TWO-WAY STOP CONTROL SUMMARY

Analyst: RGD Agency/Co.: JCE
Date Performed: 02/04/2010

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: STONY STREET & BEAR MOUNTAIN

Jurisdiction:

Units: U. S. Customary
Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD4

East/West Street: STONY STREET

North/South Street: BEAR MOUNTAIN PKWY EXT.

Intersection Orientation: NS		4 1 1/441 1		y period	(hrs):	0.25	
Vehicl	e Volur	nes and	Adjustme	ents			
Major Street: Approach		chbound	_		thbound		
Movement	1	2	3	4	5	6	
, 330 1 2000	r _	T	R I	L	T	R	
Volume	63	54	14	83	303	148	
Peak-Hour Factor, PHF	0.90	0.90	0.90	0.95		0.95	
Hourly Flow Rate, HFR	70	60	15	87	318	155	
Percent Heavy Vehicles	0			0			
Median Type/Storage	Undivid			/			
RT Channelized?	OHOTATO	ueu		/			
Lanes	0	2 0		0	2 0		
Configuration	$_{ m LT}$	TR		$_{ m LT}$	TR		
Upstream Signal?		No			No		
Minor Street: Approach	West	bound		Eas	tbound		
Movement	7	8	9	10	11	12	
	L	T	R	L	Т	R	
Volume	1	105	38	10	68	16	
Peak Hour Factor, PHF	0.91	0.91	0.91	0.90	0.90	0.90	
Hourly Flow Rate, HFR	1	115	41	11	75	17	
Percent Heavy Vehicles	2	2	2	2	2	2	
Percent Grade (%)		-1			0		
Flared Approach: Exists?/St	orage		No ,	/		No	/
Lanes	0	1 0		0	1 0		
Configuration		LTR			LTR		
Dolon One			3 Tazzal .	of Commi			· —— ···· ··· ··· ··· ··· ··· ··· ···
Approach NB S	gB Gerrend		ound	or servr	Eastb		
		7		1			12
	 .T		LTR	1 +		TR	12
Bane confry III	7.4		J11/	ŀ	11	110	
v (vph) 70 8	37	***************************************	L57		1	03	
C(m) (vph) 1099 1	.537	3	337		2	93	
v/c 0.06 0	.06	(0.47		0	.35	
95% queue length 0.20 0	18	2	2.37		1	.53	
Control Delay 8.5 7	'.5	2	24.7		2	3.8	
LOS A	A		C			С	
Approach Delay							
		2	24.7		2	3.8	

Analyst: RGD Inter.: STONY STREET & BEAR MOUNTAIN PK

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year : Project ID: 1646AMNB4 - WITH NYSDOT IMPROVEMENTS

		ST	GNALIZE	INTERSE	CTION	SUMMAE	RΥ				
	l Eas	stbound	Westh			thbour		Sor	ıthbo	und	
	L	T R	L I		L	T	R	L	T	R	ļ
No. Lanes	i 0	1 1	i	1 0	¦1	1	0	1	1	0	'
LGConfig	i	LT R	i	LTR	L	TR	1	L _	TR	_	i
Volume	93	129 52	2 30		22	197 2) i	132	263	10	1
Lane Widt	•	12.0 12.0	•	.0	112.0			12.0		10	<u> </u>
RTOR Vol	1	42	1 12	10	1 12.0	12.0		12.0	12.0	2	i
KIOK VOI		47	···				·				
Duration	0.25	Area		l other l Operat							
Phase Com	bination	n 1 2	3	4	*****	5	6	7		8	
EB Left		A		NB	Left	P					
Thru		A			Thru	P					
Right		A			Right	. P					
Peds		X			Peds	X					
WB Left		A		SB	Left	P					
Thru		A		İ	Thru	P					
Right		A		i	Right						
Peds		X		i	Peds	Х					
NB Right				, EB	Right						
SB Right				WB	Right						
Green		25.0		, 112	1129110	25.0					
Yellow		4.0				4.0					
All Red		1.0				1.0					
mil nod		1.0					le Len	ath:	60.0		secs
		Interse	ction Pe	rformanc	e Summ	_					
Appr/ L	 ane	Interse Adj Sat	ction Pe Rati			_		roach			
	 ane roup		Rati			nary					
Lane G		Adj Sat	Rati		Lane	nary	App		n		
Lane G Grp C	roup apacity 	Adj Sat Flow Rate	Rati	.os	Lane	ary Group	App	roach	n		
Lane G	roup apacity 	Adj Sat Flow Rate	Rati	.os	Lane	ary Group	App	roach	n		
Lane G Grp C Eastbound	roup apacity 	Adj Sat Flow Rate	Rati	.os	Lane	ary Group	App	roach	n		
Lane G Grp C Eastbound	roup apacity 	Adj Sat Flow Rate (s)	Rati 	os 	Lane Delay	Group	App	roach	n		
Lane G Grp C Eastbound	roup apacity 700 686	Adj Sat Flow Rate (s)	Rati v/c 	os 0.43	Lane Delay	Group LOS B	App	roach	n		
Lane G Grp C Eastbound LT R	roup apacity 700 686	Adj Sat Flow Rate (s)	Rati	0.43 0.43	Lane Delay 11.7 9.7	Group LOS B	App Dela	roach	n		
Lane G Grp C Eastbound LT R Westbound LTR	roup apacity 700 686 797	Adj Sat Flow Rate (s) 1616 1583	Rati	0.43 0.43	Lane Delay 11.7 9.7	Group LOS B A	App Dela	y LOS	n		
Lane G Grp C Eastbound LT R Westbound LTR Northbound	roup apacity 700 686 797	Adj Sat Flow Rate (s) 1616 1583	0.35 0.02	0.43 0.43	Lane Delay 11.7 9.7	B A	App Dela	y LOS	n		
Lane G Grp C Eastbound LT R Westbound LTR Northbound	roup apacity 700 686 797 d 423	Adj Sat Flow Rate (s) 1616 1583 1839	0.35 0.02 0.05	0.43 0.43 0.43	Lane Delay 11.7 9.7 9.9	Group LOS B A	App Dela 11.6	y LOS	n		
Lane G Grp C Eastbound LT R Westbound LTR Northbound L TR	roup apacity 700 686 797 d 423 822	Adj Sat Flow Rate (s) 1616 1583	0.35 0.02	0.43 0.43 0.43	Lane Delay 11.7 9.7 9.9	B A	App Dela	y LOS	n		
Lane G Grp C Eastbound LT R Westbound LTR Northbound LTR Southbound	roup apacity 700 686 797 d 423 822	Adj Sat Flow Rate (s) 1616 1583 1839 976 1897	0.35 0.02 0.05	0.43 0.43 0.43 0.43	11.7 9.9 10.1 11.7	Group LOS B A B B	App Dela 11.6	y LOS	n		
Lane G Grp C Eastbound LT R Westbound LTR Northbound L TR Southbound	roup apacity 700 686 797 d 423 822 d 496	Adj Sat Flow Rate (s) 1616 1583 1839 976 1897	0.35 0.02 0.05 0.06 0.27	0.43 0.43 0.43 0.43	Lane Delay 11.7 9.7 9.9 10.1 11.7	B A B B	App Dela 11.6	y Los	n		
Lane G Grp C Eastbound LT R Westbound LTR Northbound L TR Southbound	roup apacity 700 686 797 d 423 822	Adj Sat Flow Rate (s) 1616 1583 1839 976 1897	0.35 0.02 0.05	0.43 0.43 0.43 0.43	Lane Delay 11.7 9.7 9.9 10.1 11.7	B B B B	App Dela 11.6	y Los	n		

Analyst: RGD Inter.: STONY STREET & BEAR MOUNTAIN PK

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year : Project ID: 1646PMNB4 - WITH NYSDOT IMPROVEMENTS

	·	SIG		ED INTE	RSE							
	Eastb			tbound			thbou			ıthbo		ļ
	L T	R	L	T F	2	L I	${f T}$	R	L	T	R	1
No. Lanes LGConfig Volume Lane Width RTOR Vol	 16 75	1 1 LT R 25 .0 12.0 24		1 0 LTR 126 32 12.0		1 L 57 12.0			1 L 246 12.0	1 TR 559 12.0	0 85 8	
Duration	0.25	Area T	ype:	All oth	er a	areas			· ·····			
			-	nal Ope	rat	ions	·		· ······ · ····· · · · · · · · · · · ·			
Phase Combi	nation I A A A X A A X		3	4	NB SB EB WB	Left Thru Right Peds Left Thru Right Peds Right Right	X P P X	6	7		8	
Yellow	4.						4.0	,				
All Red	1.						1.0					
							_	cle Ler	ngth:	60.0		secs
Appr/ Lan	e .	_Intersec Adj Sat		Perform tios			nary Group	App	roac	 h		
Lane Gro		low Rate (s)	<u>v/c</u>	g/C		Delay	LOS	Dela	y LO	 S		
Eastbound							***************************************					
LT 46 R 42 Westbound		1744 1583	0.22			17.4 16.1	B B	17.3	3 B			
LTR 49	3	1850	0.31	0.27	7	17.9	В	17.9	Э В			
Northbound L 27 TR 10		491 1861	0.23 0.05	0.57 0.57		8.4 5.9	A A	7.2	A			
Southbound												
L 77 TR 10		1366 1865						11.3	3 В			
In	tersecti	on Delay	= 12.	l (sec	c/ve	h)]	Inters	section	n LOS	= B		

Analyst: RGD Inter.: STONY STREET & BEAR MOUNTAIN

Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year : Project ID: 1646SATNB4 - WITH NYSDOT IMPROVEMENTS

		SI	GNALIZE	INTERSE	CTION	SUMMAE	₹Y				
	· · · · · · · · · · · · · · · · · · ·	tbound	Westb			thbour			ıthboı		
	L	T R	l L I	R	L	T	R	L	Т	R I	
No. Lan	es	1 1	 0	1 0	' <u>-</u>		- 	<u>_</u>	 1	- ¦	
LGConfi	•	LT R		LTR	, L	TR	ì	L	TR	į	
Volume	10		1 10		63	54 1	L4	83	303	148	
Lane Wi	,	12.0 12.0	12	2.0	12.0			12.0	12.0	I	
RTOR Vo.	1	15		0		Ė	ō			18	
Duration	n 0.25	Area		l other							
Phase C	ombination	1 2	3	ur Operac 4	.10115	 5	- 6			3	
EB Lef		A	•	NB	Left	P					
Thr	u	A		1	Thru	P					
Rig		A		1	Right						
Ped		X			Peds	X					
WB Lef		A		SB	Left	P -					
Thr		A			Thru	P					
Rigi		A		l	Right						
Ped:		X		l EB	Peds Right	X					
NB Right SB Right				WB	Right						
Green	11.0	21.0		1 112	Krgire	29.0					
Yellow		4.0				4.0					
All Red		1.0				1.0					
						Cyc.	le Len	gth:	60.0	sec	s
				erformanc							
Appr/	Lane	Adj Sat	Rati	.os	Lane	Group	App	roacl	h.		
Lane	Group	Flow Rate							~		
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Dela	y LO:	5		
Eastbou	nd										
LT	627	1791	0.13	0.35	13.4	В	13.3	В			
LT R	627 554	1791 1583	0.13 0.00	0.35 0.35	13.4 12.7	B B	13.3	В			
	554						13.3	В			
R	554						13.3				
R Westbour LTR	554 nd 635	1583	0.00	0.35	12.7	В					
R Westbour	554 nd 635	1583	0.00	0.35	12.7	В					
R Westbour LTR Northbor	554 nd 635 und	1583	0.00	0.35	12.7	ВВ					
R Westbour LTR Northbor L	554 nd 635 und 372 899	1583 1814 769	0.00	0.35 0.35 0.48	12.7 14.0 9.9	B B A	14.0	В			
R Westbour LTR Northbor L TR	554 nd 635 und 372 899	1583 1814 769	0.00	0.35 0.35 0.48	12.7 14.0 9.9	B B A	14.0	В			
R Westbour LTR Northbor L TR Southbor	554 nd 635 und 372 899 und	1583 1814 769 1859	0.00 0.23 0.19 0.08	0.35 0.35 0.48 0.48	12.7 14.0 9.9 8.5	B B A A	14.0	В			

Analyst: RGD Inter.: STONY STREET & BEAR MOUNTAIN PK

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year : Project ID: 1646AMBD4 - WITH NYSDOT IMPROVEMENTS

		SIC	GNALIZED	INTERSE	CTION	SUMMAR	Y			
	Eas	tbound	Westb			thboun		Sou	thboun	id I
	L	T R	L T	R	L		R İ	L	T	R
No. Land		1 1 LT R	-	1 0 LTR	' 1 L	1 TR		1 L	1 TR	0
Volume	9		2 30		•	197 2	i:	132		.0 i
Lane Wid	•	12.0 12.0	12		12.0		•	12.0		ĺ
RTOR Vo.		42		10		0			2	Ì
Duration	n 0.25	Area T		l other l Operat						
Phase Co	ombination	1 2	3	4	TO110	5	6	7	8	
EB Left		A		, NB	Left	P				
Thru	ı	A		İ	Thru	P				
Rigl	nt	A		1	Right	. P				
Peds	5	X			Peds	X				
WB Left	t	A		SB	Left	P				
Thru	ı	A			Thru	P				
Rigl	nt	A		J	Right	. P				
Peds	S	X		I	Peds	X				
NB Righ	nt			EB	Right					
SB Righ				WB	Right					
Green		25.0				25.0				
Yellow		4.0				4.0				
All Red		1.0				1.0				
						Cycl	e Len	gth:	60.0	secs
				rformanc						
Appr/	Lane	Adj Sat	Rati	os	Lane	Group	App.	roach	1	
Lane	Group	Flow Rate								
Grp	Capacity	(s)	v/c	g/C	Delay	/ LOS	Dela	у ГОЗ	3	
Eastbour	nd			The second second second second second second second						***************************************
LT	701	1617	0.35	0.43	11.7	В	11.6	В		
R	686	1583	0.02	0.43	9.7	A				
Westbour										
LTR	797	1839	0.05	0.43	9.9	A	9.9	А		
Northbou		076	0.06	0.43	30 1	D				
L	423	976					11 6	Б		
TR	822	1897	0.27	0.43	11.7	В	11.6	В		
Southbou			0.00	0 40	10.0					
L	496	1144		0.43			10 5			
TR	819	1891	0.37	0.43	12.7	В	12.7	В		
	Intersec	tion Delay	= 12.0	(sec/ve	h) I	Interse	ection	LOS	= B	

Analyst: RGD Inter.: STONY STREET & BEAR MOUNTAIN PK

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd: 2013 BUILD TRAFFIC VOLUMES - I

Period: PM PEAK HOUR Year : Project ID: 1646PMBD4 - WITH NYSDOT IMPROVEMENTS

		SIGN	JALIZE	D IN	TERSE	CTION	SUMMA	RY				
	Eastbou	nd	West	boun	d	Nor	thbou	nd	Soi	ıthboı	and	1
	L T	R	L	T	R	L	T	R	L	T	R	
No. Lanes LGConfig	0 1 0 LT		0	1 LTR		1 L	1 TR	0	1 L	1 TR	0	'
Volume Lane Width RTOR Vol	16 79 12.0 	25 2 12.0 24		.2.0		57 12.0 	12.0		246	559 12.0	8 5 8	
Duration	0.25	Area Ty	_									
Phase Combin	nation 1	2	Sigr 3	1a1 O	perat:	lons	<u>-</u>	6	7		 B	
EB Left	A				NB	Left	P					
Thru	A					Thru	P					
Right	A					Right						
Peds	X					Peds	X					
WB Left	A				SB	Left	P					
Thru	Α				1	Thru	P					
Right	A					Right						
Peds	X				1	Peds	X					
NB Right					EB	Right						
SB Right					WB	Right						
Green	16.0						34.0					
Yellow	4.0						4.0					
All Red	1.0						1.0		_			
	т	ntersect	tan I	orfo	rm a n c	o Summ	_	le Len	gth:	60.0		secs
Appr/ Lane		ntersect j Sat		ios	rmance		Group		roac	 h		
Lane Grou		w Rate	2100				0 0 u.p	F- F-				
	•	(s)	v/c	g/	C	Delay	/ LOS	Dela	y LO	 S		
Eastbound											-	
LT 460	6 17	48	0.23	0.	27	17.4	В	17.4	В			
R 422		83	0.00		27	16.1	B					
Westbound						–	_					
LTR 492	2 18	44	0.32	0.	27	18.0	В	18.0) В			
Northbound												
L 278		1			57		A		_			
TR 105	55 18	61	0.05	0.	57	5.9	A	7.2	A			
Southbound	4 4 4		0 05	^	F 77	0 0	70					
L 774		66			57			11 ^	, -			
TR 105	o/ 18	65	0.67	0.	57	12.4	В	11.3	3 B			
Int	tersection	Delay =	= 12.2	2 (s	ec/vel	h) J	Inters	ectior	LOS	= B		

Analyst: RGD Inter.: STONY STREET & BEAR MOUNTAIN

Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year : Project ID: 1646SATBD4 - WITH NYSDOT IMPROVEMENTS

		SIC	GNALIZED	INTERSE	CTION	SUMMAR	ξY				
	Eas	stbound	Westb			thbour		Sot	ıthbou	ind	
	L	T R	L T	R	L	T	R	L	T	R	
No. Lane	es 0	1 1	0	1 0	' <u>-</u>	<u>-</u>	0		1	'	
LGConfi	•	LT R	•	LTR	L	TR	i	L	TR	i	
Volume	110		1 10		63		. 4 i	83	303	148 i	
Lane Wie	·	12.0 12.0	12		12.0				12.0	İ	
RTOR Vo	•	15	l	34		5	5			18	
Duration	n 0.25	Area '		l other			.,			<u> </u>	
				l Operat	ions		-, <u></u>				
	ombinatior		3	4	Y ~ E L	5	6	7	8	i	
EB Left		A		NB	Left Thru	P					
		A		1	Right	P : P					
Rig! Ped:		A X		i i	Peds						
WB Lef		A		l SB	Left						
wb Lei Thr		A A		عد ا	Thru						
Rig		A		1	Right						
Ped		X		l I	Peds	X					
		Λ		 EB	Right						
NB Right				WB	Right						
Green		21.0		I MD	Kranc	29.0					
Yellow		4.0				4.0					
All Red		1.0				1.0					
AII Neu		1.0					le Len	gth:	60.0	secs	s
				rformanc							
Appr/	Lane	Adj Sat		os	Lane	Group	App	roacl	h		
Lane	Group	Flow Rate									
Grp	Capacity	(s)	v/c	g/C	Delay	/ LOS	Dela	у ГО	S		
Eastbou	nd										
LT	631	1802	0.14	0.35	13.4	В	13.4	В			
R	554	1583	0.00	0.35	12.7	В					
Westbou											
LTR	651	1861	0.18	0.35	13.7	В	13.7	В			
Northbo	and										
L	372	769	0.19	0.48	9.9	A					
TR	899	1859	0.19	0.48	8.5	A	9.2	Α			
TL	099	1009	0.00	0.40	0.0	1.3	J . L	r1			
Southbo											
\mathbf{L}	653	1352	0.13	0.48	9.0	A					
TR	877	1814	0.52	0.48	12.9	В	12.3	В			
	Intersec	ction Delay	= 12.1	(sec/ve	h) :	Interse	ection	LOS	= B		

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE Date Performed: 2/15/2011

Analysis Time Period: AM PEAK HOUR

Intersection: STONY STREET & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646AMEX5

East/West Street: STONY STREET
North/South Street: OLD CROMPOND ROAD

Intersection O			ND NOAD		Study	per	iod	(hrs): 0.25	5
	Vehi	.cle Vo	olumes and	l Adj	ustmer	nts				
Major Street:			Jorthbound				Sout	hbou	nd	
7	Movement	1	2	3	1	4		5	6	
		L	T	R	1	L		Т	R	
Volume		25	0	2						
Peak-Hour Fact		0.90	1.00	0.9	0					
Hourly Flow Ra		27	0	2						
Percent Heavy		2	ANGEL MANY							
Median Type/Storm RT Channelized		Undi	vided		,	/				
Lanes		(0 ()						
Configuration			LTRLR							
Upstream Signa	1?		Yes					No		
Minor Street:	Approach	V	lestbound				East	boun	<u>d</u>	······································
	Movement	7	8	9	1	10		11	12	
		L	T	R	Ì	L		T	R	
Volume		2	3					0	230	
Peak Hour Fact	or, PHF	0.90	0.90					0.90		
Hourly Flow Ra	te, HFR	2	3					0	255	
Percent Heavy	Vehicles	2	2					2	2	
Percent Grade	(%)		-1					1		
Flared Approac	h: Exists?/	Storac	je		/				No	/
Lanes		() 1					1	0	
Configuration			LT						TR	
	Dolay ()110110 F	Gength, ar			f 50		۰		
Approach	Deray, v	SB		boun		r DC	. L V L (tbound	
Movement	1	4	7		9	1	10		11	12
Lane Config	LTR	-I	LT	U	,	1	ъ.	,	<u> </u>	TR
hane confirs	niv		шт			'				11/
v (vph)	27		5							255
C(m) (vph)	1623									
v/c	0.02									
95% queue leng										
Control Delay	7.3									
LOS	A									
Approach Delay										
Approach LOS										

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD
Agency/Co.: JCE
Date Performed: 10/14/2009

Analysis Time Period: PM PEAK HOUR

Intersection: STONY STREET & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646PMEX5

East/West Street: STONY STREET/OLD CROMPOND ROAD North/South Street: STONY STREET

Intersection Orientation: NS Study period (hrs): 0.25

intersection offe	ntation:	1/12			study	berr	ou (III	5): 0.2	3
	Veh	nicle V	olumes	and Adj	ustmer	nts			
Major Street: Ap	proach		Northbo				outhbo	und	
Мо	vement	1	2	3	1	4	5	6	
		\mathbf{L}	\mathbf{T}	R	1	L	Т	R	
Volume		103	0	10					
Peak-Hour Factor,	PHF	0.7	4 1.0	0.7	4				
Hourly Flow Rate,	HFR	139	0	13					
Percent Heavy Veh		2							
Median Type/Ŝtora		Und:	ivided		/	/			
RT Channelized?	•								
Lanes			0 0	0					
Configuration			LTRLR						
Upstream Signal?			Yes	3			No		
									· · · · · · · · · · · · · · · · · · ·
Minor Street: Ap	proach		Westbou				lastbou		
Мо	vement	7	8	9		10	11	12	
		L	${f T}$	R	j	L	T	R	
Volume		40	<u>_</u>				<u>-</u>	 230	
Peak Hour Factor,	PHF	0.5		56			0.7		•
Hourly Flow Rate,		71	14				5	298	
Percent Heavy Veh		2	2				2	2	
Percent Grade (%)			-1				1		
Flared Approach:		/Stora			/			No	/
Lanes	DATOCD.		0 1		,		1	0	,
Configuration			LT				-	TR	
Configuracion									
	Doloss	0110110	Tanath	, and Le		F Cox			
Approach	_Delay, NB	SB		, and be Westboun		r ser		stbound	
Movement	1	4	1 7	8	9	I	10	11	12
Lane Config	LTR		LT			ĺ			TR
v (vph)	139		<u>8</u> 5						303
C(m) (vph)	1623		00						
v/c	0.09								
95% queue length	0.28								
Control Delay	7.4								
LOS	7.4 A								
Approach Delay	A								
Approach LOS									

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: Agency/Co.: JCE
Date Performed: 1/18/2011

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: STONY ST & OLD CROMPOND ROAD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646SATEX5

East/West Street: ROUTE 202/35
North/South Street: OLD CROMPOND ROAD

Intersection Orientation: NS Study period (hrs): 0.25

Intersection Orie	ntation:	NS		S	study	period	(hrs)	: 0.25	5
	Vohi	clo Vol	umes and	d Adia	ietma:	nte			
Major Street: Ap	veni proach		rthbound		is cilie:		thboun	d	······································
	vement	1	2	3	1	4	5	6	
		L	T	R	ĺ	L	${f T}$	R	
						······································			
Volume		86	0	5					
Peak-Hour Factor,		0.91	1.00	0.91					
Hourly Flow Rate,		94	0	5					
Percent Heavy Veh		2					*** ***		
Median Type/Stora	ge	Undiv	rided			/			
RT Channelized?									
Lanes		0		0					
Configuration		I	JTRLR						
Upstream Signal?			Yes				No		
Minor Street: Ap			stbound		,,	Fac	tbound		
*	proach vement	7 w e	8	9	ł	10	11	12	
МО	vement	, L	T	R	1	L	T	R	
		TT	1	K	ı	TI	1	K	
Volume		 4	3				3	188	
Peak Hour Factor,	PHF	0.58	0.58				0.88	0.88	
Hourly Flow Rate,		6	5				3	213	
Percent Heavy Veh		2	2				2	2	
Percent Grade (%)			-1				1		
Flared Approach:	Exists?/	Storage)		/			No	/
Lanes		Õ	1				1	0	
Configuration		I	T				${f T}$	R	
									
	D-1	т			7	e a:			
Approach	_Delay, Q NB	ueue ⊥e SB		na Lev tbound		ı servi		bound	
Movement	1	3Б 4 I	7 wes	8	9	1 1		11	12
Lane Config	LTR	rat	LT	O	J	1 1	U	11	TR
Daile Courty	ши	ı	Пт			1			11(
v (vph)	94		11				*******************************		216
C(m) (vph)	1623								
v/c	0.06								
95% queue length	0.18								
Control Delay	7.4								
LOS	Α								
Approach Delay									
Approach LOS									

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD
Agency/Co.: JCE
Date Performed: 2/11/11 Analyst: RGD

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: STONY STREET & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary
Analysis Year: 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB5

East/West Street: STONY STREET

East/West Street: North/South Street: Intersection Orienta	OLD CE	STREET ROMPOND	ROAD	Sti	ıdy	period	(hrs):	0.25	;
			mes and	Adjust	cme				
Major Street: Appro			thbound			Sou	thbound		
Movem	ent	1	2	3		4	5	6	
		L	T	R		L	T	R	
Volume		95	0	93					
Peak-Hour Factor, PH	F	0.91	1.00	0.91					
Hourly Flow Rate, HF	R	104	0	102					
Percent Heavy Vehicl	es	2					***	***	
Median Type/Storage RT Channelized?		Undivi	ded			/			
Lanes		0	0 0						
Configuration		_	RLR						
Upstream Signal?			Yes				No		
Minor Street: Appro	ach	Wes	tbound			Eas	tbound		
Movem	ent	7	8	9		10	11	12	
		L	T	R	I	L	T	R	
Volume		158	58				60	203	
Peak Hour Factor, PH	F	0.58	0.58				0.88	0.88	
Hourly Flow Rate, HF		272	100				68	230	
Percent Heavy Vehicl		2	2				2	2	
Percent Grade (%)			-1				1		
Flared Approach: Ex	ists?/St	torage			/			No	/
Lanes		0	1		,		1 0		,
Configuration		LT					TR		
	lay, Que				1 0	f Servi	*****		
T T		3B		bound	_	, -	Eastb		10
				8	9	1	0 1	1	12
Lane Config	LTR	l	LT			I			TR
v (vph)	104		372			*****			298
C(m) (vph)	1623								
v/c	0.06								
95% queue length	0.21								
	7.4								
LOS	A								
Approach Delay									
Approach LOS									
~ ~									

TWO-WAY STOP CONTROL SUMMARY____

Analyst: RGD
Agency/Co.: JCE
Date Performed: 02/15/2011

Analysis Time Period: AM PEAK HOUR

Intersection: STONY STREET & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD5
East/West Street: STONY STREET

East/West Street:	STONY	STREET							
North/South Street:	OLD C	ROMPOND	ROAD						
Intersection Orient	ation: N	S		St	udy	period	(hrs):	0.25	5
			mes and		tme				
	oach		thbound				thbound		
Move	ment	1	2	3	!	4	5	6	
		L	T	R	I	L	T	R	
Volume	······································		0	28					
Peak-Hour Factor, P	HF	0.90	1.00	0.90					
Hourly Flow Rate, H		30	0	31					
Percent Heavy Vehic		2	***						
Median Type/Storage		Undivi	ded			/			
RT Channelized?									
Lanes		0	0 0						
Configuration		LT	RLR						
Upstream Signal?			Yes				No		
						······································			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Minor Street: Appr	oach	Wes	tbound			Eas	tbound		
Move	ment	7	8	9		10	11	12	
		L	${f T}$	R		L	T	R	

Volume		47	20				16	245	
Peak Hour Factor, P		0.90	0.90				0.90	0.90	
Hourly Flow Rate, H		52	22				17	272	
Percent Heavy Vehic	les	2	2				2	2	
Percent Grade (%)			-1		,		1		,
Flared Approach: E	xists?/S				/			No	/
Lanes		0	1				1 0		
Configuration		LT					TR		
D	elay, Qu	eue Len	gth, an	d Leve	1 0	f Servi	ce		
Approach	-	SB	-	bound			Eastb	ound	
Movement	1	4	7	8	9	1	0 1	1	12
Lane Config	LTR		LT			1			TR
	·····						····		
v (vph)	30		74						289
C(m) (vph)	1623								
v/c	0.02								
95% queue length	0.06								
Control Delay	7.3								
LOS	A								
Approach Delay									
Approach LOS									

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.:

Agency/Co.: JCE
Date Performed: 02/04/2011 Analysis Time Period: PM PEAK HOUR

Intersection: STONY STREET & OLD CROMPOND RD

Jurisdiction:

Approach LOS

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD5

East/West Street: STONY STREET
North/South Street: OLD CROMPOND ROAD

North/South Stree Intersection Orie		CROMPONI NS	O ROAD	St	udy	perio	od (hrs): 0.2	5
	Vehi	.cle Volı	ımes and	Adius	tme	nts			
Major Street: Ap	proach		thbound				outhbou	nd	
	vement	1	2	3	1	4	5	6	
		L	T	R	Ì	L	T	R	
Volume		118	0	102					Malain bered arrest arrest arrest arrest arrest arrest arrest arrest
Peak-Hour Factor,	PHF	0.74	1.00	0.74					
Hourly Flow Rate,		159	0	137					
Percent Heavy Veh		2		Stoff Arab					
Median Type/Stora		Undiv	Lded			/			
RT Channelized?		0	0 0						
Lanes		0	0 0	l					
Configuration		. نىل	CRLR				NT -		
Upstream Signal?			Yes				No		
Minor Street: Ap	proach	Wes	stbound			E	astboun	d	
Mo	vement	7	8	9	1	10	11	12	
		$\mathbf L$	T	R	1	L	T	R	
Volume		204	65				<u></u>	253	
Peak Hour Factor,	PHF	0.56	0.56				0.77		
Hourly Flow Rate,		364	116				80	328	
Percent Heavy Veh		2	2				2	2	
Percent Grade (%)			-1				1		
Flared Approach:		Storage			/			No	/
Lanes		0	1		,		1	0	,
Configuration		L						TR	
		·					······································		
	Delay, Ç	nene Lei	ngth. an	d Leve	el o	f Ser	vice		
Approach	NB	SB		bound				tbound	
Movement	1	4	7	8	9	1	10	11	12
Lane Config	LTR	.	LT	· ·	_	1	0	~~	TR
v (vph)	159		480						408
C(m) (vph)	1623								
v/c	0.10								
95% queue length	0.33								
Control Delay	7.5								
LOS	A								
Approach Delay									

TWO-WAY STOP CONTROL SUMMARY

Analyst: RGD Agency/Co.: JCE

Date Performed: 02/04/2010

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: STONY STREET & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD5

East/West Street: STONY STREET

North/South Street: OLD CROMPOND ROAD

Intersection Orientation: NS Study period (hrs): 0.25

Intersection Ori	entation:	NS		St	udy	perio	d (hr:	s): 0.2	5
	Vehi	.cle Vo	lumes an	ıd Adjus	tme	nts			
Major Street: A	pproach		orthboun				uthboi	und	
М	ovement	1	2	3	1	4	5	6	
		${f L}$	T	R		L	${f T}$	R	
				·					
Volume		103	0	93					
Peak-Hour Factor		0.91		0.91					
Hourly Flow Rate		113	0	102					
Percent Heavy Ve		2		***					
Median Type/Stor RT Channelized?	age	Undi	vided			/			
Lanes		0	0	0					
Configuration			LTRLR						
Upstream Signal?			Yes				No		
Minor Street: A	pproach	W	estbound			Ea	stbou	nd	
•	ovement	7	8	9	1	10	11	12	
		${f L}$	Т	R		L	T	R	
Volume		158	58				60	211	
Peak Hour Factor	, PHF	0.58	0.58				0.8	8 0.88	;
Hourly Flow Rate	, HFR	272	100				68	239	
Percent Heavy Ve	hicles	2	2				2	2	
Percent Grade (%)		-1				1		
Flared Approach:	Exists?/	'Storag			/			No	/
Lanes		0					1	0	
Configuration			LT					TR	
							·		
			ength, a		el o	f Serv			
Approach	NB	SB		tbound	^			stbound	4.0
Movement	1	4	7	8	9	ļ	10	11	12
Lane Config	LTR	1	LT			ı			TR
v (vph)	113		372						307
C(m) (vph)	1623								
v/c	0.07								
95% queue length	0.22								
Control Delay	7.4								
LOS	A								
Approach Delay		•							
Approach LOS									

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646AMEX6

E/W St:	ROUTE 202	2/35		N/S	St: SI	LONA 2	TREET/	BO.2		
	l Pos			INTERSE						
	Las	stbound T R	Westb L T		Nort	thbour T	R	L	thbound T R	
	1	1 1	1 1		4	1			1 10	i
No. Lane	es	2 0	i 1	1 1	i 1	1	i-	0	1 1	
LGConfig		TR		T R	L	${f T}$	R			R
Volume	110		185 44				•		67 97	
	dth 12.0		112.0 14		112.0 1				12.0 11	
RTOR Vol	L [11	1	4	i	2	29		86	!
Duration	n 0.25	Area	Type: Al	l other	areas					
				l Operat	ions					
	ombinatior		3	4	T C.	5	6	7	8	
EB Left Thru		A P P		NB	Left Thru	A A				
Rigl		P P		l I	Right					
Peds		1			Peds	X				
WB Left		A P		, SB	Left	A				
Thru	u	P			Thru	Α				
Rigl		P			Right					
Peds					Peds	X				
NB Righ		A		EB	Right					
SB Righ Green	11 C	A 10.0 40.0		WB	Right	15.0				
Yellow		4.0 4.0				4.0				
All Red		1.0 1.0				1.0				
						Cycl	le Leng	gth:	80.0	secs
				rformand				······································	······································	
Appr/	Lane	Adj Sat		os	Lane (Group	Appı	coach		
Lane Grp	Group Capacity	Flow Rate (s)	v/c	g/C	Delay	LOS	Delay	z TiOS		
015	owbworol	(0)	V / O	9, 0	Jozaj	0 2				
Eastbour	nd									dalanda barandi aherandi arrandi alamindi arranda angana
L	594	1770	0.02	0.70	4.9	A				
TR	1756	3427	0.82	0.51	20.8	С	20.7	С		
Westbour	nd									
L	336	1770	0.27	0.70	10.2	В				
T	987	1925	0.49	0.51	14.4	В	13.7	В		
R	811	1583	0.01	0.51	9.6	A				
Northbou										
L	214	1070	0.42	0.20	28.4	C	01 1	~		
T R	373	1863	0.02 0.27	0.20 0.39	25.7 16.9	C B	21.1	С		
EX.										
	613 ind	1583	0.27	0.33	10.9	D				
Southbou		1583	0.27	0.00	10.9	D				
		1583	0.48	0.20	28.7	C	27.7	С		
Southboo	and 315 583		0.48 0.02		28.7 15.1	C B	27.7			

Agency: JCE Area Type: All other areas

Date: 10/14/2009 Jurisd:

Period: PM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646PMEX6

,		c, 00	IGNALIZED	TNTEDSE	CTION	STIMMA	DV	,			
		stbound	Westb			thbou	*****	SO1:	thbou		
	l L	T R	L T		L	т Т	R I	L	T	R	1
	i		i		Í		İ				
No. Lane	s 1	2 0	1	1 1	1	1	1	0	1	1	1
LGConfig		TR		T R	L	T	R		$_{ m LT}$	R	
Volume	21	866 182	178 93					46	116	135	1
Lane Wid	th 12.0		12.0 14		112.0				12.0	11.0	!
RTOR Vol	1	21		14	I		64 I			63	1
Duration	0.25	Area	Type: Al								
Phase Cor	mbination	<u>1</u> 1 2	3	.l Operat 4 I	.10112	<u>-</u> 5	6	<u>-</u>		 8	
EB Left	binacioi	A P	3	I NB	Left	Ā	•	,	·	•	
Thru		P		i	Thru	A					
Righ	t	P		i	Right	A					
Peds					Peds	X					
WB Left		A P		SB	Left	Α					
Thru		P		1	Thru	A					
Right	t	P		1	Right	Α					
Peds					Peds	X					
NB Right		A		EB	Right						
SB Right	t	A	_	WB	Right						
Green		10.0 40.				15.0					
Yellow		4.0 4.0				4.0					
All Red		1.0 1.0				1.0	le Len	ath.	90 O		
		Inters	ection Pe	rformano	e Summa	-	re ner	ıg cır.	80.0	56	CS
Appr/	 Lane	Adj Sat			Lane (aqA	roach	1		
	Group	Flow Rat									
Grp (Capacity	(s)	v/c	g/C	Delay	LOS	Dela	у гоз	3		
Eastbound	d					*****	erenne verrene verrede verseell deskiell slede		***************************************		
L	336	1770	0.07	0.70	14.3	В					
TR	1746	3407	0.65	0.51	16.1	В	16.0) B			
Westbound	d										
L	395	1770	0.47	0.70	8.1	A					
T	987	1925	0.98	0.51	44.2	D	38.0) D			
R	811	1583	0.02	0.51	9.7	A					
Northbour											
L	190	948	1.25	0.20	179.4			.			
T	373	1863	0.16	0.20	26.5	C	94.6	5 F			
R Southbour	613 nd	1583	0.34	0.39	17.4	В					
LT	337	1687	0.53	0.20			25.3	3 C			
R	583	1505	0.14								
	Intersed	ction Dela	y = 38.0	(sec/ve	eh) Ii	nters	ectior	n LOS	= D		

Inter.: ROUTE 202/35 & STONY STREET Analyst: RGD

Area Type: All other areas Agency: JCE

Date: 1/18/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646SATEX6

583

R

1505

-	t: ROU			0			N/S	St: S	STONY	STREE	r/BJ'	S		
				SI	GNALI	ZED II	NTERSE	CTION	SUMMA	ARY				
		I Eas	stbour			stbou			thbou		So	uthbo	und	<u> </u>
		i L	T	R	L	Т	R	L	T	R	L	T	R	
No. L		1	2	0		1	1	·¦1	1	1	¦		1	
LGCon		L	ΤR		L	T	R	L	Т	R		LT		₹
Volum		123	981		1225		18	1208	50		135	119		
	Width	112.0	12.0		112.0	14.0		12.0	12.0		1	12.0		. 0
RTOR	Vol	1		22			8			45	l		35	l
Durat	ion	0.25		Area				areas ions						
Phase	Combi	natio	 1 1		3	911ai (<u>-</u>	6		,	- -	
	eft	114 (101	A	P	9	*	NB	Left	A	Ů	•			
	hru			P			112	Thru						
	ight			P				Right						
	eds			~			İ	Peds						
	eft		Α	P			i sb	Left						
	'hru			P			i	Thru						
	ight			P			i	Right						
	eds						i	Peds						
	ight		A				EB	Right						
	ight		A				WB	Right	t					
Green	-		10.0	40.0				_	15.0	0				
Yello	W		4.0	4.0					4.0					
All R	led		1.0	1.0					1.0					
			Tr	nterse	ction	Perf	ormano	e Summ	_	cle Le	ngth	80.0)	secs
Appr/	Lan	e		j Sat			0 1110110			p Ap	proac	ch		
Lane		up	-	w Rate							•			
Grp		acity		(s)	v/c	g	/c	Delay	y LOS	Del	ay Lo)S		
 Eastb	ound													
L	35	3	17	70	0.0	7 0	.70	10.3	В					
TR	17	45	340)5	0.7	4 0	.51	18.1	В	17.	9 I	3		
Westb	ound													
L	35	2	17	70	0.7	1 0	.70	21.5	С					
T	98	7	192		0.8	2 0	.51	24.0	С	23.	3 (3		
R	81	1	158	33	0.0	1 0	.51	9.6	Α					
North	bound													
L	19		985		1.1		.20	150.4						
T	37		186		0.1		.20	26.5		71.	9 1	2		
R	61	3	158	33	0.4	8 0	.39	18.6	В					
South	bound													
LT	34	7	173	3./	0.4	a n	.20	28.8	С	28.	6 (3		
דר	54	1	1/.) 1	0.4	<i>y</i> 0	. Z V	45.0	5	۷٠,	,	•		

0.01 0.39 15.0 B

Intersection Delay = 30.3 (sec/veh) Intersection LOS = C

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB6

E/W SC:	ROULE 202	2/33		М/З	St: S	IONI SI	rkec;	/ DU 2		
			GNALIZED							
	,	stbound	Westb			thbound			hbound	
	L	T R	L T	R	L	T F	R	L	T R	1
No. Lane	es 1	2 0	' <u></u> 1	1 1		1 1	'. 1	0	1 1	
LGConfid	-	TR	L	T R	L	${f T}$	R		LT	R
Volume "	29	1261 171	190 48	6 15	186	8 19	91	107 7	1 11	1
	dth 12.0	12.0	12.0 14	.0 12.0	12.0	12.0 12	2.0	1	2.0 11	.0
RTOR Vol	1	12	1	7	1	20	1		93	
Duration	n 0.25	Area	Type: Al							
Dhace Co	ombination	n 1 2	Signa 3	1 Operat 4	10ns	5	 6		<u>8</u>	
EB Left		A P	3	I NB	Left	A	0	,	O	
Thru		P		112	Thru	A				
Righ		P		i	Right					
Peds		~		i	Peds					
WB Left		A P		, I SB	Left					
Thru	ı	₽		l	Thru	A				
Righ	nt	P		1	Right	A				
Peds	ŝ			1	Peds	X				
NB Righ	nt	A		EB	Right					
SB Righ	nt	A		WB	Right					
Green		10.0 40.0				15.0				
Yellow		4.0 4.0				4.0				
All Red		1.0 1.0				1.0				
		T., b	and an Da					gth: 8	30.0	secs
Appr/	Lane	Interse Adj Sat	ction Pe Rati			ary Group		roach		
Lane	Group	Flow Rate		03	папе	Oroup	прр	Louch		
	Capacity		v/c	g/C	Delay	LOS	Dela	v Tos		
			· · · · · · · · · · · · · · · · · · ·	g, v						
Eastbour		4 5 5 6		0	- 4	_				
L	557	1770	0.06	0.70	5.4	A	22 (a		
TR	1756	3427	0.88	0.51	24.0	С	23.6	С		
Westbour	nd									
L	336	1770	0.29	0.70	11.7	В				
T	987	1925	0.53	0.51	15.2	В	14.6	В		
R	811	1583	0.01	0.51	9.6	A				
Northbou										
L	175	876	0.55	0.20	30.9	C				
T	373	1863	0.02	0.20	25.7	C	21.9	С		
R	613	1583	0.31	0.39	17.1	В				
Southbou	ind									
LT	305	1525	0.65	0.20	33.2	С	31.6	С		
R	583	1505	0.03	0.39				Ŭ		
		ction Delay		(sec/ve		nterse	ction	LOS =	= C	
				(/	,				_	

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB6

		CTCN	ил тите	ь тышпьег	CMICM	CIIMMAA	DV				
	 Eastbou			D INTERSE bound		somma thbou		901	ıthboı	and	1
	Lastbou.			r R	L	Т	R	L	Т	R	
No. Lanes LGConfig	1 2 L TR	•	1 L	1 1 T R	1 L	1 T	1 R	176	1 LT	1 R	-
Volume Lane Width RTOR Vol	75 939 12.0 12.0 			049 53 4.0 12.0 30	226 12.0 	12.0		176	123 12.0	160 11.0 37	
Duration	0.25	Area Ty		ll other al Operat		······································					
Phase Combi	nation 1	2	3	4		 5	6	- 7		 8	·
EB Left	A	P		NB	Left	A					
Thru		P		ĺ	Thru	Α					
Right		₽		1	Right	Α					
Peds				1	Peds	X					
WB Left	А	P		SB	Left	A					
Thru		P		I	Thru	Α					
Right		P		1	Right						
Peds				1	Peds	X					
NB Right	A			EB	Right						
SB Right	A	45 0		WB	Right						
Green	10.0					20.0					
Yellow	4.0	4.0				4.0					
	1 1	3 A				1 0					
All Red	1.0	1.0				1.0	da Lar	ath.	90 n	c.	200
All Red			ion P	arformanc	e Summ	Сус	:le Ler	igth:	90.0	s	ecs
	I:	ntersect		erformanc		Cyc ary				S 6	ecs
Appr/ Lan	I: e Ad	ntersect j Sat		erformanc ios	e Summ Lane	Cyc ary		ngth: oroacl		S •	ecs
Appr/ Lan Lane Gro	e Ad up Flo	ntersect j Sat w Rate	Rat	ios 	Lane	Cyc ary Group	App	roacl	 h 	S •	ecs
Appr/ Lan Lane Gro Grp Cap	I: e Ad	ntersect j Sat w Rate				Cyc ary Group	App		 h 	s	ecs
Appr/ Lan Lane Gro Grp Cap	e Adoup Flowacity	ntersect j Sat w Rate (s)	Rat: v/c	ios g/C 	Lane Delay	Cyc ary Group LOS	App	roacl	 h 	Si	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29	e Adgup Flowacity	ntersect j Sat w Rate (s) 	Rat: v/c 0.27	ios g/C 0.68	Delay	Cyc ary Group LOS B	Apr Dela	roacl	 h 	S (ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17	e Adgup Flowacity	ntersect j Sat w Rate (s) 	Rat: v/c	ios g/C 	Lane Delay	Cyc ary Group LOS	App	roacl	 h 	S (ecs
Appr/ Land Gro Grp Cap Eastbound L 29 TR 17	e Adup Flowacity 9 17 41 34	ntersect j Sat w Rate (s) 70 07	Rat: v/c 0.27 0.70	ios g/C 0.68 0.51	Lane Delay 17.4 19.2	Cyc ary Group LOS B B	Apr Dela	roacl	 h 	S (ecs
Appr/ Land Gro Grp Cape Eastbound L 29 TR 17	I: e Ad up Flor acity 9 17 41 34	ntersect j Sat w Rate (s) 70 07	Rat: v/c 0.27 0.70	ios 	Lane Delay 17.4 19.2	CycaryGroupLOSB	Dela	proach	 h 	S (ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98	I: e Ad up Flow acity 9 17 41 34 8 17 4 19	ntersect j Sat w Rate (s) 70 07	Rat. v/c 0.27 0.70 0.58 1.11	ios g/C 0.68 0.51	17.4 19.2	Cyc ary Group LOS B B	Apr Dela	proach	 h 	S 6	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80	I: e Ad up Flow acity 9 17 41 34 8 17 4 19	ntersect j Sat w Rate (s) 70 07	Rat: v/c 0.27 0.70	ios 	Lane Delay 17.4 19.2	CycaryGroupLOSB	Dela	proach	 h 	S 6	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound	I: e Ad up Flow acity 9 17 41 34 8 17 4 19: 9 15:	ntersect j Sat w Rate (s) 70 07 70 25 83	Rat. v/c 0.27 0.70 0.58 1.11 0.03	ios g/C 0.68 0.51 0.68 0.51 0.51	17.4 19.2 13.1 86.1 11.0	Cyc ary Group LOS B B	Dela	proach	 h 	S (ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound L 10	In the second of	ntersect j Sat w Rate (s) 70 07 70 25 83	Rat. v/c 0.27 0.70 0.58 1.11 0.03 2.35	ios g/C 0.68 0.51 0.68 0.51 0.51	17.4 19.2 13.1 86.1 11.0	CycaryGroup_LOS_BBBFBFF	Dela 19.1	proach	 h 	S	ecs
Appr/ Landane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound L 10 T 43	In the state of th	ntersect j Sat w Rate (s) 70 07 70 25 83 9 63	Rat: v/c 0.27 0.70 0.58 1.11 0.03 2.35 0.14	ios g/C 0.68 0.51 0.68 0.51 0.51 0.23 0.23	17.4 19.2 13.1 86.1 11.0 668.1 27.4	CycaryGroupLOSBB	Dela 19.1	proach	 h 	S	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound L 10	In the state of th	ntersect j Sat w Rate (s) 70 07 70 25 83 9 63	Rat. v/c 0.27 0.70 0.58 1.11 0.03 2.35	ios g/C 0.68 0.51 0.68 0.51 0.51	17.4 19.2 13.1 86.1 11.0	CycaryGroup_LOS_BBBFBFF	Dela 19.1	proach	 h 	S	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound L 10 T 43 R 63 Southbound	E Adup Flow acity 9 17 41 34 8 17 4 19 9 15 7 45 5 18 3 15	ntersect j Sat w Rate (s) 70 07 70 25 83 9 63	0.27 0.70 0.58 1.11 0.03 2.35 0.14 0.39	0.68 0.51 0.68 0.51 0.23 0.23 0.40	17.4 19.2 13.1 86.1 11.0 668.1 27.4 19.4	CycaryGroupLOSBBFBCBB	73.8	oroacley Los	 h 	S	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound L 10 T 43 R 63 Southbound LT 34	E Adup Flowacity 9 17 41 34 8 17 4 19 9 15 7 45 5 18 3 15	ntersect j Sat w Rate (s) 70 07 70 25 83 9 63 83	Rat. v/c 0.27 0.70 0.58 1.11 0.03 2.35 0.14 0.39	ios g/C 0.68 0.51 0.68 0.51 0.51 0.23 0.23 0.40	17.4 19.2 13.1 86.1 11.0 668.1 27.4 19.4	CycaryGroup_LOS BBBFBBFBB	Dela 19.1	oroacley Los	 h 	S	ecs
Appr/ Lan Lane Gro Grp Cap Eastbound L 29 TR 17 Westbound L 33 T 98 R 80 Northbound L 10 T 43 R 63 Southbound LT 34 R 60	E Adup Flowacity 9 17 41 34 8 17 4 19 9 15 7 45 5 18 3 15	ntersect j Sat w Rate (s) 70 07 70 25 83 9 63 83	Rat. v/c 0.27 0.70 0.58 1.11 0.03 2.35 0.14 0.39 0.97 0.23	ios g/C 0.68 0.51 0.68 0.51 0.51 0.23 0.23 0.40 0.23 0.40	Lane Delay 17.4 19.2 13.1 86.1 11.0 668.1 27.4 19.4 73.8 17.9	CycaryGroupLOSBBFEBEBB	73.8	y LOS	n S	S	ecs

Area Type: All other areas Agency: JCE

Jurisd:

Date: 2/11/11
Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB6

N/S St: STONY STREET/BJ'S E/W St: ROUTE 202/35

			SIGNALIZE	D INTERSE	CTION SUM	MARY		
	l Eas	stbound	• '	bound	Northb		Southb	ound I
	L	T R		r R	L T	R	L T	R
No. Lane	es	2 0	¦		$-\frac{1}{1}$	1	0 1	1
LGConfig	•	TR	, L	T R	I L T	R	i I	TR
Volume	74	1063 223	•	29 40	220 53	328	156 126	57
Lane Wid		12.0		4.0 12.0	12.0 12.	0 12.0	12.	0 11.0
RTOR Vol	-	22	İ	23	1	33	1	54
Duration	n 0.25	Are	ea Type: A	ll other al Operat				
Phase Co	ombination	n 1 2		4	5	 6	7	8
EB Left		A E		NB	Left A			
Thru		E		i	Thru A			
Righ		E		į	Right A			
Peds				i	Peds X			
WB Left		A E		SB	Left A			
Thru		E		ĺ	Thru A			
Righ		E		í	Right A			
Peds				ĺ	Peds X			
NB Righ		A		, EB	Right			
SB Righ		A		i WB	Right			
Green			0.0	,	15	.0		
Yellow		4.0 4.			4.	0		
All Red		1.0 1.			1.			
					С	ycle Le	ngth: 80.	0 secs
		Inter	section P	erformano	ce Summary			
Appr/	Lane	Adj Sa	at Rat	ios	Lane Gro	up Ap	proach	
Lane	Group	Flow Ra						
Grp	Capacity	(s)	v/c	g/C	Delay LO	S Del	ay LOS	
Eastbour	nd							
L	336	1770	0.24	0.70	14.8 B			
TR	1746	3406	0.80	0.51	19.9 B	19.	6 B	
Westbour	nd							
L	336	1770	0.79	0.70	31.2 C			
Т	987	1925	0.93	0.51	34.7 C	33.	5 C	
R	811	1583	0.02	0.51	9.7 A			
Northbou								
L	92	460	2.65	0.20	805.7 F	ı		
$\overset{-}{ ext{T}}$	373	1863	0.16	0.20	26.5 C	324	.1 F	
R	613	1583	0.54	0.39	19.4 B			
Southbou								
LT	299	1497	1.05	0.20	96.8 F	96.	0 F	
							-	
	583	1505	0.01	0.39	15.0 B	•		
R	583 Intersed		0.01 Lay = 83.9				on LOS = F	?

Area Type: All other areas Agency: JCE

Jurisd: Date: 02/15/2011

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD6

M/C C+. CTONV CTDFFT/DIC

E/W St:	ROUTE 202	:/35		N/S	St: ST	ONY STREE	ET/BJ'S	
		SI	GNALIZED	INTERSE	CTION S	UMMARY		
	l Eas	tbound	Westb			hbound	South	oound I
	L	T R	L T	R		T R	L T	R
No. Lane		2 0	1	1 1	1	1 1		<u> </u>
LGConfig		TR		T R	L	T R	•	LT R
Volume			90 49		186 8		1108 71	111
Lane Wid	th 12.0		12.0 14		12.0 1	2.0 12.0	12.	.0 11.0
RTOR Vol	l	12		7	1	20		93
Duration	0.25	Area '	Type: Al					···· •··· •·· •·· •·· •·· •·· •·· •·· •
Phase Co	mbination	1 2	srgna	l Operat 4	TOHS	5 6	7	8
EB Left		A P		NB	Left	A		
Thru		P		ĺ	Thru	A		
Righ	t	P		Ì	Right	A		
Peds				I	Peds	X		
WB Left		A P		SB	Left	Α		
Thru		P			Thru	A		
Righ	t	P		1	Right	A		
Peds				1	Peds	X		
NB Righ	t	A		EB	Right			
SB Righ	t	A		WB	Right			
Green		10.0 40.0				15.0		
Yellow		4.0 4.0				4.0		
All Red		1.0 1.0				1.0		
		Intoneo	ction Pe	rformana	e Summa	-	ength: 80	.0 secs
Appr/	 Lane	Adj Sat	Rati		Lane G		pproach	
	Group	Flow Rate						
	Capacity	(s)	v/c	g/C	Delay	LOS De	lay LOS	
Eastbound	<u> </u>	* ***** **** **** **** **** **** **** ****						
L	553	1770	0.06	0.70	5.4	A		
TR	1757	3428	0.89	0.51	24.3	C 24	.0 C	
Westboun	d							
L	336	1770	0.29	0.70	11.8	В		
Т	987	1925	0.54	0.51	15.3	в 14	.7 B	
R	811	1583	0.01	0.51	9.6	Α		
Northbou	nd							
L	174	872	0.55	0.20	31.0	С		
T	373	1863	0.02	0.20	25.7	C 21	.9 C	
R	613	1583	0.31	0.39	17.2	В		
Southbour	nd							
LT	305	1524	0.65	0.20	33.3	C 31	.7 C	
R	583	1505				В	_	
		tion Delay				tersecti	on LOS =	С
					•			

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD6

		QT	CNATIFED	TNITTEDSE	CTION SUMM	ΛDV		
		tbound	Westb		Northbo	***************************************	Southb	ound
	L	T R	L T	R	L T	R	L T	R
	l n	1 1	11 1	K		1	п т	
No. Lanes	1	2 0	1	1 1	1 1	1	0 1	1
LGConfig	L	TR	L	T R	L T	R	L	T R
Volume	175	992 193	189 11	02 57	1226 55	267	181 123	160
Lane Width	1 12.0	12.0	112.0 14	.0 12.0	112.0 12.0	12.0	12.	0 11.0
RTOR Vol		19	Ì	30	1	42		37
Duration	0.25	Area		l other l Operat				
Phase Comb	ination	1 2	3	4	5	6	7	8
EB Left		A P		NB	Left A			
Thru		P		1	Thru A			
Right		Р		1	Right A			
Peds				1	Peds X			
WB Left		A P		SB	Left A			
Thru		P			Thru A			
Right		P			Right A			
Peds				I	Peds X			
NB Right		A		EB	Right			
SB Right		A		WB	Right			
Green		10.0 45.0			20.	0		
Yellow	•	4.0 4.0			4.0			
All Red		1.0 1.0			1.0			
				_	*	cle Len	gth: 90.	0 secs
					e_Summary_			
	ine	Adj Sat	Rati	os	Lane Grou	р Арр	roach	
	coup	Flow Rate						
Grp Ca	pacity	(s)	v/c	g/C	Delay LOS	рета	y LOS	
Eastbound		***************************************				***************************************	alahiri bilandi musuk musuk annari musuk musuk musuk	
	299	1770	0.27	0.68	17.4 B			
TR 1	.743	3410		0 61				
	. , 10	2410	0.73	0.51	20.0+ C	19.9	В	
Westbound	. 7 10	2410	0.73	0.51	20.0+ C	19.9	В	
	323	1770	0.73	0.68	20.0+ C 15.6 B	19.9	В	
ь з						19.9 92.9		
L 3	323	1770	0.61	0.68	15.6 B			
L 3	323 984 309	1770 1925	0.61 1.17	0.68 0.51	15.6 B 108.1 F			
T S R S Northbound	323 984 309	1770 1925	0.61 1.17	0.68 0.51	15.6 B 108.1 F			
T S R 8 Northbound L 1	323 98 4 309	1770 1925 1583	0.61 1.17 0.03	0.68 0.51 0.51	15.6 B 108.1 F 11.0 B		F	
T S R Northbound L 1	323 984 309 1	1770 1925 1583	0.61 1.17 0.03	0.68 0.51 0.51	15.6 B 108.1 F 11.0 B	92.9	F	
T S R S Northbound L 1 T	323 984 809 1 .03 135	1770 1925 1583 443 1863	0.61 1.17 0.03 2.44 0.14	0.68 0.51 0.51 0.23 0.23	15.6 B 108.1 F 11.0 B 709.5 F 27.4 C	92.9	F	
T S R R R R R R R R R R R R R R R R R R	323 984 809 1 .03 135 533	1770 1925 1583 443 1863 1583	0.61 1.17 0.03 2.44 0.14 0.39	0.68 0.51 0.51 0.23 0.23 0.40	15.6 B 108.1 F 11.0 B 709.5 F 27.4 C 19.4 B	92.9 328.	F 5 F	
T S R R R R R R R R R R R R R R R R R R	323 984 809 1 .03 135	1770 1925 1583 443 1863 1583	0.61 1.17 0.03 2.44 0.14 0.39	0.68 0.51 0.51 0.23 0.23 0.40	15.6 B 108.1 F 11.0 B 709.5 F 27.4 C 19.4 B	92.9 328.	F 5 F	
T S R S Southbound	323 984 309 1.03 135 533 1.35	1770 1925 1583 443 1863 1583	0.61 1.17 0.03 2.44 0.14 0.39	0.68 0.51 0.51 0.23 0.23 0.40	15.6 B 108.1 F 11.0 B 709.5 F 27.4 C 19.4 B	92.9 328.	F 5 F E	

Inter.: ROUTE 202/35 & STONY STREET Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd:

Date: 02/04/2010 Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD6

N/S St: STONY STREET/BJ'S E/W St: ROUTE 202/35

		ST	GNALTZED	INTERSE	CTION SUMM	ARY		
	Eas	stbound	Westb		Northbo		South	nbound
	L	T R	LT	R	L T	R	L T	r R I
No. Lan	ies 1	2 0	' 1	1 1	¦ <u>1</u> 1	1	0	1 1
LGConfi	•	TR		T R	L T	R		LT R
Volume	174	1148 223	239 91		220 53		164 12	26 57
	dth 12.0		112.0 14		12.0 12.0	12.0	12	2.0 11.0
RTOR Vo		20	İ	27		26	1	47
Duratio	n 0.25	Area	Tune: Al	l other	27029			
			Signa	l Operat	ions			
	ombination		3	4	5	6	7	8
EB Lef		A P		NB	Left A			
Thr		P		!	Thru A			
Rig		P		!	Right A			
Ped				!	Peds X			
WB Lef		A P		SB	Left A			
Thr		P		*	Thru A			
Rig		P			Right A			
Ped		_			Peds X			
NB Rig		A		EB	Right			
SB Rig	nt	A 10 0 40 0		WB	Right 15.	^		
Green		10.0 40.0 4.0 4.0			4.0			
Yellow	1	1.0 1.0			1.0			
All Red	ı	1.0 1.0					ngth: 80	0.0 secs
		Interse	ction Pe	rformanc	e Summary	CIC HOI	ing cir.	0.0
Appr/	Lane	Adj Sat	Rati		Lane Grou	p Ap	proach	
Lane	Group	Flow Rate						_
Grp	Capacity	(s)	v/c	g/C	Delay LOS	Dela	ay LOS	
Eastbou								
L	336	1770	0.24	0.70	14.9 B			
TR	1748	3410	0.85	0.51	22.2 C	21.	8 C	
Westbou								
\mathbf{L}	336	1770	0.79	0.70	31.7 C			
T	987	1925	1.03	0.51	56.2 E	50.	4 D	
R	811	1583	0.03	0.51	9.7 A			
Northbo		4.60	0 65	0.00	00F 7 7			
L	92	460	2.65	0.20	805.7 F	200	4 5	
T	373	1863	0.16	0.20	26.5 C	320	.4 F	
R	613	1583	0.55	0.39	19.7 B			
	und							
Southbo	und							
	ound 298	1490	1.08	0.20	107.3 F	104	.2 F	
Southbo		1490 1505	1.08 0.02	0.20 0.39		104	.2 F	
Southbo	298 583		0.02		15.1 B		.2 F n LOS =	F

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB6 - WITH TIMING IMPROVEMENTS

E/W De. IX	701E 202	7 3 3				N/D	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,) I OIV I	OIKHH.	.,	0		
			SIC	GNALI	ZED I	NTERSE	CTION	SUMMA	RY				
	Eas	tbound		Wes	stbou		Nor	rthbou	ınd	So	uthbo	und	T
	L	T :	R	L 	T	R	L 	Т	R	l L	T	R	
No. Lanes	1 1	2	0	' <u> </u>	1	1	i 1	1	1	0	1	1	<u>i</u>
LGConfig	L	TR		L	T	R	L	_ T	R		LT		!
Volume	175			1189	1049		1226	55		176	123	160	. 1
Lane Width RTOR Vol	1 12.0	12.0		12.0	14.0	36	12.0	12.0	23	} 	12.0	11.0 19	<u> </u>
Duration	0.25	A	rea '			other							
Dhaga Camb			~~~~~	Si	gnal 4	_	ions_	<u>-</u>	6	- 7		8	
Phase Comb	THACTON	A	2 P	3	4	 NB	Left	A	O	,		0	
Thru		11	P			1	Thru						
Right			P				Right						
Peds							Peds	X					
WB Left		A	P			SB	Left						
Thru			P				Thru						
Right Peds			P				Right Peds	t A X					
NB Right		A				 EB	Right						
SB Right		A				WB	Right						
Green			39.0			·	J	28.0)				
Yellow			4.0					4.0					
All Red		1.0	1.0					1.0					
		T +			D = E				cle Le	ngth:	90.0) s	ecs
Appr/ La	 ine	Adj			rerr atios		e Sumr Lane		App	oroac	 h		
	oup	Flow			20100		20110	OLOG1	1411	prodo	••		
	pacity	(s		v/c	g	/c	Dela	y LOS	Dela	ay LO	S		
Eastbound							.,			······································			
L 2	260	1770		0.3		.59	17.5						
TR 1	.514	3407		0.83	1 0	. 44	26.4	С	25.	9 C			
Westbound													
	:60	1770		0.7		.59	29.7						
	356	1925		1.2		. 44	158.		137	.2 F			
	04	1583		0.03	3 0	. 44	14.1	В					
Northbound L 2	1 220	683		1.1	4 ∩	.32	134.	4 F					
	500	1863		0.1		.32	21.4		67.	3 E			
	39	1583		0.3		.47	15.6		-				
Southbound													
LT 4	175	1475		0.7	o 0	.32	30.6	С	25.	4 C			
	10						14.3		·	ŭ			
	ntersec								sectio	n LOS	= E		

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB6 - WITH IMPROVEMENTS

		SI	GNALIZED	INTERSE	CTION SUM	MARY		
	l Eag	stbound	Westb		Northb		Sout	hbound
	L	T R	L T		L T	R	L L	T R
No. Lan	es	2 0	1	1 1	' 1 1	1	0	
LGConfi	.g L	TR	l L	T R	L T	R		LT R
Volume	174	1063 223	239 82	9 40	1220 53	328	156	126 57
Lane Wi	dth 12.0	12.0	112.0 14	.0 12.0	12.0 12.	0 12.0] [12.0 11.0
RTOR Vo		17	1	34	İ	11	l	22
Duratio	n 0.25	Area		l other				
Dhaga C	ombinatíor	n 1 2	Signa 3	l Operat 4	ions5	6	<u>-</u>	8
EB Lef		A P	3	4 NB	Left A		,	O
Thr		P		l ND	Thru A			
Rig		P		i i	Right A			
Ped		ı.		<u> </u>	Peds X			
WB Lef		A P		l SB	Left A			
Thr		P		1 22	Thru A			
Rio		P		1	Right A			
Ped		r		1	Peds X			
NB Rig		A		 EB	Right	•		
SB Rig		A		WB	Right			
Green	IIC	8.0 38.0		1 110		0.0		
Yellow		4.0 4.0			4.			
All Red	İ	1.0 1.0			1.			
AII VEC	L	1.0 1.0				cycle Lei	nath: '	90.0 secs
		Interse	ction Pe	rformanc	e Summary:	-		
Appr/	Lane	Adj Sat	Rati	.os	T C	au Api	proach	
Lane	C 10 0 1110				Lane Gro			
	Group	Flow Rate			Lane Gro		2 1 0 0 0 11	
Grp	Group Capacity	Flow Rate (s)	v/c	g/C	Delay LC		ay LOS	
	Capacity			g/C				
Eastbou	Capacity	(s)	v/c		Delay LC	DS Del		
	Capacity			g/C 0.58 0.43		Del	ay LOS	
Eastbou L TR	Capacity and 260 1475	(s) 1770	v/c 0.31	0.58	Delay LC	DS Del	ay LOS	
Eastbou L TR	Capacity and 260 1475	1770 3404	0.31 0.95	0.58	Delay LC 17.5 E 38.0 E	DS Del	ay LOS	
Eastbou L TR Westbou	Capacity and 260 1475 and 260	1770 3404	0.31 0.95	0.58 0.43	17.5 E 38.0 E	Del. 36.	ay LOS	
Eastbou L TR Westbou L	Capacity 260 1475 and 260 834	1770 3404 1770 1925	0.31 0.95 1.02 1.10	0.58 0.43 0.58 0.43	17.5 E 38.0 E 87.6 E 97.9 E	Del. 36.	ay LOS	
Eastbou L TR Westbou L T	Capacity 260 1475 and 260 834 686	1770 3404	0.31 0.95	0.58 0.43	17.5 E 38.0 E	Del. 36.	ay LOS	
Eastbou L TR Westbou L T R	Capacity 260 1475 and 260 834 686	1770 3404 1770 1925 1583	0.31 0.95 1.02 1.10 0.01	0.58 0.43 0.58 0.43 0.43	17.5 E 38.0 E 87.6 E 97.9 E 14.5 E	36. 36.	ay LOS	
Eastbou L TR Westbou L T R Northbo	Capacity 260 1475 and 260 834 686 aund 250	1770 3404 1770 1925 1583 750	0.31 0.95 1.02 1.10 0.01 0.98	0.58 0.43 0.58 0.43 0.43	Delay LC 17.5 E 38.0 E 87.6 E 97.9 E 14.5 E	36. 36.	ay LOS 9 D	
Eastbou L TR Westbou L T R Northbo	Capacity 260 1475 and 260 834 686 and 250 621	1770 3404 1770 1925 1583 750 1863	0.31 0.95 1.02 1.10 0.01 0.98 0.10	0.58 0.43 0.58 0.43 0.43 0.33 0.33	Delay LC 17.5 E 38.0 E 87.6 E 97.9 E 14.5 E 82.0 E 20.7 C	Del. 36. 36. 41.	ay LOS 9 D	
Eastbou L TR Westbou L T R Northbo	Capacity 260 1475 and 260 834 686 aund 250 621 756	1770 3404 1770 1925 1583 750	0.31 0.95 1.02 1.10 0.01 0.98	0.58 0.43 0.58 0.43 0.43	Delay LC 17.5 E 38.0 E 87.6 E 97.9 E 14.5 E	Del. 36. 36. 41.	ay LOS 9 D	
Eastbou L TR Westbou L T R Northbo L T R Southbo	Capacity 260 1475 and 260 834 686 aund 250 621 756 aund	1770 3404 1770 1925 1583 750 1863 1583	0.31 0.95 1.02 1.10 0.01 0.98 0.10 0.47	0.58 0.43 0.58 0.43 0.43 0.33 0.33 0.33	17.5 E 38.0 E 87.6 F 97.9 F 14.5 E 82.0 F 20.7 C 15.9	Dela 36. 95.	ay LOS 9 D 1 F	
Eastbou L TR Westbou L T R Northbo L T R Southbo	Capacity 260 1475 and 260 834 686 aund 250 621 756 aund 499	1770 3404 1770 1925 1583 750 1863 1583	0.31 0.95 1.02 1.10 0.01 0.98 0.10 0.47	0.58 0.43 0.58 0.43 0.43 0.33 0.33 0.38	Delay LO 17.5 38.0 87.6 97.9 14.5 82.0 20.7 15.9	Del. 3 36. 5 95. 6 41.	ay LOS 9 D 1 F	
Eastbou L TR Westbou L T R Northbo L T R Southbo	Capacity 260 1475 and 260 834 686 aund 250 621 756 aund 499 727	1770 3404 1770 1925 1583 750 1863 1583	0.31 0.95 1.02 1.10 0.01 0.98 0.10 0.47	0.58 0.43 0.58 0.43 0.43 0.33 0.33 0.48	Delay LO 17.5 38.0 87.6 97.9 14.5 82.0 20.7 15.9 27.2 12.6	Del. 3 36. 41. 3 25.	ay LOS 9 D 1 F 0 D	

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES - I

Project ID: 1646PMBD6 - WITH TIMING IMPROVEMENTS

,	00111 100	.,	ca ***	~~~~		,	OM T 031	C 1734347	Y 7 1 1	-,	-		
	l Pas				SED II	NTERSE		SUMM <i>i</i> thbou			uthbo		1
	Las	stbour T	ra R	we:	s Ebou. T	na R	L	. ensot T	R	50 L	u chibo T	R R	1
	1 1	1	IX.	! !	1	10	1 11		10	 	<u> </u>	10	i I
No. Lanes	1 1	2	0	' 	1	<u>_</u>	¦ <u>-</u> -	<u>-</u>	1	0		 1	
LGConfig	i L	TR	•	, L	$\overline{\mathbf{T}}$	R	L	Т	R		LT	R	
Volume	75	992	193	189	1102		1226	55	267	181	123	160	
Lane Width	n 12.0	12.0		112.0	14.0	12.0	112.0	12.0	12.0		12.0	11.0	
RTOR Vol	***************************************		18	I		36			23	l		19	1
Duration	0.25		Area '										
Phase Comb		1	2	3 	311a. 4	Operat I	Tons	 5	6	- 7		 8	
EB Left	JIIIACIOI	A	P	J	•	i NB	Left	Ā	v	,			
Thru			P			i	Thru	A					
Right			Р			i	Right	. A					
Peds						1	Peds	X					
WB Left		A	P			SB	Left	A					
Thru			P				Thru						
Right			P			1	Right						
Peds							Peds	Х					
NB Right		A				EB	Right						
SB Right		A	20 0			WB	Right	28.0	1				
Green Yellow		8.0 4.0	39.0 4.0					4.0	J				
All Red		1.0	1.0					1.0					
mar nea									cle Le	ngth:	90.0	se	ecs
		Ir	nterse	ction	Perf	ormanc	e Sumr	-					
Appr/ La	ane	Ad:	j Sat	Ra	atios		Lane	Grou	p Ap	proac	h		
	coup		w Rate										
Grp Ca	apacity		(s)	v/c	g	/C	Delay	/ LOS	Dela	ay LC	S		
Eastbound													
	260	177		0.33		.59	17.5	В	0.7		1		
TR 1	L516	341	LO	0.85	o 0	. 44	28.2	С	27.	6 C			
Westbound													
	260	177	70	0.7		.59	30.2	C					
	356		25	1.3		. 44			151	.1 F	•		
	704	158	33	0.03	3 0	. 44	14.2	В					
Northbound													
	216	673		1.1		.32			70	^ -			
	600		63	0.10		.32			70.	8 E	i		
	739	158	33	0.3	, 0	. 47	15.6	В					
Southbound													
LT 4	174	147	72	0.7	1 0	.32	31.2	С	25.	8 C			
R	710	152	21	0.22	2 0	. 47	14.3	В					
									sectio	n LOS	= E		

Agency: JCE Area Type: All other areas

Date: 2/13/2011
Period: SATURDAY PEAK HOUR Jurisd:

Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD6 - WITH IMPROVEMENTS

N/S St: STONY STREET/BJ'S E/W St: ROUTE 202/35

		SI	GNALIZED	INTERSE	CTION SUMMA	RY	
***************************************	Ea:	stbound	Westbo	ound	Northbou	nd Sc	uthbound
	L	T R	L T	R	L T	R L	T R
No. Lai	nes 1	2 0	1 1	1 1	1 1		1 1 1
LGConf:	•	TR		r R	LT	R	LT R
Volume	J .		1239 915			328 164	126 57
Lane W:	•		12.0 14.		112.0 12.0	12.0	12.0 11.0
RTOR V	•	17		34	1	11	22
Duration	on 0.25	Area	Type: All	Lother	areas		
				l Operat			
	Combination		3	4	5	6 7	8
EB Le:		A P		NB	Left A		
Th:		P		!	Thru A		
	ght	P		!	Right A		
Ped				~ ~	Peds X		
WB Le:		A P		SB	Left A		
Th:		P -		1	Thru A		
	ght	P		1	Right A		
Pec		_			Peds X		
	ght	A		EB	Right		
	ght	A		WB	Right		
Green		8.0 38.0			29.0		
Yellow		4.0 4.0			4.0		
All Red	a	1.0 1.0			1.0	le Length	90.0 secs
					e Summary		
Appr/	Lane	Adj Sat	Ratio	os	Lane Group	Approad	ch
Lane	Group	Flow Rate					
Grp	Capacity	(s)	v/c	g/C	Delay LOS	Delay Lo	OS .
Eastbo							
L	260	1770	0.31	0.58	17.5 B	40.0	
TR	1477	3409	1.01	0.43	50.7 D	49.0	
Westbo							
L	260	1770	1.02	0.58	88.1 F		
T	834	1925	1.22	0.43	135.1 F	123.9	₹ [*]
R	686	1583	0.02	0.43	14.7 B		
Northbo							
L	243	729	1.00	0.33	88.8 F		
\mathbf{T}	621	1863	0.10	0.33	20.7 C	43.5)
R	756	1583	0.47	0.48	15.9 B		
Southb	ound						
		1490	0.65	0.33	27.8 C	26.2	C
LT	497	1490	0.00				9
LT R	497 727						o
LT R	727	1522	0.05	0.48			

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB6 - WITH NYSDOT IMPROVEMENTS

		SI	GNALIZED	INTERSE	CTION S	UMMARY			
	Ea	stbound	Westb	ound	Nort	hbound	Sout	hbound	
	L	T R	L T	R	L	T R	L	T R	
No. Lan	es	2 1	·	2 0	1	1 1	ˈi		1
LGConfi	•	T R	•	TR	L	T R	j	LT R	, I
Volume	129	1261 171	190 48	6 15	86 8		107	71 111	
Lane Wi		12.0 12.0	12.0 14		12.0 1	2.0 12.0		l2.0 11.0	
RTOR Vo	1	47	1	2		20	1	93	I
Duratio	n 0.25	Area	Type: Al						
Dhago C	ombination	n 1 2	Signa 3	<pre>1 Operat 4 </pre>	ions	5 6	7	<u>-</u>	
EB Lef		A P	3	u I I NB	Left	A	,	O	
Thr		P		1	Thru	A			
Rig		P		i	Right	A			
Ped		~		i	Peds	X			
WB Lef		A P		i SB	Left	A			
Thr	u	P		İ	Thru	A			
Rig.	ht	P		Ì	Right	A			
Ped	s			ĺ	Peds	X			
NB Rig	ht	A		EB	Right				
SB Rig	ht	A		WB	Right				
Green		4.9 42.3				12.5			
Yellow		4.0 4.0				4.0			
All Red		1.0 1.0				1.0			
		T = + = = = =	ation Da			Cycle Le	ngth:	74.7 sed	CS
Appr/	Lane	nterse Adj Sat	ction Pe	rrormanc os			proach		
Lane	Group	Flow Rate		03	name G	roup Ap	proacn		
Grp	Capacity		 v/c	 g/C	Delay	LOS Del	ay LOS		
			V/ C	g/ C					
Eastbou:		1770	0 05	0.71	2 4	7)			
L T	605 2016	1770 3478	0.05 0.68	0.71 0.58	3.4 12.8	А В 12.	1 5		
R	900	1552	0.00	0.58	7.6	В 12. А	1 B		
Westbou		1002	0.15	0.50	7.0	A			
L	270	1770	0.36	0.71	7.6	Α			
TR	2131	3676	0.25	0.58	8.0	A 8.0	A		
		00.0	0.20	0.00	•••		• •		
Northbo	und								
L	155	858	0.62	0.18	33.7	С			
T	337	1863	0.03	0.18	25.2	C 24.	7 C		
R	496	1583	0.38	0.31	20.2	C			
	und								
Southbo									
	276	1525	0.72	0.18	36.3	D 34.	6 C		
Southbook LT R	276 476	1525 1518	0.72 0.04	0.18 0.31			6 C		
LT	476	1525 1518 ction Delay	0.04	0.31	17.9			= B	

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB6 - WITH NYSDOT IMPROVEMENTS

		ST	GNALIZE	INTERSE	CTION SU	IMMARY			
	Eas	~~~ stbound	Westb	=		nbound	So11	thbound	ī
	L	T R	L		LIT		L	T R	*
No. Lan	es	2 1	·	2 0	- ' 1	1 1	-	1 1	
LGConfi-	,	T R	L	TR	L	T R	1	LT R	1
Volume	175	939 193		110	226 55		176	123 160	İ
Lane Wi		12.0 12.0	112.0 14		12.0 12		1 - 7 - 0	12.0 11.0)
RTOR Vo		67		4		23	i	19	
Duratio	n 0.25	Area		l other					
Phase Co	ombination	n 1 2	3	4	. 10115	5 6	<u>-</u> 7	8	
EB Lef		A P	v	NB	Left	A A	·	•	
Thr		P		i	Thru	A A			
Rig		P		i	Right	A A			
Ped		_		i	Peds	Х			
WB Lef		A P		I SB	Left	A			
Thr		P		i	Thru	А			
Rig		P		i	Right	A			
Ped				1	Peds	X			
NB Rig		A		EB	Right				
SB Rig		A		WB	Right				
Green		8.0 34.0	1	,	_	6.0 22	. 0		
Yellow		4.0 4.0			4	4.0 4.0)		
All Red		1.0 1.0			1	1.0 1.0			
						~ 1 ~			
						Cycle Le	ength:	90.0	secs
		Interse	ction Pe	erformano	e Summar	Cycle Le ry	ength:	90.0	secs
Appr/	 Lane	Interse Adj Sat	ction Pe Rati	erformano los	e Summaı Lane Gı	cy	ength: oproach		
Appr/	Lane Group		Rati			cy			
		Adj Sat	Rati			ryAp			
Lane	Group Capacity	Adj Sat Flow Rate	Rati	los	Lane Gr	ryAp	proach		
Lane Grp	Group Capacity	Adj Sat Flow Rate	Rati	los	Lane Gr	ryAp	proach		
Lane Grp Eastbou	Group Capacity nd	Adj Sat Flow Rate (s)	Rati V/c	g/C	Lane Gr Delay I	roup Ap	oproach		
Lane Grp Eastbou	Group Capacity nd 260	Adj Sat Flow Rate (s)	Rati v/c 0.32	g/C 0.53	Lane Gr Delay I	ryAroup Ar	oproach	 ì	
Lane Grp Eastbour T	Group Capacity nd 260 1353 604	Adj Sat Flow Rate (s) 1770 3478	0.32 0.76	g/C 0.53 0.39	Lane Gr Delay I 15.4 17.9	roup Ap LOS Del B B 17	oproach	 ì	
Lane Grp Eastbour L	Group Capacity nd 260 1353 604	Adj Sat Flow Rate (s) 1770 3478	0.32 0.76	0.53 0.39 0.39	Lane Gr Delay I 15.4 17.9	roup Ap LOS Del B B 17	oproach	 ì	
Lane Grp Eastbour L T R Westbour	Group Capacity nd 260 1353 604	Adj Sat Flow Rate (s) 1770 3478 1552	0.32 0.76 0.23	0.53 0.39 0.53	Delay I 15.4 17.9 19.3	roup Ag LOS De	oproach	 ì	
Lane Grp Eastbour L T R Westbour L TR	Group Capacity nd 260 1353 604 nd 291 1426	Adj Sat Flow Rate (s) 1770 3478 1552	0.32 0.76 0.23	0.53 0.39 0.53	Delay I 15.4 17.9 19.3	roup Ag LOS De	pproach	 ì	
Lane Grp Eastbour L T R Westbour L TR	Group Capacity 	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667	0.32 0.76 0.23 0.68 0.80	0.53 0.39 0.39 0.53 0.39	15.4 17.9 19.3 19.4 29.3	roup Ap LOS Del B B 17 B C 27	pproach	 ì	
Lane Grp Eastbour L T R Westbour L TR	Group Capacity 	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667	0.32 0.76 0.23 0.68 0.80	0.53 0.39 0.39 0.39	15.4 17.9 19.3 19.4 29.3	roup Ap LOS Del B B C 27	oproach Lay Los	 ì	
Lane Grp Eastbour L T R Westbour L TR Northbor L	Group Capacity 	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667	0.32 0.76 0.23 0.68 0.80	0.53 0.39 0.39 0.39	Lane Gr Delay I 15.4 17.9 19.3 19.4 29.3	roup Ap LOS Del B B C 27	oproach Lay Los	 ì	
Lane Grp Eastbour L T R Westbour L TR Northbor L T	Group Capacity nd 260 1353 604 nd 291 1426 und 273 704 827	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667	0.32 0.76 0.23 0.68 0.80	0.53 0.39 0.39 0.39 0.38 0.38	15.4 17.9 19.3 19.4 29.3	roup Ap LOS De: B B 17 B C 27 E B 34	oproach Lay Los	 ì	
Lane Grp Eastbour L T R Westbour L TR Northbor L T R Southbor	Group Capacity 1353 604 nd 291 1426 und 273 704 827 und	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667 1761 1863 1583	0.32 0.76 0.23 0.68 0.80 0.92 0.09 0.33	0.53 0.39 0.39 0.53 0.39	15.4 17.9 19.3 19.4 29.3	roup Ar LOS Del B B 17 B C 27 E B 34 B	Dproach Lay LOS .9 B	 ì	
Lane Grp Eastbount L T R Westbount L TR Northbon L T R Southbon	Group Capacity 260 1353 604 and 291 1426 und 273 704 827 und 377	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667 1761 1863 1583	0.32 0.76 0.23 0.68 0.80 0.92 0.09 0.33	0.53 0.39 0.39 0.53 0.39	Lane Gr Delay I 15.4 17.9 19.3 19.4 29.3 63.2 18.0 12.5	roup Ar LOS Del B B 17 B C 27 E B 34 B D 41	oproach Lay Los	 ì	
Lane Grp Eastboun L T R Westboun L TR Northbon L T R Southbon	Group Capacity 	Adj Sat Flow Rate (s) 1770 3478 1552 1770 3667 1761 1863 1583	0.32 0.76 0.23 0.68 0.80 0.92 0.09 0.33	0.53 0.39 0.39 0.39 0.53 0.39	Lane Gr Delay I 15.4 17.9 19.3 19.4 29.3 63.2 18.0 12.5	roup Ar LOS Del B B B C 27 E B B C 41 B	Dproach Lay LOS .9 B .8 C	3	

Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB6 - WITH NYSDOT IMPROVEMENTS

		S	GNALIZED	INTERSE	CTION SUMM	ARY		
	l Ea	stbound	Westb		Northbo		Southb	ound I
	L	T R	L T	R	L T	R	L T	R
No. Lan	es	2 1	-¦1	2 0	1 1	 '	0 1	'
LGConfi		T R	•	rr	LT	R		TRI
Volume	174	1063 223	239 82		1220 53		156 126	· ·
Lane Wi		12.0 12.0	112.0 14		112.0 12.0			0 11.0
RTOR Vo		67		5		6	ق من الله الله الله الله الله الله الله الل	24
Duratio	n 0.25	Area	Type: Al					
Dhaga C	ombinatio			l Operat	10ns5			
			3	4		6	7	8
EB Lef		A P P		NB	Left A	A		
Thr		P.		1	Thru A	A		
Rigl Ped:		P		1	Right A Peds X	A X		
WB Lef		71 173		l I SB	Peds X Left	A		
		A P P		ا عد				
Thr		P P		1	Thru	A		
Rigl Ped:		P		l i	Right Peds	A X		
		71		ן מימון		Λ		
NB Right SB Right		A A		EB WB	Right			
SB Rigl Green	II C	8.0 34.0	`	1 MB	Right 7.0	21.0		
Yellow		4.0 4.0	,		4.0			
All Red		1.0 1.0			1.0			
AII Red		1.0 1.0					gth: 90.	0 secs
		Interse	action Pe	rformanc	e Summary	cre nen	g c 50.	0 3603
Appr/	Lane	Adj Sat	Rati		Lane Grou	n Ann	roach	
Lane	Group	Flow Rate			20110 0100			
Grp	Capacity		v/c	g/C	Delay LOS	Dela	y LOS	
		(5)	V / C	97 C				- United Market allistic visitatis united allistic dallists (Allis)
Eastbou	nd 286	1770	0.28	0.53	13.4 в			
T	1353	3478	0.86	0.39	28.7 C	25.8	С	
R	604	1552	0.28	0.39	11.8 B			
Westbou								
L	260	1770	1.02	0.53	85.7 F			
TR	1426	3668		0.39		38.4	D	
Northbox	und							
L	293	1760	0.83	0.38	45.5 D			
T	704	1863	0.08	0.38	18.0 B	25.7	С	
R	827	1583	0.43	0.52	13.4 B			
Southbor	und							
LT	366	1497	0.86	0.24	49.4 D	46.0	D	
R	593				17.2 B		_	
		ction Delay				section	LOS = C	1
				(220, 70				

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD6 - WITH NYSDOT IMPROVEMENTS

			SIGNALIZE	INTERSE	CTION S	UMMAI	ХY				
	I Eas	tbound	- Westk		Nort			Sout	hbou	nd	*
	L	T R	i L 1		L	T	R I	<u>.</u> '	Г	R	<u> </u>
No. Lan	nes	2 1	<u> </u>	2 0	1	1		0	1	_ 	İ
LGConfi			R L	TR	L	\mathbf{T}	R		LT	R	1
Volume	129	1271 17			86 8		191 10	08 7	1	111	1
Lane Wi		12.0 12		1.0	112.0 1			1	2.0	11.0	ĺ
RTOR Vo	•	47	1	2	İ		20			93	I
Duratio	on 0.25	Are	ea Type: Al	ll other al Operat							
Dhaga C	Combination	1 1	srgna 2 3	4	.10115		6	 7	8		
EB Lef			P	NB	Left	A	v	,	•		
Thr			P	1	Thru	A					
Rig			P	i	Right	A					
Ped			L	i	Peds	X					
WB Lef		A	P	l SB	Left	A					
Thr			P	1	Thru	A					
Riq			P	i	Right	A					
Ped		•	L	i	Peds	X					
NB Rig		A		, EB	Right	**					
SB Rig		A		WB	Right						
Green	jiic		2.3	1 44 15		12.5					
Yellow			.0			4.0					
retrow		4.0 4	. 0			* * ^					
711 Dag	1	1 0 1	Λ			1.0					
All Red	ì	1.0 1	.0			1.0 Cvc	le Leng	th: 7	4.7	se	cs
All Red	ł			erformanc		Сус	le Leng	th: 7	4.7	se	cs
		Inte	rsection Pe			Cyc ry			4.7	se	cs
Appr/	Lane	Inte Adj S	rsection Pe at Rat:		e Summa	Cyc ry			4.7	se	cs
		Inte	rsection Pe at Rat:		e Summa	Cyc ry roup	Appr	oach	4.7 	se	CS
Appr/ Lane	Lane Group Capacity	Inte Adj S Flow R	rsection Pe at Rat: ate	ios 	ce Summa Lane G	Cyc ry roup	Appr	oach	4.7	se	CS
Appr/ Lane Grp	Lane Group Capacity	Inte Adj S Flow R	rsection Pe at Rat: ate	ios 	ce Summa Lane G	Cyc ry roup	Appro	oach	4.7	se	cs
Appr/ Lane Grp Eastbou	Lane Group Capacity	Inte Adj S Flow R (s)	rsection Pe at Rat: ate 	ios g/C	ce Summa Lane G Delay	Cyc ry_ roup LOS	Appr	oach	4.7	se	cs
Appr/ Lane Grp Eastbou	Lane Group Capacity and 602	Inte Adj S Flow R (s)	rsection Peat Rati	ios g/C 	ce Summa Lane G Delay	Cyc ry_ roup LOS	Appro	LOS	4.7	se	CS
Appr/ Lane Grp Eastbou	Lane Group Capacity and 602 2016 900	Inte Adj S Flow R (s) 1770 3478	rsection Peat Rat: ate	ios g/C 0.71 0.58	Ce Summa Lane G Delay 3.4 12.9	Cyc ry roup LOS A B	Appro	LOS	4.7	se	CS
Appr/ Lane Grp Eastbou L T	Lane Group Capacity and 602 2016 900	Inte Adj S Flow R (s) 1770 3478	rsection Pe at Rat: ate	ios g/C 0.71 0.58	Ce Summa Lane G Delay 3.4 12.9	Cyc ry roup LOS A B	Approperties Appro	LOS	4.7	se	CS
Appr/ Lane Grp Eastbou L T R Westbou	Lane Group Capacity und 602 2016 900 und	Inte Adj S Flow R (s) 1770 3478 1552	rsection Peat Rat: ate	0.71 0.58 0.58	Se Summa Lane G Delay 3.4 12.9 7.6	Cyc ry Froup LOS A B A	Appro	LOS	4.7	se	cs
Appr/ Lane Grp Eastbou L T R Westbou	Lane Group Capacity Ind 602 2016 900 Ind 267 2131	Inte Adj S Flow R (s) 1770 3478 1552	rsection Peat Rat: ate	0.71 0.58 0.71	3.4 12.9 7.7 8.0	Cyc ry roup LOS A B A	Approperties Appro	LOS B	4.7	se	cs
Appr/ Lane Grp Eastbou L T R Westbou L TR	Lane Group Capacity Ind 602 2016 900 Ind 267 2131	Inte Adj S Flow R (s) 1770 3478 1552	rsection Peat Rat: ate	0.71 0.58 0.71	Se Summa Lane G Delay 3.4 12.9 7.6	Cyc ry roup LOS A B A	Approperties Appro	LOS B	4.7	se	CS
Appr/ Lane Grp Eastbou L T R Westbou L TR	Lane Group Capacity Ind 602 2016 900 Ind 267 2131	Inte Adj S. Flow R. (s) 1770 3478 1552 1770 3676	rsection Perature Rat Rate V/c 0.05 0.69 0.15 0.26 0.62	0.71 0.58 0.58 0.58	3.4 12.9 7.7 8.0	Cyc ry roup LOS A B A A	Approperties Appro	LOS B	4.7	se	CS
Appr/ Lane Grp Eastbou L T R Westbou L TR Northbo	Lane Group Capacity Ind 602 2016 900 Ind 267 2131 Dund 154	Inte Adj S. Flow R (s) 1770 3478 1552 1770 3676	rsection Perature Rat Rat: ate V/c 0.05 0.69 0.15 0.37 0.26 0.62 0.03	0.71 0.58 0.58 0.71 0.58	3.4 12.9 7.6 7.7 8.0	Cyc ry roup LOS A B A A	Approperty Delay	LOS B	4.7	se	cs
Appr/ Lane Grp Eastbou L T R Westbou L TR Northbo	Lane Group Capacity and 602 2016 900 and 267 2131 bund 154 337 496	Inte Adj S. Flow R (s) 1770 3478 1552 1770 3676	rsection Perature Rat Rat: ate V/c 0.05 0.69 0.15 0.37 0.26	0.71 0.58 0.58 0.58 0.71 0.58	3.4 12.9 7.6 7.7 8.0	Cyc ry roup LOS A B A A C	Approperty Delay	LOS B	4.7	se	CS
Appr/ Lane Grp Eastbou L T R Westbou L TR Northbo	Lane Group Capacity and 602 2016 900 and 267 2131 bund 154 337 496 bund	Inte Adj S Flow R (s) 1770 3478 1552 1770 3676 854 1863 1583	rsection Per at Rat: ate v/c 0.05 0.69 0.15 0.37 0.26 0.62 0.03 0.38	0.71 0.58 0.58 0.71 0.58	3.4 12.9 7.6 7.7 8.0	Cyc ry Iroup LOS A B A A C C	Approperty	LOS B A	4.7	se	CS
Appr/ Lane Grp Eastbou L T R Westbou L TR Northbo	Lane Group Capacity and 602 2016 900 and 267 2131 bund 154 337 496 bund 275	Inte Adj S Flow R (s) 1770 3478 1552 1770 3676 854 1863 1583	rsection Per at Rat: ate v/c v/c 0.05 0.69 0.15 0.37 0.26 0.62 0.03 0.38 0.72	0.71 0.58 0.58 0.71 0.58 0.71 0.18 0.18	3.4 12.9 7.6 7.7 8.0 34.0 25.2 20.2	Cyc ry_ roup LOS A B A A C C	Approperty	LOS B A	4.7	se	CS
Appr/ Lane Grp Eastbou L T R Westbou L TR Northbo	Lane Group Capacity and 602 2016 900 and 267 2131 bund 154 337 496 bund 275 476	Inte Adj S Flow R (s) 1770 3478 1552 1770 3676 854 1863 1583	rsection Per at Rat: ate v/c 0.05 0.69 0.15 0.37 0.26 0.62 0.03 0.38	0.71 0.58 0.58 0.71 0.58 0.18 0.18 0.31	3.4 12.9 7.6 7.7 8.0 34.0 25.2 20.2	Cyc ry_ Iroup LOS A B A A C C C	Approperty	D D		se	CS

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD6 - WITH NYSDOT IMPROVEMENTS

			STO	NAT.T2	ED T	NTERSE	CTION	SUMMA	ARY				
	l Eas	tbour	***		tbou			thbou		Sol	ıthbo	und	T
	L	Т	R	L	T	R	L	Т	R	, 500 L	Т	R	-
No. Lanes	1 1	2	1	 1	2	0	-¦	1	1	l	1	1	-
LGConfig	L	T	R	L	TR		L	$\overset{\mathtt{T}}{\mathbf{T}}$	R	,	LT		i
Volume		992		189	1102		1226	55		181	123	160	i
Lane Width		12.0		12.0		5,	112.0		12.0	1	12.0		i
RTOR Vol	1 1 2 . 0	12.0	67	12.0	14.0	4	1 1 2 . 0	12.0	23	:]	22.0	19	ì
		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	w www					· · · · · · · · · · · · · · · · · · ·			
Duration	0.25		Area 1			other Operat							
Phase Comb	ination	. 1	2	3	4	_		5	6	7		8	······································
EB Left		A	P			NB	Left	Α	A				
Thru			P			l	Thru	Α	A				
Right			P			Ì	Right	. A	A				
Peds						Ì	Peds		X				
WB Left		A	P			SB	Left		Α				
Thru			P			1	Thru		A				
Right			P			1	Right	_	A				
Peds						1	Peds		X				
NB Right		A				EB	Right	-					
SB Right		A				WB	Right	:					
Green		8.0	34.0					6.0	22.	0			
Yellow		4.0	4.0					4 0	4 ^				
			1.0					4.0	4.0				
All Red		1.0	1.0					1.0	1.0				
All Red		1.0	1.0					1.0 Cyc		ngth:	90.0	se	ecs
		1.0	1.0					1.0 Cyo nary_	1.0 cle Le			s e	ecs
Appr/ La		1.0 Ir Ad	1.0 ntersed j Sat		Perf atios			1.0 Cyc	1.0 cle Le	ngth: proacl		s e	ecs
Appr/ La Lane Gr	oup	1.0 In Adj	1.0 ntersed j Sat w Rate	Ra	atios		Lane	1.0 Cyo mary_ Group	1.0 cle Le	proacl	h	s e	ecs
Appr/ La Lane Gr		1.0 In Adj	1.0 ntersed j Sat		atios		Lane	1.0 Cyo nary_	1.0 cle Le		h	se 	ecs
Appr/ La Lane Gr Grp Ca	oup pacity	I.0 In Adj	1.0 ntersed j Sat w Rate (s)	Ra v/c	atios g	/c	Lane Delay	1.0 Cyonary_ Group	1.0 cle Le	proacl	h	s e	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2	oup pacity 	1.0 In Adj Flow	1.0 ntersed j Sat w Rate (s)	7/c 0.32	atios g 2	/C 	Lane Delay	1.0 Cyonary_ Group / LOS	1.0 cle Le	proacl	h	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1	oup pacity 60 353	1.0 In Add Flow	1.0 ntersed j Sat w Rate (s) 70	0.32	atios g 2 0	.53 .39	Lane Delay 16.0 19.3	1.0 Cyonary_ Group / LOS B	1.0 cle Le	proacl	h	S €	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6	oup pacity 	1.0 In Adj Flow	1.0 ntersed j Sat w Rate (s) 70	7/c 0.32	atios g 2 0	/C 	Lane Delay	1.0 Cyonary_ Group / LOS	1.0 cle Le	proacl	h	s e	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound	oup pacity 60 353 04	1.0 —Ir Adj Flow 177 347 159	1.0 ntersed j Sat w Rate (s) 70 78	0.32 0.83	atios g 2 0 L 0	.53 .39 .39	Lane Delay 16.0 19.3 19.3	1.0 Cyonary_ Group / LOS B B	1.0 cle Le	proacl	h	s e	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2	oup pacity 	1.0 Adj Flow 177 347 155	1.0 ntersed j Sat w Rate (s) 70 78 52	0.32 0.83 0.23	g g g g g g g g g g g g g g g g g g g	.53 .39 .39	Lane Delay 16.0 19.3 19.3 23.3	1.0 Cyonary_ Group / LOS B B B	1.0 cle Le: p Ap: Del: 19.	oroaci	h	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2	oup pacity 60 353 04	1.0 Adj Flow 177 347 155	1.0 ntersed j Sat w Rate (s) 70 78	0.32 0.83 0.23	g g g g g g g g g g g g g g g g g g g	.53 .39 .39	Lane Delay 16.0 19.3 19.3 23.3	1.0 Cyonary_ Group / LOS B B B	1.0 cle Le: p Ap: Del: 19.	oroaci	h	s e	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1	oup pacity 	1.0 Add Flow 177 347 155 177 366	1.0 ntersed j Sat w Rate (s) 70 78 52 70 66	0.32 0.83 0.23 0.72	g g 2 0 4 0 0 4 0	.53 .39 .39 .53	Lane Delay 16.0 19.3 19.3 23.3 31.3	1.0 Cyonary_ Group / LOS B B B C C	1.0 cle Le: p Ap: Del: 19.	oroaci	h	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2	oup pacity 	1.0 In Add Flow 177 347 155 177 366	1.0 ntersed j Sat w Rate (s) 70 78 52 70 66	0.32 0.83 0.23 0.72 0.84	atios g 2 0 1 0 3 0 4 0	.53 .39 .39 .53 .39	16.0 19.3 19.3 23.3 31.3	1.0 Cyonary_ Group / LOS B B C C	1.0 cle Les p App App App App App App App App App	oroach	h S	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2 T 7	oup pacity 60 353 04 72 426	1.0 In Add Flow 177 347 155 177 366 176 186	1.0 ntersed j Sat w Rate (s) 70 78 52 70 66	0.32 0.83 0.23 0.72 0.84	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	Lane Delay 16.0 19.3 19.3 23.3 31.3	1.0 Cyonary_ Group / LOS B B C C	1.0 cle Le: p Ap: Del: 19.	oroach	h S	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2 T 7 R 8	oup pacity 60 353 04 72 426 69 04 27	1.0 In Add Flow 177 347 155 177 366 176 186	1.0 ntersed j Sat w Rate (s) 70 78 52 70 66	0.32 0.83 0.23 0.72 0.84	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	16.0 19.3 19.3 23.3 31.3	1.0 Cyonary_ Group / LOS B B C C	1.0 cle Les p App App App App App App App App App	oroach	h S	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2 T 7	oup pacity 60 353 04 72 426 69 04 27	1.0 In Add Flow 177 347 155 177 366 176 186	1.0 ntersed j Sat w Rate (s) 70 78 52 70 66	0.32 0.83 0.23 0.72 0.84	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	Lane Delay 16.0 19.3 19.3 23.3 31.3	1.0 Cyonary_ Group / LOS B B C C	1.0 cle Les p App App App App App App App App App	oroach	h S	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2 T 7 R 8 Southbound	oup pacity 60 353 04 72 426 69 04 27	1.0 In Add Flow 177 347 155 177 366 176 186	1.0 ntersec j Sat w Rate (s) 70 78 52 70 66 61 63 83	0.32 0.83 0.23 0.72 0.84	g 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.53 .39 .39 .53 .39	Lane Delay 16.0 19.3 19.3 23.3 31.3	1.0 Cyonary_ Group / LOS B B C C	1.0 cle Le: p App Del: 19. 30.	oroach	h S	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2 TR 7 R 8 Southbound L 3	oup pacity 60 353 04 72 426 69 04 27	1.0 In Add Flow 177 347 155 177 366 178 188 158 147	1.0 ntersec j Sat w Rate (s) 70 78 52 70 66 61 63 83	0.32 0.83 0.23 0.72 0.84 0.93 0.09	g	.53 .39 .39 .53 .39	16.0 19.3 19.3 23.3 31.3 66.8 18.0 12.5	1.0 Cyonary_ Group / LOS B B C C	1.0 cle Le: p App Del: 19. 30.	proach	h S	S 6	ecs
Appr/ La Lane Gr Grp Ca Eastbound L 2 T 1 R 6 Westbound L 2 TR 1 Northbound L 2 TR 7 R 8 Southbound LT 3 R 6	oup pacity 60 353 04 72 426 69 04 27	1.0 In Add Flow 17 34 15 17 36 17 18 15 14 15 14 15 16 17 18 18 18 18 18 18 18	1.0 ntersec j Sat w Rate (s) 70 78 52 70 66 61 63 83	0.32 0.83 0.23 0.72 0.84 0.93 0.09 0.09	atios g 2 0 4 0 3 0 3 0 3 0 6 0 6 0	.53 .39 .39 .53 .39	Lane Delay 16.0 19.3 19.3 23.3 31.3 66.8 18.0 12.5	1.0 Cyonary_ Group / LOS B B C C E B B	1.0 cle Les p App App App App App App App App App	proaci	h S	S 6	ecs

Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD6 - WITH NYSDOT IMPROVEMENTS

				STO	SNALTS	ED T	NTERSE	CTION	SUMMA	ARY				
	*	l Eas	 stbour			tbou			thbou		l So	uthbo	and	1
		L	T	R	, L	Т	R	L	Т	R	L	${f T}$	R	İ
No	Lanes	1	2	1	<u>_</u> 		0	-¦ 1	1	<u></u>	i	1	1	_
	onfig	L	T	R	L	TR		L	$\overline{\mathbf{T}}$	R	1	LT	R	1
Volu		74	1148		239	915	48	220	53		1164	126	57	Ì
		12.0			12.0			112.0			i		11.0	ĺ
	R Vol			67			5	i		6	Ì		24	ĺ
Dura	ation	0.25		Area 7										
Dhac	se Combi				S19	naı 4	Operat	lons	5	<u>-</u>	 7			
Pnas EB	se combi: Left	nacioi	A A	2 P	3	42	I I NB	Left	A	A	,		O	
E D	Thru		Α	P			ן נענון	Thru	A	A				
	Right			P			i	Right		A				
	Peds			ı.			1	Peds	X	Х				
WB	Left		A	P			SB	Left	4.3	A				
WID	Thru		4.3	P			1	Thru		A				
	Right			P			Ì	Right	-	A				
	Peds			_			i	Peds	-	X				
NB	Right		A				EB	Right	_	•				
SB	Right		A				WB	Right						
Gree	_		8.0	34.0			•	· · · · J	7.0	21.	0			
Yell			4.0	4.0					4.0	4.0				
A11			1.0	1.0					1.0	1.0				
												000		ecs
									Су	cle Le	ngth:	90.0	S	
			I	nterse	ction	Perf	ormano		nary_	****				
Appr		 e		ntersed j Sat		Perf atios		ce Sumr Lane	nary_	****	ngth: proac			
Appr Lane			Ad		Rá	atios		Lane	mary_ Grou	р Ар	proac	h		
	e Gro		Ad: Flow	j Sat		atios			mary_ Grou	р Ар		h		
Lane Grp	e Gro	up	Ad: Flow	j Sat w Rate	Rá	atios		Lane	mary_ Grou	р Ар	proac	h	S 6	
Lane Grp	e Gro Cap	up acity	Ad: Flow	j Sat w Rate (s)	Rá	atios g		Lane	mary_ Grou	р Ар	proac	h		
Lane Grp East	Gro Cap bound	up acity 	Adg Flow	j Sat w Rate (s) 	Ra v/c	atios g l 0	7 c 	Lane Delay	mary_ Grou	р Ар	proac ay LO	h S	S 6	
Lane Grp East L	Gro Cap bound 26	up acity 0 53	Ad: Flow	j Sat w Rate (s) 70 78	V/c	atios g L 0	7c 	Lane Delay	nary_ Grou y LOS B	p Ap Del	proac ay LO	h S		
Lane Grp East L T	Gro Cap bound 26	up acity 0 53	Ad; Flow 177 347	j Sat w Rate (s) 70 78	0.33 0.93 0.28	g g g g g g g g g g g g g g g g g g g	.53 .39 .39	14.5 34.3 11.8	mary_ Grou y LOS B C	p Ap Del	proac ay LO	h S		
Lane Grp East L T	Gro Cap Cbound 26 13	up acity 0 53 4	Ad; Flow 17' 34' 15!	j Sat w Rate (s) 70 78 52	0.33 0.93 0.28	g g 0 3 0 2 0	.53 .39 .39	14.5 34.3 11.8 86.4	mary_Group Group JOS B C B	p Ap Del 30.	proac ay LO 7 C	h s		100 mm
Lane Grp East L T R West	Gro Cap Cbound 26 13 60 Cbound 26	up acity 0 53 4	Ad; Flow 177 347 159	j Sat w Rate (s) 70 78 52	0.33 0.93 0.28	g g 0 3 0 2 0	.53 .39 .39	14.5 34.3 11.8	mary_Group Group JOS B C B	p Ap Del	proac ay LO 7 C	h s		
Lane Grp East L T R West L TR	Gro Cap Cbound 26 13 60 Cbound 26	up acity 0 53 4	Ad; Flow 17' 34' 15!	j Sat w Rate (s) 70 78 52	0.33 0.93 0.28	g g 0 3 0 2 0	.53 .39 .39	14.5 34.3 11.8 86.4	mary_Group Group JOS B C B	p Ap Del 30.	proac ay LO 7 C	h s		
Lane Grp East L T R West L TR	Gro Cap Ebound 26 13 60 Ebound 26 14	up acity 0 53 4 0 26	Ad; Flow 17' 34' 15!	j Sat w Rate (s) 70 78 52 70	0.33 0.93 0.28	g g g g g g g g g g g g g g g g g g g	.53 .39 .39	14.5 34.3 11.8 86.4	mary_Group JOS BCBB	p Ap Del 30.	proac ay LO 7 C	h s		
East L T R West L TR	Gro Cap Cbound 26 13 60 Cbound 26 14	up acity 0 53 4 0 26	Ad; Flow 17, 34, 15, 17, 36,	j Sat w Rate (s) 70 78 52 70	0.33 0.93 0.23 1.02 0.75	atios g L 0 3 0 3 0 5 0	.53 .39 .39 .53	14.5 34.3 11.8 86.4 27.3	B C B C B	p Ap Del 30.	proac ay LO 7 C	hS		
East L T R West L TR Nort	Gro Cap Cbound 26 13 60 Cbound 26 14 Chbound 28	up acity 0 53 4 0 26	Ad; Flow 17, 34, 15, 17, 36,	j Sat w Rate (s) 70 78 52 70 66	0.33 0.93 0.23 1.02 0.75	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	14.5 34.3 11.8 86.4 27.3	B C B C B	p Ap Del 30.	proac ay LO 7 C	hS		
Lane Grp East L T R West L TR Nort L T	Gro Cap Cbound 26 13 60 Cbound 26 14 Chbound 28 70	up acity 0 53 4 0 26	Ad; Flow 17, 34, 15, 17, 36,	j Sat w Rate (s) 70 78 52 70 66	0.33 0.93 0.28 1.02 0.75	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	14.5 34.3 11.8 86.4 27.3	B C B C B	p Ap Del 30.	proac ay LO 7 C	hS		
Lane Grp East L T R West L TR Nort L T R Sout	Ebound 26 13 60 2bound 26 14 2hbound 82 2hbound	up acity 0 53 4 0 26 6 4	Ad; Flow 17, 34, 15, 17, 36, 17, 18, 15,	j Sat w Rate (s) 70 78 52 70 66 63	0.33 0.93 0.23 1.03 0.73 0.83 0.03	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	14.5 34.3 11.8 86.4 27.3 49.0 18.0	B C B C B	Del 30.	proac ay Lo 7 C	h S		
East L T R West L TR Nort L T R Sout	Gro Cap Cap 26 13 60 cbound 26 14 chbound 28 70 82 chbound	up acity 0 53 4 0 26 6 4 7	Adj Flow 177 347 159 177 366 179 181	j Sat w Rate (s) 70 78 52 70 66 63 83	0.33 0.93 0.23 1.02 0.73 0.83 0.03	g g g g g g g g g g g g g g g g g g g	.53 .39 .39 .53 .39	14.5 34.3 11.8 86.4 27.3 49.0 18.0 13.4	B C B C B	p Ap Del 30.	proac ay Lo 7 C	h S		
Lane Grp East L T R West L TR Nort L T R Sout	Gro Cap Cap 26 13 60 cbound 26 14 chbound 28 70 82 chbound	up acity 0 53 4 0 26 6 4 7	Adj Flow 177 347 159 177 366 179 181 151	j Sat w Rate (s) 70 78 52 70 66 63	0.33 0.93 0.23 1.02 0.73 0.83 0.04	atios g G L 0 3 0 5 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.53 .39 .39 .53 .39	14.5 34.3 11.8 86.4 27.3 49.0 18.0 13.4	mary_Group Group JOS BCB BCBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	Del 30.	proac ay LO 7 C 1 D	h s		

TWO-WAY STOP CONTROL SUMMARY____

Analyst: RGD Agency/Co.: JCE

Date Performed: 2/15/2011 Analysis Time Period: AM PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646AMEX7

East/West Street: ROUTE 202/35

East/West Stre		JTE 202/		***					
North/South St		CROMPO	ND ROA				/ 1 X		
Intersection O	rientation:	: EW		S	tuay	period	(nrs)	: 0.25	•
	Vel	nicle Vo	lumas	and Adju	etmei	nte			
Major Street:	Approach		astbou	_	.S CINCI		tbound		
najor boroco.	Movement	1	2	3	ŧ	4	5	6	
	no vemene	L	T	R	1	L	т	R	
			-	11	*	_	•	1.	
Volume	***************************************	0	 142	2		***************************************	536	1	
Peak-Hour Fact	or, PHF	0.92					0.92	0.92	
Hourly Flow Ra		0	154				582	1	
Percent Heavy		2							
Median Type/St		Undi	vided		,	/			
RT Channelized									
Lanes		0	2				1	0	
Configuration			LT T				Т	'R	
Upstream Signa	1?		No				Yes		
•									
Minor Street:	Approach	N	orthbo	und		Sou	thboun	.d	
	Movement	7	8	9	1	10	11	12	
		L	T	R	i	L	T	R	
					·				
Volume						3		2	
Peak Hour Fact	or, PHF					0.90		0.90	
Hourly Flow Ra						3		2	
Percent Heavy						2		2	
Percent Grade			0				10		
Flared Approact		?/Storag	е		/			No	/
Lanes					•	0		0	,
Configuration							LR		
•									
	***************************************		***************************************				***************************************		
	Delay,	Queue L	ength,	and Lev	rel o	f Servi	ce		
Approach	EB	WB		orthboun				hbound	
Movement	1	4	7	8	9	1	.0	11	12
Lane Config	LT	i				i		LR	
~						·			
v (vph)	0							5	
C(m) (vph)	977							106	
v/c	0.00							0.05	
95% queue leng								0.15	
Control Delay	8.7							40.6	
LOS	А							\mathbf{E}	
Approach Delay								40.6	
Approach LOS								E	
- *									

TWO-WAY STOP CONTROL SUMMARY____

Analyst: RGD Agency/Co.: JCE

Date Performed: 1/17/2011 Analysis Time Period: PM PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646PMEX7

East/West Street: ROUTE 202/35
North/South Street: OLD CROMPOND ROAD

North/South Stre Intersection Ori		CROMPON EW	D ROAD	S	tudv	perio	d (hrs): 0.25	5
incersection off	encacion.	,		D	cuuy	Porro	Q (1110	,. 0.2.	
	Vehi	icle Vol	umes ar	nd Adju	stmer				****
Major Street: A	pproach	Ea	stbound	t t		We	stboun	d	
M	ovement	1	2	3		4	5	6	
		L	T	R	1	L	T	R	
Volume		0	1164				1139	<u></u>	
Peak-Hour Factor	. PHF	0.85	0.85				0.93		
Hourly Flow Rate		0	1369				1224	16	
Percent Heavy Ve		2					-		
Median Type/Stor		Undiv	ided			/			
RT Channelized?	~9°	0,1100.21	_ 0.0 0.		,	•			
Lanes		0	2				1	0	
Configuration		L	тт					TR	
Upstream Signal?			No				Yes		
	pproach		rthbour				uthbou		
М	ovement	7	8	9	l l	10	11	12	
		L	T	R	1	L	${f T}$	R	
Volume						1		<u>_</u>	
Peak Hour Factor	ចម្ច					0.80		0.80	
						1		1	
Hourly Flow Rate						2		2	
Percent Heavy Ve Percent Grade (%			0			د	10	2	
		/a+ ~ ~ ~ ~	-		,		10	No	/
Flared Approach:	EXISES:	scorage			,	0		0	/
Lanes						U	LR	O	
Configuration							ПIX		
	Delay, (f Serv			
Approach	EB	WB		rthboun				thbound	
Movement	1	4	7	8	9		10	11	12
Lane Config	$_{ m LT}$					l		LR	
v (vph)	0				,	***************************************			
C(m) (vph)	223							145	
v/c	0.00							0.01	
95% queue length								0.04	
Control Delay	21.1							30.2	
LOS	21.1 C							D	
Approach Delay	Ç							30.2	
Approach LOS								D D	
Approach nos								1,7	

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD

Agency/Co.: JCE
Date Performed: 1/18/2011

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646SATEX7

East/West Stree North/South Stree Intersection O	reet: OLD	TE 202/35 CROMPONE EW		St	udy	period	l (hrs)	: 0.25	5
	Veh	icle Volu	mes and	Adjus	tme	nts			
Major Street:	Approach	Eas	tbound	-		Wes	tbound		
	Movement	1	2	3		4	5	6	
		L	${f T}$	R		L	T	R	
Volume		1	1324				970	9	
Peak-Hour Facto	or, PHF	0.97	0.97				0.85	0.85	
Hourly Flow Rat	te, HFR	1	1364				1141	10	
Percent Heavy V		2							
Median Type/Sto RT Channelized		Undivi	.ded			/			
Lanes	•	0	2				1	0	
Configuration		LI	T				T	R	
Upstream Signal	1?		No				Yes		
Minor Street:	Approach	Nor	thbound			Soi	thboun	 d	
	Movement	7	8	9	-	10	11	12	
		L	T	R	1	L	${f T}$	R	
Volume						 2			
Peak Hour Facto	or, PHF					0.50		0.50	
Hourly Flow Rat						4		4	
Percent Heavy						2		2	
Percent Grade			0				10		
Flared Approach		/Storage			/			No	/
Lanes		_				0		0	
Configuration							LR		

		Queue Ler				f Servi		1-1	
Approach	EB	WB		hbound		ı 1		hbound	10
Movement	1	4	7	8	9			11 . D	12
Lane Config	$_{ m LT}$	I				ı		LR	
v (vph)	1							8	***************************************
C(m) (vph)	237							154	
v/c	0.00							0.05	
95% queue lengt								0.16	
Control Delay	20.3							29.7	
LOS	C							D	
Approach Delay								29.7	
Approach LOS								D	

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD
Agency/Co.: JCE
Date Performed: 02/15/2011

Analysis Time Period: AM PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB7

East/West Street: ROUTE 202/35

North/South Street Intersection Orien	: OLD C			Stı	ıdy	per	iod	(hrs):	0.25	
	Vehic	le Volu	mes and	Adjust	tmei	nts_				
Major Street: App	roach	Eas	tbound				West	bound		
Mov	ement	1	2	3		4		5	6	
		L	T	R	I	L		Т	R	
Volume		0	1559					618	5	
Peak-Hour Factor,	PHF	0.92	0.92					0.92	0.92	
Hourly Flow Rate,		0	1694					671	5	
Percent Heavy Vehi		2								
Median Type/Storag		Undivi	.ded			/				
RT Channelized?		* *				,				
Lanes		0	2					1 0)	
Configuration		LT	' T					ΤF	}	
Upstream Signal?			No					Yes		
			1. 1. 1				0	h h a a		
	roach		thbound				Sout	hbound		
Mov	ement	7	8	9		10		11	12	
		L	T	R	ı	L		T	R	
Volume						3			2	
Peak Hour Factor,	PHF					0.9	0		0.90	
Hourly Flow Rate,	HFR					3			2	
Percent Heavy Vehi	cles					2			2	
Percent Grade (%)			0					10		
Flared Approach:	Exists?/S	torage			/				No	/
Lanes							0	()	
Configuration								LR		
	Delay, Qu	leue Ler	nath.an	d Leve	l o	 f Se	rvic	 :e		
Approach		WB		hbound					nbound	
Movement	1	4		8	9	1	10		L1	12
Lane Config	LT	, i	•	•					LR	
Bane comming		'								
v (vph)	0							ć	5	
C(m) (vph)	892								75	
v/c	0.00								0.07	
95% queue length	0.00								0.21	
Control Delay	9.0							Ţ	56.4	
LOS	Α								F	
Approach Delay								Ç	56.4	
Approach LOS									F	

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE
Date Performed: 2/11/11

Analysis Time Period: PM PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB7

East/West Street: ROUTE 202/35

North/South Stre Intersection Ori		CROMPOND EW	ROAD	St	udy	perio	od (hrs): 0.25	5
	Vehi	icle Volu	mes and	Adjus	tme:	nts			
Major Street: A	pproach		tbound	-			stboun	d	
-	ovement	1	2	3	1	4	5	6	
		L	T	R		L	${f T}$	R	
			1200		*****		1250	27	
Volume		0	1382				1352 0.93		
Peak-Hour Factor		0.85	0.85						
Hourly Flow Rate		0	1625				1453	29	
Percent Heavy Ve		2				,			
Median Type/Stor RT Channelized?	age	Undivi	ded			/			
Lanes		0	2				1	0	
		LT						TR	
Configuration		1.11					Yes	111	
Upstream Signal?			No				ies		
Minor Street: A	pproach	Nor	thbound			Sc	uthbou		
М	ovement	7	8	9		10	11	12	
		L	T	R	1	L	T	R	
Volume						1		1	
Peak Hour Factor						0.80		0.80	
Hourly Flow Rate						1		1	
Percent Heavy Ve						2		2	
Percent Grade (%			0				10		
Flared Approach:	Exists?,	/Storage			/			No	/
Lanes						0		0	
Configuration							LR		
	······································								
	Delay, (Queue Len				f Serv			energ geren veren vanne veren veren veren belevel helvel Addels
Approach	EB	WB	Nort	hbound			Sou	thbound	
Movement	1	4	7	8	9		10	11	12
Lane Config	LT	1				I		LR	
v (vph)	0				·				
C(m) (vph)	68							2	
V/C	0.00							1.00	
95% queue length	0.00							0.87	
_	57.9							2705	
Control Delay								2703 F	
LOS	F								
Approach Delay								2705	
Approach LOS								F	

_____TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE Date Performed: 2/11/11

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB7

East/West Street: ROUTE 202/35
North/South Street: OLD CROMPOND ROAD

North/South Street: (Intersection Orientation	OLD CROME on: EW	OND RO		Study <u>p</u>	period	(hrs):	0.25	
7	/ehicle V	olumes	and Adi	ustment	ts			
Major Street: Approach		Eastbo	_			bound		
Movement	: 1	2	3	4	4	5	6	
	L	Т	R]	L	T	R	
Volume	1	15	45			1162	20	······································
Peak-Hour Factor, PHF	0.9	0.1	97			0.85	0.85	
Hourly Flow Rate, HFR	1	15	92			1367	23	
Percent Heavy Vehicles	2							
Median Type/Storage RT Channelized?	Unc	livided		/				
Lanes		0 2				1 0		
Configuration		LT T				TR		
Upstream Signal?		No				Yes		
Minor Street: Approach	1	Northb	ound		Sout	hbound		
Movement		8	9		10	11	12	
	\mathbf{L}	${ m T}$	R]	L	T	R	
Volume					2		2	
Peak Hour Factor, PHF				(0.50		0.50	
Hourly Flow Rate, HFR					4		4	
Percent Heavy Vehicles					2		2	
Percent Grade (%)		0				10	_	,
Flared Approach: Exist	ts?/Stora	ıge		/	^		10	/
Lanes					0	0		
Configuration						LR		
Delay	/, Queue	Length	 . and Le	vel of	Servio	:e		
Approach EB	WB		Northbou			South	oound	
Movement 1	4	7	8	9	10) 1:	1	12
Lane Config LT		Ì			1	LI	3	
v (vph) 1		,				8	***************************************	
C(m) (vph) 123	3					7		
v/c 0.0							.14	
95% queue length 0.0							.80	
Control Delay 34.	5						067	
LOS D							F	
Approach Delay							067	
Approach LOS]	F	

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD

Agency/Co.: JCE
Date Performed: 02/15/2011 Analysis Time Period: AM PEAK HOUR

ROUTE 202/35 & OLD CROMPOND RD Intersection:

Jurísdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD7

East/West Street: ROUTE 202/35
North/South Street: OLD CROMPOND ROAD

North/South Stre Intersection Ori		CROMPONI EW	D ROAD	St	tudy	period	d (hrs)	: 0.29	5
	Vehi	cle Volu	umes and	Adius	stme	nts			
Major Street: A	pproach		stbound		o om o		tbound		that shiddle shings sphings deploy should be used being provide records
-	ovement	1	2	3	1	4	5	6	
		L	T	R	İ	L	${f T}$	R	
Volume			1570			······ ····· ····· ····· ····· ·····	623		
Peak-Hour Factor	. PHF	0.92	0.92				0.92	0.92	
Hourly Flow Rate		0	1706				677	5	
Percent Heavy Ve		2							
Median Type/Stor RT Channelized?		Undiv	ided			/			
Lanes		0	2				1	0	
Configuration		L'	гт				T	R	
Upstream Signal?			No				Yes		
									
	pproach		rthbound				ıthboun		
М	ovement	7	8	9	!	10	11	12	
		L	T	R	ı	L	T	R	
Volume						3		2	
Peak Hour Factor						0.90		0.90	
Hourly Flow Rate	, HFR					3		2	
Percent Heavy Ve						2		2	
Percent Grade (%			0				10		
Flared Approach:	Exists?/	Storage			/			No	/
Lanes						0		0	
Configuration							LR		
	Delay, Q	ueue Le:	ngth, ar	nd Leve	 el o	f Serv			
Approach	EΒ	WB	Nort	hboun	d		Sout	hbound	
Movement	1	4	7	8	9		10	11	12
Lane Config	$_{ m LT}$	-						LR	
v (vph)	0							 5	
C(m) (vph)	891							74	
v/c	0.00							0.07	
95% queue length	0.00							0.21	
Control Delay	9.0							57.1	
LOS	А							F	
Approach Delay								57.1	
Approach LOS								F	

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE

Agency/Co.: JCE
Date Performed: 02/04/2011 Analysis Time Period: PM PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD7

East/West Street: ROUTE 202/35

North/South Street: OLD CROMPOND ROAD

incersection of	rientation	: EW				Study	, be	riod	(hrs	;):	0.25	
	Vel	nicle	Volur	nes and	Adj	ustme	nts					
Major Street:	Approach			tbound	2				tboun	ıd		
•	Movement	1		2	3	1	4		5		6	
		L		T	R	1	L		T		R	
Volume		 0		1140					1409	}	27	***************************************
Peak-Hour Facto	or, PHF	0.	85	0.85					0.93	}	0.93	
Hourly Flow Rat	te, HFR	0		1341					1515	·	29	
Percent Heavy V	Vehicles	2										
Median Type/Sto RT Channelized?	orage	Un	divi	ded			/					
Lanes			0	2					1	0		
Configuration			$_{ m LT}$	${f T}$						TR		
Upstream Signal	l?			No					Yes			
Minor Street:	Approach		Nor	thbound				Sou	thbou	ınd		
	Movement	7		8	9	1	10	I	11		12	
		L		T	R	1	L		T		R	
Volume							1				1	
Peak Hour Facto	or, PHF						0.	80			0.80	
Hourly Flow Rat	te, HFR						1				1	
Percent Heavy V	Vehicles						2				2	
Percent Grade	(%)			0					10			
Flared Approach	n: Exists	?/Stor	age			/	′				lo	/
Lanes								0		0		
Configuration									LR			
	Delav,	Oueue	Len	gth, and	 d Le	evel o	of S	ervi	 ce			
Approach	EB	WB		North					Sou	ithk	ound	
Movement	1	4	1 .	7 :	8	9		1 1	0	11		12
Lane Config	LT		I					I		LF	}	
v (vph)	0									2		
C(m) (vph)	196									10)	
v/c	0.00									0.	20	
95% queue lengt	th 0.00									0.	50	
Control Delay	23.4									43	39.6	
LOS	C									E	7	
Approach Delay										43	39.6	
Approach LOS										F		

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE
Date Performed: 02/04/2010

Analysis Time Period: SATURDAY PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD7

East/West Street: ROUTE 202/35

North/South Street: OLD CROMPOND ROAD

Intersection Ori	entation:	EW			S	Study	pe	riod	(hrs)	: 0.25	>
	Vehi	icle '	Volum	mes and	Adju	stme	nts				
Major Street: A	pproach		East	tbound	_			West	tbound		and the second s
	ovement	1		2	3	ı	4		5	6	
		\mathbf{L}		T	R		L		T	R	
- 1				1.620					1056		
Volume		1	0.71	1638					1256	20	
Peak-Hour Factor		0.	9 /	0.97					0.85	0.85	
Hourly Flow Rate		1		1688					1477	23	
Percent Heavy Ve		2					,				
Median Type/Stor RT Channelized?	age	Un	divi	ded			/				
Lanes			0	2					1	0	
Configuration			$_{ m LT}$	${f T}$					T	'R	
Upstream Signal?				No					Yes		
Minor Street: A	pproach		Nor	thbound				Sou	thboun	nd	
	ovement	7		8	9	1	10		11	12	
	o v cancare	L		T	R	i	L		T	R	
				*		1					
Volume							2			2	
Peak Hour Factor							0.	50		0.50	
Hourly Flow Rate	, HFR						4			4	
Percent Heavy Ve	hicles						2			2	
Percent Grade (%)			0					10		
Flared Approach:	Exists?,	/Stor	age			/				No	/
Lanes								0		0	
Configuration									LR		
	Delay, (Dueue	Len	gth, and	d Lev	zel o	f S	ervi	ce		
Approach	EB	WB		Nort						hbound	
Movement	1	4	1		8	9		1	0	11	12
Lane Config	${f LT}$		İ					1		LR	
v (vph)	1									8	
C(m) (vph)	247									7	
v/c	0.00									1.14	
95% queue length	0.01									1.80	
Control Delay	19.6									1067	
LOS	С									F	
Approach Delay										1067	
Approach LOS										F	
- -											

TWO-WAY STOP CONTROL SUMMARY____

Analyst: RGD

Agency/Co.: JCE
Date Performed: 02/15/2011 Analysis Time Period: AM PEAK HOUR

Intersection: ROUTE 202/35 & OLD CROMPOND RD

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD7 - WITH IMPROVEMENTS

East/West Street: ROUTE 202/35

North/South Street: OLD CROMPOND ROAD

Intersection O	rientation: E	W		St	udy	peri	od (hrs): 0.25	•
	Vehic	le Volum	mes and	Adjus	tme:	nts			
Major Street:	Approach	Eas	tbound			W	estboun	d	
-	Movement	1	2	3	-	4	5	6	
		L	Т	R	1	L	T	R	
Volume			1570	······································			623	5	*
Peak-Hour Fact	or, PHF	0.92	0.92				0.92	0.92	
Hourly Flow Ra		0	1706				677	5	
Percent Heavy		2							
Median Type/St		Undivi	ded			/			
RT Channelized									
Lanes		0	2				2	0	
Configuration		$_{ m LT}$	Т				${f T}$	TR	
Upstream Signa	1?		No				Yes		
Minor Street:	Approach	Nor	thbound			S	Southbou		
	Movement	7	8	9		10	11	12	
		L	${ m T}$	R		L	${f T}$	R	
Volume						3		2	
Peak Hour Fact	or DHF					0.90)	0.90	
Hourly Flow Ra						3	,	2	
Percent Heavy						2		2	
Percent Grade			0			د	10	۷	
Flared Approac		torago	O		/		10	No	/
Lanes	u. EXISCS:/D	corage			,	0)	0	,
Configuration						v	LR	V	
Configuracion							210		

	Delay, Qu					f Ser		<u> </u>	
Approach		WB		hbound				thbound	1.0
Movement	1	4	7	8	9	!	10	11	12
Lane Config	LT	ļ				ı		LR	
v (vph)	<u>_</u>							5	
C(m) (vph)	909							73	
v/c	0.00							0.07	
95% queue leng								0.22	
Control Delay	9.0							57.9	
LOS	A							F	
Approach Delay								57.9	
Approach LOS								F	
· -									

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE Date Performed: 2/12/11

Analysis Time Period: PM PEAK HOUR

ROUTE 202/35 & OLD COMPOND Intersection:

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMB7 - WITH IMPROVEMENTS

East/West Street: ROUTE 202/35

North/South Stree Intersection Orie		CROMPONI EW	O ROAD	St	udy	рe	riod	(hrs)	: 0.25	ő
			umes and	Adjus	tme	nts			,	
= = =	proach		stbound	_			Wes	tbound		
Mo	vement	1	2	3	l	4		5	6	
		L	T	R	l	L		T	R	
Volume		0	1440					1409	27	
Peak-Hour Factor,	PHF	0.85	0.85					0.93	0.93	
Hourly Flow Rate,		0	1694					1515	29	
Percent Heavy Veh		2								
Median Type/Stora		Undivi	ided			/				
RT Channelized?	٠									
Lanes		0	2					2	0	
Configuration		\mathbf{L}_{2}	rr					T 3	rR	
Upstream Signal?			No					Yes		
									1	
	proach		rthbound			7.0		thbour		
Mo	vement	7	8	9		10		11	12	
		L	T	R	ı	L		T	R	
Volume						$-\frac{1}{1}$			1	
Peak Hour Factor,	DHF						80		0.80	
Hourly Flow Rate,						1	00		1	
Percent Heavy Veh						2			2	
Percent Grade (%)			0			fant.		10	_	
Flared Approach:		Storage	O		/			10	No	/
Lanes	EXISCS:/	ocorage			,		0		0	,
Configuration							O	LR	v	
Configuracion								22.1		
			ngth, an			f S	ervi		- h h a 1	
Approach	EB	WB		hbound			, 1		thbound	10
Movement	1	4	7	8	9		T	0	11	12
Lane Config	$_{ m LT}$	l					1		LR	
v (vph)	0			·					2	
C(m) (vph)	742								27	
A\C	0.00								0.07	
95% queue length	0.00								0.22	
Control Delay	9.9								148.7	
LOS	A								F	
Approach Delay									148.7	
Approach LOS									F	
~ *										

TWO-WAY STOP CONTROL SUMMARY_____

Analyst: RGD Agency/Co.: JCE
Date Performed: 2/13/11 Agency/Co.: JCE

Analysis Time Period: SATURDAY PEAK HOUR

ROUTE 202/35 & OLD CROMPOND RD Intersection:

Jurisdiction:

Units: U. S. Customary

Analysis Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD7 - WITH IMPROVEMENTS

East/West Street: ROUTE 202/35
North/South Street: OLD CROMPOND ROAD

North/South Street: OLD Intersection Orientation:	EW EW	ROAD	St	udy	period	(hrs):	0.25	
Veh	icle Volu	mes and	Adjus	tme	nts			
Major Street: Approach	Eas	tbound			West	tbound		
Movement	1	2	3	1	4	5	6	
	${f L}$	${f T}$	R	ı	L	T	R	
Volume	1	1638				1256	20	
Peak-Hour Factor, PHF	0.97	0.97				0.85	0.85	
Hourly Flow Rate, HFR	1	1688				1477	23	
Percent Heavy Vehicles	2							
Median Type/Storage RT Channelized?	Undivi	ded			/			
Lanes	0	2				2 0		
Configuration	LI	Т				T TR		
Upstream Signal?		No				Yes		
Minor Street: Approach	Nor	thbound			Sou	thbound		
Movement	7	8	9		10	11	12	
	L	T	R	1	L	T	R	
Volume					2		2	***************************************
Peak Hour Factor, PHF					0.50		0.50	
Hourly Flow Rate, HFR					4		4	
Percent Heavy Vehicles		•			2	4.0	2	
Percent Grade (%)		0		,		10		,
Flared Approach: Exists?	'/Storage			/	0		No	/
Lanes					0	0		
Configuration						LR 		
Delay.	Queue Ler	igth, an	d Leve	1 0	f Servi	ce		
Approach EB	WB		hbound			South	bound	
Movement 1	4	7	8	9	1	0 1	1	12
Lane Config LT					1	L	R	
v (vph) 1						8	Trave rose with every limit some	
C(m) (vph) 706						2	9	
v/c 0.00						0	.28	
95% queue length 0.00						0	.86	
Control Delay 10.1						1	71.0	
LOS B							F	
Approach Delay							71.0	
Approach LOS							F	

Inter.: ROUTE 202/35 & MOHANSIC AVENUE Analyst: RGD

Area Type: All other areas Agency: JCE

Date: 2/15/2011 Period: AM PEAK HOUR

Project ID: 1646AMEX8 E/W St: ROUTE 202/35

Year : 2010 EXISTING TRAFFIC VOLUMES

N/S St: MOHANSIC AVENUE

			S T /	≏NIZIT!	אר היים <i>ד</i> אל	TPDCF	CTION S	ZIIMM Z	ΣΥ				
		tbour			stboun			chbour			uthk	ound	
	•			Wes	T	R	L	T	R	L	Т	P. R	
	L	T	R	<u>1</u>	1	K) Ti	ì	L	יד	1.	7	1
No. Lanes		2	0	! ! 1	1	0	¦	0	0	0) (0)
LGConfig	i	TR		L	${f T}$		i	LR	Ì				1
Volume	i	1418	7	44	522		15		35				i
Lane Width	•	12.0		12.0				L2.0					i
RTOR Vol	l İ	12.0	0	1	12.0		1)				i
MION VOI	ļ		Ů	1			'	·					,
Duration	0.25	· ····· ···· ···· ···· ···· ···	Area '										
					gnal C	_	ions						
Phase Comb	ination	1.	2	3	4	•		5	6	7	/	8	
EB Left						NB	Left	Α					
Thru			P			1	Thru						
Right			P			1	Right	Α					
Peds							Peds						
WB Left		A	P			SB	Left						
Thru		A	P			1	Thru						
Right							Right						
Peds							Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		15.0	35.0					25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
11111 1100									le Lei	ngth:	90	. 0	secs
		Ir	nterse	ction	Perfo	rmanc	e Summa	_		_			
Appr/ La	 ne		j Sat		atios		Lane (ıqA	proac	- <u></u>		
	oup	_	w Rate							•			
	pacity		(s)	v/c	g/	C	Delay	LOS	Dela	ay LO	OS		
	1		1 - /	•	٦.		-4			•			
Eastbound													
TR 1:	335	33.	37	1.1	6 0	40	107.8	म	107	.8 B	<u> </u>		
*** **	~ ~ ~ ~ ~ ~ ~ ~ ~ ~	55.	<i>,</i>		· ·						-		
Westbound													
	98	17		0.1		62	14.1	В					
T 1	137	182	27	0.5	0 0.	62	9.6	A	10.	0 – I	P		
Northbound													
LR 4	71	160	96	0.1	2 0	28	24.4	С	24.	4 (Ĵ		
		ΙΟ.	<i>-</i> 0	0.1	ω ∪ •		e- 1 1 T	~		- `	~		
Southbound													

Intersection Delay = 78.6 (sec/veh) Intersection LOS = E

Analyst: RGD Inter.: ROUTE 202/35 & MOHANSIC AVENUE

Agency: JCE Area Type: All other areas

Date: 1/17/2011

Period: PM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646PMEX8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE

			SIC	GNALIZ	ZED IN	TERSE	CTION S	SUMMAI	RY				
	l East	bound			stboun			thbour		Sou	thbou	ind	1
	•	T F	}	L	Т	R	į L	T	R	L	T	R	į
No. Lanes	 	2 0)	 1				0	 0		0	0	
LGConfig	i	TR		L	\mathbf{T}			LR	1				j
Volume	i 1	142 23	}	156	1125		29	Ç	92				}
Lane Width	•	2.0		12.0	12.0		[:	12.0	1				
RTOR Vol	1	1		l			1	()				1
Duration	0.25	Aı	ea :		All o								
Phase Combi	nation		2	Siq	gnal O 4		ions		6	- 7	. 	······································	
EB Left	LIIACIOII	т.	2	5	7	NB	Left	Ä	Ü	,	· ·		
Thru			P			1	Thru	**					
Right			P			1	Right	A					
Peds						1	Peds						
WB Left		A	P			SB	Left						
Thru		P	p			j	Thru						
Right							Right						
Peds						1	Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green			35.0					25.0					
Yellow	4		1.0					4.0					
All Red	1	0 1	1.0					1.0	_				
								_	le Ler	igth:	90.0		secs
						rmanc	e Summ						
Appr/ Lar		Adj S		R	atios		Lane	Group	App	roach	1		
Lane Gro	-	Flow F		7-		<u></u>	Dolou	T 00	Dolo	y LOS	·		
Grp Cap	oacity	(s)		v/c	g/	C	Delay	БОВ	nero	ту пос)		
Eastbound													
TR 13	332	3331		0.9	5 0.	40	41.4	D	41.4	l D			
Westbound													
	98	1770		0.4		62	16.0	В					
т 11	137	1827		1.0	8 0.	62	41.2	D	38.1	L D			
Northbound													
LR 46	68	1685		0.2	90.	28	25.8	С	25.8	3 C			
Southbound													

Intersection Delay = 39.0 (sec/veh) Intersection LOS = D

Analyst: RGD Inter.: ROUTE 202/35 & MOHANSIC AVENUE

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646SATEX8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVNEUE

			SI	GNALI	ZED IN	ITERSE	CTION :	SUMMAE	RY				
	l Eas	stbour			stbour			thbour		Sou	thbou	nd	
	L	T	R	L 	Т	R	L	T	R	L	T	R	1
No. Lanes	i 0	2	0	i		0	i 0	0	- 0 i-		0		I
LGConfig	İ	TR		L	\mathbf{T}		ì	LR	į				İ
Volume	ì	1302	24	1112	950		129	-	79 j				i
Lane Widt	h	12.0		112.0	12.0			12.0	Ī				I
RTOR Vol			1	I			1	()				1
Duration	0.25		Area '										
Phase Com	hinstion			3	gnal C 4	perat '	lons	-	<u>-</u>	7 -	<u>_</u>		
EB Left	IDIHACIOI	1 1	۷	3	4	I I NB	Left	A	U	,	0		
Thru			P			1 1475	Thru	77					
Right			P			i	Right	A					
Peds	•		4			1	Peds	4.5					
WB Left		A	P			SB	Left						
Thru		A	P			1 00	Thru						
Right		1.7	L			ŀ	Right						
Peds	•					ŀ	Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		15.0	35.0			,	1129110	25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
									le Len	gth:	90.0	sed	cs
	المحاولة الم						e Summ						
	ane roup	_	Sat Rate		atios		Lane	Group	App	roach			
	apacity	(v/c	g/	√C	Delay	LOS	Dela	y LOS			
Eastbound													
TR	1333	333	32	1.0	8 0.	40	76.4	E	76.4	E			
Westbound													
	398	177		0.3		62	16.6	В	1 6 5	ъ.			
T	1137	182	2.7	0.9	20.	. 62	16.5	В	16.5	В			
Northboun	d												
	d 469	168	39	0.2	60.	. 28	25.6	С	25.6	С			

Intersection Delay = 48.5 (sec/veh) Intersection LOS = D

Analyst: RGD Inter.: ROUTE 202/35 & MOHANSIC AVENUE

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE

		SIGNALIZEI) INTERSE	CTION SUMM	ARY		
	Eastbound	Westk		Northbo		Southbo	ound I
	L T R	L T		L T	R I	L T	R I
		1		1	~``		1
No. Lanes	0 2 0	¦	1 0	i 0 0	i-	0 0	i
LGConfig	TR	L	T	LR			i
Volume	1553 9	,) 6	117	37 i		i
Lane Width	12.0	12.0 12		12.0			İ
RTOR Vol] 0	,		*	0 1		İ
	***			<u> </u>			
Duration	0.25 Are	ea Type: Al					
Phase Combi	nation 1 2		al Operat 4 I	10ns5	6	 7	8
EB Left	.nacion i z	. 3	4 I I NB	Left A	Ö	,	O
Thru	E)	I D	Thru			
Right	I.		l l	Right A			
Peds	r			Peds			
WB Left	A E	2	SB	Left			
Thru	P I		1 20	Thru			
Right	r r		l	Right			
Peds			l l	Peds			
NB Right			l EB	Right			
SB Right			WB	Right			
Green	15.0 35	5.0	1 445	25.	n		
Yellow	4.0 4.			4.0			
All Red	1.0 1.			1.0			
111111111111111111111111111111111111111						gth: 90.0	o secs
	Inter	section Pe	erformanc	e Summary	-		
Appr/ Lar				Lane Grou		roach	
Lane Gro	-						
Grp Cap	acity (s)	<u>v/c</u>	g/C	Delay LOS	Delay	y LOS	
			······································				
Eastbound							
TR 13	3337	1.27	0.40	155.4 F	155.4	4 F	
Westbound				444			
L 39		0.13	0.62	14.1 B	10.0		
Т 11	.37 1827	0.58	0.62	11.8 B	12.0	В	
Northbound							
LR 47	2 1698	0.13	0.28	24.5 C	24.5	С	
		0.10	0.20		21.0	~	
7.4							

Intersection Delay = 110.9 (sec/veh) Intersection LOS = F

Analyst: RGD Inter.: ROUTE 202/35 & MOHANSIC AVENUE

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE

_,		C T	CNINTTOES) INTERSE	CTTON S	TIMMAD	,			
	Eastbo		West			hbound		South	nound	
	L T	R	•	? R	•	T F	•		R	į
No. Lanes LGConfig	0 2	0 R	1 1 L	1 0 T	·¦0	0 C)	0 (0 0	'
Volume	•	6 27	•	345	34	98	` }			•
Lane Width	1 12.		112.0 12			.2.0	, , 			ĺ
RTOR Vol		1				0	i			ĺ
Duration	0.25	Area		ll other						
Phase Combi	ination 1	2	3 	al Operat 4 I	.10115	5	- 	- 7	<u>-</u> 8	
EB Left	inacion i	۲.	5	l NB	Left	Ā	•	ŕ	Ü	
Thru		P			Thru	••				
Right		P			Right	A				
Peds		_		i	Peds					
WB Left	A	Р		i SB	Left					
Thru	P	P		i	Thru					
Right	_			i	Right					
Peds				İ	Peds					
NB Right				EB	Right					
SB Right				WB	Right					
Green	15.	0 35.0			_	25.0				
Yellow	4.0	4.0				4.0				
All Red	1.0	1.0				1.0				
		Thtorac	ation D	erformanc	o Summa	-	e Lengt	ch: 90	. 0	secs
Appr/ Lar		dj Sat	Rat:		Lane G		Appro	nach		
		ow Rate		105	mane c	roup	11001	J. G. O. I.		
	_	(s)	v/c	g/C	Delay	LOS	Delay	LOS		
Eastbound		***************************************							*****	*** ***** ***** *****
TR 13	332 3	331	1.13	0.40	94.6	F	94.6	F		
Westbound										
		770		0.62						
T 1.	137 1	827	1.29	0.62	141.0	F	127.5	F		
Northbound										
LR 46	69 1	.688	0.31	0.28	26.1	С	26.1	С		
Southbound										

Intersection Delay = 108.0 (sec/veh) Intersection LOS = F

Analyst: RGD Inter.: ROUTE 202/35 & MOHANSIC AVENUE

Jurisd:

Agency: JCE Area Type: All other areas

Date: 2/11/11

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE

			SIC	GNALIZ	ZED IN	ITERSE	CTION	SUMMA	RΥ				
***************************************	Eas	tbound	1	Wes	stbour	ıd	Nor	thbou	ınd	l Sc	uthbo	ound	
	L	Т	R	L 	Т	R	L	T	R	L	Т	R	
No. Lanes	i	2	0	$\frac{1}{1}$	1	0	1 0	0	0	i	0	0	'
LGConfig	1	TR		L	Т		1	LR		İ			ĺ
Volume	1	1519 2	28	119	1149		34		84	1			ĺ
Lane Widt	h	12.0		12.0	12.0		Ì	12.0					1
RTOR Vol	1	1	L	****			1		0	1			1
Duration	0.25		Area :				areas						
Phase Com	hination		 2	3	gnal (4	perat	ions	<u>_</u>	6			8	
EB Left	DIMECTO	1 1	۷.,	5	-1	I NB	Left	A	Ü	,		Ü	
Thru			P			1	Thru	**					
Right			P			i	Right	A					
Peds			_			i	Peds	*1					
WB Left		A	P			l SB	Left						
Thru		P	P			1 55	Thru						
Right		1 .	1.			1	Right						
Peds						l I	Peds						
NB Right						EB	Right						
SB Right						WB	_						
Green		15.0	35.0			, ,,,,	1149110	25.0)				
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
1144									cle Le	ngth:	90.	0	secs
							e Summ						
	ane	Adj			atios		Lane	Group	р Ар	proac	ch		
	roup	Flow					****						
Grp C	apacity	(s	3)	v/c	g,	C'C	Delay	LOS	Del	ay LO	S		
Eastbound							arting and a second process which were						
TR	1333	3332	2	1.20	50.	. 40	150.4	F	150	.4 I	r		
Westbound													
	398	1770		0.33		. 62	17.0	В					
T	1137	1827	7	1.13	l 0.	. 62	63.5	E	59.	1 F	<u>.</u>		
Northboun	d												
LR	470	1693	3	0.28	3 0.	. 28	25.8	С	25.	8 (3		
Southboun													

Intersection Delay = 105.6 (sec/veh) Intersection LOS = F

Analyst: RGD Inter.: ROUTE 202/35 & COSTCO ACCESS

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE/COSTCO

E/W St: ROUTE 202/35			N/S	St: MO	HANSIC A	VENUE/C	OSTCO	
Eastbo		LIZED II Westbou			UMMARY hbound	I Son	thbound	
Lastbo	R L		R		T R	L	T R	i
No Tonos I 1 2			 		1 0	_		
No. Lanes 1 2 LGConfig L T	0 R L	1 1 T	1 R	U	LTR	L	TR	1
-	4 9 47	594		17 0		18	0 7	į
Lane Width 12.0 12.		.0 12.0		1	2.0	112.0		1
RTOR Vol	0		6		0		0	l
Duration 0.25	Area Type							
Phase Combination 1		Signal (3 4	Operati 	.ons	5 6		<u>8</u>	
EB Left	P .	J 4	, NB	Left	A	,	O	
Thru	P		i	Thru	A			
Right	P		1	Right	A			
Peds			1	Peds				
WB Left A	P		SB	Left	A			
Thru A Right A	P P		1	Thru Right	A A			
Peds	£		1	Peds	А			
NB Right			EB	Right				
SB Right			WB	Right				
Green 15.					25.0			
Yellow 4.0					4.0			
All Red 1.0	1.0				1.0	anath.	00 0	
	Intersection	on Perf	ormance	Summa	Cycle L	engen:	90.0	secs
	dj Sat	Ratios		Lane G		pproach	1	
~ ~	ow Rate							
Grp Capacity	(s) v	/c g	/c	Delay	LOS De	lay LOS	3	
Eastbound								
			.40	16.9	В			
TR 1335 3	337 1	.26 0	.40	152.1	F 15	0.8 F		
Westbound								
			.62	14.1	В	_		
			.62	10.5		.7 B		
R 985 1 Northbound	583 0	.04 0	.62	9.5	A			
Northbound								
LTR 467 1	618 0	.12 0	.29	23.7	C 23	.7 C		
Southbound								
		0 = 0	0.0	~ ~ ~	~			
L 390 1	351 0		.29	23.2	С			
			.29	23.2		.1 C		

Analyst: RGD Inter.: ROUTE 202/35 & COSTCO ACCESS

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Juriso

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD8

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE/COSTCO ACCESS

E/W St:	ROUTE 202	2/35		N/S	st: MOHANS	IC AVENU	JE/COSTCO ACCE	SS
		SI	GNALIZED	INTERSE	CTION SUMMA	RY		
	Eas	stbound	Westb	ound	Northbou	nd	Southbound	I
	L	T R	L T	' R	L T	R I	L T R	1
No. Lane	es <u></u>	2 0	\	1 1	0 1	¦	1 1 0	
LGConfig	•	TR	L	T R	LTR	•		İ
Volume	182	1332 2		89 236	•	98 20		Ì
Lane Wic	-		12.0 12		12.0	,	2.0 12.0	1
RTOR Vol		2	1	28	•	0 j	92	
Duration	n 0.25	Area	Type: Al	l other	areas			
Daracion				ıl Operat	ions			
Phase Co	ombinatior	n 1 2	3	4	5	6	7 8	
EB Left	t	A P		NB	Left A			
Thru	ı	P			Thru A			
Righ	ht	P			Right A			
Peds				1	Peds X			
WB Left		A P		SB	Left A			
Thru		P		1	Thru A			
Righ		P		1	Right A			
Peds				1	Peds X			
NB Righ				EB	Right			
SB Righ	ht			WB	Right			
Green		15.0 35.0			25.0			
Yellow		4.0 4.0			4.0			
All Red		1.0 1.0			1.0			
		Tntorgo	ation Do	rformano	Cyc e Summary:	le Leng	th: 90.0 se	CS
Appr/	Lane			:::OIMAIIC .OS	Lane Group	Appr	nach	
Lane	Group	Flow Rate		.03	nane oroup	11661	34611	
Grp	Capacity	(s)	v/c	g/C	Delay LOS	Delay	LOS	
Grb	capacity	(3)	V/ C	97 C 	belay lob			
Eastbour		1.500		0 60	1.4.77			
L	382	1699	0.23	0.62	14.7 B	740	m	
TR	1336	3339	1.08	0.40	77.7 E	74.0	E	
Westbour	nd							
\mathbf{L}	398	1770	0.45	0.62	14.5 B			
\mathbf{T}	731	1827	1.92	0.40	439.0 F	344.1	F	
R	633	1583	0.36	0.40	17.0 B			
Northbou	und							
LTR	460	1592	0.32	0.29	25.5 C	25.5	С	
Southbou	und							
L	337	1166	0.66	0.29	32.8 C			
TR	464	1605	0.06	0.29	23.2 C	31.8	С	

Intersection Delay = 199.9 (sec/veh) Intersection LOS = F

Analyst: RGD Inter.: ROUTE 202/35 & COSTCO ACCESS

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD8

E/W St: ROUTE 202/35 N/S St: COSTCO ACCESS/MOHANSIC AVENUE

		SI	GNALIZED	INTERSE	CTION SUMM	ARY			
	Eas	stbound	Westb		Northbo		Sou	thbound	
	l L	T R	L T	R	L T	R	L	T R	
No. Lane	s 1	2 0	1	1 1	$\frac{1}{0}$ $\frac{1}{1}$	0	1	1 0	<u>'</u>
LGConfig	•	TR		T R	LT		L	TR	İ
Volume	1132			59 381	34 4	84	-	4 183	3 İ
Lane Wid	•		12.0 12		12.0		12.0		
RTOR Vol		2		63	1	78	İ	14:	2
			' 				·		- ,
Duration	0.25	Area		<pre>l other l Operat</pre>					
Phase Co	mbination	n 1 2	3	4	5	6	7	8	
EB Left		A P		NB	Left A				
Thru		P		1	Thru A				
Righ	t	P		1	Right A				
Peds				1	Peds X				
WB Left		A P		SB	Left A				
Thru		P		1	Thru A				
Righ	t	P		1	Right A				
Peds				1	Peds X				
NB Righ	t			EB	Right				
SB Righ				WB	Right				
Green		15.0 35.0			25.	0			
Yellow		4.0 4.0			4.0				
All Red					1.0				
All Red		1.0 1.0			1.0		ength:	90.0	secs
All Red		1.0 1.0	ction Pe	rformanc	1.0		ength:	90.0	secs
	 Lane	1.0 1.0	ction Pe Rati		1.0 Cy	cle Le			secs
Appr/	 Lane Group	1.0 1.0 Interse	Rati		1.0 Cy e Summary_	cle Le			secs
Appr/ Lane		1.0 1.0Interse Adj Sat	Rati		1.0 Cy e Summary_	cle Le p Ap			secs
Appr/ Lane	Group Capacity 	1.0 1.0Interse Adj Sat Flow Rate	Rati	os	1.0 Cy e Summary Lane Grou	cle Le p Ap	proach		secs
Appr/ Lane Grp	Group Capacity d	Interse Adj Sat Flow Rate (s)	Rati	os	1.0 Cy e Summary Lane Grou	cle Le p Ap	proach		secs
Appr/ Lane Grp Eastboun	Group Capacity d 382	Interse Adj Sat Flow Rate (s)	Rati v/c 0.37	0.62	1.0 Cy e Summary Lane Grou Delay LOS	cle Le p Ap - Del	proach		secs
Appr/ Lane Grp Eastboun L	Group Capacity d 382 1333	Interse Adj Sat Flow Rate (s)	Rati v/c	os g/C	1.0 Cy e Summary Lane Grou Delay LOS	cle Le p Ap - Del	pproach		secs
Appr/ Lane Grp Eastboun L TR	Group Capacity d 382 1333	Interse Adj Sat Flow Rate (s) 1699 3332	Rati v/c 0.37 1.23	0.62 0.40	1.0 Cy e Summary Lane Grou Delay LOS	cle Le p Ap - Del	pproach		secs
Appr/ Lane Grp Eastboun L TR Westboun	Group Capacity d 382 1333 d 398	1.0 1.0 Interse Adj Sat Flow Rate (s) 1699 3332	Rati v/c 0.37 1.23	0.62 0.62	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F	cle Le	pproach ay LOS		secs
Appr/ Lane Grp Eastboun L TR	Group Capacity d 382 1333 d 398 731	1.0 1.0	Rati v/c 0.37 1.23 0.32 1.57	0.62 0.62 0.40	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F 14.7 B 283.3 F	cle Le	pproach		secs
Appr/ Lane Grp Eastboun L TR Westboun L T	Group Capacity d 382 1333 d 398 731 633	1.0 1.0 Interse Adj Sat Flow Rate (s) 1699 3332	Rati v/c 0.37 1.23	0.62 0.62	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F	cle Le	pproach ay LOS		secs
Appr/ Lane Grp Eastboun L TR Westboun L T	Group Capacity d 382 1333 d 398 731 633	1.0 1.0	Rati v/c 0.37 1.23 0.32 1.57	0.62 0.62 0.40	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F 14.7 B 283.3 F	cle Le	pproach ay LOS		secs
Appr/ Lane Grp Eastboun L TR Westboun L T	Group Capacity d 382 1333 d 398 731 633	1.0 1.0	Rati v/c 0.37 1.23 0.32 1.57	0.62 0.62 0.40	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F 14.7 B 283.3 F	cle Le	oproach ay LOS		secs
Appr/ Lane Grp Eastboun L TR Westboun L T R Northbou	Group Capacity d 382 1333 d 398 731 633 nd	1.0 1.0 Interse Adj Sat Flow Rate (s) 1699 3332 1770 1827 1583	0.37 1.23 0.32 1.57 0.55	0.62 0.40 0.40 0.40	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F 14.7 B 283.3 F 18.9 B	p Ap Del	oproach ay LOS		secs
Appr/ Lane Grp Eastboun L TR Westboun L T R Northbou	Group Capacity d 382 1333 d 398 731 633 nd	1.0 1.0 Interse Adj Sat Flow Rate (s) 1699 3332 1770 1827 1583	0.37 1.23 0.32 1.57 0.55	0.62 0.40 0.40 0.40	1.0 Cy e Summary Lane Grou Delay LOS 15.5 B 136.4 F 14.7 B 283.3 F 18.9 B	p Ap Del	oproach ay LOS		secs
Appr/ Lane Grp Eastboun L TR Westboun L T R Northbou LTR Southbou	Group Capacity d 382 1333 d 398 731 633 nd 436	1.0 1.0 Interse Adj Sat Flow Rate (s) 1699 3332 1770 1827 1583	0.37 1.23 0.32 1.57 0.55	0.62 0.40 0.62 0.40 0.40	1.0 Cy e Summary_ Lane Grou Delay LOS 15.5 B 136.4 F 14.7 B 283.3 F 18.9 B	p Ap Del	oproach ay Los 5.7 F		secs

Analyst: RGD Inter.: ROUTE 202/35 & COSTCO ACCESS

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD8 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE/COSTCO

No. Lanes LGConfig Volume Lane Width	Eastbou	nd R	Westb L T		•	thboun	d l	Sou	thboun	ıd
LGConfig Volume	İ	R	I L T						_	
LGConfig Volume	1 1 2		1	R	L	T	R	L	T	R
LGConfig Volume	1 1 4	0	1	2 0	1 0	$\frac{1}{1}$		1	1	0
Volume	L TR		•	TR		$_{ m LT}$	R	L	LTR	1
Lane Width	116 1544		47 59	4 44	117	0 3	7 :	L 8	0 7	1
	12.0 12.0		112.0 12	.0	1	12.0 1	2.0 [3	12.0	12.0	1
RTOR Vol	1	0		2	1	0			C)
Duration	0.25	Area		l other						
Phase Combi			Signa 3	1 Operat	ions	 5	6	<u>-</u> -	8	
EB Left	.nacion i	2 P	J	I NB	Left	5	A	,	Ů	
Thru		P		1	Thru		A			
Right		P		,	Right		A			
Peds		-			Peds					
WB Left	A	Р		SB	Left	А				
Thru	A	Р		Ì	Thru	A				
Right	A	P		1	Right	A				
Peds				1	Peds					
NB Right				EB	Right					
SB Right				WB	Right					
Green	5.0	45.0				10.0	10.0			
Yellow	4.0	4.0				4.0	4.0			
All Red	1.0	1.0				1.0	1.0		000	
	т.		atian Da	~ f ~ ~ ~ ~ ~ ~ ~	o Cumm		e Len	gth:	90.0	secs
Appr/ Lar		nterse j Sat	ction Pe Rati	rformand		ary Group	Ann	 roacl		
Appr/ Lar Lane Gro		y Rate		.03	Lanc	oroap	npp	Louci	•	
	4	(s)		g/C	Delav	LOS	Dela	v Ios	3	
Orb car	ACTCY	(5)	V / C	970	DOLAJ					
Eastbound										
	66 69		0.05	0.51	11.3	В		_		
TR 17	'06 33	37	0.99	0.51	41.2	D	40.9	D		
Westbound										
L 20	17	70	0.25	0.62	18.7	В				
TR 21	.45 34	48	0.32	0.62	1.1	A	2.4	A		
Northbound										
LT 22	1 18	10	0.08	0.12	35.2	D	35.8	D		
R 19		15	0.20	0.12	36.1	D	~	_		
Southbound	.,		J.20	U 4 III		-				
L 21	.6 17	70	0.09	0.12	35.3	D				
		83	0.04	0.12	34.9	C	35.2	D		
		Dalas	= 29.4	(sec/ve	1 \	nterse	, ,		~	

Analyst: RGD Inter.: ROUTE 202/35 & COSTCO Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD8 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: MOHANSIC AVENUE/COSTCO

	22 202,00		21,7 2			,	
		IGNALIZED Westb			SUMMARY chbound	l South	bound
	Eastbound L T R	Westo		•	T R	L T	
No. Lanes LGConfig Volume Lane Width RTOR Vol	1 2 0 L TR 132 1480 28 12.0 12.0 1	i L	2 0 TR 59 381 .0	1 L 34 4 16.0 1		1 L 221 10 12.0 12	
Duration	0.25 Area	Type: Al	l other l Operat				
Phase Combi EB Left Thru Right Peds WB Left Thru Right Peds NB Right SB Right Green Yellow All Red	A P P P P P P P P P P P P P P P P P P P	0	4 NB NB SB EB WB	Left Thru Right Peds Left Thru Right Peds Right Right	5 6 A A A A X A A A X 15.0 8. 4.0 4. 1.0 1. Cycle L	0	8 0.0 secs
Appr/ Lan- Lane Gro	e Adj Sat		rformanc os		-		
Grp Cap	acity (s)	v/c	g/C	Delay	LOS De	lay LOS	
Eastbound L 25 TR 15		0.57 1.06	0.59	20.1 51.9	C D 49	.4 D	
Westbound L 26 TR 15		0.50 0.99	0.59 0.46		B C 30	.5 C	
Northbound L 49 TR 14	8 2046			23.6	С	.2 C	
Southbound L 29 TR 29						.7 D	
In	tersection Dela	y = 40.7	(sec/ve	eh) Ir	ntersecti	on LOS =	D

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMEX9

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY SB RAMPS

		· •	SIGNALIZED) INTERSE	CTION S	SUMMAF	RΥ			
	l Ea:	stbound	Westb			thbour		Sou	thbour	ıd
	L	T R	l L T		L	Т	R	L	T	R
No. Lane LGConfig Volume Lane Wic RTOR Vol	g 	1 1 T R 753 700 12.0 12.0	0 DefL 315 52 12.0 11		0	0		1 L 90 12.0	1	1 R R R R R R R R R
Duration	n 0.25	Area	Type: Al Signa	l other l Operat						
Phase Co EB Left Thru Righ Peds WB Left Thru Righ Peds NB Righ SB Righ Green Yellow All Red	a nt s t a nt s	P P P A P A P A P A A P A A A A A A A A	3	4 NB NB SB EB WB	Left Thru Right Peds Left Thru Right Peds Right Right	A 25.0 4.0 1.0 Cycl	6 Le Len	7	90.0	secs
Appr/ Lane	Lane	Adj Sat	: Rati		Lane		App	roach		
	Group Capacity	Flow Rat (s)		g/C	Delay	LOS	Dela	y LOS		
Eastbour	nd					emerem payanda buyungi dinduyah dindukal indi				
T R Westbour	705 1125 nd	1763 1558	1.16 0.68	0.40 0.72	94.2 8.2	F A	52.7	7 D		
		1805 1766	0.84 0.52				13.1	В		
Northbou	ınd									
Southbou L		1769	0.20	0.29	24.2	С	24.2	2 C		
R		1583 ction Dela							= D	

Agency: JCE Area Type: All other areas

Date: 1/17/2011 Jurisd: 2009 EXISTING TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMEX9

E/W St: ROUTE 202/35 N/S St: TACONIC PKWY SB ON/OFF RAMP

			SIG	NALIZ	ED IN	TERSE	CTION S	SUMMAR	RY				
	,	Eastbound	•		tboun			chboun			ıthbo		Ī
	L	${f T}$	R	L	T	R	L	Т	R	L	T	R	1
No. Lar	nes	0 1	1	0	2	0	¦0	0	0	1	0	1	-
LGConfi	ig	${f T}$	RI		$_{ m LT}$		ĺ		j	L		R	
Volume				30	1252		1		J	44		29	
Lane Wi		12.0 1			11.0		1			12.0		12.0	
RTOR Vo)1	0										0	l
Duratio	on 0.2	25 A	rea T					······································				a delicati incresi annosis annosis annosis annosis annosis annosis annosis annosis annosis annosis annosis ann	
Phase (Combinat	ion 1	2	3	mar C	perat I	TOUS	5	6	 7		8	**** ***** ***** ***** ***
EB Lef			_	•	_	, NB	Left	-	-			•	
Thi	cu		P			1	Thru						
Ric			Р			1	Right						
Pec						1	Peds						
WB Lef		A	P			SB	Left	A					
Thi		A	P			1	Thru Right	71\					
Rio Peo						1	Peds	A					
NB Ric						I I EB	Right	A					
SB Ric	•					WB	Right	**					
Green		15.0	35.0				3	25.0					
Yellow			4.0					4.0					
All Rec	d	1.0	1.0					1.0					
		т ь			Donfo		a		.e Ler	igth:	90.0) se	ecs
Appr/	Lane	Adj			rerio itios	rmanc	e Summa Lane (19A	roac	 h		
Lane	Group	Flow				_							
Grp	Capacit	ty (s)	v/c	g/	C	Delay	LOS	Dela	y LO	S		
Eastboi	ınd	***************************************											
T	705	1763		1.47	0.	40	247.0	F	192.	4 F			
R	1125	1558		0.27		72	4.4	A					
Westbou	ınd												
LT	1340	3360		1.08	0.	62	46.6	D	46.6	5 D			
Northbo	ound												
Southbo	und												
L	511	1769		0.10	0.	29	23.4	С					
R	457	1583		0.07	0.	29	23.2	С	23.4	l C			
		section D							ection	LOS	= F		
			*										

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATEX9

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY SB RAMPS

	Eastb			stbour		CTION S	hbou		1 .	Sant	thbo	und	
	Lasto L T	ouna R	wes	ruodi T	R R	L	.nbou. T	R	L		T	unu R	
		10	1			-	*				-	~ `	i
No. Lanes	0	<u>1</u>	0	2	0	0	0	0		1	0	1	
LGConfig		r R	1	LT					L			F	R
Volume		11 340	108	1022					62	^		40	
Lane Width	12	.0 12.0	1	11.0		İ			12	. 0		12. 0	U
RTOR Vol		0	1			l			,			U	ı
Duration	0.25	Area	Type:		ther Operat								
Phase Combin	ation 1	2	3	4			5	6		7		8	
EB Left					NB	Left							
Thru		P			1	Thru							
Right		₽			1	Right							
Peds	75.	D				Peds	70						
WB Left Thru	A A	P P			SB	Left Thru	A						
Right	A	F			1	Right	A						
Peds						Peds							
					EB	Right	A						
NB Right													
-					WB	Right							
SB Right Green	15)		WB	Right	25.0						
SB Right Green Yellow	4.	4.0)		WB	Right	4.0						
SB Right Green		4.0)		WB	Right	4.0 1.0		nat	h•	an r	ı	SACS
SB Right Green Yellow	4.	4.0 1.0		Perfo			4.0 1.0 Cyc	le Lei	ngt	h:	90.0	ı	secs
SB Right Green Yellow All Red Appr/ Lane	4.	0 4.0 0 1.0 _Interse Adj Sat	ection Ra	Perfo atios			4.0 1.0 Cyc ary	le Lei		h: ach	90.0		secs
SB Right Green Yellow All Red Appr/ Lane Lane Grou	4. 1.	0 4.0 1.0 _Interse Adj Sat low Rate	ection Ra	atios	ormanc	e Summa Lane (4.0 1.0 Cyc ary Group	le Lei	pro	ach	90.0		secs
SB Right Green Yellow All Red Appr/ Lane Lane Grou	4.	0 4.0 0 1.0 _Interse Adj Sat	ection Ra	atios	ormanc	e Summa	4.0 1.0 Cyc ary Group	le Lei	pro	ach	90.C		secs
SB Right Green Yellow All Red Appr/ Lane Lane Grou	4. 1.	0 4.0 1.0 _Interse Adj Sat low Rate	ection Ra	atios	ormanc	e Summa Lane (4.0 1.0 Cyc ary Group	le Lei	pro	ach	90.0		secs
SB Right Green Yellow All Red Appr/ Lane Lane Ground Eastbound	4. 1. ip F) 4.0) 1.0 _Interse Adj Sat low Rate (s)	ection Ra	atios g,	ormanc	e Summa Lane (4.0 1.0 Cyc ary Group	le Lei	pro	ach	90.0		secs
SB Right Green Yellow All Red Appr/ Lane Lane Grou Grp Capa Eastbound	4. 1.	0 4.0 1.0 _Interse Adj Sat low Rate	ection Ra v/c	atios g,	ormanc 7 <u>C</u>	e Summa Lane (4.0 1.0 Cyc ary Group LOS	le Lei	pro	ach LOS	90.0		secs
SB Right Green Yellow All Red Appr/ Lane Lane Ground Grp Capa Eastbound T 705 R 112	4. 1.	O 4.0 O 1.0 _Interse Adj Sat low Rate (s) 	ection Rave v/c	atios g,	ormanc /C	e Summa Lane (Delay	4.0 1.0 Cycary_ Group LOS	le Lei	pro	ach LOS	90.0		secs
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SB Right Green Yellow All Red Appr/ Lane Lane Ground T 705 R 112 Westbound LT 135	4. 1. ip F icity	1.0 2. Interse Adj Sat 1.0 Rate (s) 1.763 1.763	ection R: v/c 1.5' 0.3:	atios g, 7 0. 2 0.	ormanc /C .40	e Summa Lane (Delay 288.7	4.0 1.0 Cycary Group LOS	le Lei App Dela	pro ay	LOS F	90.0		secs
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SB Right Green Yellow All Red Appr/ Lane Lane Ground T 705 R 112 Westbound LT 135 Northbound	4. 1. ip F icity	1.0 2. Interse Adj Sat 1.0 Rate (s) 1.763 1.763	ection R: v/c 1.5' 0.3:	atios g, 7 0. 2 0.	ormanc /C .40	e Summa Lane (Delay 288.7	4.0 1.0 Cycary Group LOS	le Lei App Dela	pro ay	LOS F	90.0		secs
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SB Right Green Yellow All Red Appr/ Lane Lane Ground T 705 R 112 Westbound LT 135 Northbound Southbound	4. 1. ap F acity 25	1.0 Interse Adj Sat low Rate (s) 1763 1558	1.5° 0.3: 0.1	7 0.2 0.4 0	7C .40 .72	288.7 4.6	4.0 1.0 Cycary Group LOS FA	le Lei App Dela	pro ay 7	LOS F	90.0		secs

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMNB9

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY SB RAMPS

				SIC	GNALIZ	ED I	NTER	SE	CTION S	UMMA	RY				
		Eas	stboun	d	Wes	tbou	ınd		Nort	hbou	nd	Sc	uthb	ound	
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	Thru			P					Thru						
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Wes	tbound	l													
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T		1099	176	6	0.59) (),62		1.6	A	14.	8 1	3		
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R		457	158		0.04).29			С					
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Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMNB9

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY SB RAMPS

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enase comb EB Left	THACTOR	1 1	۷	3	-4	I I NB	Left	J	G		,		O	
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BB Right						WB	Right							
		15.0	35.0					25.0						
Yellow		4.0	4.0					4.0						
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Yellow All Red Appr/ La Lane Gr Grp Ca	oup	4.0 1.0 Ir Adj	4.0 1.0 ntersections Sature Rate	R.	atios	·	Lane (4.0 1.0 Cycary_ Group	le Le	pro	ach		s	ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound	oup pacity	4.0 1.0 Ir Adj Flow	4.0 1.0 ntersection Sature Rate	v/c	atios g	/C	Lane (4.0 1.0 Cycary Group	le Le	ppro ay	ach		s	ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound	oup pacity 	4.0 1.0 Ir Adj Flow	4.0 1.0 ntersec) Sat v Rate (s)	r. v/c	atios g 2 0	7/C	Lane (4.0 1.0 Cycary_ Group	le Le	ppro ay	LOS		s	:ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1	oup pacity	4.0 1.0 Ir Adj Flow	4.0 1.0 ntersec) Sat v Rate (s)	v/c	atios g 2 0	/C	Lane (Delay	4.0 1.0 Cycary_ Group LOS	le Le	ppro ay	LOS			ec
Lane Gr Grp Ca Eastbound T 7 R 1 Westbound	oup pacity 05 125	4.0 1.0 Ir Ad: Flow 176	4.0 1.0 ntersed Sat W Rate (s)	7.7 0.3	atios 2 0 3 0	.40 .72	Delay 359.8 4.7	4.0 1.0 Cycary_ Group LOS	le Le	ay	LOS F		s	
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1 Westbound	oup pacity 	4.0 1.0 Ir Ad: Flow 176	4.0 1.0 ntersed Sat W Rate (s)	7.7 0.3	atios 2 0 3 0	.40 .72	Lane (Delay	4.0 1.0 Cycary_ Group LOS	le Le	ay	LOS F		s	
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1 Westbound	oup pacity 05 125	4.0 1.0 Ir Ad: Flow 176	4.0 1.0 ntersed Sat W Rate (s)	7.7 0.3	atios 2 0 3 0	.40 .72	Delay 359.8 4.7	4.0 1.0 Cycary_ Group LOS	le Le	ay	LOS F		s	.ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1 Westbound LT 1 Northbound	oup pacity 05 125	4.0 1.0 Ir Ad: Flow 176	4.0 1.0 ntersed Sat W Rate (s)	7.7 0.3	atios 2 0 3 0	.40 .72	Delay 359.8 4.7	4.0 1.0 Cycary_ Group LOS	le Le	ay	LOS F		s	:ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1 Westbound LT 1 Northbound	oup pacity 05 125	4.0 1.0 Ir Adj Flow 176 155	4.0 1.0 ntersec) Sat v Rate (s)	1.7 0.3	atios g 2 0 3 0	.40 .72	359.8 4.7	4.0 1.0 Cycary Group LOS F A	le Le	ay	LOS F		s	.ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1 Westbound LT 1 Northbound	oup pacity 05 125	4.0 1.0 Ir Adj Flow 176 155	4.0 1.0 ntersed Sat W Rate (s)	1.7 0.3	atios g 2 0 3 0	.40 .72	359.8 4.7	4.0 1.0 Cycary_ Group LOS	le Le Ap Del	ay	LOS		S	ec
Yellow All Red Appr/ La Lane Gr Grp Ca Eastbound F 7 R 1 Westbound LT 1 Northbound Southbound	oup pacity 05 125	4.0 1.0 Ir Adj Flow 176 155	4.0 1.0 ntersec j Sat v Rate (s) 	1.7 0.3 1.2	atios g 2 0 3 0	.40 .72	359.8 4.7 123.6	4.0 1.0 Cycary_Group LOS F A	le Le Ap Del	ay	LOS		S	ec

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATNB9

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY SB RAMPS

E/W 5C. NOO	16 202/33				11/15	DC. 11.		W 1111		. ~~	******
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Thru		P			1	Thru					
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WB Left Thru	A A	P P			20	Thru	A				
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All Red	1.0						1.0				
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Lane Gro	-	ow Rate	<u>v/c</u>	g/	C	Delay	T.OS	Dela	v LOS		
Grp Cap	acity	(s)	V/C	97		Delay	поз	Dera			
Eastbound											
т 70	5 1	763	1.81	0.	40	396.8	F	298.	5 F		
		558	0.38		72	4.9	A				
Westbound											
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LT 13	51 3	359	1.00	0.	62	31.3	C	J	, ,		
Northbound											
Southbound											
L 51	1 1	769	0.14	0.	29	23.8	С	^^			
R 45	7 1	583	0.17	Λ	29	24.0	С	23.9) C		
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211			_, ,	. – , ~	, . •	.,		· ·			

Agency: JCE

Area Type: All other areas Date: 2/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD9 E/W St: ROUTE 202/35

N/S St: TACONIC STATE PARKWAY SB RAMPS

			SI			SECTION				
	 L	Eastbour T	nd R		bound		thbou	•	South	•
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WB Let		A	P		, SE		A			
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Green		15.0	35.0			-	25.0			
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AII Kec	L	1.0	1.0				1.0	lo Ion	gth: 90	0
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Lane	Group		Rate							
Grp	Capacit	-À (s)	v/c	g/C	Delay	LOS	Dela	y LOS	
Eastbou	nd									
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Westbou		100	_	0 00	0 00	00.0	_			
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Analyst: RGD

Inter.: ROUTE 202/35 & TACONIC SB RAMP

Area Type: All other areas

Jurisd: 2013 BUILD TRAFFIC VOLUMES

Year :

Period: PM PEAK HOUR Project ID: 1646PMBD9 E/W St: ROUTE 202/35

Date: 02/04/2011

Agency: JCE

N/S St: TACONIC STATE PKWY SB RAMPS

							CTION S	SUMMA chbou			· · · · · ·	- h h o		
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Green Yellow All Red Appr/	Lane	4.0 1.0	4.0 1.0 ntersec		Perfo	ormanc		4.0 1.0 Cyc ary	le Le				s	ecs
Green Yellow All Red Appr/ Lane	Lane Group	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate	Ra	tios	ormanc	e Summa	4.0 1.0 Cyc ary Group	le Le	 proa	ach		s	ecs
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Green Yellow All Red Appr/ Lane Grp	Lane Group Capaci	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate	Ra	tios	ormanc	e Summa	4.0 1.0 Cyc ary Group	le Le	 proa	ach		s	ecs
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capaci	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate	Ra	tios g	ormanc	e Summa	4.0 1.0 Cycary Group	le Le	proa	ach		s	ecs
Green Yellow All Red Appr/ Lane Grp	Lane Group Capaci	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	Re v/c	tios g. 0	ormanc /C	e Summa Lane (4.0 1.0 Cycary Group	App	proa	ach LOS			ecs
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capaci and 705 1125	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	R <i>€</i> v/c	tios g. 0	ormanc /C 	e Summa Lane (Delay	4.0 1.0 Cycary Group LOS	App	proa	ach LOS		s	ecs
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou	Lane Group Capaci Ind 705 1125	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	7.90 0.39	g. 0	ormanc /C .40 .72	Lane (Delay 444.4	4.0 1.0 Cycary Group LOS	le Lei	proay l	LOS F			ecs
Green Vellow All Red Appr/ Lane Grp Eastbou	Lane Group Capaciand 705 1125 and	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	7.90 0.39	g. 0	ormanc /C .40 .72	Lane (Delay 444.4	4.0 1.0 Cycary Group LOS	le Lei	proay l	LOS F			ecs
Green Yellow All Red Appr/ Lane Grp Eastbou R R Westbou	Lane Group Capaciand 705 1125 and	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	7.90 0.39	g. 0	ormanc /C .40 .72	Lane (Delay 444.4	4.0 1.0 Cycary Group LOS	le Lei	proay l	LOS F			ecs
Green Yellow All Red Appr/ Lane Grp Eastbou R R Westbou	Lane Group Capaci Ind 705 1125 Ind 1337	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	7.90 0.39	g. 0	ormanc /C .40 .72	Lane (Delay 444.4	4.0 1.0 Cycary Group LOS	le Lei	proay l	LOS F		s	ecs
Green Vellow All Red Appr/ Lane Grp Eastbou CR Westbou LT Northbo	Lane Group Capaci and 705 1125 and 1337 bund	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s) 63 58	1.90 0.39	tios g, 0 0	ormanc /C .40 .72	e Summa Lane (Delay 444.4 5.0	4.0 1.0 Cycary Group LOS	le Lei	proay l	LOS F		s	ecs
Green Yellow All Red Appr/ Lane Grp Eastbou I R Westbou LT Northbo	Lane Group Capaci Ind 705 1125 Ind 1337	4.0 1.0 I Ad Flo	4.0 1.0 ntersed j Sat w Rate (s)	1.90 0.39	tios g, 0 0	ormanc /C .40 .72	e Summa Lane (Delay 444.4 5.0	4.0 1.0 Cycary Group LOS	le Len App	proa . 1 . 9	LOS F			ecs
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capaci and 705 1125 and 1337 bund	4.0 1.0 I Ad Flo ty 17 15	4.0 1.0 ntersed j Sat w Rate (s) 63 58	1.90 0.39 1.36	tios g, 0 0	ormanc /C .40 .72	e Summa Lane (4.0 1.0 Cycary Group LOS	le Lei	proa . 1 . 9	F F			ecs

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATBD9

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY SB RAMPS

			210	ZNATIT	וד ממק	MIEKSE	CTION S	OMMA.	K 1		<u> </u>			
	•	stbour		•	stbou		-	hbou			Sout			
	L	Т	R	L	T	R	L	T	R	L		T	R	
No. Lan	es 0	1	1	'	2	0	'	0	0	' ——— 	1	0	-	
LGConfi	•	T	R	İ	LT	•		-		L			R	
Volume	ĺ	1396	499	1114	1417				ĺ	66			141	
Lane Wi	•	12.0		I	11.0		1		ļ	12.	0		12.0	
RTOR Vo	1		0										59	
Duratio	n 0.25		Area			other Operat								•
Phase C	ombinatio	n 1	2	3				5	6		7		8	
EB Lef	t					NB	Left							
Thr			P			1	Thru							
Rig			P				Right							
Ped		70	D			l SB	Peds Left	A						
WB Lef Thr		A A	Б Б			1 20	Thru	n						
Rig		7.7	<u> </u>			1	Right	A						
Ped						i	Peds							
NB Rig	ht					EB	Right	A						
SB Rig	ht					WB	Right							
Green		15.0	35.0					25.0						
Yellow		4.0	4.0					4.0						
All Red		1.0	1.0						le Le	nati	n: 9	0.0	sed	is.
		***			_			- 7						
		11	nterse	ction	Perf	ormanc	e Summa	ary						
Appr/	Lane	Adj	Sat		Perf atios		e Summa Lane (Apı	proa	ach			
Lane	Group	Adj Flov	j Sat v Rate	Ra	atios			Froup						
Lane Grp	Group Capacity	Adj Flov	Sat		atios		Lane (Froup					***************************************	
Lane	Group Capacity	Adj Flov	j Sat v Rate	Ra	atios		Lane (Froup						
Lane Grp	Group Capacity	Adj Flov) Sat v Rate (s)	Ra	atios g		Lane (Froup		ay 1	LOS			
Lane Grp Eastbou T	Group Capacity nd 705 1125	Ad Flov	j Sat v Rate (s)	Ra v/c	atios g 1 0	7c 	Lane (LOS	Dela	ay 1	LOS			
Lane Grp Eastbou	Group Capacity nd 705 1125	Adg Flow	j Sat v Rate (s)	2.1	atios g 1 0	/c 	Lane (Delay	LOS F	Dela	ay 1	LOS			
Lane Grp Eastbou T	Group Capacity nd 705 1125	Ad; Flow 176	j Sat v Rate (s)	2.1: 0.4	atios g 1 0 7 0	/c 	Delay 526.6 5.3	LOS F A	Dela 389	ay 1	LOS			
Lane Grp Eastbou T R Westbou LT	Group Capacity ————————————————————————————————————	Ad; Flow 176) Sat v Rate (s)	2.1: 0.4	atios g 1 0 7 0	.40 .72	Delay 526.6 5.3	LOS F A	Dela 389	ay 1	LOS F			
Lane Grp Eastbou T R Westbou	Group Capacity ————————————————————————————————————	Ad; Flow 176) Sat v Rate (s)	2.1: 0.4	atios g 1 0 7 0	.40 .72	Delay 526.6 5.3	LOS F A	Dela 389	ay 1	LOS F			
Lane Grp Eastbou T R Westbou LT Northbo	Group Capacity ————————————————————————————————————	Ad; Flow 176) Sat v Rate (s)	2.1: 0.4	atios g 1 0 7 0	.40 .72	Delay 526.6 5.3	LOS F A	Dela 389	ay 1	LOS F			
Lane Grp Eastbou T R Westbou LT	Group Capacity ————————————————————————————————————	Adj Flow 179 159) Sat v Rate (s)	2.1: 0.4	atios g 1 0 7 0	.40 .72	Delay 526.6 5.3	LOS F A	389 96.	.3	F F			
Lane Grp Eastbou T R Westbou LT Northbo Southbo	Group Capacity 705 1125 nd 1345 und	Adg Flow 176 159 336	j Sat v Rate (s) 	2.1: 0.4: 1.1:	atios g 	.40 .72 .62	Delay 526.6 5.3 96.1	LOS F A F	Dela 389	.3	F F			
Lane Grp Eastbou T R Westbou LT Northbo Southbo	Group Capacity 705 1125 nd 1345 und und 511 457	Adg Flow 176 159 336	j Sat v Rate (s) 	2.1: 0.4: 1.1: 0.2:	atios g 	.40 .72 .62	Delay 526.6 5.3 96.1 23.8 24.2	LOS F A F C C	Dela 389 96.	.3 .3	F F			
Lane Grp Eastbou T R Westbou LT Northbo Southbo	Group Capacity 705 1125 nd 1345 und	Adg Flow 176 159 336	j Sat v Rate (s) 	2.1: 0.4: 1.1: 0.2:	atios g 	.40 .72 .62	Delay 526.6 5.3 96.1 23.8 24.2	LOS F A F C C	Dela 389 96.	.3 .3	F F			
Lane Grp Eastbou T R Westbou LT Northbo Southbo	Group Capacity 705 1125 nd 1345 und und 511 457	Adg Flow 176 159 336	j Sat v Rate (s) 	2.1: 0.4: 1.1: 0.2:	atios g 	.40 .72 .62	Delay 526.6 5.3 96.1 23.8 24.2	LOS F A F C C	Dela 389 96.	.3 .3	F F			

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD9 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY SB RAMPS

E/W St:	ROUTE 202	2/35		N/S	St: TACON	IC STAT	re parkwa	Y SB RAMPS
	l Eas	SI stbound	GNALIZED Westb		CTION SUMM Northbo		Southb	ound
	l L	T R	L T		L T	R	l L T	R
No. Lane LGConfig Volume Lane Wid RTOR Vol	lth	1 1 T R 840 764 12.0 12.0			0 0	0	1 0 L 95 12.0	1 R 62 12.0 62
Duration	0.25	Area	Type: Al	l other l Operat				
Phase Co EB Left Thru Righ Peds WB Left Thru Righ Peds NB Righ SB Righ Green Yellow All Red	it it : : it it	P P P A P A P A P A 15.0 43.0 4.0 4.0 1.0	3	4 NB SB EB WB	5 Left Thru Right Peds Left A Thru Right A Peds Right A Right 17. 4.0		7 ngth: 90.	8 0 secs
7.000	Lane	Interse Adj Sat	ction Pe Rati		e Summary_ Lane Grou		ngth: 90. proach	
Lane	Group Capacity	Flow Rate		g/ C	Delay LOS		ay LOS	
Eastboun								
T R Westboun	862 1125	1763 1558	1.06 0.74	0.49	52.8 D 9.5 A	32.	2 C	
DefL T	405 2391	1805 3363	0.90 0.28	0.71 0.71	47.1 D 0.8 A	17.	0 В	
Northbou	ınd							
Southbou L	and 354	1769	0.30	0.20	30.8 C	30.	8 C	
R	317 Intersed	1583 ction Delay	0.00 = 26.7	0.20 (sec/ve	28.8 C h) Inter		n LOS = (

Analyst: RGD Inter.: ROUTE 202/35 & TACONIC SB RAMP

Agency: JCE Area Type: All other areas

Date: 2/12/11 Jurisd: 2013 BUILD TRAFFIC VOLUMES - I

Period: PM PEAK HOUR Year :

Project ID: 1646PMBD9 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY SB RAMPS

				si				CTION S				. 1 1		
	!		stbour	,		bour		-	hbour			outhb		
	1	L	T	R	\mathbf{L}	T	R	L 	T	R	L 	T	R	!
No. Lar LGConfi Volume Lane Wi RTOR Vo	g - dth	0	1 T 1236 12.0	399 i	0 DefL 85 12.0	3 T 1585 11.0	0	0	0	0	L 47 12.0	<u>1</u> 0	1 105 12. 15	5
Duratio	on (0.25		Area T										
Phase C		 a t i Oi			Sigi 3	nal (4	Operat I	ions	<u>-</u>	6		7	8	
EB Lef	t cu ght		2	P P	J	Î	NB	Left Thru Right Peds	-					
WB Lef	it cu yht		A A	P P			SB	Left Thru Right Peds	A A					
NB Rig SB Rig Green	ght		10.0	55.0			EB WB	Right Right	A 10.0					
Yellow All Rec	d		4.0	4.0		D = 4- E :		o Cummi	4.0 1.0 Cyc	le Le	ngth	: 90.	0	secs
Appr/	Lane		Ad	j Sat		tios		e Summa Lane (proa	ch		
Lane Grp	Grou _l Capa			w Rate (s)	v/c	g,	7 c	Delay	LOS	Del	ay L	os		
Eastbou	ind										*****			····
T R Westbou	109 121:		176 155		1.22 0.36		.62 .78	126.5 3.2	F A	96.	4	F		
DefL T	306 265)5 63	0.30 0.65		.79 .79		C A	2.1		A		
Northbo	ound													
			176	C 0	0 04	^	10	25 0	n					
Southbo	21/		1 1 6	O M	0.24	U	.12	35.9	D					
Southbo L R	216 193		158		0.52	Λ	.12	38.1	D	37.	4	D		

Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATBD9 - WITH IMPROVEMENTS
E/W St: ROUTE 202/35
N/S St: TACONIC STATE PKWY SB RAMPS

							CTION S			1 0	Y ~ +	h h a	
	•	stbour T	nd R	Wes L	tboui T	na R	L	:hbou T	.na R	L	out	hbo T	una R
	L	T	K	<u>1</u> 	T	R	 T	Ţ	K	11		1	IX
No. Lan	es 0	<u>_</u>	1	¦	3	0	i 0	0	0	' 	1	0	1
LGConfi	· ·	${f T}$	R	DefL	\mathbf{T}					L			R
Volume	i	1396	499	114	1717					66			141
Lane Wi	dth	12.0	12.0	12.0	11.0					12.	. 0		12.0
RTOR Vo	1		0				1			1			46
Duratio	n 0.25		Area 1	Type:	A11 (other	areas						
						Operat							
	ombinatio	n 1	2	3	4			5	6		7		8
EB Lef						NB	Left						
Thr			P			-	Thru						
Rig			P			1	Right Peds						
Ped WB Lef		75	T)			I I SB	Left	Α					
WB Lef Thr		A A	P P			ا ا	Thru	L)					
Rig		Λ	r			İ	Right	Α					
Ped						i	Peds	* *					
NB Rig						i I EB	Right	A					
_						•	Right						
SB Ria	ht					I W.D	RIGHE						
_	nt	10.0	55.0			WB	Rigire	10.0)				
Green	ht	10.0	55.0 4.0			I MD	Right	10.0)				
Green Yellow						aw j	RIGHT	4.0					
Green Yellow		4.0	4.0				-	4.0 1.0 Cyc	:le Le	ngtl	n: 9	90.0	se
Green Yellow All Red		4.0 1.0	4.0 1.0 ntersec				e Summa	4.0 1.0 Cyc	:le Le			90.0	se
Green Yellow All Red Appr/	Lane	4.0 1.0	4.0 1.0 ntersed j Sat		Perf tios		-	4.0 1.0 Cyc	:le Le	ngtl proa		90.0	se
Green Yellow All Red Appr/ Lane	Lane Group	4.0 1.0 In Adj	4.0 1.0 ntersed j Sat w Rate	Ra	tios	ormanc	e Summa Lane (4.0 1.0 Cyc ary_ Group	le Le	proa	ach	90.0 	se
Green Yellow All Red Appr/ Lane	Lane	4.0 1.0 In Adj	4.0 1.0 ntersed j Sat		tios		e Summa	4.0 1.0 Cyc ary_ Group	le Le		ach	90.0	se
SB Rig Green Yellow All Red Appr/ Lane Grp	Lane Group Capacity	4.0 1.0 In Adj	4.0 1.0 ntersed j Sat w Rate	Ra	tios	ormanc	e Summa Lane (4.0 1.0 Cyc ary_ Group	le Le	proa	ach	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity	4.0 1.0 In Adj	4.0 1.0 ntersed j Sat w Rate (s)	Ra	tios g	ormanc	e Summa Lane (4.0 1.0 Cyc ary_ Group	le Le	proa	ach	90.0 	se
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity	4.0 1.0 In Adj Flow	4.0 1.0 ntersed j Sat w Rate (s)	Ra v/c	tios g	ormanc /C	e Summa Lane (4.0 1.0 Cycary Group	le Le Ap Del	proa	ach LOS	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd 1097 1212	4.0 1.0 In Adj Flow	4.0 1.0 ntersed j Sat w Rate (s)	Ra v/c 1.35	tios g	ormanc 7C .62	E Summa Lane (Delay	4.0 1.0 Cycary Group LOS	le Le Ap Del	proa	ach LOS	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd 1097 1212 nd 306	4.0 1.0 In Adj Flow	4.0 1.0 ntersec j Sat w Rate (s)	Ra v/c 1.35 0.44 0.39	g 0 0	0rmanc /C .62 .78	Lane Control Delay 182.2 3.6 20.9	4.0 1.0 Cycary Group LOS	le Le Ap Del	proa ay 1	ach LOS F	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou	Lane Group Capacity nd 1097 1212	4.0 1.0 In Adj Flow	4.0 1.0 ntersed j Sat w Rate (s)	Ra v/c 1.35 0.44	g 0 0	ormanc /C .62	Lane (4.0 1.0 Cycary_ Group LOS	le Le Ap Del	proa ay 1	ach LOS	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou DefL	Lane Group Capacity nd 1097 1212 nd 306 2653	4.0 1.0 In Adj Flow	4.0 1.0 ntersec j Sat w Rate (s)	Ra v/c 1.35 0.44 0.39	g 0 0	0rmanc /C .62 .78	Lane Control Delay 182.2 3.6 20.9	4.0 1.0 Cycary_ Group LOS	le Le Ap Del	proa ay 1	ach LOS F	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou DefL T	Lane Group Capacity nd 1097 1212 nd 306 2653	4.0 1.0 In Adj Flow	4.0 1.0 ntersec j Sat w Rate (s)	Ra v/c 1.35 0.44 0.39	g 0 0	0rmanc /C .62 .78	Lane Control Delay 182.2 3.6 20.9	4.0 1.0 Cycary_ Group LOS	le Le Ap Del	proa ay 1	ach LOS F	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou DefL T	Lane Group Capacity nd 1097 1212 nd 306 2653	4.0 1.0 In Adj Flow	4.0 1.0 ntersec j Sat w Rate (s)	Ra v/c 1.35 0.44 0.39	g 0 0	0rmanc /C .62 .78	182.2 3.6 20.9	4.0 1.0 Cycary_ Group LOS	le Le Ap Del	proa ay 1	ach LOS F	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou DefL T	Lane Group Capacity nd 1097 1212 nd 306 2653	4.0 1.0 In Adj Flow	4.0 1.0 ntersed j Sat w Rate (s)	Ra v/c 1.35 0.44 0.39	0 0 0	0rmanc /C .62 .78	Lane Control Delay 182.2 3.6 20.9	4.0 1.0 Cycary_ Group LOS	le Le Ap Del 135	proa	ach LOS F	90.0	se
Green Yellow All Red Appr/ Lane Grp Eastbou T R Westbou DefL T Northbo	Lane Group Capacity nd 1097 1212 nd 306 2653 und	4.0 1.0 In Add Flow 176 153	4.0 1.0 ntersection saturates (s) 63 58 05 63	1.35 0.44 0.39 0.67	0 0 0	.62 .78	182.2 3.6 20.9 1.3	4.0 1.0 Cycary_ Group LOS	le Le Ap Del	proa	ach LOS F	90.0	se

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMEX10
E/W St: ROUTE 202/35
N/S St: TACONIC STATE PARKWAY NB RAMPS

	STG	NALTZED	INTERSE	CTION S	UMMARY	7			
l Fa	stbound	Westb			hbound		Sout	hbour	nd I
L	T R	L T		•	T F		L	T	R
No. Lanes 1			1 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0 1	' [0	0	¦
LGConfig L	T		TR	L		R			***
Volume 75	768	74	6 13	95	80)			
Lane Width 11.0		11	.0	12.0	12	2.0			1
RTOR Vol	İ		1	l	63	3			I
Duration 0.25	Area T		l other		·	~			
Phase Combinatio	n 1 2	sryna 3	1 Operat	TO112	5	6	- 7	8	
EB Left	P A	J	, NB	Left	A	~	,	· ·	
Thru	P A		l I	Thru					
Right	r A		i	Right	A				
Peds			i	Peds	4.4				
WB Left			l SB	Left					
Thru	P		1 00	Thru					
Right	P		E	Right					
Peds	r		1	Peds					
			EB	Right					
			WB	Right					
SB Right Green	40.0 10.0		1 4475	Night	25.0				
Yellow	4.0 4.0				4.0				
All Red	1.0 1.0				1.0				
All Ked	1.0 1.0					e Len	gth:	90.0	secs
		ction Pe	erformanc						
Appr/ Lane	Adj Sat	Rati	.os	Lane G	Group	App	roach		
Lane Group	Flow Rate								
Grp Capacity	(s)	v/c	g/C	Delay	LOS	Dela	y LOS		
Eastbound							memore emerges record record fideled i		
L 411	1675	0.20	0.62	20.1	С				
T 1055	1695	0.79	0.62	15.9	В	16.3	В		
Westbound									
TR 823	1807	1.00	0.46	54.3	D	54.3	D		
Northbound									
L 529	1832	0.20	0.29	24.2	С	24.0	С		
R 473 Southbound	1639	0.04	0.29	23.0	С		Č		

Intersection Delay = 33.6 (sec/veh) Intersection LOS = C

Inter.: ROUTE 202/35 & TSP NB RAMPS Analyst: RGD

Area Type: All other areas Agency: JCE

Date: 1/18/2011 Period: PM PEAK HOUR Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Year :

Project ID: 1646PMEX10

N/S St: TACONIC STATE PKWY NB RAMPS E/W St: ROUTE 202/35

D/W DC. IV	00111 202	., 55				11,	J J		•		-		
			SIG	NALIZE	ED INT	TERSE	CTION S	SUMMAR	Y				
	Eas	tbound	i k	West	bound	Ł	Nort	hboun	d	Sout	thbo	und	
	L	T	R I	L	T	R	L	T	R	L	\mathbf{T}	R	!
	ļ		!										
No. Lanes		1	0	0	1	0	1	0	1	0	0	0	1
LGConfig	L	T			TR	79	L 590	3	R 52				1
Volume	237	763	Į		742 ⁻ L1.0	19	12.0		2.0				1
Lane Widt	h 11.0	11.0	1	-		4	12.0		27				i I
KIOK VOI	ŀ		ı			1	1		<u></u> , ,				'
Duration	0.25		Area T	ype: A	111 01	ther	areas						
					nal Op								
Phase Com	bination	1	2	3	4	***************************************		5	6	7		8	
EB Left		P	Α			NB	Left	A					
Thru		P	A			!	Thru	_					
Right						ļ	Right	A					
Peds						ap	Peds						
WB Left		Б				SB	Left Thru						
Thru		P P				1	Right						
Right Peds		r				l I	Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		40.0	10.0			, ,,,,,,	***********	25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
								Cycl	e Leng	th:	90.0		secs
						rmanc	e Summa						
·	ane	_	Sat	Ra	tios		Lane	Group	Appr	oach			
	roup		Rate										
Grp C	apacity	(s)	v/c	g/	С	Delay	LOS	Delay	, ros			
Eastbound	· · · · · · · · · · · · · · · · · · ·									* ***** ****** ******			
	403	167	5	0.64	0.	62	29.3	С					
	1055	169		0.79			8.6	A	13.5	В			
Westbound													
TR	817	179	4	1.04	0.	46	125.8	F	125.8	F			
Northboun		400	0	1 ^ 4	_	0.0	165 4	577					
\mathbf{L}	529	183	2	1.24	Ο.	29	155.4	£°	120 1	ਜ਼ਾ			
D	172	160	Ω	0 52	0	29	27.4	С	120.1	. г			
R Southboun	473	163	フ	0.53	υ.	۵ ک	41.4	Ç					
Souchboan	·u												

Intersection Delay = 81.0 (sec/veh) Intersection LOS = F

Analyst: RGD Inter.: ROUTE 202/35 & TSP NB RAMPS

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Year :

Date: 1/18/2011
Period: SATURDAY PEAK HOUR
Project ID: 1646SATEX10

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY NB RAMPS

		SI	GNALIZEI	O INTERSE	CTION S	UMMAR	Č			
	Eas	tbound		oound		hbound		Sout	hbou	nd
	L	T R	, L :	r R	L	T F	₹]	Ĺ	T	R
No. Lanes	1 1	1 0	'	1 0	1 1	0 :		0	0	i
LGConfig	i L	T	i	TR	L		R İ			1
Volume	1260	843	I 80	64 47	266	10	08			1
Lane Width	•			1.0	112.0		2.0			1
RTOR Vol			ŀ	2	i	82				
Duration	0.25	Area '	Type: A	ll other	areas					
Daracron				al Operat						***** ***** ***** ***** ***** ***** ****
Phase Comb	pination		3	4		5	6	7	8	
EB Left		P P		NB	Left	P				
Thru		P P			Thru					
Right					Right	₽				
Peds				I	Peds					
WB Left				SB	Left					
Thru		P		I	Thru					
Right		P		I	Right					
Peds					Peds					
NB Right				EB	Right					
SB Right				WB	Right					
Green		40.0 10.0				25.0				
Yellow		4.0 4.0				4.0				
All Red		1.0 1.0				1.0	_		^^ ^	
						_	e Leng	th:	90.0	secs
T		ng appayer by halo by the seasons		erformano			Appr			
	ane coup	Adj Sat Flow Rate		ios	Lane 0	aroup	Appr	oacn		
	apacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS		
Eastbound	200	1 67 5	0.70	0.62	57.8	E				
	369	1675	0.78	0.62	36.5	D	41.5	D		
T 1	1055	1695	0.88	0.02	30.3	Ŋ	41.5	עו		
Westbound										
TR 8	320	1801	1.20	0.46	126.2	F	126.2	F		
Northbound	ł									
	529	1832	0.53	0.29	37.1	D				
							35.9	D		
R 4 Southbound	173 i	1639	0.06	0.29	23.4	С				

Intersection Delay = 74.1 (sec/veh) Intersection LOS = E

Inter.: ROUTE 202/35 & TACONIC NB RAMP Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES Date: 02/15/2011 Period: AM PEAK HOUR

Year :

Project ID: 1646AMNB10

N/S St: TACONIC STATE PARKWAY NB RAMPS E/W St: ROUTE 202/35

		SIC	GNALIZE	ID IN	CERSE(CTION S	UMMARY	ľ				
	Eastk	oound	West	bound	k	Nort	hbound	d	Sout	hbou	nd	
	i L I		L I	T	R	 L 	T I	R I	,	Т	R	l I
No. Lanes	1 1	1 0	i	1	0	' 	0		0	0	0	<u>`</u>
LGConfig	L	T	, , 	TR		L		R Í				İ
Volume	•	36	' I 8		1.4	118	85	5				1
Lane Width	· ·		•	1.0		112.0		2.0				ĺ
RTOR Vol			' 		1	Í	6					1
						·						
Duration	0.25	Area 5	Type: A Siar		ther a							
Phase Comb	nation 1	<u> </u>	3	4			5	6	7	8		
EB Left		A A			NB	Left	A					
Thru		? A			I	Thru						
Right					ĺ	Right	Α					
Peds						Peds						
WB Left					I SB	Left						
Thru	1	2			i İ	Thru						
Right		2			i	Right						
Peds	•	•			i i	Peds						
NB Right					LEB	Right						
SB Right					WB	Right						
Green	4 (0.0 10.0			,	J	25.0					
Yellow		.0 4.0					4.0					
All Red		.0 1.0					1.0					
1122 100	-						Cvcl	e Lengt	th:	90.0	;	
												secs
		Interse	ction 1	Perfo.	rmanc	e Summa	_	_				secs
Appr/ Lar		Intersed Adj Sat Flow Rate		Perfo tios	rmanc	e Summa Lane (ary	Appro	oach			secs
Lane Gro					_		ary Group					
Lane Gro	oup I	Adj Sat Flow Rate	Rat	tios	_	Lane (ary Group	Appro				
Lane Gro Grp Cap Eastbound	oup I	Adj Sat Flow Rate	Rat	g/ 0.	C 	Lane (ary Group	Appro				
Lane Gro Grp Cap Eastbound L 3	oup Dacity	Adj Sat Flow Rate (s)	Rat	g/	C 	Lane (ary Group LOS	Appro				
Lane Gro Grp Cap Eastbound L 3	oup bacity	Adj Sat Flow Rate (s) 1675	Rat v/c	g/ 0.	C 	Delay	Group LOS	Appro	LOS			
Lane Gro Grp Cap Eastbound L 3: T 1: Westbound	oup bacity	Adj Sat Flow Rate (s) 1675	Rat v/c	g/ 0.	C 62 62	Delay	Group LOS	Appro	LOS			
Lane Gro Grp Cap Eastbound L 3: T 1: Westbound TR 8:	oup bacity	Adj Sat Flow Rate (s) 1675 1695	v/c 0.25 0.86	g/ 0.	C 62 62	Delay 22.4 12.9	Group LOS C B	Appro	LOS			
Lane Gro Grp Cap Eastbound L 3: T 1: Westbound TR 8: Northbound	oup Description of the control of th	Adj Sat Flow Rate (s) 1675 1695	0.25 0.86	0. 0.	62 62 64	Delay 22.4 12.9	F F	Appro	LOS			
Lane Gro Grp Cap Eastbound L 3: T 1: Westbound TR 8: Northbound	oup bacity	Adj Sat Flow Rate (s) 1675 1695	v/c 0.25 0.86	0. 0.	62 62 64	Delay 22.4 12.9	Group LOS C B	Appro	LOS		-	secs

Intersection Delay = 44.6 (sec/veh) Intersection LOS = D

Inter.: ROUTE 202/35 & TSP NB RAMPS Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES Date: 2/15/2011

Period: PM PEAK HOUR Year :

Project ID: 1646PMNB10

N/S St: TACONIC STATE PKWY NB RAMPS E/W St: ROUTE 202/35

			SIG	NALIZ	ED I	NTERSE	CTION S	UMMAR	<u>Y</u>				
	l Eas	tboun	d	Wes	tbour	nd	Nort	hbound		Sou	thbou	ınd	
	L	Т	R I	L	T	R	L	T I	R	L	T	R	<u> </u>
No. Lanes	1	1	'	0	<u></u>	0		0	¦ -	0	0	0	_
LGConfig	L	T	!		TR		L		R				1
Volume	1281	882	1		862	8 4	671	3.	73				1
Lane Width	111.0	11.0			11.0		12.0	1:	2.0				
RTOR Vol			İ			4	I	1:	27				1
Duration	0.25		Area T										
						Operat	ions						
Phase Combi	nation		2	3	4			5	6	7	8	3	
EB Left		P	Α			NB	Left	A					
Thru		P	A			İ	Thru						
Right						1	Right	A					
Peds						1	Peds						
WB Left						SB	Left						
Thru		P					Thru						
Right		P					Right						
Peds							Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		40.0	10.0					25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
								_	e Leng	gth:	90.0	S	secs
							e Summa						
Appr/ Lan	e	Adj	Sat	Rá	atios		Lane G	roup	Appı	roach			
Lane Gro	up	Flow	<i>ı</i> Rate										
Grp Cap	acity	((s)	v/c	g	/C	Delay	LOS	Delay	y LOS			
Eastbound		<u> </u>		.,						***************************************			
L 37		167		0.82		.62	39.3	D	00 1	~			
т 10	55	169	95	0.93	1 0	.62	14.4	В	20.4	С			
Westbound													
TR 81	8	179	95	1.2	O C	.46	185.4	F	185.	4 F			
Northbound													
L 52	9	183	32	1.4	1 0	.29	227.6	F	174.	3 ਸ			
R 47 Southbound	3	163	39	0.5	8 0	.29	28.5	С	<u> </u>	8			

Intersection Delay = 118.0 (sec/veh) Intersection LOS = F

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Year :

Period: SATURDAY PEAK HOUR Project ID: 1646SATNB10

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY NB RAMPS

L, w St. Ro	015 202	., 55		21, 2	200						
	·····			INTERSE					la la a s		
	•	tbound	Westb		•	hboun		Sout	.oan. T	ana R	1
	L	T R	L T	R	L	Т	R I	.i	1	N	1
No. Lanes	1 1	1 0	.¦	1 0	¦	0		0	0	0	'
LGConfig	L	T	-	TR	L	V	R	Ŭ	Ů	Ŭ	i
Volume	304	963	98		324	1	14				i
Lane Width	•			.0	112.0		2.0				i
RTOR Vol	111.0	11.0	,	2			0				i
		····		,							
Duration	0.25	Area		l other							
Phase Comb	ination	1 2	signa 3	ıl Operat 4 I	TOHS	5	 6			8	
EB Left	THACTOR	P A	5	I NB	Left	P	•	,		-	
Thru		P A		140	Thru	•					
Right		L W		i i	Right	Р					
Peds				1	Peds	-					
WB Left				l SB	Left						
Thru		P		1	Thru						
Right		P		i i	Right						
Peds		_		i	Peds						
NB Right				EB	Right						
SB Right				WB	Right						
Green		40.0 10.0)	,		25.0					
Yellow		4.0 4.0				4.0					
All Red		1.0 1.0				1.0					
						Cycl	e Leng	th: 9	90.0		secs
			ction Pe	erformanc							
Appr/ La	ne	Adj Sat	Rati	Los	Lane G	roup	Appr	oach			
Lane Gr	oup	Flow Rate	<u></u>								
Grp Ca	pacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS			
Eastbound											
	59	1675	0.92	0.62	80.4	F					
	055	1695	0.99	0.62	55.6	E	61.5	\mathbf{E}			
	•	_ 000									
Westbound											
TR 8	21	1802	1.37	0.46	196.2	F	196.2	F			
Northbound											
	29	1832	0.65	0.29	57.0	Ε					
		4.000	0 00	0.00	22.6	C	53.9	D			
	73	1639	0.08	0.29	23.6	С					
Southbound											

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD10

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY NB RAMPS

D/ W DC: 100	JULI 202	., 55				14, 5	00. 1.		~ ~				
			SIGN	IALIZE	ED INT	ERSE	CTION S						
	Eas	stbound	_	West	bounc	ł	Nort	hbou	nd	Sout	hbo	und	
	L	T R		L	T	R	L	T	R	L	T	R	
No. Lanes		1 0		0	1	0	 1	0	1	0	0	0	
LGConfig	L _	T	1		TR		L		R				ĺ
Volume	93	842	í	8		4	129		85				ĺ
Lane Width	•		i		11.0		12.0		12.0 j				i
RTOR Vol			j		1	L	ĺ		67 Î				ĺ
Duration	0.25	Are	a Ty	/pe: 1	All ot	her	areas						A
SECURE VICTOR OFFICE VICTOR STORE SPACE STORY SOUTH LANGE AND				Sign	nal Op								
Phase Comb	oinatior	n 1 2	2	3	4			5	6	7		8	
EB Left		P F				NB	Left	A					
Thru		P F	A				Thru						
Right					†		Right	Α					
Peds							Peds						
WB Left						SB	Left						
Thru		P					Thru						
Right		P					Right						
Peds							Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		40.0 10	0.0					25.0					
Yellow		4.0 4.	. 0					4.0					
All Red		1.0 1.	. 0					1.0					
								-	le Len	gth:	90.0		secs
							e Summa						
	ane	Adj Sa		Ra	tios		Lane (Group	App	roach			
	roup apacity	Flow Ra	ice	v/c	g/(-	Delay	LOS	Dela	y LOS			
Eastbound		1.675		0 00	0 4	. .	22.0	C					
	387	1675		0.26			22.9	С	14 0	מי			
T	1055	1695		0.87	0.0	02	13.3	В	14.2	В			
Westbound													
TR 8	824	1808		1.11	0.4	46	88.5	F	88.5	F			
Northbound	۸												
	a 529	1832		0.27	0.2	29	24.8	С					
								C	24.6	5 C			
R Southbound	473 d	1639		0.04	0.2	29	23.1	С					
Sociasoun	~												

Intersection Delay = 47.5 (sec/veh) Intersection LOS = D

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMBD10

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY NB RAMPS

			SIG	SNALIZ	ZED IN	ITERSE	CTION S	SUMMAF	RΥ				
	Eas	tboun	d	Wes	tbour	nd	Nort	hbour	nd	Sou	thbou	nd	
	L	Т	R	L	\mathbf{T}	R	L 	T	R	L	Т	R	
No. Lanes	<u> </u>	1	i	0	1	0	1	0	1	0	0	0	
LGConfig	L	T	I		TR		L		R				
Volume	1324	959	I		939	84	731	3	373				1
Lane Width	11.0	11.0	I		11.0		12.0		.2.0				*
RTOR Vol	1					4	1	3	27				
Duration	0.25		Area 1			other Operat							
Phase Combi	nation	. 1	2	3	911a1 () Derac	TO112	5	6	<u>-</u> -	8		
EB Left	IIA CIOI	P	A	9	7.	NB	Left	Ã	Ŭ	·			
Thru		P	A			142	Thru						
Right		_	**			i	Right	А					
Peds						i	Peds						
WB Left						, SB	Left						
Thru		P				1	Thru						
Right		P				1	Right						
Peds							Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		40.0	10.0					25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
								_	le Len	gth:	90.0		secs
							e Summa						
Appr/ Lan Lane Gro			Sat Rate	Rā	atios		Lane (Group	App	roach	Ţ		
	acity		s)	v/c	g.	/C	Delay	LOS	Dela	y Los	3		
Eastbound													*****
L 35		167		0.98		.62	64.3	E	25 0				
т 10	55	169	5	0.99	9 0	.62	26.2	С	35.8	B D			
Westbound													
TR 81	. 8	179	6	1.30	0 0	.46	227.1	F	227.	1 F			
Northbound													
L 52	.9	183	2	1.53	3 0	.29	282.1	F	218.	3 F			
R 47 Southbound	'3	163	9	0.58	8 0	.29	28.5	С					

Year :

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR

Project ID: 1646SATBD10 E/W St: ROUTE 202/35

N/S St: TACONIC STATE PKWY. NB RAMPS

	l Eas	tbour	nd	We	stbou	and	Nor	thbo	und	So	uthbo	und	
	Ĺ	T	R	L	T	R	L	\mathbf{T}	R	L	T	R	
No. Lanes		1	0	_	1	0	$-\frac{1}{1}$	0	1	' - 0	 0	0	¹
LGConfig	L	${f T}$			T	3.	L		R	1			
Volume	374	1087		1	1110	50	421		114				ļ
Lane Width	111.0	11.0		Ì	11.0)	12.0		12.0	1			
RTOR Vol	İ			Ì		2	}		79	l			
Duration	0.25		Area	Type:	All	other	areas						
				Si	.gnal	Opera	tions						
Phase Combi	inatior	1 1	2	3	4	4		5	6	7		8	

Dur	ation	0.25		Area T	ype: A	All ot	her	areas				
					Sigr	nal Op	erat	ions				
Pha	se Combi	nation	1	2	3	4			5	6 7	8	
EB	Left		P	A		***	NB	Left	A			
	Thru		P	A		1		Thru				
	Right					1		Right	A			
	Peds					1		Peds				
WB	Left					1	SB	Left				
	Thru		P			1		Thru				
	Right		P			1		Right				
	Peds					1		Peds				
NB	Right					1	EΒ	Right				
SB	Right					1	WB	Right				
Gre	~		40.0	10.0					25.0			
Yel	low		4.0	4.0					4.0			
	Red		1.0	1.0					1.0			
									Cycle	Length:	90.0	secs

						CACT	е Lengt	.n: 90.0	secs
		Intersec	tion Pe	erforman	ce Summa	ry			
Appr/		Adj Sat	Rat:	ios	Lane G	roup	Appro	ach	
Lane	Group	Flow Rate							
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS	
Eastbo	und								
L	359	1675	1.13	0.62	99.2	F			
T	1055	1695	1.12	0.62	64.4	Ε	73.3	E	
Westbo	und								
TR	821	1803	1.53	0.46	273.5	F	273.5	F	
Northb	ound								
L	529	1832	0.85	0.29	41.7	D	40.3	D	
R Southb	473 ound	1639	0.08	0.29	23.3	С	40 . 5	.,	

Intersection Delay = 144.1 (sec/veh) Intersection LOS = F

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD10 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY NB RAMPS

E/W SC. K	00111 202	755				N/ O	DC. 11	1001110	Q 4444 E	111111		.,_	
							CTION S				<u> </u>		
	Eas L	tboun T	a I R	wes L	tbour T	na R	L	hbound T F		Sout	.noot T	ana R	}
	 111	1	1	بند	1	10	1	1	` "		*		i
No. Lanes	i 1	1	0 i	0	2	0	1	0 1		0	0	0	
LGConfig	L	T	1		TR		L		R				1
Volume		842	1		829	14	1129	85					1
Lane Widt	h 11.0	11.0	ļ		11.0	1	112.0		2.0				
RTOR Vol			I			1	1	67	/ 1				l
Duration	0.25		Area T							***************************************			
Phase Com	hination			Sig 3	ynaı (4	Operat	ions	- 5	<u>-</u>	-		 }	
EB Left	DINACION	P	Z A	3	4	I NB	Left	A	O	,	,	,	
Thru		P	A			I	Thru	**					
Right		*	••			i	Right	A					
Peds						İ	Peds						
WB Left						SB	Left						
Thru		P				1	Thru						
Right		P				1	Right						
Peds						1	Peds						
NB Right						EB	Right						
SB Right		40 0	10 0			WB	Right	25.0					
Green Yellow		40.0	10.0					4.0					
All Red		1.0	1.0					1.0					
All Rea		1.0	1.0						e Leng	th: 9	0.0		secs
		In	tersec	tion	Perf	ormanc	e Summa	_					
Appr/ L	ane	Ādj	Sat	Rá	atios		Lane (Group	Appr	oach			
	roup		Rate										
Grp C	apacity	(s)	v/c	g.	/C	Delay	LOS	Delay	LOS			
Eastbound													
	465	167		0.22		.62	13.6	В					
T	1055	169	5	0.8	7 0	.62	13.3	В	13.3	В			
Westbound													
TR	1568	344	1	0.58	3 0	.46	16.4	В	16.4	В			
Northboun	.d												
	529	183	2	0.2	7 0	.29	24.8	С	04.6	~			
	473	163	9	0.0	4 0	.29	23.1	С	24.6	С			
Southboun	.d												

Intersection Delay = 15.5 (sec/veh) Intersection LOS = B

Inter.: ROUTE 202/35 & TACONIC NB RAMP Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2013 BUILD TRAFFIC VOLUMES - I

Date: 2/12/11 Period: PM PEAK HOUR Year :

Project ID: 1646PMBD10 - WITH IMPROVEMENTS

MIC CH. MACONIC CHAMP DESTV ME DAMPS

E/W St: ROU	TE 202/	35				N/S	St: TA	CONIC	STAI	E PKV	YY NB	RAM	PS
			SIG	NALIZ	ZED IN	NTERSE	CTION S	SUMMAF	RΥ				
	East	bound			tbour			hbour		Sot	ıthbo	und	Ī
		Т	R I	L	T	R	L	Т	R	L	T	R	
No. Lanes	1	1	- 0 i	0	2	0	1 1	0	1 i	0	0	0	
LGConfig	L	T	1		TR		L		R				
Volume	1324 9	59			939	8 4	731		373				1
Lane Width	11.0 1	1.0	İ		11.0		12.0		L2.0				1
RTOR Vol	I		I			8	1		78				I
Duration	0.25	<i>I</i>	Area T			other					****		
Phase Combi	nation	1	2	Sig 3		Operat 	TOUS	<u></u>	6	- 7		 8	
EB Left	.iia CIOII	P	A	~	1	NB	Left	A	Ū	,		•	
Thru		P	A				Thru	**					
Right		-	4.1			i	Right	A					
Peds						i	Peds						
WB Left						SB	Left						
Thru		P					Thru						
Right		P				Í	Right						
Peds						i	Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green	3	3.0	10.0					32.0					
Yellow	4	. 0	4.0					4.0					
All Red	1	.0	1.0					1.0					
							a	_	le Le	ngth:	90.0		secs
							e Summa Lane (oroac			
Appr/ Lan		_	Sat	Ro	atios		Lane	aroup	API	oroac.	Li		
Lane Gro	oup acity		Rate s)	v/c	a	7 c	Delay	LOS	Dela	ay LO	 S		
orb oab			- , 							<u>.</u>		*****	a manuse winner manuse receive Addings.
Eastbound													
L 35		1679		0.95		.54	39.9	D					
Т 92	23	1695	ō	1.09	9 0	.54	49.8	D	47.	3 D			
Westbound													
TR 12	91	3418	3	0.82	2 0	.38	26.8	С	26.	8 C			
Northbound													
L 70		183	2	1.16	6 0	.38	113.8	F	6.7	, –			
R 60	11	1639	9	0.55	5 0	.37	23.2	С	87.	7 F			
Southbound	, <u></u>	100	-		- •			-					

Intersection Delay = 54.2 (sec/veh) Intersection LOS = D

Agency: JCE Area Type: All other areas

Date: 2/13/11 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year : Project ID: 1646SATBD10 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PKWY NB RAMPS

							CTION S			,		hh-	und	
	•	bound			tbour		•	hbou		•		oan T		
	L	T	R	L	T	R	L	T	R	L		1	R	
No. Lanes	' <u>1</u>	1	 _¦	0	2	0	\	0		¦	0	0	0	¦
LGConfig	L	T	·	ŭ	TR	· ·	L	_	R	i				1
Volume		.087	1		1110	50	421		114	1				ĺ
Lane Width	•		1		11.0	00	112.0		12.0	ì				i
RTOR Vol		0			11.0	4			59	Ì				i
Duration	0.25	A	rea T	ype:	A11 c	ther	areas			· ···· ····				
)perat	ions							
Phase Combi	.nation	1	2	3	4			5	6		7		8	
EB Left		P	A			NB	Left	A						
Thru		P	A			1	Thru							
Right						1	Right	A						
Peds							Peds							
V B Left						SB	Left							
Thru		P					Thru							
Right		P					Right							
Peds							Peds							
NB Right						EB	Right							
SB Right						WB	Right							
Green			12.0					23.0)					
Yellow			4.0					4.0						
All Red	1	0	1.0					1.0	_		_			
		T +			D -		a Cumma	_	cle Le	ngth	: 9	0.0		sec
		Int Adj	ersec			ormano	e Summa Lane (ch			
Appr/ Lar		Flow		r/a	ICTOS		name (3r Out	, vb	prod	.011			
Lane Gro Grp Cap	oup pacity	riow (s		v/c	g,	/C	Delay	LOS	Del	ay L	os			
												· · · · · · · · · · · · · · · · · · ·		
Eastbound	\ C	1 675		1 00		61	510	D						
Eastbound		1675		1.03		. 64	54.8	D	<i>1</i> O	Λ	ח			
Eastbound	96 192	1675 1695		1.03		. 64 . 64	54.8 46.2	D D	48.	4	D			
Eastbound									48.	4	D			
Eastbound E 39 F 10					3 0				48. 27.		D C			
Eastbound L 39 T 10 Westbound TR 15	992	1695 3431		0.80	0	. 46	27.8	D C						
Eastbound L 39 F 10 Westbound	992	1695		1.08	0	.64	46.2	D		8				

Intersection Delay = 41.0 (sec/veh) Intersection LOS = D

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD10 - WITH ADDITIONAL IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY NB RAMPS

<i>27</i> ~ 0 .	IOOID ZOZ		C117 T T T T T T	, ~	CONTON C		,				
	I Pac			O INTERSE bound		thbound		Sout	hhai	un d	<u>.</u>
	Las	tbound T R		r R	L			L	T	R	i
	ا ب	7 1/	1		1	т ,	·	L.		11	
No. Lane	s	1 0	i 0	2 0	2	0 :	;	 0	0	0	· '
LGConfig	•	T	ı	TR	L		R	Ť	•	•	Ì
Volume	193	842	i 82	29 14	129	8	-				i
Lane Wid	•		•	1.0	12.0		2.0				i
RTOR Vol			1	1		6′	7				1
 Duration	0.25	Area	Type: Al	ll other	areas						
			Signa	al Operat	ions						
Phase Co	mbinatior	1 2	3	4		5	6	7		8	
EB Left		P A		NB		Α					
Thru		P A		I	Thru						
Righ				l	Right	A					
Peds				1	Peds						
WB Left		_		SB	Left						
Thru		P		-	Thru						
Righ		P		Market Land	Right						
Peds				ממו	Peds						
NB Righ SB Righ				EB WB	Right Right						
Green		40.0 10.0		i MD	Kigiic	25.0					
Yellow		4.0 4.0				4.0					
All Red		1.0 1.0				1.0					
7122 1100						Cycl	e Leng	th: 9	90.0		secs
		Interse	ction Pe	erformano	e Summa	ary					
Appr/	Lane	Adj Sat		ios	Lane (Group	Appr	oach			
	Group	Flow Rate									
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS			
Eastboun								···· ··· ··· ··· ··· ··· ··· ··· ·		······································	
L	465	1675	0.22	0.62	13.6	В					
T	1055	1695	0.87	0.62	14.4	В	14.3	В			
Westboun	.d										
TR	1568	3441	0.58	0.46	16.4	В	16.4	В			
Northbou	.nd										
L	1028	3558	0.14	0.29	23.7	С					
R	473	1639	0.04	0.29	23.1	С	23.6	С			
Southbou		1000	0.04	0.43	20.1	C					

Intersection Delay = 16.0 (sec/veh) Intersection LOS = B

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year : Project ID: 1646PM10 - WITH ADDITIONAL IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY NB RAMPS

			STG	: NI	ED TN	TERSE	CTION S	I A MMU F	3 Y				
	l Eas	tboun			tboun			thbour		Sout	hbou	ind	
	L	Т	R I	L	Т	R	L	Т	R	L	Т	R	
No. Lanes LGConfig	 L	1 T	0 I	0	2 TR	0	 2 L	0	1 R	0	0	0	
Volume	324	959	i			84	731		373				
Lane Width RTOR Vol	111.0	11.0	manager dadaplan		11.0	8	12.0		12.0 78				
Duration	0.25		Area T		All o					*****			
Phase Combi	nation	ı 1	2	3	4			5	6	7	1	8	
EB Left		P	A			NB	Left	P					
Thru		P	A			İ	Thru						
Right Peds						 	Right Peds	P					
WB Left						SB	Left						
Thru		P				!	Thru						
Right		P					Right						
Peds						!	Peds						
NB Right						EB	Right						
SB Right		40.0	100			WB	Right	25 0					
Green		40.0	10.0					25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0 Cyc	le Len	gth:	90.0		secs
						rmanc	e Summ						
Appr/ Lan	ıe		Sat	Ra	tios		Lane (Group	App	roach			
Lane Gro	-		Rate			. –							
Grp Cap	acity	(s)	v/c	g/	'C	Delay	LOS	Dela	y LOS			
Eastbound													
L 42	20	167	5	0.84	0.	62	38.9	D					
T 10)55	169	15	0.99	0.	62	23.8	С	27.6	С			
Westbound													
TR 15	557	341	. 8	0.68	3 0.	46	17.5	В	17.5	В			
Northbound		255	0	0.70	. ^	2.0	25 7	Б					
L 10	28	355	8	0.79	, O.	29	35.7	D	35.9	D			
R 47 Southbound	13	163	39	0.69	0.	29	36.6	D					

Intersection Delay = 27.3 (sec/veh) Intersection LOS = C

Agency: JCE Area Type: All other areas

Date: 2/14/11 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATBD10 - WITH ADDITIONAL IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: TACONIC STATE PARKWAY NB RAMPS

			STG	NALT <i>T</i>	ED IN	ITERSE	CTION S	SUMMARY	ζ				
	l Fas	tboun			tbour			hbound		Sout	hbo	ınd	
	L	Т	R	L	T	R	L		. , R]		Т	R	
No. Lanes	1 1	1	0	0	2	0	2	0 1	'_	0	0	0	
LGConfig	L	Т	1		TR		L	4.0	R				
Volume		1087	!				421		14				1
Lane Width	11.0	11.0	!		11.0		12.0		2.0				1
RTOR Vol						4		8(ו ע				I
Duration	0.25		Area T			ther perat							
Phase Combi	nation	1	2	3	4			5	6	7		8	
EB Left		P	P			NB	Left	P					
Thru		P	P				Thru						
Right						1	Right	P					
Peds							Peds						
WB Left						SB	Left						
Thru		A				1	Thru						
Right		A					Right						
Peds							Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		37.5	17.5					20.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
							_		e Leng	th: S	90.0		secs
		-				ormanc	e Summa						
Appr/ Lar			Sat	Rā	atios		Lane	Group	Appr	oacn			
Lane Gro	-		Rate	,- -			D = 1 =	T 0 0	Dolo				
Grp Cap	oacity	(s)	v/c	g,	/C	Delay	LOS	Delay	TOS			
Eastbound												**************	
L 49	99	167	5	0.82	2 0	.68	40.1	D					
т 11	149	169	5	1.03	3 0	.68	36.9	D	37.7	D			
Westbound													
TR 14	468	343	1	0.8	6 0	.43	23.2	С	23.2	С			
Northbound													
T 83	30	355	8	0.5	4 0	.23	32.8	С	32.4	С			
R 38 Southbound		163	19	0.0	9 0	.23	27.5	С	J4.4				

Intersection Delay = 31.4 (sec/veh) Intersection LOS = C

Analyst: RGD

Agency: JCE

Date: 2/15/2011 Period: AM PEAK HOUR

Project ID: 1646AMEX11 E/W St: ROUTE 202/35

Inter.: ROUTE 202/35 & STRANG BLVD

Area Type: All other areas

Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Year :

N/S St: STRANG BOULEVARD

							CTION S							
	•	tboun			bour		•	hbou		l S l L		hbo T		
	L	T	R	L	\mathbf{T}	R	L	Т	R	±		T	R	l
No. Lanes	' 5	1	'		1	0	i 0	0	0	'	1	0	1	'
LGConfig	i L	${f T}$	į		TR					L			R	1
Volume	1140	708	1		513	16	1			4			134	ļ
Lane Widt	th 12.0	13.0	1		11.0	_	!			110.	0		10.0	
RTOR Vol						0							107	ı
Duration	0.25		Area T											
Phase Com	nbination	 1		<u>srg</u> .	1a ± (Operat 	TOILS	 -	6		7		8	
EB Left		A	P	Ū	-	NB	Left							
Thru		A	P			I	Thru							
Right	t					I	Right							
Peds							Peds	73						
WB Left			ъ			SB	Left	A						
Thru Right	-		P P			1	Thru Right	Α						
Peds	L		E			i	Peds	21						
	+					, EB	Right							
NB Riaht	_													
-		Α				WB	Right							
SB Right Green		15.0	35.0			WB	Right	25.0						
SB Right Green Yellow		15.0 4.0	4.0			WB	Right	4.0						
SB Right Green Yellow		15.0				WB	Right	4.0		natk	, (an n	e	6 09
SB Right Green Yellow		15.0 4.0 1.0	4.0	ction	Perf	·	2	4.0 1.0 Cyc	le Le	ngth	n: 9	90.0	s	ecs
SB Right Green Yellow All Red Appr/ I	Lane	15.0 4.0 1.0 —In Adj	4.0 1.0 tersec		Perf tios	·	Right e Summa Lane (4.0 1.0 Cyc ary	le Le	ngth proa		90.0	S	ecs
SB Right Green Yellow All Red Appr/ I	Lane Group	15.0 4.0 1.0 In Adj	4.0 1.0 tersec Sat Rate	Ra 	tios	ormanc	e Summa	4.0 1.0 Cyc ary Group	le Le	proa	ach	90.0	s 	ecs
SB Right Green Yellow All Red Appr/ I	Lane	15.0 4.0 1.0 In Adj	4.0 1.0 tersec		tios	·	e Summa	4.0 1.0 Cyc ary Group	le Le	proa	ach	90.0	S	ecs
SB Right Green Yellow All Red Appr/ L Lane G Grp C	Lane Group Capacity	15.0 4.0 1.0 In Adj Flow	4.0 1.0 tersec Sat Rate s)	Ra v/c	tios g	ormanc 70	e Summa Lane (Delay	4.0 1.0 Cycary Group	le Le	proa	ach	90.0 	s	ecs
SB Right Green Yellow All Red Appr/ I Lane G Grp C Eastbound	Lane Group Capacity	15.0 4.0 1.0 In Adj Flow (4.0 1.0 tersec Sat Rate s)	Ra v/c 0.33	tios g. 0	ormanc /C 	e Summa Lane (Delay	4.0 1.0 Cycary Group LOS	le Le	proa	ach LOS	90.0 	S	ecs
SB Right Green Yellow All Red Appr/ I Lane G Grp C Eastbound	Lane Group Capacity	15.0 4.0 1.0 In Adj Flow	4.0 1.0 tersec Sat Rate s)	Ra v/c	tios g. 0	ormanc 70	e Summa Lane (Delay	4.0 1.0 Cycary Group	le Le	proa	ach	90.0	S	ecs
SB Right Green Yellow All Red Appr/ I Lane G Grp C Eastbound L	Lane Group Capacity d 454 1186	15.0 4.0 1.0 In Adj Flow (4.0 1.0 tersec Sat Rate s)	Ra v/c 0.33	tios g. 0	ormanc /C 	e Summa Lane (Delay	4.0 1.0 Cycary Group LOS	le Le	proa	ach LOS	90.0	S	ecs
SB Right Green Yellow All Red Appr/ I Lane G Grp C Eastbound	Lane Group Capacity d 454 1186	15.0 4.0 1.0 In Adj Flow (182 190	4.0 1.0 tersec Sat Rate s)	Ra v/c 0.33 0.65	tios g. 0	ormanc /C .62 .62	e Summa Lane (Delay	4.0 1.0 Cycary_ Group LOS	le Le App	proa ay I	ach LOS	90.0	S	ecs
SB Right Green Yellow All Red Appr/ I Lane G Grp C Eastbound L T	Lane Group Capacity d 454 1186	15.0 4.0 1.0 In Adj Flow (182 190	4.0 1.0 tersec Sat Rate s)	Ra v/c 0.33 0.65	tios g. 0	ormanc /C .62 .62	e Summa Lane (Delay 13.1 23.3	4.0 1.0 Cycary_ Group LOS	le Le App	proa ay I	ach LOS	90.0	S	ecs
SB Right Green Yellow All Red Appr/ L Lane G Grp C Eastbound L T Westbound	Lane Group Capacity d 454 1186	15.0 4.0 1.0 In Adj Flow (182 190	4.0 1.0 tersec Sat Rate s)	Ra v/c 0.33 0.65	tios g. 0	ormanc /C .62 .62	e Summa Lane (Delay 13.1 23.3	4.0 1.0 Cycary_ Group LOS	le Le App	proa ay I	ach LOS	90.0	S	ecs
SB Right Green Yellow All Red Appr/ L Lane G Grp C Eastbound L T Westbound	Lane Group Capacity d 454 1186 d 703	15.0 4.0 1.0 In Adj Flow (182 190	4.0 1.0 tersec Sat Rate s)	0.33 0.65	0 0	0rmanc 7C .62 .62	e Summa Lane Good Delay	4.0 1.0 Cycary_Group LOS B C	le Le App	proa ay I	ach LOS	90.0	S	ecs
SB Right Green Yellow All Red Appr/ I Lane G Grp C Eastbound L T Westbound TR Northboun	Lane Group Capacity 454 1186 d 703	15.0 4.0 1.0 In Adj Flow (182 190	4.0 1.0 tersec Sat Rate s)	0.33 0.65	0 0	0rmanc 7C .62 .62	e Summa Lane (Delay 13.1 23.3	4.0 1.0 Cycary_Group LOS B C	Del	proa ay I	ach Los C	90.0	S	ecs
SB Right Green Yellow All Red Appr/ L Lane G Grp C Eastbound L T Westbound TR Northboun Southboun	Lane Group Capacity d 454 1186 d 703	15.0 4.0 1.0 In Adj Flow (182 190	4.0 1.0 tersec Sat Rate s)	Ra v/c 0.33 0.65 0.97	0 0	ormanc /C .62 .62	e Summa Lane (4.0 1.0 Cycary_Group LOS D	Del	proa ay I	ach Los C	90.0	S	ecs

Inter.: ROUTE 202/35 & STRANG BLVD Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2010 EXISTING TRAFFIC VOLUMES Date: 1/18/2011 Period: PM PEAK HOUR

Year :

Project ID: 1646PMEX11 N/S St: STRANG BOULEVARD E/W St: ROUTE 202/35

1, 55. 1.55		, 00				,							
	······						CTION :						
	•	tboun	,		tbou		-	thboun T	a R	L	outhb T	ouna R	1
	l L	T	R	L	T	R	L	T	K	ш	T	Λ	1
No. Lanes LGConfig Volume Lane Width RTOR Vol	1 L 170 12.0	1 T 945 13.0	0 	0	1 TR 714 11.0	0 15 0	; 0 	0		L 26 10.	1 0 0	1 107 10. 62	7
Duration	0.25		Area T			other Operat							***************************************
Phase Combi	nation	1	2	3	4	_		 5	6		7	8	***************************************
EB Left		A	P	_		, NB	Left						
Thru		A	P				Thru						
Right							Right						
Peds							Peds						
WB Left			D			SB	Left	A					
Thru			P P			l	Thru Right	Α					
Right Peds			Г				Peds	<i>F</i> 3					
NB Right						EB	Right						
SB Right		A				WB	Right						
Green		15.0	35.0					25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0	.e Ler	a or to b	. 00	0	secs
		Tn	targac	rtion	Parf	ormanc	e Summ	_		.19 С.11	. 50.	U	2602
Appr/ Lan			Sat		tios			Group		 proa	ch		
Lane Gro		_	Rate					-		· 			
	acity	(v/c	g	7 c	Delay	LOS	Dela	ау L	OS		
Eastbound	n amore waster reason moved beautif					***************************************							
L 41		182		0.44		.62	13.2	В		_			
T 11	.86	190	6	0.87	7 0	.62	18.2	В	17.	5	В		
Westbound													
TR 70	13	175	8	1.13	3 0	.40	101.4	F	101	. 4	F		
Northbound													
Southbound													
L 48	2	166	8	0.06	5 O	.29	23.2	С					
	-	_ • • •			Ť	•			15.	6	В		
R 76			3			.51							
In	tersec	tion	Delay	= 49.	. 3 (sec/ve	h) I	nterse	ection	n LC)S = I)	

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATEX11

			SIG	NALIZE	ED INTE	ERSE	CTION S	AMMU	RY				
	Ea:	stbound			bound			hbou		So	uthbo	und	
	L	T	R	L	T F	₹	L 	T	R	L	T	R	
No. Lan LGConfi Volume Lane Wi RTOR Vo	g L 133 dth 12.0	1 T 818 13.0	0 		1 (TR 330 31 L1.0		0 	0		L 11 10.0		1 R 76 10.0	
Duratio	n 0.25		Area T	ype: A	All oth	ner (areas						
annes armen annes manuel principal relative deptite					nal Ope	erat.	ions						
	ombination		2	3	4			5	6	7		8	
EB Lef		A	P P		ļ	NB	Left Thru						
Thr Rig		A	P		l I		Right						
Ped					i i		Peds						
WB Lef					i	SB	Left	A					
Thr	ru		P				Thru						
Rig			P		-		Right	Α					
Ped					- !		Peds						
NB Rig SB Rig		A			1	EB WB	Right Right						
Green	11 €	15.0	35.0		1	44 17	Night	25.0					
Yellow		4.0	4.0										
			1.0					4.0					
All Red	l	1.0	1.0					1.0					
All Red	l	1.0	1.0					1.0 Cyc	le Ler	igth:	90.0) se	ecs
		1.0 Int	1.0 tersec			nanc	e Summa	1.0 Cyc ary	***************************************) se	ecs
Appr/	Lane	1.0 Int Adj	1.0 tersec Sat		Perform	manc	e Summa Lane (1.0 Cyc ary	***************************************	gth: roac) se	ecs
		1.0 Int Adj Flow	1.0 tersec			nanc		1.0 Cyc ary Group	App		:h) se	ecs
Appr/ Lane Grp	Lane Group Capacity	1.0 Int Adj Flow (s	1.0 tersec Sat Rate s)	Rat v/c	g/C		Lane (1.0 Cyc ary Group	App	roac	:h) se	ecs
Appr/ Lane Grp Eastbou	Lane Group Capacity Ind 409	1.0 Int Adj Flow (s	1.0 tersed Sat Rate s)	Rat v/c 0.34	g/C g/C	2	Delay	1.0 Cyc ary_ Group LOS	App	roac	h 0S) se	ecs
Appr/ Lane Grp Eastbou	Lane Group Capacity	1.0 Int Adj Flow (s	1.0 tersed Sat Rate s)	Rat v/c	g/C	2	Lane (1.0 Cyc ary Group	App	roac	h 0S) se	ecs
Appr/ Lane Grp Eastbou	Lane Group Capacity and 409 1186	1.0 Int Adj Flow (s	1.0 tersed Sat Rate s)	Rat v/c 0.34	g/C g/C	2	Delay	1.0 Cyc ary_ Group LOS	App	roac	h 0S) se	ecs
Appr/ Lane Grp Eastbou L	Lane Group Capacity and 409 1186	Int Adj Flow (s 1823 1906	1.0 tersec Sat Rate s)	Rat 	g/C 0.62	2	Delay	1.0 Cyc Group LOS B	Apr Dela	proac	sh os) se	ecs
Appr/ Lane Grp Eastbou L T	Lane Group Capacity and 409 1186	Int Adj Flow (s 1823 1906	1.0 tersec Sat Rate s)	Rat 	g/C 0.62	2	Delay 15.4 7.2	1.0 Cyc Group LOS B	Apr Dela	proac	sh os) se	ecs
Appr/ Lane Grp Eastbou L T Westbou	Lane Group Capacity and 409 1186	Int Adj Flow (s 1823 1906	1.0 tersec Sat Rate s)	Rat 	g/C 0.62	2	Delay 15.4 7.2	1.0 Cyc Group LOS B	Apr Dela	proac	sh os) se	ecs
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity and 409 1186 and 702	Int Adj Flow (s 1823 1906	1.0 tersec Sat Rate s)	Rat 	g/C 0.62	2	Delay 15.4 7.2	1.0 Cyc Group LOS B	Apr Dela	proac	sh os) se	ecs
Appr/ Lane Grp Eastbou L T Westbou	Lane Group Capacity and 409 1186 and 702	1.0 Int Adj Flow (s 1823 1906	1.0 tersect Sat Rates)3	0.34 0.73	g/C 0.62	2 2 2	15.4 7.2	1.0 Cyc Group LOS B	Apr Dela	proac	sh os) se	ecs
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity and 409 1186 and 702 and aund 482	1.0 Int Adj Flow (s 1823 1906	1.0 tersec Sat Rates)3	Rate v/c 0.34 0.73 1.30	0.62 0.40	 2 2 2	15.4 7.2	1.0 Cycary_Group LOS BA	Apr. Dela 8.4	proac	os) se	ecs
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity and 409 1186 and 702 aund 482 763	1.0 Int Adj Flow (s 1823 1906 1755	1.0 tersect Sat Rates)3 6	Rate v/c 0.34 0.73 1.30 0.02 0.04	0.62 0.62 0.40	 2 2 2 2	15.4 7.2 174.4	1.0 Cycary_Group LOS BA	App Dela 8.4 174.	proac	os) se	ecs
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity and 409 1186 and 702 and aund 482	1.0 Int Adj Flow (s 1823 1906 1755	1.0 tersect Sat Rates)3 6	Rate v/c 0.34 0.73 1.30 0.02 0.04	0.62 0.62 0.40	 2 2 2 2	15.4 7.2 174.4	1.0 Cycary_Group LOS BA	Apr. Dela 8.4	proac	os) se	ecs

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMNB11

			SIG	SNALIZE	DIMIE	これったい	CITION S	SUMMAI	RΥ				
	•	stbour			bound		•	hbou	,		ıthbo		1
	L	T	R	L	T R	2	L	T	R	L	T	R	
No. Lan	es		<u>-</u> '	0	1 0)	¦	0	- ¦		0	<u>_</u>	- 1
LGConfi		T			TR		1		İ	L		R	
Volume	[150	771	1	6	72 17	'				4		143	1
Lane Wi	dth 12.0	13.0	ļ	1	1.0		1			10.0		10.0	1
RTOR Vo	1		ļ		1		ļ		1			85	1
 Duratio	n 0.25		Area T	'ype: A	ll oth	er a	areas			·			
					al Ope	rat:	ions					_	
	ombination		2	3	4	MD	T - 61-	5	6	7		8	
EB Lef		A	P P		!	NB	Left						
Thr		A	Р				Thru						
Rig Ped					1		Right Peds						
WB Lef					1	SB	Left	A					
ws Ler Thr			P		1	مد	Thru	А					
Rig			P P		1		Right	A					
Ped			r		1		Peds	ĽΊ					
NB Rig					j I	EB	Right						
SB Rig		A			l I	WB	Right						
oreen	110	15.0	35.0		ı	WD	Right	25.0					
Yellow		4.0	4.0					4.0					
All Red		1.0	1.0					1.0					
	•								la Tar	igth:	90.0) se	ecs
								_	те пет	- 5			
	Lana			ction P		nanc		ary					
	Lane Group	Ādj	Sat		erform ios	nanc	e Summa Lane (ary		roach			
Lane	Lane Group Capacity	Adj Flow				nanc		ary Group	 App		ì		adah hilimbiy sahiyang ayaya
Lane Grp	Group Capacity	Adj Flow	Sat Rate	Rat	ios	nanc	Lane (ary Group	 App	roach	ì		
Lane Grp Eastbou	Group Capacity nd	Adj Flow (Sat Rate (s)	Rat v/c	ios g/C		Lane (ary Group	 App	roach	ì		
Lane Grp Eastbou L	Group Capacity	Adj Flow	Sat Rate (s) 	Rat	ios		Lane (aryGroup	 App	oroach	ì		alah bindap uningan pupul
Lane Grp Eastbou L	Group Capacity nd 432 1186	Adj Flow (Sat Rate (s) 	Rat v/c 0.38	ios 		Delay	aryGroup	Apr ————————————————————————————————————	oroach	ì		and American representations of the American Ame
Lane Grp Eastbou L T	Group Capacity nd 432 1186	Adj Flow (182 190	Sat Rate (s) 	Rat v/c 0.38 0.71	ios)	Delay 14.0 25.0	Eroup LOS B C	Apr Dela	oroach	ì		and American September 1990
Lane Grp Eastbou L T	Group Capacity nd 432 1186	Adj Flow (182 190	Sat Rate (s) 	Rat v/c 0.38 0.71	ios)	Delay	Eroup LOS B C	Apr Dela	oroach	ì		
Lane Grp Eastbou L T Westbou	Group Capacity nd 432 1186 nd	Adj Flow (182 190	Sat Rate (s) 	Rat v/c 0.38 0.71	ios)	Delay 14.0 25.0	Eroup LOS B C	Apr Dela	oroach	ì		
Lane Grp Eastbou L T Westbou	Group Capacity nd 432 1186 nd	Adj Flow (182 190	Sat Rate (s) 	Rat v/c 0.38 0.71	ios)	Delay 14.0 25.0	Eroup LOS B C	Apr Dela	oroach	ì		
Lane Grp Eastbou L T Westbou TR	Group Capacity nd 432 1186 nd 703	Adj Flow (182 190	Sat Rate (s) 	Rat v/c 0.38 0.71	ios)	Delay 14.0 25.0	Eroup LOS B C	Apr Dela	oroach	ì		
Lane Grp Eastbou L T Westbou TR Northbo	Group Capacity nd 432 1186 nd 703	Adj Flow (182 190	Sat Rate (s)	Rat v/c 0.38 0.71	ios)	Delay 14.0 25.0	Eroup LOS B C	Apr Dela 23.2	oroach	ì		
Lane Grp Eastbou L T Westbou TR Northbo Southbo	Group Capacity nd 432 1186 nd 703	Adj Flow (182 190	Sat 7 Rate (s) 	Rat v/c 0.38 0.71 1.06	ios)	14.0 25.0 80.8	Eroup LOS B C	Apr Dela	oroach	ì		
Appr/ Lane Grp Eastbou L T Westbou TR Northbo Southbo L	Group Capacity nd 432 1186 nd 703 und und 482	Adj Flow (182 190 175	Sat 7 Rate 7 Sat 7 Rate 83 96	0.38 0.71 1.06	ios g/C 0.62 0.62 0.40)	14.0 25.0 80.8	Eroup LOS B C F	Apr Dela 23.2	oroach Ay LOS C F	3		

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMNB11

			SIG	NALIZE	D INTERS	ECTION S	SUMMAI	RY					
	Ea:	stbound			bound		thbour	*****	5	Sout	hbo	und	Ī
	L	Т	R	L	T R	L	T	R	L		Т	R	
No. Lane		1 T	0	0	1 0 TR	- i 0	0	0	, L	1	0	1 R] I
Volume	1185	1070	1	۶	27 16	1			128			118	,
	dth 12.0		1		1.0	1			10.	. 0		10.0	I
RTOR Vol	1		1		0	+			l			38	1
Duration	n 0.25	A	rea T		ill other								
Phase Co	ombination	 1 1	_ 	3	ar Opera 4	CTOH2		6	***	7		 8	
EB Left		P	P	Ŭ	NB	Left	-						
Thru		P	P		-	Thru							
Rigl						Right							
Peds						Peds							
WB Left			ъ		SB	Left Thru	А						
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Peds			1.		i	Peds	**						
NB Righ					, EB								
SB Righ		Α			WB	Right							
Green			35.0				25.0						
Yellow		1 0											
			4.0				4.0						
All Red			1.0				1.0	le Tei	nath	1 • (90.0	S.A.	C S
		1.0	1.0	tion I	erforman?	ce Summ	1.0 Cyc	le Le	ngtl	n: !	90.0	se	cs
All Red Appr/	Lane	1.0 Int Adj	1.0 ersec Sat		Performan	ce Summ Lane	1.0 Cyc ary		ngtl proa		90.0	se	cs
All Red Appr/ Lane	Lane Group	1.0 Int Adj Flow	1.0 ersec Sat Rate	Rat	ios	Lane	1.0 Cyc ary Group	 qA	proa	ach	90.0 	se	cs
All Red Appr/	Lane	1.0 Int Adj	1.0 ersec Sat Rate				1.0 Cyc ary Group		proa	ach	90.0	se:	cs
All Red Appr/ Lane Grp Eastbour	Lane Group Capacity	1.0 Int Adj Flow (s	1.0 cersec Sat Rate	Rat v/c	g/C	Lane Delay	1.0 Cyc ary_ Group LOS	 qA	proa	ach	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour L	Lane Group Capacity nd 409	1.0 Int Adj Flow (s	1.0 cersec Sat Rate s)	Rat v/c 0.49	g/C 0.62	Lane Delay	1.0 Cyc ary_ Group LOS	App	proa	ach LOS	90.0	se	cs
All Red Appr/ Lane Grp Eastbour L	Lane Group Capacity nd 409 1186	1.0 Int Adj Flow (s	1.0 cersec Sat Rate s)	Rat v/c	g/C	Lane Delay	1.0 Cyc ary_ Group LOS	 qA	proa	ach	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour L	Lane Group Capacity nd 409 1186	1.0 Int Adj Flow (s 1823 1906	1.0 cersec Sat Rate s)	Rat 0.49 0.98	0.62 0.62	Lane Delay 16.9 29.8	1.0 Cyc ary_ Group LOS B	App	proa ay l	ach LOS	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour L	Lane Group Capacity nd 409 1186	1.0 Int Adj Flow (s 1823 1906	1.0 cersec Sat Rate s)	Rat 0.49 0.98	g/C 0.62	Lane Delay 16.9 29.8	1.0 Cyc ary_ Group LOS B	App	proa ay l	ach LOS	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour L T	Lane Group Capacity nd 409 1186 nd	1.0 Int Adj Flow (s 1823 1906	1.0 cersec Sat Rate s)	Rat 0.49 0.98	0.62 0.62	Lane Delay 16.9 29.8	1.0 Cyc ary_ Group LOS B	App	proa ay l	ach LOS	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour L T Westbour	Lane Group Capacity nd 409 1186 nd	1.0 Int Adj Flow (s 1823 1906	1.0 cersec Sat Rate s)	Rat 0.49 0.98	0.62 0.62	Lane Delay 16.9 29.8	1.0 Cyc ary_ Group LOS B	App	proa ay l	ach LOS	90.0	se	cs
All Red Appr/ Lane Grp Eastbour L T Westbour	Lane Group Capacity nd 409 1186 nd 703 und	1.0 Int Adj Flow (s 1823 1906	1.0 cersec Sat Rate s)	Rat 	0.62 0.62 0.40	Lane Delay 16.9 29.8	1.0 Cyc ary_ Group LOS B C	App	proa ay l	ach LOS	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour L T Westbour TR Northbor	Lane Group Capacity nd 409 1186 nd 703	1.0 Int Adj Flow (s 1823 1906	1.0 cersec Sat Rate s)	Rat 	0.62 0.62	Lane Delay 16.9 29.8	1.0 Cyc ary_ Group LOS B	App Del. 27.	proa ay] 9	LOS C	90.0	se	cs ———
All Red Appr/ Lane Grp Eastbour T Westbour TR Northbou	Lane Group Capacity nd 409 1186 nd 703 und 482 763	1.0Int Adj Flow (s1823 19061758	1.0 cersec Sat Rate s)	Rate v/c 0.49 0.98 1.30 0.06 0.12	0.62 0.62 0.40	Lane Delay 16.9 29.8 173.6	1.0 Cyc ary_ Group LOS B C	App	proa ay 1 9	LOS C F		se	cs

Inter.: ROUTE 202/35 & STRAND BLVD Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES Date: 2/11/11 Year :

Period: SATURDAY PEAK HOUR

Project ID: 1646SATNB11

N/S St: STRANG BOULEVARD E/W St: ROUTE 202/35

		stbour	nd I		tbound	ECTION Nor	thbou	ind	ī	Sou	thbo	und
	į L	Т	R	L	T R	L	T	R	L		T	R
lo. Lan	nes		0	0	1 0	¦	 -	0	_	1		1
GConfi	'	T			TR	i	-		i L	i		R
olume/	1146	932		'	946 33	i			12			85
Lane Wi	·	13.0			11.0	i			110	.0		10.0
RTOR Vo	•		j		1	Ì						32
uratic	on 0.25		Area T	Type: 2	All other	areas						
				Sign	nal Opera							
	Combinatio		2	3	4	. ~ ~ ~ .	5	6		7		8
EB Lef		P	P		NE							
Thr		P	P		i	Thru						
Rig					!	Right Peds						
Ped VB Lef					 SE		Α					
√B Lef Thr			P		1 27	Thru	n					
Rig			r P			Right	Α					
Ped			E		1	Peds	11					
IB Rig					EI							
AD DEG	1110					-						
		72			: IA/ F	≀ Riorht						
SB Rig		A 15.0	35.0		WI	3 Right)				
SB Rig Green		15.0	35.0 4.0		[W.I	3 Right	25.0 4.0)				
SB Rig Green Yellow	ght		4.0		1W	3 Right	25.0)				
SB Rig Green Kellow	ght	15.0 4.0 1.0	4.0 1.0				25.0 4.0 1.0 Cyc) cle Le	engt	h:	90.0	se
SB Rig Green Cellow	ght I	15.0 4.0 1.0	4.0 1.0 ntersec		Performan	nce Summ	25.0 4.0 1.0 Cyc ary	cle Le				se
SB Rig Green Wellow All Red	tht I Lane	15.0 4.0 1.0	4.0 1.0 ntersections				25.0 4.0 1.0 Cyc ary	cle Le	engt ppro			se
SB Rig Green Yellow All Rec Appr/ Jane	ht I Lane Group	15.0 4.0 1.0 Ir Ad	4.0 1.0 ntersed j Sat v Rate	Ra	Performan tios	nce Summ Lane	25.(4.0 1.0 Cyc ary_ Group	cle Le	ppro	ach		se
SB Rig Green Yellow All Rec Appr/ Jane	tht I Lane	15.0 4.0 1.0 Ir Ad	4.0 1.0 ntersections		Performan tios	nce Summ	25.(4.0 1.0 Cyc ary_ Group	cle Le		ach		se
SB Rig Green Yellow All Rec Appr/ Lane Grp	Lane Group Capacity	15.0 4.0 1.0	4.0 1.0 ntersec j Sat v Rate (s)	Ra v/c	Performantios g/C	nce Summ Lane Delay	25.(4.0 1.0 Cyc ary_ Group LOS	cle Le	ppro	ach		se
SB Rig Green Yellow All Rec Appr/ Lane Grp	Lane Group Capacity	15.0 4.0 1.0 Ir Add Flow	4.0 1.0 ntersec j Sat v Rate (s)	Ra v/c 0.38	Performantios g/C 0.62	nce Summ Lane Delay	25.(4.0 1.0 Cyc ary_ Group LOS	o Ap	ppro	LOS		se
SB Rig Green Yellow All Red Appr/ Lane Grp	Lane Group Capacity	15.0 4.0 1.0	4.0 1.0 ntersec j Sat v Rate (s)	Ra v/c	Performantios g/C 0.62	nce Summ Lane Delay	25.(4.0 1.0 Cyc ary_ Group LOS	cle Le	ppro	ach		se
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity and 409 1186	15.0 4.0 1.0 Ir Add Flow	4.0 1.0 ntersec j Sat v Rate (s)	Ra v/c 0.38	Performantios g/C 0.62	nce Summ Lane Delay	25.(4.0 1.0 Cyc ary_ Group LOS	o Ap	ppro	LOS		se
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou L	Lane Group Capacity and 409 1186	15.0 4.0 1.0 Ir Adj Flow	4.0 1.0 ntersection Sat v Rate (s)	Ra v/c 0.38 0.83	Performantios g/C 0.62 0.62	Lane Delay 17.5 27.0	25.(4.0 1.0 Cyc ary Group LOS B	De 25	pprolay	LOS		se
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity and 409 1186	15.0 4.0 1.0 Ir Adj Flow	4.0 1.0 ntersection Sat v Rate (s)	Ra v/c 0.38 0.83	Performantios g/C 0.62 0.62	Lane Delay 17.5 27.0	25.(4.0 1.0 Cyc ary Group LOS B	De 25	pprolay	LOS		se
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou	Lane Group Capacity and 409 1186	15.0 4.0 1.0 Ir Adj Flow	4.0 1.0 ntersection Sat v Rate (s)	Ra v/c 0.38 0.83	Performantios g/C 0.62 0.62	Lane Delay 17.5 27.0	25.(4.0 1.0 Cyc ary Group LOS B	De 25	pprolay	LOS		se
SB Rig Green (ellow All Red Appr/ Lane Grp Lastbou	Lane Group Capacity and 409 1186 and 702 bund	15.0 4.0 1.0 Ir Adg Flow	4.0 1.0 ntersec j Sat v Rate (s) 23)6	0.38 0.83	Performantios	Delay 17.5 27.0	25.(4.0 1.0 Cyc ary_ Group LOS B C	De 25	pprolay	LOS		se
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou TR Westbou	Lane Group Capacity and 409 1186 and 702 bund	15.0 4.0 1.0 Ir Adg Flow	4.0 1.0 ntersec j Sat v Rate (s) 23)6	0.38 0.83	Performantios g/C 0.62 0.62	Delay 17.5 27.0	25.(4.0 1.0 Cyc ary_ Group LOS B C	De Le	7 1.3	LOS C		se
SB Rig Green Yellow All Red Appr/ Lane Grp Eastbou L	Lane Group Capacity and 409 1186 and 702 bund 482	15.0 4.0 1.0 In Add Flow 182 190	4.0 1.0 ntersection Sative Rate (s)	Ra v/c 0.38 0.83 1.48	Performantios	17.5 27.0	25.(4.0 1.0 Cyc ary Group LOS C	De Le	pprolay	LOS C		se

Inter.: ROUTE 202/35 & STRANG BLVD Analyst: RGD

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Period: AM PEAK HOUR Jurisd: 2013 BUILD TRAFFIC VOLUMES

Year :

Project ID: 1646AMBD11

N/S St: STRANG BOULEVARD E/W St: ROUTE 202/35

		S	IGNALIZED) INTERSE						
	•	stbound	Westb			chbour			thbou	
	l L	T R	L T	R	L	Т	R	L	T	R
No. Lan	es 1	1 0	-	1 0	' <u>-</u>	0	- ¦-	<u>-</u>	0	
LGConfi	,	T	•	TR	İ		i	L		R İ
Volume	150	777	68		1			4		144
Lane Wi		13.0	11	0	<u> </u>		[]	10.0		10.0
RTOR Vo	1			1			1			80
Duratio	n 0.25	Area	Type: Al							,
				ıl Operat	ions			······································		***************************************
Phase C EB Lef	ombination	n 1 2 A P	3	4 NB	Left	5	6	7	8	
Thr		A P		1 140	Thru					
Rig		11 .			Right					
Ped					Peds					
WB Lef	t			SB	Left	A				
Thr		P		I	Thru					
Rig		Þ		1	Right	A				
Ped					Peds					
NB Rig SB Rig		A		EB WB	Right Right					
SB Rig Green	11 C	15.0 35.	0	ם אין	Night	25.0				
Yellow		4.0 4.0				4.0				
All Red	•	1.0 1.0				1.0				
				_		-	le Len	gth:	90.0	secs
Appr/	Lane	Inters Adj Sat	ection Pe Rati		e Summa: Lane (<u></u> ααА	roach		
Lane	Group	Flow Rat					1-1-			
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Dela	y LOS		
Eastbou	nd	***************************************								
L	427	1823	0.38	0.62	14.3	В				
T	1186	1906	0.71	0.62	25.2	C	23.4	С		
Westbou	nd									
	nd 703	1758	1.09	0.40	86.4	F	86.4	F		
TR	703	1758	1.09	0.40	86.4	F	86.4	F		
TR	703	1758	1.09	0.40	86.4	F	86.4	म		
TR Northbo	703 und	1758	1.09	0.40	86.4	F	86.4	न		
TR Northbo Southbo	703 und	1758 1668	0.01	0.40	86.4 22.8	F				
TR Northbo Southbo L	703 und und		0.01	0.29			86.4			
Westbou TR Northbo Southbo L R	703 und und 482 763	1668	0.01	0.29	22.8	C B		В	= D	

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMBD11 E/W St: ROUTE 202/35

N/S St: STRANG BOULEVARD

E/W St: ROUT	'E 202/35	N,	'S St: STRANG	BOOLEVARD
	Eastbound L T R	GNALIZED INTERS Westbound L T R	Northboun	
No. Lanes LGConfig Volume Lane Width RTOR Vol	1 1 0 L T 190 1142 12.0 13.0	0 1 0 TR 899 16 11.0	0 0 0 1 1 1 1 1 1 1	0 1 0 1 R
Duration	0.25 Area	Type: All other Signal Opera		
Phase Combine EB Left Thru Right Peds WB Left Thru Right Peds NB Right SB Right Green Yellow All Red	A P P P P P P P P P P P P P P P P P P P	3 4 NI NI NI NI NI NI NI	5 3 Left Thru Right Peds 3 Left A Thru Right A Peds 3 Right 3 Right 4.0 1.0 Cycl	6 7 8 le Length: 90.0 secs
Appr/ Lane	Adj Sat	ction Performa: Ratios		Approach
Lane Grou Grp Capa	up Flow Rate acity (s)	v/c g/C	Delay LOS	Delay LOS
Eastbound L 409 T 118		0.51 0.62 1.05 0.62	16.1 B 45.5 D	41.3 D
Westbound				
TR 704	1759	1.41 0.40	220.8 F	220.8 F
Northbound				
Southbound L 482	2 1668	0.06 0.29	23.2 C	14 2 P
R 763	3 1493	0.14 0.51	11.6 B	14.2 B

Inter.: ROUTE 202/35 & STRANG BLVD Analyst: RGD Area Type: All other areas

Agency: JCE

Date: 02/04/2010 Period: SATURDAY PEAK HOUR

Project ID: 1646SATBD11 E/W St: ROUTE 202/35

Jurisd: 2013 BUILD TRAFFIC VOLUMES

N/S St: STRANG BOULEVARD

Year :

E/W St:	ROUTE 202		3888 T T T T T T		COTON S			, , , , , ,		
	l Eas	stbound	Westb	INTERSE ound		:hboun		Sou	hbou	nd
	L	T R	L T		L		R	L	Т	R
No. Lane LGConfig Volume Lane Wid RTOR Vol	L 153 th 12.0		ĺ	1 0 TR 62 33 .0	0 	0		1 L 12 10.0		1 R 93 10.0 19
Duration	0.25	Area :		l other l Operat						
Phase Co EB Left Thru Righ Peds WB Left Thru Righ Peds NB Righ SB Righ Green Yellow All Red	nt s c i nt s	A P P P P P P P P P P P P P P P P P P P	3	4 NB NB SB EB WB	Left Thru Right Peds Left Thru Right Peds Right Right		6 e Len		90.0	
Appr/	Lane	Adj Sat	Rati	rformanc .os	e Summa Lane (ary Group	App	roach		
	Group Capacity	Flow Rate (s)	v/c	g/C	Delay	LOS	Dela	y LOS		
Eastbour L T	nd 409 1186	1823 1906	0.39	0.62 0.62	17.0 31.7	B C	29.8	С	THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS	
Westbour	nd									
TR	702	1756	1.66	0.40	329.5	F	329.	5 F		
Northbou	und									
Southbou L	und 482	1668	0.03	0.29	22.9	С	13.0) В		
R	763 Interse	1493 ction Delay	0.11 = 167.4	0.51 4 (sec/ve	11.4 eh) I	B nters	ectior	LOS	= F	
										····

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year : Project ID: 1646AMNB11 - WITH TIMING IMPROVEMENTS

			SIG	NALLZ	ED IN	ITERSE:	CTION S	SUMMAI	RY				
	Eas	stboun			tbour			thbour		Sou	thbo		
	L	T	R	L	T	R	L	Т	R	L	Т	R	
No. Lar LGConfi Volume Lane Wi RTOR Vo	lg L 150 idth 12.0	1 T 771 13.0	0		1 TR 672 11.0	0 17 1	, 0 	0	0	1 L 4 10.0	0	1 R 143 10.0 80	
Duratio	on 0.25		Area T			ther perat				· · · · · · · · · · · · · · · · · · ·			
Phase (Combination	1 1	2	3	4		±0110	 5	6	7		8	
EB Lei		A	P	_		NB	Left						
Thi	cu	A	P			i	Thru						
Riq						1	Right						
Ped							Peds	70					
WB Let			D			SB	Left Thru	A					
Thi Ric			P P			l I	Right	Α					
Pec			L			i	Peds						
NB Rig						EB	Right						
	ght	A				WB	Right						
Green		10.0	40.0					25.0					
Yellow		4.0	4.0					4.0					
All Red	-1	3 (1	1.0										
	J	1.0	1.0					1.0	lo Ter	ath.	90 0	960	
				·tion	Perfo	armand	e Summ	Сус	le Ler	ngth:	90.0	sec	s
		In	ntersec			ormanc	e Summ Lane	Cyc ary		ngth:		sec	:s
Appr/ Lane	Lane Group	In Adj			Perfo	ormanc		Cyc ary	App	oroach	<u> </u>	sec	:s
Appr/	Lane	In Adj Flow	ntersec Sat		tios	ormanc /C		Cyc ary Group	App		<u> </u>	sec	:s
Appr/ Lane Grp	Lane Group Capacity	In Adj Flow (ntersec Sat Rate (s)	Ra v/c	tios g,	7c	Lane Delay	Cyc ary Group LOS	App	oroach	<u> </u>	sec	
Appr/ Lane Grp Eastboo	Lane Group Capacity and 393	In Adj Flow (ntersec Sat Rate (s)	7/c 0.41	tios g,	/C .62	Lane Delay 12.4	Cyc ary Group LOS 	Apg Dela	oroach	<u> </u>	sec	
Appr/ Lane Grp	Lane Group Capacity	In Adj Flow (ntersec Sat Rate (s)	Ra v/c	tios g,	7c	Lane Delay	Cyc ary Group LOS	App	oroach	<u> </u>	sec	
Appr/ Lane Grp Eastboo	Lane Group Capacity and 393 1186	In Adj Flow (ntersec Sat Rate (s)	7/c 0.41	tios g,	/C .62	Lane Delay 12.4	Cyc ary Group LOS 	Apg Dela	oroach	<u> </u>	sec	:s
Appr/ Lane Grp Eastbool L	Lane Group Capacity and 393 1186	In Adj Flow (182	ntersec Sat Rate (s)	0.41 0.71	tios g, . 0	. 62 . 62	Lane Delay 12.4	Cyc ary Group LOS B C	Apr Dela	oroach	<u> </u>	sec	:s
Appr/ Lane Grp Eastbook T	Lane Group Capacity und 393 1186 und	In Adj Flow (182	ntersec Sat Rate (s) 	0.41 0.71	tios g, . 0	. 62 . 62	Lane Delay 12.4 25.0	Cyc ary Group LOS B C	Apr Dela	oroach	<u> </u>	sec	::S
Appr/ Lane Grp Eastbook T Westbook	Lane Group Capacity und 393 1186 und	In Adj Flow (182	ntersec Sat Rate (s) 	0.41 0.71	tios g, . 0	. 62 . 62	Lane Delay 12.4 25.0	Cyc ary Group LOS B C	Apr Dela	oroach	<u> </u>	sec	
Appr/ Lane Grp Eastbook T Westbook	Lane Group Capacity and 393 1186 und 801 ound	In Adj Flow (182 190	ntersec Sat Rate (s) 	0.41 0.71	tios g, . 0	. 62 . 62 . 46	12.4 25.0	Cyc ary Group LOS B C	Apr Dela	oroach	<u> </u>	sec	
Appr/ Lane Grp Eastbook T Westbook TR Northbook	Lane Group Capacity and 393 1186 und 801	In Adj Flow (182 190	ntersec Sat Rate (s) 	0.41 0.71	tios g, . 0	. 62 . 62	12.4 25.0	Cyc ary Group LOS B C	Apr Dela	oroach	<u> </u>	sec	.s
Appr/Lane Grp Eastboo T Westboo TR Northbo	Lane Group Capacity and 393 1186 und 801 ound 482 680	In Adj Flow (182 190	ntersection Sat value (s) 23 06	0.41 0.71 0.93	tios g, g, o o o o o o o o o o o o o o o o o	.62 .62 .46	Lane Delay 12.4 25.0 42.3	CycaryGroup_LOSBC	Apr Dela 22.9	oroach ay Los 9 C	3	sec	
Appr/ Lane Grp Eastbook T Westbook TR Northbook Southbook	Lane Group Capacity and 393 1186 und 801 ound 482	In Adj Flow (182 190	ntersection Sat value (s) 23 06	0.41 0.71 0.93	tios g, g, o o o o o o o o o o o o o o o o o	.62 .62 .46	Lane Delay 12.4 25.0 42.3	CycaryGroup_LOSBC	Apr Dela 22.9	oroach ay Los 9 C	3	sec	

Inter.: ROUTE 202/35 & STRANG BLVD Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2013 BUILD TRAFFIC VOLUMES Date: 02/04/2011 Period: PM PEAK HOUR

Year : Project ID: 1646PMBD11 - WITH TIMING IMPROVEMENTS

N/S St: STRANG BOULEVARD E/W St: ROUTE 202/35

			SIGNALIZE	D INTERSE	CTION SUM	MARY			
	Eas	stbound	- West	bound	Northb	ound	•	hbound	
	i L	T R	l L	T R	L T	R	L	T R	
No. Lan	es <u></u>	1 0	¦	1 0	¦	0	' <u>-</u>	0 1	
LGConfi	,	T	İ	TR		-	L	R	
Volume	1185	1070	j 8	27 16	1		28	118	
Lane Wi	dth 12.0	13.0	1 1	1.0	1		10.0	10.0	
RTOR Vo	1		I	0				27	
Duratio	n 0.25	Are	ea Type: A	ll other al Operat					
Phase C	ombination	n 1 2	2 3	4	5	6	7	8	
EB Lef	t	A I		NB	Left				
Thr		A I	?	I	Thru				
Rig				ļ	Right				
Ped				I I SB	Peds Left A				
WB Lef Thr		1	2	1 20	Thru				
Rig				i	Right A				
Ped				ĺ	Peds				
NB Rig	ht			EB	Right				
SB Rig	ht	A	_	WB	Right				
Green			9.0 .0		4.	.0			
Yellow		4.0 4	. U						
7.11 Dad	1								
All Red	l		.0		1.		ngth: S	90.0 sec	S
		1.0 1	.0 rsection E		1. Ce Summary	0 ycle Le		90.0 sec	:s
Appr/	Lane	1.0 1 Inte: Adj Sa	.0 rsection E at Rat	erformand ios	1. C	0 ycle Le	ngth: 9	90.0 sec	cs
		1.0 1	.0 rsection E at Rat		1. Ce Summary	ycle Le		90.0 sec	:s
Appr/ Lane Grp	Lane Group Capacity	1.0 1Inte: Adj Sa Flow Ra	.0 rsection E at Rat ate	ios	1. Ce Summary Lane Gro	ycle Le	proach	90.0 sec	
Appr/ Lane Grp	Lane Group Capacity	I.0 1 Inter Adj Sa Flow Ra (s)	.0 rsection E at Rat ate	jos g/C	1. Ce Summary Lane Gro	ycle Le	proach	90.0 sec	:s
Appr/ Lane Grp	Lane Group Capacity	1.0 1Inte: Adj Sa Flow Ra	.0 rsection F at Rat ate v/c	ios	1. Ce Summary Lane Gro	ycle Le	proach ay LOS	90.0 sec	:s
Appr/ Lane Grp Eastbou	Lane Group Capacity and 420 1355	1.0 1Inte: Adj Sa Flow Ra (s)	.0 rsection Fat Ratatev/c	g/C 0.71	1. Ce Summary Lane Gro Delay LO	ycle Le	proach ay LOS	90.0 sec	:s
Appr/ Lane Grp Eastbou L	Lane Group Capacity and 420 1355	1.0 1Inte: Adj Sa Flow Ra (s)18231906	.0 rsection Fat Ratatev/c	g/C 0.71 0.71	1. Ce Summary Lane Gro Delay LO 8.5 #	o ycle Le	proach ay LOS	90.0 sec	S
Appr/ Lane Grp Eastbou L T	Lane Group Capacity Ind 420 1355 Ind 977	1.0 1Inte: Adj Sa Flow Ra (s)18231906	rsection Eat Ratev/c	g/C 0.71 0.71	1. Ce Summary Lane Gro Delay LO 8.5 #	o ycle Le	proach ay LOS	90.0 sec	S
Appr/ Lane Grp Eastbou L T Westbou	Lane Group Capacity Ind 420 1355 Ind 977	1.0 1Inte: Adj Sa Flow Ra (s)18231906	rsection Eat Ratev/c	g/C 0.71 0.71	1. Ce Summary Lane Gro Delay LO 8.5 #	o ycle Le	proach ay LOS	90.0 sec	S
Appr/ Lane Grp Eastbou L T Westbou TR	Lane Group Capacity and 420 1355 and 977	1.0 1Inte: Adj Sa Flow Ra (s)18231906	rsection Eat Ratev/c	g/C 0.71 0.71	1. Ce Summary Lane Gro Delay LO 8.5 #	o ycle Le	proach ay LOS	90.0 sec	
Appr/ Lane Grp Eastbou L T Westbou	Lane Group Capacity and 420 1355 and 977	1.0 1Inte: Adj Sa Flow Ra (s)18231906	rsection Eat Ratev/c	0.71 0.71 0.56	1. Control of the state of the	o ycle Le. Tup Ap S Del 11.	proach ay LOS 0 B	90.0 sec	
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity and 420 1355 and 977 bund ound 334	1.0 1Inte: Adj Sa Flow Ra (s)1823 1906 1758	0.09 rsection Eat Ratate V/c 0.48 0.86	0.71 0.71 0.56	Delay LO 8.5 11.4 35.7	ycle Legundary Apple S Del	proach ay LOS 0 B	90.0 sec	
Appr/Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity and 420 1355 and 977 bund ound 334	1.0 1Inte: Adj Sa Flow Ra (s)1823 1906 1758	rsection Eat Rate v/c 0.48 0.86	0.71 0.71 0.56	1. Commany Lane Ground B.5 A 11.4 E 35.7 II	ycle Legundary Apple S Del	proach ay LOS 0 B 7 D		

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year:
Project ID: 1646SATNB11 - WITH TIMING IMPROVEMENTS

			SIG	NALIZED	INTERSE	CTION S	SUMMAR	Ϋ́			
	Eas	stboun		Westb			thboun			hbound	
	L	${f T}$	R I	L T	R	L	T	R	L	T P	.
No. Lan	es	1	'	0	1 0	-¦ <u>-</u>	0	0	1	0 1	' .
LGConfi		T	i	=	TR	i		Ï	L		R
Volume	1146	932	i	94		i		[]	12	85	
Lane Wi	·		1		.0			1:	10.0	10	1.0
RTOR Vo	· · · · · · · · · · · · · · · · · · ·		ĺ		1	1		1		19)
Duratio	n 0.25	<u></u>	Area T		l other						
					1 Operat	cions					
	ombination		2	3	4	T = C !-	5	6	7	8	
EB Lef		A	P		NB	Left					
Thr		A	P		ļ	Thru					
Rig					l	Right					
Ped						Peds	'n				
WB Lef			_		SB	Left	A				
Thr			P			Thru	7\				
Rig			P		ļ	Right	A				
Ped					l min	Peds					
NB Rig		70.			EB	_					
SB Rig	ht	A	F 7 A		WB	Right	13.0				
Green		5.0	57.0 4.0				4.0				
Yellow		4.0	4 . ()								
1											
All Red		1.0	1.0				1.0	lo Len	ath.	an n	2002
All Red		1.0	1.0	rtion Pe	erforman	ce Summ	1.0 Cycl	le Len	gth:	90.0	secs
All Red	Lane	1.0 In Adj	1.0 ntersec	tion Pe Rati	erformano		1.0 Cycl	~	gth:	90.0	secs
Appr/ Lane	Lane Group	1.0 In Adj Flow	1.0 ntersec Sat Rate	Rati	.os	Lane	1.0 Cycl ary Group	App	roach	90.0 	secs
Appr/	Lane	1.0 In Adj Flow	1.0 ntersec Sat Rate				1.0 Cycl ary Group	App		90.0	secs
Appr/ Lane Grp	Lane Group Capacity	1.0 In Adj Flow (1.0 ntersec Sat Rate (s)	Rati v/c	.os g/C	Lane Delay	1.0 Cycl ary Group LOS	App	roach	90.0	secs
Appr/ Lane Grp Eastbou L	Lane Group Capacity nd 383	1.0 In Adj Flow (1.0 ntersec Sat Rate (s)	Rati v/c 0.40	.os g/C 0.76	Lane Delay 6.3	1.0 Cyclary Group LOS	App Dela	roach y LOS	90.0	secs
Appr/ Lane Grp	Lane Group Capacity	1.0 In Adj Flow (1.0 ntersec Sat Rate (s)	Rati v/c	.os g/C	Lane Delay	1.0 Cycl ary Group LOS	App	roach y LOS	90.0	secs
Appr/ Lane Grp Eastbou L	Lane Group Capacity nd 383 1440	1.0 In Adj Flow (1.0 ntersec Sat Rate (s)	Rati v/c 0.40	.os g/C 0.76	Lane Delay 6.3	1.0 Cyclary Group LOS	App Dela	roach y LOS	90.0	secs
Appr/ Lane Grp Eastbou L T	Lane Group Capacity nd 383 1440	1.0 In Adj Flow (1.0 ntersec Sat Rate (s)	Rati 	0.76 0.76	Lane Delay 6.3 10.7	1.0 Cyclary Group LOS	App Dela	roach y LOS	90.0	secs
Appr/ Lane Grp Eastbou L T	Lane Group Capacity nd 383 1440 nd	1.0 In Adj Flow (182 190	1.0 ntersec Sat Rate (s) 	Rati 	0.76 0.76	Lane Delay 6.3 10.7	1.0 Cyclary_ Group LOS A	App Dela	roach y LOS	90.0	secs
Appr/ Lane Grp Eastbou L T Westbou	Lane Group Capacity nd 383 1440 nd	1.0 In Adj Flow (182 190	1.0 ntersec Sat Rate (s) 	Rati 	0.76 0.76	Lane Delay 6.3 10.7	1.0 Cyclary_ Group LOS A	App Dela	roach y LOS	90.0	secs
Appr/ Lane Grp Eastbou L T Westbou	Lane Group Capacity nd 383 1440 and 1132 aund	1.0 In Adj Flow (1.0 htersecon Sat y Rate (s)	Rati 	0.76 0.76 0.64	Lane Delay 6.3 10.7	1.0 Cyclary_ Group LOS A B	App Dela	roach y LOS	90.0	secs
Appr/ Lane Grp Eastbou L T Westbou TR	Lane Group Capacity nd 383 1440 nd 1132	1.0 In Adj Flow (182 190	1.0 htersecon Sat y Rate (s)	Rati 	0.76 0.76	Lane Delay 6.3 10.7	1.0 Cyclary_ Group LOS A	App Dela 10.1	roach y LOS B	90.0	secs
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity nd 383 1440 nd 1132 und	1.0 In Adj Flow (182 190 175	1.0 itersection Sat i Rate (s) 23)6	Rati 	0.76 0.76 0.64	Lane Delay 6.3 10.7 36.5	1.0 Cyclary_ Group LOS A B	App Dela	roach y LOS B	90.0	secs
Appr/ Lane Grp Eastbou L T Westbou TR Northbo	Lane Group Capacity nd 383 1440 nd 1132 und und 259 398	1.0InAdj Flow (182 190 175	1.0 htersecon Sat Nate (s)	Rati 	0.76 0.76 0.64	Lane Delay 6.3 10.7 36.5	1.0 Cyclary_ Group LOS A B	App Dela 10.1	roach y LOS B		secs

Inter.: ROUTE 202/35 & STRANG BLVD Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: 2013 BUILD TRAFFIC VOLUMES Date: 02/15/2011 Period: AM PEAK HOUR

Year : Project ID: 1646AMBD11 - WITH TIMING IMPROVEMENTS

N/S St: STRANG BOULEVARD E/W St: ROUTE 202/35

		SI	GNALIZED	INTERSE						
	,	tbound	Westb		•	hboun			hbound	l I
	L	T R	L T	R	L	T	R	L	T R	
No. Lane	es	1 0	-¦	1 0	0	0	0 i	1	0 1	<u>'</u>
LGConfig	,	${f T}$,	TR			1	L	R	1
Volume	150	777	68				4		144	,
	dth 12.0	13.0	11				-	10.0	10. 80	U Į
RTOR Vol	T I		j	1	l		1		00	ŀ
Duration	n 0.25	Area	Type: Al	l other l Operat						
Phase Co	ombination	1 2	3	4		5	6	7	8	
EB Left	t	A P		NB	Left					
Thru		A P			Thru					
Rigl Peds					Right Peds					
WB Left				SB	Left	A				
Thru		P			Thru					
Righ		P			Right	A				
Peds					Peds					
NB Righ		75		EB WB	Right Right					
SB Rigl Green	n t	A 10.0 40.0)	1 1477	Right	25.0				
Yellow		4.0 4.0	,			4.0				
All Red		1.0 1.0				1.0				
		1.0					_			
					. Cumm	Cycl	le Len	gth:	90.0	secs
Appr/	Lane	Interse Adj Sat	ection Pe Rati		e Summ Lane (Cycl ary		gth: roach		secs
Appr/ Lane Grp	Lane Group Capacity	Interse	Rati			Cycl ary Group	App			secs
Lane Grp	Group Capacity	Interse Adj Sat Flow Rate	Rati e	.os	Lane (Cycl ary Group	App	roach		secs
Lane	Group Capacity	Interse Adj Sat Flow Rate	Rati e	.os	Lane Delay	Cyclary Group LOS	App	roach y LOS		secs
Lane Grp Eastbou	Group Capacity nd	Interse Adj Sat Flow Rate (s)	Rati v/c	g/C	Lane (CyclaryGroup	App	roach y LOS		secs
Lane Grp Eastbour	Group Capacity nd 387 1186	Interse Adj Sat Flow Rate (s) 	Rati v/c 0.42	g/C 0.62	Lane Delay	Cyclary Group LOS	App	roach y LOS		secs
Lane Grp Eastbour L	Group Capacity nd 387 1186	Interse Adj Sat Flow Rate (s) 	Rati v/c 0.42 0.71	g/C 0.62	Delay 12.6 25.2	CyclaryGroup	App Dela 23.2	roach y LOS C		secs
Lane Grp Eastbour L T	Group Capacity nd 387 1186 nd	Interse Adj Sat Flow Rate (s) 1823 1906	Rati v/c 0.42 0.71	0.62 0.62	Delay 12.6 25.2	CyclaryGroup	App Dela 23.2	roach y LOS C		secs
Lane Grp Eastbour L T Westbour	Group Capacity nd 387 1186 nd	Interse Adj Sat Flow Rate (s) 1823 1906	Rati v/c 0.42 0.71	0.62 0.62	Delay 12.6 25.2	CyclaryGroup	App Dela 23.2	roach y LOS C		secs
Lane Grp Eastbour L T Westbour TR Northbor	Group Capacity nd 387 1186 nd 801	Interse Adj Sat Flow Rate (s) 1823 1906	Rati v/c 0.42 0.71	0.62 0.62	Delay 12.6 25.2	CyclaryGroup	App Dela 23.2	roach y LOS C		secs
Lane Grp Eastbour L T Westbour	Group Capacity nd 387 1186 nd 801	Interse Adj Sat Flow Rate (s) 1823 1906	Rati v/c 0.42 0.71 0.95	0.62 0.62	12.6 25.2	CyclaryGroup	App Dela 23.2 45.7	roach y LOS C		secs
Lane Grp Eastbour L T Westbour TR Northbor Southbor	Group Capacity nd 387 1186 nd 801 und 482 680	Interse Adj Sat Flow Rate (s) 1823 1906	Rati v/c 0.42 0.71 0.95 0.01 0.10	0.62 0.62 0.46	Lane (CyclaryGroup	App Dela 23.2 45.7	roach y LOS C		secs

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year : Project ID: 1646PMBD11 - WITH TIMING IMPROVEMENTS

			216	NWTIGE	D TMTEL	RSEC	CTION S					
	Eas	tbour	nd l	West	bound		Nort	hbour			thbou	
	L	T	R	L	T R		L	T	R	L	T	R
No. Lanes	1 1		'i		$-\frac{1}{1}$		' -	0	<u> </u>	1	0	
LGConfig	,	T	i		TR	ĺ	, 			L		R
Volume	1190	1142	Í	8	99 16	ĺ				28		123
Lane Width	•		ì		1.0	1				10.0		10.0
RTOR Vol	i		1		0							27
Duration	0.25		Area T		11 oth							
					al Ope	rati	ions				<u>_</u>	
Phase Comb	binatior		2	3	4		.	5	6	7	ð	
EB Left		A	P		1	NB	Left					
Thru		A	P				Thru					
Right					ļ		Right					
Peds						~-	Peds	70.				
WB Left					;	SB	Left	A				
Thru			P				Thru	70				
Right			P		ļ		Right	A				
Peds							Peds					
NB Right		_				EB	Right					
SB Right		A	40.0			WB	Right	17.0				
Green		9.0	49.0					4.0				
Yellow		4.0	4.0 1.0									
All Red		1.0	1 11									
			1.0					1.0	lo Ter	ath.	90 N	8008
				rtion F	erform	ance	e Summa	Сус	le Ler	igth:	90.0	secs
	ane	Iı Ad	ntersec j Sat		erform	ance	e Summa Lane (Cyc.		gth:		secs
Lane G	roup	In Adj Flor	ntersed j Sat w Rate	Rat	ios	ance	Lane (Cyc ary Group	App	roach	 1	secs
Lane G		In Adj Flor	ntersec j Sat			ance		Cyc ary Group	App		 1	secs
Lane G Grp C Eastbound	roup apacity	In Adj Flor	ntersec j Sat w Rate (s)	Rat v/c	ios g/C		Lane (Cyc. ary Group LOS	App	roach	 1	secs
Lane G Grp C Eastbound L	roup apacity 	In Adj	ntersec j Sat w Rate (s) 	Rat v/c 0.52	g/C 0.71		Delay 9.5	Cyc. ary Group LOS	App Dela	proach	 1	secs
Lane G Grp C Eastbound L	roup apacity	In Adj Flor	ntersec j Sat w Rate (s) 	Rat v/c	ios g/C		Lane (Cyc. ary Group LOS	App	proach	 1	secs
Lane G Grp C Eastbound L T	roup apacity 396 1355	In Adj	ntersec j Sat w Rate (s) 	Rat v/c 0.52	g/C 0.71		Delay 9.5	Cyc. ary Group LOS	App Dela	proach	 1	secs
Lane GGrp Control Eastbound LT Twestbound	roup apacity 396 1355	Ad; Flow	ntersec j Sat w Rate (s) 	0.52 0.92	g/C 0.71	-	Delay 9.5 14.2	Cyc. ary Group LOS	App Dela	proach	 1	secs
Lane GGrp CGE Eastbound LT Westbound TR	roup apacity 	182 190	ntersec j Sat w Rate (s) 23 06	0.52 0.92	g/C g/C 0.71 0.71	-	Delay 9.5 14.2	Cyc. ary Group LOS A B	App Dela	proach	 1	secs
Lane G Grp C Eastbound L T Westbound	roup apacity 	182 190	ntersec j Sat w Rate (s) 23 06	0.52 0.92	g/C g/C 0.71 0.71	-	Delay 9.5 14.2	Cyc. ary Group LOS A B	App Dela	proach	 1	secs
Lane G Grp C Eastbound L T Westbound TR Northboun	roup apacity 396 1355 977 d	182 190	ntersec j Sat w Rate (s) 	0.52 0.92	0.71 0.71		9.5 14.2	Cyc. ary Group LOS A B	App Dela	proach	 1	secs
Lane G Grp C Eastbound L T Westbound TR Northboun	roup apacity 396 1355 977	182 190	ntersec j Sat w Rate (s) 	0.52 0.92	g/C g/C 0.71 0.71		Delay 9.5 14.2	Cyc. ary Group LOS A B	App Dela 13.5	oroach y Los b B	 1	secs
Lane GGrp CGEastbound LTT Westbound TR Northbound Southbound L	roup apacity 396 1355 977 d	182 190 175	ntersectification in terse	0.52 0.92 1.02	0.71 0.71 0.56		9.5 14.2 53.2	Cyclary	App Dela	oroach ay Los b B	3	secs

Analyst: RGD Inter.: ROUTE 202/35 & STRANG BLVD

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year:
Project ID: 1646SATBD11 - WITH TIMING IMPROVEMENTS

			SIGNALI	ZED IN	TERSE:	CTION S	SUMMAR	ĽΥ			
	•	tbound	-	stbour			thboun			thbou	
	L	T R	L	T	R	L	T	R	L	T	R
No. Lanes		1 0	¦	1	0	1 0	0	0 i		0	
LGConfig	L	T	1	TR				1	L		R
Volume	153	1049		1062	33				12		93
Lane Width	112.0	13.0		11.0	1				10.0		10.0
RTOR Vol	*****		l		1	I		ļ			19
Duration	0.25	Are	ea Type:	All d							
Phase Comb	ination	i 1	2 3	4	_	4,	5	6	7	8	}
EB Left		A	P		NB	Left					
Thru		A I	P		1	Thru					
Right						Right					
Peds WB Left					l I SB	Peds Left	А				
WB Left Thru			P		l op	Thru	А				
Right			P		1	Right	A				
Peds					Ì	Peds					
NB Right					EB	Right					
SB Right		A			WB	Right					
Green			7.0				13.0				
Yellow All Red			.0				4.0 1.0				
All Red		1.0 1	• 0					e Ler	ngth:	90.0	secs
			rsection		ormanc		ary				
r r	ne oup	Adj Sa Flow Ra		Ratios		Lane	Group	App	oroach	1	
	pacity	(s)	<u>v/c</u>	g,	7 c	Delay	LOS	Dela	ay LOS	3	
Eastbound						_					
L 3	4 (-	1000		<i>-</i>	7.6		7)				
	45	1823	0.4		.76	7.2	A	11 () R		
	45 440	1823 1906	0.4		.76 .76	7.2 11.5	A B	11.() В		
								11.0) В		
T 1 Westbound		1906	0.7	77 0	.76		В				
T 1 Westbound	132	1906	0.7	77 0	.76	11.5	В				
T 1 Westbound TR 1	132	1906	0.7	77 0	.76	11.5	В				
T 1 Westbound TR 1	132	1906	0.7	77 0	.76	11.5	В				
T 1 Westbound TR 1 Northbound Southbound	132	1906	1.0	77 0	.76	50.2	В	50.2	2 D		
T 1 Westbound TR 1 Northbound Southbound L 2 R 3	132 59 98	1906 1756	0.7	77 0 03 0 05 0 21 0	.76 .64 .16	11.5 50.2 32.4 25.7	B	50.2	2 D		

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646AMEX12 E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

		SI	GNALIZED	INTERSE	CTION S	UMMARY	7				
	l Eas	stbound	Westb			hbound		Sou	thbou	ınd	
	L	T R	l L I	R	L	T E	₹ :	L	T	R	I
No. Lan	•	1 0	i 0	1 0	i 0	1 (5i-	0	1	0	_ i
LGConfi		TR	1	LTR		LTR			LTF		l
Volume	180	632 0	10 49		10 1		2		0	146	
Lane Wi	•	12.0	1 15	5.0	1	.2.0	ļ		11.0		1
RTOR Vo	1	0		12	I	0	ļ			36	I
Duratio	n 0.25	Area		l other							
Phase C	ombination	n 1 2	3	4		5	6	7	8	3	
EB Lef	t	A P		NB	Left	A					
Thr	u	A P		I	Thru	Α					
Rig	ht			1	Right						
Ped	S			1	Peds						
WB Lef	t	P		SB	Left	A					
Thr	u	Р		1	Thru	Α					
Rig	ht	P		1	Right	Α					
Ped				1	Peds						
NB Rig	ht			EB	Right						
SB Rig	ht			WB	Right						
Green		4.0 24.0)			24.0					
Yellow											
TETTOM		5.0 5.0				5.0					
All Red		5.0 5.0 1.0 1.0				5.0 1.0					
		1.0 1.0				1.0 Cycle	e Leng	th:	70.0	s	ecs
All Red		1.0 1.0		erformanc		1.0 Cycle				9	ecs
All Red Appr/	Lane	1.0 1.0Interse	Rati		e Summa Lane G	1.0 Cycle	e Leng Appr			s	ecs
All Red Appr/ Lane	Lane Group	1.0 1.0Interse Adj Sat Flow Rate	Rati :	.os	Lane G	1.0 Cycle ary Group	Appr	oach		S	ecs
All Red Appr/	Lane	1.0 1.0Interse	Rati			1.0 Cycle ary Group		oach		S	ecs
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd	1.0 1.0Interse Adj Sat Flow Rate (s)	Rati • v/c	.os g/C	Lane O	1.0 Cycleary	Appr	oach		S	ecs
All Red Appr/ Lane Grp Eastbou L	Lane Group Capacity nd 254	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736	Rati v/c 0.34	0.51	Lane G Delay 14.0	1.0 Cycleary Group LOS B	Appr	oach LOS		s	ecs
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd	1.0 1.0Interse Adj Sat Flow Rate (s)	Rati • v/c	.os g/C	Lane O	1.0 Cycleary	Appr	oach		s	ecs
All Red Appr/ Lane Grp Eastbou L	Lane Group Capacity 	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736	Rati v/c 0.34	0.51	Lane G Delay 14.0	1.0 Cycleary Group LOS B	Appr	oach LOS		s	ecs
All Red Appr/ Lane Grp Eastbou L TR	Lane Group Capacity 	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736	Rati v/c 0.34 0.73	0.51	Lane 6 Delay 14.0 15.6	1.0 Cycle Group LOS B	Appr Delay	oach LOS		S	ecs
All Red Appr/ Lane Grp Eastbou L TR Westbou	Lane Group Capacity nd 254 946 nd	1.0 1.0Interse Adj Sat Flow Rate (s)1736 1839	Rati v/c 0.34 0.73	0.51 0.51	Lane 6 Delay 14.0 15.6	1.0 Cycle Group LOS B	Appr Delay	LOS		S	ecs
All Red Appr/ Lane Grp Eastbou L TR Westbou	Lane Group Capacity nd 254 946 nd	1.0 1.0Interse Adj Sat Flow Rate (s)1736 1839	Rati 	0.51 0.51	Lane G	1.0 Cycle Group LOS B B	Appr Delay	LOS		S	ecs
All Red Appr/ Lane Grp Eastbou L TR Westbou LTR Northbo	Lane Group Capacity nd 254 946 nd 724 und 692	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839	Rati 	0.51 0.51	Lane G	1.0 Cycle Group LOS B B	Appr Delay 15.4 36.9	D D		S	ecs
All Red Appr/ Lane Grp Eastbou L TR Westbou LTR Northbo	Lane Group Capacity nd 254 946 nd 724 und 692	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839	Rati v/c 0.34 0.73 0.92	0.51 0.51	Lane G Delay 14.0 15.6 36.9	1.0 Cycleary	Appr Delay 15.4 36.9	D D		S	ecs

Inter.: ROUTE 202/35 & NYS ROUTE 132 Analyst: RGD

Agency: JCE Area Type: All other areas Jurisd:

Date: 1/18/2011

Period: PM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646PMEX12

E/W St: ROUTE 202/35 N/S St: ROUTE 132/DOWNING PARK

E/W SC: R	ROULE 202	2/33		И/Б	SC: ROULE I	32/00	WNING PARI	Λ
		SI			CTION SUMMAR			
	•	stbound		oound	Northboun		Southbou	
	L	T R] L. 7	r R	L T	R	L T	R
No. Lanes	;	1 0	0	1 0	0 1	 ;	0 1	
LGConfig	L	TR		LTR	LTR	I	LT	
Volume	199			43 251	1 1 3		157 2	85 J
Lane Widt	h 11.0		15	5.0	12.0	. 1	11.0	33
RTOR Vol	I	0	ļ	100	1	' }		33
Duration	0.25	Area '	Type: Al	ll other	areas	. — — — 		
				al Operat				
Phase Com	nbinatior		3	4	5 T - £ b - D	6	7	8
EB Left Thru		A P A P		NB	Left A Thru A			
Right	_	A P		i i	Right A			
Peds	•			i	Peds			
WB Left		P		, SB	Left A			
Thru		₽		1	Thru A			
Right	;	P		1	Right A			
Peds					Peds			
NB Right				EB WB	Right Right			
Green	•	4.0 24.0		₩5	24.0			
Yellow		5.0 5.0			5.0			
All Red		1.0 1.0			1.0			
					_	e Len	gth: 70.0	secs
7					e Summary			
	ane Froup	Adj Sat Flow Rate	Rati	los	Lane Group	Арр	roach	
	apacity	(s)	v/c		Delay LOS	Dela	y LOS	
0.25	, when end,	(2)	., .	9, 0				
Eastbound								
	254	1736	0.86	0.51	38.8 D	00 0	~	
TR	945	1838	0.90	0.51	26.3 C	28.8	C	
Westbound	l							
LTR	724	1950	1.18	0.37	113.9 F	113.	9 F	
N t- le le	al.							
Northboun	ia							
LTR	611	1645	0.01	0.37	13.9 в	13.9	В	
Southboun	ıd							
LTR	496	1336	0.47	0.37	17.0 B	17.0	B	
<u> </u>			~ * * * /	V - V -		_,,,	_	
	Intersec	tion Delay	= 61.1	(sec/ve	h) Interse	ction	LOS = E	

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 1/18/2011

Jurisd:
Year : 2010 EXISTING TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR

Project ID: 1646SATEX12 E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

E/W St:	ROUTE 20:	2/35		N/S	st: NY	YS ROUTE	132,	/DOWN 1	NG PAI	RK
	Ea:	SIG stbound T R	GNALIZED Westb L I			SUMMARY_ thbound T R		South	bound R	<u> </u>
No. Lan			l	1 0	0	1 0		0	1 0	<u> </u>
LGConfi Volume	.g L 167	TR 704 8	 3 72	LTR 25 197	 5 2	LTR 2 6		86 4	LTR 131	
Lane Wi				5.0		12.0	 T (0	L
RTOR Vo		0		100	İ	6	İ		37	İ
Duratio	on 0.25	Area :		.l other ll Operat						
Phase C	ombination	n 1 2	3	4	.10115	5	6	 7	8	
EB Lef		A P	-	NB	Left	Ā				
Thr	·u	A P		1	Thru	A				
Rig		A P		1	Right	A				
Ped		_			Peds	_				
WB Lef		P		SB	Left	A				
Thr		P P			Thru	A				
Rig Ped		٤			Right Peds	A				
NB Rig				 EB	Right					
SB Rig				WB	Right					
Green		4.0 24.0		,2	111 9110	24.0				
Yellow		5.0 5.0				5.0				
All Red		1.0 1.0				1.0				
						Cycle	Leng	th: 70	0.0	secs
				erformanc				~~~		
Appr/	Lane	Adj Sat	Rati	.05	Lane (Group	Appr	oach		
Lane	Group	Flow Rate		· 		- =			_	
Grp	Capacity	(s)	v/c	g/C	Delay	LOS D	elay	TO2		
Eastbou		1726	0 70	0 51	22.6					
L TR	254 945	1736 1837	0.72 0.82	0.51 0.51	22.6 19.7	С В 2	0.2	С		
IV	240	1037	0.02	0.31	19.7	D 2	0.2	C		
Westbou	nd									
LTR	729	1962	1.20	0.37	124.4	F 1	24.4	F		
Northbo	und									
LTR	575	1549	0.01	0.37	13.9	в 1	3.9	В		
Southbo	und									
LTR	502	1352	0.63	0.37	19.9	в 1	9.9	В		
	Interse	ction Delay	= 62.5	(sec/ve	h) Ii	ntersect	ion :	LOS =	E	

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 02/15/2011

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Jurisd:

Project ID: 1646AMNB12

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 231/DOWNING PARK

		SIGNALIZED	INTERSE	CTION SUMMAR	Y		
	Eastbound	Westb		Northboun		Southbo	•
	L T R	L T	R	L T	R 1	L T	R
No. Lanes	1 1 0	io	1 0	0 1	ō¦-	0 1	<u>-</u>
LGConfig	L TR	ĺ	LTR	LTR	ĺ	LT	'R
Volume	187 688 0	10 54		0 1 0	12	37 0	157
	11.0 12.0	15		12.0		11.0	•
RTOR Vol	0		12	[0) [36
Duration	0.25 Are	a Type: Al					
Phase Combi	nation 1 2		1 Operat 4	10ns5	6	_	- 8
EB Left	A P		, NB	Left A	Ū	,	· ·
Thru	A P		i	Thru A			
Right			Ì	Right			
Peds			I	Peds			
WB Left	P		SB	Left A			
Thru	P		ļ.	Thru A			
Right	P		ļ	Right A			
Peds			I I EB	Peds Right			
NB Right SB Right			WB	Right			
Green	4.0 24	. 0	1 445	24.0			
Yellow	5.0 5.			5.0			
All Red							
CITT IVEA	1.0 1.	0		1.0			
UTT VCA				Cycl	e Leng.	th: 70.0) secs
	Inter	section Pe		Cycl e Summary	-) secs
Appr/ Lan	Inter e Adj Sa	section Pe t Rati		Cycl	e Leng Appr) secs
Appr/ Lan Lane Gro	Inter e Adj Sa up Flow Ra	section Pe t Rati te	os 	Cycl e Summary Lane Group	Appr	oach) secs
Appr/ Lan Lane Gro	Inter e Adj Sa	section Pe t Rati		Cycl e Summary	- 	oach) secs
Appr/ Lan Lane Gro Grp Cap	Inter e Adj Sa up Flow Ra acity (s)	section Pe t Rati te v/c	os g/C 	Cycle Summary Lane Group Delay LOS	Appr	oach) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25	Inter e Adj Sa up Flow Ra acity (s)	section Pe t Rati te v/c	os g/C 0.51	Cycle Summary Lane Group Delay LOS	Appr	oach) secs
Appr/ Lan Lane Gro Grp Cap	Inter e Adj Sa up Flow Ra acity (s)	section Pe t Rati te v/c	os g/C 	Cycle Summary Lane Group Delay LOS	Appr	oach) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25	Inter e Adj Sa up Flow Ra acity (s)	section Pe t Rati te v/c	os g/C 0.51	Cycle Summary Lane Group Delay LOS	Appr	oach) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25 TR 94	Interection e Adj Sa up Flow Ra acity (s)	section Pe t Rati te v/c 0.37 0.79	os g/C 0.51	Cycle Summary Lane Group Delay LOS 14.5 B 18.1 B	Appr	oach) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25 TR 94 Westbound	Interection e Adj Saup Flow Raacity (s) 4 1736 6 1839	section Pe t Rati te v/c 0.37 0.79	os 0.51 0.51	Cycle Summary Lane Group Delay LOS 14.5 B 18.1 B	Appr Delay	oach LOS B) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25 TR 94 Westbound LTR 72	Inter e Adj Sa up Flow Ra acity (s) 4 1736 6 1839 4 1950	section Pe t Rati te v/c 0.37 0.79	os 0.51 0.51	Cycle SummaryLane Group Delay LOS 14.5 B 18.1 B	Appr Delay 17.7 50.3	oach LOS B) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25 TR 94 Westbound LTR 72 Northbound	Inter e Adj Sa up Flow Ra acity (s) 4 1736 6 1839 4 1950	section Pe t Rati te v/c 0.37 0.79	os 0.51 0.51 0.37	Cycle SummaryLane Group Delay LOS 14.5 B 18.1 B	Appr Delay 17.7 50.3	oach LOS B) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25 TR 94 Westbound LTR 72 Northbound LTR 69 Southbound	Inter e Adj Sa up Flow Ra acity (s) 4 1736 6 1839 4 1950 2 1863	section Pe t Rati te v/c 0.37 0.79 1.01 0.00	0.51 0.51 0.37	Cycle SummaryLane Group Delay LOS 14.5 B 18.1 B 50.3 D	Appr Delay 17.7 50.3	D B) secs
Appr/ Lan Lane Gro Grp Cap Eastbound L 25 TR 94 Westbound LTR 72 Northbound LTR 69 Southbound	Inter e Adj Sa up Flow Ra acity (s) 4 1736 6 1839 4 1950 2 1863	section Pe t Rati te v/c 0.37 0.79 1.01 0.00	0.51 0.51 0.37	Cycle SummaryLane Group Delay LOS 14.5 B 18.1 B	Appr Delay 17.7 50.3	D B) secs

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 2/11/11

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Jurisd:

Project ID: 1646SATNB12

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

	SI	GNALIZED	INTERSE	CTION SUMMAR	RΥ	
	I Eastbound	Westbo		Northboun		outhbound
	L T R	LT	R		RIL	T R
No. Lanes LGConfig	1 1 0 L TR	0 1	0 TR	0 1 LTR	i 0 I	0 1 0 LTR
Volume	183 805 8	3 828		5 2 6	j 197	-
	11.0 12.0	15.		12.0	ĺ	11.0
RTOR Vol	0	I	100	1 6	5	39
Duration	0.25 Area	Type: All	l other L Operat			
Phase Combi	nation 1 2	3	4	5	6	7 8
EB Left	A P		NB	Left A		
Thru	A P		I	Thru A		
Right	A P		Į.	Right A		
Peds				Peds		
WB Left	P		SB	Left A		
Thru	P		1	Thru A		
Right	P		1	Right A		
Peds			j 1 12 13	Peds		
NB Right			EB WB	Right Right		
SB Right Green	4.0 24.0		1 MD	24.0		
Yellow	5.0 5.0			5.0		
All Red	1.0 1.0			1.0		
mar nou					e Length	: 70.0 secs
	Interse	ction Per	formanc	e Summary ๋	,	
Appr/ Lan		Ratio		Lane Group	Approa	ch
Lane Gro	up Flow Rate					5,44,4,0 24504 ASSES ARAN
Grp Cap	acity (s)	v/c	g/C	Delay LOS	Delay L	OS
Eastbound						
L 25		0.80	0.51	35.3 D		
TR 94	5 1837	0.96	0.51	55.0+ E	51.4	D
Westbound						
LTR 72	9 1962	1.37	0.37	196.1 F	196.1	F
Northbound						
LTR 57	2 1539	0.01	0.37	13.9 В	13.9	В
Southbound						
LTR 50	3 1355	0.68	0.37	21.5 C	21.5	С
		= 106.1				

Jurisd:

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 02/15/2011

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD12

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

	STO	GNALIZED	INTERSE	CTION :	SUMMARY	7				
	I Eastbound	Westbo			thbound		Sou	thbou	ind 1	
	L T R	L T	R	L	T F		L	T	R I	
No. Lanes LGConfig Volume	1 1 0 L TR 88 693 0	•	TR 7 138		1 0 LTR 1 0	į	237	1 LTF	 0 159	
Lane Width RTOR Vol	11.0 12.0 0	15.			12.0	 		11.0	37	
 Duration	0.25 Area 1	Type: All								
			l Operat	ions						
Phase Combi EB Left Thru	nation 1 2 A P A P	3	4 NB 	Left Thru	5 A A	6	7	8	\$	
Right Peds			1	Right Peds						
WB Left Thru Right	P P P		SB 	Left Thru Right	A A A					
Peds NB Right SB Right	4.0		 EB WB	Peds Right Right						
Green Yellow All Red	4.0 24.0 5.0 5.0 1.0 1.0				24.0 5.0 1.0	n Ion	ıgth:	70 0	sec	c
	Interse	ction Per	rformanc	e Summ	_	- пет	ig cii.	70.0	360	.5
Appr/ Lan Lane Gro	e Adj Sat	Ratio		Lane		App	roach	<u> </u>		
	acity (s)	v/c	g/C	Delay	LOS	Dela	y LOS	,		
Eastbound L 25 TR 94		0.38 0.80	0.51 0.51	14.4 18.4	B B	18.0) В	•		
Westbound										
LTR 72	5 1951	1.02	0.37	54.3	D	54.3	3 D			
Northbound										
LTR 69	2 1863	0.00	0.37	13.8	В	13.8	В В			
Southbound										
LTR 50	4 1357	0.79	0.37	27.3	С	27.3	3 C			
In	tersection Delay	= 33.4	(sec/ve	h) I	nterse	ctior	1 LOS	= C		

Inter.: ROUTE 202/35 & NYS ROUTE 132 Analyst: RGD

Area Type: All other areas Agency: JCE

Jurisd: Date: 02/04/2011

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD12 E/W St: ROUTE 202/35

N/S St: NYS ROUTE 132/DOWNING PARK

		sı	GNALIZED	INTERSE						
	•	stbound	Westb			hbound			thbou	
	L	T R	L T	Ř	L	T F	₹ 	L	Т	R I
No. Lan	ies	1 0	¦	1 0	10		<u>, </u>		1	0 '
LGConfi	.g L	TR	į :	LTR	1	LTR			LTF	R
Volume	225	940 4	0 81		1 1			166	2	104
Lane Wi			15		1	L2.0	1		11.0	
RTOR Vo)1	0		103	1	0	ļ			38
Duratio	on 0.25	Area	Type: Al							
Phase C	ombination	n 1 2	signa	l Operat 4	TOIIS	 5	6	 7	8	
EB Lef		A P	J	NB	Left	Ā				
Thr		A P		1	Thru	A				
Rig	ht	A P		1	Right	A				
Ped				1	Peds					
WB Lef		P		SB	Left	A				
Thr		P			Thru	A				
Rig		P			Right	A				
Ped				l I EB	Peds Right					
NB Rig				MB	Right					
Green	111.6	4.0 24.0		1 WD	KI GII C	24.0				
Yellow		5.0 5.0				5.0				
All Red	l	1.0 1.0				1.0				
						Cycle	e Len	gth:	70.0	secs
			ction Pe				7			
Appr/	Lane	Adj Sat	Rati	os	Lane (roup	Арр	roach	1	
Lane Grp	Group Capacity	Flow Rate (s)	v /c	_ 	Delay	T.OS	Dela	y Los		
GīĎ	Capacity	(3)	V/C	9/0	Deray				, 	
Eastbou		1726	0 07	0 51	62.9	T.				
L	254 946	1736 1839	0.97 1.10	0.51 0.51	76.2	E E	73.6	E		
TR	940	1639	1.10	0.31	70.2	E	73.0	ت ،		
Westbou	ınd									
LTR	726	1955	1.44	0.37	223.3	F	223.	3 F		
Northbo	und									
LTR	610	1642	0.01	0.37	13.9	В	13.9	В		
Southbo	ound									
LTR	499	1343	0.52	0.37	17.6	В	17.6	5 В		
		ction Delay		(sec/ve	h) Ir	nterseo	ction	LOS	= F	
				,,	,					

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas Jurisd:

Date: 02/04/2010

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD12

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

		SI	GNALIZEI	INTERSE	CTION S	UMMARY	ζ				
		stbound	Westh	ound		hbounc		Sou	thbo	und	
	L	T R	L 7	r R	L	T F	₹	L	Т	R	
No. Lan	es	1 0	10	1 0	¦	1 0	¦_		<u>_</u>		
LGConfi	g L	TR	Ì	LTR	1	LTR	ĺ		LT		j
Volume	195	910 8	13 93		15 2		1		4	157	
Lane Wi	•		1. 15	5.0	1	2.0			11.0		
RTOR Vo.	Ι Ι	0	1	100	I	6	1			42	
Duration	n 0.25	Area		.l other				~·····			
Phase Co	ombination	n 1 2	3	4		5	6	7		 8	
EB Left	t	P P		NB	Left	A					
Thru		P P		I	Thru	A					
Righ		P P		Į.	Right	A					
Peds WB Left		Р		l I SB	Peds Left	78.					
Thri		P		1 20	Thru	A A					
Righ		P		1	Right	A					
Peds		•		1	Peds						
NB Righ	ht			EB	Right						
SB Righ	nt			WB	Right						
Green		4.0 24.0				24.0					
Yellow		5.0 5.0				5.0					
		1 0 1 0									
All Red		1.0 1.0				1.0	. Tono	h .	70.0		~~~
AII Ked			ction Pe	erformanc	:	1.0 Cycle	e Leng	gth:	70.0	;	secs
	Lane	Interse		rformanc	e Summa:	1.0 Cycl∈ ry				;	secs
Appr/ Lane	Lane Group		Rati		:	1.0 Cycl∈ ry		gth:		;	secs
Appr/		Interse	Rati		e Summa:	1.0 Cycle ry roup		roach		;	secs
Appr/ Lane	Group Capacity	Interse Adj Sat Flow Rate	Rati	.os	e Summa: Lane G:	1.0 Cycle ry roup	Appr	roach		;	secs
Appr/ Lane Grp	Group Capacity	Interse Adj Sat Flow Rate	Rati	.os	e Summa: Lane G:	1.0 Cycle ry roup	Appr	roach			secs
Appr/ Lane Grp Eastbour	Group Capacity 	Interse Adj Sat Flow Rate (s)	Rati v/c	.os 	e Summa: Lane G: Delay 1	1.0 Cycle ry roup LOS	Appr	roach			secs
Appr/ Lane Grp Eastbour	Group Capacity nd 254 945	Interse Adj Sat Flow Rate (s)	Rati v/c 0.83	.os 	e Summa: Lane G: Delay 1	1.0 Cycle ry roup LOS 	Appr	roach / LOS			secs
Appr/ Lane Grp Eastbour L	Group Capacity nd 254 945	Interse Adj Sat Flow Rate (s) 	Rati v/c 0.83 1.06	.os 	e Summa: Lane G: Delay 1	1.0 Cycle ry roup LOS D E	Appr Delay	LOS			secs
Appr/ Lane Grp Eastbour L TR	Group Capacity 1d 254 945 nd 730	Interse Adj Sat Flow Rate (s) 1736 1837	Rati v/c 0.83 1.06	0.51 0.51	e Summa: Lane G: Delay 1	1.0 Cycle ry roup LOS D E	Appr Delay	LOS		;	secs
Appr/ Lane Grp Eastbour L TR Westbour	Group Capacity 1d 254 945 nd 730	Interse Adj Sat Flow Rate (s) 1736 1837	Rati 	0.51 0.51	e Summa: Lane G: Delay : 41.3 62.2	1.0 Cycle ry roup LOS D E	Appr Delay	LOS			secs
Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Group Capacity 1d 254 945 1d 730 1nd 570	Interse Adj Sat Flow Rate (s) 1736 1837	Rati 	0.51 0.51	e Summa: Lane G: Delay : 41.3 62.2	1.0 Cycle ry roup LOS D E	Appr Delay 58.6	LOS		;	secs
Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Group Capacity 1d 254 945 1d 730 1nd 570	Interse Adj Sat Flow Rate (s) 1736 1837	Rati v/c 0.83 1.06 1.52	0.51 0.51 0.37	e Summa: Lane G: Delay 1 41.3 62.2 262.4	1.0 Cycle ry roup LOS D E	Appr Delay 58.6	LOS E			secs

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB12 - WITH TIMING IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

			SIG	SNALIZ	ED II	NTERSE	CTION	SUMMA	RY				
	Ea:	Eastbound		Westbound		Northbound			Southbound		- 		
	L 	Т	R I	L	Т	R	L	Т	R	L	Т	R	İ
No. Land LGConfid	•	1 TR	 0 i	0	1 LTI		i	1 LTR	0 i	0	 1 LT	0 R	
Volume	217	876	4 i	0	745	266	11			166	2	97	i
Lane Wid			i		15.0		•	12.0	i		11.0		i
RTOR Vol	•		0 j			100	İ		0 i			35	i
Duration	n 0.25		Area T										
Phase Co	ombination	 1 1	2	sig	naı (Operat I	ions	5	<u>_</u>	-		 8	
EB Left		A	P	Ŭ	•	NB	Left	A	Ŭ	,		·	
Thru		A	P			1122	Thru	A					
Righ		A	P			i	Right						
Peds			-			i	Peds						
WB Left			P			, SB	Left	A					
Thru			P			~-	Thru	A					
Righ			P			İ	Right						
Peds			~			i	Peds	••					
NB Righ						EB	Right						
SB Righ						WB	Right						
Green		4.0	33.0			1 112	1119110	1.5 0					
0 - 0 0 - 1								15.13					
Yellow								15.0 5.0					
Yellow All Red		5.0	5.0					5.0					
Yellow All Red								5.0 1.0	le Ler	igth:	70.0		secs
All Red		5.0 1.0	5.0 1.0 ntersec			ormanc		5.0 1.0 Cyc ary					secs
All Red Appr/	Lane	5.0 1.0 Ir Adj	5.0 1.0 ntersec		Perfo tios	ormanc	e Summ Lane (5.0 1.0 Cyc ary		igth:			secs
All Red Appr/ Lane	Group	5.0 1.0 Ir Adj	5.0 1.0 ntersect j Sat w Rate	Ra	tios		Lane	5.0 1.0 Cyc ary Group	App	roac	h		secs
All Red Appr/		5.0 1.0 Ir Adj	5.0 1.0 ntersec		tios	ormanc /C		5.0 1.0 Cyc ary Group	App		h		secs
All Red Appr/ Lane	Group Capacity	5.0 1.0 Ir Adj	5.0 1.0 ntersect j Sat w Rate	Ra	tios		Lane	5.0 1.0 Cyc ary Group	App	roac	h		secs
All Red Appr/ Lane Grp	Group Capacity	5.0 1.0 Ir Adj	5.0 1.0 ntersec j Sat w Rate (s)	Ra	tios g,		Lane	5.0 1.0 Cyc ary Group	App	roac	h		secs
All Red Appr/ Lane Grp Eastbour	Group Capacity 	5.0 1.0 Ir Adj Flow	5.0 1.0 ntersection Sat w Rate (s)	Ra 	tios g,	7 c 	Lane Delay	5.0 1.0 Cyc ary Group LOS	App	roac	h		secs
All Red Appr/ Lane Grp Eastbour L	Group Capacity Ind 258 1182	5.0 1.0 Ir Adj Flow	5.0 1.0 ntersection Sat w Rate (s)	Ra v/c 0.92	tios g,	/c 	Delay	5.0 1.0 Cyc ary Group LOS	Apr ——— Dela	roac	h		secs
All Red Appr/ Lane Grp Eastbour L TR Westbour	Group Capacity Ind 258 1182	5.0 1.0 Ir Add Flow 173 183	5.0 1.0 ntersection Sat w Rate (s)	Ra v/c 0.92 0.82	tios g, 0	7 <u>c</u> . 65 . 64	Lane (Delay 19.3 13.7	5.0 1.0 Cyc ary Group LOS D B	Apr Dela 20.8	Proac	h		secs
All Red Appr/ Lane Grp Eastbour L TR Westbour	Group Capacity nd 258 1182 nd	5.0 1.0 Ir Add Flow 173 183	5.0 1.0 ntersec j Sat w Rate (s)	Ra v/c 0.92 0.82	tios g, 0	7 <u>c</u> . 65 . 64	Lane (Delay 19.3 13.7	5.0 1.0 Cyc ary Group LOS D B	Apr Dela 20.8	Proac	h		secs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Group Capacity nd 258 1182 nd	5.0 1.0 Ir Add Flow 173 183	5.0 1.0 ntersec j Sat w Rate (s)	Ra v/c 0.92 0.82	tios g, 0,	7 <u>C</u> . 65 . 64	Delay 49.3 13.7	5.0 1.0 Cyc ary Group LOS D B	Apr Dela 20.8	proac y LO	h		secs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Group Capacity 1d 258 1182 1d 956 2368	5.0 1.0 Ir Add Flow 173 183	5.0 1.0 ntersection Sature (s) 	Ra v/c 0.92 0.82	tios g, 0,	7 <u>C</u> . 65 . 64	Delay 49.3 13.7	5.0 1.0 Cyc ary Group LOS D B	Apr Dela 20.8	proac y LO	h		secs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Group Capacity 1d 258 1182 1d 956 2368	5.0 1.0 Ir Add Flow 173 183	5.0 1.0 ntersection Sature (s) 	0.92 0.82	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.65 .64 .49	13.7 49.3 13.7 55.5	5.0 1.0 Cyc ary Group LOS D B	20.8 55.5	Proac	h		secs

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB12 - WITH TIMING IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 132/DOWNING PARK

	SI	GNALIZED INTER	RSECTION SU	MMARY		
	Eastbound	Westbound		Northbound		ound
	L T R	ILTR	i L T		L T	R
No. Lanes LGConfig	1 1 0 L TR	0 1 0 LTR	•	1 0 LTR	0 1 L	0 TR
Lane Width	183 805 8 11.0 12.0	3 828 209 15.0	12	6 1.0	197 4 11.	
RTOR Vol	0	100)	6 I		39
Duration		Type: All other				
Phase Combin		3 4		5 6	7	8
EB Left	A P	1		A		
Thru	A P	1		A		
Right	A P	1	,	A		
Peds		1	Peds			
WB Left	P	5		A		
Thru	Р	1		A		
Right	P	1		A		
Peds		1	Peds			
NB Right			EB Right			
SB Right		[WB Right			
Green	4.0 30.0			.8.0		
Yellow	5.0 5.0		5	5.0		
All Red	1.0 1.0			0		
	Thtongo	ction Performa		Cycle Ler	ngth: 70.	0 secs
Appr/ Lane	— — — — — — — — — — — — — — — — — — —	Ratios	Lane Gr		oroach	
		Natios	name Gr	oup Apr	JIOach	
	-	v/c g/C	Delay I	OS DO1:	ay LOS	
Grp Capa	acity (s)	v/c g/c	neray r	102 Dete	ау поз	
Eastbound	 3 1736	 	 30 1	····-		
Eastbound L 253 TR 110		0.80 0.60 0.82 0.60	30.1 19.7	C B 21.6	5 C	
L 253					5 C	
L 253	02 1837	0.82 0.60	19.7	В 21.6		
L 253 TR 110 Westbound	02 1837	0.82 0.60	19.7	В 21.6		
L 253 TR 110 Westbound LTR 878	02 1837 8 1963	0.82 0.60 1.15 0.45	19.7 97.5	B 21.6	5 F	
L 253 TR 110 Westbound LTR 878 Northbound	02 1837 8 1963	0.82 0.60 1.15 0.45	19.7 97.5	B 21.6	5 F	
L 253 TR 110 Westbound LTR 878 Northbound LTR 428 Southbound	02 1837 8 1963	0.82 0.60 1.15 0.45 0.02 0.29	19.7 97.5 18.0	B 21.6 F 97.5 B 18.0	5 F) B	

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD12 - WITH TIMING IMPROVEMENTS

	· ·	stbound	Westb	ound	CTION SUMM	und		nbound
	L	T R	L T	r R	L T	R	L '	r R I
No. La: LGConf	•	1 0 TR	¦0	1 0 LTR	0 1 LT	0 R	' 0 	1 0 LTR
Volume		940 4	0 81		11 1		166 2	104
Lane W. RTOR V	•	12.0 0	15	103	12.0	0	1:	1.0 38
			· · · · · · · · · · · · · · · · · · ·		·		 	
Duratio	on 0.25	Area		l other l Operat				
Phase (Combinatio	n 1 2	3	4	5	6	7	- 8
EB Le:		A P		, NB	Left A			
Th:		A P		1	Thru A			
	ght	A P		1	Right A			
Ped		_			Peds			
WB Let The		P		SB	Left A			
	ght	P P			Thru A Right A			
Ped		r		i i	Right A Peds			
NB Rig				l EB	Right			
SB Ric	- '			WB	Right			
Green	9 0	4.0 33.0		1 112	15.	n		
Yellow		5.0 5.0			5.0			
All Rec		1.0 1.0			1.0			
						cle Ler	ngth: 7	0.0 secs
		Interse	ction Pe	rformanc	e Summary		-	
Appr/	Lane	Adj Sat	Rati	.os	Lane Grou	p App	oroach	
Lane	Group	Flow Rate						_
Grp	Capacity	(s)	v/c	g/C				
				g/ C	Delay LOS	Dela	ay LOS	
						Dela	ay LOS	
L	265	1736	0.93	0.64	51.9 D	anny anny anny anny anny anny an	······································	
L		1736 1839				Dela 	······································	
L TR	265 1182		0.93	0.64	51.9 D	anny anny anny anny anny anny an	······································	
L TR Westbou	265 1182		0.93	0.64 0.64	51.9 D 17.7 B	24.3	3 C	
L TR Westbou LTR	265 1182 and 978	1839	0.93 0.88	0.64 0.64	51.9 D 17.7 B	24.3	3 C	
L TR Westbou LTR Northbo	265 1182 and 978	1839	0.93 0.88	0.64 0.64	51.9 D 17.7 B	24.3 57.0	3 C	
L TR Westbou LTR Northbo LTR	265 1182 and 978 ound 392	1839 1955	0.93 0.88	0.64 0.64 0.50	51.9 D 17.7 B	24.3 57.0	3 C	
L TR Westbou LTR Northbo LTR Southbo	265 1182 and 978 ound 392	1839 1955 1614	0.93 0.88 1.07	0.64 0.64 0.50	51.9 D 17.7 B 57.0 E	24.3 57.0 20.3	B C D E	
Eastbou L TR Westbou LTR Northbo LTR Southbo	265 1182 and 978 ound 392 ound 326	1839 1955	0.93 0.88 1.07 0.01	0.64 0.64 0.50 0.24	51.9 D 17.7 B 57.0 E 20.1 C	24.3 57.0 20.3	B C D E	

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD12 - WITH TIMING IMPROVEMENTS

2,	.0012 202	ст,	CNINITTED	TNMEDCE	CTTON CHIMAN	ov	
	Fac	SI	Westb		CTION SUMMAI Northbou		uthbound
	L	T R	L T		L T	RLL	T R
No. Lanes LGConfig Volume Lane Widt	L 195	1 0 TR 910 8			0 1 LTR 5 2 12.0	; 197	1 0 LTR 4 157 11.0
RTOR Vol		0	13	100		6	42
Duration	0.25	Area '	Type: Al				
Phase Com	hination	1 1 2	signa. 3	l Operat 4 l	5		<u>8</u>
EB Left Thru Right		A P A P A P	v	I NB	Left A Thru A Right A		-
Peds WB Left Thru		P P		 SB	Peds Left A Thru A		
Right Peds		p			Right A Peds		
NB Right		4 0 00 0		EB WB	Right Right		
Green Yellow All Red		4.0 30.0 5.0 5.0 1.0 1.0			18.0 5.0 1.0	la Tanakh.	70.0
		Interse	ction Pe	rformanc	e Summary	le Length:	70.0 secs
	ane roup	Adj Sat Flow Rate	Rati		Lane Group	Approac	h
	apacity	(s)	v/c	g/C	Delay LOS	Delay LO	S
Eastbound							
	253 1102	1736 1837	0.8 4 0.91	0.60 0.60	34.2 C 22.7 C	24.7 C	
Westbound	l						
LTR	898	1965	1.24	0.46	133.4 F	133.4 F	
Northboun	d						
LTR	430	1505	0.02	0.29	18.0 B	18.0 B	
Southboun	d						
LTR	389	1360	0.90	0.29	47.1 D	47.1 D)

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB12 - WITH IMPROVEMENTS

		ST	GNALTZEI	INTERSE	CTION SI	UMMARY	7				
	Eas	stbound	Westb	oound		hbounc	1		thboi	ınd	1
	L	T R	L T	r R	L	T F	۱ ۲	L	T	R	1
No. Lan	es	1 0		1 0	¦	1 0	¦-		<u>_</u>	<u></u>	_
LGConfi		TR		LTR	1	LTR	1		LT	R	1
Volume	187	688 0	10 54		0 1		12)	157	1
Lane Wi		12.0	1 15	5.0	1:	2.0			11.0	12.0	
RTOR Vo	Τ Ι	U	ı	11		U	ŧ			129	1
Duratio	n 0.25	Area		ll other al Operat							
Phase C	ombination	1 2	319118	4	10113	 5	6	7		3	
EB Lef	t	A P		NB	Left	A					
Thr		A P		1	Thru	A					
Rig]					Right						
Ped: WB Lef:		Р		I SB	Peds Left	A					
Thr		P		1 25	Thru	A					
Rig		P		i	Right	A					
Ped				1	Peds						
NB Righ				EB	Right						
SB Rigl	ht	4.0 24.0		WB	Right	24.0					
Green Yellow						24.U					
		ግ 11 ግ 11				5 N					
All Red		5.0 5.0 1.0 1.0				5.0 1.0					
						1.0	e Leng	rth:	70.0	se	ecs
All Red		1.0 1.0Interse		erformanc	e Summa	1.0 Cycle ry			70.0	s∈ 	ecs
All Red	Lane	1.0 1.0 Interse Adj Sat	ction Pe Rati		;	1.0 Cycle ry		th:	70.0	s∈	ecs
All Red Appr/ Lane	Lane Group	1.0 1.0Interse Adj Sat Flow Rate	Rati	LOS	e Summa Lane G	1.0 Cycle ry roup	Appr	oach	70.0	s∈ 	ecs
All Red Appr/ Lane Grp	Lane Group Capacity	1.0 1.0 Interse Adj Sat			e Summa	1.0 Cycle ry roup		oach	70.0	s e	ecs
All Red Appr/ Lane Grp Eastbour	Lane Group Capacity	Interse Adj Sat Flow Rate (s)	Rati v/c	g/C	e Summa Lane G Delay	1.0 Cycle ry roup LOS	Appr	oach	70.0	se	ecs
All Red Appr/ Lane Grp Eastbour L	Lane Group Capacity nd 254	Interse Adj Sat Flow Rate (s)	Rati 	g/C 0.51	e Summa Lane G Delay	1.0 Cycle ry roup LOS B	Appr	LOS	70.0	.se	ecs
All Red Appr/ Lane Grp Eastbour	Lane Group Capacity	Interse Adj Sat Flow Rate (s)	Rati v/c	g/C	e Summa Lane G Delay	1.0 Cycle ry roup LOS	Appr	oach	70.0	se 	ecs
All Red Appr/ Lane Grp Eastbour	Lane Group Capacity nd 254 946	Interse Adj Sat Flow Rate (s)	Rati 	g/C 0.51	e Summa Lane G Delay	1.0 Cycle ry roup LOS B	Appr	LOS	70.0	s e	ecs
All Red Appr/ Lane Grp Eastbour L TR	Lane Group Capacity nd 254 946	Interse Adj Sat Flow Rate (s)	Rati 	g/C 0.51 0.51	e Summa Lane G Delay 14.5	1.0 Cycle ry roup LOS B	Appr	LOS	70.0	se	ecs
All Red Appr/ Lane Grp Eastbour L TR Westbour	Lane Group Capacity nd 254 946 nd	1.0 1.0Interse Adj Sat Flow Rate (s)	Rati v/c 0.37 0.79	g/C 0.51 0.51	e Summa Lane G Delay 14.5	1.0 Cycle ry roup LOS B	Appr Delay	LOS	70.0	.se	ecs
All Red Appr/ Lane Grp Eastbour L TR Westbour	Lane Group Capacity nd 254 946 nd	1.0 1.0Interse Adj Sat Flow Rate (s)	Rati 	0.51 0.51	e Summa Lane G Delay	1.0 Cycle ry roup LOS B	Appr Delay	LOS B	70.0	.se	ecs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Lane Group Capacity nd 254 946 nd 724 und 692	1.0 1.0Interse Adj Sat Flow Rate (s)1736 1839	Rati 	0.51 0.51	e Summa Lane G Delay	1.0 Cycle ry roup LOS B B	Appr Delay 17.7	LOS B	70.0	.se	ecs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Lane Group Capacity nd 254 946 nd 724 und 692	1.0 1.0Interse Adj Sat Flow Rate (s) 1736 1839	Rati 	0.51 0.51 0.37	e Summa Lane G Delay 1 14.5 18.1	1.0 Cycle ry roup LOS B B	Appr Delay 17.7 50.2	LOS B D	70.0	se	ecs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbour LTR Southbour LT	Lane Group Capacity nd 254 946 nd 724 und 692 und 479	Interse Adj Sat Flow Rate (s) 1736 1839 1950 1863	Rati 	0.51 0.51 0.37	e Summa: Lane G: Delay: 14.5 18.1 50.2	1.0 Cycle ry roup LOS B B	Appr Delay 17.7	LOS B D	70.0	.se	ecs
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbou	Lane Group Capacity nd 254 946 and 724 und 692 and 479 580	1.0 1.0Interse Adj Sat Flow Rate (s) 1736 1839	Rati 	0.51 0.51 0.37 0.37	e Summa Lane G Delay: 14.5 18.1 50.2	1.0 Cycle ry roup LOS B B B	Appr Delay 17.7 50.2	D B		s	ecs

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB12 - WITH IMPROVEMENTS

		ST	GNALIZED	INTERSE	CTION SUMM	ARY			
	Eas	stbound	Westb		Northbo		Sout	hbound	
	L	T R	L T	R	L T	R	L	T R	
No. Lan	es	1 0	i	1 0	i 0 1	0 ;	0	1 1 1	
LGConfi		TŘ	•	LTR	LT			LT R	
Volume	87	688 0	10 54		10 1		237 0	•	
Lane Wi	•		15	.0	12.0		1	1.0 12.0	
RTOR Vo	1.	0	I	11	I	0 [129	
Duratio	n 0.25	Area		l other					
Phase C	ombination	n 1 2	srgna 3	l Operat 4	5	6	7	<u>8</u>	
EB Lef		A P	v	NB	Left A	Ť		Ů	
Thr	u	A P		Ì	Thru A				
Rig				I	Right				
Ped					Peds				
WB Lef		P		SB	Left A				
Thr Rig		P P		ļ	Thru A Right A				
Ped		Ľ		i	Peds				
NB Rig				, EB	Right				
SB Rig				WB	Right				
Green		4.0 24.0			24.				
Yellow		5 A 5 A							
		5.0 5.0			5.0				
All Red		1.0 1.0			1.0		~+h. 7	0 0 303	7
		1.0 1.0	ction Pe	rformanc	1.0 Cy		ngth: 7	0.0 secs	S
All Red	Lane	1.0 1.0Interse			1.0 Cy e Summary_	cle Ler	- 	0.0 sec:	s
		1.0 1.0	Rati		1.0 Cy e Summary_ Lane Grou	cle Ler p App	oroach	0.0 sec:	s
All Red	Lane	1.0 1.0Interse Adj Sat	Rati		1.0 Cy e Summary_	cle Ler p App	- 	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd	1.0 1.0Interse Adj Sat Flow Rate (s)	Rati v/c	os 	1.0 Cy e Summary_ Lane Grou Delay LOS	cle Ler p App	oroach	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd 254	Interse Adj Sat Flow Rate (s) 1736	Rati v/c 0.37	os 0.51	1.0 Cy e Summary_ Lane Grou Delay LOS	cle Ler p App Dela	oroach	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd	1.0 1.0Interse Adj Sat Flow Rate (s)	Rati v/c	os 	1.0 Cy e Summary_ Lane Grou Delay LOS	cle Ler p App	oroach	0.0 secs	s
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd 254 946	Interse Adj Sat Flow Rate (s) 1736	Rati v/c 0.37	os 0.51	1.0 Cy e Summary_ Lane Grou Delay LOS	cle Ler p App Dela	oroach	0.0 secs	s
All Red Appr/ Lane Grp Eastbou	Lane Group Capacity nd 254 946	Interse Adj Sat Flow Rate (s) 1736	Rati v/c 0.37 0.79	os 0.51	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B	rcle Ler p App Dela	oroach y LOS 7 B	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou L TR Westbou	Lane Group Capacity nd 254 946 nd	1.0 1.0Interse Adj Sat Flow Rate (s) 1736 1839	Rati v/c 0.37 0.79	0.51 0.51	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B	rcle Ler	oroach y LOS 7 B	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou L TR Westbou	Lane Group Capacity nd 254 946 nd	1.0 1.0Interse Adj Sat Flow Rate (s) 1736 1839	Rati 0.37 0.79	0.51 0.51 0.37	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B	rcle Ler App Dela 17.2	oroach Ay LOS B D	0.0 sec:	s
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbor	Lane Group Capacity nd 254 946 nd 724 und 692	1.0 1.0Interse Adj Sat Flow Rate (s) 1736 1839	Rati 0.37 0.79	0.51 0.51 0.37	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B	rcle Ler App Dela 17.5	oroach Ay LOS B D	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou L TR Westbou LTR Northbo	Lane Group Capacity nd 254 946 nd 724 und 692	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839 1950 1863	Rati v/c 0.37 0.79 1.01	0.51 0.51 0.37	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B	rcle Ler p App Dela 17.3	proach ay LOS B D	0.0 sec:	s
All Red Appr/ Lane Grp Eastbour L TR Westbour LTR Northbor LTR Southbor LT	Lane Group Capacity nd 254 946 nd 724 und 692 und 479	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839 1950 1863	Rati 	0.51 0.51 0.37	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B	rcle Ler p App Dela 17.3	proach ay LOS B D	0.0 sec:	s
All Red Appr/ Lane Grp Eastbou L TR Westbou LTR Northbo	Lane Group Capacity nd 254 946 nd 724 und 692 und 479 580	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839 1950 1863	Rati 	0.51 0.51 0.37 0.37 0.37	1.0 Cy e Summary_ Lane Grou Delay LOS 14.5 B 18.1 B 13.8 B	rcle Ler p App Dela 17.3	proach ay LOS B B B		S

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB12 - WITH IMPROVEMENTS

		ST	GNALLAGI)	CTION SUMMAR	RY		
	Eas	stbound	Westk		Northbour		Southbo	und
	L	T R	l L I	R	L T	R	L T	R
No. Lan	es 1	1. 0	· i0	1 0	0 1	- o i	0 1	i
LGConfi	g L	TR		LTR	LTR	1	$_{ m LT}$	R
Volume	217	876 4	10 74		•	3	166 2	97
Lane Wi	•	12.0	15	5.0	12.0	1	11.0	12.0
RTOR Vo	1.	0	I	103)		94
Duratio	n 0.25	Area		l other				
Dhase C	ombination	n 1 2	signa	al Operat 4	5	6	7	8
EB Lef		A P	J	I NB	Left A	O	,	0
Thr		A P		112	Thru A			
Rig		A P		i	Right A			
Ped				i	Peds			
WB Lef		P		i SB	Left A			
Thr	u	P		i	Thru A			
Rig	ht	Р		i	Right A			
Ped				İ	Peds			
NB Rig	ht			EB	Right			
SB Rig				WB	Right			
Green		5.0 34.0)		13.0			
Yellow		5.0 5.0			5.0			
All Red		1.0 1.0			1.0			
			_	_	_	le Len	igth: 70.0	secs
					e Summary			
Appr/	Lane	Adj Sat	Rati		e Summary Lane Group	App	roach	
Lane	Group	Adj Sat Flow Rate	Rati	los	Lane Group			
		Adj Sat	Rati				proach y LOS	
Lane Grp Eastbou	Group Capacity nd	Adj Sat Flow Rate (s)	Rati v/c	os g/C	Lane Group Delay LOS			
Lane Grp Eastbou	Group Capacity nd 279	Adj Sat Flow Rate (s)	Rati v/c 0.85	os <u>g/C</u> 0.67	Lane Group Delay LOS 38.0 D	Dela	y LOS	
Lane Grp Eastbou	Group Capacity nd	Adj Sat Flow Rate (s)	Rati v/c	os g/C	Lane Group Delay LOS		y LOS	
Lane Grp Eastbou	Group Capacity nd 279 1234	Adj Sat Flow Rate (s)	Rati v/c 0.85	os <u>g/C</u> 0.67	Lane Group Delay LOS 38.0 D	Dela	y LOS	
Lane Grp Eastbou L TR	Group Capacity nd 279 1234	Adj Sat Flow Rate (s) 1736 1838	Rati 	0.67 0.67	Lane Group Delay LOS 38.0 D	Dela	y LOS	
Lane Grp Eastbou	Group Capacity nd 279 1234 nd	Adj Sat Flow Rate (s) 1736 1838	Rati 	0.67 0.67	Delay LOS 38.0 D 11.1 B	Dela	y LOS	
Lane Grp Eastbou L TR Westbou	Group Capacity nd 279 1234 nd	Adj Sat Flow Rate (s) 1736 1838	Rati 	0.67 0.51	Delay LOS 38.0 D 11.1 B	Dela 16.4	B C	
Lane Grp Eastbou L TR Westbou LTR Northbo	Group Capacity nd 279 1234 nd 1004 und 348	Adj Sat Flow Rate (s) 1736 1838	Rati 	0.67 0.51	Lane Group Delay LOS 38.0 D 11.1 B	Dela 16.4	B C	
Lane Grp Eastbou L TR Westbou LTR Northbo LTR Southbou	Group Capacity nd 279 1234 nd 1004 und 348 und	Adj Sat Flow Rate (s) 1736 1838 1952	0.85 0.78 0.97	0.67 0.67 0.51	Lane Group Delay LOS 38.0 D 11.1 B 32.8 C	Dela 16.4 32.8	B C	
Lane Grp Eastbou L TR Westbou LTR Northbo LTR Southbou LT	Group Capacity nd 279 1234 nd 1004 und 348 und 276	Adj Sat Flow Rate (s) 1736 1838 1952	0.85 0.78 0.01	0.67 0.67 0.51	Delay LOS 38.0 D 11.1 B 32.8 C 21.7 C	Dela 16.4 32.8	B C	
Lane Grp Eastbou L TR Westbou LTR Northbo LTR Southbou	Group Capacity nd 279 1234 nd 1004 und 348 und 276 335	Adj Sat Flow Rate (s) 1736 1838 1952	0.85 0.78 0.01	0.67 0.67 0.51 0.21	Delay LOS 38.0 D 11.1 B 32.8 C 21.7 C	Dela 16.4 32.8	B C	

Analyst: RGD Inter.: ROUTE 202/35 & NYS ROUTE 132

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB12 - WITH IMPROVEMENTS

				SIC	SNALIZ	ED INTE	RSECTI	ON S	SUMMAI	RY				
		Ea:	stboun	******		tbound			thbour		Sou	thbo	und	
		L 	Т	R	L	T R	I		Т	R !	L	Т	R	1
No. 1	Lanes	i ————	1	0	0	1 0		0	1	0		1	1	i
LGCo	_	L	TR	1		LTR	1		LTR	1		$_{ m LT}$	R	}
Volur		183	805	8	3	828 20	9 5			5	197	4	145	4
		111.0	12.0			15.0	_	-	12.0	. !		11.0	12.0	1
RTOR	Aol			0		10	3		()			145	1
Durat	tion	0.25		Area 1		All oth nal Ope								
Phase	e Combi	natio	n 1	2	3.	4			5	6	7	***************************************	8	
EB I	Left		Α	P		1	NB Le	ft	Α					
	ľhru		Α	P		1	Th	ru	Α					
	Right		A	Р		1		ght	Α					
	Peds							ds						
	Left			Р		1		ft	A					
	Fhru			P		ļ		ru	A					
	Right			P		!		ght	A					
	Peds					!		ds						
	Right Right					•		ght						
Green	-		4.0	35.0		I	MD KI	ght	13.0					
Yello			5.0	5.0					5.0					
A11 F														
M I. I. I	кеа		1.0	1.0										
WTT I	кеа		1.0	1.0					1.0	le Len	gth:	70.0	s	ecs
		رين وجوارية ومنصدة مستحدة مستحدة مستحدة مستحدة المستحدة المستحدة المستحدة المستحدة المستحدة المستحدة المستحدة	In	itersed		Perform			1.0 Cycl ary				s 	ecs
Appr/	/ Lane		In Adj	itersed Sat		Perform tios			1.0 Cyc		gth: roach		s 	ecs
Appr/ Lane	/ Lane Gro	ıp	In Adj Flow	itersed Sat Rate	Ra 	tios	La 	ne (1.0 Cycl ary Group	App	roach	 1	s	ecs
Appr/	/ Lane Gro		In Adj Flow	itersed Sat			La 	ne (1.0 Cycl ary	App		 1	s 	ecs
Appr/Lane Grp Eastk	/ Lane Gro Cape	ip acity 	In Adj Flow (tersed Sat Rate	Ra v/c	tios g/C	La De	ne (1.0 Cyclary Group LOS	App	roach	 1	s 	ecs
Appr/Lane Grp Eastk	/ Land Grou Capa Dound 292	up acity 	In Adj Flow (173	Sat Rate s)	Ra v/c 0.70	g/C 0.67	La De 20	ne (1.0 Cyclary Group LOS	App	roach y LOS	 1	s 	ecs
Appr/Lane Grp Eastk	/ Lane Gro Cape	up acity 	In Adj Flow (Sat Rate s)	Ra v/c	g/C 0.67	La De 20	ne (1.0 Cyclary Group LOS	App	roach y LOS	 1	s 	ecs
Appr/Lane Grp Eastk	Land Grow Capa Dound 292 123	up acity 	In Adj Flow (173	Sat Rate s)	Ra v/c 0.70	g/C 0.67	La De 20	ne (1.0 Cyclary Group LOS	App	roach y LOS	 1	s 	ecs
Appr/ Lane Grp Eastk L TR	Land Grow Capa Dound 292 123	ip acity 2 33	In Adj Flow (173	Sat Rate s) 	0.70	g/C 0.67	La De 20 10	ne (1.0 Cyclary Group LOS	App Dela	roach y Los	 1	s 	ecs
Appra Lane Grp Eastk L TR Westk	Land Ground Capa Dound 292 123	ip acity 2 33	In Adj Flow (173	Sat Rate s) 	0.70	tios 	La De 20 10	ne (1.0 Cyclary Group LOS	App Dela	roach y Los	 1	s 	ecs
Appra Lane Grp Eastk L TR Westk	Land Grownd Capa Dound 123 Dound 104	1p acity 2 33	In Adj Flow (173 183	Sat Rate s) 	0.70 0.73	tios 	La 	ne (1ay .4 .1 .3	1.0 Cyc: ary Group LOS C B	App Dela 12.0	roach y Los	 1		ecs
Appr/Lane Grp Eastk L TR Westk LTR North	Land Grownd Capa Dound 12: Dound 104	1p acity 2 33	In Adj Flow (173 183	Sat Rate s) 	0.70 0.73	0.67 0.53	La 	ne (1ay .4 .1 .3	1.0 Cyc: ary Group LOS C B	App Dela 12.0	roach y Los	 1	s 	ecs
Appr/Lane Grp Eastk L TR Westk LTR North LTR South	Land Grow Capa Dound 123 Dound 104 Thound 309	1p	In Adj Flow (173 183	Sat Rate s) 66	0.70 0.73 0.95	0.67 0.53	La	ne (1/2) 1ay .4 .1	1.0 Cyclary Group LOS C B	App Dela 12.0 28.3	roach y Los B C	 1	s 	ecs
Appr/Lane Grp Eastk L TR Westk LTR North	Land Grow Capa Dound 123 Dound 104 abound 309 abound 274	1p	In Adj Flow (173 183	Sat Rate s) 66	0.70 0.73 0.95 0.05	0.67 0.53	La ————————————————————————————————————	ne (1/2) 1ay .4 .1	1.0 Cyc: ary Group LOS C B	App Dela 12.0 28.3	roach y Los B C	 1	S	ecs
Approduce Approduce Grp Eastk L TR Westk LTR North LTR South	Land Grow Capa Cound 292 123 cound 309 abound 274 339	1p acity 2 33	In Adj Flow (173 183 196 144 127 156	Rate (Sat) (0.70 0.73 0.95 0.05	0.67 0.53 0.21	La	ne (1/2) 1ay .4 .1 .3	1.0 Cyc: ary Group LOS C B	App Dela 12.0 28.3 21.9	roach y Los B C	h	s	ecs

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD12 - WITH IMPROVEMENTS

Eastbound Westbound Northbound Southbound L T R L	 -
No. Lanes 1 1 0 0 1 0 0 1 0 0 1 1 LTR LTR	 -
LGConfig L TR LTR LTR LT R	-¦
LGConfig L TR LTR LTR LT R	•
Valuma 199 602 0 10 557 139 10 1 0 1237 0 150	
	1
Lane Width 11.0 12.0 15.0 12.0 11.0 12.0	
RTOR Vol 0 11 0 129	
Duration 0.25 Area Type: All other areas	
Signal Operations Phase Combination 1 2 3 4 5 6 7 8	
Phase Combination 1 2 3 4 5 6 7 8 EB Left A P NB Left A	
Thru A P Thru A	
Right Right	
Peds Peds	
WB Left P SB Left A	
Thru P Thru A	
Right P Right A	
Peds Peds	
NB Right EB Right	
SB Right WB Right Green 4.0 24.0 24.0 24.0	
Yellow 5.0 5.0 5.0	
All Red 1.0 1.0 1.0	
	ecs
Intersection Performance Summary	
Appr/ Lane Adj Sat Ratios Lane Group Approach	
Lane Group Flow Rate	
Grp Capacity (s) v/c g/C Delay LOS Delay LOS	
Eastbound	
L 254 1736 0.38 0.51 14.4 B	
TR 946 1839 0.80 0.51 18.4 B 18.0 B	
Westbound	
LTR 725 1951 1.02 0.37 54.7 D 54.7 D	
Northbound	
LTR 692 1863 0.00 0.37 13.8 B 13.8 B	
Southbound	
LT 479 1289 0.55 0.37 18.1 B 17.7 B	

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD12 - WITH IMPROVEMENTS

		ST	GNALTZEL	INTERSE	CTION SUMMA	RY			
		 stbound	Westb		Northbour		Sout	hbound	
	L	T R	L T		L T	R		T R	i I
No. Lane	s	<u></u>	¦	1 0	0 1	- ¦		 1	¦
LGConfig	•	TR	1	LTR	LTR	i	J	LT R	i
Volume	225	940 4	0 81		*	3 İ	166 2		i
Lane Wid	·			.0	12.0	i		1.0 12.0	i
RTOR Vol	•	0	i	103		i c		94	i
			· 						
Duration	0.25	Area		l other l Operat					
Phase Co	mbinatior	1 1 2	3	4	5	6	<u>7</u>	8	
EB Left	;	A P		NB	Left A				
Thru	l	A P		1	Thru A				
Righ		A P		l	Right A				
Peds	3			1	Peds				
WB Left	:	P		SB	Left A				
Thru	ı	P		l	Thru A				
Righ	nt	P		l	Right A				
Peds	\$			į.	Peds				
NB Righ				EB	Right				
SB Righ	it			WB	Right				
Green		5.0 34.0			13.0				
Yellow		F 0 F 0							
		5.0 5.0			5.0				
All Red		1.0 1.0			1.0				
		1.0 1.0	D-		1.0 Cyc	le Len	gth: 7	0.0 s	secs
All Red		1.0 1.0 Interse			1.0 Cycle Summary			0.0 s	secs
All Red Appr/	Lane	1.0 1.0Interse Adj Sat	Rati		1.0 Cyc		gth: 7	0.0 s	ecs
All Red Appr/ Lane	Group	Interse Adj Sat Flow Rate	Rati	os 	1.0 Cycle Summary Lane Group	App	roach	0.0 s	secs
All Red Appr/ Lane		1.0 1.0Interse Adj Sat	Rati		1.0 Cycle Summary	App		0.0 s	secs
All Red Appr/ Lane Grp Eastboun	Group Capacity 	Interse Adj Sat Flow Rate (s)	Rati v/c	os 	1.0 Cycle Summary Lane Group Delay LOS	App	roach	0.0 s	secs
All Red Appr/ Lane Grp Eastboun L	Group Capacity .d 279	Interse Adj Sat Flow Rate (s)	Rati v/c 0.89	os g/C 0.67	1.0 Cyc: e Summary Lane Group Delay LOS	App Dela	roach y LOS	0.0 s	secs
All Red Appr/ Lane Grp Eastboun	Group Capacity 	Interse Adj Sat Flow Rate (s)	Rati v/c	os 	1.0 Cycle Summary Lane Group Delay LOS	App	roach y LOS	0.0 s	ecs
All Red Appr/ Lane Grp Eastboun L	Group Capacity d 279 1235	Interse Adj Sat Flow Rate (s)	Rati v/c 0.89	os g/C 0.67	1.0 Cyc: e Summary Lane Group Delay LOS	App Dela	roach y LOS	0.0 s	ecs
All Red Appr/ Lane Grp Eastboun L TR	Group Capacity d 279 1235	Interse Adj Sat Flow Rate (s)	Rati 	0.67 0.67	1.0 Cyc: e Summary Lane Group Delay LOS	App Dela 19.6	roach y LOS	0.0 s	secs
All Red Appr/ Lane Grp Eastboun L TR	Group Capacity dd 279 1235 dd 1005	1.0 1.0Interse Adj Sat Flow Rate (s)1736 1839	Rati 	0.67 0.67	1.0 Cycle Summary Lane Group Delay LOS 44.2 D 13.7 B	App Dela 19.6	roach y LOS	0.0 s	secs
All Red Appr/ Lane Grp Eastboun L TR Westboun LTR Northbou	Group Capacity dd 279 1235 dd 1005	1.0 1.0Interse Adj Sat Flow Rate (s)1736 1839	Rati 	0.67 0.67	1.0 Cyc: e Summary_ Lane Group Delay LOS 44.2 D 13.7 B	App Dela 19.6	roach y LOS B	0.0 s	secs
All Red Appr/ Lane Grp Eastboun L TR Westboun LTR Northbou	Group Capacity .d 279 1235 .d 1005 .nd	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839	Rati 	0.67 0.51	1.0 Cyc: e Summary_ Lane Group Delay LOS 44.2 D 13.7 B	App Dela 19.6	roach y LOS B	0.0 s	ecs
All Red Appr/ Lane Grp Eastboun L TR Westboun LTR Northbou LTR Southbou	Group Capacity 1d 279 1235 ad 1005 and 348	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839 1955	Rati -v/c 0.89 0.84 1.04	0.67 0.67 0.51	1.0 Cyc: e Summary_ Lane Group Delay LOS 44.2 D 13.7 B	App Dela 19.6 50.6	roach y LOS B C	0.0 s	secs
All Red Appr/ Lane Grp Eastboun L TR Westboun LTR Northbou LTR Southbou	Group Capacity 1d 279 1235 ad 1005 and 348 and 276	1.0 1.0	Rati v/c 0.89 0.84 1.04 0.01	0.67 0.67 0.51	1.0 Cyc: e Summary Lane Group Delay LOS 44.2 D 13.7 B 50.6 D 21.7 C	App Dela 19.6	roach y LOS B C	0.0 s	secs
All Red Appr/ Lane Grp Eastboun L TR Westboun LTR Northbou LTR Southbou	Group Capacity d 279 1235 d 1005 nd 348 nd 276 335	1.0 1.0 Interse Adj Sat Flow Rate (s) 1736 1839 1955 1622 1288 1561	Rati v/c 0.89 0.84 1.04 0.01	0.67 0.67 0.51 0.21 0.21	1.0 Cyc: e Summary Lane Group Delay LOS 44.2 D 13.7 B 50.6 D 21.7 C	App Dela 19.6 50.6 21.7	roach y LOS B C		secs

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year: 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD12 - WITH IMPROVEMENTS

		SI	GNALIZED	INTERSE	CTION SUMMAI	RY		
	Eas	stbound	Westb		Northbou		Southb	ound
	L 	T R	L T		L T	R	L T 	R İ
No. Lane	es	1 0	í <u>-</u>	1 0	0 1	0	0 1	<u>-</u> ¦
LGConfid	g L	TR	1	LTR	LTR		L'	r R
Volume	1195	910 8	13 93	3 209	5 2	6	1197 4	157
Lane Wid	dth 11.0	12.0	15	.0	12.0		11.	0 12.0
RTOR Vol	1	0	*******	103)	l	145
Duration	n 0.25	Area '		1 other				
Phase Co	ombination	1 2	signa 3	1 Operat	5	6	7	
EB Left		A P	J	, I NB	Left A	v	,	Ü
Thru		A P		1	Thru A			
Righ		A P		•	Right A			
Peds				i	Peds			
WB Left		Р		, I SB	Left A			
Thru		P		1	Thru A			
Righ		- P		ì	Right A			
Peds		_		i	Peds			
NB Righ				EB	Right			
SB Righ				i WB	Right			
Green		4.0 35.0		,	13.0			
Yellow		5.0 5.0			5.0			
All Red		1.0 1.0			1.0			
						le Lei	ngth: 70.	0 secs
		Interse	ction Pe	rformanc	e Summary			
Appr/	Lane	Adj Sat	Rati	os	Lane Group	Apı	proach	
Lane	Group	Flow Rate						
Grp	Capacity	(s)	v/c	g/C	Delay LOS	Dela	ay LOS	
Eastbour								
L	265	1736	0.80	0.67	29.7 C			
TR	1233	1837	0.81	0.67	12.1 B	15.	2 в	
Westbour	nd							
LTR	1050	1966	1.06	0.53	54.8 D	54.	8 D	
Northbou	und							
LTR	309	1442	0.05	0.21	21.9 C	21.	9 C	
Southbou	und							
T ID	274	1077	0.01	0 01	40 0 D	40	Λ P:	
LT	274		0.81		42.0 D	40.	ט פ	
R	335	1561						
	intersec	ction netay	= 34./	(sec/ve	h) Inters	ectio:	п доз = С	

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Area Type: All other areas Agency: JCE

Date: 2/15/2011 Period: AM PEAK HOUR Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Year :

Project ID: 1646AMEX13 E/W St: ROUTE 202/35 N/S St: SPRINGHURST ST/HIGH SCHOOL

		SIGNALIZE							
	Eastbound	· · · · · · · · · · · · · · · · · · ·	oound		hboun			thboun	· ·
	L T	R L 5	r R	L	T :	R	L	T	R
No. Lanes	0 1	 ¦ _ _	1 0	·¦		ōi-	0	1	i
LGConfig	LTR	ĺ	LTR	i	LTR	i		LTR	i
Volume	•	,	58 20	•	.0 1	3 7		42 1	4
Lane Width	15.0	15	5.0	1	.1.0			14.0	
RTOR Vol	8	ļ	1	l	1	Τ Ι		7	1
Duration	0.25 A	rea Type: Al Signa	ll other al Operat						
Phase Comb	lnation 1	2 3	4		5	6	7	8	
EB Left	P		NB	Left	A				
Thru	P		ļ.	Thru	A				
Right Peds	P		ļ	Right Peds	A X				
WB Left	P		l I SB	reas Left	A A				
Thru	P		l SB	Thru	A				
Right	P		i	Right	A				
Peds	_		i	Peds	X				
NB Right			, EB	Right					
SB Right			WB	Right					
Green	44.0				15.0				
Yellow	5.0				4.0				
All Red	1.0				1.0				
	Tnt	ersection Pe	~ ~ F ~ ~ ~ ~ ~ ~	o Cumma	_	e Leng	tn:	70.0	secs
Appr/ Lar				Lane G		 Appr	oach		
Lane Gro	_					I - I			
	pacity (s		g/C	Delay	LOS	Delay	LOS		
Eastbound									
LTR 13	310 1994	0.70	0.66	5.4	A	5.4	A		
Westbound									
LTR 87	1335	0.91	0.66	17.3	В	17.3	В		
Northbound									
Northbound LTR 30	00 1312	0.24	0.23	22.2	С	22.2	С		
	00 1312	0.24	0.23	22.2	С	22.2	С		
LTR 30	00 1312 55 1599						C C		

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST STRE

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMEX13
E/W St: ROUTE 202/35
N/S St: HIGH SCHOOL DRWY.

		SIC	GNALIZEC	INTERSE	CTION	SUMMAR	Y			
	East	bound	Westh			thboun		Sout	hbound	
	L	T R	l L I	R	L	T	R	L	T R	1
No. Lanes	i 0	1 0	i	1 0	i	1	0	0	1 0	i
LGConfig	į	LTR		LTR	İ	LTR	j		LTR	i
Volume	13 8	49 66	62 85	63 66	135	8 1	4	63 6	6	İ
Lane Widt	h 1	5.0	15	5.0	1	11.0	[1	4.0	
RTOR Vol	l	3		3		0			5	1
Duration	0.25	Area T		l other				M		
Phase Com	bination	1 2	srgna	4	10115	<u>-</u>	6	7	 8	
EB Left		P		NB	Left	A				
Thru		P		ĺ	Thru	Α				
Right		P		I	Right	. A				
Peds				ĺ	Peds	Х				
WB Left		P		SB	Left	Α				
Thru		P		i	Thru	A				
Right		P		i	Right					
Peds		_		i	Peds	X		•		
NB Right				, EB	Right					
SB Right				WB	Right					
Green	Λ	4.0		1 112	1(1giic	15.0				
Yellow		.0				4.0				
All Red		.0				1.0				
All Ved	1	.0					a Tar	ngth: 7	0 0	secs
		Intersec	rtion Pe	rformanc	e Summ		е вет	19 011. /	0.0	3603
Appr/ L	 ane	Intersec Adj Sat	Rati			Group	App	roach		
	-	Flow Rate							_	
Grp C	apacity	(s)	v/c	g/C	Delay	LOS	Dela	ay LOS		
Eastbound										
LTR	1305	1986	0.77	0.66	6.5	A	6.5	Α		
Westbound										
LTR	1138	1731	0.91	0.66	5.7	A	5.7	A		
Northbound	d									
LTR :	316	1381	0.20	0.23	22.0	С	22.0) C		
Southbound										
LTR	339	1483	0.23	0.23	22.1	С	22.3	l C		
:	Intersect	ion Delay	= 7.2	(sec/ve	h) I	nterse	ction	n LOS =	A	

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATEX13 E/W St: ROUTE 202/35

N/S St: HIGH SCHOOL DRWY.

Intersection Performance Summary Appr/ Lane		SIC	GNALIZED	INTERSE	CTION	SUMMAR	Y			
L T R L T		~						Sout	nbound	<u> </u>
LTR		L T R	L T	R			·-			j
Volume	No. Lanes	0 1 0	i	ī 0	i 0	1 (i-	0	1 0	i
Lane Width 15.0 15.0 11.0 14.0	LGConfig	LTR		LTR	İ	LTR	i		LTR	ĺ
RTOR Vol 1	Volume	18 842 36	49 883	3 73	28	7 33	3 j į	59 8	14	ĺ
Duration 0.25 Area Type: All other areas Signal Operations	Lane Width	15.0	15.	. 0		11.0	1	1.	4.0	i
Phase Combination 1	RTOR Vol	1.	I	3	1	0	1		12	1
Phase Combination 2 3 4 5 6 7 8	Duration	0.25 Area T								
EB Left	Phase Combin	nation 1 2				5	6	- 7	8	
Thru P Thru A Right A Peds Peds X Peds	EB Left	P		•	Left		-		•	
Right P Right A Peds X	Thru			i						
Peds Peds	Right	P		ĺ		A				
WB Left Thru P Thru P P P P P P P P P P P P P P P P P P P				i	_					
Right P Right A Peds X Peds X NB Right EB Right February Right February Right Righ	WB Left	P		l SB	Left	A				
Peds Peds X EB Right EB Right EB Right	Thru	P		i	Thru	А				
Peds Peds X EB Right EB Right	Right	P		l		A				
SB Right Green	Peds			Ì	_					
WB Right WB Right St.0	NB Right			EB	Right					
Green 44.0	SB Right			WB	_					
All Red	Green	44.0			_	15.0				
Cycle Length: 70.0 sec	Yellow	5.0				4.0				
Intersection Performance Summary Appr/ Lane Adj Sat Ratios Lane Group Approach Lane Group Flow Rate Grp Capacity (s) v/c g/C Delay LOS Delay LOS Eastbound LTR 1295 1970 0.74 0.66 5.3 A 5.3 A Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C	All Red	1.0				1.0				
Appr/ Lane Adj Sat Lane Group Ratios Lane Group Approach Grp Capacity (s) v/c g/c Delay LoS Delay LoS Eastbound LTR 1295 1970 0.74 0.66 5.3 A 5.3 A Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C						Cycle	e Leng	gth: 70	0.0	secs
Lane Group Flow Rate Grp Capacity (s) v/c g/C Delay LOS Delay LOS Eastbound LTR 1295 1970 0.74 0.66 5.3 A 5.3 A Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C		Intersec	ction Per	formanc	e Summ	ary				
Grp Capacity (s) v/c g/C Delay LOS Delay LOS Eastbound LTR 1295 1970 0.74 0.66 5.3 A 5.3 A Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C	Appr/ Lane	Adj Sat	Ratio	os	Lane	Group	Appı	roach		
Eastbound LTR 1295 1970 0.74 0.66 5.3 A 5.3 A Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C										
LTR 1295 1970 0.74 0.66 5.3 A 5.3 A Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C	Grp Capa	city (s)	v/c	g/C	Delay	LOS	Delay	/ LOS	_	
Westbound LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C	Eastbound						···			
LTR 1178 1793 0.92 0.66 11.3 B 11.3 B Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C	LTR 129	1970	0.74	0.66	5.3	A	5.3	A		
Northbound LTR 329 1438 0.23 0.23 22.1 C 22.1 C	Westbound									
LTR 329 1438 0.23 0.23 22.1 C 22.1 C	LTR 117	8 1793	0.92	0.66	11.3	В	11.3	В		
	Northbound									
Southhound	LTR 329	1438	0.23	0.23	22.1	С	22.1	C		
SouthBound	Southbound									
LTR 341 1490 0.23 0.23 22.1 C 22.1 C	LTR 341	1490	0.23	0.23	22.1	С	22.1	С		
Intersection Delay = 9.4 (sec/veh) Intersection LOS = A	Int	ersection Delay	= 9.4	(sec/vel	h) I	nterse	ction	LOS =	A	

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Area Type: All other areas Agency: JCE

Date: 2/15/2011 Period: AM PEAK HOUR Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Year :

Project ID: 1646AMNB13 E/W St: ROUTE 202/35 N/S St: SPRINGHURST ST/HIGH SCHOOL

		sı	GNALIZED	INTERSE	CTION S	SUMMAR	Y.			
	•	tbound	Westb	ound	•	thboun	d		thbound	•
	L 	T R	L T	R	L	T	R	L	T F	!
No. Lane	s i 0	1 0	0	1 0	i 0		0	0	<u> </u>	
LGConfig		LTR	•	LTR	1	LTR	ļ		LTR	l
Volume	3		164 61		,	11 1	4		45 15	
Lane Wid		15.0	15	.0]	11.0	1 1		14.0	
RTOR Vol	I	8	1	1	1	1	T 1		7	I
Duration	0.25	Area		l other l Operat						
Phase Co	mbination	1 2	3	4		5	6	<u>_</u>	8	
EB Left		P		NB	Left	Α				
Thru		P		I	Thru	Α				
Righ		P		Ţ	Right					
Peds				1	Peds	X				
WB Left		P		SB	Left -	A				
Thru		P		ļ .	Thru	A				
Righ		P		ļ.	Right					
Peds					Peds	X				
NB Righ				EB WB	Right Right					
SB Righ Green	L	44.0		I M D	KIGIIC	15.0				
Yellow		5.0				4.0				
All Red		1.0				1.0				
*****		1.0					e Len	gth:	70.0	secs
				rformanc					·	
	Lane	Adj Sat	Rati	.05	Lane	Group	App	roach		
	Group	Flow Rate								
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	рета	y Los		
Eastboun	d									
LTR	1310	1993	0.76	0.66	6.3	A	6.3	A		
Westboun	d									
LTR	852	1296	1.01	0.66	37.0	D	37.0	D		
Northbou	nd									
LTR	296	1296	0.26	0.23	22.3	С	22.3	С		
Southbou	nd									
		1.600	0.00	0.00	00 1	~	22 -	~		
LTR	366	1603	0.39	0.23	23.1	Ü	23.1	С		

Analyst: RGD Agency: JCE

Inter.: ROUTE 202/35 & SPRINGHURST ST

Area Type: All other areas

Date: 2/11/11 Period: PM PEAK HOUR Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Year :

Project ID: 1646PMNB13 E/W St: ROUTE 202/35

N/S St: SPRINGHURST/HIGH SCHOOL DRWY.

		SI	GNALIZED	INTERSE	CTION SU	UMMARY			
	Eas	tbound	Westh	ound	North	nbound	Sou	thbound	
	L	T R	L T	R	L 7	r R	L	T R	
No. Lanes	i 0	1 0	i	1 0	i 0	1 0	- i	1 0	 '
LGConfig	1	LTR	1	LTR		LTR	1	LTR	
Volume	15	960 70	166 96	56 70	137 8	15	67	6 8	
Lane Widt	h	15.0	1 15	5.0	11	1.0	1	14.0	
RTOR Vol	1	3	1	3	1	0	I	6	1
Duration	0.25	Area		l other					
Phase Com	bination	1 2	3	4	TO112	5 6	7	 8	
EB Left		P -	-	i NB	Left	A		-	
Thru		P		i	Thru	A			
Right		P		i	Right	A			
Peds		_		i	Peds	X			
WB Left		P		i SB	Left	A			
Thru		P		1	Thru	A			
Right		P		i	Right	A			
Peds		_		i	Peds	X			
NB Right				 EB	Right	21			
SB Right				WB	Right				
Green		44.0		I MD		15.0			
Yellow		5.0				4.0			
		J. U							
711 Pad		1 0							
All Red		1.0				1.0	ength:	70.0	secs
All Red			ction Pe	erformanc	1	1.0 Cycle L	ength:	70.0	secs
	 ane		ction Pe Rati		1	l.0 Cycle L ry	ength:		secs
Appr/ L	ane	Interse Adj Sat	Rati		e Summan	l.0 Cycle L ry			secs
Appr/ L Lane G		Interse	Rati		e Summan	1.0 Cycle L ry roup A			secs
Appr/ L Lane G	ane roup	Interse Adj Sat Flow Rate	Rati	.os 	e Summan Lane Gi	1.0 Cycle L ry roup A	pproach		secs
Appr/ L Lane G Grp C	ane roup apacity	Interse Adj Sat Flow Rate (s)	Rati v/c	.os - <u></u> g/C 	e Summan Lane Gn Delay I	1.0 Cycle L ry roup A LOS De	pproach		secs
Appr/ L Lane G Grp C	ane roup	Interse Adj Sat Flow Rate	Rati	.os 	e Summan Lane Gn Delay I	1.0 Cycle L ry roup A	pproach		secs
Appr/ L Lane G Grp C	ane roup apacity	Interse Adj Sat Flow Rate (s)	Rati v/c	.os - <u></u> g/C 	e Summan Lane Gn Delay I	1.0 Cycle L ry roup A LOS De	pproach		secs
Appr/ L Lane G Grp C Eastbound LTR Westbound	ane roup apacity 	Interse Adj Sat Flow Rate (s)	Rati	0.66	e Summan Lane Gn Delay I	1.0 Cycle L ry roup A LOS De	pproach lay LOS		secs
Appr/ L Lane G Grp C Eastbound LTR Westbound	ane roup apacity 1300	Interse Adj Sat Flow Rate (s)	Rati	0.66	e Summan Lane Gn Delay I	1.0 Cycle L ry roup A LOS De	pproach lay LOS		secs
Appr/ L Lane G Grp C Eastbound LTR Westbound LTR	ane roup apacity 1300	Interse Adj Sat Flow Rate (s) 1979	Rati	0.66	e Summan Lane Gn Delay I	C 26	pproach lay LOS		secs
Appr/ L Lane G Grp C Eastbound LTR Westbound LTR Northbound	ane roup apacity 1300 1122 d	Interse Adj Sat Flow Rate (s) 1979	Rati	0.66	e Summan Lane Gn Delay I	C 26	pproach lay LOS A		secs
Appr/ L Lane G Grp C Eastbound LTR Westbound LTR Northbound LTR Southbound	ane roup apacity 1300 1122 d	Interse Adj Sat Flow Rate (s) 1979 1708	Rati 	0.66	e Summan Lane Grand Delay I	C 26	pproach lay Los A .9 C		secs
Appr/ L Lane G Grp C Eastbound LTR Westbound LTR Northbound LTR Southbound	ane roup apacity 1300 1122 d 314 d 336	Interse Adj Sat Flow Rate (s) 1979 1708	Rati 	0.66 0.23	e Summan Lane Gn Delay I 8.7 26.9	C 22	pproach lay Los A .9 C		secs

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATNB13
E/W St: ROUTE 202/35
N/S St: SPRINGHURST ST/HIGH SCHOOL

		SI	GNALIZED	INTERSE	CTION SU	JMMARY			
	l Eas	tbound	Westb			nbound	I Sout	thbound	1
	i L	T R	L T		I L I		L	T R	1
No. Lane	s	1 0	i 0	1 0	¦	1 0	i	1 0	¦
LGConfig		LTR		LTR	Ì	LTR	İ	LTR	ĺ
Volume	121	950 38	52 99		130 7	35	163	3 16	į
Lane Wid	lth	15.0	i 15	.0	11	1.0	1 :	14.0	į
RTOR Vol	.	1	İ	3		0	1	13	İ
Duration	0.25	Area		1 other			·····		
Phase Co	mbinatior	1 1 2	3	l Operat 4 l	10118	5 6	7	 8	
EB Left		. i 2	J	NB	Left	A	,	ŭ	
Thru		P		1	Thru	A			
Righ		P		i	Right	A			
Peds		-		i	Peds	X			
WB Left		P		, SB	Left	A			
Thru		P P		i	Thru	A			
Righ		P		i	Right	A			
Peds		~		i	Peds	X			
NB Righ				EB	Right				
SB Righ				WB	Right				
Green	. •	44.0		, ,,,		15.0			
Yellow		5.0				4.0			
All Red		1.0				1.0			
					_		ngth:	70.0	secs
						CYCIC DC			
		Interse	ction Pe	rformanc	e Summaı	-	9 •		
Appr/	Lane	Interse Adj Sat	ction Pe Rati		e Summaı Lane Gı	ry	proach		
	Lane Group		Rati			ry			
Lane		Adj Sat	Rati			ry roup Ap			
Lane	Group Capacity	Adj Sat Flow Rate	Rati	.os	Lane Gi	ry roup Ap	proach		
Lane Grp	Group Capacity	Adj Sat Flow Rate	Rati	.os	Lane Gr Delay I	ry roup Ap	proach ay LOS		
Lane Grp Eastboun	Group Capacity d 1286	Adj Sat Flow Rate (s)	Rati v/c	.os g/C 	Lane Gr Delay I	ry roup Ap Del	proach ay LOS		
Lane Grp Eastboun LTR Westboun	Group Capacity d 1286	Adj Sat Flow Rate (s) 	Rati 	0.66	Lane Gr	ry roup Ap Del	proach ay LOS		
Lane Grp Eastboun LTR Westboun	Group Capacity d 1286 d 1166	Adj Sat Flow Rate (s) 	Rati 	0.66	Lane Gr	ryAp LOS Del A 6.0	proach ay LOS		
Lane Grp Eastboun LTR Westboun LTR	Group Capacity d 1286 d 1166	Adj Sat Flow Rate (s) 	Rati v/c 0.83	0.66	Lane Gr Delay I 6.0	coup Ap LOS Del A 6.0	proach ay LOS		
Lane Grp Eastboun LTR Westboun LTR Northbou	Group Capacity d 1286 d 1166 nd 327	Adj Sat Flow Rate (s) 1957	Rati v/c 0.83	0.66	Lane Gr Delay I 6.0	coup Ap LOS Del A 6.0	proach ay LOS A		
Lane Grp Eastboun LTR Westboun LTR Northbou LTR	Group Capacity d 1286 d 1166 nd 327	Adj Sat Flow Rate (s) 1957	Rati v/c 0.83 1.04	0.66 0.23	Lane Gr Delay I 6.0 27.6	ry	proach ay LOS A 6 C		

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD13 E/W St: ROUTE 202/35 N/S St: SPRINGHURST ST/HIGH SCHOOL

		SI	GNALIZEL	INTERSE	CTION :	SUMMAR	. I			
	•	tbound	Westb		· · ·	thboun			thboun	=
	L	T R	L T	R	L	T	R	L	T	R
No. Lane	s	1 0	0	1 0	¦	<u></u>	·ō¦-	0	<u>_</u>	0
LGConfig	i	LTR	j	LTR	Ì	LTR	Ī		LTR	ĺ
Volume	13		164 62		•		.4		45 1	6
Lane Wid		15.0	15	.0		11.0	_		14.0	!
RTOR Vol		8	I	1		1	.1		7	I
Duration	0.25	Area		l other						
Phase Co	mbination	1 2	3	4	10110	5	6	 7	8	
EB Left		P		NB	Left	Α				
Thru		P		1	Thru	A				
Righ		P		I	Right					
Peds				1	Peds	X				
WB Left		P		SB	Left	A				
Thru		P		ļ	Thru	A				
Righ		P		!	Right					
Peds					Peds	X				
NB Righ				EB	Right					
SB Righ	.t	44.0		WB	Right	15.0				
Green Yellow		5.0				4.0				
All Red		1.0				1.0				
All ved		1.0					e Len	gth:	70.0	secs
				rformanc					····	
	Lane	Adj Sat	Rati	os	Lane (Group	App	roach		
	Group	Flow Rate					5-1-			
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Dela	y LOS		
Eastboun	<u>d</u>									
LTR	1310									
	1310	1993	0.77	0.66	6.4	A	6.4	Α		
Westboun		1993	0.77	0.66	6.4	A	6.4	Α		
		1993 1299		0.66						
Westboun	d 854									
Westboun LTR	d 854		1.03	0.66	34.4	С	34.4	С		
Westboun LTR Northbou	d 854 nd 296	1299	1.03	0.66	34.4	С	34.4	С		
Westboun LTR Northbou LTR	d 854 nd 296	1299	1.03	0.66	34.4	С	34.4	C		

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMBD13
E/W St: ROUTE 202/35
N/S St: SPRINGHURST ST/HIGH SCHOOL

		21	GNWPT7FF) INTERSE	CTION S	ARMMO	Y				
		tbound	Westh			hboun			ıthbo		l
	∦ L l	T R	L I	. R	L	Т	R	L	T	R	
No. Lanes	i 0	1 0	'i	1 0	' <u>-</u>	1	 '		1	0	¦
LGConfig		LTR		LTR		LTR	1		$_{ m LT}$		-
Volume	•	1022 70	•	29 70	37 8		5	67	6	10	
Lane Width	n. 	15.0	1 12	5.0 2	I T	1.0			14.0	9	į i
KIOK VOI			I 		·					<i>9</i> 	
Duration	0.25	Area		1 other 1 Operat							
Phase Comb	bination	1 2	3	4		5	6	<u></u>		8	
EB Left		P 		NB	Left	A					
Thru		P		l I	Thru	A					
Right Peds		P		l I	Right Peds	A X					
WB Left		Р		l SB	Left	A					
Thru		P		l SB	Thru	A					
Right		P		i	Right	A					
Peds				Ì	Peds	X					
NB Right				EB	Right						
SB Right				WB	Right						
Green		44.0				15.0					
Yellow All Red		5.0				4.0					
VII VEG		1 1				1 0					
		1.0				1.0 Cycl	e Len	gth:	70.0	ļ	secs
		Interse		erformanc		Cycl ry		- 			secs
	ane	Interse Adj Sat	Rati		e Summa Lane G	Cycl ry		gth:			secs
Lane Gr	ane roup	Interse Adj Sat Flow Rate	Rati	.05	Lane G	Cycl ry roup	App	roach	ì		secs
Lane Gr	ane	Interse Adj Sat	Rati			Cycl ry roup	App	- 	ì		secs
Lane Gr	ane roup	Interse Adj Sat Flow Rate	Rati	.05	Lane G	Cycl ry roup	App	roach	ì		secs
Lane Gr Grp Ca Eastbound	ane roup	Interse Adj Sat Flow Rate	Rati	.os g/C 	Lane G Delay	Cycl ry roup LOS	App	roach	ì		secs
Lane Gr Grp Ca Eastbound	ane roup apacity	Interse Adj Sat Flow Rate (s)	Rati v/c	.os g/C 	Lane G Delay	Cycl ry roup LOS	App —————	roach	ì		secs
Lane Gr Grp Ca Eastbound LTR 1	ane roup apacity	Interse Adj Sat Flow Rate (s)	Rati 	.os g/C 	Lane G Delay 11.4	Cycl ry roup LOS B	App Dela 11.4	roach	ì		secs
Lane Gr Grp Ca Eastbound LTR 1	ane roup apacity 	Interse Adj Sat Flow Rate (s)	Rati 	g/C 0.66	Lane G Delay 11.4	Cycl ry roup LOS B	App Dela 11.4	roach	ì		secs
Lane Grand Castbound LTR 1 Westbound LTR 1 Northbound	ane roup apacity 	Interse Adj Sat Flow Rate (s)	Rati v/c 0.93	g/C 0.66	Lane G	Cycl ry roup LOS B	App Dela 11.4 55.0	roach y LOS B	ì		secs
Lane Grand Castbound LTR 1 Westbound LTR 1 Northbound	ane roup apacity 1291	Interse Adj Sat Flow Rate (s) 1964	Rati v/c 0.93	0.66	Lane G	Cycl ry roup LOS B	App Dela 11.4 55.0	roach y LOS B	ì		secs
Lane Grand Carp Carp Carp Carp Carp Carp Carp Carp	ane roup apacity 1291	Interse Adj Sat Flow Rate (s) 1964	Rati v/c 0.93 1.11	0.66 0.23	Delay 11.4 55.0+	Cycl ry Eroup LOS B	App Dela 11.4 55.0	roach y Los B + E	ì		secs

Analyst: RGD Inter.: ROUTE 202/35 & SPRINGHURST ST

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Period: SATURDAY PEAK HOUR Jurisd: 2013 BUILD TRAFFIC VOLUMES

Year :

Project ID: 1646SATBD13 E/W St: ROUTE 202/35 N/S St: SPRINGHURST ST/HIGH SCHOOL

			GNALIZEL) INTERSE	CTION SUM	MARY			
	-	tbound	Westb		North			hbound	Į
	L	T R	l L I	R	l T	R	L	T R	
No. Lanes	0	1 0	i	1 0	i 1	i		1 0	¦
LGConfig		LTR	1	LTR	-	TR		LTR	1
Volume	-	1051 38		95 77	30 7	,		3 20	1
Lane Widt RTOR Vol	n	15.0	1 72	5.0	11.	.U [-	14.0 17	
RTUR VOI	I	1	1	2	I	U ļ		Τ./	1
Duration	0.25	Area		l other 1 Operat					
Phase Com	bination	1 2	3	4			7	8	·——·
EB Left		P		NB	Left <i>F</i>				
Thru		P		Į.	Thru A				
Right		P		ļ	Right A				
Peds WB Left		D			Peds X				
Thru		P P		SB	Thru F				
Right		P		l I	Right A	**			
Peds		1		i	Peds >				
NB Right				, EB	Right	•			
SB Right				WB	Right				
Green		44.0		,		5.0			
Yellow		5.0			4.				
All Red		1.0			1.	. 0			
					(Cycle Ler	aath: 1	70.0	secs
		- .		<i>_</i> _			.90		
Appr/ L	 ane				e Summary				
	ane roup	Interse Adj Sat Flow Rate	Rati				roach		
Lane G		Adj Sat	Rati		e Summary	oup Apr		ord such	
Lane G	roup apacity 	Adj Sat Flow Rate	Rati	.os	e Summary Lane Gro	oup Apr	roach		
Lane G Grp C Eastbound	roup apacity 	Adj Sat Flow Rate	Rati	.os	e Summary Lane Gro Delay Lo	oup Apr	roach		
Lane G Grp C Eastbound	roup apacity 	Adj Sat Flow Rate (s)	Rati v/c	.os g/C	e Summary Lane Gro Delay Lo	oup Apr	oroach		
Lane G. Grp C. Eastbound	roup apacity 	Adj Sat Flow Rate (s)	Rati v/c 0.93	0.66	e Summary Lane Gro Delay Lo	oup Apr DS Dela	proach Y LOS A		
Lane G. Grp C. Eastbound LTR Westbound	roup apacity 1274 1203	Adj Sat Flow Rate (s)	Rati v/c 0.93	0.66	E Summary Lane Gro Delay Lo	oup Apr DS Dela	proach Y LOS A		
Lane G Grp C Eastbound LTR Westbound LTR	roup apacity 1274 1203	Adj Sat Flow Rate (s)	Rati v/c 0.93	0.66	E Summary Lane Gro Delay Lo	oup App DS Dela A 6.0	proach A D		
Lane G. Grp C. Eastbound LTR Westbound LTR Northbound	roup apacity 1274 1203 d 327	Adj Sat Flow Rate (s) 1938	Rati v/c 0.93	0.66	E Summary Lane Gro Delay Lo 6.0 A	oup App DS Dela A 6.0	proach A D		
Lane G Grp C Eastbound LTR Westbound LTR Northbound LTR Southbound	roup apacity 1274 1203 d 327	Adj Sat Flow Rate (s) 1938 1773	Rati v/c 0.93 1.10	0.66 0.68	E Summary Lane Gro Delay Lo 6.0 A	Oup App DE	Proach A D C		

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMEX14

E/W St: ROUTE 202/35

N/S St: GRANITE SPRINGS/MIDDLE SCHOOL

			SI	GNALIZE	ED INTERSE	ECTION S	SUMMAI	RY			
		Eastbou			bound		thbour		Sou	thbo	und
] 	L T	R	L 	T R	L 	T	R	L	Т	R
No. La	anes	1 1	0	i <u>-</u>	1 0	-¦		- i		1	
LGCon	fig 1	L TR		L	TR		LTR			LT	R
Volume	e 10	00 659	30	135 3	386 55	35 8	33 1	L77	142	82	312
Lane V	Width 11	1.0 11.0		11.0 1	1.0	1	11.0			12.0	12.0
RTOR V	Vol		2	I	7	1	 i	77			268
Durat	ion 0	. 25	Area '		All other hal Operat						
Phase	Combinat	ion 1	<u>_</u>	3	4	JEO1115	-	<u>-</u>	<u></u> _		 8
	eft	A	Þ	_	i NB	Left	Ā		•		-
Th	hru		₽		i	Thru	A				
R:	ight		P		İ	Right	A				
	eds				į	Peds	Х				
WB Le	e£t	Α	P		SB	Left	Α				
Th	nru		P		İ	Thru	Α				
R	ight		P		1	Right	Α				
₽€	eds				1	Peds	Х				
NB Ri	ight				! EB	Right					
SB Ri	ight				WB	Right					
Green	_	4.0	34.0			_	15.0				
Yellov	Ŋ	5.0	5.0				4.0				
All Re	∍d	1.0	1.0				1.0				
							Cycl	le Len	gth:	70.0	secs
		Ir	nterse	ction E	Performanc	ce Summa	ary				
Appr/	Lane	Ad	j Sat	Rat	ios	Lane (Group	App	roach		.
Lane	Group	Flov	v Rate								
Grp	Capaci	ty	(s)	v/c	g/C	Delay	LOS	Dela	y Los		
Eastbo	ound						************	mer source weeks among cooker have to	···		
\mathbf{L}	508	173	36	0.21	0.66	5.6	A				
TR	917	178	33	0.81	0.51	20.6	С	18.7	В		
Westbo											
${ t L}$	304	173		0.48	0.66	10.2	В				
TR	895	174	11	0.53	0.51	13.6	В	12.8	В		
Northk	oound										
LTR	237	103	39	1.02	0.23	91.0	F	91.0	F		
Southb	oound										
LT	231	101	1.0	1.08	0.23	108.5	ជ	94.2	F		
R	365	159		0.13	-			24.4	Ŀ		
1/					0.23 ' (sec/ve			ection	T.O.G	= D	
	T11 C G T	PECCTOIL	летай	- 50.7	(26C) A6	71. TI	・「ニスタ	SCUTOIL	TOO	– v	

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMEX14
E/W St: ROUTE 202/35
N/S St: MIDDLE SCHOOL DRWY.

			SIC	GNALIZE) INTERSE	CTION	SUMMAR	Υ.			
	I Eas	stbour			oound		thboun		Sou	thbound	1 E
	L	Т	R	•	r R	L		R	L		R
No. Lane	s		0	' 1	1 0	·¦		i		1	' 1
LGConfig	•	TR	O	, <u> </u>	TR	1	LTR	İ		LT	RI
Volume	1257	667	2		05 140	16	33 5	4 i	107		60
Lane Wid	•			111.0 1		•	11.0	i		12.0 1	
RTOR Vol	•	11.0	0	, <u> </u>	9	1	0	į			50
				I		· 					
Duration	0.25		Area 1		ll other al Operat						
Phase Co	mbination	n 1	2	3	4		5	6	7	8	
EB Left		A	P		NB	Left	A				
Thru			P		l	Thru	Α				
Righ	t		P		l	Right	A				
Peds					l	Peds	X				
WB Left		A	P		SB	Left	A				
Thru			P		1	Thru	Α				
Righ	t		P		1	Right	A				
Peds					1	Peds	X				
NB Righ	t				EB	Right					
SB Righ	t				WB	Right					
Green		4.0	34.0				15.0				
Yellow		5.0	5.0				4.0				
All Red		1.0	1.0				1.0				
			. +		-		_	e Len	gth:	70.0	secs
7/	T					e Summ		7 ~~	wo a a b		
	Lane	Adj	Sat	Rat:			ary Group	App	roach		
Lane	Group	Adj Flow	Sat Rate	Rat:	ios 	Lane	Group				
Lane		Adj Flow	Sat			Lane			roach y LOS		
Lane Grp ————Eastboun	Group Capacity d	Adj Flow	Sat Rate (s)	Rat: v/c	ios g/C	Lane Delay	Group LOS				
Lane Grp Eastboun L	Group Capacity d 254	Adj Flow (Sat Rate (s) 	v/c 1.09	ios g/C 	Delay 93.8	Group LOS F	Dela	y LOS		
Lane Grp Eastboun	Group Capacity d	Adj Flow	Sat Rate (s) 	Rat: v/c	ios g/C	Lane Delay	Group LOS		y LOS		
Lane Grp Eastboun L	Group Capacity d 254 922	Adj Flow (Sat Rate (s) 	Rat. v/c 1.09 0.78	ios g/C 0.66 0.51	Delay 93.8 18.7	Group LOS F	Dela	y LOS		
Lane Grp Eastboun L	Group Capacity d 254 922	Adj Flow (Sat Rate (s) 36 22	Rat. v/c 1.09 0.78	0.66 0.66	Delay 93.8	Group LOS F	Dela	y LOS		
Lane Grp Eastboun L TR Westboun	Group Capacity d 254 922	Adj Flow (173	Sat Rate (s) 36 22	Rat. v/c 1.09 0.78	ios g/C 0.66 0.51	Delay 93.8 18.7	LOS F B	Dela	y LOS		
Lane Grp Eastboun L TR Westboun L	Group Capacity d 254 922 d 322 892	Adj Flow (173 179	Sat Rate (s) 36 22	Rat. v/c 1.09 0.78	0.66 0.66	Delay 93.8 18.7	LOS F B	Dela 39.5	y LOS		
Lane Grp Eastboun L TR Westboun L TR	Group Capacity d 254 922 d 322 892	Adj Flow (173 179 171	Sat Rate (s) 36 22	Rat. v/c 1.09 0.78	0.66 0.51	Delay 93.8 18.7	LOS F B	Dela 39.5	y LOS		
Lane Grp Eastboun L TR Westboun L TR Northbou	Group Capacity d 254 922 d 322 892 nd 358	Adj Flow (173 179 171	Sat Rate (s) 36 22	Rat. 	0.66 0.51	Delay 93.8 18.7 8.0 93.6	F B A F	39.5 91.4	y LOS		
Lane Grp Eastboun L TR Westboun L TR Northbou LTR Southbou	Group Capacity d 254 922 d 322 892 nd 358	Adj Flow (173 179 171 173	Sat V Rate (s) 36 92 .1	Rat. v/c 1.09 0.78 0.08 1.14	0.66 0.51 0.66 0.51	Delay 93.8 18.7 8.0 93.6	F B A F	Dela 39.5 91.4	y LOS D		
Lane Grp Eastboun L TR Westboun L TR Northbou LTR Southbou	Group Capacity d	Adj Flow (173 179 171 173	Sat Rate (s) 36 92 1 34	Rat	0.66 0.51 0.23	Delay 93.8 18.7 8.0 93.6 22.7	F B A F	Dela 39.5 91.4	y LOS D		
Lane Grp Eastboun L TR Westboun L TR Northbou LTR Southbou	Group Capacity d	Adj Flow (173 179 171 173	Sat Rate (s) 36 32 -1 34	Rat. 	0.66 0.51 0.66 0.51	Delay 93.8 18.7 8.0 93.6 22.7	F B A F	Dela 39.5 91.4 22.7	y LOS D F		

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd: 2010 EXISTING TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATEX14 E/W St: ROUTE 202/35

E/W St: ROUTE 202/35 N/S St: MIDDLE SCHOOL DRWY.

			STO	NAT.T7	ED T	NTERSE	CTION	SUMMAI	?Y				
	l Eas	tbound			tbou			thbour		SOI	uthbo	und	
	L		R	L	Т	R	L	Т	R	L	Т	R	
No. Lanes	s s 1 L	1 TR	0	1 L	<u>-</u> 1 TR	0	0	1 LTR	0	0	1 LT	1 R	'
Volume	1200	731 3		10	723	111	114		56 I	119	8	268	i i
Lane Widt	•	11.0			11.0		4 4	11.0	1	110		12.0	i
RTOR Vol	1	0		J. J		8	, 		o i		14.0	193	İ
Andrea Andrea devote formed ordered formed Andrea secures or													
Duration	0.25					other Operat							
Phase Cor	nbinatior	1 1	2	3	4	:		5	6	7		8	
EB Left		Α	P			NB	Left	A					
Thru			P			l	Thru	A					
Right	t.		P				Right						
Peds							Peds	X					
WB Left		A	₽			SB	Left	A					
Thru			P				Thru	A					
Right	t		₽				Right						
Peds							Peds	X					
NB Right						EB	Right						
SB Right	_	4 0	24.0			WB	Right	15.0					
Green Yellow			34.0										
Y ← {)) \(\(\)		-) II											
								4.0					
All Red			1.0					1.0	le Len	ath.	70 0	ę	AC9
		1.0	1.0	tion	Perf	ormano	e Summ	1.0 Cyc	le Len	ıgth:	70.0	s	ecs
All Red	 Lane	1.0 Int	1.0			formanc		1.0 Cyc. mary				s	ecs
All Red Appr/ I	 Lane Group	1.0 Int Adj	1.0 ersec		Perf			1.0 Cyc		gth:		s	ecs
All Red Appr/ I Lane (Lane Group Capacity	1.0 Int	1.0 ersec Sat Rate		tios		Lane	1.0 Cyc. mary	App		 h 	s	ecs
All Red Appr/ I Lane (Grp (Group Capacity	1.0 Int Adj Flow	1.0 ersec Sat Rate	Ra 	tios	; 	Lane	1.0 Cyc: nary Group	App	roacl	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound	Group Capacity 1	Int Adj Flow (s	1.0 ersec Sat Rate	Ra v/c	tios g	i/C 	Lane Delay	1.0 Cyc mary Group / LOS	App	roacl	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L	Group Capacity 1 254	1.0 Int Adj Flow (s	1.0 cersed Sat Rate s)	Ra v/c 0.85	tios g	7/C 	Lane Delay	1.0 Cychary Group / LOS	App Dela	roacl	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound	Group Capacity 1	Int Adj Flow (s	1.0 cersed Sat Rate s)	Ra v/c	tios g	i/C 	Lane Delay	1.0 Cyc mary Group / LOS	App	roacl	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR	Group Capacity 1 254 922	1.0 Int Adj Flow (s 1736 1792	1.0 ersec Sat Rate	Ra 	tios g 	7/C 0.66 0.51	Lane Delay 36.4 27.7	1.0 Cyc mary Group / LOS D	App Dela	roacl	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L	Group Capacity 1 254 922 1 250	1.0 Int Adj Flow (s 1736 1792	1.0 ersec Sat Rate	Ra v/c 0.85 0.87	tios 	.66 0.66	Jane Delay 36.4 27.7	1.0 Cyc mary Group / LOS D C	App Dela 29.6	proach	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR	Group Capacity 1 254 922	1.0 Int Adj Flow (s 1736 1792	1.0 ersec Sat Rate	Ra v/c 0.85 0.87	tios 	7/C 0.66 0.51	Jane Delay 36.4 27.7	1.0 Cyc mary Group / LOS D	App Dela	proach	 h 	S	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L	Group Capacity 1 254 922 1 250 893	1.0 Int Adj Flow (s 1736 1792	1.0 ersec Sat Rate	Ra v/c 0.85 0.87	tios 	.66 0.66	Jane Delay 36.4 27.7	1.0 Cyc mary Group / LOS D C	App Dela 29.6	proach	 h 	S	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L TR	Group Capacity 1 254 922 1 250 893	1.0 Int Adj Flow (s 1736 1792	1.0 ersec Sat Rate	Ra 0.85 0.87 0.04 1.01	tios 9 0 0	.66 0.66	Jane ————————————————————————————————————	1.0 Cyc mary Group / LOS D C	App Dela 29.6	proach	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L TR Northbour	Group Capacity 254 922 d 250 893 ad 359	1.0 Int Adj Flow (s 1736 1792 1711 1737	1.0 ersec Sat Rate	Ra 0.85 0.87 0.04 1.01	tios 9 0 0	.66 0.66 0.51	Jane ————————————————————————————————————	1.0 Cyc mary Group / LOS D C	App Dela 29.6	proach	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L TR Northbour LTR Southbour	Group Capacity 254 922 d 250 893 nd 359	Int Adj Flow (s 1736 1792 1711 1737	1.0 ersec Sat Rate	0.85 0.87 0.04 1.01	tios g 0 00 0 0	0.66 0.51 0.66 0.51	Lane Delay 36.4 27.7 10.3 48.5	1.0 Cychary Group / LOS D C	App Dela 29.6	proach	 h 	s	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L TR Northbour LTR Southbour	Group Capacity 254 922 d 250 893 ad 359 ad 283	Int Adj Flow (s 1736 1792 1711 1737	1.0 ersec Sat Rate s)	Ra v/c 0.85 0.87 0.04 1.01	tios g 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.66 0.51 0.66 0.51	Lane Delay 36.4 27.7 10.3 48.5	1.0 Cychary Group / LOS D C	App Dela 29.6	proach	 h 	S	ecs
All Red Appr/ I Lane (Grp (Eastbound L TR Westbound L TR Northbour LTR Southbour	Group Capacity 254 922 d 250 893 nd 359	1.0 Int Adj Flow (s 1736 1792 1711 1737 1572 1239 1599	1.0 ersec Sat Rate	Ra v/c 0.85 0.87 0.04 1.01 0.32	tios 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.66 0.51 0.66 0.51	Lane ————————————————————————————————————	1.0 Cychary Group / LOS D C	App Dela 29.6 48.0	proach	hs	S	ecs

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMNB14 E/W St: ROUTE 202/35

N/S St: GRANITE SPRINGS/MIDDLE SCHOOL

							I/WIAT I					
	L Factbon					CTION			~			
	Eastbou L T	na R	wes L	tbour T	na R	Nor L	thbour T	na I	L	ıthbo T	und R	1
	i	i				i		i		-		i
No. Lanes	1 1	0 1	1	1	0	10	1	0 1	0	1	1	_
LGConfig Volume	L TR 111 712	-	L 143	TR	58	127	LTR	100	1 [1	LT	R	İ
Lane Width	111.0 11.0	•	11.0	424 11.0	36		88 I 11.0	188	151	87 12.0	335 12.0	l I
RTOR Vol		2			7	İ		77 i		12.0	268	İ
Duration	0.25	Area T	ype:	All c	ther	 areas						
					perat	ions						
Phase Combi EB Left	nation 1 A	2	3	4	 NID	T o fi t	5	6	7	1	8	
Thru	A	P P			NB 	Left Thru	A A					
Right		P			i	Right						
Peds					1	Peds	X					
WB Left	A	P.			SB	Left	A					
Thru Right		P P			1	Thru	A					
Peds		r			1	Right Peds	A X					
NB Right					, EB	Right						
SB Right					WB	Right						
Green	4.0	34.0					15.0					
Yellow All Red	5.0 1.0	5.0 1.0					4.0					
AII Ned	1.0	1.0					1.0	lo Ion	ath:	70.0	9.6	ecs
							U. M.C.					
	I	ntersect	tion :	Perfo	rmanc	e Summ			5			-05
Appr/ Lan	e Ad	ntersect j Sat		Perfo tios	rmanc				roach			
Lane Gro	e Ad up Flo	j Sat w Rate	Ra	tios 		Lane	ary Group 	App	roach	 1	···	
Lane Gro	e Ad up Flo	j Sat		tios 			ary Group 	App	roach	 1	···	
Lane Gro	e Adup Floracity	j Sat w Rate (s)	Ra v/c	tios 		Lane	ary Group 	App	roach	 1		
Lane Grot Capa Eastbound L 47	e Adup Flowacity	j Sat w Rate (s) 	Ra v/c	tios g/ 0.	С 	Lane Delay 6.1	aryGroupLOSA	App Dela	roach	 1		
Lane Groden Capa Capa Eastbound	e Adup Floracity	j Sat w Rate (s) 	Ra v/c	tios g/ 0.	.	Lane Delay	ary Group LOS	App	roach	 1		
Lane Groder Capa Capa Capa Capa Capa Capa Capa Cap	e Adup Floracity 4 17:	j Sat w Rate (s) 36 83	Ra v/c 0.26 0.88	g/ g. 0.	C 66 51	Lane Delay 6.1 24.9	ary	App Dela	roach	 1		
Lane Groder Grp Capa Capa Capa Capa Capa Capa Capa Ca	e Adup Floracity 4 17:77 17:22 17:50	j Sat w Rate (s) 36 83	Ra v/c 0.26 0.88 0.59	tios 	C 66 51	Lane Delay 6.1 24.9	aryGroup	App Dela	roach y Los C	 1		
Lane Groder Capa Capa Capa Capa Capa Capa Capa Cap	e Adup Floracity 4 17:77 17:22 17:50	j Sat w Rate (s) 36 83	Ra v/c 0.26 0.88 0.59	tios 	C 66 51	Lane Delay 6.1 24.9	aryGroup	App Dela	roach y Los C	 1		
Lane Grog Grp Capa Eastbound L 477 TR 917 Westbound L 267 TR 899	e Adup Floracity 4 17:77 17:55 17:56	j Sat w Rate (s) 36 83 11	0.26 0.88 0.59 0.58	g/ 0. 0.	66 51 66 51	Lane	aryGroupAC	App Dela 22.5	roach y LOS C	 1		
Lane Groder Capa Capa Capa Capa Capa Capa Capa Cap	e Adup Floracity 4 17:77 17:55 17:56	j Sat w Rate (s) 36 83 11	0.26 0.88 0.59 0.58	g/ 0. 0.	66 51 66 51	Lane Delay 6.1 24.9	aryGroupAC	App Dela 22.5	roach y LOS C	 1		
Lane Grog Grp Capa Eastbound L 477 TR 917 Westbound L 263 TR 899	e Adup Floracity 4 17:77 17:55 17:56	j Sat w Rate (s) 36 83 11	0.26 0.88 0.59 0.58	g/ 0. 0.	66 51 66 51	Lane	aryGroupAC	App Dela 22.5	roach y LOS C	 1		
Lane Grogery Caparage	e Adup Floracity 4 177 7 178 2 177 5 178	j Sat w Rate (s) 36 83 11	0.26 0.88 0.59 0.58	0. 0. 0.	66 51 66 51	6.1 24.9 14.1 14.4	aryGroupLOSAC	App Dela 22.5 14.4	y Los C B	 1		
Lane Grog Grp Capa Eastbound L 477 TR 917 Westbound L 266 TR 899 Northbound LTR 220 Southbound LT 219 R 369	e Ad up Floracity 4 177 7 177 2 177 5 177	j Sat w Rate (s) 36 83 11 41	Ra v/c 0.26 0.88 0.59 0.58 1.19	0. 0. 0.	C 66 51 66 51 23	Lane	aryGroupLOSAC	App Dela 22.5 14.4 148.	roach y LOS C B	1		

Agency: JCE Area Type: All other areas

Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES Date: 2/11/11

Period: PM PEAK HOUR Year :

Project ID: 1646PMNB14 E/W St: ROUTE 202/35

N/S St: GRANITE SPRINGS/MIDDLE SCHOOL

		SI	GNALIZED	INTERSE	CTION S	UMMARY		
	Eas	stbound	Westb			hbound	Southb	ound
	L	T R	L T	R	L '	T R	I L T	R
No. Lan	es	1 0	-	1 0	i 0	1 0	0 1	i
LGConfi	g L	TR	L	TR		LTŔ	I	T R
Volume	284	755 2	127 90	3 148	117 3	5 57	113 7	182
Lane Wi	dth 11.0	11.0	11.0 11	.0	1	1.0	12.	0 12.0
RTOR Vo	1	0	1	8	*****	0	1	156
Duratio	n 0.25	Area	Type: Al					
Phace C	ombination	n 1 2	Signa 3	1 Operat 4	ions	5 6	- 7	
EB Lef		A P	3	I NB	Left	A	,	O
Thr		P		1	Thru	A		
Rig		P		į	Right	A		
Ped		L		1	Peds	X		
WB Lef		A P		, I SB	Left	A		
Thr		P		1	Thru	A		
Rig		P		i	Right	A		
Ped		L		i	Peds	X		
NB Rig				, EB	Right			
SB Rig				WB	Right			
Green		4.0 34.0	ì	, ,,,,,,	_	15.0		
Yellow		5.0 5.0				4.0		
All Red		1.0 1.0				1.0		
1111 1104		2.0					ength: 70.	0 secs
		Interse	ction Pe	rformanc			·······	
Appr/	Lane	Adj Sat	Rati	os	Lane G	roup Ap	proach	
Lane	Group	Flow Rate		<u>.</u>				
Grp	Capacity	(s)	v/c	g/C	Delay	LOS Del	ay LOS	
Eastbou								
L	254	1736	1.20	0.66	132.1	F	_	
TR	922	1792	0.88	0.51	23.2	C 52.	9 D	
Westbou	nd							
$\mathbf L$	257	1711	0.11	0.66	10.1			
TR	892	1735	1.27	0.51	147.9	F 144	1.5 F	
Northbo	und							
LTR	358	1565	0.34	0.23	22.8	C 22.	8 C	
Southbo	und							
LT	278	1215	0.48	0.23	23.9	C 23.	4 C	
R	365		0.08				-	
2.	Interse	ction Delay	v == 91.1	(sec/ve	h) In	tersectio	n LOS = 1	7
				, = = = , , , ,	,			

Analyst: RGD Inter.: ROUTE 202/35 & GRANITE SPRINGS

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Year :

Period: SATURDAY PEAK HOUR

Project ID: 1646SATNB14
E/W St: ROUTE 202/35
N/S St: GRANITE SPRINGS/MIDDLE SCHOOL

			SIC	SNALIZED	INTERSE	CTION	SUMMAR	lΥ				
	Eas	tboun		Westk			thboun		Sou	thbo	and	
	L	Т	R	L I	' R	L	T	R	L	T	R	
No. Lane	es	1	- ;	$\frac{1}{1}$	1 0	'i	<u>-</u>	i-	0	1	1	¦
LGConfid	•	TR		L	TR	i	LTR	i	_	_ LT	R	i
Volume	1223		3	11 81		15		9 j:	126	8	295	i
Lane Wid	dth 11.0	11.0	1	11.0 11	0	Ì	11.0	ĺ		12.0	12.0	Ì
RTOR Vo.	1		0		7	1	0)			167	I
Duration	n 0.25		Area T	~ ~	l other							
Phase Co	ombination	1	2	signa	ıl Operat 4	ions	 5	<u>-</u>	 7		8	
EB Left		A	P	3	I NB	Left	A	U	,		U	
Thru		11	P		1 1412	Thru	A					
Righ			P		1	Right						
Peds			-			Peds	X					
WB Left		A	P		i SB	Left	A					
Thru			P		i	Thru	A					
Righ			P		i	Right						
Peds					i	Peds	X					
NB Righ					, EB	Right						
SB Righ					i wb	Right						
Green		4.0	34.0		•	,	15.0					
Yellow		5.0	5.0				4.0					
All Red		1.0	1.0									
All Red		1.0	1.0				1.0 Cycl	e Len	gth:	70.0	s	ecs
		In	tersec		erformanc		1.0 Cycl ary			•		ecs
Appr/	Lane	In Adj	tersec Sat	ction Pe Rati			1.0 Cycl		gth: roach	•	.s	ecs
Appr/ Lane	Group	In Adj Flow	tersec Sat Rate	Rati	.os	Lane	1.0 Cycl mary Group	App	roach	L	s	ecs
Appr/		In Adj Flow	tersec Sat			Lane	1.0 Cycl ary		roach	L	.s 	ecs
Appr/ Lane	Group Capacity	In Adj Flow	tersec Sat Rate	Rati	.os	Lane	1.0 Cycl mary Group	App	roach	L	s	ecs
Appr/ Lane Grp	Group Capacity	In Adj Flow	tersec Sat Rate s)	Rati	.os	Lane	1.0 Cycl mary Group	App	roach	L	s	ecs
Appr/ Lane Grp Eastbour	Group Capacity ad	In Adj Flow (tersec Sat Rate s)	Rati v/c	.os g/C	Lane Delay	1.0 Cycl mary Group	App	roach	L	s	ecs
Appr/ Lane Grp Eastbour	Group Capacity ad 254 922	In Adj Flow (tersec Sat Rate s)	Rati 	.os 	Lane Delay	1.0 Cycl mary Group LOS	App:	roach y LOS	L	s	ecs
Appr/ Lane Grp Eastbour L TR	Group Capacity ad 254 922	In Adj Flow (tersed Sat Rate s) 6	Rati v/c 0.95	.os 	Lane Delay	1.0 Cycl mary Group LOS	App:	roach y LOS	L	s	ecs
Appr/ Lane Grp Eastbour L TR	Group Capacity nd 254 922	In Adj Flow (173 179	tersed Sat Rate s) 6 2	Rati 	0.66 0.51	Lane Delay 55.4 40.2	1.0 Cycl mary Group LOS	App:	roach y LOS	L	s	ecs
Appr/ Lane Grp Eastbour L TR Westbour	Group Capacity 1d 254 922 nd 250 894	In Adj Flow (173 179	tersed Sat Rate s) 6 2	Rati v/c 0.95 0.97	0.66 0.66	Lane Delay 55.4 40.2	1.0 Cycl mary Group LOS E D	App:	roach y LOS	L	s	ecs
Appr/ Lane Grp Eastbour L TR Westbour L TR	Group Capacity 1d 254 922 nd 250 894	In Adj Flow (173 179	tersed Sat Rate s) 6 2	Rati v/c 0.95 0.97	0.66 0.66	Lane Delay 55.4 40.2 12.6 87.4	1.0 Cycl mary Group LOS E D	App: Dela: 43.5	roach y LOS D	L	S	ecs
Appr/ Lane Grp Eastbour L TR Westbour L TR	Group Capacity 1d 254 922 nd 250 894 and 359	In Adj Flow (173 179 171	tersed Sat Rate s) 6 2	Rati 	0.66 0.51	Lane Delay 55.4 40.2 12.6 87.4	1.0 CyclaryGroup LOS	App: Dela: 43.5	roach y LOS D	L	S	ecs
Appr/ Lane Grp Eastbour L TR Westbour L TR Northbou	Group Capacity 1d 254 922 nd 250 894 and 359	In Adj Flow (173 179 171 173	tersed Sat Rate s) 6 2	Rati v/c 0.95 0.97 0.05 1.12	0.66 0.51 0.66 0.51	Lane Delay 55.4 40.2 12.6 87.4	1.0 Cycl mary Group LOS D	App: Dela 43.5 86.5	roach y Los D	L	S	ecs
Appr/ Lane Grp Eastbour L TR Westbour L TR Northbou	Group Capacity 1d 254 922 and 250 894 and 359	In Adj Flow (173 179 171 173	tersed Sat Rate s) 6 2	Rati v/c 0.95 0.97 0.05 1.12 0.34	0.66 0.51 0.66 0.51	Lane Delay 55.4 40.2 12.6 87.4 22.8	1.0 CyclaryGroup TLOS ED B F	App: Dela 43.5 86.5	roach y Los D	L	S	ecs
Appr/ Lane Grp Eastbour L TR Westbour L TR Northbou	Group Capacity 1d 254 922 1d 250 894 21nd 359 1nd 277 365	In Adj Flow (173 179 171 173 156	tersed Sat Rate s) 6 2	Rati v/c 0.95 0.97 0.05 1.12 0.34	0.66 0.51 0.66 0.51	Lane Delay 55.4 40.2 12.6 87.4 22.8	1.0 CyclaryGroup TLOS ED B F	App: Delay 43.5 86.5	p LOS		s	ecs

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMBD14
E/W St: ROUTE 202/35
N/S St: GRANITE SPRINGS/MIDDLE SCHOOL

		SI	GNALIZED	INTERSE	CTION S	UMMARY		
	Eas	stbound	Westb	ound	-	hbound	Southb	ound
	L	T R	L T	R	L	T R	l L T	R
No. Lane	s	1 0			1		. 0 1	1
LGConfig		TR	•	TR	1	LTR		TRI
Volume	1111	712 32	1143 42		37 8		151 87	335
Lane Wid	•		11.0 11			1.0		0 12.0
RTOR Vol	.	2	1	7	1	77		268
Duration	0.25	Area	Type: Al					
Phase Co	mbinatio	n 1 2	Signa 3	l Operat 4	ions	5 6	- 7	8
EB Left		A P	9	I NB	Left	A	·	v
Thru		P			Thru	Α		
Righ	.t	P			Right	A		
Peds					Peds	X		
WB Left		A P		SB	Left	A		
Thru		P P			Thru	A		
Righ Peds		Р		l I	Right Peds	A X		
NB Righ				 EB	Right	21		
SB Righ				WB	Right			
Green		4.0 34.0		•		15.0		
Yellow		5.0 5.0				4.0		
All Red		1.0 1.0				1.0		
		Tntonco	ation Do	~ f ~ ~ ~ ~ ~ ~ ~	o Cummo	-	ength: 70.	0 secs
Appr/	Lane	Interse Adj Sat	ction Pe: Rati		Lane G		proach	
	Group	Flow Rate		00	Hane o	,1045 11	op I o a o i i	
	Capacity		v/c	g/C	Delay	LOS Del	Lay LOS	
Eastboun	.d 474	1736	0.26	0.66	6.1	7\		
L TR	917	1783	0.28	0.50	24.9	A C 22.	.5 C	
IK	J	1705	0.00	0.51	21.7	0 22.		
Westboun	.d							
L	262	1711		0.66		В		
TR	895	1741	0.58	0.51	14.4	в 14.	.4 B	
Northbou	nd							
LTR	220	961	1.19	0.23	148.9	F 148	3.9 F	
Southbou	nd							
LT	219	956	1 21	0.23	156.2	F 100	6.9 F	
R	365	1599		0.23			J.J L	
_ `		ction Delay					on LOS = I)
		1	_	• • •	•			

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMBD14 E/W St: ROUTE 202/35 N/S St: GRANITE SPRINGS/MIDDLE SCHOOL

		SI	GNALIZED	INTERSE	CTION S	SUMMARY	7			
	Ea:	stbound	Westb		Nort	thbound	1		hboun	id
	L	T R	L T	R	L	T F	₹ 	L '	Г	R
No. Lane	es ¦ <u>-</u>	1 0	'	1 0	¦	1 ('-)	0	1	1
LGConfid	•	TR	-	TR	1	LTR	i	•	_ LT	R
Volume	299	803 2	27 95		17	35 57	7 j.	113 7		96
Lane Wid			11.0 11			11.0	Ì	1	2.0 1	2.0
RTOR Vol	l	0	I	8	*	0			1	.47
Duration	n 0.25	Area :		l other						
Phase Co	ombination	n 1 2	srgna	4	10118	5	6			
EB Left		A P	_	I NB	Left	Ā	-	•	_	
Thru		P		i	Thru	Α				
Righ	nt	P		i	Right	Α				
Peds				ĺ	Peds	X				
WB Left	t	A P		SB	Left	Α				
Thru	ı	P		1	Thru	Α				
Rigl	nt	₽		1	Right	Α				
Peds	3			1	Peds	X				
NB Righ	nt			EB	Right					
SB Righ	nt			WB	Right					
Green		4.4 34.0				15.0				
Yellow		5.0 5.0				4.0				
All Red		1.0 1.0				1.0	_			
		Intorgo	ation Po	rformanc	e Summa			gth: 7	0.4	secs
Appr/	Lane	Mdj Sat	Rati			ary Group		roach		
Lane	Group	Flow Rate		~~			1-1-			
Grp	Capacity	(s)	v/c	g/ C	Delay	LOS	Dela	y LOS	_	
										* **** *** **** **** **** **** ****
Eastbour	-	1726	1 22	0 66	1/11 1	다				
L TR	262 916	1736 1792	1.23 0.94	0.66 0.51	141.1 28.7	F C	59.2	E		
IK	910	1792	0.94	0.51	20.7	C	J J • 4	E		
Westbour										
	258	1711	0.11	0.66	11.7	В				
TR	888	1736	1.34	0.51	175.9	F	172.	0 F		
Northbou	ınd									
LTR	356	1565	0.34	0.23	23.0	С	23.0	C		
Southbou	ınd									
LT	276	1213	0 49	0.23	24.1	С	23.5	C		
R	363	1599	0.15	0.23	21.8		20.0	~		
		ction Delay					ction	LOS =	F	
	1	zzzan zazay		, 200, 10.	,			-~~	~	

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year :

Project ID: 1646SATBD14

			STO	SMAT.T 2	ED T	NTERSE	CTION	SUMMI	ARY				
	Fac	stbour			tbou			thbou		SOI	ıthbo	und	1
	L	Т	R	l P	T	R	L	T	R	L	Т	R	
No. Lanes LGConfig	 1 L	1 TR	0	' 1 L	1 TR	0	0	1 LTF	0	0	1 LT	1 R	- !
Volume	1246	899	3	11	891	118	15	35		126	8	319	
Lane Widt	•	11.0		111.0		110	113	11.0	J	120		12.0	l I
RTOR Vol		11.0	0		11.0	7	1	11.0	0		12.0	150	
Duration	0.25		Area 7										
_,						Operat	ions		-				
Phase Com	binatior		2	3	4		- 6.	5	6	7		8	
EB Left		A	P			NB	Left	A					
Thru			P			!	Thru	A					
Right			P			!	Right						
Peds		-	_				Peds	X					
WB Left		A	P			SB	Left	A					
Thru			P			!	Thru	A					
Right			P			!	Right						
Peds						!	Peds	X					
NB Right						EB	Right						
SB Right						WB	Right						
Green		4.0	34.0					15.0)				
Yellow		ית וו	5 (1										
		5.0	5.0					4.0					
All Red		1.0	1.0					1.0	.]		70.0		
		1.0	1.0	- t- i o n	Donf		o	1.0 Cyc	cle Ler	igth:	70.0	s	ecs
All Red		1.0 Ir	1.0 ntersec			ormanc		1.0 Cyc ary				S	ecs
All Red Appr/ L	ane	1.0 Ir Adj	1.0 ntersec j Sat		Perf	ormanc	e Summ Lane	1.0 Cyc ary		ngth: oroacl		S-	ecs
All Red Appr/ L Lane G	roup	1.0 Ir Adg Flow	1.0 ntersed j Sat w Rate	Rá	tios		Lane	1.0 Cyc ary_ Group	App	roacl	h	s	ecs
All Red Appr/ L Lane G		1.0 Ir Adg Flow	1.0 ntersec j Sat		tios	ormanc 7c		1.0 Cyc ary_ Group	App		h	S	ecs
All Red Appr/ L Lane G Grp C Eastbound	roup apacity 	1.0 Ir Adj Flow	1.0 ntersec j Sat w Rate (s)	Ra 	tios g	7 c 	Lane Delay	1.0 Cyclary Group LOS	App	roacl	h	5	ecs
All Red Appr/ L Lane G Grp C Eastbound L	roup apacity 254	1.0 Ir Adj Flow	1.0 ntersed j Sat w Rate (s)	Ra v/c 1.05	tios g	√c 	Lane Delay	1.0 Cyclary_ Group LOS	Dela	roacl	h	s:	ecs
All Red Appr/ L Lane G Grp C Eastbound L	roup apacity 	1.0 Ir Adj Flow	1.0 ntersed j Sat w Rate (s)	Ra 	tios g	7 c 	Lane Delay	1.0 Cyclary Group LOS	App	roacl	h	S-	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound	roup apacity 254 922	1.0 Ir Add Flow 173 173	1.0 ntersed j Sat w Rate (s) 36	Ra 	g 9 0 0	/c .66 .51	Lane Delay 80.0- 64.1	1.0 Cyclary_ Group LOS	Dela	roacl	h	S:	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L	roup apacity 254 922	1.0 Ir Add Flow 173 173	1.0 ntersed j Sat w Rate (s) 36 92	Ra	g 0 0	/c .66 .51	Eane Delay 80.0-64.1	1.0 Cyclary_ Group LOS E	Dela	proach	h	S:	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L	roup apacity 254 922	1.0 Ir Add Flow 173 173	1.0 ntersed j Sat w Rate (s) 36	Ra	g 0 0	/c .66 .51	Eane Delay 80.0-64.1	1.0 Cyclary_ Group LOS E	Dela	roacl	h	S-	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L	roup apacity 254 922 250 895	1.0 Ir Add Flow 173 173	1.0 ntersed j Sat w Rate (s) 36 92	Ra	g 0 0	/c .66 .51	Eane Delay 80.0-64.1	1.0 Cyclary_ Group LOS E	Dela	proach	h	S-	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L TR	roup apacity 254 922 250 895	1.0 Ir Add Flow 173 173 174	1.0 ntersed j Sat w Rate (s) 36 92	Ra- v/c 1.05 1.06 0.05 1.22	g 0 0 0 0 0 0 0 0 0	/c .66 .51	Eane Delay 80.0-64.1 13.3 124.8	1.0 Cyclary_ Group LOS E E	Dela Dela 67.5	oroaci	h	S •	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L TR Northboun	roup apacity 254 922 250 895 d	1.0 Ir Add Flow 173 173 174	1.0 ntersed j Sat w Rate (s) 36 92	Ra- v/c 1.05 1.06 0.05 1.22	g 0 0 0 0 0 0 0 0 0	7C .66 .51 .66 .51	Eane Delay 80.0-64.1 13.3 124.8	1.0 Cyclary_ Group LOS E E	Dela Dela 67.5	oroaci	h	S	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L TR Northboun LTR Southboun	roup apacity 254 922 250 895 d 359	1.0 Ir Add Flow 173 175 175	1.0 ntersed j Sat w Rate (s) 36 92	0.05 1.22	g 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.66 .51 .66 .51	Lane Delay 80.0-64.1 13.3 124.8	1.0 Cyclary Group LOS E E	7 App Dela 67.5	y LOS	h	S	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L TR Northboun LTR Southboun	roup apacity 254 922 250 895 d 359 d	1.0 Ir Ad: Flow 173 175 176 176	1.0 ntersed j Sat w Rate (s) 36 92	0.05 0.34	g 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.66 .51 .66 .51	Lane Delay 80.0-64.1 13.3 124.8	1.0 Cyclary_ Group LOS E E	7 App Dela 67.5	y LOS	h	S	ecs
All Red Appr/ L Lane G Grp C Eastbound L TR Westbound L TR Northboun LTR Southboun LT	roup apacity 254 922 250 895 d 359	1.0 Ir Add Flow 173 173 174 156	1.0 ntersec j Sat w Rate (s) 36 92 11 40	0.05 0.05 0.34	g 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.66 .51 .66 .51	Lane Delay 80.0-64.1 13.3 124.8 22.8	1.0 Cyclary_ Group LOS E E C	7 App Dela 67.5	y Los	n	S .	ecs

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year : Project ID: 1646AMNB14 - WITH TIMING IMPROVEMENTS

			Q T (ግእ፣ አ ተ ተ ፡፡	יוד רויםי	יניים בי בי הוא	CTTON	SUMMAR	v				
	L Eas	tbour			tbou			thbour		SO1	ıthbo	und	
	L	Т	R	l P	Т	R	l L	Т	R	L	Т	R	
No. Lanes LGConfig		1 TR	0	 L	1 TR	0	-	1 LTR	0 	0	1 LT	1 R	-¦ !
Volume Lane Width RTOR Vol		712 11.0	2	143 11.0 	424 11.0	58 7	37 	11.0	188 17	151	87 12.0	335 12.0 268	
Duration	0.25		Area T										
Phase Comb	<u> </u>				nal (4	Operat	ions	5	6	- 7		 8	
EB Left Thru Right Peds	rnacion	A	2 P P	3	4	I NB	Left Thru Right Peds	A A	0	,		o	
WB Left Thru Right Peds		Α	P P P			SB	Left Thru Right Peds	A A					
NB Right SB Right Green Yellow		4.0 5.0	30.0 5.0			EB WB	Right Right	19.0					
I C I I U W													
All Red		1.0	1.0					4.0 1.0	la Tar	ath.	70 0	e	ace
		1.0		ction	Perf	ormanc	e Summ	1.0 Cyc]	le Len	ngth:	70.0	s	ecs
All Red Appr/ La	 ne	1.0 In Adj	1.0 ntersed Sat		Perfo tios	ormanc		1.0 Cyc]		ngth: oroach		s 	ecs
All Red Appr/ La Lane Gr		1.0 In Adj Flow	1.0 ntersec		tios	ormanc /C	Lane	1.0 Cycl nary	App		n	s 	ecs
All Red Appr/ La Lane Gr Grp Ca	ne oup	1.0 In Adj Flow	1.0 ntersec Sat Rate	Rá	tios		Lane	1.0 Cycl nary Group	App	roach	n	s 	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4	ne oup	1.0 In Adj Flow	1.0 ntersed Sat Rate (s)	Rá	tios g, 		Lane	1.0 Cycl nary Group	App	roach	n	s 	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8	ne oup pacity 	1.0 Ir Adj Flow (1.0 ntersed Sat Rate (s)	7/c 0.30	tios g, 	/c 	Lane Delay	1.0 Cycl mary Group / LOS	App Dela	roach	n	s 	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8 Westbound L 2	ne oup pacity 05 15	1.0 Ir Adj Flow (173 178	1.0 ntersec i Sat v Rate (s) 36 33	0.30 0.99	tios 	.60 .46	Lane Delay 8.1 44.9	1.0 Cycl mary Group / LOS A D	App Dela	roach	n	s 	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8 Westbound L 2	ne oup pacity 05	1.0 Ir Adj Flow (173 178	1.0 ntersec i Sat v Rate (s) 36	0.30 0.99	tios 	/C . 60 . 46	Lane Delay 8.1 44.9	1.0 Cycl mary Group / LOS A D	App Dela	roach	n	s	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8 Westbound L 2	ne oup pacity 05 15	1.0 Ir Adj Flow (173 178	1.0 ntersec i Sat v Rate (s) 36 33	0.30 0.99	tios 	.60 .46	Lane Delay 8.1 44.9	1.0 Cycl mary Group / LOS A D	App Dela	roach	n	s	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8 Westbound L 2 TR 7	ne oup pacity 05 15	1.0 Ir Adj Flow (173 178 171 174	1.0 ntersec i Sat v Rate (s) 36 33	0.30 0.99 0.62	tios g, 0 0 0 0	.60 .46 .60	Lane Delay 8.1 44.9 17.3 18.7	1.0 Cyclary Group / LOS A D	App Dela 40.1	roach	n	s	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8 Westbound L 2 TR 7	ne oup pacity 05 15 50 96	1.0 Ir Adj Flow (173 178 171 174	1.0 ntersec i Sat v Rate (s) 36 33	0.30 0.99 0.62	tios g, 0 0 0 0	.60 .46 .60	Lane Delay 8.1 44.9 17.3 18.7	1.0 Cyclary Group / LOS A D	App Dela 40.1	roach	n	s 	ecs
All Red Appr/ La Lane Gr Grp Ca Eastbound L 4 TR 8 Westbound L 2 TR 7 Northbound LTR 3 Southbound LT 3 R 4	ne oup pacity 05 15 50 96	1.0 In Adj Flow (173 178 171 174 130	1.0 htersec j Sat v Rate (s) 36 33 .1 11	0.30 0.99 0.62 0.65	g, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.60 .46 .60 .46	B.1 44.9 17.3 18.7 27.4	1.0 CyclaryGroup / LOS A D	App Dela 40.1 18.4 40.5	D B	5 	s	ecs

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMNB14 - WITH IMPROVEMENTS

_,		STO	NALTZE	D INTERSE	СТТОМ	SUMMAR	Y			
	l Eastbo			bound		thboun		South	bound	T
	L T	R		T R	L		R	L T		,
No. Lanes LGConfig Volume Lane Width RTOR Vol	1 1 1 L T 284 755 11.0 11.	R	1 L 27 9 11.0 1	1 0 TR 03 148 1.0		1 LTR 35 5 11.0	ĺ	113 7	1 1 LT R 182 .0 12.0 147	-
 Duration	0.25	Area T	ype: A	ll other	 areas			****		
				al Operat						
Phase Combi EB Left Thru Right Peds	ination 1 A	2 P P P	3	4 NB 	Left Thru Right Peds	5 A A A X	6	7	8	
WB Left Thru Right Peds	Α	P P P		SB 	Left Thru Right Peds	X				
NB Right SB Right Green Yellow All Red	5.0 5.0 1.0	39.0 5.0 1.0		EB WB	Right Right	9.0 4.0 1.0	e Len	gth: 70	. O se	ecs
		Intersec	tion P	erformanc	e Summ	_	C DCII	g C 11 .	.0 50	.03
Appr/ Lar	ne A	dj Sat ow Rate	Rat			Group	App	roach		
	_	(s)	v/c	g/C	Delay	LOS	Dela	y LOS	•	
Eastbound L 27 TR 10		736 792	1.10	0.74 0.59	92.2 14.2	F B	35.5	D		
Westbound										
L 36		711 735		0.74 0.59	6.7 80.3	A F	78.5	E		
Northbound										
LTR 15	57 1	98	0.77	0.14	47.7	D	47.7	D		
Southbound										
R 22		599	0.17	0.14 0.14 (sec/ve	26.5	С			E	
		1		,,	•					

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year: Project ID: 1646SATNB14 - WITH TIMING IMPROVEMENTS

		S	IGNALIZED	INTERSE	CTION S	UMMARY		
	•	stbound	Westb	ound	Nort	hbound	South	bound
	L	T R	L T	R	L '	T R	L T	R
No. Lan	es 1	1 0	<u> </u>	1 0	·¦	 0	-	<u></u>
LGConfi	g L	TR	•	TR	1	LTR	i	LT R
Volume	1223	821 3	11 81		115 3		126 8	295
Lane Wi	•		11.0 11		1	1.0	12	.0 12.0
RTOR Vo	1	0	I	7	I	0		150
Duratio	n 0.25	Area	Type: Al Signa	l other l Operat				
Phase C	ombination	n 1 2	3	4		5 6	7	8
EB Lef	t	A P		NB	Left	A		
Thr		Р			Thru	A		
Rig		P		[Right	A		
Ped WB Lef		A P		l an	Peds Left	X		
wb Ler Thr		A P P		SB	Thru	A A		
Rig		P		i İ	Right	A		
Ped		_		i	Peds	X		
NB Rig	ht			EB	Right			
SB Rig	ht			WB	Right			
Green		4.0 39.				10.0		
Yellow		5.0 5.0				4.0		
All Red		1.0 1.0				1.0 Cycle Lo	ength: 70	.0 secs
		Inters	ection Pe	rformanc	e Summa	-	ongen. 70	.0 5005
Appr/	Lane	Ādj Sat			Lane G		proach	
Lane	Group	Flow Rat						
Grp	Capacity	(s)	v/c	g/C	Delay	LOS De	lay LOS	
Eastbou								
L	253	1736	0.96	0.73	55.0+	E	2 0	
TR	1050	1792	0.85	0.59	22.4	C 29	.3 C	
Westbou								
L	260	1711	0.05				_	
TR	1018	1738	0.99	0.59	39.5	D 39	.2 D	
Northbo	und							
LTR	189	1203	0.65	0.16	33.5	C 33	.5 C	
Southbo	und							
LT	179	1138	0.82	0.16	52.4	D 41	.6 D	
R	251	1599				C	_	
	Intersed	ction Dela				tersection	on I.OS =	C
				(500, 70	11/ 111	CCIDCCI)II HOD —	C

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year : Project ID: 1646AMBD14 - WITH TIMING IMPROVEMENTS

		SI			CTION SUMMA	.RY		
	•	stbound	Westb		Northbou			nbound
	L	T R	L T	R	l L T	R	L 7	? R
No. Lar	nes 1	1 0	1	1 0	0 1	i	0	1 1 i
LGConfi	ig L	TR	L	TR	LTR			LT R
Volume	112	716 32	1143 43	3 58	37 88	188	151 87	7 338
Lane Wi	idth 11.0	11.0	111.0 11	.0	11.0	1	12	2.0 12.0
RTOR Vo	ol	2	-	7	1	77		268
 Duratio	on 0.25	Area	Type: Al	l other 1 Operat				
Phase (Combinatio	n 1 2	3	4	5	6	7	8
EB Lef		A P		, NB	Left A			
The	cu	P		İ	Thru A			
Ric	ght	P		1	Right A			
Pec	ds			1	Peds X			
WB Lef	Ē t	A P		SB	Left A			
The	cu	P		Ī	Thru A			
Ric	ght	P		1	Right A			
Pec	ds			I	Peds X			
NB Ric	ght			EB	Right			
SB Rig	ght			WB	Right			
Green		4.0 30.0			19.0			
Yellow		5.0 5.0			4.0			
All Rec	t	1.0 1.0			1.0			
					Cvc	le Len	ath: 70	0.0 secs
				_			J	
Annr/					e Summary	<u></u>		
Appr/	Lane Group	Adj Sat	Rati			App	roach	
Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate	Rati		e Summary			_
Lane Grp	Group Capacity	Adj Sat Flow Rate	Rati	os 	e Summary Lane Group		roach	
Lane Grp Eastbou	Group Capacity und	Adj Sat Flow Rate (s)	Rati v/c	os 	e Summary		roach	-
Lane Grp Eastbou	Group Capacity ind 397	Adj Sat Flow Rate (s)	Rati v/c 	os g/C 0.60	E Summary_Lane Group Delay LOS 8.2 A	Dela	roach y LOS	-
Lane Grp Eastbou	Group Capacity und	Adj Sat Flow Rate (s)	Rati v/c	os 	e Summary		roach y LOS	
Lane Grp Eastbou	Group Capacity and 397 815	Adj Sat Flow Rate (s) 1736 1783	Rati v/c 0.31 1.00	os -g/C 0.60 0.46	Lane Group Delay LOS 8.2 A 46.1 D	Dela	roach y LOS D	-
Lane Grp Eastbou L TR	Group Capacity and 397 815	Adj Sat Flow Rate (s) 1736 1783	Rati v/c 0.31 1.00	os -g/C 0.60 0.46	Lane Group Delay LOS 8.2 A 46.1 D	Dela	roach y LOS D	
Lane Grp Eastbou L TR	Group Capacity and 397 815	Adj Sat Flow Rate (s) 1736 1783	Rati v/c 0.31 1.00	os -g/C 0.60 0.46	E Summary_Lane Group Delay LOS 8.2 A	Dela	roach y LOS D	
Lane Grp Eastbou L TR Westbou L	Group Capacity and 397 815 and 250 796	Adj Sat Flow Rate (s) 1736 1783	Rati v/c 0.31 1.00	os -g/C 0.60 0.46	Lane Group Delay LOS 8.2 A 46.1 D	Dela	roach y LOS D	
Lane Grp Eastbou L TR Westbou L TR	Group Capacity and 397 815 and 250 796	Adj Sat Flow Rate (s) 1736 1783	Rati v/c 0.31 1.00 0.62 0.66	0.60 0.46 0.46	Lane Group Delay LOS 8.2 A 46.1 D 17.4 B 19.1 B	Dela 41.1	roach y LOS D	
Lane Grp Eastbou L TR Westbou L TR	Group Capacity 397 815 and 250 796 bund 372	Adj Sat Flow Rate (s) 1736 1783 1711 1742	Rati v/c 0.31 1.00 0.62 0.66	0.60 0.46 0.46	Lane Group Delay LOS 8.2 A 46.1 D 17.4 B 19.1 B	Dela 41.1	roach y LOS D	
Lane Grp Eastbou L TR Westbou L TR Northbo	Group Capacity and 397 815 and 250 796 bund 372	Adj Sat Flow Rate (s) 1736 1783 1711 1742	Rati 	0.60 0.46 0.46 0.29	Lane Group Delay LOS 8.2 A 46.1 D 17.4 B 19.1 B	Dela 41.1 18.7	D B	
Lane Grp Eastbou L TR Westbou L TR Northbo	Group Capacity Ind 397 815 Ind 250 796 Dund 372 Dund 303	Adj Sat Flow Rate (s) 1736 1783 1711 1742 1301	Rati v/c 0.31 1.00 0.62 0.66 0.70	0.60 0.46 0.29	Lane Group Delay LOS 8.2 A 46.1 D 17.4 B 19.1 B 27.4 C	Dela 41.1 18.7	D B	
Lane Grp Eastbou L TR Westbou L TR Northbo	Group Capacity 397 815 and 250 796 bund 372 bund 303 457	Adj Sat Flow Rate (s) 1736 1783 1711 1742 1301 1059 1599	Rati v/c 0.31 1.00 0.62 0.66 0.70 0.87 0.17	0.60 0.46 0.60 0.46 0.29	Lane Group Delay LOS 8.2 A 46.1 D 17.4 B 19.1 B	Dela 41.1 18.7 27.4	D B C	

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: PM PEAK HOUR Year :

Project ID: 1646PMBD14 - WITH IMPROVEMENTS

		S	IGNALIZED	INTERSE	CTION SUM	MARY		
	Ea	stbound	Westb		Northb		South	bound
	L	T R	L T	R	L T	R	L T	R
No. Lar	•	1 0		1 0	i 0 1	_	_	1 1 i
LGConfi	•	TR		TR		TR		LT R
Volume	299	803 2	127 95		17 35	57	113 7	196
Lane Wi	•	11.0	11.0 11		11.		12	.0 12.0
RTOR Vo	ol	0		8		0		147
Duratio	on 0.25	Area	Type: Al	l other l Operat				
Phase C	Combinatio	n 1 2	3	4	5	6	7	8
EB Lef		A P		NB	Left A			
Thr	ru	P		1	Thru A			
Rig		P		l	Right A			
Ped				l	Peds X			
WB Lef	_	A P		SB	Left A			
Thr		P		1	Thru A			
Rig		Р		1	Right A			
Ped				1	Peds X			
NB Rig				EB	Right			
SB Rig	ht			WB	Right			
Green		5.0 39.	0		9.			
Yellow	_	5.0 5.0			4.			
All Red	l	1.0 1.0			1.			0
		Inters	ection Pe	rformanc	e Summary		ngth: 70	.0 secs
Appr/	Lane	Adj Sat	Rati		Lane Gro		oroach	···· ··· ··· ··· ··· ··· ··· ··· ··· ·
Lane	Group	Flow Rate	e					
Grp	Capacity		v/c	g/C	Delay LO	S Dela	ay LOS	
Eastbou	ınd							
L	278	1736	1.16	0.74	114.5 F			
TR	1050	1792	0.82	0.59	15.9 B		ŝ D	
Westbou	-	amaa						
L		1711					_	
TR	1017	1736	1.17	0.59	100.1 F	97.9) F	
Northbo	ound							
LTR	157	1098	0.77	0.14	47.7 D	47.	7 D	
Southbo	und							
LT	161	1124	U 63	0 14	57 0 E	48.5	5 D	
R		1599					ט כ	
17								
	Interco	ction Delay	z = 68 ∩	(900/770	h) Into	repotion	1.09 = 1	F.

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd: 2013 BUILD TRAFFIC VOLUMES

Period: SATURDAY PEAK HOUR Year: Project ID: 1646SATBD14 - WITH TIMING IMPROVEMENTS

		ST	GNALIZED	INTERSE	CTION SU	MMARY		
	Eas	stbound	Westb		North		South	bound
	j L	T R	LT	R	L T	R	L T	R
No. Lan	es	1 0	1	1 0	i	i	0	1 1 i
LGConfi	q L	TR		ГR	j	LTR		LT R
Volume	1246	899 3	11 89	1 118	15 35	59 [126 8	319
Lane Wi	dth 11.0	11.0	11.0 11	. 0	11	.0	12	.0 12.0
RTOR Vo.	1	0	1	7	1	0		150
Duration	n 0.25	Area	Type: Al	l other l Operat				
Phase Co	ombination	n 1 2	3	4		5 6	7	8
EB Lef		A P	•	NB		A	•	•
Thr		P				A		
Rig	ht	P		İ	Right A	A		
Ped				İ	_	X		
WB Lef	t	A P		SB	Left Z	A		
Thr	u	P		1	Thru I	A		
Rig	ht	Р			Right I	A		
Ped	S					X		
NB Rig				EB	Right			
SB Rig	ht			WB	Right			
Green		4.0 39.0				0.0		
Yellow		5.0 5.0				.0		
All Red		1.0 1.0				.0		
		Totoso	ation Do	v f a vm a v a		Cycle Lei	ngth: /u	.0 secs
Appr/	Lane	Interse Adj Sat	Rati		e Summar		proach	
Lane	Group	Flow Rate		OS .	name Gr	oup Api	proacii	
Grp	Capacity	(s)	v/c	g/C	Delay L	OS Dela	ay LOS	=
			· · · · · · · · · · · · · · · · · · ·	g, ∪ 				
Eastbou		1726	1 00	0.73	764	, D		
L	253 1050	1736 1792	1.06 0.93	0.73		E C 39.0	6 D	
TR	1030	1792	0.93	0.39	29.0	C 39.1	0 D	
Westbou	nd							
L	250	1711		0.73		В		
TR	1019	1740	1.07	0.59	62.9	E 62.	4 E	
Northbo	und							
LTR	189	1203	0.65	0.16	33.5	c 33.	5 C	
Southbo	und							
	0				-	_	a	
T III	7 '7 ()	1138	0.82	0.16	52.4	D 44.	4 D	
LT_{-}	179							
R	251	1599 ction Delay	0.74	0.16	38.0	D		

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2011 EXISTING TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMEX15
E/W St: ROUTE 202/35
N/S St: BALDWIN ROAD

			SIC	GNALIZ	ZED IN	TERSE	CTION :	SUMMA	RY				
	Eas	tboun	ıd	Wes	tboun	d	Nor	thbou	nd	Sou	thbo	ınd	
	L 	T	R	L 	Т	R	L I	Т	R	L	T	R	
No. Lanes	i 0	1	0	i	$\frac{1}{1}$	0	0	0	0	0	0	0	;
LGConfig	İ	TR			\mathtt{LT}			LR					
Volume		728	250	175	425		75		160				
Lane Width	:	13.0			15.0			12.0					1
RTOR Vol	İ		11				İ		88				I
Duration	0.25		Area :		All o								
Phase Combin		- -	<u>-</u>	³	311ai O 4	herar	10115		 6	7		 8	
EB Left	.ia CIOII	7	۷	J	4	I NB	Left	A	Ü	,	•	<u>.</u>	
Thru		P				1 112	Thru	7.					
Right		P				1	Right	A					
Peds		Е				1	Peds	77					
WB Left		Р				l SB	Left						
Thru		P				1 20	Thru						
Right		r				1	Right						
Peds						!	Peds						
						I EB	Right						
NB Right SB Right						WB	Right						
Green	,	64.0				1 MD	Night	17.0					
Yellow		5.0						5.0					
All Red		1.0						1.0					
All Red	•	1.0							la Tar	ngth:	03 V		secs
		Tn	terse	rtion	Perfo	rmanc	e Summ	_	Te Der	ig cir.	93.0		secs
Appr/ Lane			Sat		atios	Imano	Lane		Apr	proach			
Lane Grou		_	Rate	***	.0100		Dano	01001	1-1	, , , , , , , , , , , , , , , , , , , ,			
	acity		s)	v/c	g/	C	Delay	LOS	Dela	ay LOS			
Eastbound													
TR 128	35	181	1	0.82	2 0.	71	15.2	В	15.2	2 B			
Westbound													
LT 644	1	908		1.01	L 0.	71	52.1	D	52.	l D			
Northbound													
LR 310)	169	6	0.50	3 0.	18	36.0	D	36.0	D D			

Intersection Delay = 29.9 (sec/veh) Intersection LOS = C

Southbound

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 1/18/2011

Period: PM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Jurisd:

Project ID: 1646PMEX15

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		STO	GNALIZEI	O INTERSE	CTION	SUMMAR	ξΥ				
	l Eas	tbound		oound		thbour		Sout	hbou	 nd	1
	L	T R	•	r R	L	Т	· ·	L	Т	R	1
No. Lane:	s	 1 0	 0	1 0	.¦		¦		0	0	. !
LGConfig	•	TR	[LT	İ	LR	i				Ì
Volume			135 86	69	101		.49				i
Lane Widt	•	13.0		5.0		12.0	İ				i
RTOR Vol	İ	3	Ī		İ	5	9				1
Duration	0.25	Area		ll other							
Phase Cor	mbination	1. 2	signa 3	al Operat 4	ions	5	6	_	8		
EB Left	morna cron		J	I NB	Left	A	U	,	U		
Thru	•	P		1415	Thru	Д					
Right		P		i	Right	A					
Peds		_		i	Peds	**					
WB Left		P		i SB	Left						
Thru		P		1 22	Thru						
Right		_		i	Right						
Peds	_			i	Peds						
NB Right	 -			, EB	Right						
SB Right				WB	Right						
Green	_	64.0		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		17.0					
Yellow		5.0				5.0					
All Red		1.0				1.0					
						Cycl	e Leng	th: 9	93.0	se	cs
				erformanc							
	Lane	Adj Sat	Rati	ios	Lane	Group	Appr	oach			
	Group	Flow Rate									
Grp (Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS			
Eastbound	d d										
TR	1312	1849	0.63	0.71	9.5	Α	9.5	A			
Westbound	d										
LT	1004	1415	1.05	0.71	56.8	E	56.8	E			
Northbour	nd										
LR	311	1699	0.68	0.18	41.5	D	41.5	D			
Southbour	nd										

Intersection Delay = 36.5 (sec/veh) Intersection LOS = D

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 1/18/2011

Jurisd:

Period: SATURDAY PEAK HOUR

Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646SATEX15 E/W St: ROUTE 202/35

N/S St: BALDWIN ROAD

		STO	SNALTZEI	D INTERSE	CTION :	SIIMMAR	·Υ				
	L Eas	stbound		oound		thboun		Sout	hbou		
	L	T R		r R	L		R		Т	R	1
No. Land	•	1 0 TR	0	1 0 LT	0	0 LR	0	0	0	0	¹
Volume	, !	801 47	' 82 80	06	51		.03				1
Lane Wid	dth i	13.0		5.0	•	12.0	.00				i
RTOR Vo	,	2		3.0	İ		7				İ
Duration	n 0.25	Area 1		ll other							
Phago C	ombinatior	1 2	signa	al Operat 4	TOUR	5	6	_	8		
EB Left		1 1 2	3	4 NB	Left	A	О	,	0		
Thre		Р		- I - D	Thru	A					
Rig		P				7\					
Peds		E		<u> </u>	Right Peds	Α					
WB Left		P		l I SB	Left						
Thru		P		ו טט	Thru						
Righ		L		<u> </u>	Right						
Peds				<u> </u>	Peds						
NB Righ				l EB	Right						
SB Righ				WB	Right						
Green		64.0		, ,,,,	nagc	17.0					
Yellow		5.0				5.0					
All Red		1.0				1.0					
			atian D	6	- a	Cycl	e Len	gth: 9	3.0	S	secs
7				erformanc			7				
Appr/ Lane	Lane Group	Adj Sat Flow Rate	Rati	LOS	Lane (Group	App	roach			
Grp	Capacity		v/c		Delay	T 08	Do 1 a	y LOS			
		(s) 	·	97C 		тоэ	Dela	у гоз			
Eastbour	nd										
TR	1316	1854	0.70	0.71	10.9	В	10.9	В			
Westbour	nd										
LT	1155	1628	0.80	0.71	15.0	В .	15.0	В			
Northbou	ınd										
LR	317	1736	0.24	0.18	32.8	С	32.8	С			
Southbou	ınd										

Intersection Delay = 13.7 (sec/veh) Intersection LOS = B

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd: 2013 NO-BUILD TRAFFIC VOLUMES

Period: AM PEAK HOUR Year :

Project ID: 1646AMNB15

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		SI	GNALIZE	ED INTERS	ECTION	SUMMA	RY				
	Ea	stbound	West	bound	Nor	thbour	nd	Sou	thbou	nd	
	L	T R	L 	T R	L 	T	R	L	Т	R I	
No. Lan	es i C) 1 0	i 0	1 0	-i	0	- o i-	0	0	- o i	
LGConfi	•	TR	İ	LT	i	LR	i				
Volume	i	783 266	1186 4	163	81		170 j			i	
Lane Wi	dth	13.0		L5.0		12.0	į			1	
RTOR Vo.	1	11	I		1	{	38]	
Duration	n 0.25	Area		All other							
Phase C	ombinatio	n 1 2	<u>Sigi</u> 3	nal Opera 4	tions	<u>-</u>	6	7	8		
EB Lef)11 1 2	3	4 I NB	Left	A	O	,	0		
Thr		P		} 1 1412	Thru	A					
Rigi		P F		*	Right	. A					
Ped		_		*	Peds	. 11					
WB Lef		P		, SB							
Thr		P		1	Thru						
Rig		Ana.		•	Right						
Ped				•	Peds	•					
NB Rigi				EB							
SB Rigl				WB							
Green		64.0		,	5	17.0					
Yellow		5.0				5.0					
All Red		1.0				1.0					
				£			le Leng	th:	93.0	sec	s
Appr/	Lane	Interse Adj Sat		Performan Lios							
Lane	Group	Flow Rate		102	пане	Group	Mpbr	oach			
Grp	Capacity		v/c	g/C	Delay	LOS	Delay	LOS			
Eastbour	 nd										
TR	1286	1812	0.88	0.71	19.0	В	19.0	В			
Westbour	nd										
LT	601	847	1.17	0.71	108.1	F	108.1	. F			
Northbou	und										
LR	310	1694	0.58	0.18	37.6	D	37.6	D			
Southbou	ınd										

Intersection Delay = 51.9 (sec/veh) Intersection LOS = D

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB15

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		S	IGNALIZI	ED INTER	RSEC	CTION S	SUMMA	RY				
	Ea	stbound		bound			thbou		Sou	thbou	nd	Ī
	L	T R	L	T R		L	Т	R	L	Т	R	
No. Lane	es () 1 0	-i	1 0		0	 0	<u> </u>	0	0	0	_ ·
LGConfi	g İ	TR	Ì	LT			LR	1				1
Volume		792 67	143 9	963		112		158				1
Lane Wid	dth	13.0		15.0] :	12.0					
RTOR Vol	l I	3	1			l		53				
Duration	n 0.25	Area		All othe								
Phase Co	ombinatio	n 1 2	3	4	.ac.	.0115		6	<u>_</u> _	8		
EB Left		711 1 2	3	•	1B	Left	A	Ū	,	·		
Thru		P		i -		Thru						
Rigl		P		i		Right	Α					
Peds				ĺ		Peds						
WB Left	t	P		8	зв	Left						
Thr	ı	P		1		Thru						
Righ	nt			1		Right						
Peds	3			1		Peds						
NB Righ	nt			E	ΣB	Right						
SB Righ	nt			W	VB	Right						
Green		64.0					17.0					
Yellow		5.0					5.0					
All Red		1.0					1.0			^^ ^		
		- .					_	le Len	gtn:	93.0	s	ecs
7				Performa	ance			700	roagh			
Appr/ Lane	Lane	Adj Sat Flow Rate		tios		Lane	Group	App	roach			
Grp	Group Capacity		v/c	g/C		Delay	LOS	Dela	y LOS			
Eastbour	ıa											
TR	1312	1849	0.71	0.71		11.2	В	11.2	В			
Westbour	nd											
LT	991	1356	1.18	0.73		102.2	F	102.	2 F			
Northbou	ınd											
LR	310	1697	0.78	0.18		48.0	D	48.0	D			
Southbou	ınd											

Intersection Delay = 60.4 (sec/veh) Intersection LOS = E

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB15

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		SI	GNALIZE	D INTERSE	ECTION S	SUMMAR	ξY				
	Eas	stbound		bound		hboun		Sou	thbo	und	
	, L	T R	,	T R	L		•	L	Т	R	İ
No. Lan	es 0	1 0	'i 0	1 0	-¦0	0	i_	0	0	0	;
LGConfi	•	TR	i	LT	i	LR	Ì				i
Volume	İ	888 54	87 8	93	59	1	.09 j				i
Lane Wi	dth	13.0	1	5.0	1	12.0					ĺ
RTOR Vo	1	2	1		l	7	'8				1
Duratio	n 0.25	Area		ll other				,			
Phase C	ombination	n 1 2	sign 3	al Operat 4	ions	-	<u>-</u>	7		 8	
EB Lef			J	I NB	Left	A	J	•	,	O	
Thr		P		112	Thru	••					
Rig		P		i	Right	A					
Peď				İ	Peds						
WB Lef	t	P		SB	Left						
Thr	u	P		į	Thru						
Rig	ht				Right						
Ped	.s			I	Peds						
NB Rig	ht			EB	Right						
SB Rig	ht			WB	Right						
Green		64.0				17.0					
Yellow		5.0				5.0					
All Red		1.0				1.0					
				_	_	_	e Leng	th:	93.0		secs
				erformano			·····				·
Appr/	Lane	Adj Sat	Rat	108	Lane (roup	Appr	oach			
Lane	Group	Flow Rate			Delay	T O C	Do 1 a		····		
Grp	Capacity	(s)	v/c	g/C	Deray	TOS	Delay	, ros			
Eastbou	nd										
TR	1315	1853	0.78	0.71	13.3	В	13.3	В			
Westbou	nd										
LT	1110	1564	0.92	0.71	25.8	С	25.8	С			
Northbo	und .										
LR	314	1720	0.32	0.18	33.6	С	33.6	С			
	und										

Intersection Delay = 20.2 (sec/veh) Intersection LOS = C

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Period: AM PEAK HOUR Jurisd: 2013 BUILD TRAFFIC VOLUMES

Year :

Project ID: 1646AMBD15 E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		STO	GNALTZE	D INTERSE	CTION S	RAMMIR	Υ				
	l Eas	tbound		bound		hboun		Sou	thboi	ind	
	L	T R	•	T R	L		•	L	T	R	
No. Lanes	i	1 0	0	1 0	¦ <u>-</u>	0		0	0	0	¦
LGConfig	1	TR		LT		LR	l				
Volume	-		•	71	182		70				
Lane Width	- [:	13.0	1	5.0	1	12.0	***				
RTOR Vol	l	11	ŀ			8	8				
Duration	0.25	Area		ll other							
Phase Comb	ination	1 2	srgn. 3	al Operat 4	TOHS	 5	6	7		3	
	inacion	1 2	3	•	Tafh		О	/	•	0	
EB Left		D		l NB	Left	A					
Thru		P		1	Thru	**					
Right		P		1	Right	A					
Peds		_			Peds						
WB Left		P		SB	Left						
Thru		P		ı	Thru						
Right				1	Right						
Peds				-	Peds						
NB Right				EB	Right						
SB Right				WB	Right						
Green		64.0				17.0					
Yellow		5.0				5.0					
All Red		1.0				1.0					
		T +		<i>6</i>		_	e Leng	th:	93.0	:	secs
7 / T				erformanc			7				
Appr/ Lar		Adj Sat	Rat	IOS	Lane G	roup	Appr	Oacn			
	oup	Flow Rate	/		D-1		D-1				
Grp Cap	pacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS			
Eastbound											
TR 12	286	1812	0.88	0.71	19.3	В	19.3	В			
Westbound											
LT 60	03	849	1.18	0.71	112.4	F	112.4	F			
Northbound											
LR 31	1.0	1695	0.59	0.18	37.7	D	37.7	D			
Southbound											

Intersection Delay = 53.7 (sec/veh) Intersection LOS = D

Jurisd:

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/04/2011

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD15

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		SI	GNALIZE	D INTERSI	ECTION SU	UMMARY			
	Eas	tbound	West	bound	North	hbound	Sou	thboun	d
	L	T R	L	T R	L 1	ľ R	L	T	R
No. Lanes	s 0	1 0	i	1 0	- i	0 0	0	0	 ;
LGConfig	i	TR	i İ	LT	i	LR	j		į
Volume	1	835 72	143 1	006	1117	158	1		ĺ
Lane Widt	th	13.0	1	5.0	12	2.0	1		
RTOR Vol	I	3	I		I	53	I		l
Duration	0.25	Area '		ll other					
Phase Com	mbination	1 2	3	4	.10113	5 6		8	
EB Left		-	-	l NB	Left	A			
Thru		P		i	Thru				
Right	t	P		i	Right	A			
Peds				I	Peds				
WB Left		P		SB	Left				
Thru		P			Thru				
Right	t			I	Right				
Peds				1	Peds				
NB Right				EB	Right				
SB Right	t.			WB	Right				
Green		64.0				17.0			
Yellow		5.0				5.0			
All Red		1.0			-	1.0			
					~	Cycle Le	ngth:	93.0	secs
7 / 7				erformano					
	Lane	Adj Sat		ios	Lane G	roup Ap	proach		
	Group	Flow Rate	v/c	<u>g/C</u>	Delay 1	TOS DOJ	ay LOS	were www.	
Grp C	Capacity	(s)	V/C	g/C	beray 1	ros ner	ау ьоз		
Eastbound	i								
TR	1312	1849	0.75	0.71	12.3	в 12.	3 В		
Westbound	i								
LT	975	1333	1.24	0.73	129.8	F 129	.8 F		
Northboun	nd								
LR	311	1699	0.79	0.18	49.6	D 49.	6 D		
Southboun	nd								

Intersection Delay = 74.3 (sec/veh) Intersection LOS = E

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD15

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		STO	SNALTZEI) INTERSE	CTION S	SUMMAR	Y				
	l Easi	bound	Westh			hboun		SOU	thbo	and	
	L	T R	L I		L			L	T	R	i
					J	·	l_				
No. Lanes	1 0	1 0	0	1 0	1 0		0	0	0	0	
LGConfig	1	TR		LT		LR					
Volume	•		87 96		166		09 I				
Lane Width	1 :	13.0	15	5.0	1	L2.0	1				
RTOR Vol	1	2				6	8				I
Duration	0.25	Area T		l other							
=				ıl Operat	ions						
Phase Comb	ination	1 2	3	4		5	6	7		8	
EB Left		_		NB	Left	A					
Thru		P		ļ.	Thru						
Right		P		ļ	Right	Α					
Peds					Peds						
WB Left		P		SB	Left						
Thru		P		ļ	Thru						
Right				l	Right						
Peds				l	Peds						
NB Right				EB	Right						
SB Right				WB	Right						
Green		54.0				17.0					
Yellow		5.0				5.0					
All Red	-	L.0				1.0			00 0		
	•	Tatamaaa	.tion Do		a C		e Leng	tn:	93.0		secs
Appr/ Lar		Interset Adj Sat	Rati	erformanc	Lane G						
	ne oup	Flow Rate	Nacı	.05	Lane (TOup	Appr	oach			
	oup pacity	(s)	v/c	g/C	Delay	TOS	Delay	TOS			
Gib Cal	pacity	(5)	V/C	970	ретаў	поэ	ретаў	пов			
Eastbound											
TR 13	314	1852	0.84	0.71	16.4	В	16.4	В			
Westbound											
LT 10	007	1531	1 01	0.71	42.4	D	12 1	D			
		1001	T.OT	0.71	76,7	<i>1.</i> 7	74.7	D			
Northbound											
LR 31	13	1713	0.38	0.18	34.1	С	34.1	С			
Southbound											

Intersection Delay = 29.6 (sec/veh) Intersection LOS = C

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB15 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

E/W St: R	OUTE 202	:/35				N/S	St: B	ALDWI	n road	ı			
			SIC	GNALI	ZED IN	TERSE	CTION	SUMMA:	RY				
	Eas	tbour			stboun			thbou		Sou	thbou	ind	1
	l L	T	R	L 	T	R	L 	T	R	L	Т	R	i I
No. Lanes	0	1	0	<u>'</u>	1	0	i		i	0	0	0	·
LGConfig	***************************************	TR		L	T		1	LR	1				1
Volume	****	783	266	186	463		81		170				
Lane Widt	h	13.0		12.0	15.0			12.0					
RTOR Vol			13				1		86				
Duration	0.25		Area '	 I'ype:	Allo	ther	areas						
				Si	gnal O	perat	ions						
Phase Com	bination	1	2	3	4			5	6	7	8	}	
EB Left						NB	Left	Α					
Thru			P			1	Thru						
Right			Р			1	Right	A					
Peds							Peds						
WB Left		Α	Р			SB	Left						
Thru		A	P			İ	Thru						
Right						-	Right						
Peds						1	Peds						
NB Right						EB	Right						
SB Right		5 0	F 2 2			WB	Right						
Green		5.0	53.0					14.0					
Yellow	•	5.0	5.0					5.0					
All Red		1.0	1.0					1.0 Cvc	le Len	ath.	90.0	s	ecs
		I	nterse	ction	Perfo	rmanc	e Summ	_	10 101	.9 011 •	50.0		
Appr/ L	ane		j Sat		atios		Lane		App	roach			
	roup	Flor	w Rate			_							
Grp C	apacity		(s)	v/c	g/	C	Delay	LOS	Dela	y Los			
Eastbound							·						
T 'R	1107	1.83	12	1.02	2 N	61	48.9	D	48.9) D.			
1 IX	1107	J. O .	L &			01	40.5	D	10.5	, D,			
Westbound													
	325	170		0.62		73	12.4	В					
T	1405	191	16	0.3	60.	73	4.4	A	6.7	A			
Northboun	d												
LR	263	16	93	0.70	0.	16	43.8	D	43.8	B D			
Southboun	d												

Intersection Delay = 33.7 (sec/veh) Intersection LOS = C

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

			STO	ZNAT.T	ZED TN'	PERSE	CTION S	AMMIIS	RY					
	I Fact	tboun			stbound			hbou		SON	thbou	ınd		
	L	T	R	l L	T	R	L	Т	R I	L	T	R	1	
	11	1	11	1	-	10	1 -	*	., .	1.5	-	11	1	
No. Lanes	¦	<u>_</u>	0	' 1	1	0	¦	0	- 		0	0	¦	
LGConfig	İ	TR		L	${f T}$		1	LR	1				1	
Volume	į ·	792	67	143	963		1112		158				1	
Lane Width	i :	13.0		12.0	15.0		j 1	12.0	ĺ				ĺ	
RTOR Vol	İ		3				İ		56				i	
Duration	0.25		Area :		All o									
					gnal O	perat	ions	<u>_</u>						
Phase Combi	nation	T.	2	3	4		T - C-	5	6	7	8	3		
EB Left			_			NB	Left	A						
Thru			P			<u> </u>	Thru	_						
Right			P			l	Right	A						
Peds							Peds							
WB Left		A	P			SB	Left							
Thru		A	P				Thru							
Right							Right							
Peds							Peds							
NB Right						EB	Right							
SB Right						WB	Right							
Green	4	4.0	53.5					17.5						
Yellow	4	4.0	4.0					4.0						
All Red		1.0	1.0					1.0						
								Сус	le Len	gth:	90.0		secs	
		In	terse	ction	Perfo	rmanc	e Summa	ary						
Appr/ Lan	e	Ādj	Sat	Ra	atios		Lane (Group	App	roach				
Lane Gro	up	Flow	Rate											
Grp Cap	acity	(s)	v/c	g/	Ē	Delay	LOS	Dela	y LOS				
Eastbound														
TR 11:	20	184	.9	0.83	3 0.	61	21.3	С	21.3	С				
Westbound														
L 34	1	170		0.44			8.3	Α						
Т 13	52	191	. 6	0.75	5 0.	71	10.4	В	10.1	В				
Northbound														
	_						44 0	_		_				
LR 33	0	169	18	0.72	2 0.1	19	41.3	D	41.3	D				
Southbound														

Intersection Delay = 17.8 (sec/veh) Intersection LOS = B

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB5 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

			STO	GNALT 7	ED IN	TERSE	CTION S	SUMMAR	Y				
	l East	bound	_~		tboun			hboun		Sout	hbou	nd	
	•	T R		L	Т	R	L		· ·	L	Т	R	
No. Lanes	0	1 0		' <u>-</u> -	<u>1</u>	0	¦	0	 i-	0	0	0	-;
LGConfig	1	TR		L	T	Ü		LR	,	Ŭ	Ť	•	i
Volume	,	88 54		, <u> </u>	893		59		09 i				i
Lane Width	•	3.0		12.0			•	12.0	i				i
RTOR Vol		2					***************************************		8 j				İ
Duration	0.25	Ar	 ea '	Type:	All o	 ther	 areas						
					gnal O								
Phase Combi	ination	1	2	3	4			5	6	7	8		
EB Left						NB	Left	Α					
Thru			P				Thru						
Right			P			•	Right	A					
Peds							Peds						
WB Left		A	₽			SB	Left						
Thru		A	P			1	Thru						
Right							Right						
Peds							Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green			2.0					14.0					
Yellow			.0					5.0					
All Red	1	0 1	.0					1.0					
								_	e Leng.	th:	90.0	s	ecs
						rmanc	e Summa		7	1-			
Appr/ Lar		Adj S			atios		Lane (Group	Appr	oach			
Lane Gro	-	Flow R	ate			~			<u></u>				
Grp Car	pacity	(s)		v/c	g/	C	Delay	LOS	Delay	гоз			
Eastbound													
TR 11	112	1853		0.92	2 0.	60	36.1	D	36.1	D			
Westbound													
	63	1708		0.25		73	6.8	A					
T 14	405	1916		0.6	5 0.	73	7.2	A	7.1	A			
Northbound													
LR 26	56	1709		0.42	2 0.	16	35.4	D	35.4	D			
Southbound													

Intersection Delay = 22.3 (sec/veh) Intersection LOS = C

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD15 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

			STO	QNAT.T	ZED IN	TERSE	CTION :	AMMIR	RY				
	l Eas	tbou			stboun			thbou		Sou	thbo	und	
	L	T	R	, ,, L	T	R	L	Т	R	L	T	R	i
	l	-	11	1	-	10	1	*			-		i
No. Lanes	i	<u>_</u>	0	' 1		0	¦	 0	i-		0	0	
LGConfig	i	TR		L	$\overline{\mathbf{T}}$	•	1	LR	,	ŭ	•	·	ì
Volume	i	787		186	471		182		170 i				i
Lane Width		13.0		12.0				12.0					İ
RTOR Vol	. <u>.</u>	-0.0	13	1	10.0		1	,	86 i				1
21,2021 ,02	'			'			•		,				,
Duration	0.25		Area	Type:	A11 o	ther	areas						
				Si	gnal O	perat	ions						
Phase Comb	oination	1	2	3	4	1		5	6	7		8	
EB Left						NB	Left	A					
Thru			P			1	Thru						
Right			P			1	Right	Α					
Peds						1	Peds						
WB Left		A	P			SB	Left						
Thru		A	P			1	Thru						
Right						1	Right						
Peds						1	Peds						
NB Right						EB	Right						
SB Right						WB	Right						
Green		5.0	53.0			•		14.0)				
Yellow		5.0	5.0					5.0					
All Red		1.0	1.0					1.0					
									le Len	ath:	90.0		secs
		Ιı	nterse	ction	Perfo	rmanc	e Summa	_		J			
Appr/ La	ane		j Sat		atios		Lane		qqA	roach			
	coup		w Rate					•	A. A.				
	apacity		(s)	v/c	g/	C	Delay	LOS	Dela	y LOS			
7-F			(-,	., -	9,								
Eastbound													
TR 1	L107	183	12	1.02	2 0.	61	50.2	D	50.2	D			
Westbound													
	324	170		0.62		73	12.5	В					
T 1	1405	193	16	0.36	50.	73	4.4	A	6.7	Α			
Northbound	i												
				_	_								
LR 2	264	169	94	0.70	0.	16	43.8	D	43.8	D			
Southbound	d												

Intersection Delay = 34.3 (sec/veh) Intersection LOS = C

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD15 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

			STA	CNAT.T	ZED TN	TERSE	CTION	STIMMA	RY					
	l Eas	tbou		-	stboun			thbou		Sou	thbo	und		
	L	T	R	L	T	R	L	T	R	L	Т	R	ĺ	
No Tamas	I	<u>-</u>		 			.	· 0	l					
No. Lanes	1 0	TR	U	L	i T	U	0	LR	U	O	U	U	1	
LGConfig	1		72	<u>1</u> 143	1006		 117	μK	158				1	
Volume	İ	835		•				10 0	100				- !	
Lane Width	!	13.0		12.0	15.0			12.0	5.6				!	
RTOR Vol	***		3	Į.					56				ı	
Duration	0.25		Area		All o									*****
					gnal C	perat	ions							
Phase Combi	.natior	1 1	2	3	4	1		5	6	7		8		
EB Left						NB	Left	А						
Thru			P			1	Thru							
Right			P			1	Right	. A						
Peds						1	Peds							
WB Left		Α	P			SB	Left							
Thru		A	P			1	Thru							
Right						1	Right	· •						
Peds						İ	Peds							
NB Right						l EB	Right							
SB Right						WB	Right							
Green		4.0	53.5					17.5						
Yellow		4.0	4.0					4.0	-					
All Red		1.0	1.0					1.0						
mii kea			1.0						cle Ler	igth:	90.0		secs	3
		Ţı	nterse	ction	Perfo	rmanc	e Summ	ıary -		-				
Appr/ Lan	.e	Ad:	j Sat	R	atios		Lane	Group	App	roach				
Lane Gro	up	Flor	w Rate					_						
	acity		(s)	v/c	g/	C	Delay	LOS	Dela	ay LOS				
Eastbound														
Bababaana														
TR 11	20	184	49	0.8	8 0.	61	24.7	С	24.	7 C				
Westbound														
L 32	3	170	80	0.4	70.	71	8.8	Α						
т 13	52	19	16	0.7	8 0.	71	11.5	В	11.2	2 B				
Northbound														
LR 33	1	174	00	0.7	ა ი	19	42.3	D	42.3	3 D				
	т.	Τ / /	00	0.7	J 0.	19	74.5	v	74.	ט ,				
Southbound														

Intersection Delay = 19.8 (sec/veh) Intersection LOS = B

Analyst: RGD Inter.: ROUTE 202/35 & BALDWIN ROAD

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD15 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: BALDWIN ROAD

		SIGN	NALIZ	ED INT	CERSE	CTION	SUMMA	RY			
	Eastbou	ind	Wes	tbound	k	Nor	thbou	nd	Sou	thbou	nd
	L T	R	L	T	R	L	T	R	L	Т	R
No. Lanes	0 1	i-	1	1	0	i	 0	- i-	0	0	i
LGConfig	T	•	L	T	_	, 	LR	i			İ
Volume	958			963		66		109 j			İ
Lane Width	•		12.0			ĺ	12.0				•
RTOR Vol	İ	2				ĺ		68 I			1
Duration	0.25	Area Ty									
Phase Comb	ination 1	2	sig	nal Og 4	perat. I	rons	<u>_</u>	6	 7	8	
EB Left	INACION I	۷	J	7	I INB	Left	A	O	,	Ū	
Thru		P			14 <i>D</i>	Thru					
Right		P			! 	Right	А				
Peds		-			' 	Peds	~~				
WB Left	А	P			I SB	Left					
Thru	A	P			, 	Thru					
Right					İ	Right					
Peds					İ	Peds					
NB Right					EB	Right					
SB Right					WB	Right					
Green	6.0	52.0				•	14.0				
Yellow	5.0	5.0					5.0				
All Red	1.0	1.0					1.0				
								le Leng	th:	90.0	secs
		Intersect			rmanc						
Appr/ La		dj Sat	Ra	tios		Lane	Group	Appr	oach		
	-	ow Rate			_						
Grp Ca	pacity	(s)	v/c	g/(C	Delay	LOS	Delay	LOS		
Eastbound	trans aread wave week word health aread, payob think area										
TR 1	111 18	352	1.00	0.0	60	43.8	D	43.8	D		
Westbound							_				
		708	0.27			7.3	A	0 1	78		
T 1	405 19	916	0.71	0.	/3	8.2	A	8.1	A		
Northbound											
LR 2	66 17	713	0.45	0.3	16	35.7	D	35.7	D		

Intersection Delay = 26.6 (sec/veh) Intersection LOS = C

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd:

Period: AM PEAK HOUR Year: 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646AMEX16
E/W St: ROUTE 202/35
N/S St: NYS ROUTE 118

	Eas	stbour	nd	Wes	stbou	nd	No	rthboi	und	Son	uthboi	und	
	L	T	R	L	T	R	l L	Т	R	i L	T	R	
No. Lanes	1	1	<u>_</u>	-¦ <u>-</u>	1	<u>_</u>	-	<u>_</u>	1	-¦ <u>-</u>	1	0	
LGConfig	L	${f T}$	R	L	${f T}$	R	L	${f T}$	R	L	TR		
Volume	1297	380	204		226		167	200	37	207	410	89	
Lane Width	111.0	11.0	11.0	11.0	12.0	10.0	11.0	11.0	11.0	12.0	12.0		
RTOR Vol	1		27	1		0	I		0	1		20	

Dur	ation	0.25		Area	Type:	All o	the	er d	areas					
					Sic	gnal O	pe:	rat.	ions					
Pha	se Combi	nation	1	2	3	4				5	6	7	8	
EB	Left		A	Α			1	NB	Left	Α	A			
	Thru		A				l		Thru	A				
	Right		A						Right	Α				
	Peds								Peds					
WB	Left		A	Α			3	SB	Left	A	A			
	Thru		A						Thru	А				
	Right		A	A					Right	A				
	Peds								Peds					
NB	Right			Α]	EΒ	Right		A			
SB	Right						[WB	Right	A	A			
Gre	en	5	5.0	10.0						25.0	10.0			
Yel	low	4	.0	4.0						4.0	4.0			
All	Red	1	.0	1.0						1.0	1.0			

Cycle Length: 120.0 secs

		Intersec	tion Pe	erforman	ce Summa	ry		
Appr/	Lane	 Adj Sat	Rat:	ios	Lane G	roup	Appro	oach
Lane	Group	Flow Rate						
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS
Eastbou	nd							
L	655	1678	0.49	0.59	18.7	В		
${f T}$	840	1801	0.49	0.47	22.6	С	19.0	В
R	888	1501	0.22	0.59	11.6	В		
Westbou	nd							
L	534	1711	0.07	0.59	17.9	В		
T	869	1863	0.28	0.47	19.8	В	12.0	В
R	1478	1478	0.12	1.00	0.0+	A		
Northbo	und							
L	271	1686	0.67	0.34	53.8	D		
T	385	1775	0.56	0.22	43.8	D	46.4	D
R	525	1538	0.08	0.34	26.8	С		
Southbo	und							
L	390	1787	0.58	0.34	41.9	D		
TR	391	1805	1.33	0.22	213.2	F	161.5	F

Intersection Delay = 63.6 (sec/veh) Intersection LOS = E

Area Type: All other areas Agency: JCE

Date: 1/18/2010 Jurisd:

Period: PM PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646PMEX16

M/C C+. MVC DOMMER 118/COMMERCE STREET

E/W St: RO	OUTE 20:	2/35				N/S	St: N	YS RO	UTE 11	.8/C01	MMERCI	E STR	EET
			ST	2N/AT.T!	יד מקל	ਪਾਸ ਦੇ ਨੇ ਵਿਸ਼	CTION	SIIMMA	DΥ				
	l Fa	stbour			stbour			thbou		501	uthboi	ınd	1
	L	Т	R	L	Т	R	L	Т	R I	L	Т	R	1
No. Lanes			1	' 1	<u>_</u>	<u></u>	' <u>-</u> -	<u></u>	'	1	1	0	- ¦
LGConfig	L	${f T}$	R	L	${f T}$	R	L	${f T}$	R	L	TR		İ
Volume	275	290		253	406	40	1275	450	41 i	154	252	195	j
Lane Width	111.0	11.0	11.0	111.0	12.0	10.0	11.0	11.0	11.0	12.0	12.0		Ì
RTOR Vol			25			0	1		0 Ι			3	1
Duration	0.25		Area :	Pune:	711 /		27626						
Daracion	0.25		ALGA .			Operat							
Phase Comb	oinatio	n 1	2		4			5	6	7		 _	
EB Left		Α	Α			NB	Left	A	A				
Thru		Α					Thru	Α					
Right		A				Ì	Right	. A					
Peds						i	Peds						
WB Left		Α	А			, SB	Left	Α	A				
Thru		Α				i	Thru	A					
Right		Α	Α			i	Right						
Peds						i	Peds						
NB Right			Α			EB	Right		Α				
SB Right						WB	Right		Α				
Green		55.0	10.0			•	_	25.0	10.0)			
Yellow		4.0	4.0					4.0	4.0				
All Red		1.0	1.0					1.0	1.0		•		
								_	le Ler	ngth:	120.	o s	ecs
						ormanc	e Summ						
	ine	_	j Sat	Rá	atios		Lane	Group	App	proac	h		
	oup		w Rate										
Grp Ca	pacity		(s)	v/c	g,	/C	Delay	LOS	Dela	ау ГО	S		
Eastbound													
L 5	06	167	78	0.58	3 0.	.59	28.4	С					
Т 8	40	180) 1	0.37	7 0.	47	20.9	C	21.8	3 C			
R 8	88	150	01	0.18	3 0.	.59	11.3	В					
Westbound													
L 6	13	171	l 1	0.44	4 0.	.59	19.9	В					
T 8	69	186	53	0.50	0.	. 47	22.8	С	20.4	1 C			
R 1	.478	147	78	0.03	3 1.	.00	0.0+	Α					
Northbound	Į.												
L 2	71	168	36	1.08	3 0.	. 34	128.4	F					
т 3	85	177	75	1.24	1 0	.22	177.0	F	151	5 F			
R 5	25	153	38	0.08	3 0.	.34	26.8	С					
Southbound													
L 2	86	178	37	0.58	3 0.	.34	49.8	D					
TR 3	74	172	25	1.29	0.	.22	196.8	F	159	.0 F			

Intersection Delay = 86.7 (sec/veh) Intersection LOS = F

Inter.: NYS ROUTE 118 & ROUTE 202/35 Analyst: RGD

Agency: JCE Area Type: All other areas

Date: 1/18/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2010 EXISTING TRAFFIC VOLUMES

Project ID: 1646SATEX16

Southbound

 \mathbf{L}

TR

286

373

1787

1722

-	ROUTE 2		10			N/S	S St: N	IYS RO	OUTE 1	18/CO	MMERC	E ST	REET
			SI	GNALIZ	ED II	NTERSE	CTION	SUMMA	ARY				
		astbou			tbou			thbou		l So	uthbo	und	
	i L	T	R	L	T	R	L	T	R	L	Т	R	i
	!			!			·						!
No. Lan	-	1 1	1	1	1	1	1	1	1	1	-	0	1
LGConfi	-	T	R	L	T	Ŕ	L	T 25.6	R	L	TR		1
Volume	319			159	333	190	263	356	74	1158	230	199	1
	dth 11.	0 11.0		i TT.O	12.0		ITT.O	11.0		112.0	12.0	1 5	l l
RTOR Vo	Ι Ι		47	*		0	ł		0	I		15	ı
Duration	n 0.2	5	Area			other Operat	areas				······································		
Phase Co	ombinati	on 1		3	, 11 a ±	Jerac		<u>-</u> -	<u>-</u> 6			8	
EB Lef		A	A	•	-	NB	Left	A	Ā	•		•	
Thr		A	**			1	Thru	A					
Rigi		A				i	Right						
Ped		2.1				i	Peds						
WB Lef		A	A			i sb	Left	A	A				
Thru		A	п			1 55	Thru		11				
Rigi		A	Α			i	Right						
Ped		A	A			l I	Peds						
NB Rigi			Α			EB	Right	_	А				
_			M			WB	Right		A				
SB Rig Green	II C	55.0	10.0			, MD	Kranc	25.0		٥			
Yellow		4.0	4.0					4.0	4.0				
All Red		1.0	1.0					1.0	1.0				
ATT KEG		1.0	1.0						cle Le		120	0	5055
		T	nterse	ation	Dorf.	ormano	o Sumn	_	эте ге	ng cn.	120.	U	secs
Appr/	Lane		nterse j Sat			Olikalic			o Ap	nroac			
Lane	Group		y Sat w Rate		ILIUS		nane	Grou	y rb	proac	11		
Grp	Capacit			v/c	g	<u>√</u> C	Delay	LOS	Del	ay LO	 S		
							·						
Eastbou		1.6	70	0 60		E 0	26 1	C					
L	562	16		0.62 0.38		.59 .47	26.4 21.1		20.	9 C			
T R	840 888	18				.59	11.9	C B	20.	9 0			
Westbou		13	01	0.25	, 0	. 33	11.9	Ь					
	605	17	11	0.11	0	.59	15.5	ъ					
L	869			0.11		. 47	21.5	B C	13.	9 B			
T	1478	18 14		0.42		.00	0.0+		τɔ.	, 6			
R Northbo		.14	70	0.14	: J.	.00	0.07	Α					
	271	16	86	1.03	2 0	.34	114.0) F					
L T	385	17		0.98		.22	88.4	л E F	91.	6 F			
_	525	15		0.98		.34	27.5	r C	21.	O F			
R	545	1.2	J 0	0.15	, (. 94	21.3	C					

Intersection Delay = 68.0 (sec/veh) Intersection LOS = E

52.0 D

196.1 F

156.2 F

0.64 0.34 1.29 0.22

Agency: JCE Area Type: All other areas

Date: 2/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB16

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 118

			-,						~~~					
								ECTION	SUMMA thbou			uthbo		
			stbour T	•		stbou T		L	T	R	l L	uenbo T	R	1
		L 	1	R	L 	1	R	ا 1 س	Ţ	Ľ	<u>1</u>	Ţ	K	
No.	Lanes	1	1	1	i <u>-</u>	1	1	$-\frac{1}{1}$	1	1	1	1.	0	i
LGC	onfig	L	${f T}$	R	L	${f T}$	R	L	T	R	m L	TR		
Vol	ume	317	406	221	39	243	178	1181	212	39	219	435	97	
Lan	e Widtl	h 11.0	11.0	11.0	11.0	12.0	10.0	111.0	11.0	11.0	12.0	12.0		
RTO	R Vol	1		27	1		0	1		0			20	l
Dur	ation	0.25		Area '	l'vpe:	A 1.1	other	areas						
Dar	a 0 1 0 11	0,20		11200			Operat							
Pha	se Com	binatio	n 1	2	3	4	_		 5	6	7		8	
EB	Left		Α	A			NB	Left	Α	A				
	Thru		Α					Thru	A					
	Right		Α					Right	. A					
	Peds							Peds						
WB	Left		Α	A			SB	Left	Α	Α				
	Thru		A				1	Thru	Α					
	Right		Α	A			1	Right	. A					
	Peds						1	Peds						
NB	Right			A			EB	Right		A				
SB	Right						WB	Right		A				
Gre	en		55.0	10.0					25.0)			
Yel			4.0	4.0					4.0	4.0				
All	Red		1.0	1.0					1.0	1.0				
			_					a		cle Lei	ngth:	120.	0	secs
								ce Summ		7				
App		ane	_	j Sat	Rá	atios		Lane	Group	App	proac	11		
Lan		roup		V Rate			70	Delay		Dol:	ay LO	_		
Grp	C	apacity		(s)	v/c	g	/C	ретау	, поз	Der	зу по	۵		
Eas	tbound													
L		640	167		0.5		.59	20.3	C	40.	_			
T		840	180		0.52		.47	23.2	C	19.	8 B			
R		888	150)1	0.2	4 0	.59	11.8	В					
	tbound							400	_					
L		513	171		0.08		.59	19.0	В	10	^ 5			
T		369	186		0.30		.47	20.1	Ç	12.	2 в			
R		1478	147	/8	0.13	3 L	.00	0.0+	A					
	thbound		1.00		A 77		2.4	E 😝 👍	***					
L		271	168		0.73		.34	57.4	E	40	E 5			
T		385	177		0.60		.22	44.8	D	48.	5 D			
R		525	153	38	0.0	5 U	.34	26.8	С					
	thbound		1 7 7	> →	0 6	2 ^	24	44.2	D					
L		379 301	178		0.63		.34	44.3	D t	100	1 🖙			
TR	•	391	180	33	1.42	∠ U	.22	252.4	F	T A ()	.1 F			

Intersection Delay = 72.4 (sec/veh) Intersection LOS = E

Agency: JCE Area Type: All other areas

Date: 2/11/11

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Jurisd:

Project ID: 1646PMNB16
E/W St: ROUTE 202/35

E/W	ÍSt: RO	OUTE 20	2/35				N/S	St: N	IYS RO	OUTE 1	18			
				SI	GNALI	ZED II	NTERSE	CTION	SUMMA	\RY				
		Ea	stbour			stbou:			thbou		So	uthbo	und	
		l L	T	R	L	Т	R	L	Т	R	L	Т	R	İ
No.	Lanes	i 1	1	1	i 1	1	1	i <u>1</u>	1	<u></u>	1	1		i
LGC	onfig	L	${f T}$	R	! L	${f T}$	R	L	${f T}$	R	L	TR		
Vol	ume	1299	320	202	1268	444	42	306	477	43	163	267	214	.
Lan	e Width	1 11.0	11.0	11.0	11.0	12.0	10.0	11.0	11.0	11.0	112.0	12.0		ĺ
RTO	R Vol	ĺ		24	İ		0	İ		0	İ		3	Ì
Dur	ation	0.25		Area '	Type:	A11	other	areas						
							Operat							
Pha	se Comb	oinatio	n 1	2	3	4	Ī		5	6	7		8	
EB	Left		A	A			NB	Left	Α	A				
	Thru		A				1	Thru	Α					
	Right		Α				İ	Right	: A					
	Peds						1	Peds						
WB	Left		A	A			SB	Left	A	Α				
	Thru		A				İ	Thru	Α					
	Right		Α	A			1	Right	: A					
	Peds						1	Peds						
NB	Right			A			EB	Right	<u>:</u>	A				
SB	Right						WB	Right	: A	A				
Gre	en		55.0	10.0				-	25.0	10.	0			
Yel	low		4.0	4.0					4.0	4.0				
All	Red		1.0	1.0					1.0	1.0				
									Сус	cle Le		120.	0	secs
					ction	Perf	ormano	e Summ	nary					
App	r/ La	ıne	Adj	Sat	Ra	atios		Lane	Group	о Ар	proac	h		
Lan	e Gr	oup	Flow	<i>R</i> ate										

		Intersec	tion P	erforman	ice Summa	ry	_	
Appr/	Lane	Adj Sat	Rat	ios	Lane G	roup	Appro	ach
Lane	Group	Flow Rate						
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS
Eastbou	ınd						····	
L	476	1678	0.68	0.59	35.0+	D		
T	840	1801	0.41	0.47	21.4	С	24.4	C
R	888	1501	0.22	0.59	11.6	В		
Westbou	ınd							
L	587	1711	0.49	0.59	21.8	C		
T	869	1863	0.55	0.47	23.7	C	21.7	С
R	1478	1478	0.03	1.00	0.0+	Α		
Northbo	und							
L	271	1686	1.20	0.34	171.5	F		
T	385	1775	1.32	0.22	206.9	F	184.4	F
R	525	1538	0.09	0.34	26.9	С		
Southbo	und							
L	286	1787	0.62	0.34	51.1	D		
TR	373	1723	1.39	0.22	238.9	F	191.1	F

Intersection Delay = 102.9 (sec/veh) Intersection LOS = F

Agency: JCE Area Type: All other areas

Date: 2/11/11 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB16

ΤR

373

1720

	gect ID: St: ROU			Τ θ			N/S	S St: N	IYS RO	UTE 1	L 8				
			ŕ		~										
								ECTION							
		•	stbou			stbour			thbou		•	outh!			
		L	Т	R	L 	Т	R	L	T	R	L	Т		R	l I
No.	Lanes	1	1	1	' <u>-</u>	1	1	-¦ <u>-</u>	1	1	` ———	1	1	0	<u>'</u>
LGC	onfig	L	Т	R	L	Т	R	L	T	R	L		TR		
Vol	ume	1346	326	278	63	365	201	1293	377	78	167	24	4	218	
Lan	e Width	11.0	11.0	11.0	11.0	12.0	10.0	111.0	11.0	11.0	12.	0 12	.0		
RTO	R Vol	1		49	1		0	1		0	l			15	1
Dur	ation	0.25		Area '	Type:	A11 c	other	areas							
					Sig		Operat	cions							
	se Combi	natio	n 1	2	3	4	1		5	6	,	7	8		
EΒ	Left		A	A			NB	Left	A	A					
	Thru		Α				J	Thru	A						
	Right		A					Right	. A						
	Peds]	Peds							
WB	Left		Α	A			SB	Left	A	A					
	Thru		A					Thru	Α						
	Right		Α	Α			1	Right	: A						
	Peds							Peds							
NB	Right			Α			EB	Right	•	Α					
SB	Right						WB	Right		A					
Gre	en		55.0	10.0					25.0	10.0)				
Yel	low		4.0	4.0					4.0	4.0					
All	Red		1.0	1.0					1.0	1.0					
			т.			D 6 -				cle Lei	ngth	: 12	0.0	S	secs
7	 r/ Lan							e Summ		7\~					
App Lan			-	j Sat	r.c	atios		Lane	Group	Apl	oroa	CII			
		oup		w Rate	/-		7 c	Delay	. 100	Do.1	ay L	00			
Grp	Car	acity		(s)	v/c	97	<i>,</i> C	ретай	, гор	Der	ау г	US .			
Eas	tbound														
L	53	35	16	78	0.70	0.	.59	32.0	С						
\mathbf{T}	84		180	01	0.42	20.	. 47	21.6	С	23.2	2	C			
R	88	8	150	01	0.28	3 0.	.59	12.2	В						
Wes	tbound														
${f L}$	57		17		0.12	20.	.59	16.6	В						
Ţ	8 6	59	186	63	0.46	S 0.	. 47	22.1	С	14.5	5	В			
R		78	147	78	0.15	5 1.	.00	0.0+	Α						
Nor	thbound														
\mathbf{L}	27		168		1.15		.34	152.3							
T	38		17		1.04		.22	104.1	. F	115	. 0	F			
R	52	25	153	38	0.16	5 0.	.34	27.6	С						
Sou	thbound														
L	28		178		0.68		.34	53.5	D						
ΠD	37	13	171	2.0	1 20	Δ Δ	22	240 0	ים ו	190	1	r ·			

Intersection Delay = 81.8 (sec/veh) Intersection LOS = F

240.0 F

189.4 F

1.39 0.22

Inter.: NYS ROUTE 118 & ROUTE 202/35 Analyst: RGD

Area Type: All other areas Agency: JCE Jurisd:

2/15/2011 Date:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD16

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 118

			SIGNALIZE	D INTERSE	CTION S	UMMAR	ξΥ				
	l Eas	tbound	West	oound	Nort	hboun	ıd l	Sou	thbou	ind	1
	, L	T F	•	r R	•			L	Т	R	1
No. Lar	nes	1 1		1 1	·¦ <u>1</u>	$-\frac{1}{1}$	- i	$\frac{1}{1}$	1	0	i
LGConf:	•	T	RIL	T R	, L	T	•	L	TR	ŭ	i
Volume	317	407 22		45 178	•		39 2		435	98	i
Lane W:	•	11.0 11	•		111.0 1				12.0	,	!
RTOR V	•	27		0	1 44.0 4			2.0	12.0	20	1
KIOK VO					·		,				1
Duratio	on 0.25	Ar	rea Type: Al Signa	ll other al Operat							
Phase (Combination	n 1	2 3	4		5	6	<u>_</u>	{	3	
EB Lei	ft	A	A	NB	Left	Α	Α				
The	ru	Α		1	Thru	A					
Ric	ght	A		1	Right	Α					
Ped	-			1	Peds						
WB Let	ft	A	A	SB	Left	Α	Α				
Th	ru	A		i	Thru	Α					
Ric	ght	A	A	İ	Right	Α					
Ped				i	Peds						
	ght		A	i EB	Right		A				
	ght			WB	Right	Α	A				
Green	,	55.0 1	LO.0	,	,	25.0	10.0				
Yellow			1.0			4.0	4.0				
All Red			L.O			1.0	1.0				
						T. O	1.0				
		1.0						th:	120.	0	secs
	-			erformanc	e Summa	Сус]	le Leng	th:	120.	0	secs
Appr/		Inte	ersection P			Cycl	le Leng			0	secs
Appr/ Lane	Lane	Inte	ersection P		e Summa Lane G	Cycl	le Leng			0	secs
Lane	Lane Group	Inte Adj S Flow F	ersection P Sat Rat Rate	ios 	Lane G	Cycl ry Group	le Leng Appr	oach		0	secs
Lane Grp	Lane Group Capacity	Inte	ersection P Sat Rat Rate			Cycl ry Group	le Leng	oach		0	secs
Lane Grp Eastbox	Lane Group Capacity und	Inte Adj S Flow F (s)	ersection P Sat Rat Rate v/c	ios g/C	Lane G ————— Delay	Cycl ry Group LOS	le Leng Appr	oach		0	secs
Lane Grp Eastbox	Lane Group Capacity und 638	Inte Adj S Flow F (s) 	ersection Patante Rate v/c	ios g/C 	Lane G Delay 20.5	CyclaryGroup LOS	Appr Delay	oach LOS		0	secs
Lane Grp Eastboo	Lane Group Capacity und 638 840	Inte Adj S Flow F (s) 1678 1801	ersection Posat Rate v/c 0.54 0.53	ios g/C 0.59 0.47	Lane G Delay 20.5 23.2	Cyclary Group LOS C	le Leng Appr	oach		0	secs
Lane Grp Eastbox L T	Lane Group Capacity und 638 840 888	Inte Adj S Flow F (s) 	ersection Patante Rate v/c	ios g/C 	Lane G Delay 20.5	CyclaryGroup LOS	Appr Delay	oach LOS		0	secs
Lane Grp Eastbox L T R Westbox	Lane Group Capacity und 638 840 888 und	Inte Adj S Flow F (s) 1678 1801 1501	ersection Page Rate V/c 0.54 0.53 0.24	ios 	Lane G Delay 20.5 23.2 11.8	Cyclary Group LOS C C B	Appr Delay	oach LOS		0	secs
Lane Grp Eastbook L T R Westbook	Lane Group Capacity und 638 840 888 und 512	Inte Adj S Flow F (s) 	ersection Pasat Rate V/c 0.54 0.53 0.24 0.08	0.59 0.47 0.59	Lane G Delay 20.5 23.2 11.8	Cyclary Froup LOS C C B	Appr Delay	LOS		0	secs
Lane Grp Eastbook L T R Westbook L T	Lane Group Capacity und 638 840 888 und 512 869	Inte Adj S Flow F (s) 1678 1801 1501 1711 1863	ersection Page Rate V/c 0.54 0.53 0.24 0.08 0.31	0.59 0.47 0.59 0.47 0.59	Lane G Delay 20.5 23.2 11.8 19.0 20.1	Cyclary Group LOS C C B	Appr Delay	oach LOS		0	secs
Lane Grp Eastbook L T R Westbook L T	Lane Group Capacity und 638 840 888 und 512 869 1478	Inte Adj S Flow F (s) 	ersection Pasat Rate V/c 0.54 0.53 0.24 0.08	0.59 0.47 0.59	Lane G Delay 20.5 23.2 11.8	Cyclary Froup LOS C C B	Appr Delay	LOS		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook	Lane Group Capacity und 638 840 888 und 512 869 1478 ound	Interval	0.54 0.53 0.24 0.08 0.31 0.13	0.59 0.47 0.59 0.47 1.00	20.5 23.2 11.8 19.0 20.1 0.0+	Cyclary Group LOS C C B B	Appr Delay	LOS		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook	Lane Group Capacity und 638 840 888 und 512 869 1478 ound 271	Interval	0.54 0.53 0.24 0.08 0.31 0.13	0.59 0.47 0.59 0.47 1.00	Delay 20.5 23.2 11.8 19.0 20.1 0.0+ 58.2	CyclaryGroup LOS C C B B C A	Appr Delay 19.8	LOS B		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook L T	Lane Group Capacity und 638 840 888 und 512 869 1478 ound 271 385	Interaction Adj S Flow F (s) 1678 1801 1501 1711 1863 1478 1686 1775	0.54 0.53 0.24 0.08 0.31 0.13	0.59 0.47 0.59 0.47 1.00 0.34 0.22	Lane G Delay 20.5 23.2 11.8 19.0 20.1 0.0+ 58.2 44.8	Cyclary	Appr Delay	LOS		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook L T	Lane Group Capacity und 638 840 888 und 512 869 1478 ound 271 385 525	Interval	0.54 0.53 0.24 0.08 0.31 0.13	0.59 0.47 0.59 0.47 1.00	Delay 20.5 23.2 11.8 19.0 20.1 0.0+ 58.2	CyclaryGroup LOS C C B B C A	Appr Delay 19.8	LOS B		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook L T R Southbook	Lane Group Capacity und 638 840 888 und 512 869 1478 ound 271 385 525 ound	Inte Adj S Flow F (s) 1678 1801 1501 1711 1863 1478 1686 1775 1538	0.54 0.53 0.24 0.08 0.31 0.13 0.74 0.60 0.08	0.59 0.47 0.59 0.47 1.00 0.34 0.22 0.34	Lane G Delay 20.5 23.2 11.8 19.0 20.1 0.0+ 58.2 44.8 26.8	Cyclary Group LOS C C B B C A E	Appr Delay 19.8	LOS B		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook L T R Southbook L	Lane Group Capacity und 638 840 888 und 512 869 1478 ound 271 385 525 ound 379	Inte Adj S Flow F (s) 1678 1801 1501 1711 1863 1478 1686 1775 1538	0.54 0.53 0.24 0.08 0.31 0.13 0.74 0.60 0.08	0.59 0.47 0.59 0.47 1.00 0.34 0.22 0.34	Lane G Delay 20.5 23.2 11.8 19.0 20.1 0.0+ 58.2 44.8 26.8 44.3	CyclaryGroup LOS C C B B C A E D C	Appr Delay 19.8 12.3	D B		0	secs
Lane Grp Eastbook L T R Westbook L T R Northbook L T R Southbook	Lane Group Capacity und 638 840 888 und 512 869 1478 ound 271 385 525 ound	Inte Adj S Flow F (s) 1678 1801 1501 1711 1863 1478 1686 1775 1538	0.54 0.53 0.24 0.08 0.31 0.13 0.74 0.60 0.08	0.59 0.47 0.59 0.47 1.00 0.34 0.22 0.34	Lane G Delay 20.5 23.2 11.8 19.0 20.1 0.0+ 58.2 44.8 26.8	CyclaryGroup LOS C C B B C A E D C	Appr Delay 19.8	D B		0	secs

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD16

_	St: ROU			,			N/S	S St: N	YS RO	OUTE 1	18			
				SI	GNALI	ZED II	NTERSE	ECTION	SUMMA	ARY				
		Eas	stbour	nd	We	stbou	nd	Nor	thbou	ınd	So	uthbo	und	
		L	Т	R	L	Т	R	L	T	R	L	Т	R	İ
No. I	Lanes	i 1	<u>_</u>	1	i <u>-</u>	<u>_</u>		-i <u>-</u> -	$\frac{1}{1}$		1 1	1	0	i
LGCon	nfig	L	${f T}$	R	L	${f T}$	R	L	T	R	L	TR		İ
Volum		304	332	216	268	456	42	321	477	43	163	267	219	Ì
Lane	Width	111.0	11.0			12.0	10.0	111.0	11.0	11.0	12.0	12.0		İ
RTOR	Vol	1		24	†		0	1		0	1		2	-
 Durat	ion	0.25		Area S	Type:	A11 0	other	areas					,,	
					Si	gnal (Operat	cions						
Phase	e Combi	nation	n 1	2	3	4	1		5	6	7		8	
EB I	Left		Α	Α			NB	Left	Α	Α				
T	[hru		Α				1	Thru	Α					
P	Right		Α				1	Right	Α					
F	?eds						1	Peds						
WB I	Left		Α	Α			SB	Left	Α	Α				
	Thru		Α				1	Thru	Α					
	Right		Α	Α			1	Right	A					
	Peds						1	Peds						
NB R	Right			Α			EB	Right		Α				
SB R	Right						WB	Right	Α	Α				
Green			55.0	10.0					25.0					
Yello	W		4.0	4.0					4.0	4.0				
All R	≀ed		1.0	1.0					1.0	1.0				
									Сус	cle Le	ngth:	120.	0	secs
			Ir	nterse	ction	Perf	ormano	ce Summ	ary					
Appr/			-	Sat	R	atios		Lane	Group	qA q	proac	h		
Lane	Gro	up	Flow	v Rate										
Grp	Cap	acity		(s)	v/c	g.	/c	Delay	LOS	Del	ay LO	S		
Facth	ound													

		Intersec	ction P	erforman	ice Summa	ıry		
Appr/	Lane	Adj Sat	Rat	ios	Lane G	roup	Appro	oach
Lane	Group	Flow Rate						
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS
Eastbo	und							
L	467	1678	0.70	0.59	36.5	D		
${f T}$	840	1801	0.43	0.47	21.6	С	24.8	С
R	888	1501	0.23	0.59	11.7	В		
Westbou	und							
L	577	1711	0.50	0.59	22.5	С		
${f T}$	869	1863	0.56	0.47	24.0	С	22.2	C
R	1478	1478	0.03	1.00	0.0+	A		
Northbo	ound							
L	271	1686	1.26	0.34	193.1	F		
T	385	1775	1.32	0.22	206.9	F	192.4	F
R	525	1538	0.09	0.34	26.9	С		
Southbo	ound							
L	286	1787	0.62	0.34	51.1	D		
TR	373	1721	1.41	0.22	246.9	F	197.6	F

Intersection Delay = 106.1 (sec/veh) Intersection LOS = F

Agency: JCE Area Type: All other areas

Date: 02/04/2010 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD16

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1787

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Project II E/W St: RO			16			N/C	S St: N	YS RO	ነበጥድ 1	1.8			
17 W 00 1 10	JOIN 20	2,33								10			
							ECTION						
	•	stbour			stbou:			thbou			uthbo		
	L	T	R	L 	T	Ŕ	L 	T	R	l L	Т	R	l I
No. Lanes	1	1	1	i 1	1	1	- i	1		i	1	0	i
LGConfig	L	T	R	L	Т	R	L	Т	R	L	TR		ĺ
Volume	353	345	301	63	385	201	316	377	78	167	244	226	
Lane Width	1 11.0	11.0	11.0	11.0	12.0	10.0	11.0	11.0	11.0	12.0	12.0		1
RTOR Vol	I		49			0	1		0	1		14	l
Duration	0.25		Area 5				areas						
					_	Operat	cions						
Phase Comb	oinatio:		2	3	4			5	6	7		8	
EB Left		A	A			NB	Left	A	A				
Thru		A A				l I	Thru	A					
Right Peds		А				1	Right Peds	. А					
WB Left		A	А			l I SB	Left	А	А				
Thru		A	n			1 25	Thru	A	А				
Right		A	A			i	Right						
Peds						i	Peds						
NB Right			A			EB	Right		А				
SB Right						WB	Right		A				
Green		55.0	10.0				•	25.0	10.	0			
Yellow		4.0	4.0					4.0	4.0				
All Red		1.0	1.0					1.0	1.0				
		_					_	_	cle Le	ngth:	120.	0 s	secs
7							ce Summ						
* ~	ne.	_	Sat	Rá	atios		Lane	Group	o Ap	proac	n		
	oup pacity		v Rate	v/c		/ c	Delay		- 	ay LO	_		
Grp Ca	pacity		(s)	V/C	y.	<i>/</i> C	neray	гол	Der	ау по	S.		
Eastbound		,											
	20	167		0.74		.59	35.1	D					
	40	180		0.45		.47	21.9	C	24.	3 C			
	88	150)1	0.33	L O	.59	12.4	В					
Westbound	63	171		0 10		EO	17 0	Б					
	63 69	171		0.12		.59	17.2	В	1 5	0 в			
	478	186 147		0.48		.47 .00	22.4 0.0+	C A	15.	o B			
Northbound		14	. 0	0.13	, T	.00	0.0+	A					
	71	168	36	1.24	1 0	.34	185.8	F					
	85	177		1.04		.22	104.1		129	.8 F			
	25	153		0.16		.34	27.6	C		- -			
Southbound					•								

Intersection Delay = 87.6 (sec/veh) Intersection LOS = F

53.5 D

254.3 F

200.6 F

0.68 0.34

1.43 0.22

Area Type: All other areas Agency: JCE

Date: 02/15/2011 Jurisd:

Period: AM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646AMNB16 - WITH IMPROVEMENTS

TR

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1804

	gect ID St: RO			9 – MT.	I'H IME	PROVEM		St: N	NYS RO	UTE 1	18			
				S T #	≏NI∆ T.T7	rin tw	ਅਦਰਵਜ਼	CTION	SHMMIS	PY				
****	·	l Ea	stbour			tboun			thbou		 I Sc	outhbo	und	
		l L	T	R	, L	T	R	L	т Т	R	, L	Т	R	i
		i			İ			İ						ĺ
No.	Lanes		1	1	1	1	1	1	1	1	1	1	0	
LGC	onfig	L	T	R	L	T	R	L	${f T}$	R	L	TR		1
	ume	317	406		39		178	1181	212		219		97	
	e Width	11.0	11.0		11.0			111.0	11.0		12.0	12.0		- 1
RTO	R Vol	I		26]		0	1		0	l		21	l
Dur	ation	0.25		Area '										
						nal O		ions						
	se Comb	inatio		2	3	4	•		5	6	7	7	8	
EB	Left		A	Α			NB	Left	A	Α				
	Thru		A.					Thru	A					
	Right		A				1	Right	: A					
E E E	Peds		70	7.				Peds	70	70				
WB	Left		A	A			SB	Left	A	A				
	Thru		A	70			1	Thru	- A					
	Right		A	A			1	Right Peds	: A					
מוג	Peds			7\			1 65		_	7\				
NB SB	Right Right			A			EB WB	Right Right		A A				
Gre	=		41.0	8.0			1 WD	Kigiit	41.0		n			
	low		4.0	4.0					4.0	4.0	•			
	Red		1.0	1.0					1.0	1.0				
1777	nea		1.0	1.0						le Le	ngth:	120.	0	secs
				nterse										
App			_	j Sat	Ra	tios		Lane	Group) Ap	proac	ch		
Lan		oup		v Rate										
Grp	Cap	pacity		(s)	v/c	g/	С	Delay	LOS	Del	ay LO)S		
Eas	tbound										~			
Γ		58	167		0.74		46	40.3	D					
\mathbf{T}		30	180		0.70		35	37.0	D	34.	4 (2		
R		L3	150)1	0.30	0.	47	19.5	В					
	tbound													
L	34		171		0.12		46	32.7	C					
T		52	186		0.40		35	29.9	С	18.	6 I	3		
R		178	147	78	0.13	3 1.	00	0.0+	A					
	thbound							50 6	_					
L	28		168		0.69		47	52.6	D	2.0				
T	62		177		0.37		35	29.5	C	38.	∠ I)		
R	7(+ h h a d	15	153	38	0.06	ο υ.	46	18.1	В					
	thbound	: 7	170	77	0 40	. ^	47	26 5	~					
L	55		178		0.43		47	26.5	Ç	40) r	,		

Intersection Delay = 34.7 (sec/veh) Intersection LOS = C

50.4 D 43.2 D

0.88 0.35

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646PMNB16 - WITH IMPROVEMENTS

	Project ID: 1646PMNB16 - WITH IMPROVEMENTS E/W St: ROUTE 202/35 N/S St: NYS ROUTE 118												
,		-,	C T	CNINTTI	מער די		CTION						
		stbour			stbou:			thbou		I SOI	ıthboı	und	
	L	T	R	L	T	R	L	Т	R	, 500 L	T	R	i
	1	*	11	 	*	1	1	-	11	, <u>-</u>	-		i
No. Lane	es	 1	 1	¦			ˈ <u>-</u>	<u>_</u>		$ \frac{1}{1} -$	<u>-</u>		¦
LGConfi	•	T	R	L	T	Ř	L	Ť	R	I.	TR	J	i
Volume	299	320		268	444	42	1306	477		1163	267	214	i
Lane Wid	•						111.0			12.0			i
RTOR Vol			145	1		0	1	22.0	23	, v 		25	ì
										' 			'
Duration	n 0.25		Area			other Operat							
Phase C	ombination		2	$\frac{1}{3}$	gnar '	Operat	.±0112	<u>-</u>	<u>-</u>	- 7		 8	
EB Left		A	A	3	7.	 NB	Left	Ā	A.	,	'	U	
Thru		A	Α.			ן מאז	Thru	A	A				
Righ		A				i	Right						
Peds		A				i	Peds	- 11					
WB Left	-	A	A			l SB	Left	A	A				
Thru		A	43			1	Thru	A	2.1				
Righ		A	A			ì	Right						
Peds		**	11			i	Peds	- 11					
NB Righ			A			, EB	Right	-	A				
SB Righ						WB	Right		A				
Green		32.0	16.0			,2		37.0		0			
Yellow		4.0	4.0					4.0	4.0				
All Red		1.0	1.0					1.0	1.0				
								Сус	cle Le	ngth:	120.	0	secs
				ction	Perf	ormanc	e Summ	nary					
Appr/	Lane	_	j Sat	Ra	atios		Lane	Group) Ap	proacl	מ		
Lane	Group		v Rate							~			
Grp	Capacity	1	(s)	v/c	g	/C	Delay	LOS	Del	ay LOS	3		
Eastbour	 nd												
L	354	167	78	0.93	1 0	.45	72.8	E					
Т	495	180)1	0.69	9 0	.28	43.2	D	54.	3 D			
R	663	150)1	0.0	9 0	.44	19.6	В					
Westbour	nd												
L	436	171	L1	0.6		.45	42.1	D					
T	512	186	53	0.93		.28	66.4	E	54.	1 D			
R	1478	147	78	0.03	3 1	.00	0.0+	Α					
Northbou													
L	359	168		0.9		.48	71.5	E					
Т	562	177		0.90		.32	57.0	\mathbf{E}	61.	5 E			
R	756	153	38	0.03	3 0	.49	15.7	В					
Southbou													
L	372	178		0.48		.48	41.7	D					
TR	548	173	31	0.90) 0	.32	57.6	E	53.	4 D			

Intersection Delay = 56.1 (sec/veh) Intersection LOS = E

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 NO-BUILD TRAFFIC VOLUMES

Project ID: 1646SATNB16 - WITH IMPROVEMENTS

E/W St: ROUTE 202/35 N/S St: NYS ROUTE 118

E/W St: ROUTE 202/35								N/S	St: N	IYS RO	OUTE 1	18				
						~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		OFF ON	O 1 1 2 4 2 4 2	17312					
									CTION				~~~~	thboi		
		1		stbour		-	stbou:		L	thbou T	R R	L	sou	T	una R	l I
		! 	L 	T	R	L 	T 	R 	. İ							
No.	Lane	s l	1	1	1	1	1	1	1	1	1		1	1	0	1
LGC	onfig		L	${f T}$	R	L	${f T}$	R	L	${f T}$	R	} L		Τ̈́R		I
Vol			346	326	278	163	365	201	293	377		1167		244	218	I
Lan	e Wid	lth	11.0	11.0		111.0	12.0	10.0	11.0	11.0		12.	. 0	12.0		l
RTO	R Vol	- I			189	1		0			50				26	l
Dur	ation	<u>, (</u>	0.25		Area			other Operat								
Dh a		mbina				3	4			<u>-</u>	6		<del>-</del> 7-		8	
EB	Left		L L L O	A	A	5	-14	NB	Left	Ä	A		·		•	
םניו	Thru			A	4-1			1	Thru	A	••					
	Righ			A				i	Right							
	Peds			2.1				i	Peds							
WB	Left			A	A			i SB	Left	Α	A					
<b>,,</b>	Thru			A	••			1	Thru	A						
	Righ			A	Α			1	Right							
	Peds				••			i	Peds							
NB	Righ				А			,   EB	Right	t.	A					
SB	Righ							WB	Right		Α					
Gre	-	• •		43.0	10.0				J	34.0		0				
Yel				4.0	4.0					4.0	4.0					
	Red			1.0	1.0					1.0	1.0					
										_	cle Le		h;	120.	0	secs
									e Sumr							
App		Lane			j Sat		atios		Lane	Grou	p Ap	pro	ach			
Lan		Group			w Rate	~~		<del></del>			- =					
Grp		Capa	city		(s)	v/c	g	/C	Delay	y LOS	Del	ау :	LOS			
Eas	tbour			···												,
L		416		16		0.90		.49	63.2	E	4.0	_	_			
T		660		180		0.5		.37	30.8	C	43.	1	D			
R	_	776		150	01	0.13	3 0	.52	15.1	В						
	tbour						- ^	4.0	05 5	~						
L		456		17		0.1		.49	25.7	C	0.1	1	~			
T		683	_	180		0.58		.37	31.8	C	21.	i.	С			
R		1478	<b>5</b>	147	/ <del>8</del>	0.1	5 1	.00	0.0+	A						
	thbou				0.0	1 0	^	4.4	00.7	113						
L		313		168		1.00		.44	98.7	F	67	2	E			
T		518		17		0.7		.29	46.1	D	67.	۷	ഥ			
R	<u>. 1. 1</u>	641		153	38	0.0	5 0	.42	20.9	С						
	thbou			a 1	0.77	Λ Γ	0 0	A A	40 0	T)						
${f L}$		389		178	<i>ا</i> ق	0.5	υ υ	. 44	40.2	D						

Intersection Delay = 51.2 (sec/veh) Intersection LOS = D

84.6 F

1.01 0.29

ΤŔ

503

1723

72.3 E

Inter.: NYS ROUTE 118 & ROUTE 202/35 Analyst: RGD

Area Type: All other areas Agency: JCE

Date: 02/15/2011 Jurisd:

Year : 2013 BUILD TRAFFIC VOLUMES Period: AM PEAK HOUR

Project ID: 1646AMBD16 - WITH IMPROVEMENTS

			16462 E 202		5 - WI	TH IM	PROVE		S St: N	NYS RO	OUTE 1	18			
					Q T	CMATT	יד רושק	សាយាធាបទផ	CTION	Q I I MM I	∆ D∜				
			Eas	stbour			stbou			thbo		I Soi	ıthbo	und	I
		,	L L	T	R	L	T	R	, 1.02	T	R	L	T	R	i
		Ī				İ			. İ			I			1
No.	Lan	es	1	1	1	1	1	1	1 1	1	1	1	1	0	
	onfi		${f L}$	${f T}$	R	L	T	R	L	${f T}$	R	L	TR		
Vol			317	407		39	245	178	184	212		219	435	98	
	e Wi		11.0	11.0		11.0	12.0		11.0	11.0		12.0	12.0	0.1	
RTO.	R Vo	Τ Ι			26	l		0	I		0	ļ		21	
Dur	atio	n	0.25		Area				areas						
							-	Operat	ions						
			ation		2	3	4	'	T - C+	5	6	7	i	8	
EB	Lef Thr			A A	A			NB	Left Thru	A A	A				
	Rigl			A				l I	Right						
	Ped			Λ				i I	Peds	LA					
WB	Lef:			Α	Α			l SB	Left	A	A				
2	Thr			A	••			~-	Thru						
	Rigl			A	A			i	Right						
	Ped							i	Peds						
NB	Rig	ht			A			EB	Right	t.	A				
SB	Righ	ht						WB	Right	t A	A				
Gre	en			41.0	8.0					41.		0			
Yel.	low			4.0	4.0					4.0	4.0				
All	Red			1.0	1.0					1.0	1.0		100	^	
				Τ×	ntarea	ction	Darf.	ormano	ce Sumr	-	cle Le	ngth:	120.	U	secs
App	r/	Lane			Sat		atios				p Ap	proac	 h		
Lane		Grou		_	, Bat v Rate		20100		20110	0200,			•		
Grp			city		(s)	v/c	aa	<del>7c</del>	Dela	y LOS	Del	ay LO	S S		
										· 					
	tbour		i	1.65	7.0	0.7	4 0	1.0	40 F	ъ.					
L		467 630		167		0.74		.46 .35	40.5 37.1	D D	34.	5 C			
T R		713		180 150		0.70		.35	19.5	B	34.	) (			
	tbour		,	150	<i>)</i>	0.50	, ,	. 4 /	17.5	LJ.					
L	cocai	342	!	171	1	0.12	2 0	.46	32.8	С					
T		652		186		0.43		.35	30.0	C	18.	7 в			
R		147		147		0.13		.00	0.0+	А					
	thboi														
L		286	i	168	36	0.70	0 0	.47	53.3	D					
Т		621		177		0.3		.35	29.5	С	38.	6 D			
R		705	l	153	38	0.0	б 0	.46	18.1	В					
	thboı								_						
L		557		178		0.43		.47	26.5	C	4 -				
TR		631		180	13	0.88	3 O	.35	50.6	D	43.	4 D			

Intersection Delay = 34.9 (sec/veh) Intersection LOS = C

Agency: JCE Area Type: All other areas

Date: 02/04/2011 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD16 - WITH IMPROVEMENTS

548

ΤR

	St: ROU			o – M.T.	TH IM	PROVE		S St: N	IYS RO	OUTE 1	18			
				ST	GNALT	ZED TI	NTERSE	CTION	SUMMA	ARY				
		Ea:	stbour			stbou			thbou		So	uthbo	und	
		L	$\mathbf{T}$	R	L	Т	R	L	Т	R	L	Т	R	i
		l			1			_			l			1
	Lanes	1	1	1	1	1	1	1	1	1	1.	1	0	1
	onfig	L	${f T}$	R	L	Т	R	L	${f T}$	R	L	TR		1
	ume	304	332		1268	456			477		163		219	1
	e Width	11.0	11.0		11.0	12.0		11.0	11.0		12.0	12.0		
RTO	R Vol	I		145	1		0	I		23	•		25	ı
Dur	ation	0.25		Area				areas			***********			
							Operat	ions		<u>-</u>			8	
ena EB	se Combi	natio		2	3	4	•	T ~ € +-	5				B	
ББ	Left Thru		A A	A			NB	Left Thru	A A	A				
	Right		A				l I	Right						
	Peds		А					Peds	. 17					
WB	Left		Α	A			, I SB	Left	A	A				
	Thru		A				22	Thru						
	Right		A	A			i	Right						
	Peds						i	Peds						
NB	Right			А			EB	Right	:	A				
SB	Right						WB	Right		A				
Gre	en		32.0	16.0					37.0	15.	0			
Yel	low		4.0	4.0					4.0	4.0				
All	Red		1.0	1.0					1.0	1.0				
			_			<b>.</b>		~		cle Le	ngth:	120.	0	secs
7								ce Summ						
App Lan			_	j Sat w Rate		atios		Lane	Group	o Ap	proac	n		
		up acity		w Rate (s)	v/c		7 <u>c</u>	Dolay	, T.OS	Del	av T.C	<u></u>		
GIP	Cap	acicy		(3)	V/ C	9.	, С	Deray	, 1100	DGT	ау до	,5		
Eas	tbound													
L	35	4	16	78	0.92	2 0	.45	75.8	E					
$\mathbf{T}$	49		180		0.73		.28	44.4	D	55.	5 E			
R	66	3	150	01	0.1	1 0	. 44	19.8	В					
	tbound													
$\mathbf{L}$	42		171		0.68		.45	43.5	D		_			
T	51		180		0.9		.28	71.9	E	58.	0 E	;		
R		78	14	/8	0.03	3 1	.00	0.0+	A					
	thbound	4	1.00	3.6	0 0		4.0	0.4.4	-					
L T	35 56		168		0.9		.48 .32	84.4	F	66.	8 E	i		
	56 75		171 150		0.90		.32 .49	57.0 15.7	E B	00.	o E	,		
R	thbound	U	10,	טע	0.0	ں ر	. 4.2	10./	Б					
L	37	2	178	3.7	0.48	R 0	.48	41.7	D					
т-	<i>31</i>	_	1/0	. <i>,</i>	0.40		. 40	/			_			

Intersection Delay = 59.1 (sec/veh) Intersection LOS = E

1729 0.91 0.32 59.4 E 54.8 D

Inter.: NYS ROUTE 118 & ROUTE 202/35 Analyst: RGD

Agency: JCE Area Type: All other areas

Date: 2/13/2011 Jurisd:

Year : 2013 BUILD TRAFFIC VOLUMES Period: SATURDAY PEAK HOUR

Project ID: 1646SATBD16 - WITH IMPROVEMENTS

E/W	St: RC	OUTE 20	2/35				N/S	St: N	YS RC	UTE 11	.8			
				SI	GNALIZ	ED I	NTERSE	CTION	SUMMA	RY				
	~	Ea	stbou	nd	Wes	tbour	nd	Nor	thbou	ınd	Sou	ıthboı	und	1
		L	Т	R	L 	T	R	L	Т	R	L	Т	R	1
No.	Lanes	i	<u>_</u>	1	i			' 1		1	1	1	0	<u>'</u>
	onfig	L	T	R	L	T	R	L	T	R	L	TR		
Vol	-	353			63	385	201		377	78	167	244	226	
		111.0						12.0	11.0	11.0	12.0	12.0		
	R Vol	1		189	1		0	Ì		50			26	1
Dur	ation	0.25		Area '	Type:									
					<u>\$</u> 19		Operat I	.10115	<u>-</u>	6	<del>-</del> 7		<del></del> _	
		oinatio:		2 A	3	4	I I NB	Left	A	A	,		•	
EB	Left		A.	A			ОИЛ	Thru	A	Λ				
	Thru		A				I	Right						
	Right		A				1	Peds	. А					
5770	Peds		70	20.			l SB	Left	А	A				
WB	Left		A	A			da j			A				
	Thru		A	70.			1	Thru						
	Right		A	A			l I	Right Peds	: A					
ND	Peds			70			ן סים ו	Right		A				
	Right			A			EB   WB	Right		A				
SB	Right		43.0	10.0			כניאין	Kigiic	34.(		<b>)</b>			
Gre			4.0						4.0	4.0	,			
Yel				1.0					1.0	1.0				
ATT	Red		1.0	1.0						cle Le	nath:	120.	0 :	secs
			т.	nterse	ction	Perf	ormano	e Summ			- <b>3</b>			
App	r/ Tiá	ane			Ra					Ap _j	oroac	<u></u> h		
Lan		coup		w Rate				-	-		•			
Grp		apacity			v/c	a	<del>/c</del>	Delav	LOS	Del	av LO	 S		
	tbound	101		7.0	0.01		4.0	76.0	-					
L		101	16		0.96		.49	76.3	E	40	0 1			
${f T}$		660	18		0.57		.37	31.6	C	48.	8 D			
R		176	15	01	0.16	5 0	.52	15.4	В					
	tbound				0 15	- ^	4.0	06 7	~					
L		140	17		0.15		.49	26.7	C	2.2				
$\mathbf{T}$		583	18		0.61		.37		C	22.	0 C			
R		L478	14	78	0.15	) I	.00	0.0+	A					
	thboung		<b>4</b> =		1 0		4.4	104 0	·					
L		323	17		1.04		.44	104.0		7.0	c			
Т		518	17		0.77		.29	46.1	D	70.	5 E			
R		541	15	38	0.05	0	.42	20.9	С					
	thbound		<b>4</b> =				4.4	40.0	<b>~</b>					
$\mathbf{L}$		389	17		0.50		. 4 4	40.2	D		o <del>-</del>			
TR	Ç	502	17	20	1.03	<b>3</b> 0	.29	90.5	F	76.	8 E			

Intersection Delay = 54.6 (sec/veh) Intersection LOS = D

# <u>CAPACITY ANALYSIS</u> WITH OLD CROMPOND ROAD CLOSURE

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Jurisd:

Date: 5/3/2012 Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD6 - WITH OCR CLOSURE

E/W St: ROUTE 202/35 N/S St: STONY STREET/BJ'S

INTERSECTION	

İ	_	Eastbound			stbour	iu	1401	cthbou	IIIQ	50	uthboi	ına
}	L	T	R	L	${f T}$	R	L.	${f T}$	R	L	T	R
No. Lanes		~						~			7	
	- ⁺	Z	U	ļ <u> </u>	π_	Τ_				'		Τ
LGConfig	$\mathbf{L}$	TR		ь	${f T}$	R	<u> </u>	${f T}$	R	ļ	$_{ m LT}$	R
Volume 2	29	1271	171	90	490	20	86	8	191	111	71	113
Lane Width   1	12.0	12.0		12.0	14.0	12.0	12.0	12.0	12.0	1	12.0	11.0
RTOR Vol			12	ĺ		7	ĺ		20	ĺ		93

Dur	ation 0.2	25	Area T	 уре:	All of	her	areas					
				Sig	mal Op	perat	ions					
Pha	se Combinat:	ion 1	2	3	4			5	6	7	8	
EB	Left	Α	P			NB	Left	A				
	Thru		P				Thru	A				
	Right		P				Right	Α				
	Peds						Peds	X				
WB	Left	Α	P			SB	Left	Α				
	Thru		P				Thru	A				
	Right		P				Right	A				
	Peds						Peds	X				
NB	Right	Α				EB	Right					
SB	Right	Α				WB	Right					
Gre	-	10.0	40.0			•	Ū	15.0				
Yel	low	4.0	4.0					4.0				
All	Red	1.0	1.0					1.0				

Cycle Length: 80.0

						CAGI	e rend	cn:	80.0	secs
		Intersec	tion Pe	rforman	ce Summa	ary				
Appr/	Lane	Adj Sat	Rati	.os	Lane (	Group	Appr	oach		
Lane	Group	Flow Rate				_				
	_	(s)		a/C	Delay	LOS	Delay	LOS	<del></del>	
OLP	capacity	(5)	٧, ٥	9,0	Dolay	400	word,	100		
Eastbou	und									
L	553	1770	0.06	0.70	5.4	А				
TR	1757	3428	0.89	0.51	24.3		24.0	С		
						•		_		
Westbou	ınd									
L	336	1770	0.29	0.70	11.8	В				
T	987	1925	0.54	0.51	15.3	В	14.6	В		
R	811	1583	0.02	0.51	9.6	Α				
Northbo	ound									
L	172	860	0.56	0.20	31.3	C				
T	373	1863		0.20			22.0	С		
R	613	1583	0.31	0.39	17.2	В	22.0	_		
Southbo		1363	0.51	0.35	-1- / - 2-	ב				
Southbo	Juna									
$_{ m LT}$	304	1522	0.66	0.20	33.9	C	32.1	С		
R	583	1505	0.04					_		
		tion Delay					ction	T.O.G	<u> </u>	
	THCC. BCC	cron beray	- 22.2	(BCC) V	<i>-</i>	TCTDC	CLLOII			

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Date: 5/3/2012 Jurisd:

Period: AM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646AMBD6 - WITH NYSDOT IMPROVEMENTS - OCR CLOSURE E/W St: ROUTE 202/35 N/S St: STONY STREET/BJ'S

OTONIA TOUT	***********	CITTERS OF TOTAL
SIGNALIZED	INTERSECTION	SUMMARY

	Eas	stbou	nd	Wes	stbou	nd	No:	rthbo	und	So	uthbou	und
	L	$\mathbf{T}$	R	L	T	R	L	${f T}$	R	L	т	R
No. Lanes									-1			
	1 -	_	T	ļ <u>1</u>	4	U	ļ ±	Т	1	į v	Т.	Τ.
LGConfig	Li	${f T}$	R	L	TR		L	Т	R		$\mathbf{LT}$	R
Volume	29	1271	171	90	490	20	86	8	191	111	71	113
Lane Width	12.0	12.0	12.0	12.0	14.0		12.0	12.0	12.0		12.0	11.0
RTOR Vol	1		47			2	ĺ		20	Ì		93

Dur	ation 0.25		Area T	ype:	All 01	her	areas					
				Sig	nal O	perat	ions					
Pha	se Combination	1	2	3	4		<del></del>	5	6	7	8	
EB	Left	Α	P			NB	Left	A				
	Thru		P				Thru	A				
	Right		P				Right	A				
	Peds						Peds	X				
WB	Left	A	P			SB	Left	A				
	Thru		P				Thru	A				
	Right		P				Right	A				
	Peds						Peds	X				
NB	Right	Α				EB	Right					
SB	Right	Α				WB	Right					
Gre	en	4.9	42.3				·	12.5				
Yel	low	4.0	4.0					4.0				
All	Ređ	1.0	10					1.0				

Cycle Length: 74.7 secs

						_	e Leng	th: 74	. 7	secs
		Intersec	ction Pe	erforman	ce Summa	ry				
Appr/	Lane	Adj Sat	Rati	os	Lane 0	roup	Appro	oach		
Lane	Group	Flow Rate								
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS		
Eastbo	und				~~ · · · · · · · · · · · · · · · · · ·					
L	598	1770	0.05	0.71	3.4	A				
T	2016	3478	0.69	0.58	12.9	В	12.2	В		
R	900	1552	0.15	0.58	7.6	A				
Westbo	und								•	
L	267	1770	0.37	0.71	7.7	A				
TR	2128	3671	0.26	0.58	8.1	Α	8.0	A		
Northbo	ound									
L	152	840	0.63	0.18	34.6	C				
Т	337	1863	0.03	0.18	25.2	C	25.0	C		
R	496	1583	0.38	0.31	20.2	C				
Southbo	ound									
LT	275	1522	0.73	0.18	37.5	D	35.6	D		
R	476	1518	0.05	0.31	17.9	В				
	Intersec	tion Delay	= 14.5			terse	ction 1	LOS =	В	

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Date: 5/3/2012 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD6 - WITH NYSDOT IMPROVEMENTS - OCR CLOSURE E/W St: ROUTE 202/35 N/S St: STONY STREET/BJ'S

CTOMATEGED	TNIDDODOMTON	CITYBANAN TO TE
OTGNATITODD	INTERSECTION	SUMMARY

	Eas	stbou	nd	We:	stbou	nd	No:	rthbo	und	So	uthbo	und
	L	T	R	L	T	R	L	Т	R	L	Т	R
No. Lanes	1	2	1	1	2	0		<u>_</u>	<u>_</u>		1	
LGConfig	L	T	R	L	TR		L	Т	R	İ	LT	R
Volume	75	992	193	189	1102	84	226	55	267	182	123	162
Lane Width	12.0	12.0	12.0	12.0	14.0		12.0	12.0	12.0	Ì	12.0	11.0
RTOR Vol			67	Ì		4	j		23	İ		19

Dur	ation	0.25		Area T	ype:	All of	ther	areas				<del></del>	
						gnal Op							
Pha	se Combi	nation	1	2	3	4			- <u></u> -	б	7	8	
EB	Left		Α	P			NB	Left	Α	Α			
	Thru			P			İ	Thru	Α	Α			
	Right			P		•	İ	Right	A	A			
	Peds						İ	Peds		X			
WB	Left		Α	P			SB	Left		Α			
	Thru			P				Thru		A			
	Right			P				Right		A			
	Peds							Peds		X			
NB	Right		Α				EB	Right					
SB	Right		Α				WB	Right					
Gre	en	8	8.0	34.0			•	_	6.0	22.0			
Yel	low	4	4.0	4.0					4.0	4.0			
All	Red		1.0	1.0					1.0	1.0			

Cycle Length: 90.0 secs

		Intersed	ction Pe	rforman		_		011.	0.0	500	
Appr/	Lane	Adj Sat					Appr	oach	<del></del>		
Lane	Group	Flow Rate				_					
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS	- <b>-</b>		
Eastbou	nd		<del></del>								
L	260	1770	0.32	0.53	16.3	В					
T	1353	3478	0.81	0.39	19.3	В	19.1	В			
R	604	1552	0.23	0.39	19.3	В					
Westbou	nd										
${f L}$	272	1770	0.72	0.53	23.3	C					
TR	1422	3656	0.87	0.39	32.6	C	31.3	C			
Northbo	und										
L	269	1761	0.93	0.38	66.8	E					
T	704	1863	0.09	0.38	18.0	В	36.5	D			
R	827	1583	0.33	0.52	12.5	В					
Southbo	und										
LT	378	1471	0.90	0.26	54.9	D	43.1	D			
R	611	1527									
	Intersec	tion Delay	= 29.5	(sec/v	eh) Ir	iterse	ction	LOS =	C		

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Date: 5/3/2012 Jurisd:

Period: PM PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646PMBD6 - WITH OCR CLOSURE

E/W St: ROUTE 202/35 N/S St: STONY STREET/BJ'S

CTCMATTTTT	INTERSECTION	CITMMADV
ウェイバヤカエクロカ	THIERDECITON	TAMMING

	Eas	stbour	nd	Wes	stbou	nd	No:	rthbo	und	So	uthbo	und
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	1.		1		1			
LGConfig	L	TR		L	T	R	L	${f T}$	R	İ	$\mathbf{L}\mathbf{T}$	R
Volume	75	992	193	189	1102	84	226	55	267	182	123	161
Lane Width	12.0	12.0		12.0	14.0	12.0	12.0	12.0	12.0	İ	12.0	11.0
RTOR Vol	1		19	ĺ		30	1		42	Ì		37

Dur	ation	0.25		Area T	ype:	All o	ther	areas			<del></del>		
					Sig	gnal O	perat	ions					
Pha	se Comb	ination	1	2	3	4	Ì		5	6	7	8	
EB	Left		Α	P			NB	Left	Α				
	Thru			P			į ,	Thru	A				
	Right			P			İ	Right	A				
	Peds						ĺ	Peds	Х				
WB	Left		Α	P			SB	Left	A				
	Thru			P			İ	Thru	A				
	Right			P			İ	Right	A				
	Peds						ĺ	Peds	X				
NB	Right		A				EB	Right					
SB	Right		A				WB	Right					
Gre	en	-	10.0	45.0			•	•	20.0				
Yel	low	4	4.0	4.0					4.0				
All	Red		1.0	1.0					1.0				

Cycle Length: 90.0 secs

						-	_	cn: 90.0	secs
		Intersec	tion Pe	rforman	ce Summa	ry			
Appr/	Lane	Adj Sat	Rati	os	Lane G	roup	Appro	oach	
Lane	Group	Flow Rate				-			
	_	(s)		g/C	Delay	LOS	Delav	LOS	
<b>1</b> -		(/	., -	57 ~	1		1		
Eastbou	ind								
L	299	1770	0.27	0.68	17.4	В			
TR	1743	3410	0.73	0.51	20.0+	C	19.9	В	
Westbou	ınd								
L	323	1770	0.61	0.68	15.6	В			
T	984	1925	1.17	0.51	108.1	F	91.3	F	
R	809	1583	0.07	0.51	11.3	В			
Northbo	ound								
L	103	440	2.44	0.23	709.5	F			
T	435	1863	0.14	0.23	27.4	C	328.5	F	
R	633	1583	0.39	0.40	19.4	В			
Southbo	ound								
LT	343	1471	0.99	0.23	79.6	E	61.8	E	
R	604	1511	0.23	0.40	17.9	В			
	Intersec	tion Delay	= 97.0	(sec/ve	eh) In	terse	ction 1	LOS = F	

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Jurisd:

Date: 5/3/2012 Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD6 - WITH NYSDOT IMPROVEMENTS - OCR CLOSURE E/W St: ROUTE 202/35 N/S St: STONY STREET/BJ'S

			SIC	GNALI	ZED I	NTERSE	CTION	SUMMA	ARY				
	Eas	tbour	ıd	Wes	stbou	nd	Nor	thbou	ınd	So	uthbo	und	
	L	T	R	L	T	R	Ĺ	T	R	L	T	R	Ì
No. Lanes		2	1	1	2	0		1.	1	0	<u>1</u>	<u>1</u>	
LGConfig	L	${f T}$	R	L	TR		L	${f T}$	R		$\mathtt{LT}$	R	
Volume	75	1148	223	239	915	68	220	53	328	166	126	59	
Lane Width	12.0	12.0	12.0	12.0	14.0		12.0	12.0	12.0		12.0	11.	0
RTOR Vol			67			5			6			24	
 Duration	0.25		Area S	Type:	All	other	areas	·····					
				Sig	gnal (	Operat	ions						
Phase Combin	nation		2	3	4			5	6	. 7		8	
EB Left		Α	P			NB	Left	Α	A				
Thru			P				Thru	A	A				
Right			P				Right		A				
Peds							Peds	X	X				
WB Left		A	P			SB	Left		A				
Thru			P				Thru		A				
Right			. P				Right		A				
Peds							Peds		X				
NB Right		Α				EB	Right						
SB Right		Α				WB	Right						
Green		8.0	34.0					7.0	21.	0			
Yellow		4.0	4.0					4.0	4.0				
All Red		1.0	1.0					1.0 Cvc	1.0 cle Le	nath.	90 N		secs
		Ir	iterse	ction	Perf	ormano	e Summ	_			20.0		
Appr/ Lane			Sat		atios		Lane		αA c	proac	h		
Lane Grou	ıр	_	v Rate					-	. <u>.</u>	_			
Grp Capa	acity	(	(s)	v/c	9	/c	Delay	LOS	Del	ay LO	s ·		
Eastbound				<del></del>			·						
L 260	)	177	70	0.32	2 0	.53	14.7	В					
T 135	53	347	78	0.93	3 0	.39	34.3	С	30.	7 C			

Appr/ Lane		Adj Sat Flow Rate		os	Lane G	roup	Appr	roach	
	~	(s)		g/C	Delay	LOS	Delay	/ LOS	
Eastbou	ind				Here well were were some series				
L	260	1770	0.32	0.53	14.7	В			
Т	1353	3478	0.93	0.39	34.3	C	30.7	C	
R	604	1552	0.28	0.39	11.8	В			
Westbou	ınd								
${f L}$	260	1770	1.02	0.53	86.4	F			
TR	1422	3657	0.76	0.39	27.9	С	39.4	D	
Northbo	und								
L	285	1760	0.86	0.38	49.6	D			
T	704	1863	0.08	0.38	18.0	В	27.2	C	
R	827	1583	0.43	0.52	13.4	В			
Southbo	und								
LT	364	1488	0.89	0.24	54.9	D	50.9	D	
R	593	1526							
	Intersec	tion Delay					ction	LOS =	: C

Analyst: RGD Inter.: ROUTE 202/35 & STONY STREET

Agency: JCE Area Type: All other areas

Date: 5/3/2012 Jurisd:

Period: SATURDAY PEAK HOUR Year : 2013 BUILD TRAFFIC VOLUMES

Project ID: 1646SATBD6 - WITH OCR CLOSURE

E/W St: ROUTE 202/35 N/S St: STONY STREET/BJ'S

~~~\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	INTERSECTION	CHETRARATA IN SE

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes		2		1	<u>_</u>							
LGConfig	L	TR	Ŭ	L	T	R	L	T	R		LT	R
Volume	75	1148	223	239	915	68	220	53	328	166	126	59
Lane Width	12.0	12.0		12.0	14.0	12.0	12.0	12.0	12.0	İ	12.0	11.0
RTOR Vol	İ		20			27	İ		26	İ		47

Dur	ation	0.25		Area T	ype:	All	ot	her	areas					
		·			si	gnal	O	perat	ions					
Pha	se Combi	.nation	1	2	3	4	1			5	6	7	8	
EB	Left		Α	P				NB	Left	A				
	Thru			P					Thru	A				
	Right			P					Right	A				
	Peds								Peds	X	•			
WB	Left		Α	P				SB	Left	Α				
	Thru			P					Thru	Α				
	Right			P					Right	Α				
	Peds								Peds	Х				
NB	Right		A					EB	Right					
SB	Right		Α					WB	Right					
Gre	en	:	10.0	40.0				•	~	15.0				
Yel	low		4.0	4.0						4.0				
All	Red	:	1.0	1.0						1.0				

Cycle Length: 80.0 secs

		Intersec	tion Pe	rformanc	ce Summa	ry				
Appr/		Adj Sat	Rati	.os	Lane G	roup	Appro	oach		
Lane	_	Flow Rate			*****					
Grp	Capacity	(s)	v/c	g/C	Delay	LOS	Delay	LOS		
Eastbou	 ınd		T CTUTO TITLE THAT STORE MAKE ANGLE MAKE							
L	336	1770	0.24	0.70	14.9	В				
TR	1748	3410	0.85	0.51			21.8	C		
Westbou	ınd									•
L	336	1770	0.79	0.70	31.7	C				
Т	987	1925	1.03	0.51	56.2	E	49.7	D		
R	811	1583	0.06	0.51	9.9	Α				
Northbo	und									
L	92	460	2.65	0.20	805.7	F				
T	373	1863	0.16	0.20	26.5	C	320.4	F		
R	613	1583	0.55	0.39	19.7	В				
Southbo	und									
\mathtt{LT}	298	1488		0.20			105.8	F		
R	583			0.39						
	Intersec	tion Delay	= 88.0	(sec/ve	h) In	terse	ction 1	LOS =	F	

Appendix D

Levels of Service Standards

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

Level of Service (LOS) for signalized intersections is defined in terms of control delay, which is a measure of driver discomfort, frustration, fuel consumption, and increased travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Specifically, LOS criteria for traffic signals are stated in terms of the average control delay per vehicle, typically for a 15-minute analysis period. The criteria are given in Exhibit 16-2 from the 2000 Highway Capacity Manual published by the Transportation Research Board.

EXHIBIT 16-2

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

LEVEL OF SERVICE (LOS)	CONTROL DELAY PER VEHICLE (S/VEH)
A	≤10
В	>10-20
c	>20-35
D	>35-55
E	>55-80
F	>80

LEVEL OF SERVICE A describes operations with low control delay, up to 10 seconds per vehicle (s/veh). This LOS occurs when progression is extremely favorable and most vehicles arrive during the green phase. Many vehicles do not stop at all. Short cycle lengths may tend to contribute to low delay values.

LEVEL OF SERVICE B describes operations with control delay greater than 10 and up to 20 seconds per vehicle (s/veh). This level generally occurs with good progression, short cycle lengths, or both. More vehicles stop than with Level of Service "A", causing higher levels of delay.

LEVEL OF SERVICE C describes operations with control delay greater than 20 and up to 35 seconds per vehicle (s/veh). These higher delays may result from only fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant at this level, though many still pass through the intersection without stopping.

LEVEL OF SERVICE D describes operations with control delay greater than 35 and up to 55 seconds per vehicle (s/veh). At Level of Service D, the influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, and high v/c ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.

LEVEL OF SERVICE E describes operations with control delay greater than 55 and up to 80 seconds per vehicle (s/veh). This is considered to be the limit of acceptable delay. These high delay values generally indicate poor progression, long cycle lengths, and high v/c ratios. Individual cycle failures are frequent.

LEVEL OF SERVICE F describes operations with control delay in excess of 80 seconds per vehicle (s/veh). This level is considered unacceptable to most drivers, often occurs with oversaturation, that is, when arrival flow rates exceed the capacity of the groups. It may also occur at high v/c ratios with many individual cycle failures. Poor progression and long cycle lengths may also contribute significantly to high delay levels.

LEVEL OF SERVICE CRITERIA FOR UNSIGNALIZED INTERSECTIONS

The Level of Service (LOS) for unsignalized intersections is determined by the computed or measured control delay and is defined for each minor movement. Control delay is defined as the total elapsed time a vehicle stops at the end of the queue to the time the vehicle departs from the stop line. This total elapsed time includes the time required for the vehicle to travel from the last-in-queue position to the first-in-queue position, including deceleration of vehicles from free-flow speed to speed of vehicles in queue. Average control delay for any particular minor movement is a function of the capacity of the approach and the degree of saturation. The Level of Service Criteria are given in Exhibit 17-2 from the 2000 Highway Capacity Manual published by the Transportation Research Board.

EXHIBIT 17-2

LEVEL OF SERVICE FOR CRITERIA
FOR UNSIGNALIZED INTERSECTIONS

LEVEL OF SERVICE (LOS)	AVERAGE CONTROL DELAY (S/VEH)
A	0-10
B	>10-15
C	>15-25
D	>25-35
E	>35-50
F	>50

The Level of Service Criteria for unsignalized intersections are somewhat different from the criteria for signalized intersections.

Appendix E

Accident Data Summary



STATE OF NEW YORK

DEPARTMENT OF TRANSPORTATION REGION EIGHT

4 BURNETT BOULEVARD POUGHKEEPSIE, NEW YORK 12603

www.nvsdot.gov

WILLIAM J. GORTON, P.E. ACTING REGIONAL DIRECTOR

STANLEY GEE ACTING COMMISSIONER

August 9, 2010

Town of Yorktown Planning Board Alice E. Roker Town Clerk 363 Underhill Road Yorktown Heights, NY 10598

TOWN CLERK'S OFFICE

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TOWN OF YORKTOWN NY

Re:

PIN AW08.03.70K, SEQRA 10-0122, Costco Route 100, Town of Yorktown Westchester County

Dear Ms. Roker:

The New York State Department of Transportation consents to the Town of Yorktown serving as lead agency for the SEQRA review for this project.

The New York State Department of Transportation has a specific fee schedule and procedures for the processing of Highway Work Permits for Major Developments. Due to the size of the subject project, the following information/documentation must be submitted prior to the Department undertaking any additional or new review:

- 1. The applicant shall submit a HIGHWAY WORK PERMIT APPLICATION FOR NON-UTILITY WORK (PERM 33). It must be signed by the applicant and the name/address provided in the upper left hand corner. The remaining information will be completed at a later date.
- 2. The applicant shall submit a PERMIT AGREEMENT FOR HIGHWAY WORK PERMITS DESIGN REVIEW (PERM 51) must be completed by the applicant. The Application No. and PIN will be filled in by the Regional Traffic Engineering & Safety Group. The applicant should be aware that the \$2,000 fee referenced thereon shall be the minimum cost for the Department's review time and is non-refundable. Hereafter, all Department employees assigned the responsibility of reviewing any documents, plans, maps, etc., which are directly related to the subject proposal, shall charge their review time to this project. The applicant will then be billed periodically by the Department for the actual cost of our review and processing of the respective project. Such billings which exceed the minimum \$2,000 initial fee must be paid immediately upon receipt or the Highway Work Permit shall not be issued, or shall be revoked.
- 3. A check for \$2,000 made out to the New York State Department of Transportation.
- 7 sets of plans, 1 copy of drainage study/SWPPP on disc, 1 copy of Synchro analysis of affected intersections on disc, 1 4. copy of the Traffic Impact Study (TIS) on disc.
- 5, A Priority Investigation Location (PIL) has been identified near this development. It is on Rt 35/202 between reference marker 35 8701 2038 and 9 8701 2042. A Highway Safety Investigation (HSI) study and proposed mitigation is required for this PIL segment. Please contact Region 8 Safety Program for guidance

The aforementioned documents should be returned to the undersigned so that the project's review can be authorized.

Very truly yours

Terence J. Donoghue, P.E.

Regional Highway Work Permit Coordinator

cc: S. Sprague Permit Engineer, Res 8-8 Westchester County Planning Board DETAILS OF ACCIDENT HISTORY

				KEY#		1	2020	2040	2039	2038	2040	t		2041	2041	2041	2041	2041	2041	2041	, 000	2040	2038	2041	2042	1006	2041	2038	156	2041	250	2030	2042	2041		
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JTE 202/NYS ROUTE 35	STONY STREET TO STRANG BOULEVARD	N COUNTY: WESTCHESTER BY:		ACCIDENT DESCRIPTION	Qt		V1 Making Left Turn From Johnny's Deli Struck V2 Traveling Eastbound	V2 Rearended V1, Both Traveling Westbound	VI Traveling Westbound Struck Deer	V1 Stopped to Make Left Turn, V2 Rearended V1, V3 Rearended V2	V3 Rearended V2 Traveling Westbound, V2 Then Struck V1 Traveling Eastbound	V1 Making Left to WB Route 202, V2 Making Left to EB Route 202, venicles Collided		Secondary N. Deprended V. All Traveling Easthound	VZ Kearendeu VI, vo Kearendeu vz, vz Noaronou zona zona zona zona zona zona zona zona	V1 Making Left Turn to Monarisic Average Struck vz. Haveining Examples of Average Average.	V2 Italyelling Eastbound Struck By Ministry Both Traveling Westbound	VI Realerided Vz Stopping to Avoid Host, Communication Westbound	V1 Traveling EB on Route 35/202 Struck by V2 Making Left Turn to Mohansic Ave	V1 Stopped at Light Rearended by V2 Traveling Eastbound	V1 Stopped at Light Rearended by V2 Traveling Eastbound	V2 Rearended V1 Stopping for Tractor Backing into Road, Both Traveling VVB	V1 Backing up in Eastbound Right Turn Lane Backed Into V2	V2 Rearended V1 Stopped at Light, Both Haveling Lessmound	V2 Citatigning Laries Orden VII. Does Avenue Struck By V1 Traveling Eastbound	V1 Stopped at Light Westbound Rearended by V2 Traveiling Westbound	V1 Making Left Turn From Mobile Station Struck by V2 Traveling Eastbound	V2 Rearended V1	V1 Making Left Turn on Mohansic Avenue Struck V2 Traveling Eastbount	V1 Struck V2 Stopped in Traffic in Right Lane With Plow	V1 Traveling Eastbound Struck V2 Making Left From Montainsic Avenue	V2 Making Left Turn onto Mohansic Ave Blocked by Unlitholyted Verlice	V1 Making Left Turn from Mobil Station Struck V2 In Left Tillough Laile	V1 Traveling EB Struck by V2 Traveling WB Attempting to Make Left Turil	V1 Making Left Turn onto Mohansic Ave Collided With V2 Haveling EP OF NOWE 202	V2 Rearended V1 Stopped at Light, Both Travelling evestioning
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DETAILS OF ACCIDENT HISTORY

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DETAILS OF ACCIDENT HISTORY

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INJ - Injury FAT - Fatal Injuray PDO - Property Damage Only Rend - Rear End Ovrk - Overtake Rtn - Right Turn

Ltn - Left Tum Rang - Right Angle Side - Sideswipe HdOn - Head On Ovrt - Overturned FixO - Fixed Object

Othr - Other
Key # - Reference Marker Location
NB - Northbound
SB - Southbound
EB - Eastbound
WB - Westbound Skdg - Skidding Bike - Bicycle Park - Parked Vehicle Anml - Animal Back - Backing Ped - Pedestrian

LT - Left Tum TR - Right Turn L/L - Left Lane R/L - Right Lane C/L - Center Lane

Appendix F

Existing Public Transportation Services

Cash and Matro Card Fares, on this Route Cleans December 30, 2010

combines monthly round-trip local bus service with train fare, inclinates a valiable through any likero-North ticket office.

Accepted for one fare to / from increase station listed on the ticket.

A transfer may not be purchased when boarding with a Unilicket

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(1) Paper transfers will be accepted on all local routes except the same route initially boarded. Paper transfers must be obtained at time of boarding.

(2) Pay-Per-Ride MetroCards will be accepted on all Be-Line routes

(2) Pay-Per-Ride MetroCards will be accepted on all Be-Line routes except the same route initially boarded, NYC local buses and subways with no additional fare charged to the card within two hours of the initial boarding.

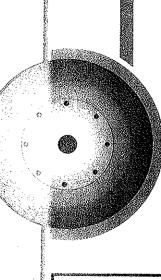
Pay-Per-Ride MetroCards require a minimum \$ 4.50 (round trip) purchase and may be obtained at numerous local merchants, New York City Subway Stations and Metro-North Railroad Stations. Purchases of \$ 10 or more earn a 7% bonus.

Purchases of \$ 10 or more earn a 7% bonus.

Senior/Disabled reduced fares are available to riders at least 65 years of age, certified disabled persons and valid Medicare card holders with proper identification. MetroCard Reduced Fares are only available to holders of personalized Reduced Fare MetroCards. For more information, call (718) 330-1234 or log on to the MTA website at www.mta.info/metrocard.

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- Cloton River Station
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Westchaster County Department of Transportation 100 E. 1st Street, Mt. Vernon, N.Y. 10550 Robert R. Astorino, Westchester County Executive

(914) 313-7777



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are listed here. For additional stops cell: (914) 813-7777 Only selected bus stops (time points)

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LIGHT TYPE AND SHADE - AM TIMES

DARK TYPE AND SHADE - PM TIMES

FORGET SOMETHING?

UNATTENDED ITEMS ARE SUBJECT TO IMMEDIATE DISPOSALI lo inquire about lost items, call (914) 376-6361. The Bee-Line is not responsible for your personal items or packages. Please remember to take all your personal items with you.

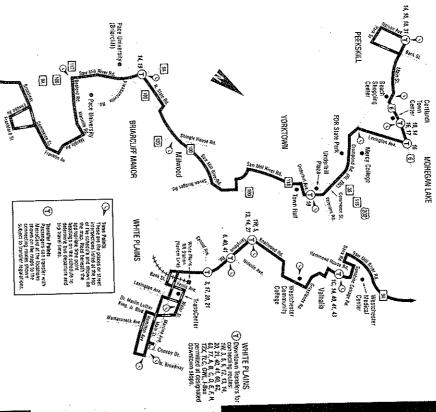


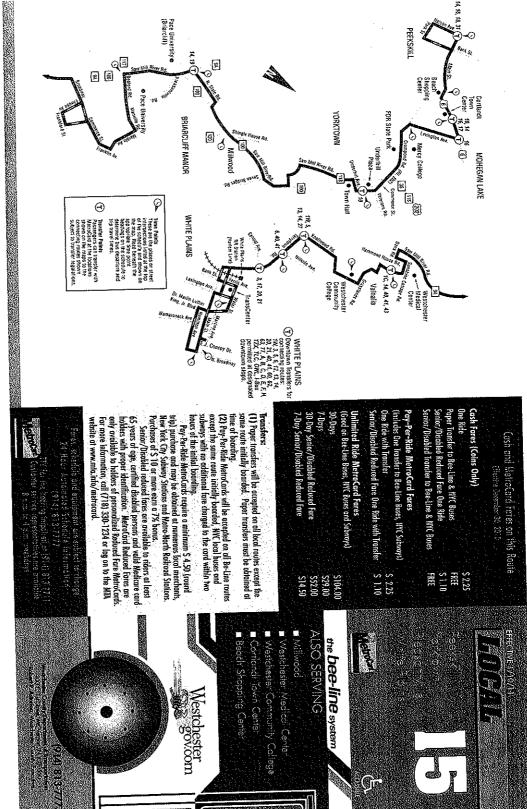
using cell phones on the bus. Please be courteous to your Ma fellow passengers and refrain from

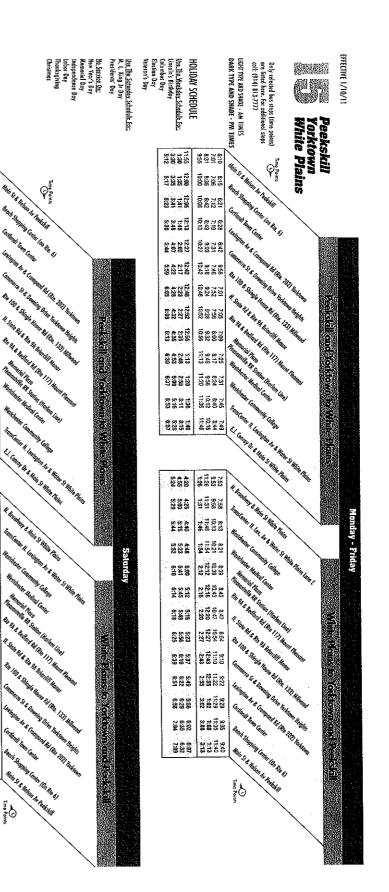
Metro-North Railroad

Cortlandt Town Cente Θ Croton-Harmon RR Station (Hudson Line) Ü CORTLANDT Time Points
These are the places or street intersections listed at the top of the schedule and shown on the map. Read cenath the appropriate time point headings on the schedule to determine bus departure and Transfer Points
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Passengers can transfer with
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shown on the maps to the
connecting routes shown
subject to transfer regulations. Park-and-Ride Location Nanstop Service trip travel times Shrub Oak CROTON -ON-HUDSON changes in Metro-North schedules. the bee-line system cannot accept responsibility for late trains or Downing Shopping Ctr. — Yorktown Green YORKTOWN Underhill Yorktown Town Hall τ © Commons) 12, 15 Yorktown Heights Yorktown

Capairment of Transportation 100 E. 1st Street 10:50 Vernon, N.Y. 10:550







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Please remember to take oil your personal items with you. The Bee-Line is not responsible for your personal items or packages.

UNAITENDED ITEMS ARE SUBJECT TO IMMEDIATE DISPOSAL!

To inquire about lost items, call (914) 376-6361.

Deportment of Transportation 100 E. 1st Street Mt. Vernan, N.Y. 10550

Westchester gov.com



Please be courteous to your fellow passengers and refrain from sing cell phones on the bus.

Alternations coulded

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Pay-Per-Ride:

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Get a 15% discount with the purchase or

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(2) Pay-Per-Ride MetroCards will be accepted on all Be-Line routes except the same route initially boarded, NYC local buses and sub-

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Can be used to pay for up to 4 people Refill as often as you like until card expires paying fare (some exceptions apply) subway-to-bus transfer within 2 hours of Free bus-to-bus, bus-to-subway, or addition of \$8.00 or more (cards usually expire in one year)

website at www.mta.into/metrocard

For more information, call (718) 330-1234 or log on to the MTA only available to holders of personalized Reduced Fare MetroCards

65 years of age, certified disabled persons and valid Medicare card holders with proper identification. MetroCard Reduced Fares are

Senior/Disabled reduced tares are available to riders at least

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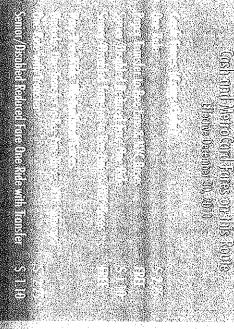
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Pay-Per-Ride MetroCards require a minimum \$ 4.50 (round

New York City Subway Stations and Metro-North Railroad Stations

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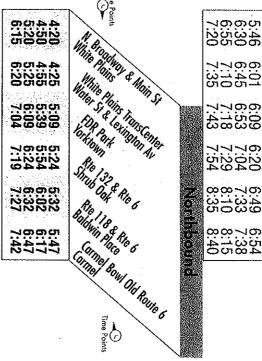
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NOTES:

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(202) (35)

● FDR Park-n-Ride

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JeffersonValley Mall

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Putnam Plaza

Carmel Bowl
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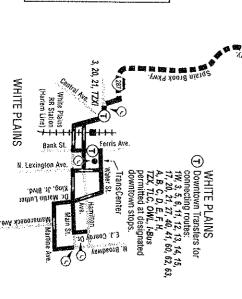
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IMMEDIATE DISPOSALI UNATTENDED ITEMS ARE SUBJECT TO your personal items or packages. The Bee-Line is not responsible for personal items with you. Please remember to take all your

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Department of Transportation Mt. Vernon, N.Y. 10550 100 East 1st Street

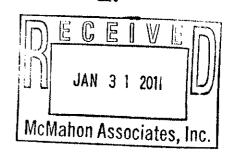
Appendix G

Other Supporting Documents

PENN DOT LETTER COSTCO TRIP GENERATION RATES







January 21, 2011

Mr. John Yurick, P.E., PTOE McMahon Associates, Inc. 840 Springdale Drive Exton, PA 19341

Re: Trip generation and pass-by rates for Discount Club with Gasoline Sales

Dear Mr. Yurick:

This is in response to your Trip Generation Study submission for the "Discount Club with Gasoline Sales" land use. It is McMahon's contention that the rates in the latest version of *ITE Trip Generation Manual* do not accurately portray the actual conditions.

A thorough review of the study and *ITE Trip Generation Manual* has been completed. Based on the information available in the ITE Manual for the Discount Club with Gasoline Sales land use and the data provided in your study, the Department will allow the following rates to be used:

V	VEIGHTED AV	ERAGE RATE	S
Weekday Aft	ernoon Peak	Saturday M	-
Ho	our	Ho	
Trips per	Pass-By	Trips per	Pass-by
1,000 SF	Rate	1,000 SF	Rate
4.21	37%	5.56	30%

These rates have been conditionally approved statewide for all Discount Clubs with Gasoline Sales. This letter must be submitted with all transportation impact studies electing to use this conditional approval. The rates will only be valid until the next edition of ITE Trip Generation is published (9th edition).

If you have any question regarding this matter, please contact Mike Dzurko, Manager, Central Permits Office, Bureau of Highway Safety and Traffic Engineering at (717) 783-6080.

Sincerely,

Glenn C. Rowe, P.E., Chief

Traffic Operations Division

Bureau of Highway Safety and Traffic Engineering

