APPENDIX 25-7

HIGHWAY CAPACITY SOFTWARE (HCS) LEVEL OF SERVICE OUTPUT

Project Information

Pro	ject Information				
Anal	yst		Date		1/22/2020
Ager	су	TRC	Analysis Year		2020
Juris	diction	NYSDOT	Time Period Ana	lyzed	Existing Design Hour
Proje	ect Description	NY 414 (North of Projec Location A	ct) - Unit		United States Customa
		Se	gment 1		
Veh	icle Inputs				
Segn	nent Type	Passing Zone	Length, ft		5280
Lane	Width, ft	11	Shoulder Width,	ft	6
Spee	d Limit, mi/h	55	Access Point De	nsity, pts/mi	3.0
Der	nand and Capacity				
Direc	tional Demand Flow Rate, veh/h	201	Opposing Dema	ind Flow Rate, veh/h	134
Peak	Hour Factor	0.94	Total Trucks, %		12.68
Segn	nent Capacity, veh/h	1700	Demand/Capaci	ty (D/C)	0.12
Inte	ermediate Results				
Segn	nent Vertical Class	1	Free-Flow Speed	d, mi∕h	60.9
Spee	d Slope Coefficient	3.58100	Speed Power Co	oefficient	0.56042
PF SI	ope Coefficient	-1.18740	PF Power Coeffic	cient	0.82046
In Pa	ssing Lane Effective Length?	No	Total Segment D	Pensity, veh/mi/ln	0.9
%lm	proved % Followers	0.0	% Improved Avg	y Speed	0.0
Sub	osegment Data				
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	59.9
Veh	icle Results	· · · · · · · · · · · · · · · · · · ·			
Aver	age Speed, mi/h	59.9	Percent Follower	rs, %	27.3
Segn	nent Travel Time, minutes	1.00	Followers Densit	ty, followers/mi/ln	0.9
Vehicle LOS		A			

Existing - Location A.xuf

Informer • -

Proj	ject Information				
Analy	vst		Date		1/22/2020
Agen	су	TRC	Analysis Year		2020
Jurisc	diction	NYSDOT	Time Period Anal	yzed	Existing Design Hour
Proje	ct Description	NY 414 (South of Projec Location B	t) - Unit		United States Customary
		Se	gment 1		
Veh	icle Inputs				
Segn	nent Type	Passing Zone	Length, ft		5280
Lane	Width, ft	11	Shoulder Width,	ft	6
Spee	d Limit, mi/h	55	Access Point Den	sity, pts/mi	2.0
Den	nand and Capacity				
Direc	tional Demand Flow Rate, veh/h	254	Opposing Demar	nd Flow Rate, veh/h	170
Peak	Hour Factor	0.94	Total Trucks, %		9.02
Segm	nent Capacity, veh/h	1700	Demand/Capacity	y (D/C)	0.15
Inte	ermediate Results				
Segn	nent Vertical Class	1	Free-Flow Speed,	mi/h	61.3
Spee	d Slope Coefficient	3.61638	Speed Power Coe	efficient	0.54810
PF Slo	ope Coefficient	-1.19652	PF Power Coeffici	ient	0.81754
In Pa	ssing Lane Effective Length?	No	Total Segment De	ensity, veh/mi/ln	1.4
%lmp	proved % Followers	0.0	% Improved Avg	Speed	0.0
Sub	segment Data				
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	60.0
Veh	icle Results				
Avera	age Speed, mi/h	60.0	Percent Followers	5, %	32.3
Segm	nent Travel Time, minutes	1.00	Followers Density	/, followers/mi/ln	1.4
Vehicle LOS		A			

Existing - Location B.xuf

Project Information

Project Information					
Analyst		Date			1/22/2020
Agency	TRC	Analy	vsis Year		2020
Jurisdiction	NYSDOT	Time	Period Analy	yzed	Existing Design Hour
Project Description	CR 18 - Location C	Unit			United States Customary
	S	Segment	1		
Vehicle Inputs					
Segment Type	Passing Zone	Leng	th, ft		5280
Lane Width, ft	10	Shou	lder Width, f	īt	2
Speed Limit, mi/h	55	Acces	ss Point Den	sity, pts/mi	1.0
Demand and Capacity					
Directional Demand Flow Rate, veh/h	84	Орро	Opposing Demand Flow Rate, veh/h		55
Peak Hour Factor	0.94	Total	Total Trucks, %		5.79
Segment Capacity, veh/h	1700	Dema	Demand/Capacity (D/C)		0.05
Intermediate Results	·				
Segment Vertical Class	1	Free-	Flow Speed,	mi/h	58.3
Speed Slope Coefficient	3.39334	Spee	d Power Coe	fficient	0.59795
PF Slope Coefficient	-1.16675	PF Pc	PF Power Coefficient		0.82171
In Passing Lane Effective Length?	No	Total	Total Segment Density, veh/mi/ln		0.2
%Improved % Followers	0.0	% Im	% Improved Avg Speed		0.0
Subsegment Data					
# Segment Type	Length, ft	Radius, ft		Superelevation, %	Average Speed, mi/h
1 Tangent	5280	-		-	58.3
Vehicle Results					
Average Speed, mi/h	58.3	Perce	ent Followers	i, %	14.1
Segment Travel Time, minutes	1.03	Follo	wers Density	r, followers/mi/ln	0.2
Vehicle LOS	A				

HCSTM Two-Lane Version 7.8 Existing - Location C.xuf

Proj	ect Information					
Analys	st			Date		1/22/2020
Ageno	Cy	TRC		Analysis Year		2020
Jurisd	iction	NYSDOT		Time Period Analy	/zed	Existing Design Hour
Projec	t Description	Bronson Hill Road - Location D		Unit		United States Customary
		:	Segm	ent 1		
Vehi	icle Inputs					
Segm	ent Type	Passing Zone		Length, ft		5280
Lane \	Width, ft	10		Shoulder Width, f	t	2
Speed	l Limit, mi/h	55		Access Point Dens	sity, pts/mi	2.0
Dem	and and Capacity					
Direct	ional Demand Flow Rate, veh/h	17		Opposing Demand Flow Rate, veh/h		12
Peak H	Hour Factor	0.94		Total Trucks, %		4.33
Segm	ent Capacity, veh/h	1700		Demand/Capacity	/ (D/C)	0.01
Inte	rmediate Results					
Segm	ent Vertical Class	1		Free-Flow Speed,	mi/h	58.1
Speed	l Slope Coefficient	3.34079		Speed Power Coefficient		0.63832
PF Slo	pe Coefficient	-1.13231		PF Power Coefficient		0.83157
In Pas	sing Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.0
%lmp	roved % Followers	0.0		% Improved Avg Speed		0.0
Sub	segment Data					
#	Segment Type	Length, ft	Radi	ius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-		-	58.1
Vehi	icle Results				• •	
Avera	ge Speed, mi/h	58.1		Percent Followers	, %	3.8
Segm	ent Travel Time, minutes	1.03		Followers Density, followers/mi/ln		0.0
Vehicl	e LOS	A				

Existing - Location D.xuf

HCS7 Two-Lane H	Highway Report
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Project Information

	ject Information				
Anal	yst		Date		1/22/2020
Ager	су	TRC	Analysis Year		2020
Juris	diction	NYSDOT	Time Period A	nalyzed	Existing Design Hour
Proje	ect Description	Baker Hill Road - Locatio E	on Unit		United States Customar
		Se	gment 1		
Veh	icle Inputs				
Segn	nent Type	Passing Zone	Length, ft		5280
Lane	Width, ft	10	Shoulder Widt	h, ft	2
Spee	ed Limit, mi/h	55	Access Point D	ensity, pts/mi	2.0
Der	mand and Capacity				
Direc	tional Demand Flow Rate, veh/h	19	Opposing Der	nand Flow Rate, veh/h	13
Peak	Hour Factor	0.94	Total Trucks, %)	5.00
Segn	nent Capacity, veh/h	1700	Demand/Capa	city (D/C)	0.01
Inte	ermediate Results				
Segn	nent Vertical Class	1	Free-Flow Spe	ed, mi/h	58.0
Spee	d Slope Coefficient	3.34115	Speed Power (Coefficient	0.63672
PF SI	ope Coefficient	-1.13371	PF Power Coef	ficient	0.83118
In Pa	ssing Lane Effective Length?	No	Total Segment	: Density, veh/mi/ln	0.0
%lm	proved % Followers	0.0	% Improved A	vg Speed	0.0
Sub	osegment Data				
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	58.0
Veh	icle Results				
Aver	age Speed, mi/h	58.0	Percent Follow	vers, %	4.1
Segn	nent Travel Time, minutes	1.03	Followers Den	sity, followers/mi/ln	0.0
Vehicle LOS A					

Existing - Location E.xuf

Project Information

Project Information				
Analyst		Date		1/22/2020
Agency	TRC	Analysis Year		2020
Jurisdiction	NYSDOT	Time Period Anal	lyzed	Existing Design Hour
Project Description	Hedden Road - Location	F Unit		United States Customary
	Se	gment 1		
Vehicle Inputs				
Segment Type	Passing Zone	Length, ft		5280
Lane Width, ft	10	Shoulder Width,	ft	2
Speed Limit, mi/h	55	Access Point Den	nsity, pts/mi	2.0
Demand and Capacity				
Directional Demand Flow Rate, veh/h	19	Opposing Demai	nd Flow Rate, veh/h	13
Peak Hour Factor	0.94	Total Trucks, %		5.00
Segment Capacity, veh/h	1700	Demand/Capacit	y (D/C)	0.01
Intermediate Results				
Segment Vertical Class	1	Free-Flow Speed	, mi/h	58.0
Speed Slope Coefficient	3.34115	Speed Power Coe	efficient	0.63672
PF Slope Coefficient	-1.13371	PF Power Coeffic	ient	0.83118
In Passing Lane Effective Length?	No	Total Segment D	ensity, veh/mi/ln	0.0
%Improved % Followers	0.0	% Improved Avg	Speed	0.0
Subsegment Data				
# Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	5280	-	-	58.0
Vehicle Results				
Average Speed, mi/h	58.0	Percent Followers	s, %	4.1
Segment Travel Time, minutes	1.03	Followers Density	y, followers/mi/ln	0.0
Vehicle LOS	A			

HCSTM Two-Lane Version 7.8 Existing - Location F.xuf

Project Information

		Date		1/22/2020
TRC		Analysis Year		2020
NYSDOT		Time Period Anal	yzed	Existing Design Hour
CR 16 - Location	G	Unit		United States Customary
	Segr	ment 1		
Passing Zone		Length, ft		5280
11		Shoulder Width, f	ft	4
55		Access Point Den	sity, pts/mi	2.0
117		Opposing Demand Flow Rate, veh/h		79
0.94		Total Trucks, %		7.83
1700		Demand/Capacity (D/C)		0.07
1		Free-Flow Speed,	mi/h	59.9
3.49938	3.49938		efficient	0.58447
-1.17157	-1.17157		ent	0.82340
No	No		ensity, veh/mi/ln	0.4
0.0		% Improved Avg Speed		0.0
Length, ft	Ra	dius, ft	Superelevation, %	Average Speed, mi/h
5280	-		-	59.6
			•	
59.6		Percent Followers	i, %	18.1
1.01		Followers Density	r, followers/mi/ln	0.4
A				
	NYSDOT CR 16 - Location Passing Zone 11 55 11 55 11 0.94 1700 1 3.49938 -1.17157 No 0.0 Length, ft 5280 59.6 1.01 A	NYSDOT CR 16 - Location G Segu I Passing Zone 11 55 11 0.94 1700 1700 1 3.49938 -1.17157 No 0.0 Length, ft S280 1.01 A	IRC Analysis Year NYSDOT Time Period Analysis Year CR 16 - Location G Unit Segment 1 Passing Zone Length, ft 11 Shoulder Width, ft 55 Access Point Den 117 Opposing Demar 0.94 Total Trucks, % 1700 Demand/Capacity 13.49938 Speed Power Coe -1.17157 PF Power Coeffici No Total Segment De 0.0 % Improved Avg Length, ft Radius, ft 5280 - 101 Redust, ft 59.6 Percent Followers 1.01 Followers Density	TRC Analysis Year NYSDOT Time Period Analyzed CR 16 - Location G Unit Segment 1 Segment 1 Passing Zone Length, ft 11 Shoulder Width, ft 55 Access Point Density, pts/mi 117 Opposing Demand Flow Rate, veh/h 0.94 Total Trucks, % 1700 Demand/Capacity (D/C) 1 Free-Flow Speed, mi/h 3.49938 Speed Power Coefficient 1.17157 PF Power Coefficient No Total Segment Density, veh/mi/ln 0.0 % Improved Avg Speed Length, ft Radius, ft Superelevation, % 5280 - - Spe.6 Percent Followers, % 1.01 Followers Density, followers/mi/ln

HCS 1 Two-Lane Version 7.8 Existing - Location G.xuf

Project Information

Pro	ject Information				
Analy	/st	ВН	Date		04/22/2020
Ager	су	PDE	Analysis Year		2020
Juriso	diction	NYSDOT	Time Period Anal	yzed	Construction Peak Hour
Proje	ect Description	NY 414 (North of Projec Location A	t) - Unit		United States Customary
		Se	gment 1		
Veh	icle Inputs				
Segn	nent Type	Passing Zone	Length, ft		5280
Lane	Width, ft	11	Shoulder Width, f	ft	6
Spee	d Limit, mi/h	55	Access Point Den	sity, pts/mi	3.0
Der	nand and Capacity				
Direc	tional Demand Flow Rate, veh/h	206	Opposing Demar	nd Flow Rate, veh/h	139
Peak	Hour Factor	0.94	Total Trucks, %		12.20
Segn	nent Capacity, veh/h	1700	Demand/Capacity	y (D/C)	0.12
Inte	ermediate Results				
Segn	nent Vertical Class	1	Free-Flow Speed,	mi/h	60.9
Spee	d Slope Coefficient	3.58422	Speed Power Coe	efficient	0.55848
PF SI	ope Coefficient	-1.18904	PF Power Coeffici	ent	0.81990
In Pa	ssing Lane Effective Length?	No	Total Segment De	ensity, veh/mi/ln	1.0
%lm	proved % Followers	0.0	% Improved Avg	Speed	0.0
Sub	osegment Data				
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	59.9
Veh	icle Results	· · · ·			
Avera	age Speed, mi/h	59.9	Percent Followers	5, %	27.8
Segn	nent Travel Time, minutes	1.00	Followers Density	, followers/mi/ln	1.0
Vehio	cle LOS	A			

HCS 1 Two-Lane Version 7.8

Existing - Location A.xuf

Project Information

Pro	ject Information				
Analy	vst	ВН	Date		04/22/2020
Agen	су	PDE	Analysis Year		2020
Juriso	diction	NYSDOT	Time Period Ana	lyzed	Construction Peak Hour
Proje	ct Description	NY 414 (South of Projec Location B	t) - Unit		United States Customary
		Se	gment 1		
Veh	icle Inputs				
Segn	nent Type	Passing Zone	Length, ft		5280
Lane	Width, ft	11	Shoulder Width,	ft	6
Spee	d Limit, mi/h	55	Access Point Der	nsity, pts/mi	2.0
Der	nand and Capacity				
Direc	tional Demand Flow Rate, veh/h	317	Opposing Dema	nd Flow Rate, veh/h	233
Peak	Hour Factor	0.94	Total Trucks, %		17.35
Segn	nent Capacity, veh/h	1700	Demand/Capacit	ty (D/C)	0.19
Inte	ermediate Results				
Segn	nent Vertical Class	1	Free-Flow Speed	l, mi/h	61.0
Spee	d Slope Coefficient	3.62433	Speed Power Co	efficient	0.53048
PF SI	ope Coefficient	-1.21192	PF Power Coeffic	ient	0.81302
In Pa	ssing Lane Effective Length?	No	Total Segment D	ensity, veh/mi/ln	2.0
%lmp	proved % Followers	0.0	% Improved Avg	Speed	0.0
Sub	segment Data				
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	59.4
Veh	icle Results			-	
Avera	age Speed, mi/h	59.4	Percent Follower	s, %	37.9
Segn	nent Travel Time, minutes	1.01	Followers Densit	y, followers/mi/ln	2.0
Vehic	le LOS	В			

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HCS 1 Two-Lane Version 7.8

Existing - Location B.xuf

Project Information

Floject	t Information					
Analyst		ВН		Date		04/22/2020
Agency		PDE		Analysis Year		2020
Jurisdictio	on	NYSDOT		Time Period Analy	zed	Construction Peak Hour
Project De	escription	CR 18 - Location C		Unit		United States Customary
		S	egm	ent 1		
Vehicle	e Inputs					
Segment	Туре	Passing Zone		Length, ft		5280
Lane Widt	th, ft	10		Shoulder Width, f	t	2
Speed Lin	nit, mi/h	55		Access Point Dens	sity, pts/mi	1.0
Deman	nd and Capacity					
Directiona	al Demand Flow Rate, veh/h	147		Opposing Demand Flow Rate, veh/h		118
Peak Hou	r Factor	0.94		Total Trucks, %		24.32
Segment	Capacity, veh/h	1700		Demand/Capacity (D/C)		0.09
Interm	ediate Results					
Segment '	Vertical Class	1		Free-Flow Speed,	mi/h	57.6
Speed Slo	ppe Coefficient	3.39544		Speed Power Coefficient		0.56657
PF Slope (Coefficient	-1.19486		PF Power Coefficient		0.81434
In Passing	g Lane Effective Length?	No		Total Segment Density, veh/mi/ln		0.6
%Improve	ed % Followers	0.0		% Improved Avg Speed		0.0
Subseg	jment Data					
# Seg	iment Type	Length, ft	Radiu	us, ft	Superelevation, %	Average Speed, mi/h
1 Tang	gent	5280	-		-	57.0
Vehicle	Results	-			•	
Average S	Speed, mi/h	57.0		Percent Followers,	, %	22.2
Segment	Travel Time, minutes	1.05		Followers Density,	, followers/mi/ln	0.6
Vehicle LC	DS	A				

HCS TM Two-Lane Version 7.8 Existing - Location C.xuf

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Project Information

Pro	ject Information					
Anal	yst	вн	1	Date		04/22/2020
Ager	псу	PDE		Analysis Year		2020
Juris	diction	NYSDOT	-	Time Period Analy	zed	Construction Peak Hour
Proje	ect Description	Bronson Hill Road - Location D	-	Unit		United States Customar
			Segm	ent 1		
Veh	nicle Inputs					
Segn	nent Type	Passing Zone		Length, ft		5280
Lane	Width, ft	10	:	Shoulder Width, f	t	2
Spee	ed Limit, mi/h	55		Access Point Dens	ity, pts/mi	2.0
Der	mand and Capacity					
Direc	ctional Demand Flow Rate, veh/h	60		Opposing Demand Flow Rate, veh/h		54
Peak	Hour Factor	0.94		Total Trucks, %		1.96
Segn	nent Capacity, veh/h	1700	1	Demand/Capacity	r (D/C)	0.04
Inte	ermediate Results					
Segn	nent Vertical Class	1		Free-Flow Speed,	mi/h	58.1
Spee	ed Slope Coefficient	3.38596		Speed Power Coe	fficient	0.59864
PF SI	ope Coefficient	-1.16701		PF Power Coefficient		0.82093
In Pa	ssing Lane Effective Length?	No	-	Total Segment Density, veh/mi/ln		0.1
%lm	proved % Followers	0.0		% Improved Avg Speed		0.0
Sub	osegment Data					
#	Segment Type	Length, ft	Radiu	us, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-		-	58.1
Veh	nicle Results				•	
Aver	age Speed, mi/h	58.1		Percent Followers, %		10.9
Segn	nent Travel Time, minutes	1.03	1	Followers Density, followers/mi/ln		0.1
Vehicle LOS		A				

HCS 1 Two-Lane Version 7.8 Existing - Location D.xuf

HCS7 Two-Lane	Highway	Report
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Project Information

Pro	ject Information				
Anal	yst	вн	Date		04/22/2020
Ager	псу	PDE	Analysis Year		2020
Juris	diction	NYSDOT	Time Period Ana	lyzed	Construction Peak Hour
Project Description		Baker Hill Road - Locatio E	on Unit		United States Customary
		Se	gment 1		•
Veł	nicle Inputs				
Segr	nent Type	Passing Zone	Length, ft		5280
Lane	Width, ft	10	Shoulder Width, ft		2
Spee	ed Limit, mi/h	55	Access Point Density, pts/mi		2.0
Dei	mand and Capacity				
Dire	ctional Demand Flow Rate, veh/h	107	Opposing Dema	nd Flow Rate, veh/h	101
Peak	Hour Factor 0.94		Total Trucks, %		51.58
Segment Capacity, veh/h 1700		Demand/Capacit	ty (D/C)	0.06	
Inte	ermediate Results				
Segment Vertical Class		1	Free-Flow Speed	l, mi/h	56.5
Speed Slope Coefficient		3.32425	Speed Power Co	efficient	0.57376
PF Slope Coefficient		-1.18967	PF Power Coeffic	cient	0.81695
In Passing Lane Effective Length?		No	Total Segment D	ensity, veh/mi/ln	0.3
%lm	proved % Followers	0.0	% Improved Avg	Speed	0.0
Suk	osegment Data				
#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	5280	-	-	56.3
Veł	nicle Results				
Average Speed, mi/h 56.3		56.3	Percent Followers, %		17.5
Segment Travel Time, minutes 1.07		1.07	Followers Density, followers/mi/ln		0.3
Vehicle LOS A		A			

Existing - Location E.xuf

Project Information

Project Information					
Analyst	ВН		Date		04/22/2020
Agency	PDE		Analysis Year		2020
Jurisdiction	NYSDOT		Time Period Ana	lyzed	Construction Peak Hour
Project Description	Hedden Road - L	ocation F	Unit		United States Customary
		Segn	nent 1		
Vehicle Inputs					
Segment Type	Passing Zone		Length, ft		5280
Lane Width, ft	10		Shoulder Width,	ft	2
Speed Limit, mi/h	55		Access Point Density, pts/mi		2.0
Demand and Capacity					
Directional Demand Flow Rate, veh	/h 54		Opposing Demand Flow Rate, veh/h		48
Peak Hour Factor	0.94		Total Trucks, %		46.67
Segment Capacity, veh/h	nent Capacity, veh/h 1700		Demand/Capacity (D/C)		0.03
Intermediate Results			<u>`</u>		
Segment Vertical Class 1		Free-Flow Speed, mi/h		56.6	
Speed Slope Coefficient 3.30063			Speed Power Coefficient		0.60294
PF Slope Coefficient	-1.16365	-1.16365		cient	0.82444
In Passing Lane Effective Length?	No	No		ensity, veh/mi/ln	0.1
%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	5280	-		-	56.6
Vehicle Results	•			•	
Average Speed, mi/h 56.6			Percent Followers, %		10.0
Segment Travel Time, minutes 1.06			Followers Density, followers/mi/ln		0.1
Vehicle LOS	A				

HCS T Two-Lane Version 7.8 Existing - Location F.xuf

Project Information

Project Information				
Analyst	ВН	Date		04/22/2020
Agency	PDE	Analysis Year		2020
Jurisdiction	NYSDOT	Time Period /	Analyzed	Construction Peak Hour
Project Description	CR 16 - Location G	Unit		United States Customary
		Segment 1		
Vehicle Inputs				
Segment Type	Passing Zone	Length, ft		5280
Lane Width, ft	11	Shoulder Wid	dth, ft	4
Speed Limit, mi/h	55 Access Point Density, pts/mi		2.0	
Demand and Capacity				
Directional Demand Flow Rate, veh/h	166	Opposing De	emand Flow Rate, veh/h	128
Peak Hour Factor	0.94		%	24.17
Segment Capacity, veh/h	1700	Demand/Cap	oacity (D/C)	0.10
Intermediate Results		·		
Segment Vertical Class 1		Free-Flow Sp	eed, mi/h	59.4
Speed Slope Coefficient 3.49504		Speed Power	Coefficient	0.56282
PF Slope Coefficient	-1.19104	PF Power Coe	efficient	0.81845
In Passing Lane Effective Length?	No	Total Segmer	nt Density, veh/mi/ln	0.7
%Improved % Followers	0.0	% Improved	Avg Speed	0.0
Subsegment Data				
# Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1 Tangent	5280	-	-	58.6
Vehicle Results				
Average Speed, mi/h 58.6		Percent Follo	wers, %	24.0
Segment Travel Time, minutes 1.02		Followers De	nsity, followers/mi/ln	0.7
Vehicle LOS	A			

HCSTM Two-Lane Version 7.8 Existing - Location G.xuf