APPENDIX B

Traffic Analysis

Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient In Passing Lane Effective Length? No %Improved % Followers Passing Zon 12 0.84 176 176 176 1776 1700				
Agency Jurisdiction Project Description Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient In Passing Lane Effective Length? No SIMProved % Followers US 380 Phas Study - Sector Passing Zon 12 12 12 12 12 12 12 12 12 12 12 12 12				
Jurisdiction NMDOT Project Description US 380 Phas Study - Sect Vehicle Inputs Segment Type Passing Zon Lane Width, ft 12 Speed Limit, mi/h 65 Demand and Capacity Directional Demand Flow Rate, veh/h 176 Peak Hour Factor 0.84 Segment Capacity, veh/h 1700 Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0		Date		9/9/2020
Project Description US 380 Phas Study - Sect Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length? No No No No No No No No No N		Analysis Year		2019
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient In Passing Lane Effective Length? No Selmproved % Followers Passing Zon 12 0.84 176 0.84 1700 170		Time Period Analy	zed	Design Hourly Volume
Segment Type Passing Zon Lane Width, ft 12 Speed Limit, mi/h 65 Demand and Capacity Directional Demand Flow Rate, veh/h 176 Peak Hour Factor 0.84 Segment Capacity, veh/h 1700 Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0	se A/B Corridor ion 1-5	Unit		United States Customary
Segment Type Passing Zon Lane Width, ft 12 Speed Limit, mi/h 65 Demand and Capacity Directional Demand Flow Rate, veh/h 176 Peak Hour Factor 0.84 Segment Capacity, veh/h 1700 Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0	Segn	ment 1		
Lane Width, ft 12 Speed Limit, mi/h 65 Demand and Capacity Directional Demand Flow Rate, veh/h 176 Peak Hour Factor 0.84 Segment Capacity, veh/h 1700 Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0				
Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length? No No No No No No No No No N	e	Length, ft		2106
Demand and Capacity Directional Demand Flow Rate, veh/h 176 Peak Hour Factor 0.84 Segment Capacity, veh/h 1700 Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0		Shoulder Width, ft		6
Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length? No No No No No No No No No N		Access Point Dens	ity, pts/mi	3.1
Peak Hour Factor 0.84 Segment Capacity, veh/h 1700 Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0				
Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length? No No No No No No		Opposing Demand	d Flow Rate, veh/h	157
Intermediate Results Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0		Total Trucks, %		7.00
Segment Vertical Class 1 Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0	1700		(D/C)	0.10
Speed Slope Coefficient 4.21191 PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0				
PF Slope Coefficient -1.17167 In Passing Lane Effective Length? No %Improved % Followers 0.0		Free-Flow Speed,	mi/h	73.1
In Passing Lane Effective Length? No %Improved % Followers 0.0		Speed Power Coef	ficient	0.55232
%Improved % Followers 0.0		PF Power Coefficie	ent	0.83341
·		Total Segment De	nsity, veh/mi/ln	0.6
		% Improved Avg S	peed	0.0
Subsegment Data				
# Segment Type Length, ft	Rac	dius, 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				
	Segn	ment 2		
Vehicle Inputs				
Segment Type Passing Con	strained	Length, ft		503
Lane Width, ft 12		Shoulder Width, ft		6
Speed Limit, mi/h 65		Access Point Dens		3.1
Demand and Capacity				•
Directional Demand Flow Rate, veh/h 176		Opposing Demand	d Flow Rate veh/h	T-

Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700	1700		(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.47030		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25814		PF Power Coefficie	ent	0.76527
In Pa	assing Lane Effective Length?	? No		Total Segment De	nsity, veh/mi/ln	0.7
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	503	503 -		-	71.6
Vel	nicle Results	•			•	
Avei	rage Speed, mi/h	71.6		Percent Followers,	, %	28.3
Segi	ment Travel Time, minutes	0.08		Follower Density,	followers/mi/ln	0.7
Vehi	cle LOS	А		İ		
			Segn	nent 3		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		1970
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
De	mand and Capacity					·
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Demand Flow Rate, veh/h		157
Peak	K Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.20977		Speed Power Coe	fficient	0.55232
PF S	lope Coefficient	-1.17627		PF Power Coefficie	ent	0.83128
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1970	-		-	72.1
Vel	nicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers	, %	24.3
	ment Travel Time, minutes	0.31		Follower Density,		0.6
	cle LOS	А				

			Segr	nent 4		
Veł	nicle Inputs					
Segr	ment Type	Passing Const	rained	Length, ft		590
Lane	Width, ft 12		Shoulder Width, f	t	6	
Spee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Deman	d Flow Rate, veh/h	-
Peak Hour Factor 0.84		Total Trucks, %		7.00		
Segment Capacity, veh/h 1700		Demand/Capacity	/ (D/C)	0.10		
Into	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spee	ed Slope Coefficient	4.46990		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25823		PF Power Coefficie	ent	0.76525
In Passing Lane Effective Length?		No		Total Segment De	nsity, veh/mi/ln	0.7
%Improved % Followers		0.0		% Improved Avg	Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	590	-		-	71.6
Veł	nicle Results		·			
Aver	rage Speed, mi/h	71.6		Percent Followers	, %	28.3
Segr	ment Travel Time, minutes	0.09		Follower Density, followers/mi/ln		0.7
Vehi	cle LOS	А				
			Segr	ment 5		
Veł	nicle Inputs					
Sear	ment Type	Passing Zone		Length, ft		2472
	e Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Dens		3.1
Dei	mand and Capacity	1				,
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Deman	d Flow Rate, veh/h	157
	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.10
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ed Slope Coefficient	4.21733		Speed Power Coe		0.55232
_	lope Coefficient	-1.16084		PF Power Coeffici	ent	0.83830
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0

Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2472	-		-	72.1
Vel	nicle Results					·
Aver	age Speed, mi/h	72.1		Percent Follov	vers, %	23.7
Segr	nent Travel Time, minutes	0.39		Follower Dens	sity, followers/mi/ln	0.6
Vehi	cle LOS	А				
			Segr	nent 6		
Vel	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		568
Lane Width, ft		12		Shoulder Width, ft 6 Access Point Density, pts/mi 3.		6
Speed Limit, mi/h		65		Access Point [Density, pts/mi	3.1
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Der	mand Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, 9	6	7.00
Segment Capacity, veh/h		1700		Demand/Capa	acity (D/C)	0.10
Int	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Spe	eed, mi/h	73.1
Spe	ed Slope Coefficient	4.46990		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25823		PF Power Coefficient		0.76525
In Pa	ssing Lane Effective Length?	No		Total Segmen	t Density, veh/mi/ln	0.7
%lm	proved % Followers	0.0		% Improved A	Avg Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	473	-		-	71.6
2	Horizontal Curve	95	580	04	4	71.6
Vel	nicle Results					
Aver	age Speed, mi/h	71.6		Percent Follov	vers, %	28.3
Segr	ment Travel Time, minutes	0.09		Follower Dens	sity, followers/mi/ln	0.7
Vehi	cle LOS	А				
			Segr	ment 7		
Vel	nicle Inputs					
Com	ment Type	Passing Zone		Length, ft		2814
segi	Lane Width, ft 12			Shoulder Wid	th, ft	6
	width, it			Access Point Density, pts/mi 3.1		

Dire	ctional Demand Flow Rate, veh/h	176		Opposing Demand Flow Rate, veh/h		157
	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	Demand/Capacity (D/C) 0.10	
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.22204		Speed Power Coe	fficient	0.55232
PF Slope Coefficient In Passing Lane Effective Length?		-1.15242		PF Power Coefficie	ent	0.84193
		No		Total Segment De	nsity, veh/mi/ln	0.6
%Improved % Followers		0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	1575	580)4	4	72.1
2	Tangent	1239	-		-	72.1
Vel	nicle Results					
Aver	rage Speed, mi/h	72.1		Percent Followers,	. %	23.4
Segment Travel Time, minutes		0.44		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	А				
			Segn	nent 8		·
Vel	nicle Inputs					
Segi	ment Type	Passing Constrai	ned	Length, ft		1335
Lane	e Width, ft	12		Shoulder Width, f	Shoulder Width, ft 6	
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi 3.1		3.1
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					·
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.47019		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25740		PF Power Coefficie	ent	0.76561
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.7
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1335	-		-	71.6
Vel	nicle Results					
Aver	rage Speed, mi/h	71.6		Percent Followers,	%	28.3
	- 9			1 22.22.21	-	

Segr	nent Travel Time, minutes	0.21		Follower Density,	followers/mi/ln	0.7
Vehi	cle LOS	А				
			Segn	nent 9		
Veł	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		8021
Lane	Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h 65			Access Point Dens	sity, pts/mi	3.1	
Dei	mand and Capacity					
Directional Demand Flow Rate, veh/h		176		Opposing Deman	d Flow Rate, veh/h	157
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	' (D/C)	0.10
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spee	ed Slope Coefficient	4.27374	1.27374 Sp		fficient	0.55232
PF S	lope Coefficient	-1.11641	-1.11641		ent	0.84128
In Passing Lane Effective Length?		No		Total Segment De	nsity, veh/mi/ln	0.6
%Improved % Followers		0.0		% Improved Avg	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	45	-		-	72.1
2	Horizontal Curve	1850	572	21	4	72.1
3	Tangent	6126	-		-	72.1
Veł	nicle Results					
Aver	age Speed, mi/h	72.1		Percent Followers	, %	22.8
Segr	nent Travel Time, minutes	1.26		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	А				
			Segm	ent 10		
	nicle Inputs					
Vel	incie iriputs	-		Length, ft 6248		
	nent Type	Passing Constraine	ed	Length, ft		6248
Segr	•	Passing Constraine	ed	Length, ft Shoulder Width, f	t	6248
Segr	nent Type		ed	_		
Segr Lane Spee	ment Type Width, ft	12	ed	Shoulder Width, f		6
Segr Lane Spee	ment Type Width, ft ed Limit, mi/h	12	ed	Shoulder Width, f Access Point Dens		6
Segr Lane Spee Der	ment Type Width, ft d Limit, mi/h mand and Capacity	12 65	ed	Shoulder Width, f Access Point Dens	sity, pts/mi	6 3.1
Segr Lane Spee Der Direc	ment Type Width, ft d Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h	12 65 176	ed	Shoulder Width, f Access Point Dens Opposing Deman	d Flow Rate, veh/h	6 3.1
Segr Lane Spee Der Direc Peak Segr	ment Type Width, ft d Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h Hour Factor	12 65 176 0.84	ed	Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, %	d Flow Rate, veh/h	6 3.1 - 7.00
Segr Lane Spee Der Direc Peak Segr	ment Type Width, ft d Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h Hour Factor ment Capacity, veh/h	12 65 176 0.84	ed	Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, %	d Flow Rate, veh/h	6 3.1 - 7.00

Speed Slope Coefficient	4.53038	4.53038		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	Rac	dius, ft	Superelevation, %	Average Speed, mi/h	
1 Tangent	6248	-		-	71.5	
Vehicle Results						
Average Speed, mi/h	71.5		Percent Follo	Percent Followers, % 25.5		
Segment Travel Time, minutes 0.99			Follower Den	sity, followers/mi/ln	0.6	
Vehicle LOS	А					
		Segm	ent 11			
Vehicle Inputs						
Segment Type	Passing Zone	Passing Zone			5500	
Lane Width, ft	12	-		Ith, ft	6	
Speed Limit, mi/h	65	65		Density, pts/mi	3.1	
Demand and Capacity			1			
Directional Demand Flow Rate, veh/h	176	176		emand Flow Rate, veh/h	157	
Peak Hour Factor	0.84		Total Trucks, ^o	%	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 Segmer	nt Density, veh/mi/ln	0.6	
%Improved % Followers	0.0		% Improved	Avg Speed	0.0	
Subsegment Data						
# Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h	
1 Tangent	5500	-		-	67.7	
Vehicle Results						
Average Speed, mi/h	67.7		Percent Follo	wers, %	23.5	
Segment Travel Time, minutes	0.92		Follower Den	sity, followers/mi/ln	0.6	
Vehicle LOS	А					
		Segm	ent 12			
Vehicle Inputs						
Segment Type	Passing Constrain	ined	Length, ft		198	
	- i	-		dth, ft	6	

Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	0.0	
De	emand and Capacity						
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Deman	d Flow Rate, veh/h	-	
Pea	k Hour Factor	0.84		Total Trucks, %		7.00	
Seg	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.10	
Int	termediate Results					·	
Seg	ment Vertical Class	2		Free-Flow Speed,	mi/h	72.9	
Spe	ed Slope Coefficient	5.60589		Speed Power Coe	fficient	0.52584	
PF S	Slope Coefficient	-1.36614	-1.36614 F		ent	0.74840	
In Passing Lane Effective Length?		Total Segment De	nsity, veh/mi/ln	0.8			
%Improved % Followers 0.0		% Improved Avg S	Speed	0.0			
Su	bsegment Data						
#	Segment Type	Length, ft Radi		dius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	198	-		-	71.4	
Ve	hicle Results						
Ave	erage Speed, mi/h	mi/h 71.4		Percent Followers, %		31.1	
Seg	ment Travel Time, minutes	0.03		Follower Density,	followers/mi/ln	0.8	
Veh	icle LOS	Α				0.8	
			Segm	nent 13			
Ve	hicle Inputs						
Seg	ment Type	Passing Zone		Length, ft		4360	
Lan	e Width, ft	12		Shoulder Width, ft		6	
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.1	
De	emand and Capacity						
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Demand Flow Rate, veh/h		157	
Pea	k Hour Factor	0.84		Total Trucks, %		7.00	
Seg	ment Capacity, veh/h	1700		Demand/Capacity	r (D/C)	0.10	
Int	termediate Results						
Seg	ment Vertical Class	1		Free-Flow Speed, mi/h		73.1	
Spe	ed Slope Coefficient	4.24043		Speed Power Coe	fficient	0.55232	
PF S	Slope Coefficient	-1.12803		PF Power Coefficie	ent	0.85039	
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6	
%ln	nproved % Followers	0.0		% Improved Avg S	Speed	0.0	
Su	bsegment Data						
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h	
	Tangent	2429	-		-	72.1	
1	langent	1345 5799					

3	Tangent	586	-		-	72.1
Vel	hicle Results					
Ave	rage Speed, mi/h	72.1		Percent Followers,	%	22.7
Seg	ment Travel Time, minutes	0.69		Follower Density, followers/mi/ln		0.6
Veh	icle LOS	А				
		Se	gm	ent 14		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrained		Length, ft		997
Lane	e Width, ft	12		Shoulder Width, ft	:	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					·
Directional Demand Flow Rate, veh/h 176		Opposing Demand	d Flow Rate, veh/h	Ī-		
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h 1700		Demand/Capacity	(D/C)	0.10		
Int	ermediate Results					
Segment Vertical Class 2				Free-Flow Speed, mi/h		72.1
Spe	ed Slope Coefficient	5.49234		Speed Power Coef	ficient	0.52121
PF S	Slope Coefficient	-1.37446		PF Power Coefficie	ent	0.74695
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.8
%lm	nproved % Followers	0.0		% Improved Avg S	peed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	997	-	-		70.6
Vel	hicle Results					
Ave	rage Speed, mi/h	70.6		Percent Followers,	%	31.3
Seg	ment Travel Time, minutes	0.16		Follower Density, 1	followers/mi/ln	0.8
Veh	icle LOS	А				
		Se	gm	ent 15		·
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		858
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Demand	d Flow Rate, veh/h	157
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Sea	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10

	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.19846		Speed Power Coef	fficient	0.55232
PF S	Slope Coefficient	-1.20426		PF Power Coefficie	ent	0.81803
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data			·		
#	Segment Type	Length, ft	R	adius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	858	-		-	72.1
Vel	hicle Results					
Ave	rage Speed, mi/h	72.1		Percent Followers,	%	25.2
Segment Travel Time, minutes 0.		0.14		Follower Density,	followers/mi/ln	0.6
Vehicle LOS A		А				
		•	Segr	ment 16		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		2993
Lane	e Width, ft	12		Shoulder Width, ft	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity	•				
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Demand	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Seg	ment Vertical Class	2		Free-Flow Speed, mi/h		72.0
Spe	ed Slope Coefficient	6.45303		Speed Power Coef	fficient	0.52744
DE S	Slope Coefficient	-1.28110		PF Power Coefficie	ent	0.76813
113		No		Total Segment De	nsity, veh/mi/ln	0.7
	assing Lane Effective Length?			% Improved Avg S	Speed	0.0
In Pa	assing Lane Effective Length? proved % Followers	0.0				
In Pa		0.0				
In Pa	nproved % Followers	0.0 Length, ft	R	adius, ft	Superelevation, %	Average Speed, mi/h
In Pa	bsegment Data		R.	adius, ft	Superelevation, %	Average Speed, mi/h 70.4
Sul #	bsegment Data Segment Type	Length, ft	R.	adius, ft	Superelevation, %	
Sul # 1	bsegment Data Segment Type Tangent	Length, ft	R	adius, ft Percent Followers,	-	
Sul # 1 Vel	bsegment Data Segment Type Tangent hicle Results	Length, ft 2993	R.		%	70.4

Vel	nicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		15728
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					·
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peak Hour Factor 0.84		Total Trucks, %		7.00		
Seg	ment Capacity, veh/h	1700		Demand/Capacity	' (D/C)	0.07
Int	ermediate Results					·
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.4
_		4.28917		Speed Power Coe	fficient	0.57111
PF S	lope Coefficient	-1.11159		PF Power Coeffici	ent	0.82883
In Passing Lane Effective Length?		No		Total Segment De	nsity, veh/mi/ln	0.3
%Improved % Followers		0.0		% Improved Avg	Speed	0.0
Sul	bsegment Data					•
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9261	-		-	73.0
2	Horizontal Curve	733	233	 342	0	73.0
3	Tangent	5734	-		-	73.0
Vel	nicle Results					
Ave	rage Speed, mi/h	73.0		Percent Followers	, %	17.6
Seg	ment Travel Time, minutes	2.45		Follower Density, followers/mi/ln		0.3
Vehi	cle LOS	А				
			Segn	nent 18		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrain	ned	Length, ft		524
	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					·
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	T-
Peal	· Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.4
Spe	ed Slope Coefficient	4.48927		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25414		PF Power Coeffici	ent	0.76606
	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	524	-		-	72.5
Veł	nicle Results					
Average Speed, mi/h 72.5		72.5		Percent Followers	, %	22.1
Segment Travel Time, minutes		0.08		Follower Density,	followers/mi/ln	0.4
Vehicle LOS		А				
			Segm	nent 19		
Veł	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		16047
Lane Width, ft 12		Shoulder Width, f	t	6		
Spe	ed Limit, mi/h	65	65		sity, pts/mi	1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h 121		Opposing Demand Flow Rate, veh/h		107	
Peak	Hour Factor	0.84	0.84			7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	ed Slope Coefficient	4.28985		Speed Power Coefficient		0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficient		0.82887
In Pa	assing Lane Effective Length?	No	Total Segment D		ensity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16047	-		-	73.0
Veł	nicle Results					
Aver	rage Speed, mi/h	73.0		Percent Followers	, %	17.6
Segr	ment Travel Time, minutes	2.50		Follower Density,	followers/mi/ln	0.3
Vehi	cle LOS	Α				
		1	Segn	nent 20		•
	nicle Inputs					
Vel		Passing Constrain	ned	Length, ft		790
	ment Type			-		
Segr	ment Type • Width, ft	12		Shoulder Width, f	t	6

Directional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	 -
Peak Hour Factor	0.84		Total Trucks, %	a now nate, venin	7.00
Segment Capacity, veh/h	1700		Demand/Capacity	, (D/C)	0.07
Intermediate Results	1700		Demand, capacity		3.07
Segment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	<u> </u>		Speed Power Coe		0.41674
Speed Slope Coefficient	4.48995				
PF Slope Coefficient			PF Power Coefficie		0.76609
In Passing Lane Effective Length?	No		Total Segment De		0.4
%Improved % Followers	0.0		% Improved Avg S	speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Ra	dius, 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	А				
		Segn	nent 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 Dens	sity, 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 Coe	fficient	0.57111
PF Slope Coefficient	-1.10987		PF Power Coefficie	ent	0.85745
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	4534	-		-	73.0
Vehicle Results					
Average Speed, mi/h	73.0		Percent Followers	, %	16.6
Average Speed, mi/h 73.0		Follower Density, followers/mi/ln			

Vehi	icle LOS	A				
		S	egn	nent 22		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		1415
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	-
Peak	K Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Segment Vertical Class 1			Free-Flow Speed,	mi/h	73.5	
Speed Slope Coefficient 4.49177			Speed Power Coe	fficient	0.41674	
PF Slope Coefficient -1.24893		-1.24893		PF Power Coefficie	ent	0.76828
In Passing Lane Effective Length?		Total Segment De	nsity, veh/mi/ln	0.4		
%Improved % Followers 0.0		% Improved Avg S	Speed	0.0		
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	ius, ft Superelevation, %		Average Speed, mi/h
1	Tangent	1415	-		-	72.5
Vel	hicle Results					
Ave	rage Speed, mi/h	72.5		Percent Followers, %		21.9
Segi	ment Travel Time, minutes	0.22		Follower Density, followers/mi/ln		0.4
Vehi	icle LOS	А				
		S	egn	nent 23		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		5706
Lane	e Width, ft	12		Shoulder Width, fr	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.25130		Speed Power Coe	fficient	0.57111
PF S	lope Coefficient	-1.10208		PF Power Coefficie	ent	0.85738
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5706	-		-	73.0
Veł	nicle 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		А				
			Segn	nent 24		
Vel	nicle Inputs					
Segr	nent Type	Passing Constrair	ned	Length, ft		750
Lane	Width, ft	12		Shoulder Width, f	t	6
Spee	d Limit, mi/h	65	65		sity, pts/mi	1.7
Dei	nand and Capacity					
Dire	ectional Demand Flow Rate, veh/h 121		Opposing Deman	d Flow Rate, veh/h	-	
Peak	Hour Factor	0.84	0.84			7.00
Segr	nent Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.07
Into	ermediate Results					
Segr	nent Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	d Slope Coefficient	4.48995		Speed Power Coefficient		0.41674
PF S	ope Coefficient	-1.25400		PF Power Coefficient		0.76609
In Pa	ssing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.4
%lm	proved % Followers	0.0	0.0 % Improved Avg S		Speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	750	-		-	72.5
Vel	nicle Results					
Aver	age Speed, mi/h	72.5		Percent Followers	, %	22.1
Segr	nent Travel Time, minutes	0.12		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	А				
		•	Segn	nent 25		
Vel	nicle Inputs					
	nent Type	Passing Zone		Length, ft		2257
	- '		-			
Segr	Width, ft	12		Shoulder Width, f	t	6

Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peak	K Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Segment Vertical Class		1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.21160		Speed Power Coe	fficient	0.57111
PF S	lope Coefficient	-1.14985		PF Power Coefficie	ent	0.84186
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
# Segment Type		Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1498	-		-	73.0
2	Horizontal Curve	759	114	400	3	73.0
Vel	hicle Results		•			
Aver	rage Speed, mi/h	73.0		Percent Followers,	%	17.7
Segment Travel Time, minutes		0.35			followers/mi/ln	0.3
Vehi	icle LOS	А				
			Segn	nent 26		·
Vel	hicle Inputs					
Segi	ment Type	Passing Constrai	onstrained Length, ft			796
Lane	e Width, ft	12	12		i .	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					·
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Demand Flow Rate, veh/h		-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results	•				·
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	796	114	400	3	72.5
Vel	hicle Results					
Aver	rage Speed, mi/h	72.5		Percent Followers,	%	22.1
				1	-	

Segi	ment Travel Time, minutes	0.12		Follower Density,	followers/mi/ln	0.4
Vehi	icle LOS	А				
		Se	gm	ent 27		
Vel	hicle Inputs					
Segment Type		Passing Zone		Length, ft		2922
Lane	e Width, ft	12		Shoulder Width, ft	i .	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peak Hour Factor		0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.22088		Speed Power Coef	fficient	0.57111
PF S	lope Coefficient	-1.13322		PF Power Coefficie	ent	0.84939
In Passing Lane Effective Length?		No		Total Segment Density, veh/mi/ln		0.3
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data			<u> </u>		
#	Segment Type	Length, ft	Rac	lius, ft Superelevation, %		Average Speed, mi/h
1	Horizontal Curve	398	114	3		73.0
2	Tangent	2524	-	-		73.0
Vel	hicle Results					·
Avei	rage Speed, mi/h	73.0		Percent Followers, %		17.2
Segi	ment Travel Time, minutes	0.45		Follower Density, followers/mi/ln		0.3
Vehi	icle LOS	А				
		Se	gm	nent 28		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		859
_	e Width, ft	12		Shoulder Width, ft	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity			<u> </u>		
	ctional Demand Flow Rate, veh/h	121		Opposing Demand	d Flow Rate, veh/h	-
	K Hour Factor	0.84		Total Trucks, %	,,	7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
	ermediate Results					
1110						
	ment Vertical Class	1		Free-Flow Speed, mi/h Speed Power Coefficient		73.5

PF Slope Coefficient -1.25400		-1.25400		PF Power Coefficient		0.76609
In Pa	assing Lane Effective Length?	No		Total Segment	t Density, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved A	vg Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	859	-		-	72.5
Vel	hicle Results					
Average Speed, mi/h		72.5		Percent Follov	vers, %	22.1
Segment Travel Time, minutes		0.13		Follower Dens	sity, followers/mi/ln	0.4
Vehi	icle LOS	А				
			Segn	nent 29		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		30733
Lane	e Width, ft	12		Shoulder Wid	th, ft	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Der	mand Flow Rate, veh/h	107
Peak	c Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capa	acity (D/C)	0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Spe	eed, mi/h	73.5
Spe	ed Slope Coefficient	4.28985		Speed Power Coefficient		0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficient		0.82887
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.3
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30733	-		-	73.0
Vel	hicle Results					
Avei	rage Speed, mi/h	73.0		Percent Follov	vers, %	17.6
Segi	ment Travel Time, minutes	4.79		Follower Dens	sity, followers/mi/ln	0.3
Vehi	icle LOS	А				
			Segn	nent 30		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrai	ned	Length, ft		624
Lane	e Width, ft	12		Shoulder Wid	th, ft	6
C	ed Limit, mi/h	65		Access Point [Density, pts/mi	1.7

Demand and Capacity					
Directional Demand Flow Rate, veh,	/h 121		Opposing Demand	d 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	4.48995		fficient	0.41674
PF Slope Coefficient	-1.25400	-1.25400		ent	0.76609
In Passing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.4
%Improved % Followers	0.0	0.0		peed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	624	624 -		-	72.5
Vehicle Results					
Average Speed, mi/h	ge Speed, mi/h 72.5		Percent Followers,	%	22.1
Segment Travel Time, minutes	Segment Travel Time, minutes 0.10		Follower Density,	followers/mi/ln	0.4
Vehicle LOS	А				
	<u> </u>	Segm	ent 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 Coef	fficient	0.57111
PF Slope Coefficient	-1.11124		PF Power Coefficie	ent	0.82923
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	10519	-		-	73.0
Vehicle Results					
	73.0		Percent Followers, % 17.6		

Segi	ment Travel Time, minutes	1.64		Follower Density,	followers/mi/ln	0.3
Vehi	cle LOS	А				
		9	Segm	ent 32		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrained	l	Length, ft		1055
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Directional Demand Flow Rate, veh/h		121		Opposing Deman	d Flow Rate, veh/h	-
Peak Hour Factor		0.84		Total Trucks, %		7.00
Segment Capacity, veh/h		1700		Demand/Capacity	' (D/C)	0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Speed Slope Coefficient		4.48995		Speed Power Coe	Speed Power Coefficient	
PF Slope Coefficient		-1.25400	-1.25400		ent	0.76609
In Passing Lane Effective Length?		No		Total Segment De	nsity, veh/mi/ln	0.4
%Improved % Followers		0.0		% Improved Avg Speed		0.0
Sul	osegment Data					•
#	Segment Type	Length, ft	Rac	dius, ft Superelevation, %		Average Speed, mi/h
1	Tangent	1037	T-	-		72.5
2	Horizontal Curve	18	739	925	0	72.5
Vel	nicle Results					
Aver	rage Speed, mi/h	72.5	72.5 Percent Follo		, %	22.1
Segi	ment Travel Time, minutes	0.17		Follower Density, followers/mi/ln		0.4
Vehi	cle LOS	А				
		9	Segm	ent 33		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		10005
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
	c Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	' (D/C)	0.07
	ermediate Results					
Sagi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Segment Vertical Class		4.28597		Free-Flow Speed, mi/h Speed Power Coefficient		

DE C	ope Coefficient -1.10810		PF Power Coefficient		0.83368	
	<u> </u>	No				0.3
	assing Lane Effective Length?			Total Segment Density, veh/mi/ln % Improved Avg Speed		
	proved % Followers	0.0		% improved Avg	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	ius, ft Superelevation, %		Average Speed, mi/h
1	Horizontal Curve	674	674 7392		0	73.0
2	Tangent	9331	-		-	73.0
Vel	hicle Results					
Avei	rage Speed, mi/h	73.0		Percent Followers	5, %	17.4
Segi	ment Travel Time, minutes	1.56		Follower Density,	followers/mi/ln	0.3
Vehi	icle LOS	А				
			Segm	nent 34		
Vel	hicle Inputs					
Segment Type Passing Constrained		Length, ft		795		
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Demar	nd Flow Rate, veh/h	-
Peak	k Hour Factor	0.84	0.84			7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficient		0.76609
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	795	-		-	72.5
Vel	hicle Results					
Avei	rage Speed, mi/h	72.5		Percent Followers	5, %	22.1
Segi	ment Travel Time, minutes	0.12		Follower Density,	followers/mi/ln	0.4
Vehi	icle LOS	А				
			Segm	nent 35		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		4306
Lane	e Width, ft	12		Shoulder Width,	ft	6

Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	121		Opposing Deman	d 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 Coe	fficient	0.57111
PF Slope Coefficient -1.11213		PF Power Coefficie	ent	0.85697	
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%Improved % Followers 0.0			% Improved Avg S	Speed	0.0
Subsegment Data					·
# Segment Type Length, ft Radi		dius, ft	Superelevation, %	Average Speed, mi/h	
1 Tangent	4306 -			-	73.0
Vehicle Results				•	
Average Speed, mi/h	73.0	73.0		, %	16.7
Segment Travel Time, minutes	0.67		Follower Density, followers/mi/ln		0.3
Vehicle LOS	A				
		Segn	nent 36		
Vehicle Inputs		Segn	nent 36		
•	Passing Constra		nent 36		814
Vehicle Inputs Segment Type Lane Width, ft	Passing Constra			t	814
Segment Type			Length, ft		+
Segment Type Lane Width, ft	12		Length, ft Shoulder Width, f		6
Segment Type Lane Width, ft Speed Limit, mi/h	12		Length, ft Shoulder Width, f Access Point Dens		6
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity	12 65		Length, ft Shoulder Width, f Access Point Dens	sity, pts/mi	1.7
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h	12 65 121		Length, ft Shoulder Width, f Access Point Dens Opposing Deman	d Flow Rate, veh/h	6 1.7
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor	12 65 121 0.84		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, %	d Flow Rate, veh/h	6 1.7 - 7.00
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results	12 65 121 0.84		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, %	d Flow Rate, veh/h	6 1.7 - 7.00
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h	12 65 121 0.84 1700		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity	d Flow Rate, veh/h (D/C)	- 7.00 0.07
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class	12 65 121 0.84 1700		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed,	d Flow Rate, veh/h (D/C) mi/h fficient	6 1.7 - 7.00 0.07
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient	12 65 121 0.84 1700 1 4.48995		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe	d Flow Rate, veh/h (D/C) mi/h fficient	73.5 0.41674
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient	12 65 121 0.84 1700 1 4.48995 -1.25400		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe PF Power Coefficie	d Flow Rate, veh/h (D/C) mi/h fficient ent nsity, veh/mi/ln	73.5 0.41674 0.76609
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length?	12 65 121 0.84 1700 1 4.48995 -1.25400 No		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe PF Power Coefficient Total Segment De	d Flow Rate, veh/h (D/C) mi/h fficient ent nsity, veh/mi/ln	73.5 0.41674 0.76609 0.4
Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length? %Improved % Followers	12 65 121 0.84 1700 1 4.48995 -1.25400 No	ined	Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe PF Power Coefficient Total Segment De	d Flow Rate, veh/h (D/C) mi/h fficient ent nsity, veh/mi/ln	73.5 0.41674 0.76609 0.4

Average Speed, mi/h	72.5		Percent Followers,	%	22.1
Segment Travel Time, minutes	0.13		Follower Density, f	followers/mi/ln	0.4
Vehicle LOS	А				
		Segm	ent 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 Dens	ity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	121		Opposing Demand	d 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, 1	mi/h	73.5
Speed Slope Coefficient	4.28985		Speed Power Coefficient		0.57111
PF Slope Coefficient	-1.11150	-1.11150		ent	0.82887
In Passing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.3
%Improved % Followers	0.0	0.0		peed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	16580	-		-	73.0
2 Horizontal Curve	222	404	179	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	А				
		Segm	ent 38		
Vehicle Inputs					
Segment Type	Passing Constrai	ined	Length, ft		1173
Lane Width, ft	12		Shoulder Width, ft	;	6
Speed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
Demand and Capacity					
	121		Opposing Demand	d Flow Rate, veh/h	-
Directional Demand Flow Rate, veh/h			Opposing Demand Flow Rate, veh/h		
Directional Demand Flow Rate, veh/h Peak Hour Factor	0.84		Total Trucks, %		7.00
			Total Trucks, % Demand/Capacity	(D/C)	7.00

		1.		T		T
			Free-Flow Speed, mi/h		73.5	
	ed Slope Coefficient	4.48995		Speed Power Coefficient		0.41674
	lope Coefficient			PF Power Coefficie		0.76609
	ssing Lane Effective Length?	No		Total Segment De		0.4
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1173	-		-	72.5
Veł	nicle Results					
Aver	age Speed, mi/h	72.5		Percent Followers,	%	22.1
Segr	ment Travel Time, minutes	0.18		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	А				
		Se	gm	ent 39		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		15124
Lane	Width, ft	12		Shoulder Width, ft		6
Spee	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
Dei	mand and Capacity					<u>'</u>
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Demand Flow Rate, veh/h		107
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	nent Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	ed Slope Coefficient	4.28985		Speed Power Coefficient		0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficient		0.82887
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.3
%lm	proved % Followers	0.0		% Improved Avg Speed 0.0		
Suk	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	15124	-		-	73.0
Veł	nicle Results					
Aver	age Speed, mi/h	73.0		Percent Followers,	%	17.6
Segr	ment Travel Time, minutes	2.36		Follower Density,	followers/mi/ln	0.3
Vehi	cle LOS	А				
		Se	gm	ent 40		
Veł	nicle Inputs					
	ment Type	Passing Constrained		Length, ft		2669

Lan	e Width, ft	12		Shoulder Width, t	ft	6
Spe	eed Limit, mi/h	65		Access Point Den	sity, pts/mi	1.7
De	emand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	121		Opposing Demar	nd Flow Rate, veh/h	-
Pea	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	y (D/C)	0.07
Int	termediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.51166		Speed Power Coe	efficient	0.41674
PF S	Slope Coefficient	-1.20352		PF Power Coeffici	ent	0.78720
In Passing Lane Effective Length?		No		Total Segment De	ensity, veh/mi/ln	0.3
%Improved % Followers		0.0		% Improved Avg	Speed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	916	-		-	72.5
2	Horizontal Curve	838	560	00	4	72.5
3	Tangent	916 -		-		72.5
Ve	hicle Results					
Ave	erage Speed, mi/h	72.5		Percent Followers	5, %	20.5
Seg	ment Travel Time, minutes	0.42		Follower Density, followers/mi/ln		0.3
Veh	nicle LOS	А				
			Segn	nent 41		
Ve	hicle Inputs					
Seg	 Iment Type	Passing Zone		Length, ft		16590
Lan	e Width, ft	12		Shoulder Width, f	ft	6
Spe	eed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	emand and Capacity	<u>'</u>				
Dire	ectional Demand Flow Rate, veh/h	121		Opposing Demar	nd Flow Rate, veh/h	107
Pea	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	y (D/C)	0.07
Int	termediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	eed Slope Coefficient	4.28985		Speed Power Coe	efficient	0.57111
PF S	Slope Coefficient	-1.11150		PF Power Coeffici	ent	0.82887
In P	Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.3
%In	nproved % Followers	0.0		% Improved Avg	Speed	0.0
_	bsegment Data					

#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16590	-		-	73.0
Vel	nicle Results					
Aver	age Speed, mi/h	73.0		Percent Followe	rs, %	17.6
Segr	ment Travel Time, minutes	2.58	2.58		y, followers/mi/ln	0.3
Vehi	cle LOS	A				
			Segm	nent 42		·
Vel	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		1832
Lane	Width, ft	12		Shoulder Width	, ft	6
Spe	ed Limit, mi/h	65		Access Point De	nsity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Dema	and Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					,
Segment Vertical Class 2		Free-Flow Speed	d, mi/h	72.4		
Spe	ed Slope Coefficient	5.89289		Speed Power Co	pefficient	0.52530
PF S	lope Coefficient	-1.33157		PF Power Coefficient		0.75638
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1751	-		-	71.7
2	Horizontal Curve	81	658	3 5		71.7
Vel	nicle Results		·			
Aver	age Speed, mi/h	71.7		Percent Followe	rs, %	23.7
Segr	ment Travel Time, minutes	0.29		Follower Density, followers/mi/ln		0.4
Vehi	cle LOS	А				
			Segm	nent 43		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		2737
Lane	Width, ft	12		Shoulder Width	, ft	6
Spe	ed Limit, mi/h	65		Access Point De	nsity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Dema	and Flow Rate, veh/h	95
	Hour Factor	0.84		Total Trucks, %		7.00

Segment Capacity, veh/h 1700		Demand/Capacity (D/C)		0.10		
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.0
Spe	ed Slope Coefficient	4.18586		Speed Power Coe	fficient	0.57640
PF S	lope Coefficient	-1.13674		PF Power Coefficie	ent	0.84783
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft Radio		dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1641	-		-	72.1
2	Horizontal Curve	1096 6250		50	4	72.1
Vel	nicle 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		А				
			Segm	ent 44		
Vel	nicle Inputs					
Segi	Segment Type Passing Constrained		Length, ft		1334	
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity					•
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46380		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25879		PF Power Coefficient		0.76532
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	23	300	00	0	71.5
2	Tangent	1311	-		-	71.5
Vel	nicle Results					
	rage Speed, mi/h	71.5		Percent Followers	, %	27.5
Average Speed, mi/h 71.5		Percent Followers, % Follower Density, followers/mi/ln				

Vehi	icle LOS	А				
		S	egn	nent 45		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		25423
Lane	e Width, ft	12	12		t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	95
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Speed Slope Coefficient 4.25783		Speed Power Coe	fficient	0.57640		
PF Slope Coefficient -1.11089		PF Power Coefficie	ent	0.82911		
In Passing Lane Effective Length? No		Total Segment Density, veh/mi/ln		0.5		
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25423	-		-	72.1
Vel	hicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers,	. %	22.4
Segi	ment Travel Time, minutes	4.01		Follower Density,	followers/mi/ln	0.5
Vehi	icle LOS	А				
		S	egm	nent 46		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		541
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	Slope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	541	-		-	71.5
Veł	nicle Results					
Aver	age 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						
			Segn	nent 47		
Veł	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		11758
Lane	Width, ft	12		Shoulder Width, ft	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Demand Flow Rate, veh/h		95
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700	1700		(D/C)	0.10
Into	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spee	ed Slope Coefficient	4.25783		Speed Power Coef	fficient	0.57640
PF S	lope Coefficient	-1.11089		PF Power Coefficient		0.82911
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11758	-		-	72.1
Veł	nicle Results					
Aver	age Speed, mi/h	72.1		Percent Followers,	%	22.4
Segr	ment Travel Time, minutes	1.85		Follower Density,	followers/mi/ln	0.5
Vehi	cle LOS	А				
			Segn	nent 48		
Vel	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		572
		12		Shoulder Width, ft	t	6
Lane	Speed Limit, mi/h 65		Access Point Density, pts/mi			

Directional Demand Flow Rate, veh/h	168		Opposing Damas	d Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %	u now rate, ven/n	7.00
Segment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Intermediate Results	1700		Demand/Capacity	(D/C)	0.10
					-
Segment Vertical Class	1		Free-Flow Speed,		73.0
Speed Slope Coefficient				fficient	0.41674
PF Slope Coefficient	-1.25946	-1.25946		ent	0.76501
In Passing Lane Effective Length?	No		Total Segment De		0.6
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, 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	А				
		Segm	ent 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 Dens	ity, pts/mi	3.6
Demand and Capacity					
Directional Demand Flow Rate, veh/h	168		Opposing Deman	d 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 Coe	fficient	0.57640
PF Slope Coefficient	-1.10817		PF Power Coefficie	ent	0.85787
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	4654	-		-	72.1
Vehicle Results					
	1				21.2
Average Speed, mi/h 72.1 F		Percent Followers,	, %	21.3	

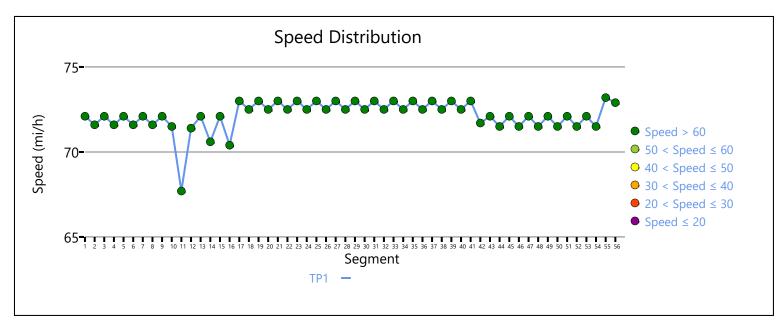
Vehi	icle LOS	А				
		Se	egm	ent 50		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		492
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Speed Slope Coefficient 4.46407 5		Speed Power Coe	fficient	0.41674		
PF S	lope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Passing Lane Effective Length? No		Total Segment Density, veh/mi/ln		0.6		
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	492	-		-	71.5
Vel	hicle Results	-				
Avei	rage Speed, mi/h	71.5		Percent Followers,	. %	27.5
Segi	ment Travel Time, minutes	0.08		Follower Density,	followers/mi/ln	0.6
Vehi	icle LOS	А				
		Se	egm	nent 51		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		7114
Lane	e Width, ft	12		Shoulder Width, f	t .	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	95
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.23175		Speed Power Coe	fficient	0.57640
PF S	Slope Coefficient	-1.09860		PF Power Coefficie	ent	0.85316
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5

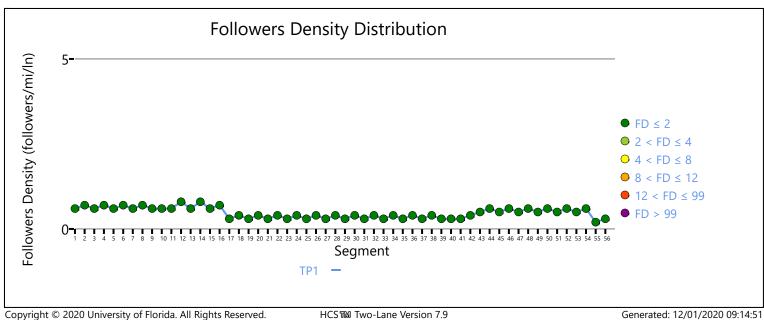
%Improved % Followers 0.0		% Improved Avg Speed		0.0		
	bsegment Data			1 ' 3'		
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6584	-		-	72.1
2	Horizontal Curve	530	199	908	0	72.1
Vel	icle Results					
Δνε	rage Speed, mi/h	72.1		Percent Followers	%	21.3
	ment Travel Time, minutes	1.12		Follower Density,		0.5
Vehicle LOS A			Tollower Bensity,	10.10.11.01.11.11	0.5	
VCII	icic 203	1/	Seam	nent 52		
Vel	hicle Inputs					
	ment Type	Passing Constrain	ned	Length, ft		793
	e Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h 65		Access Point Dens		3.6		
_	mand and Capacity			Total San Control		1
	ectional Demand Flow Rate, veh/h	168		Onnosing Deman	d Flow Rate, veh/h	-
	k Hour Factor	0.84			Total Trucks, %	
	ment Capacity, veh/h	1700		Demand/Capacity	, (D/C)	7.00
	ermediate Results	100		T amana, capacity	(27.5)	00
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	Slope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In P	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
	nproved % Followers	0.0		% Improved Avg Speed		0.0
Su	bsegment Data	·		<u>'</u>		
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	734	18	578	0	71.5
2	Tangent	59	-	-		71.5
Vel	hicle Results					,
Ave	rage Speed, mi/h	71.5		Percent Followers	, %	27.5
Seg	ment Travel Time, minutes	0.13		Follower Density,	followers/mi/ln	0.6
Veh	icle LOS	А				
			Segn	nent 53		
Vel	hicle Inputs					
	-	Passing Zone		Length, ft		9068
		12		_	t	6
Lane				Shoulder Width, ft Access Point Density, pts/mi		

	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Demai	nd Flow Rate, veh/h	95
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700 E		Demand/Capacit	ry (D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed	, mi/h	73.0
Spe	ed Slope Coefficient	4.24716	4.24716 S		efficient	0.57640
PF S	lope Coefficient	-1.10285 F		PF Power Coeffic	ient	0.84133
In Pa	assing Lane Effective Length?	No		Total Segment D	ensity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	284	284 -		-	72.1
2	Horizontal Curve	713 1857		578	0	72.1
3	Tangent	421 -			-	72.1
4	Horizontal Curve	492 1531		310	0	72.1
5	Tangent	7158 -			-	72.1
Vel	nicle Results					
Avei	age Speed, mi/h	72.1		Percent Followers	s, %	21.8
Segi	ment Travel Time, minutes	1.43		Follower Density, followers/mi/ln		0.5
	/ehicle LOS A					
Vehi	cle LOS	А				
Vehi	cle LOS	А	Segm	ent 54		
	nicle Inputs	A	Segm	ent 54		
Vel		A Passing Constrain		Length, ft		485
Vel Segi	nicle Inputs				ft	485
Vel Segi	nicle Inputs ment Type	Passing Constrain		Length, ft		
Vel Segi Lane Spee	nicle Inputs ment Type e Width, ft	Passing Constrain		Length, ft Shoulder Width,		6
Vel Segi Lane Spee	ment Type Width, ft ed Limit, mi/h	Passing Constrain		Length, ft Shoulder Width, Access Point Den		6
Vel Segri Lane Spec De	ment Type Width, ft ed Limit, mi/h mand and Capacity	Passing Constrain 12 65		Length, ft Shoulder Width, Access Point Den	nsity, pts/mi	6 3.6
Vel Segu Lane Spee De Dire	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h	Passing Constrain 12 65		Length, ft Shoulder Width, Access Point Den Opposing Demai	nsity, pts/mi nd Flow Rate, veh/h	6 3.6
Vel Segri Lane Spee Dire Peak Segri	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h the Hour Factor	Passing Constrain 12 65 168 0.84		Length, ft Shoulder Width, Access Point Den Opposing Demai	nsity, pts/mi nd Flow Rate, veh/h	6 3.6 - 7.00
Vel Segri Lane Spec Dire Dire Peak Segri	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h Hour Factor ment Capacity, veh/h	Passing Constrain 12 65 168 0.84		Length, ft Shoulder Width, Access Point Den Opposing Demai	nsity, pts/mi nd Flow Rate, veh/h ry (D/C)	6 3.6 - 7.00
Vel Segi Lane Spec Dire Peak Segi Int	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h Hour Factor ment Capacity, veh/h ermediate Results	Passing Constrain 12 65 168 0.84 1700		Length, ft Shoulder Width, Access Point Den Opposing Demai Total Trucks, % Demand/Capacit	nsity, pts/mi nd Flow Rate, veh/h ry (D/C) , mi/h	- 7.00 0.10
Vel Segi Lane Spee Dire Peak Segi Int Segi Spee	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h t Hour Factor ment Capacity, veh/h ermediate Results ment Vertical Class	Passing Constrain 12 65 168 0.84 1700		Length, ft Shoulder Width, Access Point Den Opposing Deman Total Trucks, % Demand/Capacit	nsity, pts/mi nd Flow Rate, veh/h ry (D/C) , mi/h efficient	6 3.6 - 7.00 0.10
Vel Segri Lane Spec Dire Peak Segri Int Segri Spec PF S	ment Type Width, ft Ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h Hour Factor ment Capacity, veh/h ermediate Results ment Vertical Class ed Slope Coefficient	Passing Constrain 12 65 168 0.84 1700 1 4.46407		Length, ft Shoulder Width, Access Point Den Opposing Demai Total Trucks, % Demand/Capacit Free-Flow Speed Speed Power Cod	nsity, pts/mi nd Flow Rate, veh/h ry (D/C) , mi/h efficient ient	73.0 0.41674

#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	485	-		-	71.5
Vel	nicle Results					
Ave	rage Speed, mi/h	71.5		Percent Follo	owers, %	27.5
Seg	ment Travel Time, minutes	0.08		Follower Der	nsity, followers/mi/ln	0.6
Vehi	cle LOS	А				
			Segm	ent 55		·
Vel	nicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		73018
Lane	e Width, ft	12		Shoulder Wi	dth, ft	6
 Spe			Access Point	: Density, pts/mi	2.2	
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	102		Opposing D	emand 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
Int	ermediate Results					
Segment Vertical Class		1	1		peed, mi/h	73.3
Speed Slope Coefficient 4.27173		4.27173	Speed Power		r Coefficient	0.58035
	lope Coefficient	-1.10556	-1.10556		pefficient	0.83125
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.2
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4059	-		-	73.2
2	Horizontal Curve	847	193	310	4	73.2
3	Horizontal Curve	369	198	398	3	73.2
4	Tangent	719	-		-	73.2
5	Horizontal Curve	1374	223	381	4	73.2
6	Tangent	35992	-		-	73.2
	Horizontal Curve	1811	239	986	0	73.2
/	Tangent	17646	-		-	73.2
		1435	285	52	7	73.2
8	Horizontal Curve				-	73.2
3 9	Horizontal Curve Tangent	2675	-			_
3 9 10		2675 1363	223	323	0	73.2
8 9 10 11	Tangent		223	323	-	73.2 73.2
7 8 9 10 11 12	Tangent Horizontal Curve	1363	223 - 216			

Average Speed, m	i/h	73.2	P	Percent I	Followers,	%	15.3
Segment Travel Ti	me, minutes	11.34	F	ollower	Density, 1	followers/mi/ln	0.2
Vehicle LOS		А					
			Segme	nt 56	•		
Vehicle Input	ts						
Segment Type		Passing Constraine	ed L	ength, f	ft		16168
Lane Width, ft		12	S	Shoulde	r Width, ft		6
Speed Limit, mi/h		65	A	Access P	oint Dens	ity, pts/mi	2.2
Demand and	Capacity						
Directional Demar	nd Flow Rate, veh/h	102	C	Opposin	g Deman	d Flow Rate, veh/h	-
Peak Hour Factor		0.84		Total Trucks, %			7.00
Segment Capacity, veh/h		1700 Demar		Demand	d/Capacity (D/C)		0.06
Intermediate	Results						
Segment Vertical (Class	1	F	ree-Flov	w Speed,	mi/h	73.3
Speed Slope Coef	ficient	4.60928	S	Speed Po	ower Coef	ficient	0.41674
PF Slope Coefficie	nt	-1.23143 PF P		PF Powe	r Coefficie	ent	0.71351
In Passing Lane Eff	fective Length?	No To		Total Segment Density, veh/mi/ln		nsity, veh/mi/ln	0.3
%Improved % Foll	owers	0.0	9	% Impro	oved Avg Speed		0.0
Subsegment	Data						
# Segment Typ	pe	Length, ft	Radiu	s, ft		Superelevation, %	Average Speed, mi/h
1 Tangent		16168	-			-	72.9
Vehicle Resul	lts						
Average Speed, m	i/h	72.9	P	Percent I	Followers,	%	21.5
Segment Travel Ti	me, minutes	2.52	F	Follower Density, followers/mi/ln		followers/mi/ln	0.3
Vehicle LOS		А					
Facility Resul	ts						
Т	Followe	Density, followers/	/mi/ln			LC	os
1		0.4					4





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HCSTM Two-Lane Version 7.9 2019_Section1-5_EB.xuf

	HCS7 Two-La	ane Highwa	y Report	
Project Information				
Analyst	МВ	Date		9/9/2020
Agency	ВНІ	Analysis Yea	r	2039
Jurisdiction	NMDOT	Time Period	Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Cor Study - Section 1-5	ridor Unit		United States Customary
	Se	egment 1		
Vehicle Inputs				
Segment Type	Passing Zone	Length, ft		2106
Lane Width, ft	12	Shoulder Wi	dth, 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 D	emand Flow Rate, veh/h	202
Peak Hour Factor	0.84	Total Trucks,	%	7.00
Segment Capacity, veh/h	1700	Demand/Ca	pacity (D/C)	0.13
Intermediate Results		·		·
Segment Vertical Class	1	Free-Flow S _I	peed, mi/h	73.1
Speed Slope Coefficient	4.22943	Speed Powe	r Coefficient	0.53858
PF Slope Coefficient	-1.18189	PF Power Co	pefficient	0.82947
In Passing Lane Effective Length?	No	Total Segme	nt 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			<u> </u>	·
Average Speed, mi/h	71.7	Percent Follo	owers, %	29.4
Segment Travel Time, minutes	0.33	Follower De	nsity, followers/mi/ln	0.9
Vehicle LOS	A			
	Se	egment 2		
Vehicle Inputs				
Segment Type	Passing Constrained	Length, ft		503
Lane Width, ft	12	Shoulder Wi	dth, 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 D	emand Flow Rate, veh/h	-

Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.47030		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25814	-1.25814 F		ent	0.76527
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.1
%lm	proved % Followers	ers 0.0			Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft Radio		dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	503 -			-	71.2
Vel	nicle Results					
Avei	rage Speed, mi/h	71.2		Percent Followers	. %	33.4
	ment Travel Time, minutes	0.08		Follower Density,	followers/mi/ln	1.1
Vehi	cle LOS	A		<i>y</i> ,		
			Segn	nent 3		<u>'</u>
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		1970
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity	•		•		·
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Demand Flow Rate, veh/h		202
Peak	c Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.13
Int	ermediate Results			<u>'</u>		
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ed Slope Coefficient	4.22729		Speed Power Coe		0.53858
-	lope Coefficient	-1.18653		PF Power Coefficie	ent	0.82737
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.9
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data	•		•		·
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1970	-		-	71.7
Vel	nicle Results					
Avei	rage Speed, mi/h	71.7		Percent Followers	%	29.5
	ment Travel Time, minutes	0.31		Follower Density,		0.9
	cle LOS	A				

			Segr	nent 4		
Veł	nicle Inputs					
Segr	ment Type	Passing Const	rained	Length, ft		590
Lane	e Width, ft	12		Shoulder Width, ft		6
Spee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
Dei	mand and Capacity					
Dire	Directional Demand Flow Rate, veh/h 229		Opposing Deman	d Flow Rate, veh/h	-	
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.13
Into	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spee	ed Slope Coefficient	4.46990		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25823		PF Power Coefficie	ent	0.76525
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.1
%lm	proved % Followers	0.0	0.0		Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	590	-		-	71.2
Veł	nicle Results		·			
Aver	rage Speed, mi/h	71.2		Percent Followers	, %	33.4
Segr	ment Travel Time, minutes	0.09		Follower Density, followers/mi/ln		1.1
Vehi	cle LOS	А				
			Segr	nent 5		
Veł	nicle Inputs					
Sear	ment Type	Passing Zone		Length, ft		2472
	e Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Dens		3.1
Dei	mand and Capacity	1		<u> </u>		
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Deman	d Flow Rate, veh/h	202
	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.13
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ed Slope Coefficient	4.23485		Speed Power Coe		0.53858
_	lope Coefficient	-1.17095		PF Power Coefficie	ent	0.83429
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.9
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0

Sub	segment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2472	-		-	71.7
Veh	icle Results					
Avera	age Speed, mi/h	71.7		Percent Follow	vers, %	29.0
Segn	nent Travel Time, minutes	0.39		Follower Dens	ity, followers/mi/ln	0.9
Vehic	cle LOS	A				
			Segi	ment 6		
Veh	icle Inputs					
Segn	nent Type	Passing Constrai	ned	Length, ft		568
Lane	Width, ft	12		Shoulder Wid	th, ft	6
Spee	d Limit, mi/h	65		Access Point D	Density, pts/mi	3.1
Der	mand and Capacity					
Direc	ctional Demand Flow Rate, veh/h	229		Opposing Der	mand Flow Rate, veh/h	-
Peak Hour Factor		0.84		Total Trucks, %		7.00
Segment Capacity, veh/h		1700		Demand/Capa	acity (D/C)	0.13
Inte	ermediate Results	•				
Segn	nent Vertical Class	1		Free-Flow Spe	eed, mi/h	73.1
Spee	d Slope Coefficient	4.46990	5990		Coefficient	0.41674
PF SI	ope Coefficient	-1.25823		PF Power Coe	fficient	0.76525
In Pa	ssing Lane Effective Length?	No		Total Segment	t Density, veh/mi/ln	1.1
%lmp	proved % Followers	0.0		% Improved A	wg Speed	0.0
Sub	segment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	473	-		-	71.2
2	Horizontal Curve	95	58	04	4	71.2
Veh	icle Results					
Avera	age Speed, mi/h	71.2		Percent Follow	vers, %	33.4
Segn	nent Travel Time, minutes	0.09		Follower Dens	ity, followers/mi/ln	1.1
Vehic	cle LOS	A				
			Segi	ment 7		
Veh	icle Inputs					
Segn	nent Type	Passing Zone		Length, ft		2814
Lane	Width, ft	12		Shoulder Wid	th, ft	6
Spee	d Limit, mi/h	65		Access Point D	Density, pts/mi	3.1

Directional Demand Flow Rate, veh/h 229		229		Opposing Deman	d Flow Rate, veh/h	202
	Hour Factor	0.84		Total Trucks, %		7.00
Seai	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.13
	ermediate Results			, , ,		1
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.23956		Speed Power Coe	fficient	0.53858
PF S	lope Coefficient	-1.16245		PF Power Coefficie	ent	0.83788
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.9
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					•
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	1575	58	04	4	71.7
2	Tangent	1239	-		-	71.7
Vel	nicle Results		•			
Avei	rage Speed, mi/h	71.7		Percent Followers,	. %	28.6
Segi	ment Travel Time, minutes	0.45		Follower Density,	followers/mi/ln	0.9
Vehi	cle LOS	A				
			Segi	ment 8		·
Vel	nicle Inputs					
Segi	ment Type	Passing Constrain	ned	Length, ft		1335
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Demand Flow Rate, veh/h		-
Peal	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ed Slope Coefficient	4.47019		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25740		PF Power Coefficie	ent	0.76561
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.1
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1335	-		-	71.2
Vel	nicle Results					
Ave	rage Speed, mi/h	71.2		Percent Followers,	%	33.4
	. 9			1 2 23 10 1 3 110 110 13	•	1

Segr	ment Travel Time, minutes	0.21		Follower Density,	followers/mi/ln	1.1
Vehi	cle LOS	А				
			Segn	nent 9		
Vel	nicle Inputs					
Segr	Segment Type Passing Zone			Length, ft		8021
Lane	Width, ft	12		Shoulder Width, f	t	6
Spe	peed Limit, mi/h 65		Access Point Dens	sity, pts/mi	3.1	
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Deman	d Flow Rate, veh/h	202
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.13
Int	ermediate Results			<u> </u>		
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spee	ed Slope Coefficient	4.29127		Speed Power Coe	fficient	0.53858
PF S	lope Coefficient	-1.12608	-1.12608		ent	0.83700
In Passing Lane Effective Length?		No		Total Segment De	nsity, veh/mi/ln	0.9
%lm	proved % Followers	0.0	0.0		Speed	0.0
Sul	osegment Data	•		<u>'</u>		·
#	Segment Type	Length, ft	Length, ft Rac		Superelevation, %	Average Speed, mi/h
1	Tangent	45	-	-		71.7
2	Horizontal Curve	1850	572	21	4	71.7
3	Tangent	6126	-	-		71.7
Vel	nicle Results					
Aver	age Speed, mi/h	71.7		Percent Followers, %		27.9
Segr	ment Travel Time, minutes	1.27		Follower Density, followers/mi/ln		0.9
Vehi	cle LOS	А				
			Segm	ent 10		
Vel	nicle Inputs					
	ment Type	Passing Constraine	ed	Length, ft		6248
	· Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Dens		3.1
Demand and Capacity						
De			Opposing Deman	d Flow Rate, veh/h	T-	
	ctional Demand Flow Rate, veh/h	229				
Dire	ctional Demand Flow Rate, veh/h Hour Factor	0.84		Total Trucks, %		7.00
Dire Peak				Total Trucks, % Demand/Capacity	, (D/C)	7.00
Dire Peak Segr	Hour Factor	0.84			/ (D/C)	
Dire Peak Segr	Hour Factor ment Capacity, veh/h	0.84				+

Speed Slope Coefficient	4.53038		Speed Power Coefficient		0.41674
PF Slope Coefficient	-1.16664		PF Power Coef	ficient	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	Rac	ius, ft Superelevation, %		Average Speed, mi/h
1 Tangent	6248	-		-	71.2
Vehicle Results					
Average Speed, mi/h 71.2		Percent Follow	vers, %	30.3	
Segment Travel Time, minutes	1.00		Follower Dens	ity, followers/mi/ln	1.0
Vehicle LOS	А	А			
		Segm	ent 11		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		5500
Lane Width, ft	12	-		h, ft	6
Speed Limit, mi/h	65		Access Point Density, pts/mi		3.1
Demand and Capacity					
Directional Demand Flow Rate, veh/h	veh/h 229		Opposing Der	nand 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 A	vg Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	5500	-		-	66.2
Vehicle Results					
Average Speed, mi/h	66.2		Percent Follow	/ers, %	29.6
Segment Travel Time, minutes	0.94		Follower Dens	ity, followers/mi/ln	1.0
Vehicle LOS	А				
		Segm	ent 12		
Vehicle Inputs					
Segment Type	Passing Constrai	ined	Length, ft		198
Lane Width, ft	40	12		:h, ft	6

Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	0.0
De	mand and Capacity					•
Dire	ectional Demand Flow Rate, veh/h	229		Opposing Deman	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results			<u>'</u>		
Seg	ment Vertical Class	2		Free-Flow Speed,	mi/h	72.9
Spe	ed Slope Coefficient	5.60589		Speed Power Coe	fficient	0.52584
PF S	Slope Coefficient	-1.36614		PF Power Coefficie	ent	0.74840
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.2
%lm	nproved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data			<u>'</u>		•
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	198	-		-	71.0
Vel	hicle Results					
Ave	rage Speed, mi/h	71.0		Percent Followers, %		36.4
	ment Travel Time, minutes	0.03		Follower Density,	followers/mi/ln	1.2
	icle LOS	А				
			Segm	ent 13		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		4360
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.1
De	mand and Capacity					
D: -	ectional Demand Flow Rate, veh/h	229		Opposing Demand Flow Rate, veh/h		1
Dire	ctional Bemana How Rate, verifi			Topposing Deman	u riow kate, ven/n	202
	k Hour Factor	0.84		Total Trucks, %	u Flow Rate, veli/II	7.00
Peak						
Peak Segi	k Hour Factor	0.84		Total Trucks, %		7.00
Peak Segi	k Hour Factor ment Capacity, veh/h	0.84		Total Trucks, %	r (D/C)	7.00
Peak Segr Into	k Hour Factor ment Capacity, veh/h ermediate Results	0.84		Total Trucks, % Demand/Capacity	r (D/C) mi/h	7.00
Peak Segi Into Segi	k Hour Factor ment Capacity, veh/h rermediate Results ment Vertical Class	0.84		Total Trucks, % Demand/Capacity Free-Flow Speed,	mi/h	7.00 0.13 73.1
Peak Segr Into Segr Spee PF S	k Hour Factor ment Capacity, veh/h rermediate Results ment Vertical Class ed Slope Coefficient	0.84 1700 1 4.25795		Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe	mi/h fficient	7.00 0.13 73.1 0.53858
Peak Segr Segr Spee PF S	ment Capacity, veh/h cermediate Results ment Vertical Class ed Slope Coefficient slope Coefficient	0.84 1700 1 4.25795 -1.13783		Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coefficient	mi/h fficient ent nsity, veh/mi/ln	7.00 0.13 73.1 0.53858 0.84618
Peak Segr Into Segr Spec PF S In Pa	ment Capacity, veh/h ermediate Results ment Vertical Class ed Slope Coefficient Slope Coefficient assing Lane Effective Length?	0.84 1700 1 4.25795 -1.13783 No		Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coefficient Total Segment De	mi/h fficient ent nsity, veh/mi/ln	7.00 0.13 73.1 0.53858 0.84618 0.9
Peak Segr Into Segr Spec PF S In Pa	ment Capacity, veh/h cermediate Results ment Vertical Class ed Slope Coefficient Slope Coefficient assing Lane Effective Length?	0.84 1700 1 4.25795 -1.13783 No	Rac	Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coefficient Total Segment De	mi/h fficient ent nsity, veh/mi/ln	7.00 0.13 73.1 0.53858 0.84618 0.9
Peak Segri Segri Spee PF S In Pa	ment Capacity, veh/h cermediate Results ment Vertical Class ed Slope Coefficient Slope Coefficient assing Lane Effective Length? hproved % Followers bsegment Data	0.84 1700 1 4.25795 -1.13783 No 0.0	Rac	Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coefficie Total Segment De % Improved Avg S	mi/h fficient ent nsity, veh/mi/ln	7.00 0.13 73.1 0.53858 0.84618 0.9 0.0

3	Tangent	586	-		-	71.7
Vel	hicle Results					
Ave	rage Speed, mi/h	71.7		Percent Followers,	%	27.8
Seg	ment Travel Time, minutes	0.69		Follower Density, followers/mi/ln		0.9
Veh	icle LOS	А				
		Se	gm	ent 14		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrained	Passing Constrained			997
Lane	e Width, ft	12	-		;	6
Spe	ed Limit, mi/h	65	65		ity, pts/mi	3.1
De	mand and Capacity					·
Dire	ectional Demand Flow Rate, veh/h	229		Opposing Demand	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Seg	ment Vertical Class	2		Free-Flow Speed,	mi/h	72.1
Spe	ed Slope Coefficient	5.49234		Speed Power Coef	ficient	0.52121
PF S	Slope Coefficient	-1.37446		PF Power Coefficie	ent	0.74695
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.2
%lm	nproved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	lius, ft Superelevation, %		Average Speed, mi/h
1	Tangent	997	-	-		70.2
Vel	hicle Results					
Ave	rage Speed, mi/h	70.2		Percent Followers,	%	36.6
Seg	ment Travel Time, minutes	0.16		Follower Density, 1	followers/mi/ln	1.2
Veh	icle LOS	А				
		Se	gm	ent 15		·
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		858
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	229		Opposing Demand	d Flow Rate, veh/h	202
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Sea	ment 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 Coef	fficient	0.53858		
PF Slope Coefficient	-1.21480		PF Power Coefficie	ent	0.81429		
In Passing Lane Effective Length	ength? No		Total Segment De	nsity, veh/mi/ln	1.0		
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0		
Subsegment Data	·				·		
# Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h		
1 Tangent	858	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 Constrain	ned	Length, ft		2993		
Lane Width, ft	12		Shoulder Width, ft	t	6		
Speed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1		
Demand and Capacity					•		
Directional Demand Flow Rate, v	reh/h 229		Opposing Demand	d 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 Coef	fficient	0.52744		
PF Slope Coefficient	-1.28110		PF Power Coefficie	ent	0.76813		
In Passing Lane Effective Length	? No		Total Segment De	nsity, veh/mi/ln	1.1		
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0		
Subsegment Data							
# Segment Type	Length, ft	Ra	dius, 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/In	1.1		
Vehicle LOS	А						
					·		

Vel	nicle Inputs					
	ment Type	Passing Zone		Length, ft		15728
	Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Dens		1.7
•	mand and Capacity				, , , , , , , , , , , , , , , , , , ,	1
. ,		Opposing Doman	d Flow Rate, veh/h	139		
				Total Trucks, %	u riow Rate, ven/n	7.00
	Peak Hour Factor 0.84 Segment Capacity, veh/h 1700			Demand/Capacity	(D/C)	0.09
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
	ment Vertical Class	1		Free-Flow Speed,		73.4
Spe	ed Slope Coefficient	4.30421		Speed Power Coe	fficient	0.55850
PF S	lope Coefficient	-1.12084		PF Power Coefficie	ent	0.82503
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%Improved % Followers		0.0		% Improved Avg S	Speed	0.0
Sul	segment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9261	-	-		72.6
2	Horizontal Curve	733	233	342	0	72.6
3	Tangent	5734	-		-	72.6
Vel	nicle Results	•				
Avei	age Speed, mi/h	72.6		Percent Followers,	, %	21.6
Segi	ment Travel Time, minutes	2.46		Follower Density, followers/mi/ln		0.5
	cle LOS	А				
			Segm	nent 18		
Vel	nicle Inputs					
	ment Type	Passing Constrair	ned	Length, ft		524
	Width, ft	12	icu	Shoulder Width, f	<u> </u>	6
	ed Limit, mi/h	65		Access Point Dens		1.7
	mand and Capacity			7.00000 7 0		1
	ctional Demand Flow Rate, veh/h	157		Onnosing Deman	d Flow Rate, veh/h	T-
	Hour Factor	0.84		Total Trucks, %	a How Nate, vell/II	7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
	ermediate Results	1700		Demand, capacity		0.03
				F 51 . C		72.4
	ment Vertical Class	1		Free-Flow Speed,		73.4
-	ed Slope Coefficient	4.48927		Speed Power Coe		0.41674
	lope Coefficient	-1.25414		PF Power Coefficie		0.76606
In Passing Lane Effective Length?			Total Segment Density, veh/mi/ln 0.6			

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	524	-		-	72.1
Veł	nicle Results					
Aver	age 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				
			Segn	nent 19		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		16047
Lane	Width, ft	12		Shoulder Width, ft	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h 157		Opposing Deman	d Flow Rate, veh/h	139	
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700	1700		(D/C)	0.09
Into	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	ed Slope Coefficient	4.30489		Speed Power Coefficient		0.55850
PF S	lope Coefficient	-1.12075		PF Power Coefficient		0.82507
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16047	-		-	72.6
Vel	nicle Results					
Aver	age Speed, mi/h	72.6		Percent Followers, %		21.6
Segr	ment Travel Time, minutes	2.51		Follower Density,	followers/mi/ln	0.5
Vehi	cle LOS	Α				
		•	Segn	nent 20		
Vel	nicle Inputs					
	ment Type	Passing Constrain	ned	Length, ft		790
			-			
Segr	Width, ft	12		Shoulder Width, ft	t	6

Directional Demand Flow Rate, veh/h	157		Onnosing Demand	d Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %	a . Tott Rate, verigin	7.00
Segment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Intermediate Results	1		- Sind, Supucity	· / -/	1
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 Coefficie		0.76609
In Passing Lane Effective Length?	No.		Total Segment De		0.6
%Improved % Followers	0.0		% Improved Avg S		0.0
Subsegment Data	1 0.0		70p. 0		1 0.0
# Segment Type	Length, ft	Pac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	790	Nac	ilus, it	- Superelevation, 76	72.1
	1790	1-		-	72.1
Vehicle Results					
Average Speed, mi/h	72.1		Percent Followers,	, %	26.2
Segment Travel Time, minutes 0.12		Follower Density,	followers/mi/In	0.6	
Vehicle LOS	OS A				
	S	Segm	ent 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 Coef	fficient	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 S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	4534	-		-	72.6
Vehicle Results					
Vehicle Results Average Speed, mi/h	72.6		Percent Followers,	. %	20.6

Vehi	icle LOS	А				
		S	Segn	nent 22		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		1415
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.49177		Speed Power Coe	fficient	0.41674
PF Slope Coefficient -1.24893		PF Power Coefficie	ent	0.76828		
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1415	-		-	72.1
Vel	hicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers,	. %	26.0
Segi	ment Travel Time, minutes	0.22		Follower Density, followers/mi/ln		0.6
Vehi	icle LOS	А				
		S	Segn	nent 23		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		5706
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	139
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.26634		Speed Power Coe	fficient	0.55850
PF S	lope Coefficient	-1.11129		PF Power Coefficie	ent	0.85351
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5706	-		-	72.6
Veł	nicle Results					
Aver	age Speed, mi/h	72.6		Percent Followers,	, %	20.5
		0.89		Follower Density,	followers/mi/ln	0.4
Vehicle LOS		А				
			Segn	nent 24		
Vel	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		750
Lane	Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Dei	mand and Capacity			·		
Dire	onal Demand Flow Rate, veh/h 157		Opposing Deman	d Flow Rate, veh/h	-	
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	' (D/C)	0.09
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	ed Slope Coefficient	4.48995		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficient		0.76609
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	750	-		-	72.1
Veł	nicle Results					
Aver	age Speed, mi/h	72.1		Percent Followers,	, %	26.2
Segr	ment Travel Time, minutes	0.12		Follower Density,	followers/mi/In	0.6
Vehi	cle LOS	А		1		
		·	Segn	nent 25		•
Veł	nicle Inputs					
	ment Type	Passing Zone		Length, ft		2257
Segr			-		+	
	Width, ft	12		Shoulder Width, f	t	6

Directional Demand Flow Rate, veh/h 157		0	d Ela Data ala da	120		
					d Flow Rate, veh/h	139
	Hour Factor	0.84		Total Trucks, %	(D.(C)	7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segment Vertical Class		1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.22664		Speed Power Coe	fficient	0.55850
PF S	lope Coefficient	-1.15950		PF Power Coefficie	ent	0.83828
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%Improved % Followers 0.0			% Improved Avg S	Speed	0.0	
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1498	-		-	72.6
2	Horizontal Curve	759	114	400	3	72.6
Vel	nicle Results					
Avei	rage Speed, mi/h	72.6		Percent Followers,	, %	21.8
Segment Travel Time, minutes		0.35		Follower Density,	followers/mi/In	0.5
Vehi	cle LOS	А				
			Segn	nent 26		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrai	ined	Length, ft		796
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Demand Flow Rate, veh/h		-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	796	114	400	3	72.1
Vel	nicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers,	, %	26.2
	5 1 , ,		12.1			

Segr	ment Travel Time, minutes	0.13		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	А				
			Segm	ent 27		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		2922
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d 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
Into	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Speed Slope Coefficient		4.23592		Speed Power Coe	fficient	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
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	398	114	3		72.6
2	Tangent	2524	-	-		72.6
Vel	nicle Results					
Aver	rage Speed, mi/h	72.6		Percent Followers,	. %	21.3
Segr	ment Travel Time, minutes	0.46		Follower Density, followers/mi/ln		0.5
Vehi	cle LOS	А				
			Segm	ent 28		
Vel	nicle Inputs					
Segr	ment Type	Passing Constrained	d	Length, ft		859
Lane	e Width, ft	12		Shoulder Width, ft		6
Spee	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	-
	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	ed Slope Coefficient	4.48995			Speed Power Coefficient	

DE C	PF Slope Coefficient -1.25400		DE Dower Cook	fisiont.	0.76609	
	assing Lane Effective Length?	-1.25400 No		PF Power Coef		0.76609
	assing Lane Effective Lengths approved % Followers	0.0		Total Segment Density, veh/mi/ln		
		0.0		% Improved Avg Speed 0.0		
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	ius, ft Superelevation, %		Average Speed, mi/h
1	Tangent	859	-		-	72.1
Vel	hicle Results					
Average Speed, mi/h 72.1			Percent Follow	vers, %	26.2	
Segi	ment Travel Time, minutes	0.14		Follower Dens	ity, followers/mi/ln	0.6
Vehi	icle LOS	A				
		•	Segn	nent 29		
Vel	hicle Inputs					
Segment Type Passing Zone		Length, ft		30733		
Lane	e Width, ft	12		Shoulder Widt	h, ft	6
Spe	ed Limit, mi/h	65		Access Point D	ensity, pts/mi	1.7
De	mand and Capacity	•				•
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Den	nand Flow Rate, veh/h	139
Peak	k Hour Factor	0.84	0.84)	7.00
Segi	ment Capacity, veh/h	1700		Demand/Capa	city (D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.5
Spe	ed Slope Coefficient	4.30489		Speed Power Coefficient		0.55850
PF S	lope Coefficient	-1.12075		PF Power Coefficient		0.82507
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30733	-		-	72.6
Vel	hicle Results					
Avei	rage Speed, mi/h	72.6		Percent Follow	vers, %	21.6
Segi	ment Travel Time, minutes	4.81		Follower Dens	ity, followers/mi/ln	0.5
vehi	icle LOS	A				
			Segn	nent 30		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrain	ned	Length, ft		624
Lane	e Width, ft	12		Shoulder Widt	h, ft	6
Spe	ed Limit, mi/h	65		Access Point D	Pensity, pts/mi	1.7

Demand and Capacity					
Directional Demand Flow Rate, veh/h	157		Opposing Deman	d 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 Coe	fficient	0.41674
PF Slope Coefficient	-1.25400	-1.25400		ent	0.76609
In Passing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.6
%Improved % Followers	0.0	0.0		Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, 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	0.10		followers/mi/ln	0.6
Vehicle LOS	А				
	S	egm	ent 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 Coe	fficient	0.55850
PF Slope Coefficient	-1.12048		PF Power Coefficie	ent	0.82543
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%Improved % Followers	0.0		% Improved Avg Speed		0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	10519	-		-	72.6
Vehicle Results					
Average Speed, mi/h	72.6		Percent Followers,	%	21.6

Segi	ment Travel Time, minutes	1.65		Follower Density,	followers/mi/ln	0.5
Vehi	icle LOS	А				
			Segm	ent 32		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained	d	Length, ft		1055
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity					·
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	-
Peak Hour Factor 0.84		0.84		Total Trucks, %		7.00
Segment Capacity, veh/h 170		1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Speed Slope Coefficient		4.48995		Speed Power Coe	fficient	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
Sul	bsegment Data					•
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1037	T-		-	72.1
2	Horizontal Curve	18	739	925	0	72.1
Vel	hicle Results					
Aver	rage Speed, mi/h	72.1		Percent Followers,	. %	26.2
Segi	ment Travel Time, minutes	0.17		Follower Density, followers/mi/ln		0.6
Vehi	icle LOS	А				
		·	Segm	ent 33		
Vel	hicle Inputs					
	ment Type	Passing Zone		Length, ft		10005
	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity	<u>'</u>				•
	ectional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	139
	K Hour Factor	0.84		Total Trucks, %	,,	7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Segment Vertical Class		4.30102		Free-Flow Speed, mi/h Speed Power Coefficient		+

	and Coefficient 1 11722		DE D . C . ((0.02005
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	Rad	lius, ft Superelevation, %		Average Speed, mi/h
1 Horizontal Curve	674	674 7392		0	72.6
2 Tangent	9331	-		-	72.6
Vehicle Results					
Average Speed, mi/h	72.6		Percent Followe	ers, %	21.4
Segment Travel Time, minutes	1.57		Follower Densit	y, followers/mi/ln	0.5
Vehicle LOS	А				
		Segn	ent 34		
Vehicle Inputs					
Segment Type Passing Constrained		Length, ft		795	
Lane Width, ft	12		Shoulder Width	ı, ft	6
Speed Limit, mi/h	65	65		ensity, pts/mi	1.7
Demand and Capacity			<u> </u>		·
Directional Demand Flow Rate, veh/h	157	157		and 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 Av	g Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	795	-		-	72.1
Vehicle Results					
Average Speed, mi/h	72.1		Percent Followe	ers, %	26.2
Segment Travel Time, minutes	0.13		Follower Density, followers/mi/ln		0.6
Vehicle LOS	А				
		Segm	nent 35		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		4306
Lane Width, ft	12		Shoulder Width	ı, ft	6

Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	157		Opposing Deman	d 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 Coe	fficient	0.55850
PF Slope Coefficient	-1.12143		PF Power Coeffici	ent	0.85316
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.4
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft Radio		adius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	4306	4306 -		-	72.6
Vehicle Results					
Average Speed, mi/h 72.6			Percent Followers	, %	20.6
Segment Travel Time, minutes	0.67	0.67		followers/mi/ln	0.4
Vehicle LOS	А				
venicie LOS	^				
venicie LOS	<u>^</u>	Segn	ment 36		
Vehicle Inputs		Segn	ment 36		
	Passing Constrain		nent 36 Length, ft		814
Vehicle Inputs				t	814 6
Vehicle Inputs Segment Type	Passing Constra		Length, ft		
Vehicle Inputs Segment Type Lane Width, ft	Passing Constra		Length, ft Shoulder Width, f		6
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h	Passing Constra		Length, ft Shoulder Width, f Access Point Dens		6
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity	Passing Constraints 12 65		Length, ft Shoulder Width, f Access Point Dens	sity, pts/mi	1.7
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h	Passing Constraint 12 65 157		Length, ft Shoulder Width, f Access Point Dens Opposing Deman	sity, pts/mi d Flow Rate, veh/h	6 1.7
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor	Passing Constrain 12 65 157 0.84		Length, ft Shoulder Width, f Access Point Dens Opposing Deman	sity, pts/mi d Flow Rate, veh/h	6 1.7 - 7.00
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h	Passing Constrain 12 65 157 0.84		Length, ft Shoulder Width, f Access Point Dens Opposing Deman	d Flow Rate, veh/h	6 1.7 - 7.00
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results	Passing Constraint 12 65 157 0.84 1700		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity	d Flow Rate, veh/h (D/C) mi/h	- 7.00 0.09
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class	Passing Constraint 12 65 157 0.84 1700		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed,	d Flow Rate, veh/h (D/C) mi/h fficient	6 1.7 - 7.00 0.09
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient	Passing Constraint 12 65 157 0.84 1700 1 4.48995		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe	d Flow Rate, veh/h (D/C) mi/h fficient ent	73.5 0.41674
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient	Passing Constraint 12		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe PF Power Coefficients	d Flow Rate, veh/h (D/C) mi/h fficient ent ensity, veh/mi/ln	7.00 0.09 73.5 0.41674 0.76609
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length?	Passing Constraint 12		Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe PF Power Coefficie Total Segment De	d Flow Rate, veh/h (D/C) mi/h fficient ent ensity, veh/mi/ln	73.5 0.41674 0.76609 0.6
Vehicle Inputs Segment Type Lane Width, ft Speed Limit, mi/h Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h Intermediate Results Segment Vertical Class Speed Slope Coefficient PF Slope Coefficient In Passing Lane Effective Length? %Improved % Followers	Passing Constraint 12	ined	Length, ft Shoulder Width, f Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe PF Power Coefficie Total Segment De	d Flow Rate, veh/h (D/C) mi/h fficient ent ensity, veh/mi/ln	73.5 0.41674 0.76609 0.6

Average Speed, mi/h	72.1		Percent Followers,	%	26.2
Segment Travel Time, minutes	0.13		Follower Density, f	followers/mi/ln	0.6
Vehicle LOS	A				
		Segm	ent 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 Dens	ity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	157		Opposing Demand	d 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, r	mi/h	73.5
Speed Slope Coefficient	4.30489		Speed Power Coef	ficient	0.55850
PF Slope Coefficient	-1.12075	-1.12075		ent	0.82507
In Passing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.5
%Improved % Followers	0.0		% Improved Avg Speed		0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	16580	-		-	72.6
2 Horizontal Curve	222	404	179	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	А				
		Segm	ent 38		
Vehicle Inputs					
Segment Type	Passing Constrai	ined	Length, ft		1173
Lane Width, ft	12		Shoulder Width, ft		6
Speed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
Demand and Capacity					
Demand and Capacity			Opposing Demand	d Flow Rate, veh/h	-
Directional Demand Flow Rate, veh/h	157				
	0.84		Total Trucks, %		7.00
Directional Demand Flow Rate, veh/h				(D/C)	7.00 0.09

		Τ.		I		T
		Free-Flow Speed, mi/h		73.5		
-	d Slope Coefficient	4.48995		Speed Power Coefficient PF Power Coefficient		0.41674
	ope Coefficient	-1.25400				0.76609
	ssing Lane Effective Length?		No 1		nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent 1173		1173	-		-	72.1
Vel	nicle Results					
Aver	age Speed, mi/h	72.1		Percent Followers,	%	26.2
Segr	nent Travel Time, minutes	0.18		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	А		İ		
		So	egm	ent 39		
Veł	nicle Inputs					
	nent Type	Passing Zone		Length, ft		15124
	Width, ft			Shoulder Width, ft		6
	d Limit, mi/h	65			ity, pts/mi	1.7
•	mand and Capacity					
	ctional Demand Flow Rate, veh/h	157		Opposing Demand	d Flow Rate, veh/h	139
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	nent Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Into	ermediate Results			'		
Segr	nent Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	d Slope Coefficient	4.30489		Speed Power Coefficient		0.55850
PF S	ope Coefficient	-1.12075		PF Power Coefficient		0.82507
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg S	speed	0.0
Suk	osegment Data	<u>'</u>		<u>'</u>		
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	15124	-		-	72.6
Vel	nicle Results					
Aver	age Speed, mi/h	72.6		Percent Followers,	%	21.6
	nent Travel Time, minutes	2.37		Follower Density,	followers/mi/ln	0.5
	cle LOS	А				
			egm	ent 40		
Vel	nicle Inputs					
Vehicle Inputs			Passing Constrained L			

Lan	e Width, ft	12		Shoulder Width, f	ft	6
Spe	eed Limit, mi/h	65	5 Access Point Density, pts/mi		1.7	
De	emand and Capacity					
Directional Demand Flow Rate, veh/h 157			Opposing Demar	nd Flow Rate, veh/h	-	
Pea	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	y (D/C)	0.09
Int	termediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.51166		Speed Power Coe	efficient	0.41674
PF S	Slope Coefficient	-1.20352		PF Power Coeffici	ent	0.78720
In P	Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.5
%Improved % Followers		0.0		% Improved Avg	Speed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	916	-		-	72.1
2	Horizontal Curve	838	560	00	4	72.1
3	Tangent	916	-		-	72.1
Ve	hicle Results					
Ave	erage Speed, mi/h	72.1		Percent Followers	5, %	24.5
Seg	ment Travel Time, minutes	0.42		Follower Density, followers/mi/ln		0.5
Veh	nicle LOS	А				
			Segn	nent 41		
Ve	hicle Inputs					
Seg	 Iment Type	Passing Zone		Length, ft		16590
Lan	e Width, ft	12		Shoulder Width, f	ft	6
Spe	ed Limit, mi/h	65		Access Point Den	1.7	
De	emand and Capacity	<u>'</u>				
Dire	ectional Demand Flow Rate, veh/h	157		Opposing Demar	nd Flow Rate, veh/h	139
Pea	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Int	termediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	eed Slope Coefficient	4.30489		Speed Power Coe		0.55850
	Slope Coefficient	-1.12075		PF Power Coeffici		0.82507
In P	Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.5
%In	nproved % Followers	0.0		% Improved Avg	Speed	0.0
	bsegment Data					•

#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16590	-		-	72.6
Vel	nicle Results					
Aver	rage Speed, mi/h	72.6		Percent Follower	s, %	21.6
Segr	ment Travel Time, minutes	2.60		Follower Density	, followers/mi/ln	0.5
Vehi	cle LOS	А				
			Segme			
Vel	nicle Inputs					
Segr	ment Type	Passing Constrai	ned	Length, ft		1832
Lane	e Width, ft	12 5		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Der	nsity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Dema	nd Flow Rate, veh/h	-
Peak	Hour Factor			Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Int	ermediate Results					•
Segr	ment Vertical Class	2		Free-Flow Speed	, mi/h	72.4
Spe	ed Slope Coefficient	5.89289		Speed Power Co	efficient	0.52530
PF S	lope Coefficient	-1.33157		PF Power Coeffic	ient	0.75638
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	osegment Data			·		
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1751	-		-	71.1
2	Horizontal Curve	81	658	3 5		71.1
Vel	nicle Results					
Aver	rage Speed, mi/h	71.1		Percent Follower	s, %	28.0
Segr	ment Travel Time, minutes	0.29		Follower Density, followers/mi/ln		0.6
Vehi	cle LOS	А				
			Segm	nent 43		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		2737
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Der	nsity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Dema	nd Flow Rate, veh/h	123
	Hour Factor	0.84		Total Trucks, %		7.00

Segment Capacity, veh/h 1700			Demand/Capacity	0.13		
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.0
Spe	ed Slope Coefficient	4.19948		Speed Power Coe	fficient	0.56477
PF S	Slope Coefficient -1.14568 F		PF Power Coefficie	ent	0.84449	
In Passing Lane Effective Length? No		Total Segment De	nsity, veh/mi/ln	0.8		
%Improved % Followers 0.0		% Improved Avg S	Speed	0.0		
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1641	1641 -		-	71.7
2	Horizontal Curve	1096	625	50	4	71.7
Vel	nicle Results					•
Aver	rage Speed, mi/h	71.7		Percent Followers,	. %	27.1
Segment Travel Time, minutes		0.43		Follower Density,	followers/mi/ln	0.8
Vehicle LOS		А				
			Segm	ent 44		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrai	ned	Length, ft		1334
Lane	e Width, ft	12		Shoulder Width, f	t .	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity	•				·
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46380		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25879		PF Power Coefficient		0.76532
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	23	300	00	0	71.1
2	Tangent	1311	-		-	71.1
Vel	nicle Results					
A	rage Speed, mi/h	71.1		Percent Followers	. %	32.4
Average Speed, mi/h 71.1 P				Percent Followers, % Follower Density, followers/mi/ln		

Vehi	icle LOS	А				
		S	egm	nent 45		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		25423
Lane	e Width, ft	12 S		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	123
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.27146		Speed Power Coe	fficient	0.56477
PF S	Slope Coefficient	-1.11956		PF Power Coefficie	ent	0.82563
In Passing Lane Effective Length?		No		Total Segment Density, veh/mi/ln		0.8
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25423	1-		-	71.7
Vel	hicle Results					
Avei	rage Speed, mi/h	71.7		Percent Followers,	. %	27.3
Segi	ment Travel Time, minutes	4.03		Follower Density,	followers/mi/ln	0.8
Vehi	icle LOS	А				
		S	egm	nent 46		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		541
	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	Slope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0	
Suk	osegment Data						
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	541	-		-	71.1	
Veł	nicle Results						
Aver	rage Speed, mi/h	71.1		Percent Followers,	%	32.5	
Segr	ment Travel Time, minutes	0.09		Follower Density,	followers/mi/ln	1.0	
Vehi	cle LOS	А					
			Segn	nent 47			
Vel	nicle Inputs						
Segr	ment Type	Passing Zone		Length, ft		11758	
Lane	e Width, ft	12		Shoulder Width, ft	t	6	
Spee	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6	
Dei	mand and Capacity						
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	123	
Peak	Hour Factor	0.84				7.00	
Segr	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13	
Into	ermediate Results						
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0	
Spee	ed Slope Coefficient	4.27146		Speed Power Coef	fficient	0.56477	
PF S	lope Coefficient	-1.11956		PF Power Coefficie	ent	0.82563	
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.8	
%lm	proved % Followers	0.0		% Improved Avg S	0.0		
Suk	osegment Data						
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	11758	-		-	71.7	
Veł	nicle Results						
Aver	rage Speed, mi/h	71.7		Percent Followers,	%	27.3	
Segr	ment Travel Time, minutes	1.86		Follower Density,	followers/mi/ln	0.8	
Vehi	cle LOS	А					
			Segn	nent 48			
Vel	nicle Inputs						
C	ment Type	Passing Constrain	ned	Length, ft		572	
		12		Shoulder Width, ft		6	
	Lane Width, ft 12 Speed Limit, mi/h 65		Access Point Density, pts/mi				

Directional Demand Flow Rate, veh/h	218		Onnosing Doman	d Flow Rate, veh/h	 -
Peak Hour Factor	0.84		Total Trucks, %	a riow Nate, vell/II	7.00
Segment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Intermediate Results	1700		Demand, capacity		0.13
	1		Free Fla. C	vai /h	72.0
Segment Vertical Class	1		Free-Flow Speed,		73.0
Speed Slope Coefficient	4.46407		Speed Power Coe		0.41674
PF Slope Coefficient	-1.25946		PF Power Coefficie		0.76501
In Passing Lane Effective Length? No		Total Segment De		1.0	
%Improved % Followers 0.0			% Improved Avg S	speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Ra	dius, 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	0.09		followers/mi/ln	1.0
Vehicle LOS A					
		Segn	nent 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 Dens	sity, pts/mi	3.6
Demand and Capacity					
Directional Demand Flow Rate, veh/h	218		Opposing Deman	d 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 Coe	fficient	0.56477
PF Slope Coefficient	-1.11686		PF Power Coefficie	ent	0.85437
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.8
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	4654	-		-	71.7
Vehicle Results					
Average Speed, mi/h	71.7		Percent Followers,	, %	26.2
-			Follower Density, followers/mi/ln		

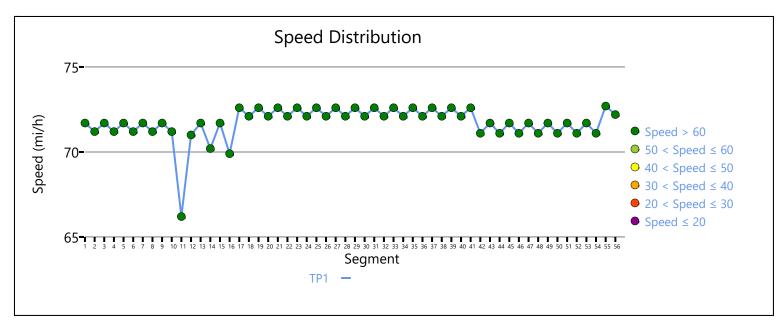
Vehi	icle LOS	A				
		So	egm	nent 50		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		492
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	-
Peak	K Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	492	1-		-	71.1
Vel	hicle Results					
Avei	rage Speed, mi/h	71.1		Percent Followers,	. %	32.5
Segi	ment Travel Time, minutes	0.08		Follower Density,	followers/mi/ln	1.0
Vehi	icle LOS	А				
		Se	egm	nent 51		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		7114
Lane	e Width, ft	12		Shoulder Width, f	t .	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	123
Peak	K Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.24537		Speed Power Coe	fficient	0.56477
PF S	lope Coefficient	-1.10720		PF Power Coefficie	ent	0.84960
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.8

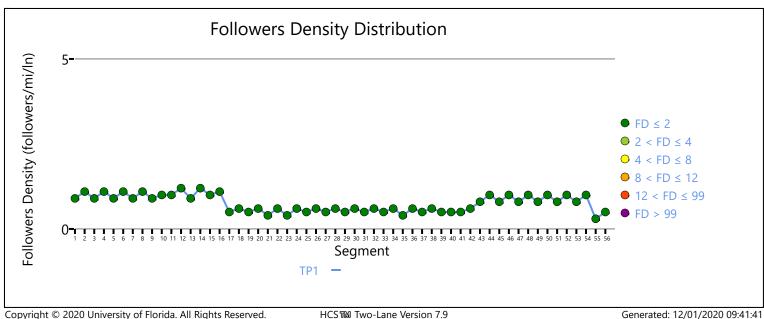
%Improved % Followers 0.		0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6584	-		-	71.7
2	Horizontal Curve	530	19:	908	0	71.7
Vel	nicle Results					
Avei	rage Speed, mi/h	71.7		Percent Followers	 , %	26.2
	ment Travel Time, minutes	1.13		Follower Density,		0.8
	cle LOS	A		,		
			Segn	nent 52		
Vel	nicle Inputs					
Segi	ment Type	Passing Constraine	ed	Length, ft		793
	e Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h 65			Access Point Dens	sity, pts/mi	3.6	
De	mand and Capacity					
Directional Demand Flow Rate, veh/h 218		Opposing Deman	d Flow Rate, veh/h	ļ.		
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	Speed Power Coefficient	
PF S	lope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		1.0
%lm	proved % Followers	0.0		% Improved Avg	0.0	
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	734	18	578	0	71.1
2	Tangent	59	-		-	71.1
Vel	nicle Results					
Avei	rage Speed, mi/h	71.1		Percent Followers	, %	32.5
Segi	ment Travel Time, minutes	0.13		Follower Density,	followers/mi/ln	1.0
Vehi	cle LOS	A				
			Segn	nent 53		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		9068
	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.6

<u></u>	emand and Capacity	210		0	enand Flav Data L (I	121
	ectional Demand Flow Rate, veh/h	218		1.	mand Flow Rate, veh/h	121
Peak Hour Factor 0.84		Total Trucks, 9		7.00		
_	ment Capacity, veh/h	1700		Demand/Cap	acity (D/C)	0.13
Int	termediate Results					
Seg	ment Vertical Class	1		Free-Flow Spe	eed, mi/h	73.0
Spe	ed Slope Coefficient	4.26023		Speed Power	Coefficient	0.56524
PF S	Slope Coefficient	-1.11113		PF Power Coe	fficient	0.83794
In F	assing Lane Effective Length?	No		Total Segmen	t Density, veh/mi/ln	0.8
%In	nproved % Followers	0.0		% Improved A	Avg Speed	0.0
Su	bsegment Data					
# Segment Type		Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	284	-		-	71.7
2	Horizontal Curve	713	713 1857		0	71.7
3	Tangent	421	_ -			71.7
4	Horizontal Curve	492	153	310	0	71.7
5	Tangent	7158	-		-	71.7
Ve	hicle Results					
Ave	rage Speed, mi/h	71.7		Percent Follow	wers, %	26.6
Seg	ment Travel Time, minutes	1.44		Follower Dens	sity, followers/mi/ln	0.8
Veh	icle LOS	А				
			Segm	ent 54		
Ve	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		485
Lan	e Width, ft	12		Shoulder Wid	th, ft	6
		65		Access Point Density, pts/mi		3.6
Spe	mand and Capacity					
÷	ectional Demand Flow Rate, veh/h	218		Opposing De	mand Flow Rate, veh/h	-
De		0.84		Total Trucks, %		7.00
De	k Hour Factor	Segment Capacity, veh/h 1700		Demand/Capacity (D/C)		0.13
Dire Pea		1700				
Dire Pea Seg		1700				
Dire Pea Seg	ment Capacity, veh/h	1700		Free-Flow Spe	eed, mi/h	73.0
Dire Pea Seg	ment Capacity, veh/h			Free-Flow Spe Speed Power		73.0 0.41674
Der Director Pear Seguint Segu	ment Capacity, veh/h termediate Results ment Vertical Class	1			Coefficient	
Director Pear Segue Interest Segue Special Segue PF Segue	ment Capacity, veh/h termediate Results ment Vertical Class ed Slope Coefficient	1 4.46407		Speed Power PF Power Coe	Coefficient	0.41674

#	Segment Type	Length, ft	Rad	lius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	485 -			-	71.1	
Vel	nicle Results						
Avei	rage Speed, mi/h	71.1		Percent Follo	owers, %	32.5	
Segi	ment Travel Time, minutes	0.08		Follower Der	nsity, followers/mi/ln	1.0	
Vehi	cle LOS	А					
			Segm	ent 55		<u>'</u>	
Vel	nicle Inputs						
Segi	ment Type	Passing Zone		Length, ft		73018	
Lane	e Width, ft	12		Shoulder Wi	dth, ft	6	
 Spe	ed Limit, mi/h	65		Access Point	Density, pts/mi	2.2	
De	mand and Capacity						
Dire	ctional Demand Flow Rate, veh/h	132		Opposing D	emand 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	
Int	ermediate Results						
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.3	
	ed Slope Coefficient	4.28475		Speed Power Coefficient		0.56910	
PF S	lope Coefficient	-1.11396		PF Power Co	efficient	0.82788	
In Pa	assing Lane Effective Length?	No		Total Segme	nt Density, veh/mi/ln	0.3	
%lm	proved % Followers	0.0		% Improved	Avg Speed	0.0	
Sul	osegment Data						
#	Segment Type	Length, ft	Rad	lius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	4059	-		-	72.7	
2	Horizontal Curve	847	193	10	4	72.7	
3	Horizontal Curve	369	198	98	3	72.7	
4	Tangent	719	-		-	72.7	
5	Horizontal Curve	1374	223	81	4	72.7	
6	Tangent	35992	-		-	72.7	
7	Horizontal Curve	1811	239	86	0	72.7	
8	Tangent	17646	-		-	72.7	
9	Horizontal Curve	1435	285	2	7	72.7	
_	Tangent	2675	-		-	72.7	
	Horizontal Curve	1363	223	23	0	72.7	
10	Horizontal Curve				-	72.7	
10 11 12	Tangent	310	-				
10 11		310 1308	216	80	0	72.7	

Aver	age Speed, m	ni/h	72.7		Percent I	Followers,	%	18.8
Segr	ment Travel Ti	me, minutes	11.41		Follower	Density,	followers/mi/ln	0.3
Vehi	cle LOS		А					
				Segm	ent 56	5		
Vel	nicle Inpu	ts						
Segr	ment Type		Passing Constraine	ed	Length, f	ft		16168
Lane	Width, ft		12	12		r Width, ft	:	6
Spe	ed Limit, mi/h		65		Access P	oint Dens	ity, pts/mi	2.2
De	mand and	Capacity						
Dire	ctional Demai	nd Flow Rate, veh/h	132		Opposin	g Deman	d Flow Rate, veh/h	-
Peak	Hour Factor		0.84		Total Tru	cks, %		7.00
Segment Capacity, veh/h		1700		Demand/Capacity (D/C)		(D/C)	0.08	
Int	ermediate	Results						
Segr	ment Vertical	Class	1		Free-Flo	w Speed,	mi/h	73.3
Spe	ed Slope Coef	ficient	4.60928		Speed Po	ower Coef	ficient	0.41674
PF S	lope Coefficie	nt	-1.23143		PF Powe	r Coefficie	ent	0.71351
In Pa	assing Lane Ef	fective Length?	No		Total Seg	gment De	nsity, veh/mi/ln	0.5
%lm	proved % Fol	lowers	0.0	0.0		% Improved Avg Speed		0.0
Sul	segment	Data						
#	Segment Ty	pe	Length, ft	Rac	lius, ft		Superelevation, %	Average Speed, mi/h
1	Tangent		16168	-			-	72.2
Vel	nicle Resu	lts						
Aver	age Speed, m	ni/h	72.2		Percent I	Followers,	%	25.2
Segment Travel Time, minutes		2.54		Follower	Density,	followers/mi/ln	0.5	
Vehi	cle LOS		А					
Fac	ility Resu	lts						
	т	Follower	Density, followers/	mi/ln			LC	os
	1		0.6		A			





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HCSTM Two-Lane Version 7.9 2039_Section1-5_EB.xuf

	HCS7 Two-Lar	ne Highway R	eport	
Project Information				
Analyst	МВ	Date		9/9/2020
Agency	BHI	Analysis Year		2019
Jurisdiction	NMDOT	Time Period Anal	yzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corric Study - Section 1-5	lor Unit		United States Customary
	Seg	gment 1		
Vehicle Inputs				
Segment Type	Passing Constrained	Length, ft		16168
Lane Width, ft	12	Shoulder Width, 1	ft	6
Speed Limit, mi/h	65	Access Point Den	sity, pts/mi	2.2
Demand and Capacity				
Directional Demand Flow Rate, veh/h	102	Opposing Demar	nd Flow Rate, veh/h	-
Peak Hour Factor	0.84	Total Trucks, %		7.00
Segment Capacity, veh/h	veh/h 1700		y (D/C)	0.06
Intermediate Results	•	·		
Segment Vertical Class	1	Free-Flow Speed,	mi/h	73.3
Speed Slope Coefficient	4.60928	Speed Power Coe	efficient	0.41674
PF Slope Coefficient	-1.23143	PF Power Coeffici	ent	0.71351
In Passing Lane Effective Length?	No	Total Segment De	ensity, 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	5, %	21.5
Segment Travel Time, minutes	2.52	Follower Density,	followers/mi/ln	0.3
Vehicle LOS	A			
	Se	gment 2		
Vehicle Inputs				
Segment Type	Passing Zone	Length, ft		72265
Lane Width, ft	12	Shoulder Width, 1	ft	6
Speed Limit, mi/h	65	Access Point Den	sity, pts/mi	2.2
Demand and Capacity				
Directional Demand Flow Rate, veh/h	102	Opposing Demar	nd Flow Rate, veh/h	87

Peak	Hour Factor	0.84	0.84			7.00
Segr	ment Capacity, veh/h	1700	1700		city (D/C)	0.06
Int	ermediate Results					
Segr	ment Vertical Class	1	1		ed, mi/h	73.3
Spe	ed Slope Coefficient	4.27119		Speed Power C	oefficient	0.58035
PF S	lope Coefficient	-1.10563		PF Power Coeff	icient	0.83122
In Pa	assing Lane Effective Length?	No		Total Segment	Density, veh/mi/ln	0.2
%Improved % Followers 0.0			% Improved Av	g Speed	0.0	
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	3346	-		-	73.2
2	Horizontal Curve	807	193	310	4	73.2
3	Horizontal Curve	369	198	398	3	73.2
4	Tangent	719	-		-	73.2
5	Horizontal Curve	1374	223	881	4	73.2
6	Tangent	35992	-		-	73.2
7	Horizontal Curve	1811	239	986	0	73.2
8	Tangent	17646	-		-	73.2
9	Horizontal Curve	1435	285	52	7	73.2
10	Tangent	2675	-		-	73.2
11	Horizontal Curve	1363	223	323	0	73.2
12	Tangent	310	-		-	73.2
13	Horizontal Curve	1308	216	580	0	73.2
14	Tangent	3109	-		-	73.2
Vel	nicle Results					
Aver	rage Speed, mi/h	73.2		Percent Followers, %		15.3
Segr	ment Travel Time, minutes	11.22		Follower Density, followers/mi/ln		0.2
Vehi	cle LOS	А				
		·	Segn	nent 3		
Vel	nicle Inputs					
	ment Type	Passing Constrai	ned	Length, ft		623
	e Width, ft	12		Shoulder Width	n, ft	6
	ed Limit, mi/h	65		Access Point De		0.0
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Dem	and Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h		1700			city (D/C)	0.10

Seg	ment Vertical Class	1		Free-Flow Speed, mi/h		73.9
Spe	ed Slope Coefficient	4.51231		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.24927		PF Power Coefficie	ent	0.76702
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	623	-		-	72.4
Vel	hicle Results					
Ave	rage Speed, mi/h	72.4		Percent Followers	, %	27.2
Seg	ment Travel Time, minutes	0.10		Follower Density,	followers/mi/ln	0.6
Veh	icle LOS	А				
			Segr	ment 4		
Vel	hicle Inputs					
Seg	•		Length, ft		8859	
Lane	e Width, ft	12	-		t	6
Spe	ed Limit, mi/h	65	65		sity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	95
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.10
Int	ermediate Results					
Seg	ment Vertical Class	1	Free-Flow Speed, mi/h		73.0	
Spe	ed Slope Coefficient	4.24560		Speed Power Coefficient		0.57640
PF S	lope Coefficient	-1.10203		PF Power Coefficient		0.84285
In P	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	7733	-		-	72.1
2	Horizontal Curve	1126	153	310	0	72.1
Vel	hicle Results					
Average Speed, mi/h 72.1		72.1	72.1		, %	21.7
Seg	ment Travel Time, minutes	1.40		Follower Density,	followers/mi/ln	0.5
Veh	icle LOS	A				
			Segr	ment 5		
Vel	hicle Inputs					

	ment Type	-		Length, ft		784
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity					
Directional Demand Flow Rate, veh/h 168			Opposing Deman	d Flow Rate, veh/h	-	
Peak Hour Factor 0.84			Total Trucks, %		7.00	
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Radi	ius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	713	1857	78	0	71.5
2	Tangent	71	-		-	71.5
Vel	nicle Results					
Avei	rage Speed, mi/h	71.5		Percent Followers,	%	27.5
Segi	ment Travel Time, minutes	0.12		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	А				
		S	aam	ent 6		
			egiii			
Vel	nicle Inputs					
	nicle Inputs ment Type	Passing Zone		Length, ft		7218
Segi	•				t	7218 6
Segi	ment Type	Passing Zone		Length, ft		
Segi Lane Spee	ment Type e Width, ft	Passing Zone		Length, ft Shoulder Width, fi		6
Segr Lane Spee	ment Type Width, ft ed Limit, mi/h	Passing Zone		Length, ft Shoulder Width, ft Access Point Dens		6
Segri Lane Spee De	ment Type Width, ft ed Limit, mi/h mand and Capacity	Passing Zone 12 65		Length, ft Shoulder Width, ft Access Point Dens	ity, pts/mi	6 3.6
Segri Lane Spee De Dire	ment Type Width, ft d Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h	Passing Zone 12 65		Length, ft Shoulder Width, ft Access Point Dens Opposing Deman	ity, pts/mi d Flow Rate, veh/h	95
Segri Special Derection Direction Peak	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h thour Factor	Passing Zone 12 65 168 0.84		Length, ft Shoulder Width, ft Access Point Dens Opposing Deman	ity, pts/mi d Flow Rate, veh/h	95 7.00
Segi Lane Spec Dire Peak Segi Int	ment Type Width, ft d Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h t Hour Factor ment Capacity, veh/h	Passing Zone 12 65 168 0.84		Length, ft Shoulder Width, ft Access Point Dens Opposing Deman	d Flow Rate, veh/h	95 7.00
Segri Lane Spec Dire Peak Segri Int	ment Type Width, ft ed Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h thour Factor ment Capacity, veh/h ermediate Results	Passing Zone 12 65 168 0.84 1700		Length, ft Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, % Demand/Capacity	d Flow Rate, veh/h (D/C)	95 7.00 0.10
Segri Lane Speci Dire Peak Segri Int Segri Speci	ment Type Width, ft d Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h C Hour Factor ment Capacity, veh/h ermediate Results ment Vertical Class	Passing Zone 12 65 168 0.84 1700		Length, ft Shoulder Width, ft Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed,	d Flow Rate, veh/h (D/C) mi/h fficient	6 3.6 95 7.00 0.10
Segularia Special Segularia Segulari	ment Type Width, ft ded Limit, mi/h mand and Capacity ctional Demand Flow Rate, veh/h A Hour Factor ment Capacity, veh/h ermediate Results ment Vertical Class ded Slope Coefficient	Passing Zone 12 65 168 0.84 1700 1 4.23262		Length, ft Shoulder Width, ft Access Point Dens Opposing Deman Total Trucks, % Demand/Capacity Free-Flow Speed, Speed Power Coe	d Flow Rate, veh/h (D/C) mi/h fficient	95 7.00 0.10 73.0 0.57640

#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	503	162	271	0	72.1
2	Tangent	51	-		-	72.1
3	Horizontal Curve	769	199	908	0	72.1
4	Tangent	5895	-		-	72.1
Ve	hicle Results					
Ave	rage Speed, mi/h	72.1		Percent Followers	s, %	21.3
Seg	ment Travel Time, minutes	1.14		Follower Density,	, followers/mi/ln	0.5
Veh	icle LOS	А				
			Segn	nent 7		
Ve	hicle Inputs					
Seg	ment Type	Passing Constrai	ined	Length, ft		612
Lan	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Den	nsity, pts/mi	3.6
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	168	168		nd Flow Rate, veh/h	-
Pea	k Hour Factor	0.84	0.84			7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacit	y (D/C)	0.10
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed	, mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	efficient	0.41674
PF S	Slope Coefficient	-1.25946		PF Power Coeffic	ient	0.76501
In P	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%ln	proved % Followers	0.0		% Improved Avg	Speed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	612	-		-	71.5
Ve	hicle Results					
Ave	rage Speed, mi/h	71.5		Percent Followers	s, %	27.5
Seg	ment Travel Time, minutes	0.10		Follower Density,	, followers/mi/ln	0.6
Veh	icle LOS	А				
		•	Segn	nent 8		
Ve	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		4596
	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Den	nsity, pts/mi	3.6
De	mand and Capacity			<u> </u>		•
	1					

Directional Demand Flow Rate, veh/h	168		Onnosing Deman	d Flow Rate, veh/h	95
Peak Hour Factor	0.84		Total Trucks, %	a How Nate, vell/II	7.00
Segment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.10
Intermediate Results	1700		Demand, capacity	(5) (5)	0.10
	T ₄		T = 1 0 1	• 0	72.0
Segment Vertical Class	1		Free-Flow Speed,		73.0
Speed Slope Coefficient				fficient	0.57640
PF Slope Coefficient	-1.10868		PF Power Coefficie		0.85779
In Passing Lane Effective Length?	No		Total Segment De	-	0.5
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	4596	4596 -		-	72.1
Vehicle Results					
Average Speed, mi/h	72.1		Percent Followers,	%	21.3
Segment Travel Time, minutes	0.72	0.72		followers/mi/ln	0.5
Vehicle LOS	А				
		Segn	nent 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 De	nsity, veh/mi/ln	0.6
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
	556 -		- Superelevation, 70		71.5
1 Tangent	556				
	556				
1 Tangent Vehicle Results Average Speed, mi/h	71.5		Percent Followers,	%	27.5

Vehi	icle LOS	А				
		9	Segn	nent 10		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		11722
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.6
De	mand and Capacity					
Directional Demand Flow Rate, veh/h 168		Opposing Deman	d Flow Rate, veh/h	95		
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h 1700		Demand/Capacity	(D/C)	0.10		
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.25783		Speed Power Coe	fficient	0.57640
PF S	lope Coefficient	-1.11089		PF Power Coefficie	ent	0.82911
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%Improved % Followers 0.0			% Improved Avg Speed		0.0	
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11722	-		-	72.1
Vel	hicle Results					
Aver	rage Speed, mi/h	72.1		Percent Followers,	, %	22.4
Segi	ment Travel Time, minutes	1.85		Follower Density, followers/mi/ln		0.5
Vehi	icle LOS	А				
		9	Segn	nent 11		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained	l	Length, ft		572
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity			·		
Dire	ctional Demand Flow Rate, veh/h	168		Opposing Deman	d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	572	-		-	71.5
Vel	nicle Results		·			·
Aver	age Speed, mi/h	71.5		Percent Followers	, %	27.5
Segr	nent Travel Time, minutes	0.09		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	A				
			Segm	nent 12		
Veł	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		25390
Lane	Width, ft			Shoulder Width, f	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.6
Dei	mand and Capacity					
Directional Demand Flow Rate, veh/h 168		Opposing Deman	d Flow Rate, veh/h	95		
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.10
Into	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spee	ed Slope Coefficient	4.25729		Speed Power Coe	fficient	0.57640
PF S	lope Coefficient	-1.11096		PF Power Coefficient		0.82908
In Pa	ssing Lane Effective Length?	No	No Total S		nsity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25148	-		-	72.1
2	Horizontal Curve	242	625	50	4	72.1
Vel	nicle Results					
Aver	age Speed, mi/h	72.1		Percent Followers	, %	22.4
Segr	ment Travel Time, minutes	4.00		Follower Density,	followers/mi/ln	0.5
Vehi	cle LOS	A				
			Segm	nent 13		
Veł	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		1304
	Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.6

D 1 10 1					
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	1700		/ (D/C)	0.10
Intermediate Results					
Segment Vertical Class 1		Free-Flow Speed,	mi/h	73.0	
Speed Slope Coefficient	4.46353		Speed Power Coe	fficient	0.41674
PF Slope Coefficient	-1.25957		PF Power Coefficion	ent	0.76499
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%Improved % Followers	0.0		% Improved Avg :	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Length, ft Radiu		Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	427	63!	50	4	71.5
2 Tangent	877	-		-	71.5
Vehicle Results					
Average Speed, mi/h 71.5		Percent Followers	, %	27.5	
Segment Travel Time, minutes			Follower Density,	followers/mi/ln	0.6
Vehicle LOS	А	А			
		Segn	nent 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			<u>'</u>		·
Segment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Speed Slope Coefficient	4.18302		Speed Power Coe		0.57640
PF Slope Coefficient	-1.14172		PF Power Coeffici		0.84558
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%Improved % Followers 0.0		% Improved Avg	0.0		
Subsegment Data					•
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	608	-		-	72.1
2 Horizontal Curve	1924	658		5	72.1

Vehicle Results					
Average Speed, mi/h	72.1		Percent Followers, 9	6	22.3
Segment Travel Time, minutes	0.40		Follower Density, followers/mi/ln		0.5
Vehicle LOS	А				
		Segm	ent 15		
Vehicle Inputs					
Segment Type	Passing Constrai	ined	Length, ft		1543
Lane Width, ft	12		Shoulder Width, ft		6
Speed Limit, mi/h 65		Access Point Densit	y, 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 (I	D/C)	0.07
Intermediate Results					
Segment Vertical Class	1	1		Free-Flow Speed, mi/h	
Speed Slope Coefficient	4.49345	4.49345		cient	0.41674
PF Slope Coefficient	-1.24274		PF Power Coefficien	t	0.77097
In Passing Lane Effective Length?	No		Total Segment Dens	sity, veh/mi/ln	0.4
%Improved % Followers	0.0		% Improved Avg Sp	eed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	dius, 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	А				
		Segm	ent 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	y, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	121		Opposing Demand	Flow Rate, veh/h	107
		Total Trucks, %		7.00	
Peak Hour Factor	Peak Hour Factor 0.84 Segment Capacity, veh/h 1700		Total Tracits, 70		

Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.5
Spe	ed Slope Coefficient	4.28985		Speed Power Coefficient		0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficie	ent	0.82887
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent 17566 -			-	73.0	
Vel	nicle Results					
Avei	age Speed, mi/h	73.0		Percent Followers	, %	17.6
Segi	ment Travel Time, minutes	2.74		Follower Density,	followers/mi/In	0.3
Vehi	cle LOS	А				
		•	Segn	nent 17		
Vel	nicle Inputs					
Segment Type		Passing Constrain	Passing Constrained		Length, ft	
Lane	Width, ft	12		Shoulder Width, f	Shoulder Width, ft	
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	Free-Flow Speed, mi/h	
Spe	ed Slope Coefficient	4.50363		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.21971		PF Power Coefficient		0.78070
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	547	_ -		-	72.5
2	Horizontal Curve	838	56	00	4	72.5
3	Tangent	730	-		-	72.5
Vel	nicle Results					
	age Speed, mi/h	72.5		Percent Followers	, %	21.0
Avei		0.33		Follower Density, followers/mi/ln		0.4
	ment Travel Time, minutes	0.55				1

v 1 1 1 .					
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		15397
Lane Width, ft	12		Shoulder Width,	ft	6
Speed Limit, mi/h	65		Access Point Der	nsity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	121		Opposing Dema	nd Flow Rate, veh/h	107
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capacit	ty (D/C)	0.07
Intermediate Results					
Segment Vertical Class	1		Free-Flow Speed	l, mi/h	73.5
Speed Slope Coefficient	4.28985		Speed Power Co	efficient	0.57111
PF Slope Coefficient	-1.11150		PF Power Coeffic	ient	0.82887
In Passing Lane Effective Length?	No		Total Segment D	ensity, veh/mi/ln	0.3
%Improved % Followers 0.0		% Improved Avg	Speed	0.0	
Subsegment Data					<u>'</u>
# 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 Follower	rs, %	17.6
Segment Travel Time, minutes	2.40		Follower Density	, followers/mi/ln	0.3
Vehicle LOS	А				
		Seg	ment 19		
Vehicle Inputs					
Segment Type	Passing Constrai	ned	Length, ft		1170
Lane Width, ft	12		Shoulder Width,	ft	6
Speed Limit, mi/h	65		Access Point Der		1.7
Demand and Capacity				7.1 ·	
Directional Demand Flow Rate, veh/h	121		Opposing Dema	nd Flow Rate, veh/h	
Peak Hour Factor	0.84		Total Trucks, %	,	7.00
Segment Capacity, veh/h	1700		Demand/Capacit	ty (D/C)	0.07
Intermediate Results				,	-
Segment Vertical Class	1		Free-Flow Speed	l, mi/h	73.5
Speed Slope Coefficient	4.48995		Speed Power Co		0.41674
PF Slope Coefficient	-1.25400		PF Power Coeffic		0.76609
In Passing Lane Effective Length?	No		Total Segment D	ensity, veh/mi/ln	0.4
%Improved % Followers	0.0		% Improved Avg		0.0
Subsegment Data	<u> </u>		<u>'</u>		•

#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1170	-		-	72.5
Vel	nicle Results		•			
Avei	rage Speed, mi/h	72.5		Percent Followers	5, %	22.1
Segi	ment Travel Time, minutes	0.18		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	Α				
			Segn	nent 20		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		32688
Lane	e Width, ft	12		Shoulder Width, f	ft	6
Spe	ed Limit, mi/h	65		Access Point Den	sity, pts/mi	1.7
De	mand and Capacity					
Dire	Directional Demand Flow Rate, veh/h 121		Opposing Deman	nd Flow Rate, veh/h	107	
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.28985	4.28985		efficient	0.57111
PF S	lope Coefficient	-1.11150	-1.11150		ent	0.82887
In Pa	assing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	bsegment Data	•				
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	26848	-		-	73.0
2	Horizontal Curve	222	999	999	0	73.0
3	Tangent	5618	-		-	73.0
Vel	nicle Results		•			
Avei	rage Speed, mi/h	73.0		Percent Followers, %		17.6
Segi	ment Travel Time, minutes	5.09		Follower Density,	Follower Density, followers/mi/ln	
Vehi	cle LOS	A				
			Segn	nent 21		
Vel	nicle Inputs					
	ment Type	Passing Constrai	ned	Length, ft		834
Lane	e Width, ft	12		Shoulder Width, f	ft	6
Spe	ed Limit, mi/h	65		Access Point Den	sity, pts/mi	1.7
De	mand and Capacity					•
	ctional Demand Flow Rate, veh/h	121		Opposing Deman	nd Flow Rate, veh/h	-
5				- - - - - - - - - -		

Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h 1700		Demand/Capacity	, (D/C)	0.07	
Int	ermediate Results	<u> </u>		<u>'</u>		<u>'</u>
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	834	-		-	72.5
Vel	nicle Results				•	
Avei	rage Speed, mi/h	72.5		Percent Followers	, %	22.1
Segi	ment Travel Time, minutes	0.13		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	А				
			Segm	ent 22		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		4364
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peal	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.23788		Speed Power Coefficient		0.57111
PF S	lope Coefficient	-1.11152		PF Power Coefficie	ent	0.85711
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4364	-		-	73.0
Vel	nicle Results					
Avei	rage Speed, mi/h	73.0		Percent Followers	, %	16.7
Segi	ment Travel Time, minutes	0.68		Follower Density,	followers/mi/ln	0.3
Vehi	cle LOS	А				

			Segn	nent 23		
Veł	nicle Inputs					
Segr	ment Type	Passing Constr	rained	Length, ft		954
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	Segment Capacity, veh/h 1700		Demand/Capacity	/ (D/C)	0.07	
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coeffici	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	954	-		-	72.5
Vel	nicle Results					
Aver	rage Speed, mi/h	72.5		Percent Followers	, %	22.1
Segr	ment Travel Time, minutes	0.15		Follower Density, followers/mi/ln		0.4
Vehi	cle LOS	А				
			Segn	nent 24		
Veł	nicle Inputs					
Sear	ment Type	Passing Zone		Length, ft		9999
	e Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Dens		1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.07
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	ed Slope Coefficient	4.28593		Speed Power Coe		0.57111
-	lope Coefficient	-1.10806		PF Power Coeffici		0.83373
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0

Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9999	999 -		-	73.0
Vel	nicle Results					
Aver	rage Speed, mi/h	73.0		Percent Followe	ers, %	17.4
Segi	ment Travel Time, minutes	1.56		Follower Densi	ty, followers/mi/ln	0.3
Vehi	cle LOS	A				
			Segm	nent 25		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrai	ned	Length, ft		728
Lane	e Width, ft	12		Shoulder Width	h, ft	6
Speed Limit, mi/h 65		65		Access Point De	ensity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Dem	nand Flow Rate, veh/h	-
Peak	: Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Spee	ed, mi/h	73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficient		0.76609
In Pa	assing Lane Effective Length?	No	Total Segment Density, veh/mi/ln		Density, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	302	-		-	72.5
2	Horizontal Curve	426	999	999	0	72.5
Vel	nicle Results					
Aver	age Speed, mi/h	72.5		Percent Followe	ers, %	22.1
Segi	ment Travel Time, minutes	0.11		Follower Densi	ty, followers/mi/ln	0.4
Vehi	cle LOS	А				
			Segn	nent 26		
Vel	nicle Inputs					
		Passing Zone		Length, ft		10722
Segi	Segment Type Passing Zone Lane Width, ft 12			Shoulder Width, ft		6
	e Width, ft	Speed Limit, mi/h 65		Access Point Density, pts/mi		

D'	of and December 19 Date of the	121		0	d Ela Data ala da	107
	ctional Demand Flow Rate, veh/h			Opposing Demand Flow Rate, veh/h		
	Chour Factor	0.84		Total Trucks, %		7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.28985		Speed Power Coe	fficient	0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficie	ent	0.82887
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	266	999	999	0	73.0
2	Tangent	10456	-		-	73.0
Vel	hicle Results					
Ave	rage Speed, mi/h	73.0		Percent Followers,	, %	17.6
Seg	ment Travel Time, minutes	1.67		Follower Density, followers/mi/ln		0.3
Vehi	icle LOS	A				
			Segn	nent 27		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrai	ned	Length, ft		491
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Demand Flow Rate, veh/h		-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	491	-		-	72.5
Vel	hicle Results					
Ave	rage Speed, mi/h	72.5		Percent Followers,	, %	22.1
Average Speed, IIII/II			72.5 Percent Follower			

Sean	nent Travel Time, minutes	0.08	F	Follower Density, f	followers/mi/ln	0.4
_	cle LOS	Α	<u>'</u>	The state of the s	2	
			ame	ent 28		
Veh	nicle Inputs	J C	<i>g.</i> c			
		Dessing Zene	Ι,	anoth ft		30700
	nent Type Width, ft	Passing Zone		Length, ft Shoulder Width, ft		6
	ed Limit, mi/h	65		Access Point Dens		1.7
	mand and Capacity	03	'	Teeess I offic Delis	ity, pt3/1111	1
		121	-	Oi D	d Flann Data make //a	107
	ctional Demand Flow Rate, veh/h	121		Jpposing Demand Fotal Trucks, %	d Flow Rate, veh/h	7.00
	eak Hour Factor 0.84			Demand/Capacity	(D/C)	0.07
	nent Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Inte	ermediate Results					
Segn	nent Vertical Class	1	F	Free-Flow Speed,	mi/h	73.5
Spee	d Slope Coefficient	4.28985	S	Speed Power Coef	ficient	0.57111
PF SI	ope Coefficient	-1.11150	F	PF Power Coefficient		0.82887
In Pa	ssing Lane Effective Length?	No	Т	Total Segment Density, veh/mi/ln		0.3
%lm _l	proved % Followers	0.0		% Improved Avg S	peed	0.0
Sub	segment Data					
#	Segment Type	Length, ft	Radiu	ıs, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	30700	-		-	73.0
Veh	nicle Results					
Avera	age Speed, mi/h	73.0	F	Percent Followers,	%	17.6
Segn	nent Travel Time, minutes	4.78	F	Follower Density, followers/mi/ln		0.3
Vehic	cle LOS	А				
		Se	gme	nt 29		
Veh	nicle Inputs					
-			Length ft			
Segn	nent Type	Passing Constrained	L	Length, ft		925
	nent Type Width, ft	Passing Constrained 12		Length, ft Shoulder Width, ft		925
Lane	•	-	S			
Lane Spee	Width, ft	12	S	Shoulder Width, ft		6
Lane Spee	Width, ft d Limit, mi/h	12	S	Shoulder Width, ft Access Point Dens		6
Spee Der Direct	Width, ft d Limit, mi/h mand and Capacity	12 65	S A	Shoulder Width, ft Access Point Dens	ity, pts/mi	1.7
Lane Spee Der Direct Peak	Width, ft Ind Limit, mi/h The mand and Capacity Capac	12 65	S	Shoulder Width, ft Access Point Dens Opposing Demand	d Flow Rate, veh/h	6 1.7
Der Direct Peak Segm	Width, ft Ind Limit, mi/h The mand and Capacity Indicational Demand Flow Rate, veh/h Hour Factor	12 65 121 0.84	S	Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, %	d Flow Rate, veh/h	6 1.7 - 7.00
Lane Spee Der Direct Peak Segn Inte	Width, ft Ind Limit, mi/h Ind Limit, m	12 65 121 0.84	S A A C T C C C C C C C C	Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, %	d Flow Rate, veh/h	6 1.7 - 7.00
Lane Spee Der Direct Peak Segm Inte	Width, ft Ind Limit, mi/h Ind Limit, m	12 65 121 0.84 1700	S F F S S S S S S S	Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, % Demand/Capacity	d Flow Rate, veh/h (D/C)	6 1.7 - 7.00 0.07

In Passing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, 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				
		Segm	ent 30		
Vehicle Inputs					
Segment Type	Passing Zone	Passing Zone			2924
Lane Width, ft	12	12		t	6
Speed Limit, mi/h	65	65		sity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	121		Opposing Deman	d 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	Rac	dius, 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				
	,	Segm	ent 31		
Vehicle Inputs					
			1 0 6		797
Segment Type	Passing Constrai	Passing Constrained			1,3,
Segment Type Lane Width, ft	Passing Constrai	ned	Length, ft Shoulder Width, f	t	6

Demand and Capacity					
Directional Demand Flow Rate, veh/h	121		Onnosing Deman	d Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %	Tariow Nate, veniin	7.00
Segment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.07
	1700		Demand, capacity	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.07
Intermediate Results					
Segment Vertical Class	1		Free-Flow Speed,		73.5
Speed Slope Coefficient	4.48995		Speed Power Coe		0.41674
PF Slope Coefficient	-1.25400		PF Power Coefficie		0.76609
In Passing Lane Effective Length?	No		Total Segment De		0.4
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	797 -			-	72.5
Vehicle Results					
Average Speed, mi/h	72.5	72.5		, %	22.1
Segment Travel Time, minutes	0.12		Follower Density,	followers/mi/ln	0.4
Vehicle LOS	А				
		Seam	nent 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 Coe		0.57111
PF Slope Coefficient	-1.14915		PF Power Coefficie		0.84219
In Passing Lane Effective Length?	No		Total Segment De		0.3
%Improved % Followers	0.0		% Improved Avg S		0.0
	1				1
Subsegment Data					
	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h 73.0
	-	-	dius, ft	Superelevation, % - 3	

73.0		Percent Followers,	, %	17.7
0.36		Follower Density,	followers/mi/ln	0.3
А				
	Segm	ent 33		·
Passing Constrain	ned	Length, ft		716
12		Shoulder Width, ft	t	6
65		Access Point Dens	sity, pts/mi	1.7
121		Opposing Deman	d Flow Rate, veh/h	-
Peak Hour Factor 0.84		Total Trucks, %		7.00
Segment Capacity, veh/h 1700		Demand/Capacity	(D/C)	0.07
1		Free-Flow Speed, mi/h		73.5
4.48995	4.48995		fficient	0.41674
-1.25400		PF Power Coefficie	ent	0.76609
No		Total Segment De	nsity, veh/mi/ln	0.4
0.0		% Improved Avg S	Speed	0.0
Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
716	-		-	72.5
72.5		Percent Followers, %		22.1
0.11		Follower Density, followers/mi/ln		0.4
А				
	Segm	ent 34		
Passing Zone		Length, ft		5695
12		Shoulder Width, ft	t	6
65		Access Point Dens	sity, pts/mi	1.7
121		Opposing Deman	d Flow Rate, veh/h	107
0.84		Total Trucks, %		7.00
1 ***				
	0.36 A Passing Constrain 12 65 121 0.84 1700 1 4.48995 -1.25400 No 0.0 Length, ft 716 72.5 0.11 A Passing Zone 12 65	O.36	Passing Constrained Length, ft 12 Shoulder Width, ft 65 Access Point Dens 121 Opposing Deman 0.84 Total Trucks, % 1700 Demand/Capacity 1 Free-Flow Speed, 4.48995 Speed Power Coe -1.25400 PF Power Coefficie No Total Segment De 0.0 % Improved Avg S Length, ft Radius, ft 716 - 72.5 Percent Followers, 0.11 Follower Density, A Segment 34 Passing Zone Length, ft 12 Shoulder Width, ft 5 Shoulder Width, ft 15 Shoulder Width, ft 16 Shoulder Width, ft 17 Shoulder Width, ft 18 Segment 34	D.36 Passing Constrained Length, ft

				1		1
			Free-Flow Speed, mi/h		73.5	
	d Slope Coefficient	4.25119		Speed Power Coefficient		0.57111
	ope Coefficient	-1.10213		PF Power Coefficie		0.85739
	ssing Lane Effective Length?	No		Total Segment De	<u> </u>	0.3
%lm	proved % Followers	0.0		% Improved Avg S	speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5695	1-		-	73.0
Vel	nicle Results					
Aver	age Speed, mi/h	73.0		Percent Followers,	%	16.5
Segr	segment Travel Time, minutes 0.89		Follower Density,	followers/mi/ln	0.3	
Vehi	cle LOS	A		İ		
		S	egm	ent 35		
Veh	nicle Inputs					
Segr	nent Type	Passing Constrained		Length, ft		1439
	Width, ft	12		Shoulder Width, ft		6
	d Limit, mi/h	65		Access Point Density, pts/mi		1.7
	mand and Capacity					
	ctional Demand Flow Rate, veh/h	121		Opposing Demand	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	nent Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Inte	ermediate Results			·		
Segr	nent Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spee	d Slope Coefficient	4.49222		Speed Power Coefficient		0.41674
PF SI	ope Coefficient	-1.24770		PF Power Coefficient		0.76881
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	segment Data			<u> </u>		
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1439	-		-	72.5
Vel	icle Results					•
Aver	age Speed, mi/h	72.5		Percent Followers,	%	21.9
	nent Travel Time, minutes	0.23		Follower Density,	followers/mi/ln	0.4
	cle LOS	A				
		S	egm	ent 36		
Vel	nicle Inputs					
Vehicle Inputs		Length, ft				

Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity	<u>'</u>				
Dire	ectional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.07
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.23956		Speed Power Coe	fficient	0.57111
PF S	PF Slope Coefficient -1.10997		PF Power Coeffici	ent	0.85743	
In P	In Passing Lane Effective Length?		Total Segment De	ensity, veh/mi/ln	0.3	
%lm	%Improved % Followers 0.0		% Improved Avg	Speed	0.0	
Su	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4523	-		-	73.0
Ve	hicle Results					<u>'</u>
Ave	rage Speed, mi/h	73.0		Percent Followers	, %	16.6
Seg	ment Travel Time, minutes	0.70		Follower Density,	followers/mi/ln	0.3
Veh	icle LOS	А				
			Segn	nent 37		
Ve	hicle Inputs					
	ment Type	Passing Constrai	ned	Length, ft		945
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	-
_	k Hour Factor	0.84		Total Trucks, %		7.00
Peal		0.84		Total Hacks, 70		
	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.07
Seg	ment Capacity, veh/h	1700			r (D/C)	0.07
Seg	<u> </u>	1700				73.5
Seg Int Seg	ermediate Results			Demand/Capacity	mi/h	
Segr Int Segr Spec	ment Vertical Class	1		Demand/Capacity Free-Flow Speed,	mi/h fficient	73.5
Segr Spec PF S	ment Vertical Class ed Slope Coefficient	1 4.48995		Demand/Capacity Free-Flow Speed, Speed Power Coe	mi/h fficient ent	73.5 0.41674
Segr Spec PF S In Pa	ment Vertical Class ed Slope Coefficient Slope Coefficient	1 4.48995 -1.25400		Free-Flow Speed, Speed Power Coe PF Power Coefficie	mi/h fficient ent ensity, veh/mi/ln	73.5 0.41674 0.76609
Segration Segration Property Seg	ment Vertical Class ed Slope Coefficient Slope Coefficient assing Lane Effective Length?	1 4.48995 -1.25400 No		Free-Flow Speed, Speed Power Coe PF Power Coefficie Total Segment De	mi/h fficient ent ensity, veh/mi/ln	73.5 0.41674 0.76609 0.4
Segration Segration Special Sp	ment Vertical Class ed Slope Coefficient Slope Coefficient assing Lane Effective Length? proved % Followers	1 4.48995 -1.25400 No	Ra	Free-Flow Speed, Speed Power Coe PF Power Coefficie Total Segment De	mi/h fficient ent ensity, veh/mi/ln	73.5 0.41674 0.76609 0.4

Vel	nicle Results					
Avei	rage Speed, mi/h	72.5		Percent Followers,	. %	22.1
Segi	ment Travel Time, minutes	0.15		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	А				
			Segm	ent 38		·
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		16186
Lane	e Width, ft	12	12		t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity	•				
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07
Int	ermediate Results					
Segi	ment Vertical Class	1	1		mi/h	73.5
Spe	ed Slope Coefficient	4.28985	4.28985		fficient	0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficient		0.82887
In Pa	assing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.3
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16186	-		-	73.0
Vel	nicle Results					
Avei	rage Speed, mi/h	73.0		Percent Followers,	. %	17.6
Segi	ment Travel Time, minutes	2.52		Follower Density, followers/mi/ln		0.3
Vehi	cle LOS	Α				
			Segm	ent 39		•
Vel	nicle Inputs					
Segi	ment Type	Passing Constrain	ned	Length, ft		510
	e Width, ft	12		Shoulder Width, ft	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	-
		0.84		Total Trucks, %		7.00
Peak			Demand/Capacity (D/C)			
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.07

	ment Vertical Class	-		Free-Flow Speed,		73.5
	ed Slope Coefficient			Speed Power Coe		0.41674
PF S	lope Coefficient	-1.25400		PF Power Coeffici	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.4
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Length, ft Radi		Superelevation, %	Average Speed, mi/h
1	Tangent	510	-		-	72.5
Vel	nicle Results					
Aver	rage Speed, mi/h	72.5		Percent Followers	, %	22.1
Segr	ment Travel Time, minutes	0.08		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	А				
		•	Segr	nent 40		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		12509
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	121		Opposing Deman	d Flow Rate, veh/h	107
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.07
Int	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.28985		Speed Power Coefficient		0.57111
PF S	lope Coefficient	-1.11150		PF Power Coefficient		0.82887
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.3
%lm	proved % Followers	0.0		% Improved Avg	% Improved Avg Speed	
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	adius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6659	-		-	73.0
2	Horizontal Curve	733	23	3342	0	73.0
3	Tangent	5117			-	73.0
Vel	nicle Results					
	rage Speed, mi/h	73.0		Percent Followers	, %	17.6
Aver		1.95		Follower Density, followers/mi/ln		0.3
	ment Travel Time, minutes	1.55				

Vehicle Inputs					
Segment Type	Passing Constrai	ned	Length, ft		745
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	121	121		d Flow Rate, veh/h	-
Peak Hour Factor	0.84	0.84			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 Coe	fficient	0.41674
PF Slope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					•
# Segment Type	Length, ft	R	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/In	0.4
Vehicle LOS	А				
		Seg	ment 42		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		2885
Lane Width, ft	12		Shoulder Width, fi	t	6
Speed Limit, mi/h	65		Access Point Dens		0.0
Demand and Capacity				· ·	'
Directional Demand Flow Rate, veh/h	121		Opposing Deman	d 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 Coe		0.57111
PF Slope Coefficient	-1.13101		PF Power Coefficie	ent	0.85017
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.3
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data	·				•

#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2885	-		-	73.4
Veł	nicle Results					
Average Speed, mi/h 73.4 Percent Follow					5, %	17.2
Segr	ment Travel Time, minutes	0.45		Follower Density,	followers/mi/ln	0.3
Vehi	cle LOS	А				
			Segn	nent 43		
Veł	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		2460
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spee	ed Limit, mi/h	65		Access Point Den	sity, pts/mi	3.1
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Demar	nd Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacit	y (D/C)	0.10
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed, mi/h		73.1
Spee	ed Slope Coefficient	4.48909		Speed Power Coe	efficient	0.41674
PF S	lope Coefficient	-1.21306		PF Power Coeffic	ient	0.78411
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.7
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2460	-		-	71.6
Vel	nicle Results					
Aver	rage Speed, mi/h	71.6		Percent Followers	5, %	26.7
Segr	ment Travel Time, minutes	0.39		Follower Density, followers/mi/ln		0.7
Vehi	cle LOS	А				
			Segn	nent 44		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		809
	e Width, ft	12		Shoulder Width,	ft	6
	ed Limit, mi/h	65		Access Point Den		3.1
	mand and Capacity	<u>'</u>		<u> </u>		
	ctional Demand Flow Rate, veh/h	176		Opposing Demar	nd Flow Rate, veh/h	157
	Hour Factor	0.84		Total Trucks, %		7.00
		+		Total Trucks, % Demand/Capacity (D/C)		

	ermediate Results					
Segment Vertical Class 1		1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.19837		Speed Power Coef	ficient	0.55232
PF S	Slope Coefficient	-1.20428		PF Power Coefficie	ent	0.81803
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	nproved % Followers	0.0		% Improved Avg S	peed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Length, ft Radi		Superelevation, %	Average Speed, mi/h
1	Tangent	809	-		-	72.1
Vel	hicle Results					
Ave	rage Speed, mi/h	72.1		Percent Followers,	%	25.2
Seg	ment Travel Time, minutes	0.13		Follower Density, 1	followers/mi/ln	0.6
Vehi	icle LOS	А				
			Segi	ment 45		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		961
Lane	e Width, ft	12		Shoulder Width, ft	:	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					•
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Demand	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
		1				
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ment Vertical Class ed Slope Coefficient	4.46990		Speed Power Coef		73.1 0.41674
Spe				·	ficient	
Spe	ed Slope Coefficient	4.46990		Speed Power Coef	ficient	0.41674
Spec PF S In Pa	ed Slope Coefficient Slope Coefficient	4.46990 -1.25823		Speed Power Coefficie	ficient ent nsity, veh/mi/ln	0.41674 0.76525
Spee PF S In Pa	ed Slope Coefficient Slope Coefficient assing Lane Effective Length?	4.46990 -1.25823 No		Speed Power Coefficient Total Segment Den	ficient ent nsity, veh/mi/ln	0.41674 0.76525 0.7
Spee PF S In Pa	ed Slope Coefficient Slope Coefficient assing Lane Effective Length? approved % Followers	4.46990 -1.25823 No	R	Speed Power Coefficient Total Segment Den	ficient ent nsity, veh/mi/ln	0.41674 0.76525 0.7
Spee PF S In Pa %Im	ed Slope Coefficient Slope Coefficient assing Lane Effective Length? proved % Followers bsegment Data	4.46990 -1.25823 No 0.0	R.	Speed Power Coefficient Total Segment Delaws Improved Avg S	ficient ent nsity, veh/mi/ln speed	0.41674 0.76525 0.7 0.0
Spee PF S In Pa %Im Sul #	ed Slope Coefficient Slope Coefficient assing Lane Effective Length? proved % Followers bsegment Data Segment Type	4.46990 -1.25823 No 0.0	R.	Speed Power Coefficient Total Segment Delaws Improved Avg S	ficient ent nsity, veh/mi/ln speed	0.41674 0.76525 0.7 0.0 Average Speed, mi/h
Spee PF S In Pa %Imm Sul # 1	ed Slope Coefficient Slope Coefficient assing Lane Effective Length? proved % Followers bsegment Data Segment Type Tangent	4.46990 -1.25823 No 0.0	R.	Speed Power Coefficient Total Segment Delaws Improved Avg S	ficient ent ent sity, veh/mi/ln speed Superelevation, %	0.41674 0.76525 0.7 0.0 Average Speed, mi/h
Spee PF S In Pa %Im # 1 Vel Aver	ed Slope Coefficient Slope Coefficient assing Lane Effective Length? Approved % Followers bsegment Data Segment Type Tangent hicle Results	4.46990 -1.25823 No 0.0 Length, ft	R -	Speed Power Coefficient Total Segment Demonstrate % Improved Avg States adius, ft	ficient ent ent sity, veh/mi/ln speed Superelevation, % -	0.41674 0.76525 0.7 0.0 Average Speed, mi/h 71.6

Vel	nicle Inputs					
	ment Type	Passing Zone		Length, ft		4374
	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h			Access Point Dens	sity, pts/mi	3.1
De	mand and Capacity	1				1
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Deman	d Flow Rate, veh/h	157
	Hour Factor	0.84		Total Trucks, %		7.00
	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.10
Int	ermediate Results	<u> </u>				1
Sea	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ed Slope Coefficient	4.24058		Speed Power Coe		0.55232
-	lope Coefficient	-1.12788		PF Power Coefficie		0.85042
	assing Lane Effective Length?	No		Total Segment De		0.6
	proved % Followers	0.0		% Improved Avg S		0.0
	bsegment Data			, , , , , , , , , , , , , , , , , , ,		
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1718	-		-	72.1
2	Horizontal Curve	1345	579	 99	4	72.1
3	Tangent	1311	-		-	72.1
Vel	nicle Results					
Ave	rage Speed, mi/h	72.1		Percent Followers	 . %	22.7
	ment Travel Time, minutes	0.69		Follower Density, followers/mi/ln		0.6
	cle LOS	A		,		
			Segn	nent 47		•
Vel	nicle Inputs					
	ment Type	Passing Constrain	nod	Longth ft		2768
	e Width, ft	12	ieu	Length, ft		6
	ed Limit, mi/h	65		Shoulder Width, ft Access Point Density, pts/mi		3.1
	mand and Capacity	103		Access Follit Dells	orty, profilli	J1
		176		Onnosina Damara	d Flow Pata wah /h	
	ctional Demand Flow Rate, veh/h	176			d Flow Rate, veh/h	700
	C Hour Factor	0.84		Total Trucks, %		7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
	ermediate Results					1
	ment Vertical Class	4		Free-Flow Speed,		69.7
-	ed Slope Coefficient	11.73869		Speed Power Coe		0.66575
	lope Coefficient	-1.55938		PF Power Coefficie		0.71014
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0

%lm	proved % Followers	0.0	0.0		g Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2768	-		-	67.6
Vel	nicle Results					
Aver	rage Speed, mi/h	67.6		Percent Follow	ers, %	36.5
Segr	ment Travel Time, minutes	0.47		Follower Densi	ty, followers/mi/ln	1.0
Vehi	cle LOS	А				
			Segm	ent 48		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		11631
Lane	e Width, ft	12		Shoulder Width	n, ft	6
Spe	ed Limit, mi/h	65		Access Point De	ensity, pts/mi	3.1
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Demand Flow Rate, veh/h		157
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capac	city (D/C)	0.10
Int	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed, mi/h		73.1
Spe	ed Slope Coefficient	4.29244		Speed Power Coefficient		0.55232
PF S	lope Coefficient	-1.12788		PF Power Coefficient		0.82217
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	10719	-		-	72.0
2	Horizontal Curve	912	572	1	4	72.0
Vel	nicle Results					
Aver	rage Speed, mi/h	72.0		Percent Followers, %		23.7
Segr	ment Travel Time, minutes	1.83		Follower Density, followers/mi/ln		0.6
Vehi	cle LOS	А				
			Segm	ent 49		
Vel	nicle Inputs					
Segr	ment Type	Passing Constrain	ed	Length, ft		1328
	e Width, ft	12		Shoulder Width	n, ft	6
Spee	ed Limit, mi/h	65		Access Point De	ensity, pts/mi	3.1

Demand and Courselts					
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	1		mi/h	73.1
Speed Slope Coefficient	4.47005		Speed Power Coe	fficient	0.41674
PF Slope Coefficient	-1.25779		PF Power Coeffici	ent	0.76544
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.7
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	943	572	21	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	А	А			
	·	Segn	nent 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 Coe	fficient	0.55232
PF Slope Coefficient	-1.14297		PF Power Coeffici	ent	0.84572
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	2235	-		-	72.1
2 Horizontal Curve	1048	580)4	4	72.1

Vehicle Results			1		laa.
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				
		Segm	ent 51		
Vehicle Inputs					
Segment Type	Passing Constrair	ned	Length, ft		448
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
Demand and Capacity					
Directional Demand Flow Rate, veh/h	176		Opposing Deman	d 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	4.46990		fficient	0.41674
PF Slope Coefficient	-1.25823	-1.25823		ent	0.76525
In Passing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.7
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	448	580)4	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	А				
		Segm	ent 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 Dens	sity, pts/mi	3.1
Demand and Capacity					
Directional Demand Flow Rate, veh/h	176		Opposing Deman	d Flow Rate, veh/h	157
		Total Trucks, %		7.00	
Peak Hour Factor	0.04		Demand/Capacity (D/C)		

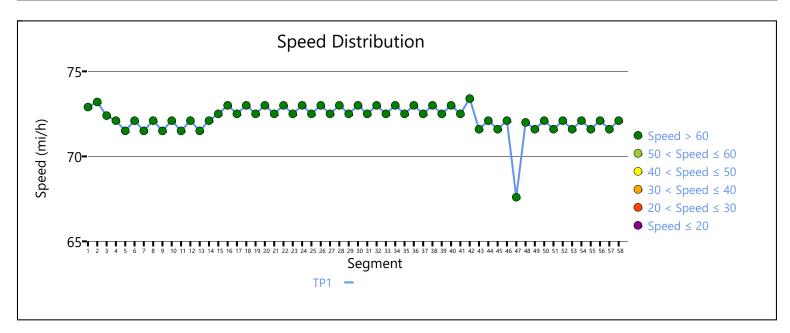
Segi			Free-Flow Speed, mi/h		73.1	
Spe	ed Slope Coefficient	4.21322		Speed Power Coefficient		0.55232
PF S	lope Coefficient	-1.16893	-1.16893		ficient	0.83466
In Pa	assing Lane Effective Length?	No		Total Segment	Density, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved A	/g Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	173	580)4	4	72.1
2	Tangent	2019	-		-	72.1
Vel	nicle Results					
Aver	rage Speed, mi/h	72.1		Percent Follow	ers, %	24.0
Segi	ment Travel Time, minutes	0.35		Follower Dens	ty, followers/mi/ln	0.6
Vehi	cle LOS	A				
			Segm	ent 53		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		498
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.1
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	176		Opposing Den	-	
Peak	c Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.10
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.1
Spe	ed Slope Coefficient	4.46990	4.46990		Coefficient	0.41674
PF S	lope Coefficient	-1.25823		PF Power Coefficient		0.76525
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.7
%lm	proved % Followers	0.0		% Improved A	/g Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-		-	71.6
Vel	nicle Results		1			
Aver	rage Speed, mi/h	71.6		Percent Follow	ers, %	28.3
Segi	ment Travel Time, minutes	0.08		Follower Dens	ty, followers/mi/ln	0.7
Vehi	cle LOS	A				
		•	Segm	ent 54		
Vel	nicle Inputs					

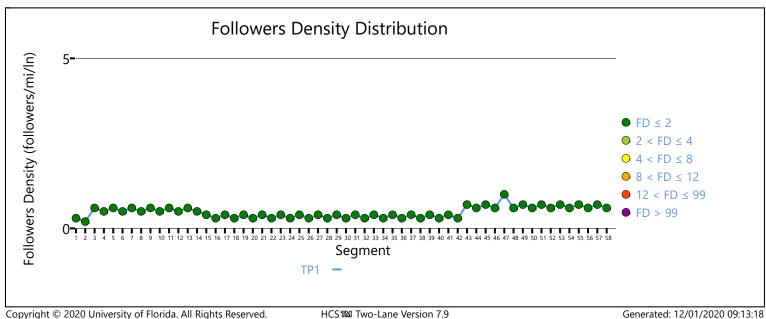
Seg	ment Type	Passing Zone		Length, ft		2438
Lan	e Width, ft	12	12		t	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.1
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	176	176		d Flow Rate, veh/h	157
Pea	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.21684		Speed Power Coe	fficient	0.55232
PF S	Slope Coefficient	-1.16176		PF Power Coefficie	ent	0.83789
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%In	nproved % Followers	0.0		% Improved Avg S	Speed	0.0
Su	bsegment Data					·
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2438	-		-	72.1
Ve	hicle Results					
Ave	rage Speed, mi/h	72.1	Percent Follower		%	23.8
	ment Travel Time, minutes	0.38	0.38		followers/mi/ln	0.6
Veh	icle LOS	A				
		<u>'</u>	Segn	nent 55		•
Ve	hicle Inputs					
Seg	ment Type	Passing Constrai	ined	Length, ft		550
Lan	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.1
De	mand and Capacity	•		•		
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Demand Flow Rate, veh/h		-
Pea	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results	<u>'</u>		<u>'</u>		•
Seq	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	ed Slope Coefficient	4.46990		Speed Power Coe		0.41674
	Slope Coefficient	-1.25823		PF Power Coefficie		0.76525
	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.7
	nproved % Followers	0.0		% Improved Avg S	<u> </u>	0.0
Su	bsegment Data					1
#	Segment Type	Length, ft	Ra	ıdius, ft	Superelevation, %	Average Speed, mi/h
	1.3		l Nu		- = = = = = = = = = = = = = = = = = =	go opeca, m, m

1	Tangent	550	-		-	71.6
Vel	hicle Results					
Ave	rage Speed, mi/h	71.6		Percent Followers,	%	28.3
Seg	ment Travel Time, minutes	0.09		Follower Density, f	followers/mi/ln	0.7
Veh	icle LOS	A				
		Se	gm	ent 56		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		2106
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity	-				•
Dire	ectional Demand Flow Rate, veh/h	176	176 O		d Flow Rate, veh/h	157
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10
Int	ermediate Results	-				
Seg	Segment Vertical Class 1		Free-Flow Speed,	mi/h	73.1	
Spe	ed Slope Coefficient	4.21191	4.21191		ficient	0.55232
PF S	Slope Coefficient	-1.17167		PF Power Coefficie	ent	0.83341
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	nproved % Followers	0.0		% Improved Avg S	peed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2106	1-	-		72.1
Vel	hicle Results					
Ave	rage Speed, mi/h	72.1		Percent Followers,	%	24.1
Seg	ment Travel Time, minutes	0.33		Follower Density, followers/mi/ln		0.6
Veh	icle LOS	A				
		Se	egm	ent 57		•
Vel	hicle Inputs					
Seg	ment Type	Passing Constrained		Length, ft		1050
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	176		Opposing Demand	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.10

	P 4 3 15						
	ermediate Results						
Seg	ment Vertical Class	1		Free-Flow Sp	Free-Flow Speed, mi/h		73.1
Spe	ed Slope Coefficient	4.46990	l.46990		Coe	fficient	0.41674
PF S	lope Coefficient	-1.25823		PF Power Co	efficie	ent	0.76525
In Pa	assing Lane Effective Length?	No		Total Segmer	nt De	nsity, veh/mi/ln	0.7
%lm	proved % Followers	0.0		% Improved	Avg S	Speed	0.0
Sul	bsegment Data						
#	Segment Type	Length, ft	R	adius, ft		Superelevation, %	Average Speed, mi/h
1	Tangent	1050	-			-	71.6
Vel	nicle Results						
Ave	rage Speed, mi/h	71.6		Percent Follo	wers	, %	28.3
Seg	ment Travel Time, minutes	0.17		Follower Den	sity,	followers/mi/ln	0.7
Vehi	cle LOS	А					
			Segi	ment 58			
Vel	nicle Inputs						
Seg	ment Type	Passing Zone		Length, ft	Length, ft		547
Lane	e Width, ft	12		Shoulder Wid	dth, f	t	6
Spe	ed Limit, mi/h	65		Access Point	Access Point Density, pts/mi		3.1
De	mand and Capacity			·			
Dire	ctional Demand Flow Rate, veh/h	176		Opposing De	man	d Flow Rate, veh/h	157
Peal	Hour Factor	0.84		Total Trucks,	Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Cap	Demand/Capacity (D/C)		0.10
Int	ermediate Results						·
Seg	ment Vertical Class	1		Free-Flow Sp	eed,	mi/h	73.1
Spe	ed Slope Coefficient	4.19837		Speed Power	Speed Power Coefficient		0.55232
PF S	lope Coefficient	-1.20428		PF Power Co	PF Power Coefficient		0.81803
In Pa	assing Lane Effective Length?	No		Total Segmer	Total Segment Density, veh/mi/ln		0.6
%lm	proved % Followers	0.0		% Improved	% Improved Avg Speed		0.0
Sul	bsegment Data						·
#	Segment Type	Length, ft	R	adius, ft		Superelevation, %	Average Speed, mi/h
1	Tangent	547	-		-		72.1
Vel	nicle Results						
Ave	rage Speed, mi/h	72.1		Percent Follo	wers	, %	25.2
Seg	ment Travel Time, minutes	0.09		Follower Den	sity,	followers/mi/ln	0.6
Vehi	cle LOS	А					
Fac	ility Results			•			
	T Follower	r Density, followers	/mi/ln			LC	os
		<u> </u>	-				







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HCSTM Two-Lane Version 7.9 2019_Section1-5_WB.xuf

	HCS7 Two-Lar	ne Highway R	eport		
Project Information					
Analyst	МВ	Date		9/9/2020	
Agency	ВНІ	Analysis Year		2019	
Jurisdiction	NMDOT	Time Period Anal	yzed	Design Hourly Volume	
Project Description	US 380 Phase A/B Corric Study - Section 1-5	dor Unit		United States Customary	
	Seg	gment 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 Den	sity, pts/mi	2.2	
Demand and Capacity					
Directional Demand Flow Rate, veh/h	132	Opposing Demar	nd Flow Rate, veh/h	-	
Peak Hour Factor	0.84	Total Trucks, %		7.00	
Segment Capacity, veh/h	1700	Demand/Capacit	y (D/C)	0.08	
Intermediate Results		·			
Segment Vertical Class	1	Free-Flow Speed,	mi/h	73.3	
Speed Slope Coefficient	4.60928	Speed Power Coe	efficient	0.41674	
PF Slope Coefficient	-1.23143	PF Power Coeffic	ient	0.71351	
In Passing Lane Effective Length?	No	Total Segment De	ensity, 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	5, %	25.2	
Segment Travel Time, minutes	2.54	Follower Density, followers/mi/ln		0.5	
Vehicle LOS	A				
	Se	gment 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 Den	sity, pts/mi	2.2	
Demand and Capacity					
Directional Demand Flow Rate, veh/h	132	Opposing Demar	nd 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 Coe	fficient	0.56910
PF Slope Coefficient	-1.11403		PF Power Coeffici	ent	0.82785
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.3
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	3346	-		-	72.7
2 Horizontal Curve	807	193	10	4	72.7
3 Horizontal Curve	369	198	98	3	72.7
4 Tangent	719	-		-	72.7
5 Horizontal Curve	1374	223	81	4	72.7
6 Tangent	35992	-		-	72.7
7 Horizontal Curve	1811	239	86	0	72.7
8 Tangent	17646	-		-	72.7
9 Horizontal Curve	1435	285	2	7	72.7
10 Tangent	2675	-		-	72.7
11 Horizontal Curve	1363	223	23	0	72.7
12 Tangent	310	-		-	72.7
13 Horizontal Curve	1308	216	80	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	А				
	S	egn	nent 3		
Vehicle Inputs					
Segment Type	Passing Constrained		Length, ft		623
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	0.0
Demand and Capacity					
Directional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.13

Soci	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.9
			Speed Power Coe		0.41674	
	<u> </u>			PF Power Coeffici		0.76702
	lope Coefficient					1.0
	assing Lane Effective Length?	No		Total Segment De		
	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	623	-		-	72.0
Vel	nicle Results					
Avei	rage Speed, mi/h	72.0		Percent Followers	, %	32.2
Segi	ment Travel Time, minutes	0.10		Follower Density,	followers/mi/ln	1.0
Vehi	cle LOS	А				
			Segr	ment 4		
Vel	nicle Inputs					
Segment Type Passing Zone L		Length, ft		8859		
Lane	e Width, ft	12	-		Shoulder Width, ft	
Spe	ed Limit, mi/h	65		Access Point Dens	Access Point Density, pts/mi	
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	123
Peak	Hour Factor	0.84		Total Trucks, %	Total Trucks, %	
Segi	ment Capacity, veh/h	1700		Demand/Capacity	Demand/Capacity (D/C)	
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.25922		Speed Power Coefficient		0.56477
PF S	lope Coefficient	-1.11064		PF Power Coefficient		0.83931
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.8
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	7733	-		-	71.7
2	Horizontal Curve	1126	153	310	0	71.7
Vel	nicle Results					
Avei	rage Speed, mi/h	71.7		Percent Followers, %		26.6
Segi	ment Travel Time, minutes	1.40		Follower Density,	followers/mi/ln	0.8
Vehi	cle LOS	A				
			Segr	ment 5		
\/a!	niclo Innuts					
vei	hicle Inputs					

Segment Type Passing Constrained		Length, ft		784	
Lane Width, ft	12		Shoulder Width, ft	t	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	d 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 Coe	fficient	0.41674
PF Slope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft Radiu		lius, ft	Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	713	185	78	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				
	Se	egn	nent 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 Coef	fficient	0.56477
PF Slope Coefficient	-1.10721		PF Power Coefficie	ent	0.84912
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.8
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0

#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	503	162	271	0	71.7
2	Tangent	51	-		-	71.7
3	Horizontal Curve	769	199	908	0	71.7
4	Tangent	5895	-		-	71.7
Vel	hicle Results					
Ave	rage Speed, mi/h	71.7		Percent Followers	, %	26.2
Seg	ment Travel Time, minutes	1.14		Follower Density,	followers/mi/ln	0.8
Vehi	icle LOS	А				
			Segn	nent 7		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		612
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65	65 A		sity, pts/mi	3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700	Dema		/ (D/C)	0.13
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25946		PF Power Coeffici	0.76501	
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0
%lm	proved % Followers	0.0		% Improved Avg Speed 0.0		
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	612	-		-	71.1
Vel	hicle Results					
Ave	rage Speed, mi/h	71.1		Percent Followers	, %	32.5
Seg	ment Travel Time, minutes	0.10		Follower Density, followers/mi/ln		1.0
Vehi	icle LOS	А				
		•	Segn	nent 8		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		4596
	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.6
De	mand and Capacity					•

Directional Demand Flow Rate, veh/h	218		Onnosina Damer	d Flow Rate, veh/h	123
Peak Hour Factor	0.84			u mow rate, ven/n	7.00
Segment Capacity, veh/h			Total Trucks, % Demand/Capacity	, (D/C)	0.13
Intermediate Results	1700		Demand/ Capacity	(D/C)	0.13
					,
Segment Vertical Class			Free-Flow Speed,		73.0
Speed Slope Coefficient	4.22194		Speed Power Coe		0.56477
PF Slope Coefficient	-1.11738		PF Power Coefficie	ent	0.85429
In Passing Lane Effective Length?	No		Total Segment De		0.8
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type Length, ft Rad		dius, 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	0.73		followers/mi/ln	0.8
Vehicle LOS A					
		Segi	ment 9		
Vehicle Inputs					
Segment Type	Passing Constraine	ed	Length, ft		556
Lane Width, ft	12		Shoulder Width, ft		6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.6
Demand and Capacity					
Directional Demand Flow Rate, veh/h	218		Opposing Deman	d 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 Coefficie	ent	0.76501
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
		dius, ft	Superelevation, %	Average Speed, mi/h	
# Segment Type	Length, ft				
# Segment Type 1 Tangent	Length, ft 556	-		-	71.1
1 Tangent	-	-		-	71.1
	-	-	Percent Followers	, %	32.5

Vehi	icle LOS	А				
		S	egm	nent 10		
Vel	hicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		11722
Lane	e Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h 65			Access Point Dens	ity, pts/mi	3.6	
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	123
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.27146		Speed Power Coe	fficient	0.56477
PF S	lope Coefficient	-1.11956		PF Power Coefficie	ent	0.82563
In Passing Lane Effective Length?		No		Total Segment Density, veh/mi/ln		0.8
%Improved % Followers 0.0		0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	11722	-		-	71.7
Vel	hicle Results					
Aver	rage Speed, mi/h	71.7		Percent Followers,	. %	27.3
Segi	ment Travel Time, minutes	1.86	Follower Density, followers/mi/ln		0.8	
Vehi	icle LOS	А				
		S	egm	nent 11		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrained		Length, ft		572
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	218		Opposing Deman	d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spe	ed Slope Coefficient	4.46407		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25946		PF Power Coefficie	ent	0.76501
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	572	-		-	71.1
Vel	nicle Results					·
Aver	age Speed, mi/h	71.1		Percent Followers	, %	32.5
Segr	nent Travel Time, minutes	0.09		Follower Density,	followers/mi/ln	1.0
Vehi	cle LOS	А				
			Segm	ent 12		
Veł	nicle Inputs					
Segr	nent Type	Passing Zone		Length, ft		25390
Lane	Width, ft	12		Shoulder Width, f	t	6
Spee	ed Limit, mi/h	65	65		sity, pts/mi	3.6
Dei	mand 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
Segr	nent Capacity, veh/h	1700		Demand/Capacity	' (D/C)	0.13
Inte	ermediate Results					
Segr	nent Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Spee	ed Slope Coefficient	4.27091		Speed Power Coefficient		0.56477
PF S	ope Coefficient	-1.11963		PF Power Coefficient		0.82560
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.8
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	segment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	25148	-		-	71.7
2	Horizontal Curve	242	625	50	4	71.7
Veł	nicle Results					
Aver	age Speed, mi/h	71.7		Percent Followers, %		27.3
Segr	nent Travel Time, minutes	4.02		Follower Density, followers/mi/ln		0.8
Vehi	cle LOS	А		,		
			Segm	ent 13		·
Veł	nicle Inputs					
	nent Type	Passing Constrain	ned	Length, ft		1304
	Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Density, pts/mi		3.6

D					
Demand and Capacity					
Directional Demand Flow Rate, veh/h	218	218 C		d Flow Rate, veh/h	-
Peak Hour Factor	0.84	0.84 To			7.00
Segment Capacity, veh/h	1700	1700 D		/ (D/C)	0.13
Intermediate Results					
Segment Vertical Class	1		Free-Flow Speed,	mi/h	73.0
Speed Slope Coefficient	4.46353		Speed Power Coe	fficient	0.41674
PF Slope Coefficient	-1.25957		PF Power Coefficion	ent	0.76499
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	1.0
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	427	635	50	4	71.1
2 Tangent	877	-		-	71.1
Vehicle Results	·	·			·
Average Speed, mi/h	71.1	71.1		, %	32.5
Segment Travel Time, minutes	0.21	0.21		followers/mi/ln	1.0
Vehicle LOS	Α	А			
		Segm	nent 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	n 218		Opposing Deman	d 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 Coe	fficient	0.56477
PF Slope Coefficient	-1.15071		PF Power Coeffici	ent	0.84227
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.8
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	608	-		-	71.7
2 Horizontal Curve	1924	658	33	5	71.7

71.7 0.40 A		Percent Followers,	%	27.3
А				= / 1.0
	0.40		followers/mi/ln	0.8
	A			
	Segm	ent 15		
Passing Constrained	d	Length, ft		1543
12	12 S		t	6
65		Access Point Dens	ity, pts/mi	1.7
157		Opposing Deman	d Flow Rate, veh/h	-
0.84		Total Trucks, %		7.00
1700		Demand/Capacity	(D/C)	0.09
1		Free-Flow Speed, mi/h		73.4
4.49345		Speed Power Coefficient		0.41674
-1.24274		PF Power Coefficient		0.77097
No		Total Segment De	nsity, veh/mi/ln	0.6
0.0		% Improved Avg S	Speed	0.0
Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1543	-		-	72.1
72.1		Percent Followers,	%	25.8
0.24		Follower Density, followers/mi/ln		0.6
А				
	Segm	ent 16		
Passing Zone		Length, ft		17566
12		Shoulder Width, ft		6
65		Access Point Density, pts/mi		1.7
157		Opposing Deman	d Flow Rate, veh/h	139
0.84		Total Trucks, %		7.00
1700		Demand/Capacity	(D/C)	0.09
	12 65 157 0.84 1700 1 4.49345 -1.24274 No 0.0 Length, ft 1543 72.1 0.24 A Passing Zone 12 65	12 65 157 0.84 1700 1 4.49345 -1.24274 No 0.0 Length, ft Rac 1543 - 72.1 0.24 A Segman Segman 12 65 157 0.84	12 Shoulder Width, fit 65 Access Point Dens 157 Opposing Demand 0.84 Total Trucks, % 1700 Demand/Capacity 1 Free-Flow Speed, 4.49345 Speed Power Coefficie No Total Segment De 0.0 % Improved Avg S Length, ft Radius, ft 1543 - 72.1 Percent Followers, 0.24 Follower Density, a A Segment 16 Passing Zone Length, ft 12 Shoulder Width, ft 15 Access Point Dens 157 Opposing Demand 0.84 Total Trucks, %	12 Shoulder Width, ft 65 Access Point Density, pts/mi 157 Opposing Demand Flow Rate, veh/h 0.84 Total Trucks, % 1700 Demand/Capacity (D/C) 1 Free-Flow Speed, mi/h 4.49345 Speed Power Coefficient -1.24274 PF Power Coefficient No Total Segment Density, veh/mi/ln 0.0 % Improved Avg Speed Length, ft Radius, ft Superelevation, % 1543 72.1 Percent Followers, % 0.24 Follower Density, followers/mi/ln A Segment 16 Passing Zone Length, ft 12 Shoulder Width, ft 65 Access Point Density, pts/mi 157 Opposing Demand Flow Rate, veh/h 0.84 Total Trucks, %

Segment Vertical Class 1 Fre		Free-Flow Speed,	Free-Flow Speed, mi/h			
Spe	ed Slope Coefficient	4.30489	4.30489		fficient	0.55850
PF S	lope Coefficient	-1.12075		PF Power Coefficie	ent	0.82507
In Pa	assing Lane Effective Length?	No	No T		nsity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17566	-		-	72.6
Vel	nicle Results					
Avei	rage Speed, mi/h	72.6	72.6		, %	21.6
Segi	ment Travel Time, minutes	2.75		Follower Density,	followers/mi/In	0.5
Vehicle LOS		A				
		•	Segn	nent 17		
Vel	nicle Inputs					
Segment Type Passing Constrained		ed	Length, ft		2115	
Lane Width, ft 12		12	2 Shoulder W		t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84	0.84 Tota			7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.50363	4.50363		Speed Power Coefficient	
PF S	lope Coefficient	-1.21971	-1.21971 P		PF Power Coefficient	
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	547	-		-	72.1
2	Horizontal Curve	838	560	00	4	72.1
3	Tangent	730	-		-	72.1
Val	nicle Results					
vei	rage Speed, mi/h	72.1		Percent Followers,	, %	25.0
				Follower Density, followers/mi/ln		0.5
Avei	ment Travel Time, minutes	0.33		Follower Density,	ionowers/im/in	0.5

Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		15397
Lane Width, ft	12		Shoulder Width,	ft	6
Speed Limit, mi/h	65		Access Point Der	nsity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h 157 O		Opposing Dema	nd Flow Rate, veh/h	139	
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capacit	y (D/C)	0.09
Intermediate Results					
Segment Vertical Class	1		Free-Flow Speed	, mi/h	73.5
Speed Slope Coefficient	4.30489		Speed Power Co	efficient	0.55850
PF Slope Coefficient -1.12075		PF Power Coeffic	ient	0.82507	
In Passing Lane Effective Length?	No		Total Segment D	ensity, 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 Follower	s, %	21.6
Segment Travel Time, minutes	2.41		Follower Density	, followers/mi/ln	0.5
Vehicle LOS	А				
		Seg	ment 19		
Vehicle Inputs					
Segment Type	Passing Constrai	ned	Length, ft		1170
Lane Width, ft	12		Shoulder Width,	ft	6
Speed Limit, mi/h	65		Access Point Der		1.7
Demand and Capacity					1
Directional Demand Flow Rate, veh/h	157		Opposing Dema	nd Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capacit	ry (D/C)	0.09
Intermediate Results					•
Segment Vertical Class	1		Free-Flow Speed	, mi/h	73.5
Speed Slope Coefficient	4.48995		Speed Power Co		0.41674
PF Slope Coefficient	-1.25400		PF Power Coeffic	ient	0.76609
In Passing Lane Effective Length?	No		Total Segment D	ensity, veh/mi/ln	0.6
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data	·				•

#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1170	-		-	72.1
Vel	hicle Results		•			
Ave	rage Speed, mi/h	72.1		Percent Follower	26.2	
Seg	ment Travel Time, minutes	0.18		Follower Density	, followers/mi/ln	0.6
Veh	icle LOS	А				
			Segm	ent 20		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		32688
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Directional Demand Flow Rate, veh/h 157		Opposing Demai	nd Flow Rate, veh/h	139		
Peal	Peak Hour Factor 0.84		Total Trucks, %		7.00	
Seg	Segment Capacity, veh/h 1700		Demand/Capacity (D/C)		0.09	
Int	ermediate Results					
Segment Vertical Class 1		1	1 F		, mi/h	73.5
Spe	ed Slope Coefficient	4.30489		Speed Power Co	efficient	0.55850
PF S	Slope Coefficient	-1.12075	-1.12075		ient	0.82507
In P	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	26848	-			72.6
2	Horizontal Curve	222	999	999	0	72.6
3	Tangent	5618			-	72.6
Vel	hicle Results					
Ave	rage Speed, mi/h	72.6		Percent Follower	s, %	21.6
Seg	ment Travel Time, minutes	5.12		Follower Density, followers/mi/ln		0.5
Veh	icle LOS	А				
			Segm	ent 21		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		834
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Der	nsity, pts/mi	1.7
De	mand and Capacity					
Diro	ectional Demand Flow Rate, veh/h	157		Opposing Demai	nd Flow Rate, veh/h	T-

Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Int	ermediate Results	<u>'</u>		'		
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Passing Lane Effective Length?		No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	834	-		-	72.1
Vel	nicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers,	. %	26.2
Segment Travel Time, minutes		0.13		Follower Density, followers/mi/ln		0.6
Vehicle LOS		А				
			Segm	nent 22		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		4364
Lane	e Width, ft	12		Shoulder Width, fr	t	6
Spe	ed Limit, mi/h	65	65		ity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	139
Peal	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.25292		Speed Power Coe	fficient	0.55850
PF S	lope Coefficient	-1.12082		PF Power Coefficient		0.85329
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.4
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4364	-		-	72.6
Vel	nicle Results					
Avei	rage Speed, mi/h	72.6		Percent Followers,	%	20.6
Segi	ment Travel Time, minutes	0.68		Follower Density,	followers/mi/ln	0.4
Vehi	cle LOS	А				

			Segn	nent 23		
Vel	nicle Inputs					
Segr	ment Type	Passing Constr	rained	Length, ft		954
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h 1700		Demand/Capacity (D/C)		0.09		
Inte	ermediate Results	<u>'</u>				
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Speed Slope Coefficient 4.4899		4.48995	4.48995		fficient	0.41674
PF S	Slope Coefficient -1.25400		PF Power Coefficient		0.76609	
In Pa	n Passing Lane Effective Length? No		Total Segment Density, veh/mi/ln		0.6	
%Improved % Followers 0.0		0.0	0.0		Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	954	-		-	72.1
Veł	nicle Results					
Aver	rage Speed, mi/h	72.1		Percent Followers	, %	26.2
Segr	ment Travel Time, minutes	0.15		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	А				
		<u>'</u>	Segn	nent 24		
Veł	nicle Inputs					
	ment Type	Passing Zone		Length, ft		9999
	e Width, ft	12		Shoulder Width, f		6
	ed Limit, mi/h	65		Access Point Dens		1.7
	mand and Capacity					
	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	139
	Hour Factor	0.84		Total Trucks, %		7.00
	ment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.09
	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	ed Slope Coefficient	4.30097		Speed Power Coe		0.55850
_	lope Coefficient	-1.11729		PF Power Coeffici		0.82991
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0

Su	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	9999	9999 -		-	72.6
Ve	hicle Results					
Ave	rage Speed, mi/h	72.6		Percent Follower	rs, %	21.4
Seg	ment Travel Time, minutes	1.57		Follower Density	, followers/mi/ln	0.5
Veh	icle LOS	А				
			Segn	nent 25		
Ve	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		728
Lan	e Width, ft	12		Shoulder Width,	ft	6
Speed Limit, mi/h		65		Access Point Density, pts/mi		1.7
De	mand and Capacity					
Directional Demand Flow Rate, veh/h 157		157	Opposing Demand		nd Flow Rate, veh/h	-
Pea	k Hour Factor	0.84	Total Trucks, %			7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Int	termediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed	73.5	
Spe	ed Slope Coefficient	4.48995	Speed Po		efficient	0.41674
PF S	Slope Coefficient	-1.25400		PF Power Coeffic	0.76609	
In P	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%In	nproved % Followers	0.0		% Improved Avg Speed		0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
_	Tangent	302	-		-	72.1
1	Horizontal Curve	426	999	999	0	72.1
2	hicle Results				Percent Followers, %	
	hicle Results rage Speed, mi/h	72.1		Percent Follower	rs, %	26.2
2 Ve Ave		72.1		Percent Follower Follower Density		0.6
2 Ve Ave Seg	rage Speed, mi/h					
2 Ve Ave Seg	rage Speed, mi/h ment Travel Time, minutes	0.11	Segn			
2 Ave Seg Veh	rage Speed, mi/h ment Travel Time, minutes	0.11	Segn	Follower Density		
Vel	rage Speed, mi/h ment Travel Time, minutes icle LOS	0.11	Segn	Follower Density		
2 Ave Seg Veh	rage Speed, mi/h ment Travel Time, minutes icle LOS hicle Inputs	0.11 A	Segn	Follower Density	, followers/mi/ln	0.6

Dire	ctional Demand Flow Rate, veh/h	157			d Flow Rate, veh/h	139
Peak	K Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed, mi/h		73.5
Spe	ed Slope Coefficient	4.30489		Speed Power Coefficient		0.55850
PF S	lope Coefficient	-1.12075		PF Power Coefficie	ent	0.82507
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	266	999	999	0	72.6
2	Tangent	10456	-		-	72.6
Vel	hicle Results					
Avei	rage Speed, mi/h	72.6		Percent Followers,	%	21.6
Segment Travel Time, minutes		1.68		Follower Density,	followers/mi/ln	0.5
Vehi	icle LOS	A				
			Segm	ent 27		
Vel	hicle Inputs					
Segi	ment Type	Passing Constrai	ned	Length, ft		491
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157	157		d Flow Rate, veh/h	-
Peak	k Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.48995		Speed Power Coe	fficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					•
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	491	-		-	72.1
Vel	hicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers,	%	26.2
	-			,		

	nent Travel Time, minutes	0.08	F	Follower Density, 1	followers/mi/ln	0.6
Vehicle LOS		A		, and the state of		
			ame	ent 28		
\/. I	iala lumut-		gine			
	icle Inputs					
_	nent Type	Passing Zone		Length, ft		30700
	Width, ft	12		Shoulder Width, ft		6
Spee	d Limit, mi/h	65	A	Access Point Dens	ity, pts/mi	1.7
Der	nand and Capacity					
Direc	tional Demand Flow Rate, veh/h	157	C	Opposing Demand	d Flow Rate, veh/h	139
Peak	Hour Factor	0.84	Т	Total Trucks, %		7.00
Segment Capacity, veh/h 1700		С	Demand/Capacity	0.09		
Inte	ermediate Results					
Segment Vertical Class		1		Free-Flow Speed, mi/h		73.5
Speed Slope Coefficient		4.30489		Speed Power Coef	ficient	0.55850
PF SI	ope Coefficient	-1.12075		PF Power Coefficient		0.82507
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.5
%lmp	proved % Followers	0.0		% Improved Avg S	peed	0.0
Sub	segment Data					
#	Segment Type	Length, ft	Radiu	lius, ft Superelevation, %		Average Speed, mi/h
1	Tangent	30700	-		-	72.6
Veh	icle Results					
Avera	age Speed, mi/h	72.6	P	Percent Followers,	%	21.6
Segn	nent Travel Time, minutes	4.81		Follower Density, followers/mi/ln		0.5
Vehic	ile LOS	A				1
		Se	gme	nt 29		
Veh	icle Inputs	Se	gme	ent 29		
	icle Inputs	Se Passing Constrained		ent 29 Length, ft		925
Segn	-		L			925 6
Segm Lane	nent Type	Passing Constrained	L	Length, ft		
Segm Lane Spee	nent Type Width, ft	Passing Constrained	L	Length, ft Shoulder Width, ft		6
Segm Lane Spee	ment Type Width, ft d Limit, mi/h	Passing Constrained	L S	Length, ft Shoulder Width, ft Access Point Dens		6
Segm Lane Spee Der	width, ft d Limit, mi/h nand and Capacity	Passing Constrained 12 65	L S S	Length, ft Shoulder Width, ft Access Point Dens	ity, pts/mi	1.7
Segm Lane Spee Der Direct Peak	width, ft d Limit, mi/h mand and Capacity tional Demand Flow Rate, veh/h	Passing Constrained 12 65	L S S A	Length, ft Shoulder Width, ft Access Point Dens Opposing Demand	d Flow Rate, veh/h	6 1.7
Segm Lane Spee Der Direct Peak Segm	width, ft d Limit, mi/h mand and Capacity tional Demand Flow Rate, veh/h Hour Factor	Passing Constrained 12 65 157 0.84	L S S A	Length, ft Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, %	d Flow Rate, veh/h	6 1.7 - 7.00
Segm Lane Spee Derr Direct Peak Segm	width, ft d Limit, mi/h mand and Capacity tional Demand Flow Rate, veh/h Hour Factor ment Capacity, veh/h	Passing Constrained 12 65 157 0.84	L S S A	Length, ft Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, %	d Flow Rate, veh/h	6 1.7 - 7.00
Segm Lane Spee Der Direct Peak Segm Inte	width, ft d Limit, mi/h mand and Capacity tional Demand Flow Rate, veh/h Hour Factor ment Capacity, veh/h ermediate Results	Passing Constrained 12 65 157 0.84 1700	L S S A A C C T T C C C	Length, ft Shoulder Width, ft Access Point Dens Opposing Demand Total Trucks, % Demand/Capacity	d Flow Rate, veh/h (D/C)	6 1.7 - 7.00 0.09

In Passing Lane Effective Length?		Total Segment Density, veh/mi/ln		0.6	
%Improved % Followers	0.0	% Improved Avg Speed		Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, 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	Α				
		Segm	nent 30		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		2924
Lane Width, ft	12	12		t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	139
Peak Hour Factor	0.84	0.84			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	Rad	dius, 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	А				
		Segm	nent 31		
Vehicle Inputs					
•	Passing Constrai	ned	Length, ft		797
Vehicle Inputs Segment Type Lane Width, ft	Passing Constrai	ned	Length, ft Shoulder Width, ft	t	797

Demand and Capacity						
Directional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	T-	
Peak Hour Factor	0.84		Total Trucks, %		7.00	
Segment Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.09	
Intermediate Results	1700		Demana, capacity	(5)	0.03	
					1.	
Segment Vertical Class	1		Free-Flow Speed, mi/h		73.5	
Speed Slope Coefficient	4.48995		Speed Power Coe		0.41674	
PF Slope Coefficient	-1.25400		PF Power Coefficient		0.76609	
In Passing Lane Effective Length?	No		Total Segment De		0.6	
%Improved % Followers	0.0		% Improved Avg S	Speed ———————————————————————————————————	0.0	
Subsegment Data						
# Segment Type	Length, ft	Rad	dius, 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	0.13		followers/mi/ln	0.6	
Vehicle LOS	А	А				
		Segm	nent 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	<u> </u>		<u>'</u>		•	
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					1	
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 Coefficie		0.83861	
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.5	
%Improved % Followers	0.0		% Improved Avg S		0.0	
Subsegment Data					•	
	1	Rac	dius, ft	Superelevation, %	Average Speed, mi/h	
# Segment Type	Length, ft	1			-	
# Segment Type 1 Tangent	Lengtn, rt	-		-	72.6	
	-	-	400	3	72.6 72.6	

owers, % nsity, followers/mi/ln dth, ft Density, pts/mi emand Flow Rate, veh/h % pacity (D/C) peed, mi/h r Coefficient	21.8 0.5 716 6 1.7 - 7.00 0.09 73.5 0.41674
dth, ft Density, pts/mi emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h or Coefficient	716 6 1.7 - 7.00 0.09
Density, pts/mi emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h r Coefficient	- 7.00 0.09
Density, pts/mi emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h r Coefficient	- 7.00 0.09
Density, pts/mi emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h r Coefficient	- 7.00 0.09
Density, pts/mi emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h r Coefficient	- 7.00 0.09
Density, pts/mi emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h r Coefficient	1.7 - 7.00 0.09
emand Flow Rate, veh/h % Dacity (D/C) Deed, mi/h r Coefficient	7.00 0.09
% pacity (D/C) peed, mi/h r Coefficient	7.00 0.09
% pacity (D/C) peed, mi/h r Coefficient	7.00 0.09
peed, mi/h r Coefficient	73.5
need, mi/h r Coefficient	73.5
r Coefficient	
r Coefficient	
	0.41674
efficient	0.76609
nt Density, veh/mi/ln	0.6
Avg Speed	0.0
Superelevation, %	Average Speed, mi/h
-	72.1
owers, %	26.2
nsity, followers/mi/ln	0.6
	5695
dth, ft	6
Density, pts/mi	1.7
	139
	7.00
emand Flow Rate, veh/h	7.00
	Vidth, ft nt Density, pts/mi Demand Flow Rate, veh/h s, %

				1		
		Free-Flow Speed,		73.5		
-	d Slope Coefficient	4.26623		Speed Power Coefficient		0.55850
	ope Coefficient	-1.11133		PF Power Coefficie		0.85353
	ssing Lane Effective Length?	No		Total Segment De		0.4
%Improved % Followers 0.0		% Improved Avg S	Speed	0.0		
Suk	segment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5695	5695 -		-	72.6
Vel	nicle Results					
Aver	age Speed, mi/h	72.6		Percent Followers,	%	20.5
Segment Travel Time, minutes		0.89		Follower Density,	followers/mi/ln	0.4
Vehicle LOS		А				
		S	egm	ent 35		
Veh	nicle Inputs					
Segment Type Passing Constrained			Length, ft		1439	
	Width, ft	12		Shoulder Width, ft		6
	d Limit, mi/h	65		Access Point Density, pts/mi		1.7
	mand and Capacity					
	tional Demand Flow Rate, veh/h	157		Opposing Demand	d Flow Rate, veh/h	Ī-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	nent Capacity, veh/h	1700	Demand/Capacity (D/C)		0.09	
Inte	ermediate Results	<u>'</u>		'		
Segr	nent Vertical Class	1		Free-Flow Speed,	mi/h	73.5
	d Slope Coefficient	4.49222			fficient	0.41674
PF SI	ope Coefficient	-1.24770		PF Power Coefficient		0.76881
In Pa	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	segment Data	<u>'</u>		,		<u>'</u>
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1439	-		-	72.1
Ver	icle Results					•
Aver	age Speed, mi/h	72.1		Percent Followers,	%	26.0
	nent Travel Time, minutes	0.23		Follower Density,		0.6
	cle LOS	А		,,		
			egm	nent 36		
Veh	nicle Inputs					
Vehicle Inputs		Passing Zone		Length, ft		

Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Density, pts/mi		1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	157	157		d 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 Coe	fficient	0.55850
PF Slope Coefficient	-1.11925		PF Power Coefficie	ent	0.85361
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.4
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Ra	ndius, 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	А				
		Segn	nent 37		
Vehicle Inputs					
Segment Type	Passing Constra	ined	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 Deman	d 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 Coe	fficient	0.41674
PF Slope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Ra	ndius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	945	-		-	72.1

Vel	nicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followers,	, %	26.2
Segi	ment Travel Time, minutes	0.15		Follower Density,	followers/mi/ln	0.6
Vehi	cle LOS	A				
			Segm	ent 38		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		16186
Lane	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	139
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.5
Spe	ed Slope Coefficient	4.30489	4.30489		fficient	0.55850
PF S	lope Coefficient	-1.12075	-1.12075		ent	0.82507
In Pa	assing Lane Effective Length?	No	No		nsity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	16186	-		-	72.6
Vel	nicle Results					
Avei	rage Speed, mi/h	72.6		Percent Followers, %		21.6
Segi	ment Travel Time, minutes	2.53		Follower Density, followers/mi/ln		0.5
Vehi	cle LOS	А				
			Segm	ent 39		
Vel	nicle Inputs					
Segi	ment Type	Passing Constrain	ned	Length, ft		510
	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Deman	d Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
		1700		Demand/Capacity (D/C)		0.09
Segi	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.09

Spe	ed Slope Coefficient	4.48995		Speed Power Co	efficient	0.41674
PF S	lope Coefficient	-1.25400		PF Power Coeffic	cient	0.76609
In Pa	assing Lane Effective Length?	No		Total Segment D	ensity, veh/mi/ln	0.6
%lm	proved % Followers	0.0		% Improved Avo	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	R	adius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	510	-		-	72.1
Vel	nicle Results					
Avei	rage Speed, mi/h	72.1		Percent Followe	rs, %	26.2
Segi	ment Travel Time, minutes	0.08		Follower Density	, followers/mi/ln	0.6
Vehi	cle LOS	Α				
		•	Segi	ment 40		
Vel	nicle Inputs					
Segi	ment Type	Passing Zone		Length, ft		12509
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point De	nsity, pts/mi	1.7
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	157		Opposing Dema	nd Flow Rate, veh/h	139
Peak	c Hour Factor	0.84		Total Trucks, %		7.00
Segi	ment Capacity, veh/h	1700		Demand/Capaci	ty (D/C)	0.09
Int	ermediate Results					
Segi	ment Vertical Class	1		Free-Flow Speed	l, mi/h	73.5
Spe	ed Slope Coefficient	4.30489		Speed Power Co	efficient	0.55850
PF S	lope Coefficient	-1.12075		PF Power Coefficient		0.82507
In Pa	assing Lane Effective Length?	No		Total Segment D	ensity, veh/mi/ln	0.5
%lm	proved % Followers	0.0		% Improved Avo	Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	R	adius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	6659	-		-	72.6
2	Horizontal Curve	733	2	3342	0	72.6
3	Tangent	5117	-		-	72.6
Vel	nicle Results					
Avei	rage Speed, mi/h	72.6		Percent Followe	rs, %	21.6
- '		1.96		Follower Density	, followers/mi/ln	0.5
segi		A				

Vehicle Inputs					
Segment Type	Passing Constrain	ned	Length, ft		745
Lane Width, ft	12	12		t	6
Speed Limit, mi/h	65	65 Ac		sity, pts/mi	1.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	157		Opposing Deman	d 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 Coe	fficient	0.41674
PF Slope Coefficient	-1.25400		PF Power Coefficie	ent	0.76609
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.6
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					,
# Segment Type	Length, ft	R	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/In	0.6
Vehicle LOS	А				
		Seg	ment 42		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		2885
Lane Width, ft	12		Shoulder Width, fi	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	0.0
Demand and Capacity					•
Directional Demand Flow Rate, veh/h	157		Opposing Deman	d 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 Coe		0.55850
PF Slope Coefficient	-1.14046		PF Power Coefficie		0.84648
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.5
%Improved % Followers	0.0		% Improved Avg S	Speed	0.0
Subsegment Data					•

#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2885	-		-	73.0
Vel	nicle Results	•			•	
Aver	rage Speed, mi/h	73.0		Percent Followers	5, %	21.2
Segr	ment Travel Time, minutes	0.45		Follower Density,	followers/mi/ln	0.5
Vehi	cle LOS	А				
		·	Segn	nent 43		·
Vel	nicle Inputs					
Segr	ment Type	Passing Constrain	ned	Length, ft		2460
Lane	e Width, ft	12		Shoulder Width,	ft	6
Spe	ed Limit, mi/h	65		Access Point Den	sity, pts/mi	3.1
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Demar	nd Flow Rate, veh/h	-
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacit	y (D/C)	0.13
Int	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.48909		Speed Power Coe	efficient	0.41674
PF S	lope Coefficient	-1.21306		PF Power Coeffici	ent	0.78411
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		1.0
%lm	proved % Followers	0.0		% Improved Avg	Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2460	-		-	71.2
Vel	nicle Results		·			·
Aver	rage Speed, mi/h	71.2		Percent Followers, %		31.7
Segr	ment Travel Time, minutes	0.39		Follower Density, followers/mi/ln		1.0
Vehi	cle LOS	А				
			Segn	nent 44		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		809
Lane Width, ft 12			Shoulder Width,	ft	6	
Spe	ed Limit, mi/h	65		Access Point Den	sity, pts/mi	3.1
	mand and Capacity	<u> </u>				
	ctional Demand Flow Rate, veh/h	229		Opposing Demar	nd Flow Rate, veh/h	202
Peak	c Hour Factor	0.84		Total Trucks, %		7.00
		+		Demand/Capacity (D/C)		0.13

	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.21589		Speed Power Coef	ficient	0.53858
PF S	lope Coefficient	-1.21482		PF Power Coefficie	ent	0.81429
In Pa	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.0
%lm	proved % Followers	0.0		% Improved Avg S	peed	0.0
Sul	bsegment Data			·		·
#	Segment Type	Length, ft	Ra	adius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	809	-		-	71.7
Vel	hicle Results					
Ave	rage Speed, mi/h	71.7		Percent Followers,	%	30.6
Seg	ment Travel Time, minutes	0.13		Follower Density, f	followers/mi/ln	1.0
Vehi	icle LOS	А				
			Segr	ment 45		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft	Length, ft	
Lane	e Width, ft	12		Shoulder Width, ft	:	6
Spe	ed Limit, mi/h	65		Access Point Dens	Access Point Density, pts/mi	
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Demand	Opposing Demand Flow Rate, veh/h	
Peal	K Hour Factor	0.84		Total Trucks, %	Total Trucks, %	
Seg	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.13
	l' (D) (
Int	ermediate Results					
	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Segi		1 4.46990		Free-Flow Speed, Speed Power Coef		73.1 0.41674
Segi Spe	ment Vertical Class			·	ficient	
Segi Spe	ment Vertical Class ed Slope Coefficient	4.46990		Speed Power Coef	ficient	0.41674
Segi Spee PF S	ment Vertical Class ed Slope Coefficient lope Coefficient	4.46990 -1.25823		Speed Power Coefficie	fficient ent nsity, veh/mi/ln	0.41674 0.76525
Segr Spec PF S In Pa	ment Vertical Class ed Slope Coefficient clope Coefficient assing Lane Effective Length?	4.46990 -1.25823 No		Speed Power Coefficient Total Segment Dec	fficient ent nsity, veh/mi/ln	0.41674 0.76525 1.1
Segr Spec PF S In Pa %Im	ment Vertical Class ed Slope Coefficient lope Coefficient assing Lane Effective Length? approved % Followers	4.46990 -1.25823 No	Ra	Speed Power Coefficient Total Segment Dec	fficient ent nsity, veh/mi/ln	0.41674 0.76525 1.1
Segr Spec PF S In Pa	ment Vertical Class ed Slope Coefficient lope Coefficient assing Lane Effective Length? aproved % Followers bsegment Data	4.46990 -1.25823 No 0.0	Ra -	Speed Power Coefficient Total Segment Delaws Improved Avg S	fficient ent nsity, veh/mi/ln Speed	0.41674 0.76525 1.1 0.0
Segri Specific Specific ment Vertical Class ed Slope Coefficient slope Coefficient assing Lane Effective Length? aproved % Followers bsegment Data Segment Type	4.46990 -1.25823 No 0.0	Ri	Speed Power Coefficient Total Segment Delaws Improved Avg S	fficient ent nsity, veh/mi/ln Speed	0.41674 0.76525 1.1 0.0 Average Speed, mi/h	
Segri Spec PF S In Pa %Im Sul # 1	ment Vertical Class ed Slope Coefficient clope Coefficient assing Lane Effective Length? aproved % Followers bsegment Data Segment Type Tangent	4.46990 -1.25823 No 0.0	Ra -	Speed Power Coefficient Total Segment Delaws Improved Avg S	fficient ent ent sity, veh/mi/ln speed Superelevation, % -	0.41674 0.76525 1.1 0.0 Average Speed, mi/h
Segri Spec PF S In Pa %Im Sul # 1 Vel	ment Vertical Class ed Slope Coefficient clope Coefficient assing Lane Effective Length? approved % Followers bsegment Data Segment Type Tangent hicle Results	4.46990 -1.25823 No 0.0 Length, ft	Ra -	Speed Power Coefficient PF Power Coefficient Total Segment Demonstrates Avg States Avg S	fficient ent ent sity, veh/mi/ln speed Superelevation, % -	0.41674 0.76525 1.1 0.0 Average Speed, mi/h 71.2

Vel	hicle Inputs					
	egment Type Passing Zone L		Length, ft		4374	
	e Width, ft	12		Shoulder Width, f	t	6
Spe	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
De	mand and Capacity	<u>'</u>				•
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Deman	d Flow Rate, veh/h	202
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	, (D/C)	0.13
Int	ermediate Results					·
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.25810		Speed Power Coe	fficient	0.53858
PF S	lope Coefficient	-1.13768		PF Power Coefficie	ent	0.84621
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.9
%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1718	-		-	71.7
2	Horizontal Curve	1345	579	99	4	71.7
3	Tangent	1311	-		-	71.7
Ve	hicle Results					
Ave	rage Speed, mi/h	71.7		Percent Followers, %		27.8
Seg	ment Travel Time, minutes	0.69		Follower Density, followers/mi/ln		0.9
Veh	icle LOS	А				
			Segn	nent 47		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		2768
	e Width, ft	12		Shoulder Width, f	t	6
	ed Limit, mi/h	65		Access Point Dens		3.1
De	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Deman	d Flow Rate, veh/h	T-
Peal	k Hour Factor			Total Trucks, %		7.00
Segment Capacity, veh/h 1700		Demand/Capacity	(D/C)	0.13		
Int	ermediate Results					
Seg	ment Vertical Class	4		Free-Flow Speed,	mi/h	69.7
Spe	ed Slope Coefficient	11.73869		Speed Power Coe	fficient	0.66575
PF S	Slope Coefficient	-1.55938		PF Power Coefficie	ent	0.71014
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.4

%lm	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	2768	-		-	66.7
Vel	nicle Results	•				
Aver	age Speed, mi/h	66.7		Percent Followers	, %	42.1
Segr	ment Travel Time, minutes	0.47		Follower Density,	followers/mi/ln	1.4
Vehi	cle LOS	А				
			Segm	ent 48		
Vel	nicle Inputs					
Segr	ment Type	Passing Zone		Length, ft		11631
Lane	Width, ft	12		Shoulder Width, f	t	6
Spee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
Dei	mand and Capacity					
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Demand Flow Rate, veh/h		202
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity	, (D/C)	0.13
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spee	ed Slope Coefficient	4.30996		Speed Power Coefficient		0.53858
PF SI	lope Coefficient	-1.13763		PF Power Coefficient		0.81797
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.9
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Suk	osegment Data					
#	Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	10719	-		-	71.7
2	Horizontal Curve	912	572	21	4	71.7
Veł	nicle Results					
Aver	age Speed, mi/h	71.7		Percent Followers	, %	28.8
Segr	ment Travel Time, minutes	1.84		Follower Density,	followers/mi/ln	0.9
Vehi	cle LOS	A				
			Segm	ent 49		
Vel	nicle Inputs					
Segr	ment Type	Passing Constraine	ed	Length, ft		1328
	Width, ft	12		Shoulder Width, f	t	6
Snee	ed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1

D					
Demand and Capacity					
Directional Demand Flow Rate, veh/h	229	229		d Flow Rate, veh/h	-
Peak Hour Factor	0.84	0.84			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 Coe	fficient	0.41674
PF Slope Coefficient	-1.25779		PF Power Coeffici	ent	0.76544
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	1.1
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	943	572	21	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	А	А			
		Segm	nent 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	1 229		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 Coeffici		0.84160
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	0.9
%Improved % Followers	0.0		% Improved Avg Speed 0.0		
Subsegment Data					•
# Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	2235	-		-	71.7
2 Horizontal Curve	1048	580			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	А				
		Segm	ent 51		
Vehicle Inputs					
Segment Type	Passing Constraine	ed	Length, ft		448
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	3.1
Demand and Capacity					
Directional Demand Flow Rate, veh/h	229		Opposing Deman	d 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	1		mi/h	73.1
Speed Slope Coefficient	4.46990		Speed Power Coefficient		0.41674
PF Slope Coefficient	-1.25823		PF Power Coefficie	ent	0.76525
In Passing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	1.1
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1 Horizontal Curve	448	580)4	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	А				
		Segm	ent 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 Deman	d 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
Segment Capacity, veh/h Intermediate Results	1700		Demand/Capacity	r (D/C)	0.13

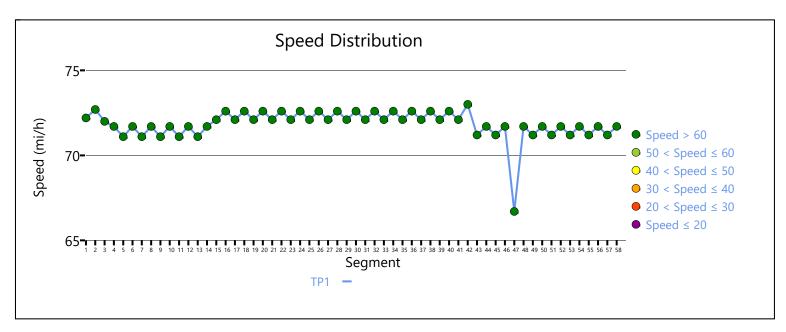
Sear	ment Vertical Class	1		Free-Flow Speed, mi/h		73.1
	ed Slope Coefficient	4.23074		Speed Power		0.53858
	lope Coefficient	-1.17912		PF Power Co		0.83071
	assing Lane Effective Length?	No			nt Density, veh/mi/ln	0.9
	proved % Followers	0.0		% Improved	-	0.0
	osegment Data			<u>, , , , , , , , , , , , , , , , , , , </u>	3 1	
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Horizontal Curve	173	580		4	71.7
2	Tangent	2019	-		-	71.7
Veł	nicle Results					
Aver	age Speed, mi/h	71.7		Percent Follo	wers, %	29.2
Segr	ment Travel Time, minutes	0.35		Follower Der	nsity, followers/mi/ln	0.9
Vehi	cle LOS	А				
			Segm	ent 53		
Veł	nicle Inputs					
Segr	ment Type	Passing Constrai	ined	Length, ft		498
Lane	Width, ft	12		Shoulder Width, ft		6
Spee	ed Limit, mi/h	65		Access Point Density, pts/mi		3.1
Dei	mand and Capacity	<u>'</u>		·		<u>'</u>
Dire	ctional Demand Flow Rate, veh/h	229		Opposing Demand Flow Rate, veh/h		-
Peak	: Hour Factor	0.84		Total Trucks, %		7.00
Segr	ment Capacity, veh/h	1700		Demand/Capacity (D/C)		0.13
Inte	ermediate Results					
Segr	ment Vertical Class	1		Free-Flow Speed, mi/h		73.1
Spee	ed Slope Coefficient	4.46990		Speed Power Coefficient		0.41674
PF S	lope Coefficient	-1.25823		PF Power Co	efficient	0.76525
In Pa	assing Lane Effective Length?	No		Total Segme	nt Density, veh/mi/ln	1.1
%lm	proved % Followers	0.0		% Improved	Avg Speed	0.0
Sul	osegment Data					
#	Segment Type	Length, ft	Rac	lius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	498	-		-	71.2
Vel	nicle Results		,			
Aver	age Speed, mi/h	71.2		Percent Follo	wers, %	33.4
Segr	ment Travel Time, minutes	0.08		Follower Der	nsity, followers/mi/ln	1.1
Vehi	cle LOS	А				
			Segm	ent 54		
\/.	siala lawata		9			
ver	nicle Inputs					

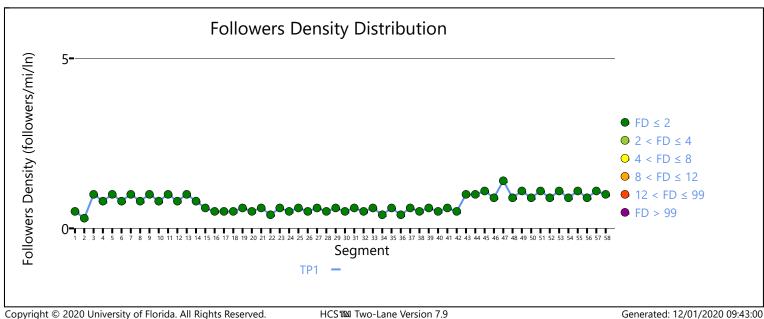
Segme	ent Type	Passing Zone		Length, ft		2438
Lane W	Vidth, ft	12		Shoulder Width, f	t	6
Speed	Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
Dem	and and Capacity					
Direction	onal Demand Flow Rate, veh/h	229		Opposing Deman	d Flow Rate, veh/h	202
Peak H	lour Factor	0.84		Total Trucks, %		7.00
Segme	ent Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Inter	mediate Results					
Segme	ent Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Speed	Slope Coefficient	4.23436		Speed Power Coe	fficient	0.53858
PF Slop	oe Coefficient	-1.17188		PF Power Coefficie	ent	0.83389
In Pass	ing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.9
%Impr	oved % Followers	0.0		% Improved Avg S	Speed	0.0
Subs	egment Data	•		·		·
# 5	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1 T		2438	-		-	71.7
Vehic	cle Results					
Averag	ge Speed, mi/h	71.7		Percent Followers,	. %	29.0
	ent Travel Time, minutes	0.39		Follower Density,	followers/mi/ln	0.9
Vehicle	e LOS	А				
			Segn	nent 55		•
Vehic	cle Inputs					
Segme	ent Type	Passing Constrai	ined	Length, ft		550
Lane W	Vidth, ft	12		Shoulder Width, ft		6
Speed	Limit, mi/h	65		Access Point Density, pts/mi		3.1
Dem	and and Capacity					
Direction	onal Demand Flow Rate, veh/h	229		Opposing Demand Flow Rate, veh/h		-
Peak H	lour Factor	0.84		Total Trucks, %		7.00
Segme	ent Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
	mediate Results					
Segme	ent Vertical Class	1		Free-Flow Speed,	mi/h	73.1
	Slope Coefficient	4.46990		Speed Power Coe		0.41674
	pe Coefficient	-1.25823		PF Power Coefficie		0.76525
	ing Lane Effective Length?	No		Total Segment De		1.1
	oved % Followers	0.0		% Improved Avg S	•	0.0
	egment Data			<u> </u>		
	Segment Type	Length, ft	Do	dius, ft	Superelevation, %	Average Speed, mi/h
" 5	ведінені туре	Length, it	Ka	uius, it	Superelevation, %	Average Speed, IIII/II

1	Tangent	550	-		-	71.2
Vel	hicle Results					
Ave	rage Speed, mi/h	71.2	Percent Followers,	%	33.4	
Seg	ment Travel Time, minutes	0.09	0.09		followers/mi/ln	1.1
Veh	icle LOS	А	А			
		9	Segm	nent 56		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		2106
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity	·				•
Dire	ectional Demand Flow Rate, veh/h	229		Opposing Demand	d Flow Rate, veh/h	202
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed,	mi/h	73.1
Spe	ed Slope Coefficient	4.22943		Speed Power Coef	ficient	0.53858
PF S	Slope Coefficient	-1.18189		PF Power Coefficient		0.82947
In P	assing Lane Effective Length?	No		Total Segment De	nsity, veh/mi/ln	0.9
%lm	nproved % Followers	0.0		% Improved Avg S	peed	0.0
Su	bsegment Data					
#	Segment Type	Length, ft	Rad	adius, ft Superelevation, %		Average Speed, mi/h
1	Tangent	2106	T-	-		71.7
Vel	hicle Results	·				·
Ave	rage Speed, mi/h	71.7		Percent Followers,	%	29.4
Seg	ment Travel Time, minutes	0.33		Follower Density, 1	followers/mi/ln	0.9
Veh	icle LOS	А				
		9	Segm	nent 57		·
Vel	hicle Inputs					
Seg	ment Type	Passing Constrained		Length, ft		1050
Lane	e Width, ft	12		Shoulder Width, ft		6
Spe	ed Limit, mi/h	65		Access Point Dens	ity, pts/mi	3.1
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	229		Opposing Demand	d Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %		7.00
_	ment Capacity, veh/h	1700		Demand/Capacity	(D/C)	0.13

Speed Slope Coefficient 4.46990 Speed Power Coefficient 0. PF Slope Coefficient -1.25823 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/In 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 1050 7 Vehicle Results Average Speed, mi/h 71.2 Percent Followers, % 3: Segment Travel Time, minutes 0.17 Follower Density, followers/mi/In 1. Vehicle LOS A Segment Type Passing Zone Length, ft 65 Lane Width, ft 12 Shoulder Width, ft 65 Speed Limit, mi/h 65 Access Point Density, pts/mi 3. Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 7. Speed Slope Coefficient 1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/In 1. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Total Segment Density, veh/mi/In 1. # Segment Type Length, ft Radius, ft Superelevation, % A 2. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 7						termediate Recults
Speed Slope Coefficient						
PF SIope Coefficient 1.25823 PF Power Coefficient 0.0 In Passing Lane Effective Length? No Total Segment Density, veh/mir/In 1. Subsequent Density Density Speed 0.0 % Improved Avg Speed 0.0 Subsequent Data # Segment Type Length, ft Radius, ft Superelevation, % A Average Speed, mir/h 71.2 Percent Followers, % 3: Segment Travel Time, minutes 0.17 Follower Density, followers/mir/In 1. Vehicle Inputs Segment 58 Vehicle Inputs Segment 7ype Passing Zone Length, ft 5 Langth, ft Shoulder Width, ft 6 5 Speed Timit, mir/h 65 Access Point D	73.1		<u> </u>	Segment Vertical Class 1 F		
In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1.	0.41674	ficient	Speed Power Coef		4.46990	eed Slope Coefficient
Subsegment Data Subsegment Type Length, ft Radius, ft Superelevation, % A	0.76525	nt	PF Power Coefficie		-1.25823	Slope Coefficient
# Segment Type Length, ft Radius, ft Superelevation,	1.1	nsity, veh/mi/ln	Total Segment Dei		No	Passing Lane Effective Length?
# Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 1050 -	0.0	peed	% Improved Avg S		0.0	mproved % Followers
Tangent 1050 Free-Flow Speed, mi/h 1050 Free-Flow S						bsegment Data
Vehicle Results Average Speed, mi/h 71.2 Percent Followers, % 33 Segment Travel Time, minutes 0.17 Follower Density, followers/mi/ln 1. Vehicle LOS Segment 58 Vehicle Inputs Segment Type Passing Zone Length, ft Speed Limit, mi/h Passing Zone Length, ft Speed Limit, mi/h Speed Limit, mi/h Speed Limit, mi/h Speed Limit, mi/h Speed Limit, mi/h Speed Limit, mi/h Speed Limit, mi/h Speed Logarity Speed Spoint Density, pts/mi Speed Logarity Speed Spoint Density, pts/mi Speed Spoed Speed, mi/h Total Trucks, % Speed Speed, mi/h Total Trucks, % Speed Speed, mi/h Total Speed, mi/h	Average Speed, mi/h	Superelevation, %	ıs, ft	Rad	Length, ft	Segment Type
Average Speed, mi/h Segment Travel Time, minutes O.17 Follower Density, followers/mi/ln 1. Vehicle LOS A Segment 58 Vehicle Inputs Segment Type Passing Zone Length, ft Speed Limit, mi/h Speed Limit, mi/h Speed Limit, mi/h Segment Gapacity Directional Demand Flow Rate, veh/h Peak Hour Factor O.84 Total Trucks, % Segment Capacity, veh/h I700 Demand/Capacity (D/C) Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h Free-Flow Speed, mi/h Free-Flow Speed, mi/h Free-Flow Speed, mi/h Free-Flow Speed, mi/h Total Speed Slope Coefficient O.121482 PF Power Coefficient O.161482 PF Power Coefficient O.161483 PF Power Coef	71.2	-		-	1050	Tangent
Segment Travel Time, minutes 0.17 Follower Density, followers/mi/ln 1. Vehicle LOS A Segment 58 Vehicle Inputs Segment Type Passing Zone Length, ft Speed Limit, mi/h Passing Zone Length, ft Speed Limit, mi/h Passing Zone Length, ft Speed Limit, mi/h Speed Robers Speed Power Coefficient Speed Speed Robers Speed Speed Robers Speed Speed Robers Speed Speed Robers Speed Power Coefficient Speed Speed Robers Speed Speed Robers Speed Speed Robers Speed Speed Robers Speed Robers						hicle Results
Vehicle LOS A Segment 58 Vehicle Inputs Segment Type Passing Zone Length, ft 52 Lane Width, ft 12 Shoulder Width, ft 65 Spear Limit, mi/h 65 Access Point Density, pts/mi 3. Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 20 Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient 4.21589 Speed Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. Shipproved & Followers 0.0 % Improved Avg Speed 0. Superelevation, % A Segment Type Length, ft Radius, ft Superelevation, % A Tangent 547 7	33.4	%	Percent Followers,		71.2	erage Speed, mi/h
Segment 58 Vehicle Inputs Segment Type Passing Zone Length, ft 54 Lane Width, ft 12 Shoulder Width, ft 65 Speed Limit, mi/h 65 Access Point Density, pts/mi 3. Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 26 Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - - - - - <td< td=""><td>1.1</td><td>followers/mi/ln</td><td>Follower Density, f</td><td></td><td>0.17</td><td>ment Travel Time, minutes</td></td<>	1.1	followers/mi/ln	Follower Density, f		0.17	ment Travel Time, minutes
Vehicle Inputs Segment Type Passing Zone Length, ft 54 Lane Width, ft 12 Shoulder Width, ft 6 Speed Limit, mi/h 65 Access Point Density, pts/mi 3 Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 20 Peak Hour Factor 0.84 Total Trucks, % 7 Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0 Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0 PF Slope Coefficient -1.21482 PF Power Coefficient 0 In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1 %Improved % Followers 0.0 % Improved Avg Speed 0 Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 7					А	nicle LOS
Segment Type Passing Zone Length, ft 54 Lane Width, ft 12 Shoulder Width, ft 6 Speed Limit, mi/h 65 Access Point Density, pts/mi 3. Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 26 Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. In Pasing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 -			ent 58	egm	Se	
Lane Width, ft 12 Shoulder Width, ft 6 Speed Limit, mi/h 65 Access Point Density, pts/mi 3. **Demand and Capacity** Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 26 Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. **Intermediate Results** Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. **Subsegment Data** **Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7.						hicle Inputs
Speed Limit, mi/h 65 Access Point Density, pts/mi 3. Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 26 Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 7	547	Length, ft			Passing Zone	ment Type
Demand and Capacity Directional Demand Flow Rate, veh/h 229 Opposing Demand Flow Rate, veh/h 20 Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. % Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - - 7	6		Shoulder Width, ft		12	e Width, ft
Directional Demand Flow Rate, veh/h Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A Tangent	3.1	Access Point Density, pts/mi			65	eed Limit, mi/h
Peak Hour Factor 0.84 Total Trucks, % 7. Segment Capacity, veh/h 1700 Demand/Capacity (D/C) 0. Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7						emand and Capacity
Segment Capacity, veh/h Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A Tangent Segment Type Length, ft Radius, ft Superelevation, % A Total Segment Superelevation, % A Total Segment Superelevation, % A Total Segment Data	202	d Flow Rate, veh/h	Opposing Demand		229	ectional Demand Flow Rate, veh/h
Intermediate Results Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7	7.00	Total Trucks, %			0.84	k Hour Factor
Segment Vertical Class 1 Free-Flow Speed, mi/h 73 Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7	0.13	Demand/Capacity (D/C)			1700	ment Capacity, veh/h
Speed Slope Coefficient 4.21589 Speed Power Coefficient 0. PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % Avg Speed 1. Tangent 547 - 7					<u>'</u>	termediate Results
PF Slope Coefficient -1.21482 PF Power Coefficient 0. In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7	73.1	Free-Flow Speed, mi/h			1	ment Vertical Class
In Passing Lane Effective Length? No Total Segment Density, veh/mi/ln 1. %Improved % Followers 0.0 **Subsegment Data** # Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7	0.53858	Speed Power Coefficient			4.21589	eed Slope Coefficient
%Improved % Followers 0.0 % Improved Avg Speed 0. Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % Avg Speed 1 Tangent 547 - 7	0.81429	nt	<u> </u>		-1.21482	Slope Coefficient
Subsegment Data # Segment Type Length, ft Radius, ft Superelevation, % At 1 Tangent 547 7	1.0	Total Segment Density, veh/mi/ln			No	Passing Lane Effective Length?
# Segment Type Length, ft Radius, ft Superelevation, % A 1 Tangent 547 - 7	0.0	peed	% Improved Avg Speed		0.0	nproved % Followers
1 Tangent 547 - 7						bsegment Data
3	Average Speed, mi/h	Superelevation, %	ıs, ft	Rad	Length, ft	Segment Type
	71.7	-		-	547	Tangent
Vehicle Results						hicle Results
Average Speed, mi/h 71.7 Percent Followers, % 30	30.6	%	Percent Followers,		71.7	erage Speed, mi/h
Segment Travel Time, minutes 0.09 Follower Density, followers/mi/ln 1.	1.0	followers/mi/ln	Follower Density, f		0.09	ment Travel Time, minutes
Vehicle LOS A					А	nicle LOS
Facility Results						cility Results
T Follower Density, followers/mi/ln LOS		LOS	T	/ln	Density, followers/mi/l	T Follower

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HCSTM Two-Lane Version 7.9 2039_Section1-5_WB.xuf

	HCS7 Multilane	Highway Report	
Project Information			
Analyst	МВ	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), In	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 (LCR), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		
Direction 1 Adjustment Fact	ors		
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 Cap	pacity		
Volume(V) veh/h	103	Heavy Vehicle Adjustment Factor (fHV)	0.935
Peak Hour Factor	0.84	Flow Rate (Vp), pc/h/ln	66
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (cadj), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.03
Direction 1 Speed and Densi	ity		
Lane Width Adjustment (fLW)	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (fLLC)	0.0	Density (D), pc/mi/ln	1.0
Median Type Adjustment (fM)	0.0	Level of Service (LOS)	А
Access Point Density Adjustment (fA)	0.4		
Direction 1 Bicycle LOS			
Flow Rate in Outside Lane (vOL),veh/h	61	Effective Speed Factor (St)	4.62
Effective Width of Volume (Wv), ft	27	Bicyle LOS Score (BLOS)	0.59
Average Effective Width (We), ft	33	Bicycle Level of Service (LOS)	A

	HCS7 Multilane	Highway Report	
Project Information			
Analyst	МВ	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), In	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 (LCR), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		
Direction 1 Adjustment Fact	ors		
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 Cap	pacity		
Volume(V) veh/h	133	Heavy Vehicle Adjustment Factor (fHV)	0.935
Peak Hour Factor	0.84	Flow Rate (Vp), pc/h/ln	84
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (cadj), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.04
Direction 1 Speed and Densi	ty		•
Lane Width Adjustment (fLW)	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (fLLC)	0.0	Density (D), pc/mi/ln	1.3
Median Type Adjustment (fM)	0.0	Level of Service (LOS)	А
Access Point Density Adjustment (fA)	0.4		
Direction 1 Bicycle LOS			•
Flow Rate in Outside Lane (vOL),veh/h	79	Effective Speed Factor (St)	4.62
Effective Width of Volume (Wv), ft	24	Bicyle LOS Score (BLOS)	1.67
Average Effective Width (We), ft	30	Bicycle Level of Service (LOS)	В

	HCS7 Multilane	Highway Report	
Project Information			
Analyst	МВ	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), In	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 (LCR), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		
Direction 1 Adjustment Fact	ors		
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 Cap	pacity		
Volume(V) veh/h	99	Heavy Vehicle Adjustment Factor (fHV)	0.935
Peak Hour Factor	0.84	Flow Rate (Vp), pc/h/ln	63
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (cadj), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.03
Direction 1 Speed and Densi	ty		
Lane Width Adjustment (fLW)	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (fLLC)	0.0	Density (D), pc/mi/ln	1.0
Median Type Adjustment (fM)	0.0	Level of Service (LOS)	А
Access Point Density Adjustment (fA)	0.4		
Direction 1 Bicycle LOS			
Flow Rate in Outside Lane (vOL),veh/h	59	Effective Speed Factor (St)	4.62
Effective Width of Volume (Wv), ft	27	Bicyle LOS Score (BLOS)	0.58
Average Effective Width (We), ft	33	Bicycle Level of Service (LOS)	A

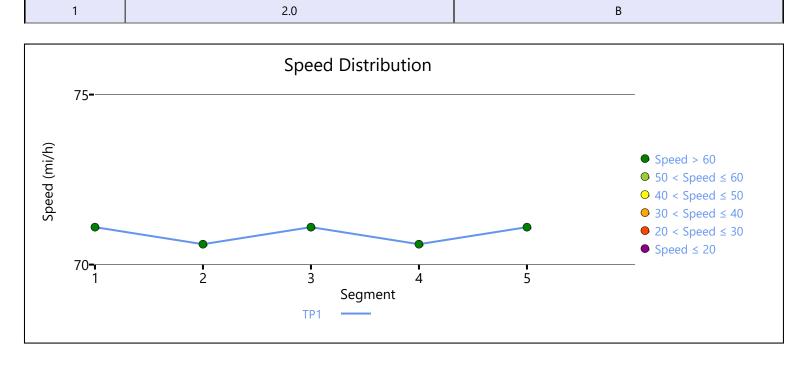
	HCS7 Multilane	Highway Report	
Project Information			
Analyst	MB	Date	9/18/2020
Agency	ВНІ	Analysis Year	2039
Jurisdiction	NMDOT	Time Period Analyzed	Design Hourly Volume
Project Description	US 380 Phase A/B Corridor Study - Section 6	Unit	United States Customary
Direction 1 Geometric Data			
Direction 1	Westbound		
Number of Lanes (N), In	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 (LCR), ft	6
Median Type	Divided	Total Lateral Clearance (TLC), ft	12
Free-Flow Speed (FFS), mi/h	64.6		
Direction 1 Adjustment Fact	ors		-
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 Cap	pacity		-
Volume(V) veh/h	128	Heavy Vehicle Adjustment Factor (fHV)	0.935
Peak Hour Factor	0.84	Flow Rate (Vp), pc/h/ln	82
Total Trucks, %	7.00	Capacity (c), pc/h/ln	2292
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (cadj), pc/h/ln	2292
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.04
Direction 1 Speed and Densi	ity		
Lane Width Adjustment (fLW)	0.0	Average Speed (S), mi/h	64.6
Total Lateral Clearance Adj. (fLLC)	0.0	Density (D), pc/mi/ln	1.3
Median Type Adjustment (fM)	0.0	Level of Service (LOS)	A
Access Point Density Adjustment (fA)	0.4		
Direction 1 Bicycle LOS			
Flow Rate in Outside Lane (vOL),veh/h	76	Effective Speed Factor (St)	4.62
Effective Width of Volume (Wv), ft	24	Bicyle LOS Score (BLOS)	1.65
	30	Bicycle Level of Service (LOS)	В

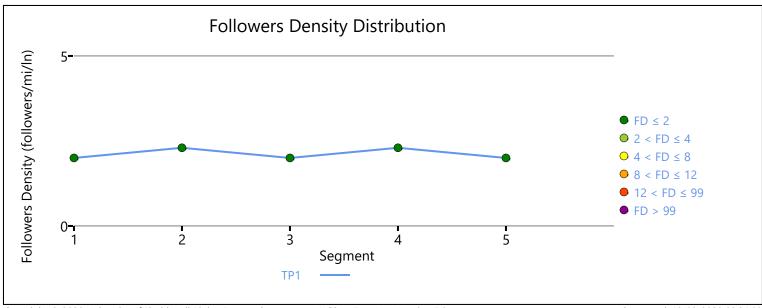
	HCS7 Two-	Lane	Highway R	eport	
Project Information					
Analyst	МВ		Date		9/9/2020
Agency	ВНІ		Analysis Year		2019
Jurisdiction	NMDOT		Time Period Analy	/zed	Design Hourly Volume
Project Description	US 380 Phase A/B 0 Study - Section 7	Corridor	Unit		United States Customary
		Segn	nent 1		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		30408
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, 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	1 Fre		mi/h	73.2
Speed Slope Coefficient	4.29827	4.29827		fficient	0.55232
PF Slope Coefficient	-1.12711	-1.12711		ent	0.82247
In Passing Lane Effective Length?	No	No		nsity, veh/mi/ln	2.0
%Improved % Followers	0.0	0.0		Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rac	dius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	1216	-		-	71.1
2 Horizontal Curve	308	648	39	3	71.1
3 Tangent	457	-		-	71.1
4 Horizontal Curve	573	119	945	4	71.1
5 Tangent	2155	-		-	71.1
6 Horizontal Curve	396	712	20	3	71.1
7 Tangent	365	-		-	71.1
8 Horizontal Curve	670	122	210	3	71.1
9 Tangent	12529	-		-	71.1
10 Horizontal Curve	1599	115	660	3	71.1
11 Tangent	3201	-		-	71.1
12 Horizontal Curve	1120	999	999	0	71.1
13 Tangent	5818	<u> </u>		-	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	В				
	9	Segn	nent 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 Der	nsity, pts/mi	2.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	368		Opposing Dema	nd Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capacit	ry (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	-1.25700		ient	0.76550
In Passing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		2.3
%Improved % Followers	0.0	0.0		Speed	0.0
Subsegment Data					·
# Segment Type	Length, ft Rad		dius, ft Superelevation, %		Average Speed, mi/h
1 Tangent				-	70.6
Vehicle Results					
Average Speed, mi/h	70.6	70.6		s, %	44.3
Segment Travel Time, minutes	0.08		Follower Density, followers/mi/ln		2.3
Vehicle LOS	В	В			
	9	Segn	nent 3		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		4786
Lane Width, ft	12		Shoulder Width,	ft	6
· ·		Access Point Density, pts/mi			
Speed Limit, mi/h	65		Access Point Der	nsity, pts/mi	2.7
Demand and Capacity	65		Access Point Der	nsity, pts/mi	2.7
·	368			nsity, pts/mi nd Flow Rate, veh/h	157
Demand and Capacity					
Demand and Capacity Directional Demand Flow Rate, veh/h	368		Opposing Demai	nd Flow Rate, veh/h	157
Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor	368 0.84		Opposing Demail	nd Flow Rate, veh/h	157 7.00
Demand and Capacity Directional Demand Flow Rate, veh/h Peak Hour Factor Segment Capacity, veh/h	368 0.84		Opposing Demail	nd Flow Rate, veh/h sy (D/C)	157 7.00

PF Slope Coefficient -1.12336		DE D C	CC - : 1	0.85130		
PF Slope Coefficient				PF Power Coe		
In Passing Lane Effective Length?		No		+	t Density, veh/mi/ln	2.0
	nproved % Followers	0.0		% Improved A	.vg Speed	0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786	-		-	71.1
Vel	hicle Results					
Ave	rage Speed, mi/h	71.1		Percent Follov	vers, %	38.1
Seg	ment Travel Time, minutes	0.76		Follower Dens	ity, followers/mi/ln	2.0
Vehi	icle LOS	А				
		•	Segr	nent 4		·
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		499
Lane	e Width, ft	12		Shoulder Wid	th, ft	6
Spe	ed Limit, mi/h	65		Access Point Density, pts/mi		2.7
De	mand and Capacity					
Dire	ectional Demand Flow Rate, veh/h	368		Opposing Der	mand Flow Rate, veh/h	-
Peal	k Hour Factor	0.84		Total Trucks, %	,	7.00
Seg	ment Capacity, veh/h	1700		Demand/Capa	acity (D/C)	0.22
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Spe	ed, mi/h	73.2
Spe	ed Slope Coefficient	4.47532		Speed Power Coefficient		0.41674
PF S	Slope Coefficient	-1.25709		PF Power Coefficient		0.76548
In Pa	assing Lane Effective Length?	No		Total Segment	Density, veh/mi/ln	2.3
%lm	nproved % Followers	0.0		% Improved A	vg Speed	0.0
Sul	bsegment Data	•				·
#	Segment Type	Length, ft	Rad	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	499	-		-	70.6
Vel	hicle Results					
Ave	rage Speed, mi/h	70.6		Percent Follow	vers, %	44.3
Seg	ment Travel Time, minutes	0.08		Follower Dens	ity, followers/mi/ln	2.3
Vehi	icle LOS	В		, , , ,		
			Segr	nent 5		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		20453
Lane	e Width, ft	12		Shoulder Wid	th, ft	6
Spe	ed Limit, mi/h	65		Access Point D	Density, pts/mi	2.7

De	mand and	Capacity						
Dire	ectional Demar	nd Flow Rate, veh/h	368		Opposin	Opposing Demand Flow Rate, veh/h		157
Pea	k Hour Factor		0.84		Total Tru	cks, %		7.00
Seg	ment Capacity	, veh/h	1700		Demand	/Capacity	(D/C)	0.22
Int	ermediate	Results						
Seg	ment Vertical	Class	1		Free-Flo	w Speed,	mi/h	73.2
Spe	ed Slope Coef	ficient	4.29786		Speed Po	ower Coe	fficient	0.55232
PF S	Slope Coefficie	nt	-1.12716		PF Powe	r Coefficie	ent	0.82245
In P	assing Lane Ef	fective Length?	No		Total Segment Density, veh/mi/ln		nsity, veh/mi/ln	2.0
%ln	nproved % Fol	lowers	0.0		% Improved Avg Speed		Speed	0.0
Su	bsegment	Data						
#	Segment Ty	pe	Length, ft	Rac	ius, ft Superelevation, %		Superelevation, %	Average Speed, mi/h
1	Tangent		18754	-			-	71.1
2	Horizontal (Curve	412	780	608		4	71.1
3	Tangent		636	-			-	71.1
4	Horizontal (Curve	246	471	0		2	71.1
5	Tangent		405	-			-	71.1
Ve	hicle Resu	lts						
Ave	rage Speed, m	ii/h	71.1		Percent	Percent Followers, %		39.1
Seg	ment Travel Ti	me, minutes	3.27		Follower	Density,	followers/mi/ln	2.0
Veh	icle LOS		В	В				
Fac	cility Resu	lts	•					
	т	Follower	Density, follower	s/mi/ln			LC	DS .
1 20					D.			





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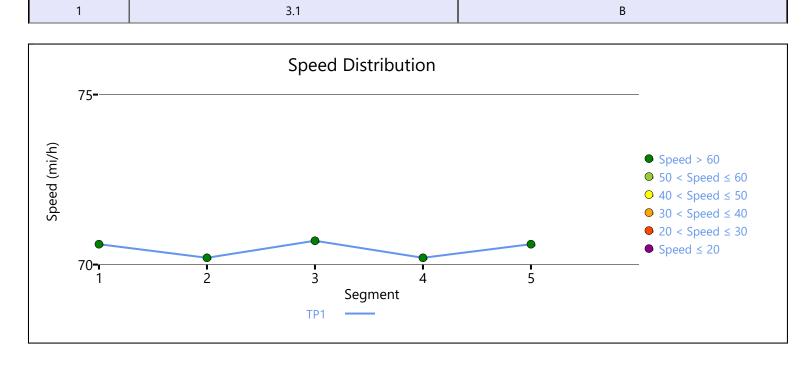
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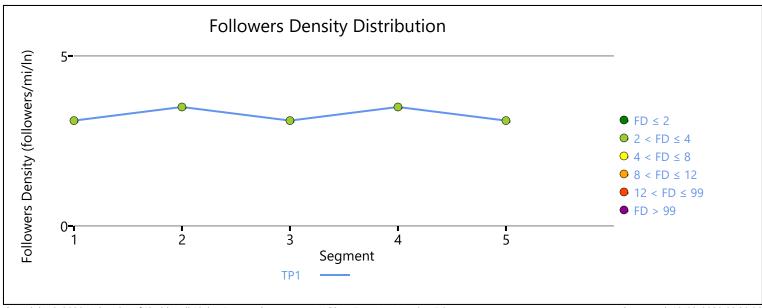
		HCS7 Two-La	ane	Highway Re	eport	
Project In	formation					
Analyst		МВ		Date		9/9/2020
Agency		ВНІ		Analysis Year		2019
Jurisdiction		NMDOT		Time Period Analy	zed	Design Hourly Volume
Project Descr	iption	US 380 Phase A/B Corr Study - Section 7	ridor	Unit		United States Customary
		Sc	egn	nent 1		
Vehicle In	puts					
Segment Type	e	Passing Zone		Length, ft		30408
Lane Width, f	t	12		Shoulder Width, f	t	6
Speed Limit, ı	mi/h	65		Access Point Dens	ity, pts/mi	2.7
Demand a	and Capacity					
Directional D	emand Flow Rate, veh/h	476		Opposing Deman	d Flow Rate, veh/h	205
Peak Hour Fa	ctor	0.84		Total Trucks, %		7.00
Segment Cap	acity, veh/h	1700		Demand/Capacity (D/C)		0.28
Intermed	iate Results					
Segment Vertical Class		1		Free-Flow Speed, mi/h		73.2
Speed Slope	Coefficient	4.31666		Speed Power Coe	fficient	0.53792
PF Slope Coe	fficient	-1.13730		PF Power Coefficie	ent	0.81806
In Passing Lar	ne Effective Length?	No		Total Segment Density, veh/mi/ln		3.1
%Improved %	6 Followers	0.0		% Improved Avg S	Speed	0.0
Subsegm	ent Data					
# Segmei	nt Type	Length, ft	Rad	ius, ft	Superelevation, %	Average Speed, mi/h
1 Tangen	t	1216	-		-	70.6
2 Horizor	ntal Curve	308	648	9	3	70.6
3 Tangen	t	457	-		-	70.6
4 Horizor	ntal Curve	573	119	45	4	70.6
5 Tangen	t	2155	-		-	70.6
6 Horizor	ntal Curve	396	712	0	3	70.6
7 Tangen	t	365	-		-	70.6
8 Horizon	ntal Curve	670	122	10	3	70.6
9 Tangen	t	12529	-		-	70.6
10 Horizor	ntal Curve	1599	115	60	3	70.6
11 Tangen	t	3201	-		-	70.6
12 Horizor	ntal Curve	1120	999	99	0	70.6
13 Tangen	t	5818	-		-	70.6
Vehicle R	esults					

			1							
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	В									
Segment 2										
Vehicle Inputs										
Segment Type	Passing Constraine	Passing Constrained			498					
Lane Width, ft	12		Shoulder Width,	t	6					
Speed Limit, mi/h	65	65		sity, pts/mi	2.7					
Demand and Capacity										
Directional Demand Flow Rate, veh/h	476		Opposing Demar	nd Flow Rate, veh/h	-					
Peak Hour Factor	0.84		Total Trucks, %		7.00					
Segment Capacity, veh/h	1700		Demand/Capacit	y (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	-1.25700		ent	0.76550					
In Passing Lane Effective Length?	No	No		ensity, veh/mi/ln	3.5					
%Improved % Followers	0.0		% Improved Avg	Speed	0.0					
Subsegment Data										
# Segment Type	Length, ft	Length, ft Radius, ft 498 -		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	В									
		Segn	nent 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 Demar	nd Flow Rate, veh/h	205					
Peak Hour Factor	0.84		Total Trucks, %		7.00					
Segment Capacity, veh/h	1700		Demand/Capacit	/ (D/C)	0.28					
Intermediate Results										
Segment Vertical Class	1		Free-Flow Speed,	mi/h	73.2					
Speed Slope Coefficient	4.26869		Speed Power Coe	efficient	0.53792					

DE C	Slope Coefficient	-1.13356		PF Power Coeff	iciont	0.84685
	assing Lane Effective Length?		No		Density, veh/mi/ln	3.1
	nproved % Followers	0.0				0.0
		0.0	0.0 % Improved Avg Speed			
	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786			-	70.7
Vel	hicle Results					
Ave	rage Speed, mi/h	70.7		Percent Follow	ers, %	45.4
Seg	ment Travel Time, minutes	0.77		Follower Densi	ty, followers/mi/ln	3.1
Vehi	icle LOS	В				
			Segr	nent 4		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		499
Lane	e Width, ft	12		Shoulder Width	n, ft	6
Spe	ed Limit, mi/h	65		Access Point D	ensity, pts/mi	2.7
De	mand and Capacity					
Directional Demand Flow Rate, veh/h		476		Opposing Dem	and Flow Rate, veh/h	-
Peak Hour Factor		0.84		Total Trucks, %		7.00
Seg	ment Capacity, veh/h	1700		Demand/Capac	city (D/C)	0.28
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Speed, mi/h		73.2
Spe	ed Slope Coefficient	4.47532	4.47532		oefficient	0.41674
PF S	Slope Coefficient	-1.25709		PF Power Coefficient		0.76548
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		3.5
%lm	nproved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	499	-		-	70.2
Vel	hicle Results	•				
Ave	rage Speed, mi/h	70.2		Percent Follow	ers, %	51.0
Seg	ment Travel Time, minutes	0.08		Follower Densi	ty, followers/mi/ln	3.5
Vehi	icle LOS	В				
			Segr	nent 5		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		20453
Lane	e Width, ft	12		Shoulder Width	n, ft	6
Sne	ed Limit, mi/h	65		Access Point D	ensity, pts/mi	2.7

De	mand and	Capacity							
Dire	ectional Demar	nd Flow Rate, veh/h	476		Opposin	g Deman	d Flow Rate, veh/h	205	
Pea	k Hour Factor		0.84	0.84 T				7.00	
Seg	ment Capacity	, veh/h	1700		Demand	/Capacity	(D/C)	0.28	
Int	ermediate	Results	·						
Seg	ment Vertical (Class	1		Free-Flo	w Speed,	mi/h	73.2	
Spe	ed Slope Coef	ficient	4.31625		Speed Po	ower Coe	fficient	0.53792	
PF S	Slope Coefficie	nt	-1.13735		PF Powe	r Coefficie	ent	0.81804	
In P	assing Lane Ef	fective Length?	No		Total Seg	gment De	nsity, veh/mi/ln	3.1	
%Improved % Followers			0.0		% Improved Avg Speed		Speed	0.0	
Su	bsegment	Data							
#	Segment Ty	pe	Length, ft	Rac	lius, ft		Superelevation, %	Average Speed, mi/h	
1	Tangent		18754	-			-	70.6	
2	Horizontal C	Curve	412	780	8	8 4		70.6	
3	Tangent		636	-			-	70.6	
4	Horizontal C	Curve	246	471	0		2	70.6	
5	Tangent		405	-			-	70.6	
Ve	hicle Resu	lts							
Ave	rage Speed, m	i/h	70.6		Percent I	Followers,	, %	46.2	
Seg	ment Travel Ti	me, minutes	3.29		Follower	Density,	followers/mi/ln	3.1	
Veh	Vehicle LOS B								
Fac	cility Resul	ts							
	т	Follower	Density, follower	s/mi/ln			LC	os	
	1	3.1				D			





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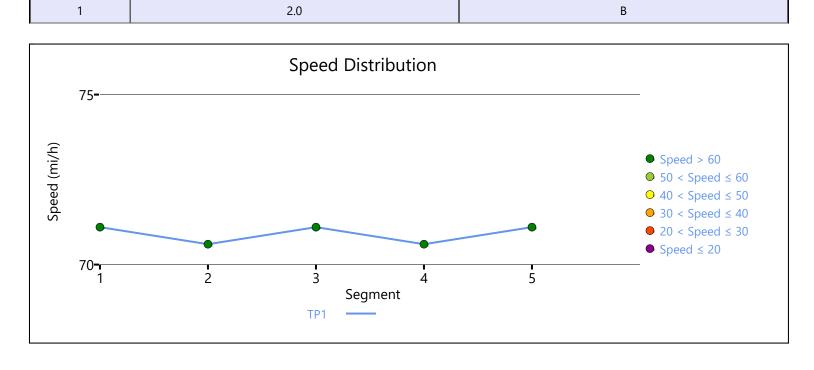
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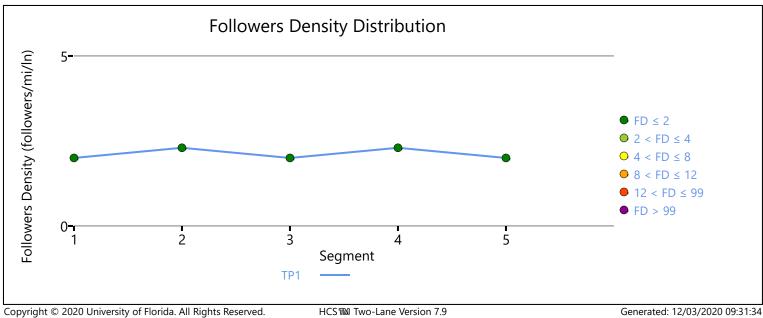
	HCS7 Two-l	Lane	Highway R	eport	
Project Information					
Analyst	MB		Date		9/9/2020
Agency	ВНІ		Analysis Year		2019
Jurisdiction	NMDOT		Time Period Analy	/zed	Design Hourly Volume
Project Description	US 380 Phase A/B C Study - Section 7	orridor	Unit		United States Customary
	:	Segn	nent 1		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		30457
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	2.7
Demand and Capacity					
Directional Demand Flow Rate,	veh/h 368		Opposing Deman	d Flow Rate, veh/h	157
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700	1700		γ (D/C)	0.22
Intermediate Results					
Segment Vertical Class	1		Free-Flow Speed,	mi/h	73.2
Speed Slope Coefficient	4.29827	4.29827		fficient	0.55232
PF Slope Coefficient	-1.12711	-1.12711		ent	0.82247
In Passing Lane Effective Length	n? No	No		nsity, veh/mi/ln	2.0
%Improved % Followers	0.0	0.0		Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Rad	lius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	1218	1-		-	71.1
2 Horizontal Curve	308	300	0	0	71.1
3 Tangent	458	-		-	71.1
4 Horizontal Curve	574	300	0	0	71.1
5 Tangent	2158	-		-	71.1
6 Horizontal Curve	397	300	0	0	71.1
7 Tangent	366	-		-	71.1
8 Horizontal Curve	671	300	0	0	71.1
9 Tangent	12549	-		-	71.1
10 Horizontal Curve	1602	300	0	0	71.1
11 Tangent	3206	-		-	71.1
12 Horizontal Curve	1122	300	0	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	В				
		Segn	nent 2		
Vehicle Inputs					
Segment Type	Passing Constrair	ned	Length, ft		498
Lane Width, ft	12		Shoulder Width, f	t	6
Speed Limit, mi/h	65		Access Point Dens	sity, pts/mi	2.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	368		Opposing Deman	d 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 Coeffici	ent	0.76550
In Passing Lane Effective Length?	No		Total Segment De	ensity, veh/mi/ln	2.3
%Improved % Followers	0.0		% Improved Avg	Speed	0.0
Subsegment Data	·				
# Segment Type	Length, ft Rad		lius, 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	В				
		Segn	nent 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 Deman	nd 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
-	4.25031		1 '		

DE C	Slope Coefficient	1 12226		PF Power Coef	TT at a su	0.05120	
In Passing Lane Effective Length?		-1.12336	No			0.85130	
%Improved % Followers					Density, veh/mi/ln	2.0	
		0.0		% Improved A	vg Speed	0.0	
Sul	bsegment Data						
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	4786	-		-	71.1	
Vel	hicle Results						
Ave	rage Speed, mi/h	71.1		Percent Follow	vers, %	38.1	
Seg	ment Travel Time, minutes	0.76		Follower Dens	ity, followers/mi/ln	2.0	
Vehi	icle LOS	А					
		•	Segr	nent 4			
Vel	hicle Inputs						
Seg	ment Type	Passing Constrain	ned	Length, ft		500	
Lane	e Width, ft	12		Shoulder Widt	h, ft	6	
Spe	ed Limit, mi/h	65		Access Point D	Pensity, pts/mi	2.7	
De	mand and Capacity						
Directional Demand Flow Rate, veh/h		368		Opposing Der	nand Flow Rate, veh/h	-	
Peal	k Hour Factor	0.84		Total Trucks, %		7.00	
Seg	ment Capacity, veh/h	1700		Demand/Capa	city (D/C)	0.22	
Int	ermediate Results						
Seg	ment Vertical Class	1		Free-Flow Spe	ed, mi/h	73.2	
Spe	ed Slope Coefficient	4.47532		Speed Power Coefficient		0.41674	
PF S	Slope Coefficient	-1.25709		PF Power Coefficient		0.76548	
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		2.3	
%lm	nproved % Followers	0.0		% Improved Avg Speed		0.0	
Sul	bsegment Data	•					
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h	
1	Tangent	500	-		-	70.6	
Vel	hicle Results						
Ave	rage Speed, mi/h	70.6		Percent Follow	vers, %	44.3	
Seg	ment Travel Time, minutes	0.08		Follower Dens	ity, followers/mi/ln	2.3	
Vehicle LOS		В					
			Segr	nent 5			
Vel	hicle Inputs						
Seg	ment Type	Passing Zone		Length, ft		19879	
Lane	e Width, ft	12		Shoulder Widt	h, ft	6	
Speed Limit, mi/h 65				Access Point Density, pts/mi 2.7			

De	mand and	Capacity						
Dire	ectional Demai	nd Flow Rate, veh/h	368	368		Opposing Demand Flow Rate, veh/h		157
Pea	k Hour Factor		0.84		Total Tru	cks, %		7.00
Seg	ment Capacity	, veh/h	1700		Demand	/Capacity	(D/C)	0.22
Int	ermediate	Results	-					
Seg	ment Vertical	Class	1		Free-Flo	w Speed,	mi/h	73.2
Spe	ed Slope Coef	ficient	4.29786		Speed Po	ower Coe	fficient	0.55232
PF S	Slope Coefficie	nt	-1.12716		PF Powe	r Coefficie	ent	0.82245
In P	assing Lane Ef	fective Length?	No		Total Seg	gment De	nsity, veh/mi/ln	2.0
%Improved % Followers		0.0		% Improved Avg Speed		Speed	0.0	
Su	bsegment	Data						
#	Segment Ty	pe	Length, ft	Rac	lius, ft		Superelevation, %	Average Speed, mi/h
1	Tangent		18227	-			-	71.1
2	Horizontal (Curve	400	300	0	0		71.1
3	Tangent		619	-		-		71.1
4	Horizontal (Curve	239	300	0		0	71.1
5	Tangent		394	-			-	71.1
Ve	hicle Resu	lts						
Ave	rage Speed, m	ni/h	71.1		Percent	Followers,	, %	39.1
Seg	ment Travel Ti	me, minutes	3.18		Follower	Density,	followers/mi/ln	2.0
Veh	icle LOS		В	В				
Fac	cility Resu	lts						•
	т	Follower	r Density, follower	s/mi/ln			LC	DS .
1			2.0					





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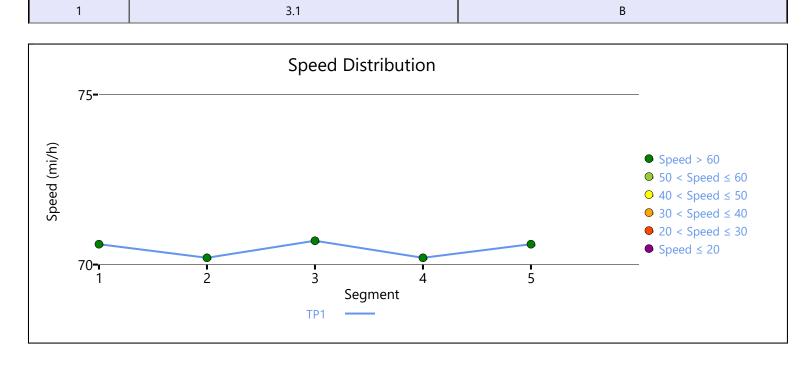
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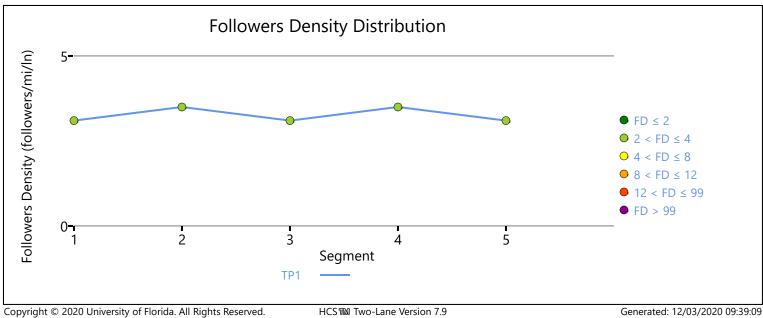
		HCS7 Two-La	ane	Highway Re	eport	
Proj	ect Information		_			
Analy	rst	МВ		Date		9/9/2020
Agen	су	ВНІ		Analysis Year		2039
Juriso	liction	NMDOT		Time Period Analy	zed	Design Hourly Volume
Proje	ct Description	US 380 Phase A/B Corr Study - Section 7	ridor	Unit		United States Customary
		So	egn	nent 1		
Veh	icle Inputs					
Segm	ent Type	Passing Zone		Length, ft		30457
Lane	Width, ft	12		Shoulder Width, f	t	6
Speed	d Limit, mi/h	65		Access Point Dens	ity, pts/mi	2.7
Den	nand and Capacity					
Direc	tional Demand Flow Rate, veh/h	476		Opposing Deman	d Flow Rate, veh/h	205
Peak	Hour Factor	0.84		Total Trucks, %		7.00
Segm	nent Capacity, veh/h	1700		Demand/Capacity (D/C)		0.28
Inte	rmediate Results					
Segment Vertical Class		1		Free-Flow Speed,	mi/h	73.2
Speed	d Slope Coefficient	4.31666		Speed Power Coe	fficient	0.53792
PF Slo	ope Coefficient	-1.13730		PF Power Coefficie	ent	0.81806
In Pas	ssing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		3.1
%lmp	proved % Followers	0.0		% Improved Avg S	Speed	0.0
Sub	segment Data					
#	Segment Type	Length, ft	Rad	ius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	1218	1-		-	70.6
2	Horizontal Curve	308	300	0	0	70.6
3	Tangent	458	-		-	70.6
4	Horizontal Curve	574	300	0	0	70.6
5	Tangent	2158	-		-	70.6
6	Horizontal Curve	397	300	0	0	70.6
7	Tangent	366	-		-	70.6
8	Horizontal Curve	671	300	0	0	70.6
9	Tangent	12549	-		-	70.6
10	Horizontal Curve	1602	300	0	0	70.6
11	Tangent	3206	-		-	70.6
12	Horizontal Curve	1122	300	0	0	70.6
13	Tangent	5827	-		-	70.6
Veh	icle Results					

Average Speed, mi/h	70.6		Percent Follow	ers, %	46.2
Segment Travel Time, minutes	4.90		Follower Density, followers/mi/ln		3.1
Vehicle LOS	В				
		Segn	nent 2		
Vehicle Inputs					
Segment Type	Passing Constraine	ed	Length, ft		498
Lane Width, ft	12		Shoulder Width	ı, ft	6
Speed Limit, mi/h	65		Access Point D	ensity, pts/mi	2.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h	476		Opposing Dem	and Flow Rate, veh/h	-
Peak Hour Factor	0.84		Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capac	city (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 Coeff	icient	0.76550
In Passing Lane Effective Length?	No		Total Segment	Density, veh/mi/ln	3.5
%Improved % Followers	0.0		% Improved Av	g Speed	0.0
Subsegment Data					
# Segment Type	Length, ft	Length, ft Rad		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	В				
		Segn	nent 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 D	ensity, pts/mi	2.7
Demand and Capacity					
Directional Demand Flow Rate, veh/h 476			Opposing Dem	and Flow Rate, veh/h	205
Peak Hour Factor 0.84			Total Trucks, %		7.00
Segment Capacity, veh/h	1700		Demand/Capac	city (D/C)	0.28
Intermediate Results					
Segment Vertical Class	1		Free-Flow Spee	ed, mi/h	73.2
			1	oefficient	0.53792

DE C	ilope Coefficient	-1.13356		PF Power Coef	ficient	0.84685
	assing Lane Effective Length?		No		Density, veh/mi/ln	3.1
%Improved % Followers		0.0			vg Speed	0.0
	bsegment Data	0.0		78 Improved A	vg Speed	0.0
		I				I
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	4786	-		-	70.7
Vel	hicle Results					
Ave	rage Speed, mi/h	70.7		Percent Follow	vers, %	45.4
Seg	ment Travel Time, minutes	0.77		Follower Dens	ity, followers/mi/ln	3.1
Vehi	icle LOS	В				
			Segr	nent 4		
Vel	hicle Inputs					
Seg	ment Type	Passing Constrain	ned	Length, ft		500
Lane	e Width, ft	12		Shoulder Widt	h, ft	6
Spe	ed Limit, mi/h	65		Access Point D	ensity, pts/mi	2.7
De	mand and Capacity					
Directional Demand Flow Rate, veh/h		476		Opposing Den	nand Flow Rate, veh/h	-
Peak Hour Factor		0.84		Total Trucks, %)	7.00
Seg	ment Capacity, veh/h	1700		Demand/Capa	city (D/C)	0.28
Int	ermediate Results					
Seg	ment Vertical Class	1		Free-Flow Spe	ed, mi/h	73.2
Spe	ed Slope Coefficient	4.47532	4.47532		Coefficient	0.41674
PF S	lope Coefficient	-1.25709		PF Power Coefficient		0.76548
In Pa	assing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		3.5
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sul	bsegment Data	•				•
#	Segment Type	Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	500	-		-	70.2
Vel	hicle Results					
Ave	rage Speed, mi/h	70.2		Percent Follow	vers, %	51.0
Seg	ment Travel Time, minutes	0.08		Follower Dens	ity, followers/mi/ln	3.5
Vehi	icle LOS	В				
			Segr	ment 5		
Vel	hicle Inputs					
Seg	ment Type	Passing Zone		Length, ft		19879
Lane	e Width, ft	12		Shoulder Widt	h, ft	6
Sne	ed Limit, mi/h	65		Access Point D	ensity, pts/mi	2.7

De	mand and	Capacity							
Dire	ectional Deman	nd Flow Rate, veh/h	476		Opposin	g Deman	d Flow Rate, veh/h	205	
Pea	k Hour Factor		0.84	0.84 To				7.00	
Seg	ment Capacity	, veh/h	1700		Demand	/Capacity	(D/C)	0.28	
Int	ermediate	Results							
Seg	ment Vertical (Class	1		Free-Flov	w Speed,	mi/h	73.2	
Spe	ed Slope Coeff	ficient	4.31625		Speed Po	ower Coe	fficient	0.53792	
PF S	Slope Coefficie	nt	-1.13735		PF Powe	r Coefficie	ent	0.81804	
In P	assing Lane Eff	fective Length?	No		Total Seg	gment De	nsity, veh/mi/ln	3.1	
%ln	nproved % Foll	owers	0.0		% Improved Avg Speed		Speed	0.0	
Su	bsegment	Data							
#	Segment Typ	pe	Length, ft	Rac	lius, ft	us, ft Superelevation, %		Average Speed, mi/h	
1	Tangent		18227	-			-	70.6	
2	Horizontal C	Curve	400	300	0	0		70.6	
3	Tangent		619	-			-	70.6	
4	Horizontal C	Turve	239	300	0		0	70.6	
5	Tangent		394	-			-	70.6	
Ve	hicle Resul	lts							
Ave	rage Speed, m	i/h	70.6		Percent I	Followers,	, %	46.2	
Seg	ment Travel Tir	me, minutes	3.20		Follower	Density,	followers/mi/ln	3.1	
Veh	icle LOS		В	В					
Fac	cility Resul	ts	•						
	т	Follower	Density, follower	s/mi/ln			LC	S	
	1	2.1				D.			





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