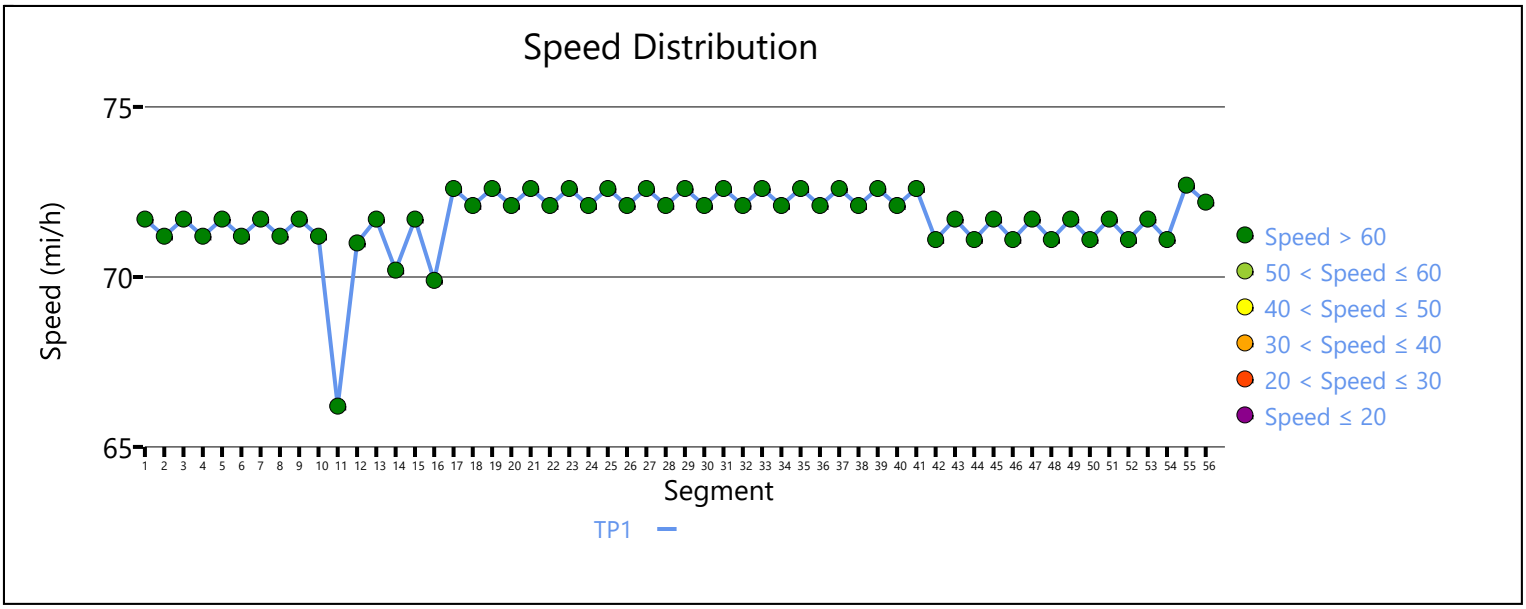
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16168	-	-	72.2

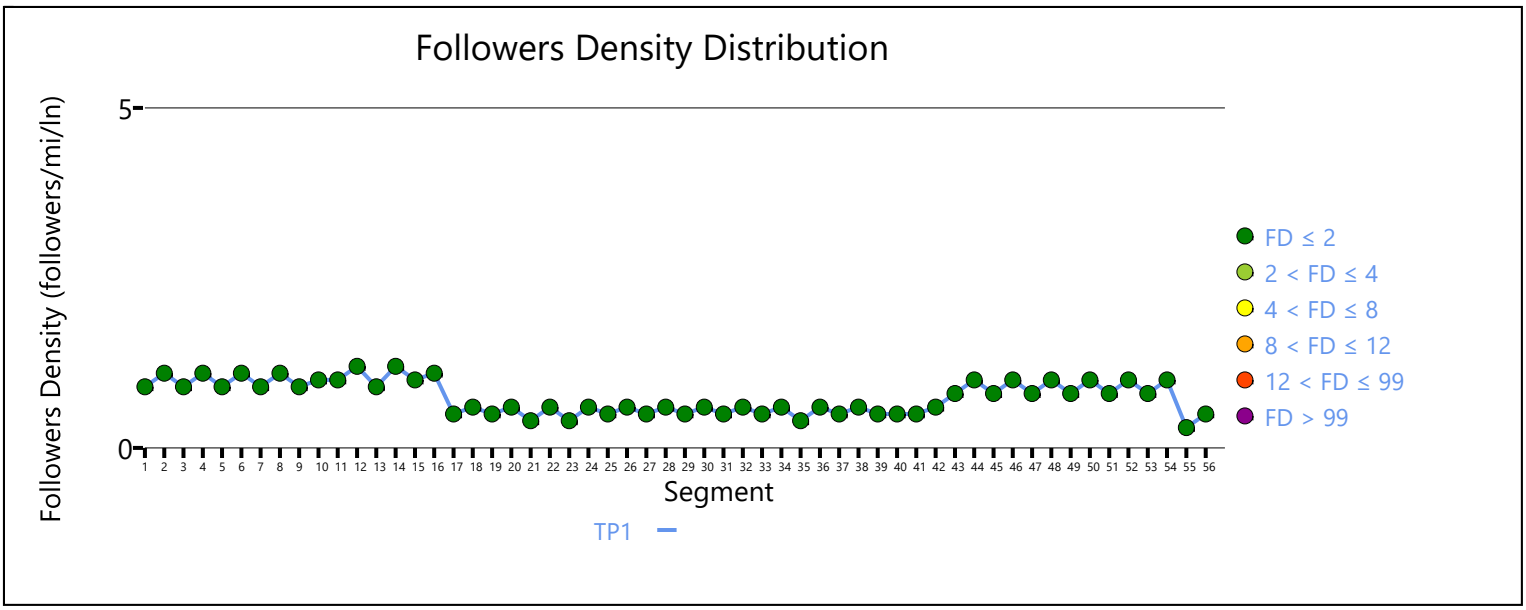
Vehicle Results

Average Speed, mi/h	72.2	Percent Followers, %	25.2
Segment Travel Time, minutes	2.54	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Facility Results

T	Follower Density, followers/mi/ln	LOS
1	0.6	A





HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 1-5	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	16168
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	102	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.06

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.60928	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.23143	PF Power Coefficient	0.71351
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16168	-	-	72.9

Vehicle Results

Average Speed, mi/h	72.9	Percent Followers, %	21.5
Segment Travel Time, minutes	2.52	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 2

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	72265
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	102	Opposing Demand Flow Rate, veh/h	87

Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.06

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.27119	Speed Power Coefficient	0.58035
PF Slope Coefficient	-1.10563	PF Power Coefficient	0.83122
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.2
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	3346	-	-	73.2
2	Horizontal Curve	807	19310	4	73.2
3	Horizontal Curve	369	19898	3	73.2
4	Tangent	719	-	-	73.2
5	Horizontal Curve	1374	22381	4	73.2
6	Tangent	35992	-	-	73.2
7	Horizontal Curve	1811	23986	0	73.2
8	Tangent	17646	-	-	73.2
9	Horizontal Curve	1435	2852	7	73.2
10	Tangent	2675	-	-	73.2
11	Horizontal Curve	1363	22323	0	73.2
12	Tangent	310	-	-	73.2
13	Horizontal Curve	1308	21680	0	73.2
14	Tangent	3109	-	-	73.2

Vehicle Results

Average Speed, mi/h	73.2	Percent Followers, %	15.3
Segment Travel Time, minutes	11.22	Follower Density, followers/mi/ln	0.2
Vehicle LOS	A		

Segment 3

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	623
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	0.0

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.9
Speed Slope Coefficient	4.51231	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24927	PF Power Coefficient	0.76702
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	623	-	-	72.4

Vehicle Results

Average Speed, mi/h	72.4	Percent Followers, %	27.2
Segment Travel Time, minutes	0.10	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 4

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	8859
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.24560	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.10203	PF Power Coefficient	0.84285
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	7733	-	-	72.1
2	Horizontal Curve	1126	15310	0	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	21.7
Segment Travel Time, minutes	1.40	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 5

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	784
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	713	18578	0	71.5
2	Tangent	71	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 6

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	7218
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.23262	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.09861	PF Power Coefficient	0.85268
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	503	16271	0	72.1
2	Tangent	51	-	-	72.1
3	Horizontal Curve	769	19908	0	72.1
4	Tangent	5895	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	21.3
Segment Travel Time, minutes	1.14	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 7

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	612
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	612	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.10	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 8

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4596
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.20831	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.10868	PF Power Coefficient	0.85779
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4596	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	21.3
Segment Travel Time, minutes	0.72	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 9

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	556
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	556	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.6

Vehicle LOS	A		

Segment 10

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	11722
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.25783	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.11089	PF Power Coefficient	0.82911
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11722	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.4
Segment Travel Time, minutes	1.85	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 11

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	572
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	572	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 12

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	25390
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.25729	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.11096	PF Power Coefficient	0.82908
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25148	-	-	72.1
2	Horizontal Curve	242	6250	4	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.4
Segment Travel Time, minutes	4.00	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 13

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1304
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46353	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25957	PF Power Coefficient	0.76499
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	427	6350	4	71.5
2	Tangent	877	-	-	71.5

Vehicle Results

Average Speed, mi/h	71.5	Percent Followers, %	27.5
Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 14

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2532
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	168	Opposing Demand Flow Rate, veh/h	95
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.18302	Speed Power Coefficient	0.57640
PF Slope Coefficient	-1.14172	PF Power Coefficient	0.84558
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	608	-	-	72.1
2	Horizontal Curve	1924	6583	5	72.1

Vehicle Results			
Average Speed, mi/h	72.1	Percent Followers, %	22.3
Segment Travel Time, minutes	0.40	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 15

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	1543
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.4
Speed Slope Coefficient	4.49345	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24274	PF Power Coefficient	0.77097
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1543	-	-	72.5

Vehicle Results			
Average Speed, mi/h	72.5	Percent Followers, %	21.7
Segment Travel Time, minutes	0.24	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 16

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	17566
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17566	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.74	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 17

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2115
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.50363	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.21971	PF Power Coefficient	0.78070
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	547	-	-	72.5
2	Horizontal Curve	838	5600	4	72.5
3	Tangent	730	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	21.0
Segment Travel Time, minutes	0.33	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 18

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	15397
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	15397	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.40	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 19

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1170
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1170	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.18	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 20

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	32688
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	26848	-	-	73.0
2	Horizontal Curve	222	99999	0	73.0
3	Tangent	5618	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	5.09	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 21

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	834
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-

Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	834	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 22

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4364
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.23788	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11152	PF Power Coefficient	0.85711
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4364	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	16.7
Segment Travel Time, minutes	0.68	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 23

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	954
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	954	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 24

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	9999
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28593	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.10806	PF Power Coefficient	0.83373
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9999	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.4
Segment Travel Time, minutes	1.56	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 25

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	728
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	302	-	-	72.5
2	Horizontal Curve	426	99999	0	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.11	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 26

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	10722
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	266	99999	0	73.0
2	Tangent	10456	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	1.67	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 27

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	491
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	491	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1

Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 28

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30700
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30700	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	4.78	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 29

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	925
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609

In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	925	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.14	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 30

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2924
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.22090	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.13318	PF Power Coefficient	0.84941
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2924	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.2
Segment Travel Time, minutes	0.46	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 31

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	797
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	797	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 32

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2281
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.21196	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.14915	PF Power Coefficient	0.84219
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	3	-	-	73.0
2	Horizontal Curve	1953	11400	3	73.0
3	Tangent	325	-	-	73.0

Vehicle Results			
Average Speed, mi/h	73.0	Percent Followers, %	17.7
Segment Travel Time, minutes	0.36	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 33

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	716
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	716	-	-	72.5

Vehicle Results			
Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.11	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 34

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	5695
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.25119	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.10213	PF Power Coefficient	0.85739
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5695	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	16.5
Segment Travel Time, minutes	0.89	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 35

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1439
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.49222	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24770	PF Power Coefficient	0.76881
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1439	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	21.9
Segment Travel Time, minutes	0.23	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 36

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4523

Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.23956	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.10997	PF Power Coefficient	0.85743
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4523	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	16.6
Segment Travel Time, minutes	0.70	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 37

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	945
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	945	-	-	72.5

Vehicle Results			
Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 38

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	16186
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16186	-	-	73.0

Vehicle Results			
Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	2.52	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 39

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	510
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	510	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 40

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	12509
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.28985	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.11150	PF Power Coefficient	0.82887
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6659	-	-	73.0
2	Horizontal Curve	733	23342	0	73.0
3	Tangent	5117	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	17.6
Segment Travel Time, minutes	1.95	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 41

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	745
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	745	-	-	72.5

Vehicle Results

Average Speed, mi/h	72.5	Percent Followers, %	22.1
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 42

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2885
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	0.0

Demand and Capacity

Directional Demand Flow Rate, veh/h	121	Opposing Demand Flow Rate, veh/h	107
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.07

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.9
Speed Slope Coefficient	4.24275	Speed Power Coefficient	0.57111
PF Slope Coefficient	-1.13101	PF Power Coefficient	0.85017
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2885	-	-	73.4

Vehicle Results

Average Speed, mi/h	73.4	Percent Followers, %	17.2
Segment Travel Time, minutes	0.45	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 43

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2460
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.48909	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.21306	PF Power Coefficient	0.78411
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2460	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	26.7
Segment Travel Time, minutes	0.39	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 44

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	809
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.19837	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.20428	PF Power Coefficient	0.81803
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	809	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	25.2
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 45

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	961
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	961	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 46

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4374
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.24058	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12788	PF Power Coefficient	0.85042
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1718	-	-	72.1
2	Horizontal Curve	1345	5799	4	72.1
3	Tangent	1311	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	22.7
Segment Travel Time, minutes	0.69	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 47

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2768
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	4	Free-Flow Speed, mi/h	69.7
Speed Slope Coefficient	11.73869	Speed Power Coefficient	0.66575
PF Slope Coefficient	-1.55938	PF Power Coefficient	0.71014
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2768	-	-	67.6

Vehicle Results

Average Speed, mi/h	67.6	Percent Followers, %	36.5
Segment Travel Time, minutes	0.47	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 48

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	11631
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.29244	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12788	PF Power Coefficient	0.82217
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	10719	-	-	72.0
2	Horizontal Curve	912	5721	4	72.0

Vehicle Results

Average Speed, mi/h	72.0	Percent Followers, %	23.7
Segment Travel Time, minutes	1.83	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 49

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1328
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.47005	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25779	PF Power Coefficient	0.76544
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	943	5721	4	71.6
2	Tangent	385	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 50

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	3283
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.22806	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.14297	PF Power Coefficient	0.84572
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2235	-	-	72.1
2	Horizontal Curve	1048	5804	4	72.1

Vehicle Results			
Average Speed, mi/h	72.1	Percent Followers, %	23.1
Segment Travel Time, minutes	0.52	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 51

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	448
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity			
Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	448	5804	4	71.6

Vehicle Results			
Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.07	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 52

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	2192
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity			
Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21322	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.16893	PF Power Coefficient	0.83466
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	173	5804	4	72.1
2	Tangent	2019	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	24.0
Segment Travel Time, minutes	0.35	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 53

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	498
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 54

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2438
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21684	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.16176	PF Power Coefficient	0.83789
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2438	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	23.8
Segment Travel Time, minutes	0.38	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 55

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	550
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h

1	Tangent	550	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 56

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2106
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21191	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.17167	PF Power Coefficient	0.83341
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2106	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	24.1
Segment Travel Time, minutes	0.33	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 57

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1050
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1050	-	-	71.6

Vehicle Results

Average Speed, mi/h	71.6	Percent Followers, %	28.3
Segment Travel Time, minutes	0.17	Follower Density, followers/mi/ln	0.7
Vehicle LOS	A		

Segment 58

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	547
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	176	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.10

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.19837	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.20428	PF Power Coefficient	0.81803
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	547	-	-	72.1

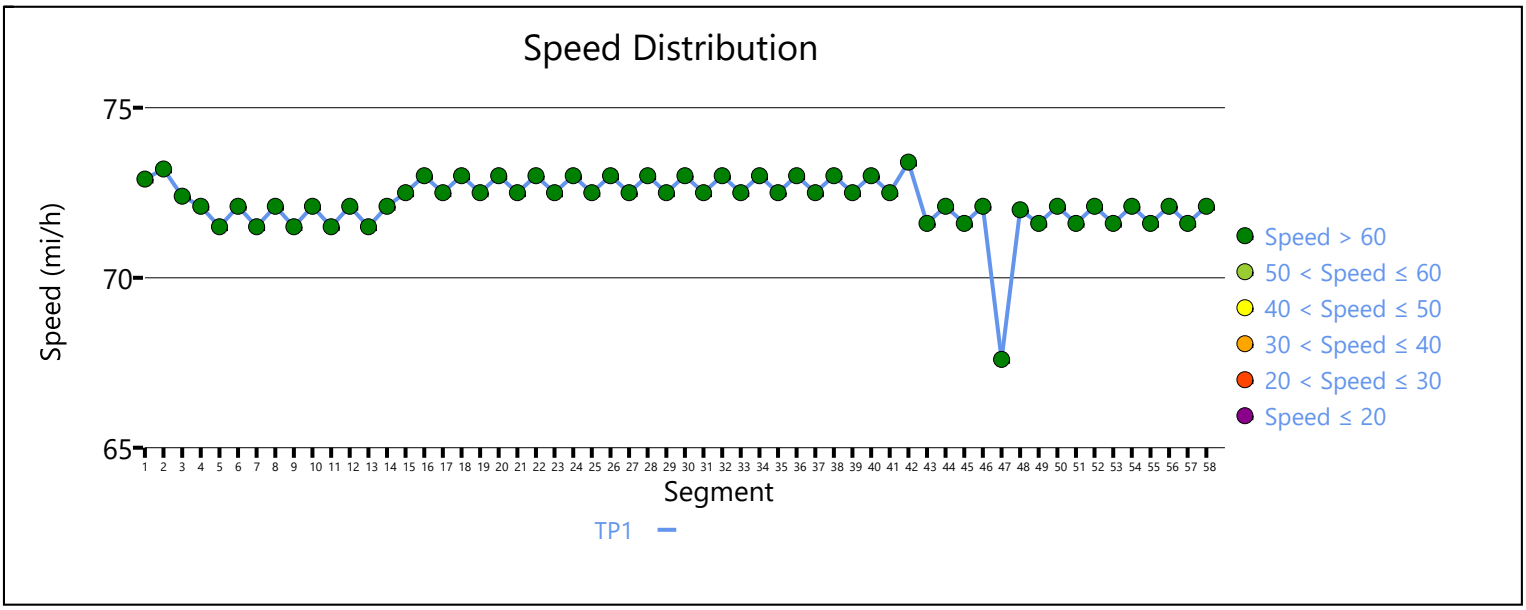
Vehicle Results

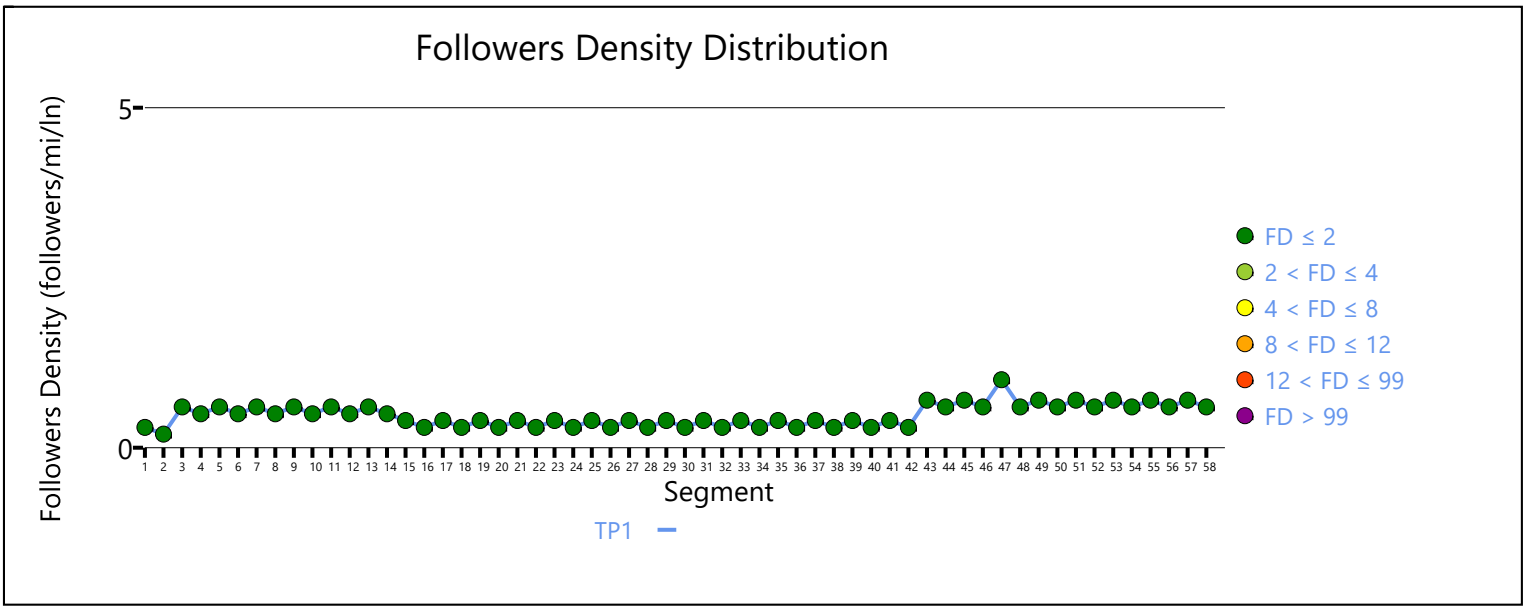
Average Speed, mi/h	72.1	Percent Followers, %	25.2
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Facility Results

T	Follower Density, followers/mi/ln	LOS

1	0.4	A





HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 1-5	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	16168
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	132	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.08

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.60928	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.23143	PF Power Coefficient	0.71351
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16168	-	-	72.2

Vehicle Results

Average Speed, mi/h	72.2	Percent Followers, %	25.2
Segment Travel Time, minutes	2.54	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 2

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	72265
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.2

Demand and Capacity

Directional Demand Flow Rate, veh/h	132	Opposing Demand Flow Rate, veh/h	112

Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.08

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.3
Speed Slope Coefficient	4.28421	Speed Power Coefficient	0.56910
PF Slope Coefficient	-1.11403	PF Power Coefficient	0.82785
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	3346	-	-	72.7
2	Horizontal Curve	807	19310	4	72.7
3	Horizontal Curve	369	19898	3	72.7
4	Tangent	719	-	-	72.7
5	Horizontal Curve	1374	22381	4	72.7
6	Tangent	35992	-	-	72.7
7	Horizontal Curve	1811	23986	0	72.7
8	Tangent	17646	-	-	72.7
9	Horizontal Curve	1435	2852	7	72.7
10	Tangent	2675	-	-	72.7
11	Horizontal Curve	1363	22323	0	72.7
12	Tangent	310	-	-	72.7
13	Horizontal Curve	1308	21680	0	72.7
14	Tangent	3109	-	-	72.7

Vehicle Results

Average Speed, mi/h	72.7	Percent Followers, %	18.8
Segment Travel Time, minutes	11.30	Follower Density, followers/mi/ln	0.3
Vehicle LOS	A		

Segment 3

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	623
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	0.0

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.9
Speed Slope Coefficient	4.51231	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24927	PF Power Coefficient	0.76702
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	623	-	-	72.0

Vehicle Results

Average Speed, mi/h	72.0	Percent Followers, %	32.2
Segment Travel Time, minutes	0.10	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 4

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	8859
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.25922	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11064	PF Power Coefficient	0.83931
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	7733	-	-	71.7
2	Horizontal Curve	1126	15310	0	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	26.6
Segment Travel Time, minutes	1.40	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 5

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	784
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	713	18578	0	71.1
2	Tangent	71	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 6

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	7218
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.24625	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.10721	PF Power Coefficient	0.84912
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	503	16271	0	71.7
2	Tangent	51	-	-	71.7
3	Horizontal Curve	769	19908	0	71.7
4	Tangent	5895	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	26.2
Segment Travel Time, minutes	1.14	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 7

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	612
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	612	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.10	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 8

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4596
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.22194	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11738	PF Power Coefficient	0.85429
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4596	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	26.2
Segment Travel Time, minutes	0.73	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 9

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	556
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	556	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.0

Vehicle LOS	A		

Segment 10

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	11722
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.27146	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11956	PF Power Coefficient	0.82563
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11722	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.3
Segment Travel Time, minutes	1.86	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 11

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	572
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46407	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25946	PF Power Coefficient	0.76501
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	572	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 12

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	25390
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.27091	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.11963	PF Power Coefficient	0.82560
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25148	-	-	71.7
2	Horizontal Curve	242	6250	4	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.3
Segment Travel Time, minutes	4.02	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 13

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1304
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.46353	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25957	PF Power Coefficient	0.76499
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	427	6350	4	71.1
2	Tangent	877	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	32.5
Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 14

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2532
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.6

Demand and Capacity

Directional Demand Flow Rate, veh/h	218	Opposing Demand Flow Rate, veh/h	123
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.0
Speed Slope Coefficient	4.19665	Speed Power Coefficient	0.56477
PF Slope Coefficient	-1.15071	PF Power Coefficient	0.84227
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	608	-	-	71.7
2	Horizontal Curve	1924	6583	5	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.3
Segment Travel Time, minutes	0.40	Follower Density, followers/mi/ln	0.8
Vehicle LOS	A		

Segment 15

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1543
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.4
Speed Slope Coefficient	4.49345	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24274	PF Power Coefficient	0.77097
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1543	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	25.8
Segment Travel Time, minutes	0.24	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 16

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	17566
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17566	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.75	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 17

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2115
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.50363	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.21971	PF Power Coefficient	0.78070
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	547	-	-	72.1
2	Horizontal Curve	838	5600	4	72.1
3	Tangent	730	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	25.0
Segment Travel Time, minutes	0.33	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 18

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	15397
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	15397	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.41	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 19

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1170
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1170	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.18	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 20

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	32688
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	26848	-	-	72.6
2	Horizontal Curve	222	99999	0	72.6
3	Tangent	5618	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	5.12	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 21

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	834
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-

Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	834	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 22

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4364
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.25292	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12082	PF Power Coefficient	0.85329
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4364	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	20.6
Segment Travel Time, minutes	0.68	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 23

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	954
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	954	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 24

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	9999
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30097	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.11729	PF Power Coefficient	0.82991
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9999	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.4
Segment Travel Time, minutes	1.57	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 25

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	728
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	302	-	-	72.1
2	Horizontal Curve	426	99999	0	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.11	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 26

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	10722
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	266	99999	0	72.6
2	Tangent	10456	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	1.68	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 27

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	491
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	491	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2

Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 28

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30700
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30700	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	4.81	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 29

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	925
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609

In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	925	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 30

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2924
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.23594	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.14268	PF Power Coefficient	0.84573
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2924	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.3
Segment Travel Time, minutes	0.46	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 31

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	797
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data					
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	797	-	-	72.1

Vehicle Results			
Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 32

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	2281
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.22700	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.15879	PF Power Coefficient	0.83861
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data					
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	3	-	-	72.6
2	Horizontal Curve	1953	11400	3	72.6
3	Tangent	325	-	-	72.6

Vehicle Results			
Average Speed, mi/h	72.6	Percent Followers, %	21.8
Segment Travel Time, minutes	0.36	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 33

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	716
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	716	-	-	72.1

Vehicle Results			
Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.11	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 34

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	5695
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.26623	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.11133	PF Power Coefficient	0.85353
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5695	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	20.5
Segment Travel Time, minutes	0.89	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 35

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1439
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.49222	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.24770	PF Power Coefficient	0.76881
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1439	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.0
Segment Travel Time, minutes	0.23	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 36

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4523

Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.25461	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.11925	PF Power Coefficient	0.85361
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4523	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	20.6
Segment Travel Time, minutes	0.71	Follower Density, followers/mi/ln	0.4
Vehicle LOS	A		

Segment 37

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	945
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	945	-	-	72.1

Vehicle Results			
Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 38

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	16186
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16186	-	-	72.6

Vehicle Results			
Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	2.53	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 39

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	510
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity			
Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	510	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 40

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	12509
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.30489	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.12075	PF Power Coefficient	0.82507
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6659	-	-	72.6
2	Horizontal Curve	733	23342	0	72.6
3	Tangent	5117	-	-	72.6

Vehicle Results

Average Speed, mi/h	72.6	Percent Followers, %	21.6
Segment Travel Time, minutes	1.96	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 41

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	745
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	1.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.5
Speed Slope Coefficient	4.48995	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25400	PF Power Coefficient	0.76609
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	745	-	-	72.1

Vehicle Results

Average Speed, mi/h	72.1	Percent Followers, %	26.2
Segment Travel Time, minutes	0.12	Follower Density, followers/mi/ln	0.6
Vehicle LOS	A		

Segment 42

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2885
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	0.0

Demand and Capacity

Directional Demand Flow Rate, veh/h	157	Opposing Demand Flow Rate, veh/h	139
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.09

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.9
Speed Slope Coefficient	4.25779	Speed Power Coefficient	0.55850
PF Slope Coefficient	-1.14046	PF Power Coefficient	0.84648
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2885	-	-	73.0

Vehicle Results

Average Speed, mi/h	73.0	Percent Followers, %	21.2
Segment Travel Time, minutes	0.45	Follower Density, followers/mi/ln	0.5
Vehicle LOS	A		

Segment 43

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2460
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.48909	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.21306	PF Power Coefficient	0.78411
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2460	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	31.7
Segment Travel Time, minutes	0.39	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 44

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	809
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21589	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.21482	PF Power Coefficient	0.81429
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	809	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	30.6
Segment Travel Time, minutes	0.13	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Segment 45

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	961
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	961	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.15	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 46

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4374
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.25810	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.13768	PF Power Coefficient	0.84621
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1718	-	-	71.7
2	Horizontal Curve	1345	5799	4	71.7
3	Tangent	1311	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	27.8
Segment Travel Time, minutes	0.69	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 47

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	2768
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	4	Free-Flow Speed, mi/h	69.7
Speed Slope Coefficient	11.73869	Speed Power Coefficient	0.66575
PF Slope Coefficient	-1.55938	PF Power Coefficient	0.71014
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.4

%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2768	-	-	66.7

Vehicle Results

Average Speed, mi/h	66.7	Percent Followers, %	42.1
Segment Travel Time, minutes	0.47	Follower Density, followers/mi/ln	1.4
Vehicle LOS	A		

Segment 48

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	11631
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.30996	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.13763	PF Power Coefficient	0.81797
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	10719	-	-	71.7
2	Horizontal Curve	912	5721	4	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	28.8
Segment Travel Time, minutes	1.84	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 49

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1328
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.47005	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25779	PF Power Coefficient	0.76544
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	943	5721	4	71.2
2	Tangent	385	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.21	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 50

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	3283
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.24558	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.15291	PF Power Coefficient	0.84160
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2235	-	-	71.7
2	Horizontal Curve	1048	5804	4	71.7

Vehicle Results			
Average Speed, mi/h	71.7	Percent Followers, %	28.3
Segment Travel Time, minutes	0.52	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 51

Vehicle Inputs			
Segment Type	Passing Constrained	Length, ft	448
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity			
Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results			
Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	448	5804	4	71.2

Vehicle Results			
Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.07	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 52

Vehicle Inputs			
Segment Type	Passing Zone	Length, ft	2192
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity			
Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.23074	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.17912	PF Power Coefficient	0.83071
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	173	5804	4	71.7
2	Tangent	2019	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	29.2
Segment Travel Time, minutes	0.35	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 53

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	498
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 54

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2438
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.23436	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.17188	PF Power Coefficient	0.83389
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2438	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	29.0
Segment Travel Time, minutes	0.39	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 55

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	550
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h

1	Tangent	550	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 56

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	2106
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.22943	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.18189	PF Power Coefficient	0.82947
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	0.9
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2106	-	-	71.7

Vehicle Results

Average Speed, mi/h	71.7	Percent Followers, %	29.4
Segment Travel Time, minutes	0.33	Follower Density, followers/mi/ln	0.9
Vehicle LOS	A		

Segment 57

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	1050
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.46990	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25823	PF Power Coefficient	0.76525
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1050	-	-	71.2

Vehicle Results

Average Speed, mi/h	71.2	Percent Followers, %	33.4
Segment Travel Time, minutes	0.17	Follower Density, followers/mi/ln	1.1
Vehicle LOS	A		

Segment 58

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	547
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	3.1

Demand and Capacity

Directional Demand Flow Rate, veh/h	229	Opposing Demand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.13

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.1
Speed Slope Coefficient	4.21589	Speed Power Coefficient	0.53858
PF Slope Coefficient	-1.21482	PF Power Coefficient	0.81429
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	1.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	547	-	-	71.7

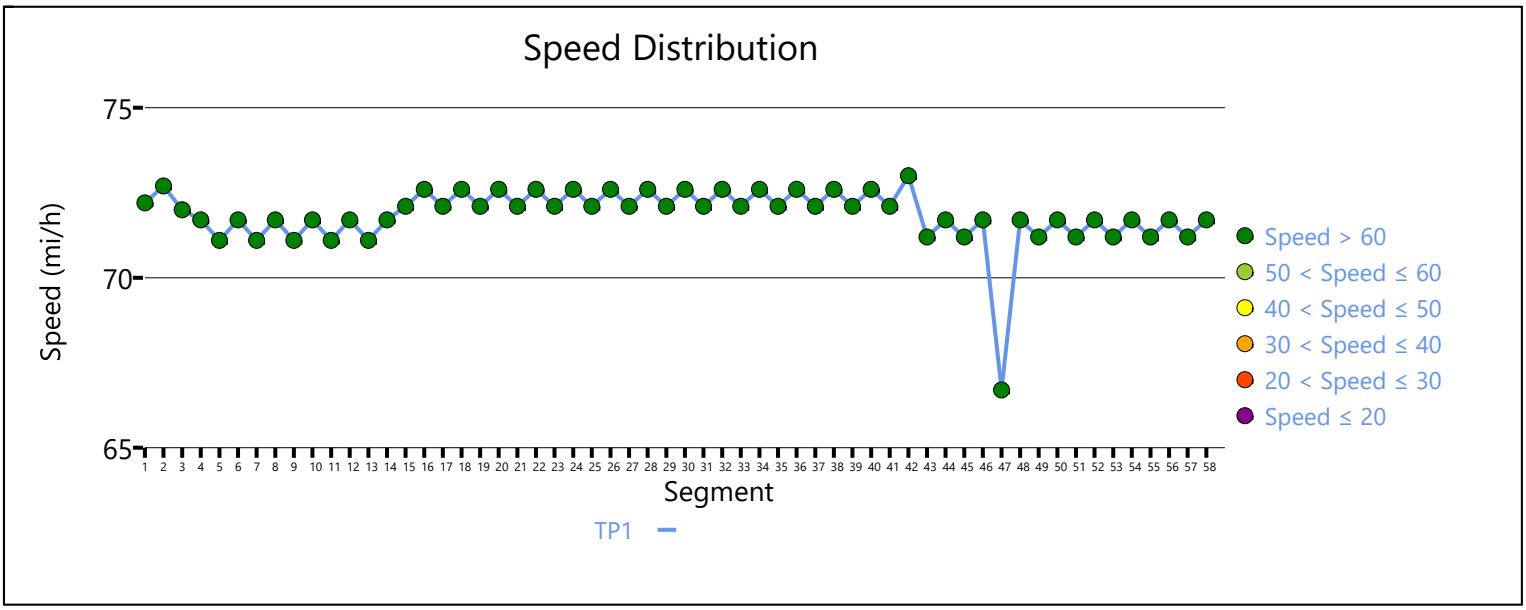
Vehicle Results

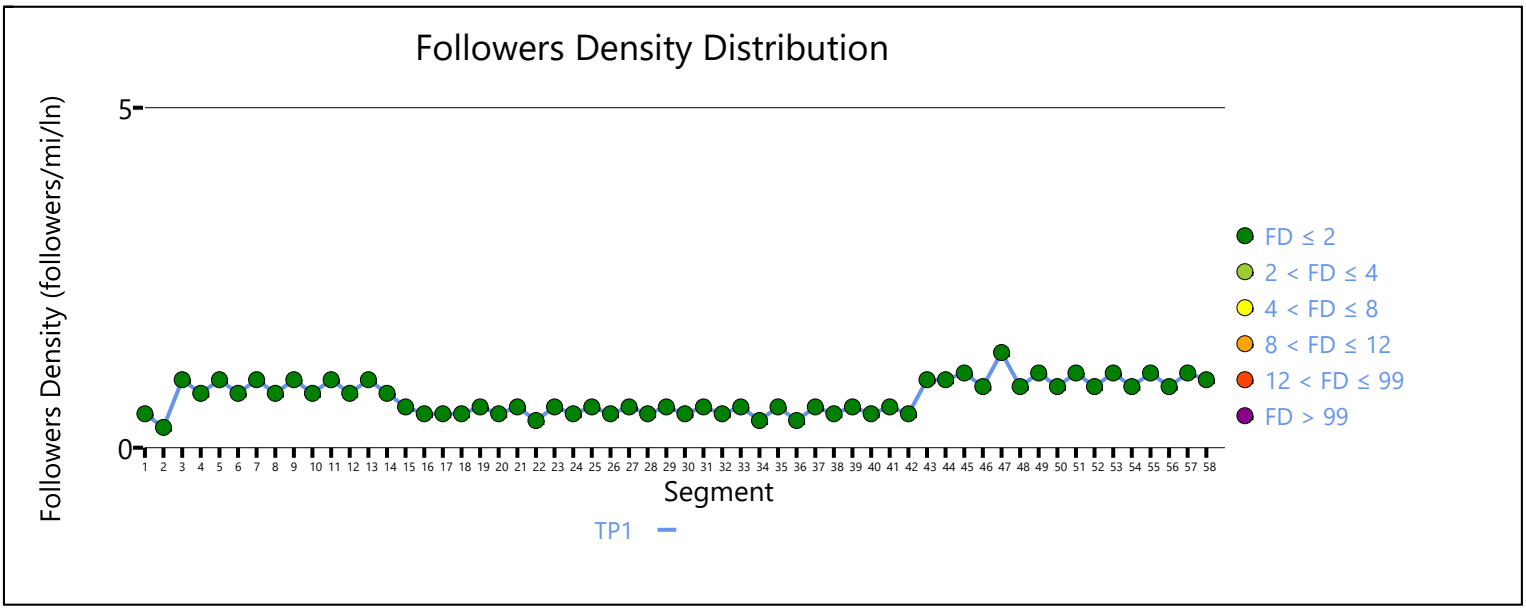
Average Speed, mi/h	71.7	Percent Followers, %	30.6
Segment Travel Time, minutes	0.09	Follower Density, followers/mi/ln	1.0
Vehicle LOS	A		

Facility Results

T	Follower Density, followers/mi/ln	LOS

1	0.6	A





HCS7 Multilane Highway Report

Project Information

Analyst	MB	Date	9/18/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 6	Unit	United States Customary

Direction 1 Geometric Data

Direction 1	Eastbound		
Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Access Point Density, pts/mi	1.7
Lane Width, ft	12	Left-Side Lateral Clearance (LC_R), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		

Direction 1 Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Driver Population SAF	1.000	Final Capacity Adjustment Factor (CAF)	1.000
Driver Population CAF	1.000		

Direction 1 Demand and Capacity

Volume(V) veh/h	103	Heavy Vehicle Adjustment Factor (f_{HV})	0.935
Peak Hour Factor	0.84	Flow Rate (V_p), pc/h/ln	66
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.03

Direction 1 Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (f_{LLC})	0.0	Density (D), pc/mi/ln	1.0
Median Type Adjustment (f_M)	0.0	Level of Service (LOS)	A
Access Point Density Adjustment (f_A)	0.4		

Direction 1 Bicycle LOS

Flow Rate in Outside Lane (v_{OL}),veh/h	61	Effective Speed Factor (S_t)	4.62
Effective Width of Volume (W_v), ft	27	Bicyle LOS Score (BLOS)	0.59
Average Effective Width (W_e), ft	33	Bicycle Level of Service (LOS)	A

HCS7 Multilane Highway Report

Project Information

Analyst	MB	Date	9/18/2020
Agency	BHI	Analysis Year	2039
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 6	Unit	United States Customary

Direction 1 Geometric Data

Direction 1	Eastbound		
Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Access Point Density, pts/mi	1.7
Lane Width, ft	12	Left-Side Lateral Clearance (LC_R), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		

Direction 1 Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Driver Population SAF	1.000	Final Capacity Adjustment Factor (CAF)	1.000
Driver Population CAF	1.000		

Direction 1 Demand and Capacity

Volume(V) veh/h	133	Heavy Vehicle Adjustment Factor (f_{HV})	0.935
Peak Hour Factor	0.84	Flow Rate (V_p), pc/h/ln	84
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.04

Direction 1 Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (f_{LLC})	0.0	Density (D), pc/mi/ln	1.3
Median Type Adjustment (f_M)	0.0	Level of Service (LOS)	A
Access Point Density Adjustment (f_A)	0.4		

Direction 1 Bicycle LOS

Flow Rate in Outside Lane (v_{OL}),veh/h	79	Effective Speed Factor (S_t)	4.62
Effective Width of Volume (W_v), ft	24	Bicyle LOS Score (BLOS)	1.67
Average Effective Width (W_e), ft	30	Bicycle Level of Service (LOS)	B

HCS7 Multilane Highway Report

Project Information

Analyst	MB	Date	9/18/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 6	Unit	United States Customary

Direction 1 Geometric Data

Direction 1	Westbound		
Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Access Point Density, pts/mi	1.7
Lane Width, ft	12	Left-Side Lateral Clearance (LC_R), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		

Direction 1 Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Driver Population SAF	1.000	Final Capacity Adjustment Factor (CAF)	1.000
Driver Population CAF	1.000		

Direction 1 Demand and Capacity

Volume(V) veh/h	99	Heavy Vehicle Adjustment Factor (f_{HV})	0.935
Peak Hour Factor	0.84	Flow Rate (V_p), pc/h/ln	63
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.03

Direction 1 Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (f_{LLC})	0.0	Density (D), pc/mi/ln	1.0
Median Type Adjustment (f_M)	0.0	Level of Service (LOS)	A
Access Point Density Adjustment (f_A)	0.4		

Direction 1 Bicycle LOS

Flow Rate in Outside Lane (v_{OL}),veh/h	59	Effective Speed Factor (S_t)	4.62
Effective Width of Volume (W_v), ft	27	Bicyle LOS Score (BLOS)	0.58
Average Effective Width (W_e), ft	33	Bicycle Level of Service (LOS)	A

HCS7 Multilane Highway Report

Project Information

Analyst	MB	Date	9/18/2020
Agency	BHI	Analysis Year	2039
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 6	Unit	United States Customary

Direction 1 Geometric Data

Direction 1	Westbound		
Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Access Point Density, pts/mi	1.7
Lane Width, ft	12	Left-Side Lateral Clearance (LC_R), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		

Direction 1 Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Driver Population SAF	1.000	Final Capacity Adjustment Factor (CAF)	1.000
Driver Population CAF	1.000		

Direction 1 Demand and Capacity

Volume(V) veh/h	128	Heavy Vehicle Adjustment Factor (f_{HV})	0.935
Peak Hour Factor	0.84	Flow Rate (V_p), pc/h/ln	82
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.04

Direction 1 Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (f_{LLC})	0.0	Density (D), pc/mi/ln	1.3
Median Type Adjustment (f_M)	0.0	Level of Service (LOS)	A
Access Point Density Adjustment (f_A)	0.4		

Direction 1 Bicycle LOS

Flow Rate in Outside Lane (v_{OL}),veh/h	76	Effective Speed Factor (S_t)	4.62
Effective Width of Volume (W_v), ft	24	Bicyle LOS Score (BLOS)	1.65
Average Effective Width (W_e), ft	30	Bicycle Level of Service (LOS)	B

HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 7	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30408
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.29827	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12711	PF Power Coefficient	0.82247
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1216	-	-	71.1
2	Horizontal Curve	308	6489	3	71.1
3	Tangent	457	-	-	71.1
4	Horizontal Curve	573	11945	4	71.1
5	Tangent	2155	-	-	71.1
6	Horizontal Curve	396	7120	3	71.1
7	Tangent	365	-	-	71.1
8	Horizontal Curve	670	12210	3	71.1
9	Tangent	12529	-	-	71.1
10	Horizontal Curve	1599	11560	3	71.1
11	Tangent	3201	-	-	71.1
12	Horizontal Curve	1120	99999	0	71.1
13	Tangent	5818	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	39.1
Segment Travel Time, minutes	4.86	Follower Density, followers/mi/ln	2.0
Vehicle LOS	B		

Segment 2

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	498
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47572	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25700	PF Power Coefficient	0.76550
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	44.3
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	2.3
Vehicle LOS	B		

Segment 3

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4786
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.25031	Speed Power Coefficient	0.55232

PF Slope Coefficient	-1.12336	PF Power Coefficient	0.85130
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	38.1
Segment Travel Time, minutes	0.76	Follower Density, followers/mi/ln	2.0
Vehicle LOS	A		

Segment 4

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	499
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47532	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25709	PF Power Coefficient	0.76548
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	499	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	44.3
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	2.3
Vehicle LOS	B		

Segment 5

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	20453
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.29786	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12716	PF Power Coefficient	0.82245
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

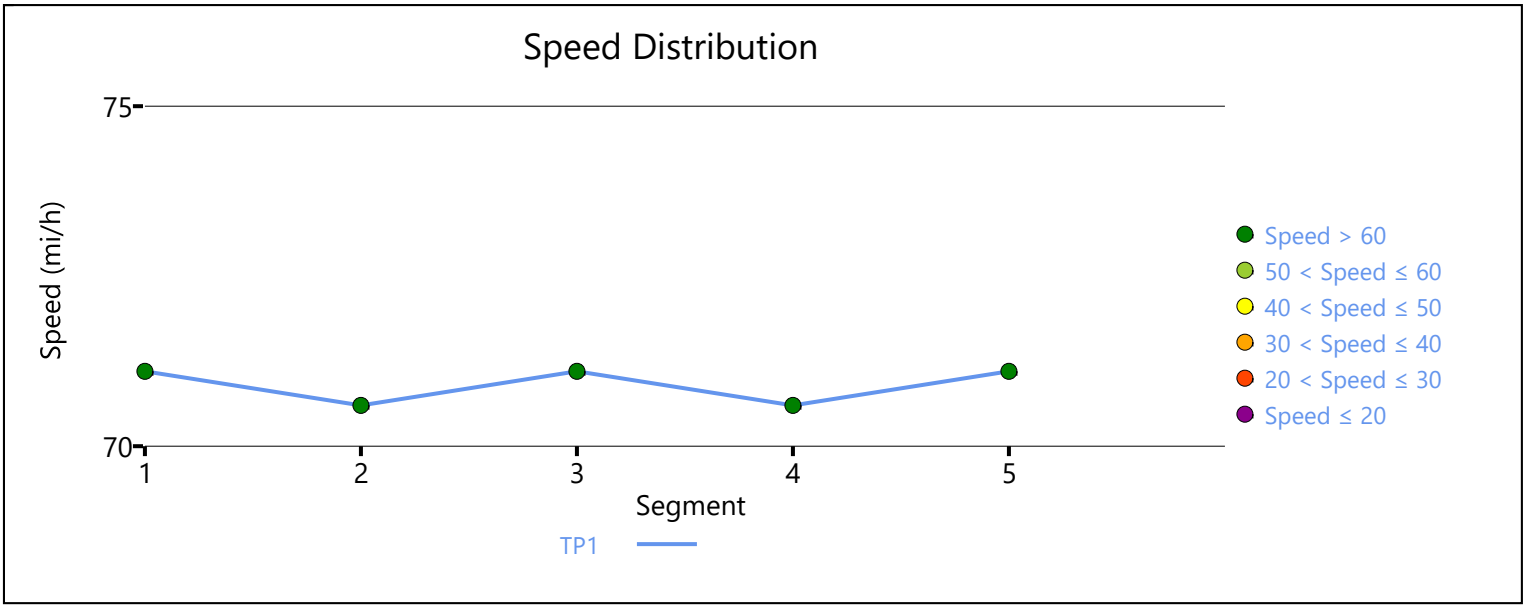
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	18754	-	-	71.1
2	Horizontal Curve	412	7808	4	71.1
3	Tangent	636	-	-	71.1
4	Horizontal Curve	246	4710	2	71.1
5	Tangent	405	-	-	71.1

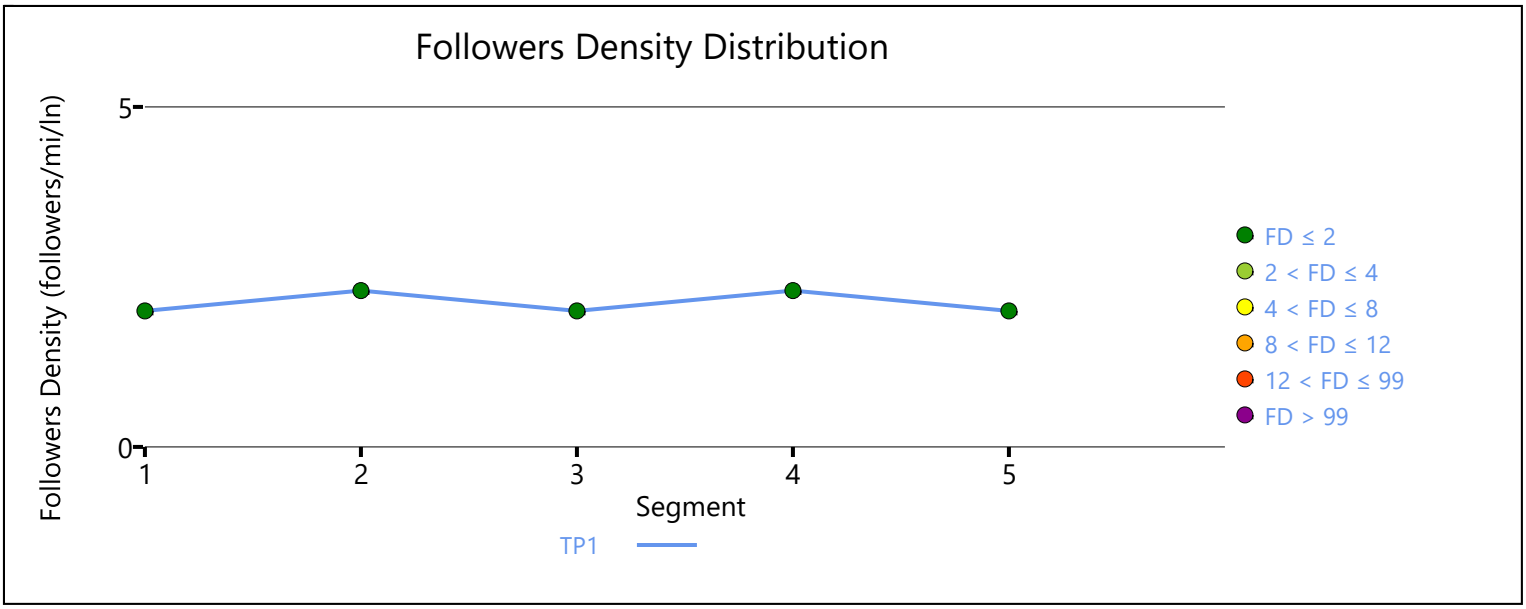
Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	39.1
Segment Travel Time, minutes	3.27	Follower Density, followers/mi/ln	2.0
Vehicle LOS	B		

Facility Results

T	Follower Density, followers/mi/ln	LOS
1	2.0	B





HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 7	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30408
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	205
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.31666	Speed Power Coefficient	0.53792
PF Slope Coefficient	-1.13730	PF Power Coefficient	0.81806
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1216	-	-	70.6
2	Horizontal Curve	308	6489	3	70.6
3	Tangent	457	-	-	70.6
4	Horizontal Curve	573	11945	4	70.6
5	Tangent	2155	-	-	70.6
6	Horizontal Curve	396	7120	3	70.6
7	Tangent	365	-	-	70.6
8	Horizontal Curve	670	12210	3	70.6
9	Tangent	12529	-	-	70.6
10	Horizontal Curve	1599	11560	3	70.6
11	Tangent	3201	-	-	70.6
12	Horizontal Curve	1120	99999	0	70.6
13	Tangent	5818	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	46.2
Segment Travel Time, minutes	4.89	Follower Density, followers/mi/ln	3.1
Vehicle LOS	B		

Segment 2

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	498
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47572	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25700	PF Power Coefficient	0.76550
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-	-	70.2

Vehicle Results

Average Speed, mi/h	70.2	Percent Followers, %	50.9
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	3.5
Vehicle LOS	B		

Segment 3

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4786
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	205
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.26869	Speed Power Coefficient	0.53792

PF Slope Coefficient	-1.13356	PF Power Coefficient	0.84685
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786	-	-	70.7

Vehicle Results

Average Speed, mi/h	70.7	Percent Followers, %	45.4
Segment Travel Time, minutes	0.77	Follower Density, followers/mi/ln	3.1
Vehicle LOS	B		

Segment 4

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	499
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47532	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25709	PF Power Coefficient	0.76548
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	499	-	-	70.2

Vehicle Results

Average Speed, mi/h	70.2	Percent Followers, %	51.0
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	3.5
Vehicle LOS	B		

Segment 5

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	20453
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	205
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.31625	Speed Power Coefficient	0.53792
PF Slope Coefficient	-1.13735	PF Power Coefficient	0.81804
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

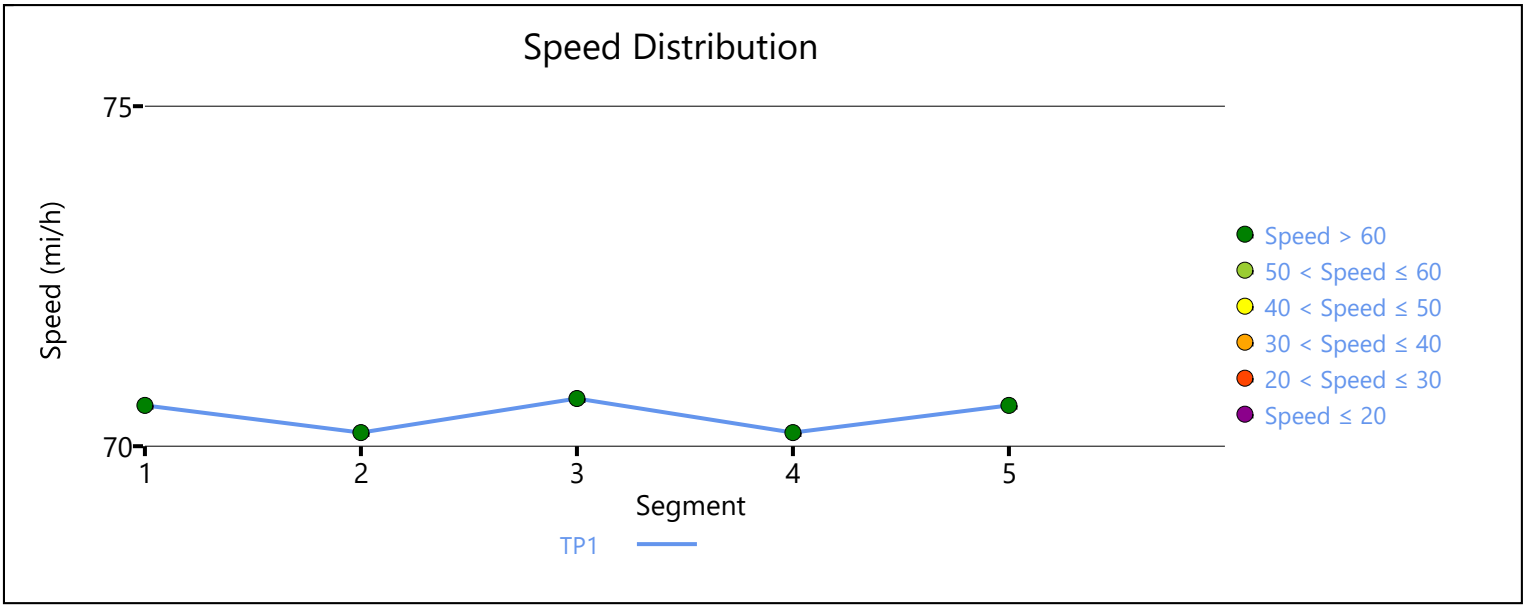
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	18754	-	-	70.6
2	Horizontal Curve	412	7808	4	70.6
3	Tangent	636	-	-	70.6
4	Horizontal Curve	246	4710	2	70.6
5	Tangent	405	-	-	70.6

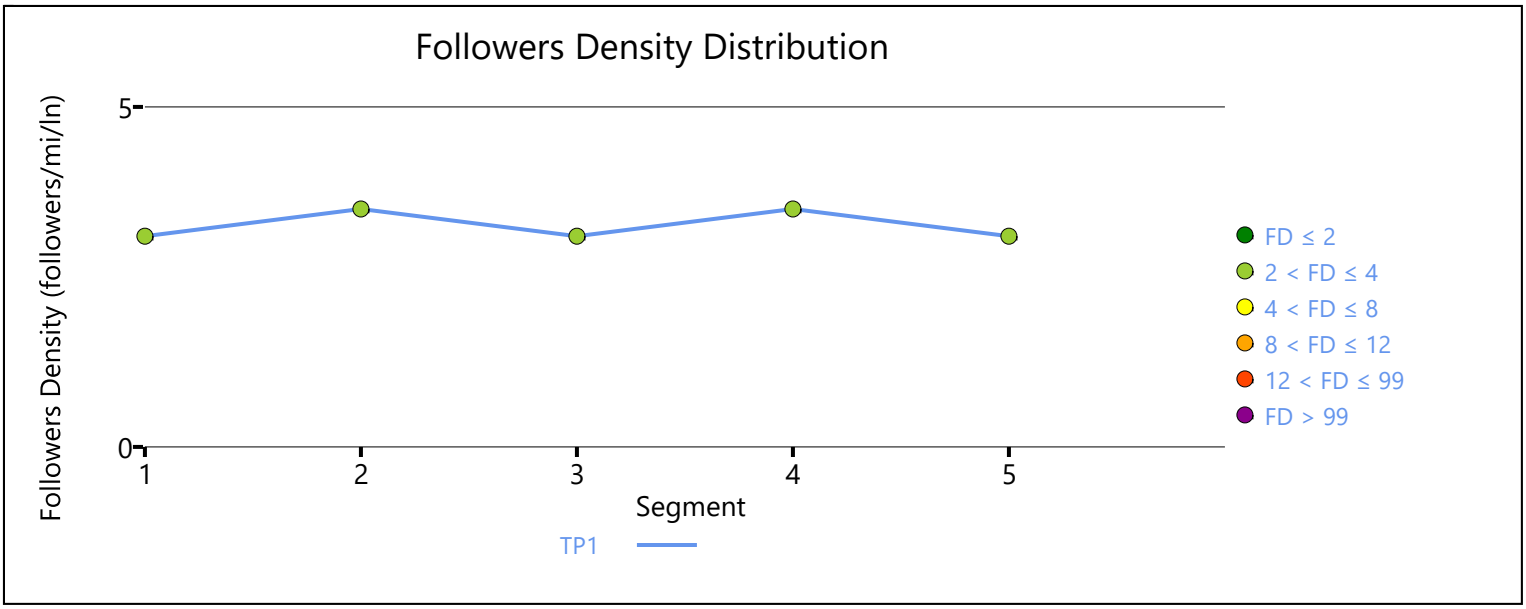
Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	46.2
Segment Travel Time, minutes	3.29	Follower Density, followers/mi/ln	3.1
Vehicle LOS	B		

Facility Results

T	Follower Density, followers/mi/ln	LOS
1	3.1	B





HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2019
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 7	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30457
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.29827	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12711	PF Power Coefficient	0.82247
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1218	-	-	71.1
2	Horizontal Curve	308	3000	0	71.1
3	Tangent	458	-	-	71.1
4	Horizontal Curve	574	3000	0	71.1
5	Tangent	2158	-	-	71.1
6	Horizontal Curve	397	3000	0	71.1
7	Tangent	366	-	-	71.1
8	Horizontal Curve	671	3000	0	71.1
9	Tangent	12549	-	-	71.1
10	Horizontal Curve	1602	3000	0	71.1
11	Tangent	3206	-	-	71.1
12	Horizontal Curve	1122	3000	0	71.1
13	Tangent	5827	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	39.1
Segment Travel Time, minutes	4.87	Follower Density, followers/mi/ln	2.0
Vehicle LOS	B		

Segment 2

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	498
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47572	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25700	PF Power Coefficient	0.76550
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	44.3
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	2.3
Vehicle LOS	B		

Segment 3

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4786
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.25031	Speed Power Coefficient	0.55232

PF Slope Coefficient	-1.12336	PF Power Coefficient	0.85130
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786	-	-	71.1

Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	38.1
Segment Travel Time, minutes	0.76	Follower Density, followers/mi/ln	2.0
Vehicle LOS	A		

Segment 4

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	500
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47532	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25709	PF Power Coefficient	0.76548
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	500	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	44.3
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	2.3
Vehicle LOS	B		

Segment 5

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	19879
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	368	Opposing Demand Flow Rate, veh/h	157
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.22

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.29786	Speed Power Coefficient	0.55232
PF Slope Coefficient	-1.12716	PF Power Coefficient	0.82245
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	2.0
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

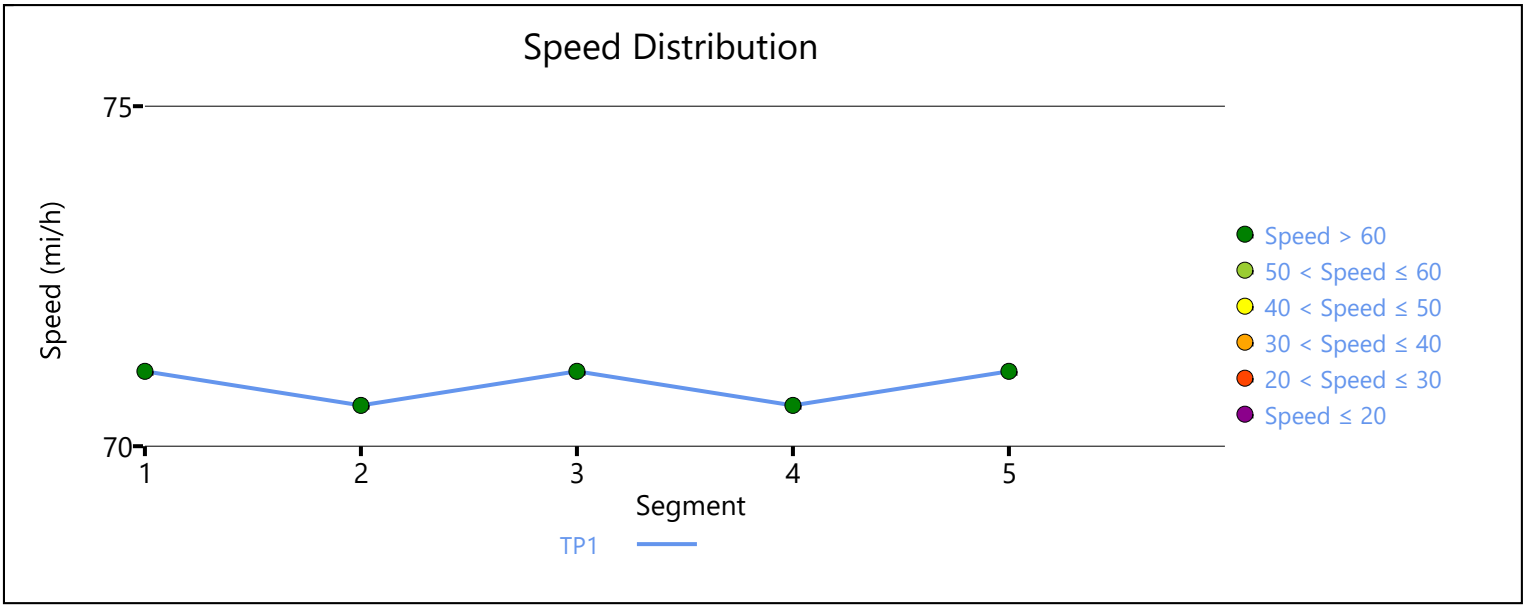
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	18227	-	-	71.1
2	Horizontal Curve	400	3000	0	71.1
3	Tangent	619	-	-	71.1
4	Horizontal Curve	239	3000	0	71.1
5	Tangent	394	-	-	71.1

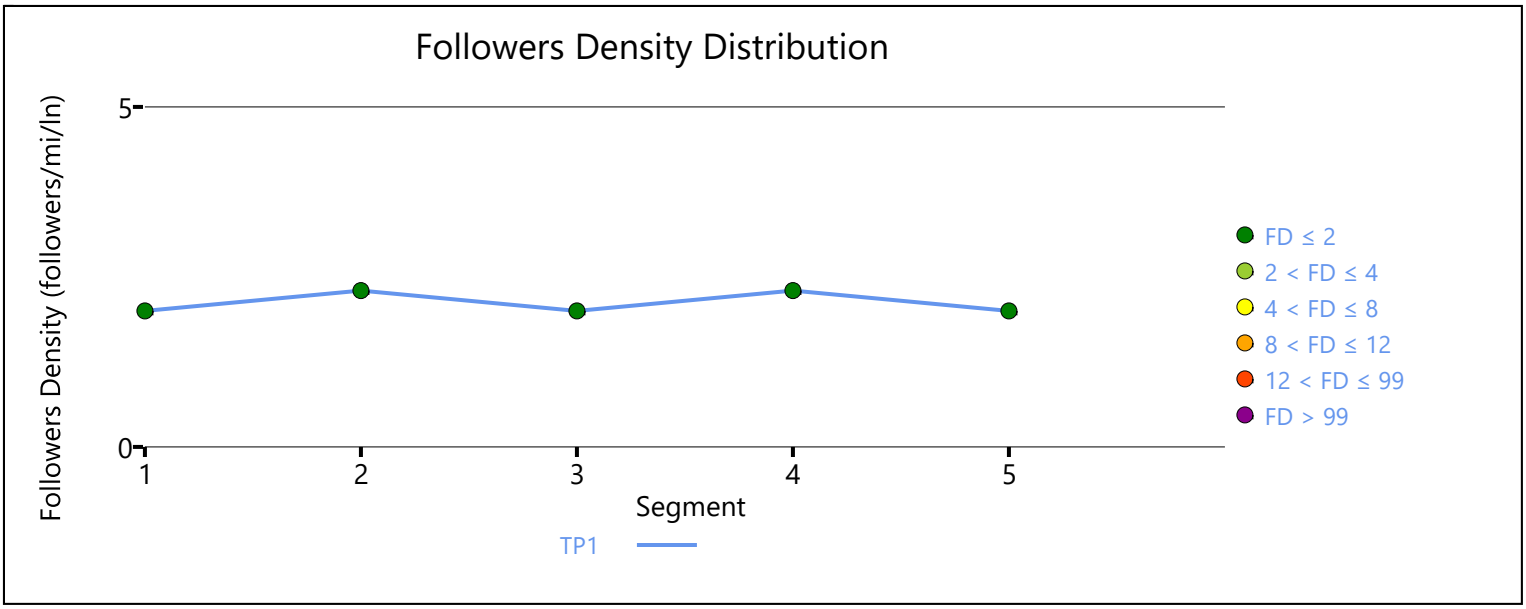
Vehicle Results

Average Speed, mi/h	71.1	Percent Followers, %	39.1
Segment Travel Time, minutes	3.18	Follower Density, followers/mi/ln	2.0
Vehicle LOS	B		

Facility Results

T	Follower Density, followers/mi/ln	LOS
1	2.0	B





HCS7 Two-Lane Highway Report

Project Information

Analyst	MB	Date	9/9/2020
Agency	BHI	Analysis Year	2039
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 7	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	30457
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	205
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.31666	Speed Power Coefficient	0.53792
PF Slope Coefficient	-1.13730	PF Power Coefficient	0.81806
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1218	-	-	70.6
2	Horizontal Curve	308	3000	0	70.6
3	Tangent	458	-	-	70.6
4	Horizontal Curve	574	3000	0	70.6
5	Tangent	2158	-	-	70.6
6	Horizontal Curve	397	3000	0	70.6
7	Tangent	366	-	-	70.6
8	Horizontal Curve	671	3000	0	70.6
9	Tangent	12549	-	-	70.6
10	Horizontal Curve	1602	3000	0	70.6
11	Tangent	3206	-	-	70.6
12	Horizontal Curve	1122	3000	0	70.6
13	Tangent	5827	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	46.2
Segment Travel Time, minutes	4.90	Follower Density, followers/mi/ln	3.1
Vehicle LOS	B		

Segment 2

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	498
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47572	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25700	PF Power Coefficient	0.76550
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-	-	70.2

Vehicle Results

Average Speed, mi/h	70.2	Percent Followers, %	50.9
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	3.5
Vehicle LOS	B		

Segment 3

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	4786
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	205
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.26869	Speed Power Coefficient	0.53792

PF Slope Coefficient	-1.13356	PF Power Coefficient	0.84685
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786	-	-	70.7

Vehicle Results

Average Speed, mi/h	70.7	Percent Followers, %	45.4
Segment Travel Time, minutes	0.77	Follower Density, followers/mi/ln	3.1
Vehicle LOS	B		

Segment 4

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	500
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.47532	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.25709	PF Power Coefficient	0.76548
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	500	-	-	70.2

Vehicle Results

Average Speed, mi/h	70.2	Percent Followers, %	51.0
Segment Travel Time, minutes	0.08	Follower Density, followers/mi/ln	3.5
Vehicle LOS	B		

Segment 5

Vehicle Inputs

Segment Type	Passing Zone	Length, ft	19879
Lane Width, ft	12	Shoulder Width, ft	6
Speed Limit, mi/h	65	Access Point Density, pts/mi	2.7

Demand and Capacity

Directional Demand Flow Rate, veh/h	476	Opposing Demand Flow Rate, veh/h	205
Peak Hour Factor	0.84	Total Trucks, %	7.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.28

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	73.2
Speed Slope Coefficient	4.31625	Speed Power Coefficient	0.53792
PF Slope Coefficient	-1.13735	PF Power Coefficient	0.81804
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	18227	-	-	70.6
2	Horizontal Curve	400	3000	0	70.6
3	Tangent	619	-	-	70.6
4	Horizontal Curve	239	3000	0	70.6
5	Tangent	394	-	-	70.6

Vehicle Results

Average Speed, mi/h	70.6	Percent Followers, %	46.2
Segment Travel Time, minutes	3.20	Follower Density, followers/mi/ln	3.1
Vehicle LOS	B		

Facility Results

T	Follower Density, followers/mi/ln	LOS
1	3.1	B