

## Memorandum

Langan CT, Inc.

555 Long Wharf Drive New Haven, CT 06511 T: 203.562.5771 F: 203.789.6142

**To:** Mr. Antonio ladarola, P.E.

**From:** Christopher McLean, P.E.

John D. Plante, P.E.

Date: 21 February 2022

**Re:** Consolidated School Site Bus Lot Traffic Memo

Consolidated Early Learning Academy
12 Gillotti Road, New Fairfield, Connecticut

Langan Project No.: 140215351

Langan has prepared this traffic memorandum to identify the potential traffic impacts for the operations at the proposed bus lot located at the Consolidated School site at 12 Gillotti Road in New Fairfield, Connecticut.

#### PROJECT DESCRIPTION & PROPOSED OPERATIONS

The Consolidated Early Learning Academy (CELA), proposed and previously approved at 24 Gillotti Road, is an elementary school for students in kindergarten through 5<sup>th</sup> grade in the Town of New Fairfield, Fairfield County, Connecticut (See **Figure 1**). CELA will combine the existing Meeting House Hill School, located at 24 Gillotti Road, with the existing Consolidated School, located at 12 Gillotti Road. The Consolidated School site improvements include the demolition of the existing, approximately 79,000 square-foot Consolidated School and the relocation of the school bus parking lot from the Meeting House Hill School site to this location.

The school bus parking lot will be located at the northern portion of the site. Space for 26 regular-size school buses and 9 smaller buses and/or vans will be provided within a new, fenced lot. A ±400 square-foot bus operations structure is proposed within this area as well. The existing parking lot off Ball Pond Road is proposed to remain to provide parking during school hours to bus drivers and at off-hours parking will be open to the public utilizing the fields on site. Additionally, the parking lot off Gillotti Road is also proposed to remain. A new connection driveway between the bus parking lot and the existing southern parking lot is proposed to support one-way bus circulation through the site.

As part of Langan's previously approved Traffic Assessment prepared for CELA, dated December 2020, Langan identified the traffic operations and capacity analysis associated with the proposed bus lot without the internal connection to the southern parking lot. In Langan's assessment, it was shown that the driveways for the bus lot operate at LOS A under 2022 build conditions. The site plan for the bus lot has been revised to add the internal connection to the southern parking

Consolidated School Site Bus Lot Traffic Memo Consolidated Early Learning Academy 12 Gillotti Road, New Fairfield, Connecticut Langan Project No.: 140215351 21 February 2022 - Page 2 of 7

lot to allow for one-way circulation through the site. Buses are to enter the site from the driveway on Ball Pond Road and exit the lot at the southeast driveway to Gillotti Road. Bus drivers will park their personal vehicles at the northeast corner of the site in the lot located next to the Ball Pond Road driveway upon arrival. After arriving, they will proceed to get into their respective buses, which will be parked in the new proposed lot, and then exit through the driveway on Gillotti Road. Once bus drivers have finished their pick-up or drop-off route, they will enter the bus lot from the Ball Pond Road driveway and leave in their personal vehicles at the Ball Pond Road driveway. These proposed revisions will promote one-way bus circulation on the Consolidated School site and allow for safe and efficient bus pick-up and drop-off operations for the town.

#### **CAPACITY ANALYSIS**

To determine the traffic impacts on the area roadway network, we analyzed the operating conditions of the two site driveways for the proposed bus lot. As part of the previous traffic assessment for this site, the site driveways were analyzed using Synchro Plus SimTraffic 10 capacity analysis software for the existing, background and build peak-hour conditions. With the new proposed one-way operation of the bus lot, build peak-hour conditions were re-analyzed. Copies of the analysis reports are provided in **Appendix C. Table 1** provides a comparison of the traffic operating conditions for the periods evaluated.

# TABLE 1 PEAK-HOUR LEVEL OF SERVICE SUMMARY A.M. (P.M) Unsignalized Intersections

INTERSECTION	APPROACH	2020 EXISTING* (PREVIOUS STUDY)	2022 BACKGROUND* (PREVIOUS STUDY)	2022 BUILD* (PREVIOUS STUDY)	2022 BUILD
Gillotti Road &	EB	A (A)	A (A)	-	-
Consolidated School Southwest Driveway	WB	A (A)	A (A)	-	-
Gillotti Road &	EB	A (A)	A (A)	A (A)	A (A)
Consolidated School	WB	A (A)	A (A)	A (A)	A (A)
Southeast Driveway	SB	C (B)	C (B)	A (A)	A (A)
Ball Pond Road &	EB	B (B)	B (B)	A (A)	A (A)
Consolidated School	SB	A (A)	A (A)	A (A)	A (A)
Northeast Driveway	NB	A (A)	A (A)	A (A)	A (A)

<sup>\*</sup> Traffic operations based on previous Langan traffic assessment



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**Table 1** indicates that the site driveways for the new bus lot will maintain overall acceptable levels-of-service after the proposed school redevelopment without the need for any off-site improvements. The site driveways studied are adequate to accommodate the change in the bus lot operations. Since, overall, the traffic volumes at the location of the bus lot are to be decreased from existing conditions due to the demolition of the school, the existing site driveways on Gillotti Road and Ball Pond Road are expected to operate satisfactorily with the new bus lot operations.

#### **SAFETY ANALYSIS**

#### Intersection Sight Distance (ISD)

Intersection sight distances were measured at each driveway intersection of the Consolidated School site.

**Table 2** compares the intersection sight distance at the driveways associated with the bus lot with the New Fairfield roadway standards. Required intersection sight distances were based off of roadway classifications in the CTDOT *New Fairfield Functional Classification Map*. Gillotti Road is identified as an urban collector roadway and Ball Pond road is identified as an urban arterial roadway.

T. INTERSECTION SIGI	ABLE 2 HT DISTA	NCE SUMIV	IARY		
LOCATION	Design			Sight Distan	
LOCATION	Speed	Passen Required	Provided	Required	Truck/Bus Provided
Consolidated School Southeast Driveway (Un-Signalized) Looking Right (Gillotti Road eastbound) Looking Left (Gillotti Road westbound)	25 mph 25 mph	280 ft 280 ft	350 ft 280 ft <sup>1</sup>	350 ft 350 ft	350 ft 280 ft <sup>1</sup>
Consolidated School Northeast Driveway (Un-Signalized) Looking Right (Ball Pond Road southbound) Looking Left (Ball Pond Road northbound)	25 mph 25 mph	280 ft 280 ft	610 ft <sup>2</sup> 229 ft	350 ft 350 ft	610 ft <sup>2</sup> 229 ft

<sup>&</sup>lt;sup>1</sup> Distance to the intersection of Gillotti Road & Barnum Road

As shown in **Table 2**, the existing intersection sight distances at the Consolidated School Southeast Driveway looking right meets the New Fairfield DPW standards, however looking left towards Barnum Road does not meet the standards. However, when looking left from the Gillotti Road Driveway, there is sufficient sight distance to see the intersection of Gillotti Road and Barnum Road, as well as approximately 150 feet on Barnum Road in both directions, which will allow drivers to see vehicles on Barnum Road as they approach the Gillotti Road intersection.



<sup>&</sup>lt;sup>2</sup> Distance to the intersection of Ball Pond Road & Brush Hill Road

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Additionally, the existing sight distances at the Consolidated School Northeast Driveway looking right meets the DPW standards, but looking left does not. At the intersection of Ball Pond Road and the Consolidated School Northeast driveway, the sight line looking left is obstructed by the brush along the west side of Ball Pond Road. Stated previously in Langan's traffic assessment for CELA, we recommend removing vegetation within the right-of-way to maximize sight lines at this driveway.

#### **SUMMARY AND CONCLUSIONS**

This memo investigates the potential traffic impacts generated by the revised operations for the proposed bus lot which will be located at the Consolidated School site at 12 Gillotti Road in New Fairfield. Previously, both the driveways for the proposed bus lot were anticipated to operate as full movement enter/exit. The driveway operations have been revised to have the northeast driveway on Ball Pond Road be enter only for school buses, and the southeast driveway on Gillotti Road be exit only for school buses. The assessment indicates that the anticipated changed in bus lot operations will not have a significant adverse impact to the traffic operating conditions of the site driveways studied. To address safety and vehicular-access concerns we offer the following recommendations, which were also previously recommended in Langan's Traffic Assessment for CELA dated December 2020:

- Ball Pond Road & Consolidated School Northeast Driveway Intersection
  - o Trim trees/shrubs along the west side of Ball Pond Road to improve intersection sight distance looking left.

Sincerely,

Langan CT, Inc.

Christopher McLean, P.E.

Senior Staff Engineer

John D. Plante, P.E.

Managing Principal/Executive Vice President

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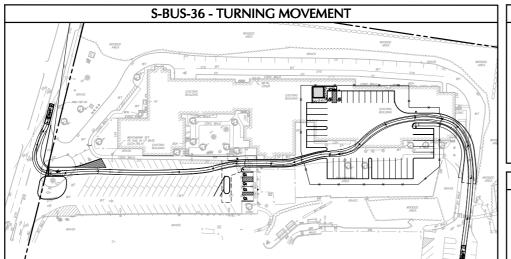


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## Appendix A

Site Plan





SIGN L	.EGEND	П
31-0662 31-0648	31-0662 (**)	
STOP 31-05522 ⊕	DO NOT ENTER	

VEHICLE PROFILE

	EXISTING	PROPOSED
PROPERTY LINE	<del></del>	
LIMIT OF WETLANDS		
UPLAND REVIEW AREA		
BUILDING LINE	1//////	
BUILDING DOOR	▽	▼
CURB LINE		
FLUSH CURB LINE		
SAWCUT LINE		
FENCE	— x —— x —— x ——	<del>-× -×</del>
TRAFFIC SIGN	-	-
TRAFFIC SIGN DESIGNATION		(♠
CONCRETE		25 (25 (5 (5 ))
HEAVY DUTY PAVEMENT		

	GI
SED	1. EXISTING INFORMATION 1.1. "PARTIAL BOUND 1.1. "PARTIAL BOUND 1.2. GLIOTI ROAL PREPARED B 1.2. "PARTIAL BOUND 1.2. GLIOTI ROAL PREPARED B SCHOOLS, GILLOT PREPARED BY CC
	PROPOSED BUILDING ARCHITECTURE IN AU
	WETLANDS WERE DELI CORPORATION DURING

#### ENERAL NOTES

- DARY AND TOPOGRAPHIC SURVEY", CONSOLIDATED SCHOOL AD, NEW FAIRFIELD, CT, DATED APRIL 9, 2020, AND LANGAN. LANGAN.

  A REPAIR RECORD", MEETING HOUSE HILL & CONSOLIDATED

  OTTI ROAD, NEW FAIRFIELD, CT, DATED 12-12-00, AND

  CCA. LLC.
- G FOOTPRINT RECEIVED ELECTRONICALLY FROM JCJ AUGUST 2020.
- ELINEATED AND FIELD LOCATED BY ALL-POINTS TECHNOLOG NG THE MONTH OF MARCH 2020.
- THE SITE IS LOCATED WITHIN ZONE X, AN AREA OF MINIMAL FLOODING, PER FEMA FIRM MAP 09001C0128F, EFFECTIVE DATE 6/18/2010.

## 302 BALL POND ROAD New Fairfield, CT 06812

#### **JCJ**ARCHITECTURE

120 HUYSHOPE AVENUE SUITE 400 HARTFORD, CT 06106 860.247.9226

CONSOLIDATED

**EARLY LEARNING** 

**ACADEMY** 

© 2020 JCJ Architecture



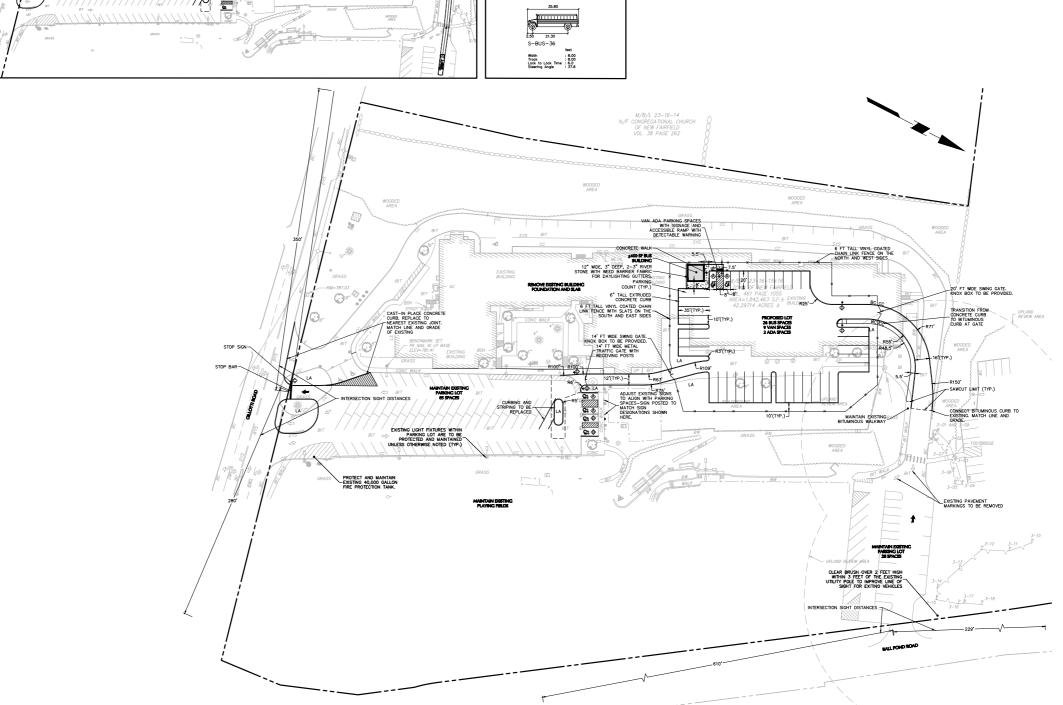
ZC SUBMISSION 2-22-2022



PIC [PB] PM [CO]	DL [LBB]
ISSUE JOB	ISSUE FOR ZC SUBMISSION H19079.00
DRAWN	KMS
SCALE	1"=40'

SITE PLAN -CONSOLIDATED SCHOOL

C-320

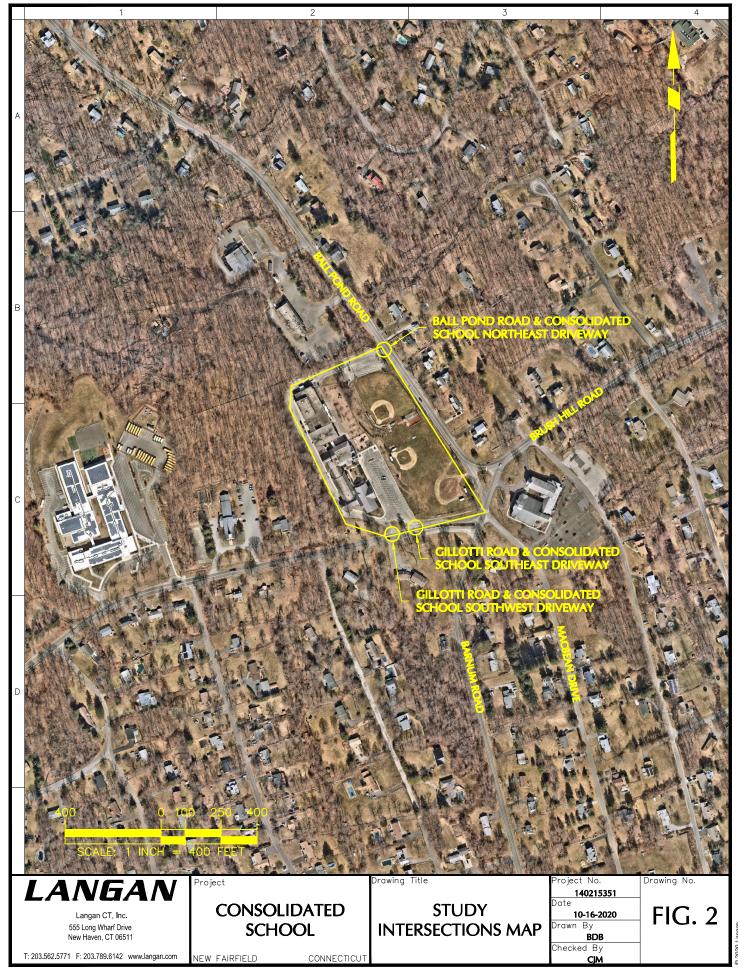


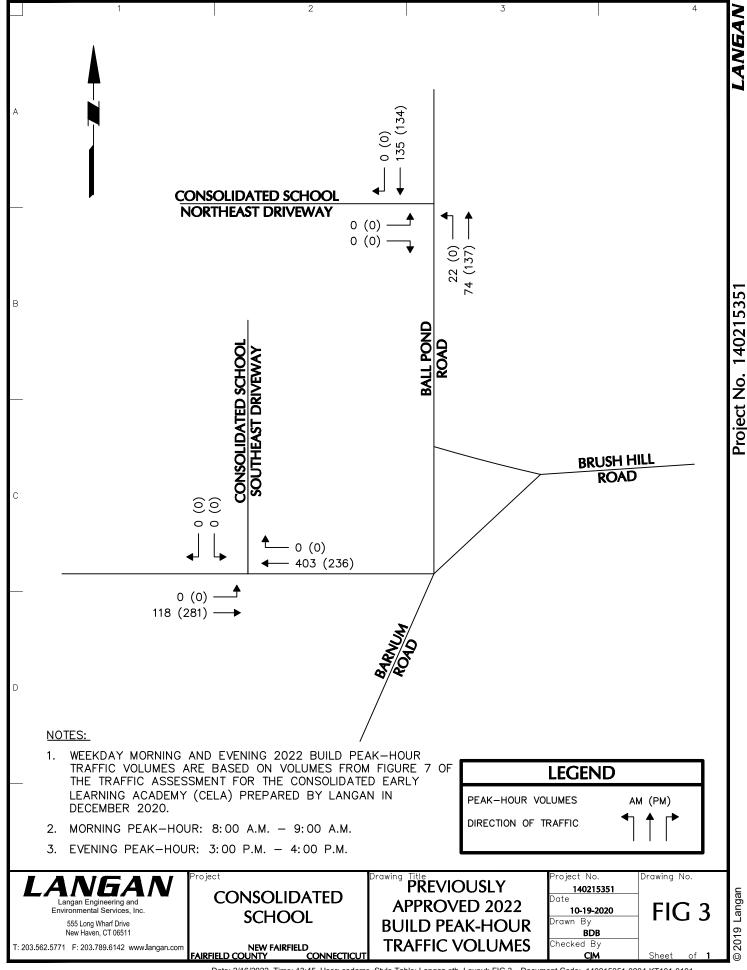
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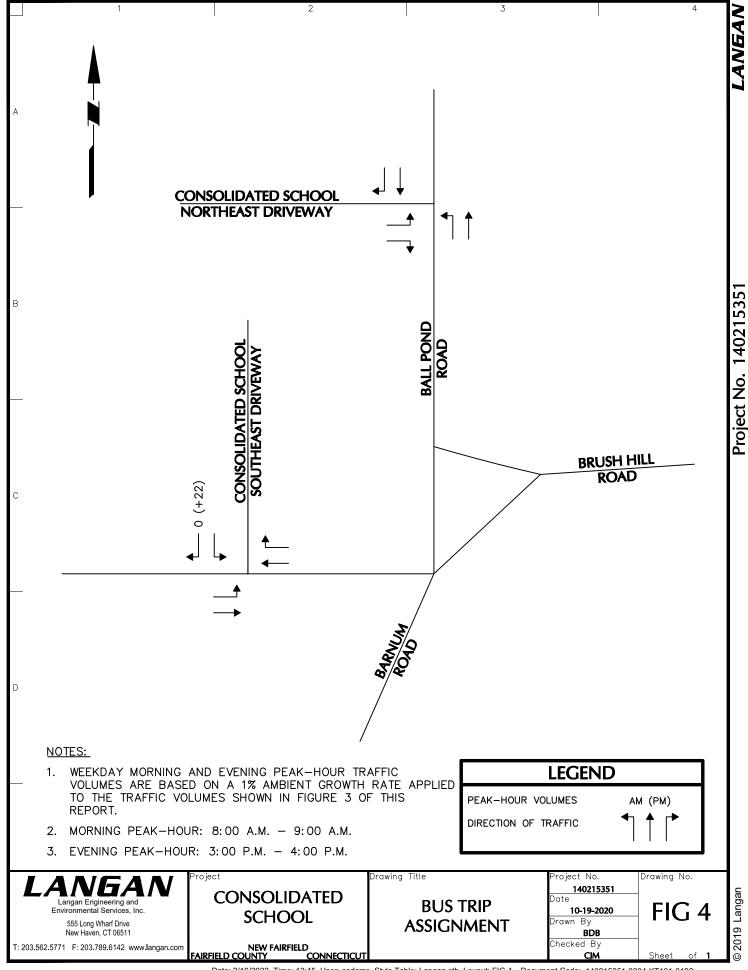
## **Appendix B**

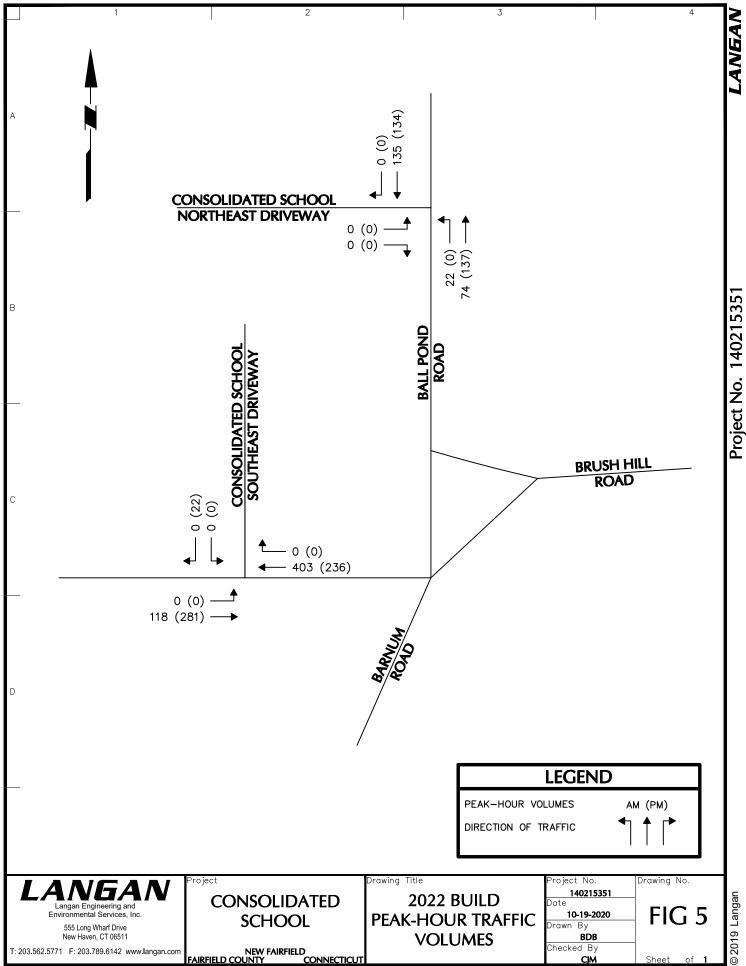
**Traffic Figures** 











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## Appendix C

**Build Synchro Analysis** 



	<b>*</b>	<b>→</b>	<b>←</b>	*_	<b>\</b>	4	
Lane Group	EBL	EBT	WBT	WBR	SEL	SER	
Lane Configurations		41₽	<b>^</b>	7	W		
Traffic Volume (vph)	0	118	403	0	0	0	
Future Volume (vph)	0	118	403	0	0	0	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	
Lane Width (ft)	11	11	11	11	16	16	
Storage Length (ft)	0			125	0	0	
Storage Lanes	0			1	1	0	
Taper Length (ft)	25				25		
Lane Util. Factor	0.95	0.95	1.00	1.00	1.00	1.00	
Frt							
Flt Protected							
Satd. Flow (prot)	0	2932	1766	1837	2153	0	
Flt Permitted							
Satd. Flow (perm)	0	2932	1766	1837	2153	0	
Link Speed (mph)		30	30		30		
Link Distance (ft)		106	263		88		
Travel Time (s)		2.4	6.0		2.0		
Peak Hour Factor	0.88	0.88	0.85	0.85	0.80	0.80	
Heavy Vehicles (%)	0%	19%	4%	0%	0%	0%	
Adj. Flow (vph)	0	134	474	0	0	0	
Shared Lane Traffic (%)							
Lane Group Flow (vph)	0	134	474	0	0	0	
Sign Control		Free	Free		Stop		
Intersection Summary							
Area Type:	Other						
Control Type: Unsignalized	d						
Intersection Capacity Utiliz	zation 24.5%			IC	U Level o	of Service	; <i>P</i>
Analysis Period (min) 15							

Intersection						
Int Delay, s/veh	0					
			14/5-	14/5-	0=:	0==
Movement	EBL	EBT	WBT	WBR	SEL	SER
Lane Configurations		41₽		7	¥	
Traffic Vol, veh/h	0	118	403	0	0	0
Future Vol, veh/h	0	118	403	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	125	0	-
Veh in Median Storage	,# -	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	85	85	80	80
Heavy Vehicles, %	0	19	4	0	0	0
Mymt Flow	0	134	474	0	0	0
WWITETIOW	U	104	717	U	U	U
Major/Minor N	Major1	N	//ajor2	N	/linor2	
Conflicting Flow All	474	0	-	0	541	474
Stage 1	-	-	-	-	474	-
Stage 2	-	-	-	-	67	-
Critical Hdwy	4.1	-	-	-	6.6	6.2
Critical Hdwy Stg 1	_	-	_	-	5.4	-
Critical Hdwy Stg 2	_	_	_	_	5.8	_
Follow-up Hdwy	2.2	_	_	_	3.5	3.3
Pot Cap-1 Maneuver	1099	_	_	_	491	595
Stage 1	-			<u>-</u>	630	-
Stage 2	_		_		954	_
Platoon blocked, %	-	-	_	-	304	_
-	1000	-	-		101	595
Mov Cap-1 Maneuver	1099	-	-	-	491	
Mov Cap-2 Maneuver	-	-	-	-	491	-
Stage 1	-	-	-	-	630	-
Stage 2	-	-	-	-	954	-
Approach	EB		WB		SE	
HCM Control Delay, s	0		0		0	
HCM LOS	-		- 0		A	
TIOWI LOO						
Minor Lane/Major Mvm	t	EBL	EBT	WBT	WBR :	SELn1
Capacity (veh/h)		1099	-	-	_	-
HCM Lane V/C Ratio		-	-	-	-	-
HCM Control Delay (s)		0	-	_	_	0
HCM Lane LOS		A	_	-	_	A
HCM 95th %tile Q(veh)		0	_	_	_	-
HCM 95th %tile Q(veh)		U	-	-	-	-

	<b>3</b>	74	$\mathbf{x}$	4	*	×
Lane Group	EBL	EBR	SET	SER	NWL	NWT
Lane Configurations	W		ĵ»			4
Traffic Volume (vph)	0	0	135	0	22	74
Future Volume (vph)	0	0	135	0	22	74
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	11	11	11	11
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected						0.989
Satd. Flow (prot)	1900	0	1837	0	0	1480
Flt Permitted						0.989
Satd. Flow (perm)	1900	0	1837	0	0	1480
Link Speed (mph)	30		30			30
Link Distance (ft)	299		549			556
Travel Time (s)	6.8		12.5			12.6
Peak Hour Factor	0.80	0.80	0.80	0.80	0.87	0.87
Heavy Vehicles (%)	0%	0%	0%	0%	100%	0%
Adj. Flow (vph)	0	0	169	0	25	85
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	169	0	0	110
Sign Control	Stop		Free			Free
Intersection Summary						
Area Type:	Other					
Control Type: Unsignalize	ed					
Intersection Capacity Utiliz				IC	U Level	of Service

Analysis Period (min) 15

Intersection						
Int Delay, s/veh	0.8					
		EDD	OFT	OEB	N IVA /I	AIVA
Movement	EBL	EBR	SET	SER	NWL	NWT
Lane Configurations	Y	•	<b>^}</b>	•	00	4
Traffic Vol, veh/h	0	0	135	0	22	74
Future Vol, veh/h	0	0	135	0	22	74
Conflicting Peds, #/hr	0	0	_ 0	_ 0	_ 0	_ 0
	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage,	# 0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	80	80	80	80	87	87
Heavy Vehicles, %	0	0	0	0	100	0
Mvmt Flow	0	0	169	0	25	85
N.A. '. (N.A.)					4 . 0	
	inor1		Major1		Major2	
Conflicting Flow All	304	169	0	0	169	0
Stage 1	169	-	-	-	-	-
Stage 2	135	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	5.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	3.1	-
Pot Cap-1 Maneuver	692	880	_	-	982	-
Stage 1	866	-	-	-	-	-
Stage 2	896	-	_	-	-	-
Platoon blocked, %			_	_		_
Mov Cap-1 Maneuver	673	880	_	_	982	_
Mov Cap-2 Maneuver	673	-	_	_	-	_
Stage 1	866	_				_
•	872	_	_	_	_	-
Stage 2	012	<u>-</u>	-	-	-	-
Approach	EB		SE		NW	
HCM Control Delay, s	0		0		2	
HCM LOS	A					
110111 200	, ,					
N.		<b>N</b> IN <b>A</b> //	N IVA/T	EDL 4	057	٥٥٥
Minor Lane/Major Mvmt		NWL	NWI	EBLn1	SET	SER
Capacity (veh/h)		982	-	-	-	-
HCM Lane V/C Ratio		0.026	-	-	-	-
HCM Control Delay (s)		8.8	0	0	-	-
HCM Lane LOS		Α	Α	Α	-	-
HCM 95th %tile Q(veh)		0.1	-	-	-	-

	<b>&gt;</b>	<b>→</b>	<b>←</b>	*_	<b>\</b>	4
Lane Group	EBL	EBT	WBT	WBR	SEL	SER
Lane Configurations		4₽	<b>†</b>	7	W	
Traffic Volume (vph)	0	281	236	0	0	22
Future Volume (vph)	0	281	236	0	0	22
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	16	16
Storage Length (ft)	0			125	0	0
Storage Lanes	0			1	1	0
Taper Length (ft)	25				25	
Lane Util. Factor	0.95	0.95	1.00	1.00	1.00	1.00
Frt					0.865	
Flt Protected						
Satd. Flow (prot)	0	3323	1733	1837	1863	0
Flt Permitted						
Satd. Flow (perm)	0	3323	1733	1837	1863	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		106	263		88	
Travel Time (s)		2.4	6.0		2.0	
Peak Hour Factor	0.72	0.72	0.89	0.89	0.80	0.80
Heavy Vehicles (%)	0%	5%	6%	0%	0%	0%
Adj. Flow (vph)	0	390	265	0	0	28
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	390	265	0	28	0
Sign Control		Free	Free		Stop	
Intersection Summary						
Area Type:	Other					
Control Type: Unsignalized						
Intersection Capacity Utiliza	ation 22.4%			IC	U Level o	of Service
Analysis Period (min) 15						

Intersection						
Int Delay, s/veh	0.4					
		EDT	WDT	WDD	OFI	OFF
Movement	EBL	EBT	WBT	WBR	SEL	SER
Lane Configurations		41	<b>↑</b>	7	¥	
Traffic Vol, veh/h	0	281	236	0	0	22
Future Vol, veh/h	0	281	236	0	0	22
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-		-	None
Storage Length	-	-	-	125	0	-
Veh in Median Storage	e,# -	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	72	72	89	89	80	80
Heavy Vehicles, %	0	5	6	0	0	0
Mvmt Flow	0	390	265	0	0	28
		_		_		
	Major1		//ajor2	N	/linor2	
Conflicting Flow All	265	0	-	0	460	265
Stage 1	-	-	-	-	265	-
Stage 2	-	-	-	-	195	-
Critical Hdwy	4.1	_	-	-	6.6	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.8	-
Follow-up Hdwy	2.2	_	_	-	3.5	3.3
Pot Cap-1 Maneuver	1311	_	-	_	549	779
Stage 1		-	_	_	784	-
Stage 2	-	_	-	_	825	_
Platoon blocked, %		_	_	_		
Mov Cap-1 Maneuver	1311	_	_	_	549	779
Mov Cap-1 Maneuver	-		_		549	-
Stage 1	-	-	_	-	784	
Stage 2	-	-	-	-	825	
Staye 2	-	-	-	-	020	-
Approach	EB		WB		SE	
HCM Control Delay, s	0		0		9.8	
HCM LOS					A	
Minor Lane/Major Mvn	nt	EBL	EBT	WBT	WBR :	SELn1
Capacity (veh/h)		1311	-	-	-	779
HCM Lane V/C Ratio		-	-	-	-	0.035
HCM Control Delay (s)	)	0	-	-	-	9.8
HCM Lane LOS		Α	-	-	-	Α
HCM 95th %tile Q(veh	)	0	-	-	-	0.1
.,	,					

	>	74	$\mathbf{x}$	4	*	*
Lane Group	EBL	EBR	SET	SER	NWL	NWT
Lane Configurations	M		ĵ»			4
Traffic Volume (vph)	0	0	134	0	0	137
Future Volume (vph)	0	0	134	0	0	137
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	11	11	11	11
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected						
Satd. Flow (prot)	1900	0	1766	0	0	1783
FIt Permitted						
Satd. Flow (perm)	1900	0	1766	0	0	1783
Link Speed (mph)	30		30			30
Link Distance (ft)	299		549			556
Travel Time (s)	6.8		12.5			12.6
Peak Hour Factor	0.80	0.80	0.83	0.83	0.81	0.81
Heavy Vehicles (%)	0%	0%	4%	0%	0%	3%
Adj. Flow (vph)	0	0	161	0	0	169
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	161	0	0	169
Sign Control	Stop		Free			Free
Intersection Summary						
Area Type:	Other					
Control Type: Unsignalize	ed					
Intersection Capacity Utiliz				IC	U Level o	of Service

Analysis Period (min) 15

Intersection						
Int Delay, s/veh	0					
				0==		
	EBL	EBR	SET	SER	NWL	NWT
Lane Configurations	Y		<b>f</b> >			सी
Traffic Vol, veh/h	0	0	134	0	0	137
Future Vol, veh/h	0	0	134	0	0	137
Conflicting Peds, #/hr	0	0	0	_ 0	_ 0	0
	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #		-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	80	80	83	83	81	81
Heavy Vehicles, %	0	0	4	0	0	3
Mvmt Flow	0	0	161	0	0	169
Major/Minor M:	nor1	, n	Major1	, n	/loior?	
			Major1		Major2	
Conflicting Flow All	330	161	0	0	161	0
Stage 1	161	-	-	-	-	-
Stage 2	169	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	669	889	-	-	1430	-
Stage 1	873	-	-	-	-	-
Stage 2	866	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	669	889	-	-	1430	-
Mov Cap-2 Maneuver	669	-	-	-	-	-
Stage 1	873	-	-	-	-	-
Stage 2	866	_	-	_	-	-
g <u>-</u>						
Approach	EB		SE		NW	
HCM Control Delay, s	0		0		0	
HCM LOS	Α					
Minor Lane/Major Mvmt		NWL	NWT I	EBLn1	SET	SER
Capacity (veh/h)		1430	14441	LDLIII	OLI	OLIN
HCM Lane V/C Ratio			-	-	-	-
		0	-	-	-	-
HCM Long LOS			-	0	-	-
HCM C5th 0(tile O(treb)		A	-	Α	-	-
HCM 95th %tile Q(veh)		0	-	-	-	-