

**TOWNSHIP OF WEST ORANGE**

25 LAKESIDE AVENUE, WEST ORANGE, N.J. 07052

DEPARTMENT OF ENGINEERING**SUSAN McCARTNEY***Mayor*

Tel./Fax: (973) 325-4160

Email: Engineering@westorange.org**ZAYIBETH CARBALLO***Director/Municipal Engineer*

October 29, 2024

Mayor and Township Council
Municipal Building
66 Main Street
West Orange, New Jersey 07052

RE: **AWARD OF PROFESSIONAL SERVICES CONTRACT,
PROFESSIONAL ENGINEERING SERVICES FOR:
STOP CONTROL AND ALL WAY STOP ANALYSIS
AT VARIOUS LOCATIONS**

Mayor McCartney, Council President Rutherford, and Council Members,

On Friday, October 25, 2024 the Township received four responses to the Request for Proposal issued October 8, 2024 for Professional Engineering Services for Stop Control and All Way Stop Analysis at Various Locations.

A summary of the responses for the project is as follows:

- | | |
|---|-------------|
| 1. Bright View Engineering
70 South Orange Avenue, Suite 109
Livingston, NJ 07039 | \$15,600.00 |
| 2. Dynamic Traffic
1904 Main Street
Lake Como, NJ 07719 | \$19,000.00 |
| 3. Consulting and Municipal Engineers
3141 Bordentown Avenue
Parlin, NJ 08859 | \$57,786.00 |

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- | | |
|--|-------------|
| 4. Greenman-Pedersen, Inc.
301 Gibraltar Drive, Suite 2A
Morris Plains, NJ 07950 | \$77,647.72 |
| 5. T&M Associates
400 Broadacres Drive, Suite 250
Bloomfield, NJ 07003 | Declined |
| 6. H2M Architects + Engineers
119 Cherry Hill Road, Suite 110
Parsippany, NJ 07054 | No Response |

Based on my review of the proposals received, I recommend you award a Professional Services Contract to Bright View Engineering, 70 South Orange Avenue, Suite 109, Livingston, NJ 07039, in the amount of \$15,600.00 as the lowest responsive proposal. Attached, is a Resolution awarding Professional Services Contracts to Bright View Engineering.

Please contact me if you have any questions. A copy of the RFP and a copy of the responses are enclosed.

Very truly yours,

Zayibeth Carballo

Zayibeth Carballo

Director/Municipal Engineer

ZYC/bs

cc: John Ditinyak, CFO
James Abbott, Interim BA/Chief of Police
Richard Trenk, ESQ
Peter Smeraldo, Assistant BA
Pat Matullo, Ltd. WO Traffic Bureau



TOWNSHIP OF WEST ORANGE

25 LAKESIDE AVENUE, WEST ORANGE, N.J. 07052

DEPARTMENT OF ENGINEERING

SUSAN McCARTNEY

Mayor

Tel/Fax: (973) 325-4160

Email: Engineering@westorange.org

ZAYIBETH CARBALLO

Director/ Municipal Engineer

October 8, 2024

Trevor Taylor
CME
Monmouth Junction, NJ, 08852

**RE: REQUEST FOR PROPOSALS (RFP)
PROFESSIONAL ENGINEERING SERVICES FOR
STOP CONTROL AND ALL WAY STOP ANALYSIS
AT VARIOUS LOCATIONS**

Dear Mr. Taylor:

The Department of Engineering for the Township of West Orange requests proposals from firms providing Engineering Services, which are capable of providing Stop Control and All Way Stop Analyses at locations to determine the most appropriate traffic control measures.

Scope of Services:

I. STOP CONTROL ANALYSIS

Consultant will conduct a field investigation at each of the following locations to evaluate existing conditions that might affect the installation of stop control at each intersection and confirming adequate sight distance is available and identify any other deficiencies within the study area.

Also, Consultant is to review the available crash data attached to the RFP and available crash history from NJDOT's Safety Voyager system to confirm if significant crash data is present.

1. Lancaster Terrace and Manchester Road
2. Manchester Road and Westminster Terrace
3. Normandy Terrace and Manchester Road
4. Cheshire Terrace and Nottingham Road
5. Devonshire Terrace and Nottingham Road
6. Nottingham Road and Normandy Terrace
7. Westminster Terrace and Nottingham Road
8. Brook Place and Mount Pleasant Place
9. Vosseler Ct and Vosseler Terrace
10. Sylvan Place and Burnett Terrace
11. Gilbert Place and Bradford Ave

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12. Devon Drive and Mountain Way
13. Mountain Way S and Mountain Way
14. Cullen Drive and Carlson Road

As part of the deliverables, Consultant is to prepare a short report for each intersection which details findings and recommendations for changes including a recommendation for the installation of stop signs were appropriate consistent with the 11th edition of MUTCD.

II. ALL WAY STOP ANALYSIS FOR THE INTERSECTIONS OF:

- ❖ **LOWELL AVE. AND MOUNTAIN WAY AND LUDDINGTON RD.**
- ❖ **MISSISSIPPI AVE. AND MAPLE ST.**

Consultant will conduct a field investigation at each location to evaluate existing intersection(s) geometry, observe traffic patterns, review available sight distance and identify other deficiencies within the study area. Also, consultant will review the available crash history from the West Orange Police Department to confirm if a significant crash history is present. If necessary, consultant will review available crash history from NJDOT's Safety Voyager system to confirm if significant crash data is present. The following tasks are to be conducted:

- A. Perform intersection turning movement counts at the intersection(s) from 6:00 AM to 7:00 PM on a mid-week weekday (Tuesday, Wednesday, or Thursday) when schools are in regular session to establish existing intersection volumes.
- B. Conduct a stop warrant analysis in accordance with section 2B.12 of the 11th Edition of the MUTCD.
- C. Perform peak hour level of service analysis for the intersection(s) under existing conditions and with any recommended changes.
- D. Consultant will prepare a letter report for each intersection which details findings and recommendations.
- E. Include at least 1 meeting.

Proposals shall be on a lump sum basis for each task. Hourly rates shall be submitted with all proposal for any additional work.

Proposals shall be submitted in writing on or before **10:00 A.M. Friday October 25, 2024** to the Department of Engineering, 25 Lakeside Avenue, West Orange, NJ 07052 and shall include a specified completion date or number of days required for completion of the work after approval is granted to proceed. Also, evidence of proper insurance shall be submitted for approval by the Township Attorney.

Very truly yours,
Zayibeth Y. Carballo
Zayibeth Y. Carballo,
Director/Municipal Engineer

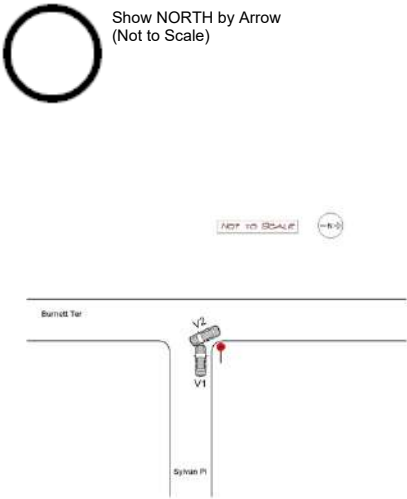
ZYC/ag

96	05	Page 1 of 2 ☐ Fatal New Jersey Police Crash Investigation Report ☒ Reportable ☐ Non-Reportable ☐ Change Report																		118a	25																							
97	01	1. Case Number 2022-010459		10. Crash Occurred On: SYLVAN PLACE W 11. Speed Limit 25 -- -- --										118b		--																												
98	01	2. Police Dept. of WEST ORANGE 01		12. Route No. 13. Milepost 18. Speed Limit 25										119a		08																												
99	07	3. Station/Precinct		14. 15. 16. 17. Cross Road Name/Route No. BURNETT TER										119b		--																												
100a	01	4. Date of Crash mm dd yy 05/16/22		5. Day of Week MON		6. Time (use 2400 hrs.) 1314		7. Municipality Code 0722		8. Total Killed --		9. Total Injured --		19. Ramp 20. Route Name/Route No. 21. Latitude 22. Longitude		120a		01																										
100b	06	23. Veh. # 01		24. Policy No. 4048530119		25. NJ Ins. Code 148		53 Veh. # 02		54. Policy No. 10007706454		55. NJ Ins. Code 963		120b		--																												
101	02	☐ Parked ☐ Ped ☐ Pedalcyclist ☐ Resp. to Emergency ☐ Hit & Run						☐ Parked ☐ Ped ☐ Pedalcyclist ☐ Resp. to Emergency ☐ Hit & Run						121a		01																												
102	02	26. Driver's First Name Initial K		Last Name SONDHI		29. Sex M		56. Driver's First Name Initial T		Last Name ROSENBAUM		59. Sex F		121b		--																												
103	01	27. Number & Street 30 ALBERT COURT										57. Number & Street 357 MELROSE PL																																
104	2	28. City RANDOLPH State NJ Zip 07869-4188										58 City S ORANGE State NJ Zip 07079-1638										122		08																				
		30. Eyes 02		DL Class --		Restrictions --		Endorsements --		31. State NJ		60. Eyes 04		DL Class --		Restrictions --		Endorsements --		61. State NJ		123		03																				
105	09	32. Driver's License Number S63876387212612				33. DOB mm dd yy 12/19/61				34. Expires mm yy 12/22				62. Driver's License Number R66934028357294				63. DOB mm dd yy 07/04/29				64. Expires mm yy 07/23				124		08																
		35. Owner's First Name Initial Last Name MORRIS COUNTY AUTO SLS INC										65. Owner's First Name Initial Last Name JOAN T ROSENBAUM										125		11																				
106	02	36. Number & Street 111 RIDGEDALE AVE										66. Number & Street 357 MELROSE PL										126a		26																				
107	02	37. City MORRISTOWN State NJ Zip 07960										67. City S ORANGE State NJ Zip 07079-1638										126b		--																				
108	01	38. Make BMW		39. Model 330		40. Color GY		41. Year 2018		42. Plate No. J39PWR		43. State NJ		68. Make TOYOTA		69. Model CAM		70. Color GN		71. Year 2009		72. Plate No. C41BWP		73. State NJ		126c		--																
109	01	44. VIN WBA8Z9C5XJG827823										45. Expires 05/23		74. VIN 4T4BE46K09R114114										75. Expires 04/23		126d		--																
110	01	46. Vehicle Removed to: --										76. Vehicle Removed to: --										126e		26																				
111	01	☒ Driven ☐ Towed Disabled ☐ Towed Disabled & Impounded										☒ Driven ☐ Towed Disabled ☐ Towed Disabled & Impounded										127a		26																				
112	--	☐ Left at Scene ☐ Towed Impounded										☐ Left at Scene ☐ Towed Impounded										127b		--																				
113	--	47. Authority ☐ Owner ☐ Driver ☒ Police										77. Authority ☐ Owner ☐ Driver ☒ Police										127c		--																				
114	--	48. Alcohol Drug Test Given : ☒ No ☐ Yes ☐ Refused				49. Hazardous Material ☒ None ☐ On Board ☐ Spill						78 Alcohol Drug Test Given : ☒ No ☐ Yes ☐ Refused				79. Hazardous Material ☒ None ☐ On Board ☐ Spill						127d		--																				
115	--	Type : ☐ Breath ☐ Blood ☐ Urine				Hazard Class Placard No.						Type : ☐ Breath ☐ Blood ☐ Urine				Hazard Class Placard No.						127e		26																				
116	04	Results: 0. -- % ☐ Pending				50. Carrier No. ☐ USDOT -- ☒ None						80. Carrier No. ☐ USDOT -- ☒ None						81. GVWR / GCWR (trucks & buses only) ☐ < 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ > 26,001 lbs.						128		26																		
117	02	52. Motor Carrier or Government Entity --										82. Motor Carrier or Government Entity --										129		11																				
		Number & Street --										Number & Street --										130		11																				
		City -- State -- Zip --										City -- State -- Zip --										131		10																				
		135. Damage To Other Property ☐ Yes (if Yes, describe) ☒ No																				132		10																				
																						133		03																				
		Oper. 136. Charge --										137. Summons No. --										Oper. 138. Charge --										139. Summons No. --										134		03
		Oper. 140. Charge --										141. Summons No. --										Oper. 142. Charge --										143. Summons No. --												

	83	84	85	86	87	88	89	90	91	92	93	94	95	Names & Addresses of Occupants If Deceased, Date & Time of Death
A	1	01	01	05	60	M	--	--	01	11	04	--	--	SONDHI, RAJINDER K, 30 ALBERT COURT, RANDOLPH, NJ 07869-4188
B	2	01	01	05	92	F	--	--	01	11	04	--	--	ROSENBAUM, JOAN T, 357 MELROSE PL, S ORANGE, NJ 07079-1638
C	--	--	--	--	--	--	--	--	--	--	--	--	--	
D	--	--	--	--	--	--	--	--	--	--	--	--	--	

New Jersey Police Crash Investigation Report												Case Number 2022-010459			Page <u>2</u> of <u>2</u>	
	83	84	85	86	87	88	89	90	91	92	93	94	95	Names & Addresses of Occupants <i>If Deceased, Date & Time of Death</i>		
E	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
F	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
G	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
H	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
I	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
J	--	--	--	--	--	--	--	--	--	--	--	--	--	--		

144. Crash Diagram



145. Crash Description/ Narrative

D1 stated he was coming to a stop at the intersection of Sylvan Pl and Burnett Ter. D1 further stated while stopped, V2 attempted to make the left turn from Burnett Ter onto Sylvan Pl. D1 thought V2 was going to make the wide turn but turned close to V1, thus striking V1.

D2 stated she was driving South on Burnett Ter making the left turn onto Sylvan Pl. While turning V2 turned close to V1 thus striking V1 causing damage.

146. Officer's Signature Patrol Officer ANDREW D. AYRE 	147. Badge # 354	148. Reviewer Sergeant BRAD D. SQUIRES 	Badge # 217	149. Case Status COMPLETE
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96	05	Page 1 of 3		☐ Fatal		New Jersey Police Crash Investigation Report										☒ Reportable		☐ Non-Reportable		☐ Change Report		118a	02																										
97	01	1. Case Number		20027636										10. Crash Occurred On:		MANCHESTER RD		E		11. Speed Limit		25		12. Route No.		Suffix		13. Milepost		18. Speed Limit		118b	-																
98	01	2. Police Dept. of		Code		WEST ORANGE		01		3. Station/Precinct		-		100		☐ At Intersection with		☒ Feet		☐ N		☐ S		☐ E		☒ W		of: WESTMINSTER TER		19. To: 17. Cross Road Name/Route No.		☐ NB		☐ EB		119a	25												
99	07	4. Date of Crash		5. Day of Week		mm dd yy		Su Mo Tu We Th Fr Sa		6. Time (use 2400 hrs.)		1519		7. Municipality Code		0722		8. Total Killed		-		9. Total Injured		-		21. Latitude		20 Route Name/Route No.		22. Longitude		-		-		119b	-												
100a	01	23. Veh. #		24. Policy No.		01		07541587-6		25. NJ Ins. Code		148		53. Veh. #		02		54. Policy No.		4032283493		55. NJ Ins. Code		148		56. Driver's First Name		Initial		Last Name		57. Sex		-		120a	01												
100b	04	26. Driver's First Name		Initial		Last Name		STUART		J		BURY		29. Sex		M		56. Driver's First Name		Initial		Last Name		-		57. Sex		-		-		-		-		120b	-												
101	02	27. Number & Street		395 FIRST AVE		28. City		MANASQUAN		State		NJ		Zip		08736		58. City		-		State		-		Zip		-		-		-		-		121a	01												
102	01	30. Eyes		DL Class		Restrictions		Endorsements		31. State		NJ		60. Eyes		-		DL Class		-		Restrictions		-		Endorsements		-		61. State		-		-		121b	-												
103	01	32. Driver's License Number		B9419		72571		04494		33. DOB		mm dd yy		042549		34. Expires		mm yy		0422		62. Driver's License Number		--		63. DOB		mm dd yy		64. Expires		mm yy		--		122	13												
104	02	35. Owner's First Name		Initial		Last Name		-		36. Number & Street		6 ORANGE PL		37. City		WEST ORANGE		State		NJ		Zip		07052		65. Owner's First Name		Initial		Last Name		TESHA R GARY		66. Number & Street		28 WESTMINSTER TER		123	10										
105	08	38. Make		GMC		39. Model		VAN		40. Color		WT		41. Year		1981		42. Plate No.		XN945R		43. State		NJ		68. Make		JEEP		69. Model		WRANGLER		BK		70. Color		2013		72. Plate No.		C39MRJ		73. State		NJ		124	11
106	-	44. VIN		1		G		T		G		P		3		2		M		4		B		3		5		0		2		7		9		6		45. Expires		09/21		125	11						
107	-	46. Vehicle Removed to:		-		47. Authority		☐ Owner		☐ Driver		☒ Police		48. Alcohol Drug Test		Given: ☒ No		☐ Yes		☐ Refused		Type: ☐ Breath		☐ Blood		☐ Urine		Results: 0.00%		☐ Pending		49. Hazardous Material		☐ None		☐ On Board		☐ Spill		126a	28								
108	03	50. Carrier No.		☐ USDOT		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		51. GVWR / GCWR (trucks & buses only)		☐ ≤ 10,000 lbs.		☐ 10,001 - 26,000 lbs.		☐ ≥ 26,001 lbs.		126b	-		
109	04	52. Motor Carrier or Government Entity		-		53. Motor Carrier or Government Entity		-		54. Motor Carrier or Government Entity		-		55. Motor Carrier or Government Entity		-		56. Motor Carrier or Government Entity		-		57. Motor Carrier or Government Entity		-		58. Motor Carrier or Government Entity		-		59. Motor Carrier or Government Entity		-		60. Motor Carrier or Government Entity		-		61. Motor Carrier or Government Entity		-		126c	-						
110	02	62. Motor Carrier or Government Entity		-		63. Motor Carrier or Government Entity		-		64. Motor Carrier or Government Entity		-		65. Motor Carrier or Government Entity		-		66. Motor Carrier or Government Entity		-		67. Motor Carrier or Government Entity		-		68. Motor Carrier or Government Entity		-		69. Motor Carrier or Government Entity		-		70. Motor Carrier or Government Entity		-		71. Motor Carrier or Government Entity		-		126d	-						
111	01	72. Motor Carrier or Government Entity		-		73. Motor Carrier or Government Entity		-		74. Motor Carrier or Government Entity		-		75. Motor Carrier or Government Entity		-		76. Motor Carrier or Government Entity		-		77. Motor Carrier or Government Entity		-		78. Motor Carrier or Government Entity		-		79. Motor Carrier or Government Entity		-		80. Motor Carrier or Government Entity		-		81. Motor Carrier or Government Entity		-		126e	28						
112	-	82. Motor Carrier or Government Entity		-		83. Motor Carrier or Government Entity		-		84. Motor Carrier or Government Entity		-		85. Motor Carrier or Government Entity		-		86. Motor Carrier or Government Entity		-		87. Motor Carrier or Government Entity		-		88. Motor Carrier or Government Entity		-		89. Motor Carrier or Government Entity		-		90. Motor Carrier or Government Entity		-		91. Motor Carrier or Government Entity		-		127a	26						
113	-	92. Motor Carrier or Government Entity		-		93. Motor Carrier or Government Entity		-		94. Motor Carrier or Government Entity		-		95. Motor Carrier or Government Entity		-		96. Motor Carrier or Government Entity		-		97. Motor Carrier or Government Entity		-		98. Motor Carrier or Government Entity		-		99. Motor Carrier or Government Entity		-		100. Motor Carrier or Government Entity		-		101. Motor Carrier or Government Entity		-		127b	-						
114	03	102. Motor Carrier or Government Entity		-		103. Motor Carrier or Government Entity		-		104. Motor Carrier or Government Entity		-		105. Motor Carrier or Government Entity		-		106. Motor Carrier or Government Entity		-		107. Motor Carrier or Government Entity		-		108. Motor Carrier or Government Entity		-		109. Motor Carrier or Government Entity		-		110. Motor Carrier or Government Entity		-		111. Motor Carrier or Government Entity		-		127c	-						
115	-	112. Motor Carrier or Government Entity		-		113. Motor Carrier or Government Entity		-		114. Motor Carrier or Government Entity		-		115. Motor Carrier or Government Entity		-		116. Motor Carrier or Government Entity		-		117. Motor Carrier or Government Entity		-		118. Motor Carrier or Government Entity		-		119. Motor Carrier or Government Entity		-		120. Motor Carrier or Government Entity		-		121. Motor Carrier or Government Entity		-		127d	-						
116	02	122. Motor Carrier or Government Entity		-		123. Motor Carrier or Government Entity		-		124. Motor Carrier or Government Entity		-		125. Motor Carrier or Government Entity		-		126. Motor Carrier or Government Entity		-		127. Motor Carrier or Government Entity		-		128. Motor Carrier or Government Entity		-		129. Motor Carrier or Government Entity		-		130. Motor Carrier or Government Entity		-		131. Motor Carrier or Government Entity		-		127e	26						
117	02	132. Motor Carrier or Government Entity		-		133. Motor Carrier or Government Entity		-		134. Motor Carrier or Government Entity		-		135. Motor Carrier or Government Entity		-		136. Motor Carrier or Government Entity		-		137. Motor Carrier or Government Entity		-		138. Motor Carrier or Government Entity		-		139. Motor Carrier or Government Entity		-		140. Motor Carrier or Government Entity		-		141. Motor Carrier or Government Entity		-		128	28						
		135. Damage to Other Property		☐ Yes (If Yes, describe)		☒ No		-		136. Charge		-		137. Summons No.		-		138. Charge		-		139. Summons No.		-		140. Charge		-		141. Summons No.		-		142. Charge		-		143. Summons No.		-		129	07						
		144. Charge		-		145. Summons No.		-		146. Charge		-		147. Summons No.		-		148. Charge		-		149. Summons No.		-		150. Charge		-		151. Summons No.		-		152. Charge		-		153. Summons No.		-		130	07						
		154. Charge		-		155. Summons No.		-		156. Charge		-		157. Summons No.		-		158. Charge		-		159. Summons No.		-		160. Charge		-		161. Summons No.		-		162. Charge		-		163. Summons No.		-		131	10						
		164. Charge		-		165. Summons No.		-		166. Charge		-		167. Summons No.		-		168. Charge		-		169. Summons No.		-		170. Charge		-		171. Summons No.		-		172. Charge		-		173. Summons No.		-		132	10						
		174. Charge		-		175. Summons No.		-		176. Charge		-		177. Summons No.		-		178. Charge		-		179. Summons No.		-		180. Charge		-		181. Summons No.		-		182. Charge		-		183. Summons No.		-		133	02						
		184. Charge		-		185. Summons No.		-		186. Charge		-		187. Summons No.		-		188. Charge		-		189. Summons No.		-		190. Charge		-		191. Summons No.		-		192. Charge		-		193. Summons No.		-		134	02						
		194. Charge		-		195. Summons No.		-		196. Charge		-		197. Summons No.		-		198. Charge		-		199. Summons No.		-		200. Charge		-		201. Summons No.		-		202. Charge		-		203. Summons No.		-									
		204. Charge		-		205. Summons No.		-		206. Charge		-		207. Summons No.		-		208. Charge		-		209. Summons No.		-		210. Charge		-		211. Summons No.		-		212. Charge		-		213. Summons No.		-									
		214. Charge		-		215. Summons No.		-		216. Charge		-		217. Summons No.		-		218. Charge		-		219. Summons No.		-		220. Charge		-		221. Summons No.		-		222. Charge		-		223. Summons No.		-									
		224. Charge		-		225. Summons No.		-		226. Charge		-		227. Summons No.		-		228. Charge		-		229. Summons No.		-		230. Charge		-		231. Summons No.		-		232. Charge		-		233. Summons No.		-									
		234. Charge		-		235. Summons No.		-		236. Charge		-		237. Summons No.		-		238. Charge		-		239. Summons No.		-		240. Charge		-		241. Summons No.		-		242. Charge		-		243. Summons No.		-									
		244. Charge		-		245. Summons No.		-		246. Charge		-		247. Summons No.		-		248. Charge		-		249. Summons No.		-		250. Charge		-		251. Summons No.		-		252. Charge		-		253. Summons No.		-									
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		274. Charge		-		275. Summons No.		-		276. Charge		-		277. Summons No.		-		278. Charge		-		279. Summons No.		-		280. Charge		-		281. Summons No.		-		282. Charge		-		283. Summons No.		-									
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		384. Charge		-		385. Summons No.		-		386. Charge		-		387. Summons No.		-		388. Charge		-		389. Summons No.		-		390. Charge		-		391. Summons No.		-		392. Charge		-		393. Summons No.		-									
		394. Charge		-		395. Summons No.		-		396. Charge		-		397. Summons No.		-		398. Charge		-		399. Summons No.		-		400. Charge		-		401. Summons No.		-		402. Charge		-		403											

New Jersey Police Crash Investigation Report											Case Number 20027636				Page <u>2</u> of <u>3</u>	
E F G H I J	83	84	85	86	87	88	89	90	91	92	93	94	95	Names & Addresses of Occupants If Deceased, Date & Time of Death		

144. Crash Diagram



Show NORTH by Arrow
(Not to Scale)

SEE NJTR-1B

145. Crash Description/Narrative

Driver of V1 stated that he was conducting a K-Turn on Manchester Road and while he was reversing during the turn, he backed into the front drivers side portion of V2, which was parked curbside and unoccupied, facing east on Manchester Road. Driver of V1 had no complaints of pain nor any signs of injury.

The owner of V2 was notified of the accident.

It should be noted that WOPD Officer Risteski #292 was on Westminster Terrace and observed the accident take place. His description of the accident concurred with the Driver of V1's.

146. Officer's Signature HAMILTON, JOHN	147. Badge # 389	148. Reviewer SQUIRES,BRAD	Badge # 217	149. Case Status ☐ Pending ☒ Complete
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New Jersey Police Crash Investigation Report
Motor Vehicle Crash Diagram

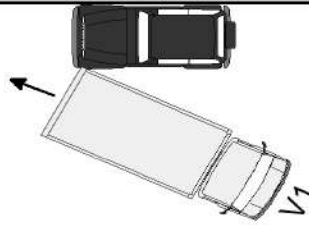
Police Dept: WEST ORANGE Code: 01
Station: - Case No: 20027636

144 Crash Diagram (NOT TO SCALE)

○ Indicate
North

Westminster Terrace

V2



Manchester Road

NOT TO SCALE

HAMILTON, JOHN

389

96	05	Page 1 of 3		☐ Fatal		New Jersey Police Crash Investigation Report										☒ Reportable		☐ Non-Reportable		☐ Change Report		118a	02				
97	01	1. Case Number		19043782										10. Crash Occurred On:		GILBERT PL		S		11. Speed Limit		25		118b	-		
98	01	2. Police Dept. of		Code		WEST ORANGE		01		300		☐ At Intersection with		☒ Feet		☒ N		☐ E		12. Route No.		Suffix		13. Milepost		119a	25
99	07	3. Station/Precinct		-		-		-		14		15		16		of: CLUB BLVD		18. Speed Limit		25		119b	-				
100a	01	4. Date of Crash		mm dd yy		5. Day of Week		Su Mo Tu We Th Fr Sa		6. Time (use 2400 hrs.)		7. Municipality Code		8. Total Killed		9. Total Injured		21. Latitude		20 Route Name/Route No.		22. Longitude		120a	01		
100b	04	23. Veh. #		24. Policy No.		B831923-8		25. NJ Ins. Code		426		53. Veh. #		54. Policy No.		4374610725		55. NJ Ins. Code		100		120b	-				
101	02	26. Driver's First Name		Initial		Last Name		29. Sex		F		56. Driver's First Name		Initial		Last Name		59. Sex		M		121a	01				
102	02	27. Number & Street		1 LINDEN AVE		28. City		State		Zip		07052		58. City		State		Zip		07052		121b	-				
103	01	30. Eyes		DL Class		Restrictions		Endorsements		31. State		NJ		60. Eyes		DL Class		Restrictions		Endorsements		61. State		122	09		
104	02	32. Driver's License Number		JOO73		42061		57751		33. DOB		mm dd yy		34. Expires		mm dd yy		62. Driver's License Number		O1057		78586		05932		123	10
105	06	35. Owner's First Name		Initial		Last Name		JACOBS CONSTRUCTION CO		65. Owner's First Name		Initial		Last Name		66. Number & Street		67. City		State		Zip		124	11		
106	-	36. Number & Street		1 LINDEN AVE		37. City		State		Zip		07052		68. Make		69. Model		70. Color		71. Year		72. Plate No.		73. State		125	11
107	-	38. Make		HONDA		39. Model		ODY		40. Color		GN		41. Year		2006		42. Plate No.		B99DUJ		43. State		NJ		126a	28
108	01	44. VIN		5 F N R L 3 8 7 5 6 B 1 2 1 5 6 8		45. Expires		12/20		74. VIN		1 H G C M 5 6 7 6 6 A 1 4 3 6 3 8		75. Expires		02/20		126b		-		126c	-				
109	01	46. Vehicle Removed to:		-		47. Authority		☐ Owner ☒ Driver ☐ Police		48. Alcohol Drug Test		Given: ☒ No ☐ Yes ☐ Refused		Type: ☐ Breath ☐ Blood ☐ Urine		Results: 0. - - % ☐ Pending		49. Hazardous Material		☐ None ☐ On Board ☐ Spill		Hazard Class		Placard No.		126d	-
110	01	50. Carrier No.		☐ USDOT ☐ MC/MX		51. GVWR / GCWR		(trucks & buses only)		52. Motor Carrier or Government Entity		-		53. Number & Street		-		54. City		State		Zip		126e	28		
111	01	55. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		56. Motor Carrier or Government Entity		-		57. Number & Street		-		58. City		State		Zip		127a		26					
112	-	59. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		60. Motor Carrier or Government Entity		-		61. Number & Street		-		62. City		State		Zip		127b		-					
113	-	63. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		64. Motor Carrier or Government Entity		-		65. Number & Street		-		66. City		State		Zip		127c		-					
114	-	67. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		68. Motor Carrier or Government Entity		-		69. Number & Street		-		70. City		State		Zip		127d		-					
115	-	71. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		72. Motor Carrier or Government Entity		-		73. Number & Street		-		74. City		State		Zip		127e		26					
116	03	75. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		76. Motor Carrier or Government Entity		-		77. Number & Street		-		78. City		State		Zip		128		26					
117	03	79. GVWR / GCWR		☐ ≤ 10,000 lbs. ☐ 10,001 - 26,000 lbs. ☐ ≥ 26,001 lbs.		80. Motor Carrier or Government Entity		-		81. Number & Street		-		82. City		State		Zip		129		04					
		135. Damage to Other Property		☐ Yes (If Yes, describe) ☒ No		-		136. Charge		-		137. Summons No.		-		138. Charge		-		139. Summons No.		-		130	04		
		140. Charge		-		141. Summons No.		-		142. Charge		-		143. Summons No.		-		144. Charge		-		-		131	11		
		145. Charge		-		146. Summons No.		-		147. Charge		-		148. Summons No.		-		149. Charge		-		-		132	11		
		150. Charge		-		151. Summons No.		-		152. Charge		-		153. Summons No.		-		154. Charge		-		-		133	02		
		155. Charge		-		156. Summons No.		-		157. Charge		-		158. Summons No.		-		159. Charge		-		-		134	02		
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		420. Charge		-		421. Summons No.		-		422. Charge		-		423. Summons No.		-		424. Charge		-		-					
		425. Charge		-		426. Summons No.		-		427. Charge		-		428. Summons No.		-		429. Charge		-		-					
		430. Charge		-		431. Summons No.		-		432. Charge		-		433. Summons No.		-		434. Charge		-		-					
		435. Charge		-		436. Summons No.		-		437. Charge		-		438. Summons No.		-		439. Charge		-							

New Jersey Police Crash Investigation Report											Case Number 19043782				Page <u>2</u> of <u>3</u>	
E F G H I J	83	84	85	86	87	88	89	90	91	92	93	94	95	Names & Addresses of Occupants If Deceased, Date & Time of Death		

144. Crash Diagram

Show NORTH by Arrow
(Not to Scale)

SEE NJTR-1B

145. Crash Description/Narrative

Driver (1) reports that while attempting to park her vehicle (1) on Gilbert Place, her vehicle (1) struck vehicle (2) while vehicle (2) was parked and occupied.

Driver (2) reports while parked on Gilbert Place, his vehicle (2) was struck by vehicle (1).

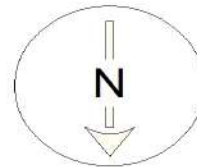
146. Officer's Signature CARROLL, DANIEL V	147. Badge # 178	148. Reviewer SMARSH,SCOTT	Badge # 161	149. Case Status ☐ Pending ☒ Complete
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New Jersey Police Crash Investigation Report
Motor Vehicle Crash Diagram

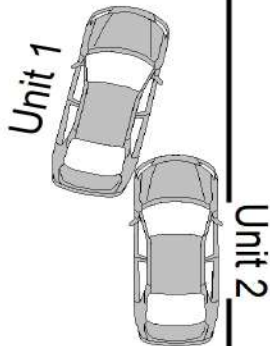
Police Dept: WEST ORANGE Code: 01
Station: - Case No: 19043782

144 Crash Diagram (NOT TO SCALE)

○ Indicate
North



NOT TO SCALE



Gilbert Place

CARROLL, DANIEL V

178

96	05	Page 1 of 3		☐ Fatal		New Jersey Police Crash Investigation Report										☒ Reportable		☐ Non-Reportable		☐ Change Report		118a	02																																
97	01	1. Case Number		19024549										10. Crash Occurred On:		DEVON DR		N		11. Speed Limit		25		12. Route No.		Suffix		13. Milepost		18. Speed Limit		118b	-																						
98	01	2. Police Dept. of		Code		WEST ORANGE		01		25		☐ At Intersection with		☐ Feet		☐ E		of: MOUNTAIN WAY		19. To:		17. Cross Road Name/Route No.		☐ NB		☐ EB		119a	-																										
99	07	3. Station/Precinct		-		-		-		14		☒ Miles		☒ S		☐ W		19. From:		-		-		☐ SB		☐ WB		119b	-																										
100a	01	4. Date of Crash		mm dd yy		07 12 19		5. Day of Week		Su Mo Tu We Th Fr Sa		6. Time (use 2400 hrs.)		12 16		7. Municipality Code		07 22		8. Total Killed		-		9. Total Injured		-		21. Latitude		20 Route Name/Route No.		22. Longitude		120a	01																				
100b	05	23. Veh. #		24. Policy No.		01		4212-09-39-28		25. NJ Ins. Code		148		53. Veh. #		-		54. Policy No.		-		55. NJ Ins. Code		-		-		-		-		120b	-																						
101	02	26. Driver's First Name		Initial		Last Name		PRICILLA		-		SARAF		29. Sex		F		56. Driver's First Name		Initial		Last Name		-		-		59. Sex		-		121a	-																						
102	01	27. Number & Street		119 COLES STREET		-		-		-		-		57. Number & Street		-		-		-		-		-		-		-		121b	-																								
103	01	28. City		State		Zip		JERSEY CITY		NJ		07302		58. City		-		State		-		Zip		-		-		-		122	01																								
104	01	30. Eyes		DL Class		Restrictions		Endorsements		31. State		NJ		60. Eyes		-		DL Class		-		Restrictions		-		Endorsements		61. State		-		123	-																						
105	15	32. Driver's License Number		S0533		63374		62812		33. DOB		mm dd yy		12 06 81		34. Expires		mm yy		01 20		62. Driver's License Number		-		-		63. DOB		mm dd yy		-		124	11																				
106	-	35. Owner's First Name		Initial		Last Name		EKLAVYA SARAF		65. Owner's First Name		Initial		Last Name		-		-		-		-		-		-		-		-		125	-																						
107	-	36. Number & Street		119 COLES STREET		-		-		66. Number & Street		-		-		-		-		-		-		-		-		-		126a	99																								
108	04	37. City		State		Zip		JERSEY CITY		NJ		07302		67. City		-		State		-		Zip		-		-		-		126b	-																								
109	-	38. Make		39. Model		40. Color		41. Year		42. Plate No.		43. State		68. Make		-		69. Model		-		70. Color		-		71. Year		72. Plate No.		73. State		126c	-																						
110	01	44. VIN		5 F N Y F 6 H 5 4 K B 0 2 3 0 3 2		45. Expires		12/22		74. VIN		-		-		-		-		-		-		-		-		75. Expires		-- --		126d	-																						
111	-	46. Vehicle Removed to:		-		-		-		76. Vehicle Removed to:		-		-		-		-		-		-		-		-		-		126e	39																								
112	-	47. Authority		☒ Driven		☐ Towed Disabled		☐ Towed Disabled & Impounded		77. Authority		☐ Driven		☐ Towed Disabled		☐ Towed Disabled & Impounded		127a		-		-		-		-		-		127b	-																								
113	-	48. Alcohol Drug Test		Given: ☒ No		☐ Yes		☐ Refused		Type: ☐ Breath		☐ Blood		☐ Urine		Results: 0. - - - %		☐ Pending		79. Hazardous Material		☐ None		☐ On Board		☐ Spill		-		127c	-																								
114	-	49. Hazardous Material		☐ None		☐ On Board		☐ Spill		50. Carrier No.		☐ USDOT		-		☐ None		51. GVWR / GCWR		(trucks & buses only)		☐ ≤ 10,000 lbs.		☐ 10,001 - 26,000 lbs.		☐ ≥ 26,001 lbs.		80. Carrier No.		☐ USDOT		-		☐ None		81. GVWR / GCWR		(trucks & buses only)		☐ ≤ 10,000 lbs.		☐ 10,001 - 26,000 lbs.		☐ ≥ 26,001 lbs.		127d	-								
115	-	52. Motor Carrier or Government Entity		-		-		-		53. Motor Carrier or Government Entity		-		-		-		54. Motor Carrier or Government Entity		-		-		-		-		-		-		127e	-																						
116	01	55. Number & Street		-		-		-		56. Number & Street		-		-		-		57. Number & Street		-		-		-		-		-		-		128	39																						
117	-	58. City		State		Zip		-		59. City		-		State		-		60. City		State		Zip		-		-		-		-		129	12																						
135. Damage to Other Property ☐ Yes (If Yes, describe) ☒ No																												130		12																									
-																												131		-																									
-																												132		-																									
-																												133		03																									
Oper. 136. Charge																												137. Summons No.		Oper. 138. Charge		139. Summons No.		134		-																			
Oper. 140. Charge																												141. Summons No.		Oper. 142. Charge		143. Summons No.		-		-																			
A																												83		84		85		86		87		88		89		90		91		92		93		94		95		Names & Addresses of Occupants If Deceased, Date & Time of Death	
B																												01		01		01		-		37		F		-		-		-		11		04		-		-		PRICILLA SARAF 119 COLES STREET JERSEY CITY NJ 07302	
C																												01		05		01		-		37		M		-		-		-		04		04		-		-		EKLAVYA SARAF 119 COLES STREET JERSEY CITY NJ 07302	
D																												01		06		01		-		01		F		-		-		-		06		06		-		-		AMALIA SARAF 119 COLES STREET JERSEY CITY NJ 07302	
D																												01		04		01		-		03		M		-		-		-		06		06		-		-		OSCAR SARAF 119 COLES STREET JERSEY CITY NJ 07302	

New Jersey Police Crash Investigation Report											Case Number 19024549				Page <u>2</u> of <u>3</u>	
E F G H I J	83	84	85	86	87	88	89	90	91	92	93	94	95	Names & Addresses of Occupants If Deceased, Date & Time of Death		

144. Crash Diagram

Show NORTH by Arrow
(Not to Scale)

SEE NJTR-1B

145. Crash Description/Narrative

Driver 1 stated that she was traveling North on Devon Drive through Construction Area when she struck a NJ American Water T Bar sticking up out of roadway that shuts the water valves on and off. NJ American Water was working in the area and area was properly coned, roadway was closed with signage and flag men were in the area. No injuries were reported crash was minor in nature.

146. Officer's Signature BODE, STEVEN A	147. Badge # 187	148. Reviewer SMARSH,SCOTT	Badge # 161	149. Case Status ☐ Pending ☒ Complete
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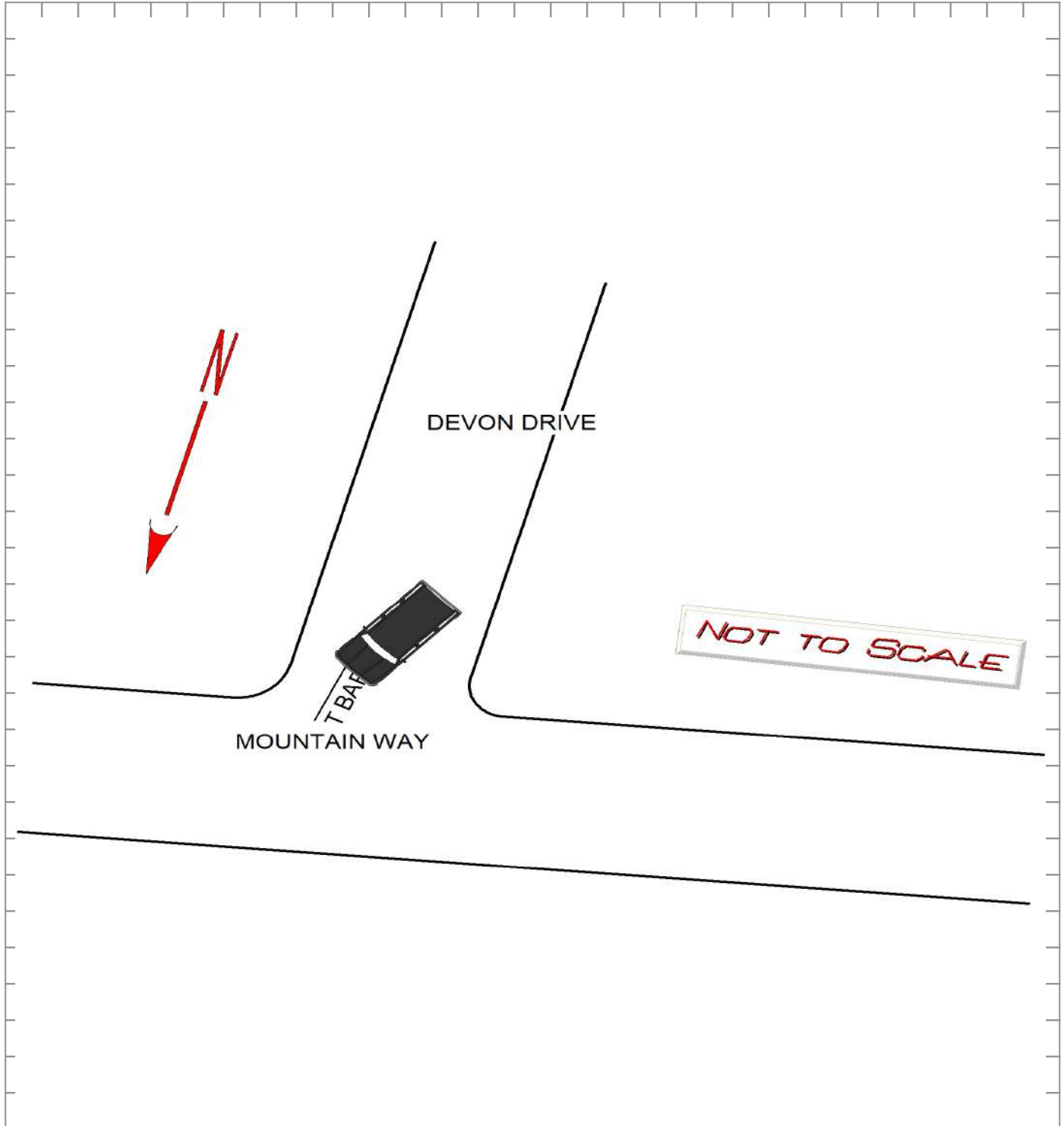
New Jersey Police Crash Investigation Report
Motor Vehicle Crash Diagram

Police Dept: WEST ORANGE Code: 01
Station: - Case No: 19024549

144 Crash Diagram (NOT TO SCALE)



Indicate
North



BODE, STEVEN A

187

96	05	Page 1 of 2 ☐ Fatal New Jersey Police Crash Investigation Report ☒ Reportable ☐ Non-Reportable ☐ Change Report																		118a	06									
97	01	1. Case Number 2022-001809		10. Crash Occurred On: BROOK PLACE S 11. Speed Limit 25										118b		--														
98	06	2. Police Dept. of WEST ORANGE Code 01		12. Route No. MT. PLEASANT PL. 13. Milepost 25										119a		25														
99	07	3. Station/Precinct		14. ☐ At Intersection with ☒ Feet ☐ Miles 15. ☐ N ☐ E ☐ S ☐ W 16. Of: MT. PLEASANT PL.										119b		--														
100a	01	4. Date of Crash mm dd yy 02/03/22		5. Day of Week THU		6. Time (use 2400 hrs.) 1721		7. Municipality Code 0722		8. Total Killed		9. Total Injured 0		17. Cross Road Name/Route No.		19. ☐ To: ☐ From: 20. Route Name/Route No. ☐ NB ☐ EB ☐ SB ☐ WB		120a		00										
100b	04	23. Veh. # 01		24. Policy No.		25. NJ Ins. Code		53. Veh. # 02		54. Policy No. 954014143		55. NJ Ins. Code 134		21. Latitude		22. Longitude		120b		--										
101	02	☐ Parked ☐ Ped ☐ Pedalcyclist ☐ Resp. to Emergency ☒ Hit & Run		26. Driver's First Name Initial		Last Name		29. Sex		56. Driver's First Name Initial		Last Name		59. Sex		23. Veh. #		121a		--										
102	02	HIT & RUN		26. Driver's First Name Initial		Last Name		29. Sex		56. Driver's First Name Initial		Last Name		59. Sex		23. Veh. #		121b		--										
103	02	27. Number & Street		27. Number & Street		27. Number & Street		27. Number & Street		27. Number & Street		27. Number & Street		27. Number & Street		27. Number & Street		122		00										
104	02	28. City		28. City		28. City		28. City		28. City		28. City		28. City		28. City		123		10										
105	00	30. Eyes		DL Class		Restrictions		Endorsements		31. State		60. Eyes		DL Class		Restrictions		Endorsements		61. State										
106	00	32. Driver's License Number		33. DOB mm dd yy		34. Expires mm yy		62. Driver's License Number		63. DOB mm dd yy		64. Expires mm yy		35. Owner's First Name Initial		Last Name		65. Owner's First Name Initial		Last Name										
107	02	36. Number & Street		36. Number & Street		36. Number & Street		36. Number & Street		36. Number & Street		36. Number & Street		36. Number & Street		36. Number & Street		36. Number & Street		125										
108	00	37. City		37. City		37. City		37. City		37. City		37. City		37. City		37. City		37. City		126a										
109	01	38. Make		39. Model		40. Color		41. Year		42. Plate No.		43. State		68. Make		69. Model		70. Color		71. Year										
110	00	44. VIN		45. Expires		74. VIN		75. Expires		46. Vehicle Removed to:		76. Vehicle Removed to:		47. Authority		77. Authority		48. Alcohol Drug Test		49. Hazardous Material										
111	01	☒ Driven ☐ Towed Disabled ☐ Towed Disabled & Impounded		☐ Left at Scene ☐ Towed Impounded		☒ Driven ☐ Towed Disabled ☐ Towed Disabled & Impounded		☐ Left at Scene ☐ Towed Impounded		☒ Owner ☐ Driver ☐ Police		☐ Owner ☐ Driver ☒ Police		50. Carrier No.		51. GVWR / GCWR (trucks & buses only)		52. Motor Carrier or Government Entity		53. Motor Carrier or Government Entity										
112	00	48. Alcohol Drug Test		49. Hazardous Material		78. Alcohol Drug Test		79. Hazardous Material		50. Carrier No.		51. GVWR / GCWR (trucks & buses only)		52. Motor Carrier or Government Entity		53. Motor Carrier or Government Entity		54. Motor Carrier or Government Entity		55. Motor Carrier or Government Entity										
113	--	50. Carrier No.		51. GVWR / GCWR (trucks & buses only)		80. Carrier No.		81. GVWR / GCWR (trucks & buses only)		52. Motor Carrier or Government Entity		53. Motor Carrier or Government Entity		54. Motor Carrier or Government Entity		55. Motor Carrier or Government Entity		56. Motor Carrier or Government Entity		57. Motor Carrier or Government Entity										
114	00	52. Motor Carrier or Government Entity		53. Motor Carrier or Government Entity		54. Motor Carrier or Government Entity		55. Motor Carrier or Government Entity		56. Motor Carrier or Government Entity		57. Motor Carrier or Government Entity		58. Motor Carrier or Government Entity		59. Motor Carrier or Government Entity		60. Motor Carrier or Government Entity		61. Motor Carrier or Government Entity										
115	--	54. Motor Carrier or Government Entity		55. Motor Carrier or Government Entity		56. Motor Carrier or Government Entity		57. Motor Carrier or Government Entity		58. Motor Carrier or Government Entity		59. Motor Carrier or Government Entity		60. Motor Carrier or Government Entity		61. Motor Carrier or Government Entity		62. Motor Carrier or Government Entity		63. Motor Carrier or Government Entity										
116	00	56. Motor Carrier or Government Entity		57. Motor Carrier or Government Entity		58. Motor Carrier or Government Entity		59. Motor Carrier or Government Entity		60. Motor Carrier or Government Entity		61. Motor Carrier or Government Entity		62. Motor Carrier or Government Entity		63. Motor Carrier or Government Entity		64. Motor Carrier or Government Entity		65. Motor Carrier or Government Entity										
117	01	58. Motor Carrier or Government Entity		59. Motor Carrier or Government Entity		60. Motor Carrier or Government Entity		61. Motor Carrier or Government Entity		62. Motor Carrier or Government Entity		63. Motor Carrier or Government Entity		64. Motor Carrier or Government Entity		65. Motor Carrier or Government Entity		66. Motor Carrier or Government Entity		67. Motor Carrier or Government Entity										
135. Damage To Other Property ☐ Yes (if Yes, describe) ☒ No																						133		00						
136. Charge																						137. Summons No.		138. Charge		139. Summons No.		134		03
140. Charge																						141. Summons No.		142. Charge		143. Summons No.		134		03
Names & Addresses of Occupants If Deceased, Date & Time of Death																						134		03						
83 84 85 86 87 88 89 90 91 92 93 94 95																						134		03						
A																						134		03						
B																						134		03						
C																						134		03						
D																						134		03						

New Jersey Police Crash Investigation Report												Case Number 2022-001809			Page 2 of 2	
	83	84	85	86	87	88	89	90	91	92	93	94	95	Names & Addresses of Occupants If Deceased, Date & Time of Death		
E	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
F	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
G	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
H	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
I	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
J	--	--	--	--	--	--	--	--	--	--	--	--	--	--		

144. Crash Diagram



Show NORTH by Arrow
(Not to Scale)



145. Crash Description/ Narrative

Owner of V2 stated she left her vehicle parked facing South Bound across from 26 Brook Place. She returned to her vehicle to find the drivers side door damaged.

Investigation shows that V1 was driving suspected North Bound by parked and unoccupied V2 making contact on the drivers side door of V2 causing moderate damage.

It should be noted that there is a ring doorbell fixated to 26 Brook Place, negative results trying to raise the residents.

146. Officer's Signature Patrol Officer NICHOLAS GRANDE 	147. Badge # 409	148. Reviewer Sergeant BRAD D. SQUIRES 	Badge # 217	149. Case Status COMPLETE
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Brandon Santos

From: Zayibeth Carballo
Sent: Thursday, October 17, 2024 6:10 PM
To: Taylor, Trevor
Cc: Hess, John; gvalesi@cmeusa1.com; Glenn McCarthy; Brandon Santos
Subject: REVISION TO RFP-WEST ORANGE STOP ANALYSIS & ALL WAY STOP AT VARIOUS LOCATIONS

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Trevor,

Please add the following intersection to **Part II-All Way Stop Analysis:**

- **Dartmouth Rd and Winding Way**

Thank you,



Zayibeth Carballo, PE,PLS,PP,CME,CFM,CFS

Director, Municipal Engineer
Department of Engineering
Township of West Orange
25 Lakeside Avenue
West Orange, NJ 07052
Phone/Fax: (973) 325-4165
zcarballo@westorange.org
www.westorange.org



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From: Zayibeth Carballo
Sent: Tuesday, October 8, 2024 7:13 PM
To: Taylor, Trevor <trevort@cmeusa1.com>
Cc: Hess, John <jhess@cmeusa1.com>; gvalesi@cmeusa1.com; Glenn McCarthy <GMcCarthy@westorange.org>; Brandon Santos <bsantos@westorange.org>
Subject: RFP-WEST ORANGE STOP ANALYSIS & ALL WAY STOP AT VARIOUS LOCATIONS

Hi Trevor,

Attached please find RFP for Professional Services.

Please response that you have receive request and don't hesitate to contact us if you have any questions



Zayibeth Carballo, PE,PLS,PP,CME,CFM,CFS

Director, Municipal Engineer

Department of Engineering

Township of West Orange

25 Lakeside Avenue

West Orange, NJ 07052

Phone/Fax: (973) 325-4165

zcarballo@westorange.org

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Bright View Engineering
Moving you forward

October 18, 2024

VIA EMAIL

zcarballo@westorange.org

Zayibeth Carballo, PE, PLS, PP, CME, CFM, CFS
Director / Municipal Engineer
Department of Engineering
Township of West Orange
25 Lakeside Avenue
West Orange, New Jersey 07052
973-325-4165

Re: Request for Proposals, Professional Engineering Services For:
Stop Control and All Way Stop Analysis
West Orange Township, Essex County, New Jersey
BVE Prop# 241193

Dear Ms. Carballo:

Thank you for the opportunity to provide this Proposal for Professional Traffic Engineering Services relating to evaluating fourteen intersections within the Township of West Orange to recommend the installation of stop signs if appropriate as well as performing All-Way stop analyses at three locations. This proposal is based on our review of the provided request for proposals and our experience providing these services. Due to our familiarity with West Orange Township and Essex County as a whole, we are confident that we can provide responsive services at a competitive cost.

The following scope of work has been separated into phases so that it can be more easily reviewed. The order in which the phases are presented generally follows the sequence in which the work will be accomplished.

Section I – Scope of Services
Section II – Business Terms and Conditions
Section III – Technical Staff Hourly Rate Schedule and Reimbursable Expenses
Section IV – Client Contract Authorization

70 South Orange Avenue, Suite 109
Livingston, New Jersey 07039

C: (732) 236-7557 T: (973) 228-0999 F: (201) 753-3904
BrightViewEngineering.com

P.O. Box 99
Roseland, NJ 07068



SECTION I – SCOPE OF SERVICES

TASK 1 – STOP CONTROL ANALYSES

Consistent with the information requested in the RFP, BVE will conduct an evaluation of the following intersections to determine if the addition of stop control is appropriate:

1. Lancaster Terrace & Manchester Road
2. Manchester Road & Westminster Terrace
3. Normandy Terrace & Manchester Road
4. Cheshire Terrace & Nottingham Road
5. Devonshire Terrace & Nottingham Road
6. Nottingham Road & Normandy Terrace
7. Westminster Terrace & Nottingham Road
8. Brook Place & Mount Pleasant Place
9. Vosseler Court & Vosseler Terrace
10. Sylvan Place & Burnett Terrace
11. Gilbert Place & Bradford Avenue
12. Devon Drive & Mountain Way
13. Mountain Way South & Mountain Way
14. Cullen Drive & Carson Road

Based on our preliminary review, each intersection is currently uncontrolled. Our efforts will include a visit to each location to confirm existing conditions and note any deficiencies which should be addressed prior to any changes in traffic control, such as sight distance obstructions or signing /striping revisions. Our evaluation will include a short letter report detailing the existing conditions and our recommendations as appropriate in accordance with Section 2B.07 and other applicable sections of the MUTCD. A separate report will be prepared for each intersection.



TASK 2 – ALL WAY STOP ANALYSES

Consistent with the information requested in the RFP, an All-Way stop analysis will be completed at the following intersections to determine the most appropriate traffic control measures. Specifically, the following intersections will be analyzed:

1. Lowell Ave, Mountain Way & Luddington Rd
2. Mississippi Ave & Maple St
3. Dartmouth Rd & Winding Way

To accomplish this, BVE will undertake the following tasks:

1. Conduct a field visit to evaluate existing intersection geometry, observe traffic patterns, review available sight distance and identify other deficiencies within the study area.
2. Review existing crash history based on information available from NJDOT's Safety Voyager system as well as crash reports provided by West Orange Township.
3. Perform intersection turning movement counts at the intersection from 6:00 AM to 7:00 PM on a mid-week weekday (Tuesday, Wednesday or Thursday) when schools are in regular session to establish existing intersection volumes.
4. Conduct an All-Way stop warrant analysis in accordance with section 2B.12 of the 11th Edition of the MUTCD.
5. Perform peak hour level of service analysis for the intersection under existing conditions and with any recommended changes.
6. Prepare a report of findings for each intersection which will include information reviewed, results of the All-Way stop analysis and a recommendation for next steps.
7. Attendance at one in person or virtual meeting with the Township to discuss the findings of the reports identified above.

SCHEDULE

Work will begin upon notice to proceed; we anticipate providing our findings within four weeks of the start of work, provided notice to proceed permits traffic counts to be scheduled within one week of notice to proceed.



MEETINGS AND ADDITIONAL SERVICES

ALL additional meetings (except the meeting identified above) and additional services requested by you will be billed at our standard rates as outlined in our Business Terms and Conditions. This includes preparation of additional access concepts and/or analysis and the development of additional reports if required.

Attendance at Planning/Zoning Board meetings and other public meetings where expert testimony is required will be billed in accordance with the Schedule of Hourly Rates in effect at the time the meetings are held. Attendance at agency and project coordination meetings will be billed in accordance with the Schedule of Hourly Rates in effect at the time the meetings are held. Colored renderings, if requested for Board presentation, and meeting preparation time will be billed on an hourly basis.

Please be reminded that traffic counts must be done when school is in normal session.

SCHEDULE OF FEES

The Fee Proposal includes all of the tasks outlined in the Scope of Services. Based upon the foregoing scope of services and assumption that all services will be awarded for each task as one contract, we offer the following Fee. As you know, we can only estimate the effort needed for this project. If any task should take significantly longer than estimated to perform the services, or if unforeseen conditions occur, we may require additional compensation.

TASK 1 -	Stop Control Analyses (14 Intersections)	\$7,000
	All Way Stop Analyses (3 Intersections)	\$7,800
	Meeting (1)	\$ 800
	GRAND TOTAL	\$15,600

Additional Meetings and Additional Services

HOURLY

The fees above include the completion of services as outlined in the scope of services. Bright View Engineering reserves the right to modify this proposal based upon final acceptance of your office.

This Scope of Service is subject to the terms, conditions and exclusions as noted herein. Hourly Rates and reproduction costs will be in accordance with the attached Schedule of Hourly Rates and fees. If extra services become necessary then Bright View Engineering may prepare an addendum to this agreement for your review, outlining the scope of additional services and associated professional fees with regard to the extra service.



EXCLUSIONS AND UNDERSTANDINGS

Services relating to the following items are not anticipated for the project or cannot be quantified at this time. Therefore, any service associated with the following items is specifically excluded from the scope of professional services within this agreement:

- Services not specifically outlined above in Section I;
- Meetings (1 meeting is included);
- Survey, Base maps, Site Plans, Drainage Calculations;
- Traffic Control Plans for site work / utility connections;
- Comment resolution or comment response;
- Any additional permits requested by any agency;
- All out-of-pocket expenses including, but not limited to, application fees, permit fees laboratory testing costs, mylar copies, certified mailings, photographs, blueprints, and special deliveries will be charged at cost and passed on to you for payment.

If an item listed herein, or otherwise not specifically mentioned within this agreement, is deemed necessary Bright View may prepare an addendum to this agreement for your review, outlining the scope of additional services and associated professional fees with regard to the extra services.



SECTION II – BUSINESS TERMS AND CONDITIONS

Bright View Engineering LLC agrees to provide professional services under the following terms and conditions:

The term Client referenced herein is the person, persons, corporation, partnership, or organization referenced in the proposal between Bright View Engineering LLC and said Client.

1.0 SCOPE OF SERVICES:

Services not set forth in the Scope of Services, are excluded from the Scope of Services, and Bright View Engineering LLC will assume no responsibility to perform such services under the base contract. In situations where a written contract is not executed or where additional services becomes necessary during the course of the project, Bright View Engineering LLC may provide such services using our Technical Staff Hourly Rate Schedule in effect at the time of services. The hourly rates listed in our Technical Staff Hourly Rate Schedule are adjusted semi-annually and the Client shall be billed at the rates that are in effect at the time of service.

Since there are substantial costs to stop and restart a project once it is underway, should a project's progress be halted at any time by the client, for any reason, Bright View Engineering LLC reserves the right to charge a restart fee and/or to renegotiate the remaining fees within the contract.

These Business Terms and Conditions are applicable for any additional professional services rendered for this project including, but not limited to, change orders, client service authorization forms, etc.

2.0 STANDARD OF CARE:

In performing services, we agree to exercise professional judgment, made on the basis of the information available to us, and to use the same degree of care and skill ordinarily exercised in similar circumstances and conditions by reputable consultants performing comparable services in the same locality. This standard of care shall be judged as of the time the services are rendered, and not according to later standards. Reasonable people may disagree on matters involving professional judgment and, accordingly, a difference of opinion on a question of professional judgment shall not excuse a Client from paying for services rendered. NO OTHER REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

3.0 INVOICES:

Bright View Engineering LLC bills its Clients on a monthly basis using a standard invoice format. This format provides for a description of services performed and a summary of professional fees, expenses, and other charges. For more detailed invoicing requests, Bright View Engineering LLC reserves the right to charge for invoice preparation time by staff members. Monthly invoices will be submitted based upon percentage of services completed and reimbursable expenses. Any comments or discrepancies, relative to invoices shall be submitted in writing within fourteen (14) days or the account will be considered correct.

For professional services billed on an hourly basis, Bright View Engineering LLC reserves the right to invoice all overtime services performed by our employees using our Technical Staff Hourly Rate Schedule in effect at the time of services at ONE AND ONE-HALF TIMES our standard hourly rate for those employees.

Expenses incurred for services, equipment, and facilities not furnished by Bright View Engineering LLC are charged to the Client at cost plus an up charge not to exceed 15 percent of the invoice for said services.

Client shall pay Bright View Engineering LLC for reimbursable expenses, including, but not limited to, application fees, printing and reproduction, courier and express delivery service, special/overnight mailings, facsimile transmissions, specialized equipment and laboratory charges, and costs of acquiring materials specifically for the Client. Reimbursable charges will be added to each monthly invoice and are part of Client's responsibility.

4.0 PAYMENT:

Bright View Engineering LLC bills are payable in full UPON RECEIPT and **payment is expected within thirty (30) days**. We reserve the right to assess a late charge of 1.5 percent per month for any amounts not paid within 45 days of the billing date. In the event payment is not made according to the terms and conditions herein, the matter may proceed to a collections agency or to an attorney for collection. Client shall be responsible for fees charged by the collections agency and/or attorney's fees incurred to collect the monies owed. Should the matter proceed to court, client shall also be responsible for court costs.

In addition, where payment is not received in accordance with the terms of this contract, Bright View Engineering LLC reserves the right to withdraw any applications too federal, state, or local regulatory agencies / boards filed on behalf of the client with the understanding that these applications are the property of Bright View Engineering LLC. Bright View Engineering LLC will provide you with written notification two (2) weeks prior to taking any action to withdraw an application submitted on behalf of the client. If payment of all outstanding invoices is not received within two (2) weeks of receipt of this letter, Bright View Engineering LLC will withdraw all pending applications for the project.

5.0 RETAINER:

Bright View Engineering LLC reserves the right to request a retainer from the Client prior to the commencement of services on a project. While retainers are collected prior to the start of a project, the retainer is held to the end of the project and will be applied to the final invoices. Retainers are not applied to the beginning of the project.

6.0 RIGHT OF ENTRY/JOBSITE:

Client will provide for right of entry for Bright View Engineering LLC personnel and equipment necessary to complete our services. While Bright View Engineering LLC will take all reasonable precautions to minimize any damage to the property, it is understood by the Client that in the normal course of our services some damage may occur, the correction of which is not part of this Agreement.

Client shall furnish or cause to be furnished to Bright View Engineering LLC all documents and information known to the Client that relate to the identity, location, quantity, nature, or characteristics of any hazardous or toxic substances at, on, or under the site. In addition, the Client will furnish or cause to be furnished such other information on surface and subsurface site conditions required by Bright View Engineering LLC for proper performance of its services. Bright View Engineering LLC shall be entitled to rely on the accuracy and completeness of Client provided documents and information in performing the services required under this Agreement and Bright View Engineering LLC assumes no responsibility or liability for their accuracy or completeness.

Bright View Engineering LLC will not direct, supervise, or control the work of Client's contractors or their subcontractors. Bright View Engineering LLC shall not have authority over or responsibility for the construction means, methods, techniques, sequences, or procedures and Bright View Engineering LLC's services will not include a review or evaluation of the contractors (or subcontractor's) safety precautions, programs or measures.



Request for Proposals: Stop Control and All Way Stop Analysis
West Orange Township, Essex County, New Jersey
BVE Prop# 241193
October 18, 2024
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Bright View Engineering LLC shall be responsible only for its activities and that of its employees on any site. Neither the professional activities nor the presence of Bright View Engineering LLC or its employees or subcontractors on a site shall imply that Bright View Engineering LLC controls the operations of others, nor shall this be construed to be an acceptance by Bright View Engineering LLC of any responsibility for jobsite safety.

7.0 UTILITIES:

In the execution of our services, Bright View Engineering LLC will take reasonable precautions in accordance with the professional standard of care to avoid damage or injury to subterranean structures or utilities. The Client agrees to hold Bright View Engineering LLC harmless and defend and indemnify Bright View Engineering LLC for any claims or damages to subterranean structures or utilities, which have not been marked-out under the One-Call system or are not shown or are incorrectly shown on the plans furnished.

8.0 TERMINATION OR SUSPENSION OF SERVICES:

Should Client fail to make payments when due or is otherwise in material breach of this Agreement, Bright View Engineering LLC at their election may suspend services at any time after PROVIDING WRITTEN NOTICE TO THE CLIENT until payments are brought current. Bright View Engineering LLC shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension and the Client agrees to indemnify and hold Bright View Engineering LLC harmless from any claim or liability resulting from such suspension.

This Agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, Bright View Engineering LLC shall be paid for service performed to the termination notice date plus reasonable termination expenses.

In the event of termination, or suspension for more than three (3) months, prior to completion of all services contemplated by the Agreement, Bright View Engineering LLC may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to the date of notice of termination or suspension. The expenses of termination or suspension shall include all direct costs of Bright View Engineering LLC in completing such analyses, records, and reports.

9.0 SUBCONTRACTORS:

Bright View Engineering LLC prefers that its Clients directly retain other contractors whose services are required in connection with field services for a project (e.g., drillers, analytical laboratories, transporters, etc.), except in unusual circumstances. As a service, we will advise Clients with respect to selecting other such contractors and will assist Clients in coordinating and monitoring their performance. In no event will we assume any liability or responsibility for the work performed by other contractors, or for their failure to perform any work, regardless of whether we hire them directly as subcontractors, or only coordinate and monitor their work. When Bright View Engineering LLC does engage a subcontractor on behalf of the Client, the expenses incurred, including rental of special equipment necessary for the work, will be billed as they are incurred, at cost plus an up-charge not to exceed 20 percent of the invoice. By engaging us to perform services, you agree to defend, indemnify, and hold Bright View Engineering LLC its directors, officers, employees, and other agents harmless from and against any and all claims, losses, liabilities, damages, demands, costs, or judgments arising out of or relating in any way to the performance or non-performance of work by another contractor or subcontractor. In addition, Client agrees to pursue recovery of and assert any claims based upon its loss, expenses and/or damages solely and directly against those contractors or subcontractors. In consideration of such indemnity and waiver, Bright View Engineering LLC agrees to assign its rights and/or claims against those contractors or subcontractors pursuant to the contractors' or subcontractors' agreements with Bright View Engineering LLC to the Client.

10.0 AGREED REMEDY:

Bright View Engineering LLC shall be liable to the Client only for direct damages to the extent caused by Bright View Engineering LLC's negligence in the performance of its services. UNDER NO CIRCUMSTANCES SHALL BRIGHT VIEW ENGINEERING LLC BE LIABLE FOR INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL, OR EXEMPLARY DAMAGES, OR FOR DAMAGES CAUSED BY THE CLIENT'S FAILURE TO PERFORM ITS OBLIGATIONS. With regard to services involving hazardous substances, Bright View Engineering LLC has neither created nor contributed to the creation or existence of any actually or potentially hazardous, radioactive, toxic, or otherwise dangerous substance or condition at any site, and its compensation is in no way commensurate with the potential liability that may be associated with a substance or site.

To the fullest extent permitted by law, the total liability, in the aggregate, of Bright View Engineering LLC and Bright View Engineering LLC's officers, directors, employees, agents and consultants to Client and anyone claiming by, through or under Client, for any and all injuries, claims, losses, expenses, or damages whatsoever arising out of in any way related to Bright View Engineering LLC's services, the Project or this Agreement, from any cause or causes whatsoever, including but not limited to, negligence, strict liability, breach of contract or breach of warranty shall not exceed the total compensation received by Bright View Engineering LLC under this Agreement, not including reimbursable expenses and any sub consultant fees rendered on the project.

It is intended by the parties to this Agreement that Bright View Engineering LLC's services in connection with the project shall not subject Bright View Engineering LLC's individual employees, officers, or directors to any personal legal exposure for the risks associated with this project. Therefore, the Client agrees that as the Client's sole and exclusive remedy, any claim, demand, or suit shall be directed and/or asserted only against Bright View Engineering LLC, a New Jersey corporation, and not against any of Bright View Engineering LLC's employees, officers or directors.

11.0 LIABILITY TO THIRD PARTIES:

The Client agrees to be solely responsible for, and to defend, indemnify, and hold Bright View Engineering LLC harmless from any and all liabilities, claims, damages and costs (including reasonable attorney's fees and defense costs) by third parties arising out of, or in any way related to, our performance or non-performance of services, except claims for personal injury, death, or personal property damage to the extent caused by the sole negligence, gross negligence or willful misconduct of employees of Bright View Engineering LLC

12.0 INDEMNIFICATION:

Bright View Engineering LLC shall maintain, at its own expense, Workers Compensation Insurance, Comprehensive General Liability Insurance, and Professional Liability Insurance at all times and will, upon request, furnish insurance certificates to the Client.

To the fullest extent permitted by law, Client shall indemnify, defend and hold harmless Bright View Engineering LLC and its agents, officers, directors and employees, subcontracts or consultants (herein for the remainder of this section collectively referred to as Bright View Engineering LLC) from and against all claims, damages, losses and expenses, whether direct, indirect or consequential or punitive, including but not limited to fees and charges of attorneys and court and arbitration costs, arising out of or resulting from the services of Bright View Engineering LLC or any claims against Bright View Engineering LLC arising from the acts, omissions or work of others,



Request for Proposals: Stop Control and All Way Stop Analysis
West Orange Township, Essex County, New Jersey

BVE Prop# 241193

October 18, 2024

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unless it is proven in a court of competent jurisdiction that Bright View Engineering LLC is guilty of negligence, gross negligence, or willful misconduct in connection with the services and such negligence, gross negligence, or willful misconduct was the sole cause of the damages, claims, and liabilities.

Client agrees to defend, indemnify and hold harmless Bright View Engineering LLC from and against all claims, damages, losses and expenses, direct or indirect, and consequential damages, including but not limited to fees and charges of attorneys and court, and arbitration costs, brought by any person or entity, or claims against Bright View Engineering LLC which arise out of, are related to, or are based upon, the actual or threatened dispersal, discharge, escape, release, or saturation of smoke, vapors, soot, fumes, acids, alkalis, toxic chemical, radioactive materials, liquids, gases, or any other material, upon it or into the surface or subsurface soil, water or watercourse, objects, or any tangible or intangible matter.

To the fullest extent permitted by law, such indemnification shall apply regardless of the fault, negligence breach of warranty or contract, or strict liability of Bright View Engineering LLC. This indemnification shall not apply to claims, damages, losses, or expenses which are determined by a court of competent jurisdiction to be the sole result of negligence or willful misconduct by Bright View Engineering LLC of obligations under this Agreement.

13.0 ASSIGNS:

The Client may not delegate, assign, sublet, or transfer his duties or interest in the Agreement without written consent of Bright View Engineering LLC. Bright View Engineering LLC shall not, in connection with any such assignment by the Client, be required to execute any documents that in any way might, in the sole judgment of Bright View Engineering LLC, increase Bright View Engineering LLC's contractual or legal obligations or risks, or the availability or costs of its professional or general liability insurance.

The Agreement shall not create any rights or benefits to parties other than the Client and Bright View Engineering LLC, and nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Client or Bright View Engineering LLC. Bright View Engineering LLC's services hereunder are being performed solely for the benefit of the Client, and no other entity shall have any claim against Bright View Engineering LLC because of this Agreement of Bright View Engineering LLC's performance or nonperformance of services hereunder.

14.0 OWNERSHIP AND RESTRICTION ON REUSE OF DOCUMENTS:

All drawings, calculations, reports, plans, specifications, computer files, field data, notes, and other documents and instruments ("Documents") prepared by Bright View Engineering LLC are and remain the property of Bright View Engineering LLC as instruments of service. The Documents may not be copied by the Client or others on extensions of this project or on any other project. The Client agrees not to use Bright View Engineering LLC's Documents for marketing purposes, for projects other than the project for which the Documents were prepared by Bright View Engineering LLC, or for future modifications to this project, without Bright View Engineering LLC's express written permission. Any reuse or distribution to third parties without such express written permission or project-specific adaptation by Bright View Engineering LLC will be at the Client's sole risk and without liability to Bright View Engineering LLC or its employees, subsidiaries, independent professional associates, sub consultants, and subcontractors. The Client shall, to the fullest extent permitted by law, indemnify, defend, and hold harmless Bright View Engineering LLC from and against any and all expenses, fees, demands, liabilities, suits, actions, claims, damages, or losses including attorneys' fees and costs, arising out of, or resulting from such unauthorized distribution or reuse of Documents.

Computer files are not considered part of deliverables unless specifically requested or required by the signed contract. If computer files are required, Bright View Engineering LLC shall provide Client files subject to the following conditions:

The Client must execute our standard Electronic Media Release form prior to any distribution of files. The Client recognizes that data, plans, specifications, reports, documents, or other information recorded on or transmitted as electronic media are subject to undetectable alteration, either intentional or unintentional due to, among other causes, transmission, conversion, media degradation, software error, or human alteration. Accordingly, it is understood that electronic files provided to the Client are for informational purposes only and are not intended as an end-product. Bright View Engineering LLC makes no representation of any warranties, either expressed or implied, regarding the fitness or suitability of the electronic documents. Accordingly, the Client agrees to waive any and all claims against Bright View Engineering LLC and Bright View Engineering LLC's consultants relating in any way to the unauthorized use, reuse or alteration of the electronic documents. Any unlicensed use or reuse of the documents without our written consent will constitute a violation of our copyright. Only original plans and reports of the most recent date bearing the signature and the embossed seal of the professional will be considered documents of record.

Bright View Engineering LLC shall maintain in its storage facility, samples collected as part of their services provided for a period of three (3) months after issuance of final reports. After the three (3) month time limit, all samples will be disposed of in accordance with appropriate regulations at the time. Extended storage of samples can be arranged at an additional cost to be established on a project-by-project basis.

15.0 GENERAL CONDITIONS:

Bright View Engineering LLC shall not be responsible for the delays caused by factors beyond its reasonable control, including but not limited to delay due to accidents, an act of God, fire, hurricane, flood, explosions, strike, boycott or other labor dispute, failure of the Client to furnish timely information or approve or disapprove of Bright View Engineering LLC's services or work product, delays caused by faulty performance by the Client or contractors of any level, or by acts of Government, which, in the opinion of Bright View Engineering LLC, could not have been reasonably foreseen and provided for, such delay will entitle Bright View Engineering LLC to an extension of time in performing its Services. If there is any increase in the total cost of providing Services by reason of any such delay, Bright View Engineering LLC will notify Client of particulars, and Client will pay for such increase. When such delays beyond Bright View Engineering LLC's reasonable control occur, the Client agrees that Bright View Engineering LLC shall not be responsible for damages, nor shall Bright View Engineering LLC be deemed in default of this Agreement.

The fees quoted in this proposal assume that upon authorization, this project will commence through to completion without a stop work order from the Client. Should a stop work order be received from the Client before completion of the project or any task, additional fees may be required to restart the project.

16.0 ENTIRE AGREEMENT:

This Agreement comprises the final and complete Agreement between the Client and Bright View Engineering LLC. It supersedes all prior or contemporaneous communications, representations, or Agreements, whether oral or written, relating to the subject matter of this Agreement. Execution of this Agreement signifies that each party has read the document thoroughly, has had the opportunity to have questions explained by independent counsel and is satisfied with the terms and conditions contained herein. Amendments to this Agreement shall not be binding unless made in writing and signed by both the Client and Bright View Engineering LLC.

To the extent Client provides its own Agreement and that Agreement conflicts with or is silent with respect to any term or condition expressed herein, these conditions shall prevail and shall be binding upon the parties.

70 South Orange Avenue, Suite 109
Livingston, New Jersey 07039

C: (732) 236-7557 T: (973) 228-0999 F: (201) 753-3904
BrightViewEngineering.com

P.O. Box 99
Roseland, NJ 07068



2024 RATE SCHEDULE
TECHNICAL STAFF RATES

BILLING TITLES	HOURLY RATES
Principal	185.00
Senior Technical Director	185.00
Senior Project Professional	175.00
Senior Project Manager	170.00
Project Professional	165.00
Technical Director	160.00
Project Manager	160.00
Senior Project Specialist	155.00
Senior Technical Professional	150.00
Project Specialist	150.00
Senior Technical Specialist	145.00
Technical Professional	140.00
Senior Specialist	135.00
Technical Specialist	135.00
Specialist	120.00
Senior Data Technician	105.00
Senior Technical Assistant	95.00
Technical Assistant	85.00
Data / Field Technician	75.00
Survey Crew – 2 Man	190.00
Survey Crew – 1 Man	160.00
Expert	260.00
Sr. LSRP	235.00
LSRP	200.00

REIMBURSABLE EXPENSES

General Expenses	Cost + 15%
Travel (Hotel, Airfare, Meals)	Cost + 15%
Sub-Consultants/Sub-Contractors	Cost + 15%
Mileage Reimbursement*	0.67 / Per Mile
Plotting	3.50 / Each
Computer Mylars / Color Plots	45.00 / Each
Photo Copies	0.25 / Each
Color Photo Copies	1.50 / Each
Document Binding	3.00 / Each
Compact Disk CD/DVD	75.00 / Each
Exhibit Lamination (24" x 36" or larger)	50.00 / Each

* Mileage reimbursement subject to change based upon IRS standard mileage rate.
RATES ARE EFFECTIVE THROUGH DECEMBER 31, 2024



SECTION IV – CLIENT CONTRACT AUTHORIZATION

I hereby declare that I am duly authorized to sign binding contractual documents. I also declare that I have read, understand, and accept this contract.

Signature

Date

Printed Name

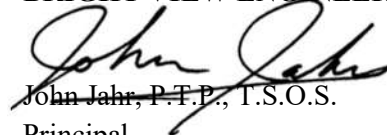
Title

If you find this proposal acceptable, **please sign where indicated above in Section IV, return one signed copy** to this office as a formal notice-to-proceed. Invoices are due within 30 days. This proposal is valid until December 15, 2024.

We appreciate the opportunity of submitting this proposal and look forward to working with you on this project.

Very truly yours,

BRIGHT VIEW ENGINEERING



John Jahr, P.T.P., T.S.O.S.

Principal

(732) 236-7557

jaf:JJJ

<https://bvengr.sharepoint.com/sites/bvengr/proj/241193-WOT-StopControl/1-Proposals/241193-Prop1R1.docx>



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/2/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER DKB Group, LLC 7 Oak PI Ste 8 Montclair NJ 07042		CONTACT NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: RLI Insurance Company	
		INSURER B: Westfield Select Insurance Company	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 1354560989 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☐ ☐ GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC ☐ OTHER:			PSB0007253	10/15/2024	10/15/2025	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	☐ AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY ☐			PSB0007253	10/15/2024	10/15/2025	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☐ UMBRELLA LIAB ☒ OCCUR ☒ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION \$			PSE0003624	10/15/2024	10/15/2025	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below ☐ Y ☒ N ☐ N/A			PSW0004056	10/15/2024	10/15/2025	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B	Professional Liability			ADP-0000149	10/15/2024	10/15/2025	Per Claim Aggregate 2,000,000 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Evidence of Insurance

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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Response to RFP

Professional Engineering Services

For

Stop Control and All Way Stop Analysis at Various Locations



Submitted to:

**Township of West Orange
Department of Engineering
25 Lakeside Avenue
West Orange, NJ 07052**

Attn: Zayibeth Y. Carballo, Director of Engineering/Municipal Engineer

October 25, 2024

Prepared by:



**1904 Main Street
Lake Como, NJ 07719
(732) 681-0760**

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DESCRIPTION

Section 1: Cover Letter

Section 2: Fee Summary and Description of Services

Section 3: Firm Profile

Section 4: Point of Contact and Office Locations

Section 5: Resumes and Professional Licenses

Section 6: Project Experience

Section 7: References

Section 8: Hourly and Reimbursable Rate Schedule

Section 9: Forms

- W-9
- Business Registration Certificate
- Certificate of Employee Information Report
- Certificate of Insurance – For Evidence Only



Dynamic Traffic, LLC
1904 Main Street
Lake Como, NJ
T: 732.681.0760

October 25, 2024

Township of West Orange
Department of Engineering
25 Lakeside Avenue
West Orange, NJ 07052

Attn: Zayibeth Y. Carballo,
Director of Engineering/Municipal Engineer

**RE: Response to Request for Proposals
Professional Engineering Services for
Stop Control & All Way Stop Analysis
At Various Locations**

Dear Zayibeth,

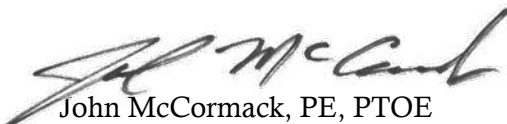
Dynamic Traffic is pleased to provide this response to the Township's request for proposals to provide professional engineering services for stop control and all way stop analysis at various locations within the Township.

Dynamic Traffic, LLC is a traffic engineering and transportation planning consulting firm dedicated to providing our regional clients with full-service solutions for complex engineering and design projects. Our vast transportation planning experience coupled with extensive traffic engineering design capabilities makes Dynamic Traffic the premier choice for identifying improvements to the intersections to ensure safety and efficiency. Dynamic Traffic's professionals work closely with our clients to help define their needs and resolve their issues. We have successfully completed numerous traffic calming/pedestrian safety design projects for Townships and Counties throughout New Jersey.

Thank you in advance for your time in reviewing our proposal. We look forward to serving the Township.

Sincerely,

Dynamic Traffic, LLC



John McCormack, PE, PTOE
Senior Principal



T. Hunter Sabins, PE
Project Manager

www.dynamictraffic.com

Lake Como, NJ • Chester, NJ • Toms River, NJ • Newark, NJ • Newtown, PA • Philadelphia, PA
Bethlehem, PA • Allen, TX • Houston, TX • Austin, TX • Delray Beach, FL • Annapolis, MD

FEE SUMMARY

Section 1: Stop Control Analysis (<i>Includes 14 Intersections</i>)	\$ 7,000
Section 2: All-Way Stop Control Analysis (<i>Includes 3 Intersections</i>)	\$ 12,000
Section 3: Reimbursable Expenses	Time and Materials
Section 4: Project Meetings and Coordination Services	Time and Materials

DESCRIPTION OF SERVICES

Section 1: Stop Control Analysis (*Includes 14 Intersections*)

Dynamic will prepare a stop control evaluation for the fourteen (14) intersections listed below, in accordance with the Township RFP. This report will evaluate the Township's potential change in traffic control at the intersections. The existing roadway characteristics will be compared to the guidance set forth within Sections 2B.09 (No Intersection Control) and 2B.11 (Minor Road Stop Control) of the Manual on Uniform Traffic Control Devices (MUTCD), published by the Federal Highway Administration (FHA).

1. Lancaster Terrace and Manchester Road
2. Manchester Road and Westminster Terrace
3. Normandy Terrace and Manchester Road
4. Cheshire Terrace and Nottingham Road
5. Devonshire Terrace and Nottingham Road
6. Nottingham Road and Normandy Terrace
7. Westminster Terrace and Nottingham Road
8. Brook Place and Mount Pleasant Place
9. Vosseler Ct and Vosseler Terrace
10. Sylvan Place and Burnett Terrace
11. Gilbert Place and Bradford Avenue
12. Devon Drive and Mountain Way
13. Mountain Way S and Mountain Way
14. Cullen Drive and Carlson Road

This scope of work includes the following in accordance with the RFP:

- A field inspection will be conducted to obtain an inventory of existing roadway geometry, traffic control, and location and geometry of adjacent driveways and intersections as may be gathered without an instrument survey.
- Field observations will be performed to observe existing traffic patterns (vehicle & pedestrian) and any other traffic related deficiencies which may exist at the study locations.
- The available sight distance for each approach to the study intersection will be observed and evaluated for conformity with industry and jurisdictional standards.
- An intersection crash analysis will be prepared based upon information available from NJDOT's Safety Voyager system as well as the crash reports provided in the Township RFP for up to three (3) years of data, if available. A schematic crash diagram illustrating the type, frequency, and relative location of crashes

will be prepared and site-specific crash trends will be compared to average statistics published by New Jersey Department of Transportation (NJDOT).

- Upon completion of the study as outlined above, a letter report will be prepared to document the findings and recommendations for each intersection.

Section 2: All-Way Stop Control Analysis (Includes 3 Intersections)

Dynamic will prepare an all-way stop control (AWSC) evaluation for the three (3) intersections listed below, in accordance with the Township RFP. This report will evaluate the Township's potential change in traffic control at the intersections. The existing roadway characteristics and traffic volumes will be compared to the All-Way Stop Control criteria set forth within Section 2B.12 of the Manual on Uniform Traffic Control Devices (MUTCD), published by the Federal Highway Administration (FHA). Additionally, the impact of the proposed All-Way Stop Control on the operational efficiency of the intersection will be assessed.

- Lowell Avenue and Mountain Way and Luddington Road
- Mississippi Avenue and Maple Street
- Dartmouth Road and Winding Way

This scope of work includes the following in accordance with the RFP:

- A field inspection will be conducted to obtain an inventory of existing roadway geometry, traffic control, and location and geometry of adjacent driveways and intersections as may be gathered without an instrument survey.
- Field observations will be performed to observe existing traffic patterns (vehicle & pedestrian) and any other traffic related deficiencies which may exist at the study locations.
- The available sight distance for each approach to the study intersection will be observed and evaluated for conformity with industry and jurisdictional standards.
- An intersection crash analysis will be prepared based upon information available from NJDOT's Safety Voyager system as well as police crash reports provided by the West Orange Police Department for up to three (3) years of data, if available. A schematic crash diagram illustrating the type, frequency, and relative location of crashes will be prepared and site-specific crash trends will be compared to average statistics published by New Jersey Department of Transportation (NJDOT).
- Intersection turning movement counts will be conducted at each intersection during a typical weekday between the hours of 6:00 AM and 7:00 PM. The counts will be conducted on either a Tuesday, Wednesday, or Thursday when schools are in regular session to establish existing intersection volumes.
- The intersection conditions (including the traffic volumes & crash history) will be compared to the all-way stop control criteria contained within the 11th edition of the MUTCD.
- Capacity analyses will be conducted for the weekday morning and weekday evening peak hours to determine existing and projected peak hour capacities and to define existing and projected levels of service. Any recommended changes will be reflected in the analysis.
- Upon completion of the study as outlined above, a letter report will be prepared to document the findings and recommendations for each intersection



-
- Reimbursable expenses associated with initial preparation and submission of the report is included within this task. Subsequent reimbursable expenses that may be required will be billed on a time and materials basis in accordance with the enclosed rate schedule.
 - Attendance at one (1) meeting is included within this task. Subsequent meetings that may be required will be billed on a time and materials basis in accordance with the enclosed rate schedule.

Section 3: Reimbursable Expenses

Reimbursable costs and expenses incurred by Dynamic Traffic in connection with the work outlined in Sections 1 and 2 are included in the lump sum fee. Any other reimbursables including but not limited to postage, travel expenses, printing and mileage will be invoiced in accordance with the attached Dynamic Traffic's *Professional Services Rate Schedule*.

Section 4: Project Meetings and Coordination Services

The intensity, methods and frequency of communications required for a project varies from client to client and project to project, but is essential to expediting the project successfully. As it is not always possible to determine the scope of work required for this phase prior to the commencement of work, this firm will provide an estimated scope of work as follows:

- Conference calls
- Meetings and generation of Meeting Memorandums
- Correspondence and coordination of governmental agencies
- Review and address agency review letters
- Preparation for meetings or hearings

Attendance at one (1) meeting is included within Sections 2 as noted above. All additional meetings, consultations and correspondence as noted above will be billed in accordance with the hourly rate schedule as included herein.

Project Schedule

It is anticipated that the Stop Control Analysis and All Way Stop Control Analysis (Sections 1 and 2) can be completed within eight (8) weeks (56 days) from receipt of the "notice to proceed" from the Township. Note it is highly recommended that the traffic counts be performed while local schools are in regular session. Depending on when the notice to proceed is issued relative to the school calendar, there could be impacts to the project schedule.

Notes and Assumptions

This proposal is limited to the scope of services specifically defined herein. Any additional services or out-of-scope work items that are requested or are determined to be necessary will be invoiced in accordance with Dynamic Traffic's *Professional Services Rate Schedule* enclosed herein.



FIRM PROFILE

Dynamic Traffic, LLC provides transportation planning and design services for numerous municipalities and counties throughout the state. Our design capabilities include intersection improvements, roadway widening, traffic signal and electrical plan design, complete streets designs, traffic calming designs, pedestrian safety designs, bicycle facility designs, MUTCD compliance and all aspects of signing and striping. Principals of Dynamic Traffic have recently provided transportation, planning and design services for municipalities including Maplewood, Neptune, Spring Lake Heights, Elizabeth, North Caldwell, Summit, Ringwood, Asbury Park and many others as well as Mercer, Ocean, Monmouth, Essex, Morris, Somerset, Camden, and Atlantic counties. Our strengths lie in the relationships we have forged over numerous years of working in both the private and public sectors, which gives us a unique perspective and results in our focus on implementing improvements.

Dynamic Traffic, LLC is a privately held corporation established and incorporated in 2012 which consists of a team of licensed professionals led by a team of 9 principals supported by 17 staff/engineers working in numerous municipalities, counties, and states. Communication with the client and stakeholders is critical to the success of a project and Dynamic Traffic, LLC will ensure complete communication with the client along with diligent follow-up.

Our unique attention to customer service and client satisfaction will help you meet the Township's objectives. Our focus on providing traffic engineering services at a superior value will also help to ensure your project is successful and within your budget.

Traffic Services include:

- Traffic Impact Studies
- Corridor Studies
- Intersection Control and Design
- Traffic Signal Design
- Electrical Plan Design
- Signing and Striping Design
- Preparation of Traffic Control Plans
- Traffic Signal Timing/Optimization
- Parking Studies (restrictions, demand, and pricing)
- Crash Analyses
- Traffic Count Program Design and Implementation
- Traffic Signal Warrant Analyses
- Traffic Reviews
- Accessible Curb Ramp Design
- Geometric Design and Layout
- Multi-Way Stop Warrant Analysis

For all the items above, John McCormack, PE, PTOE will be the key contact person leading our bench of professionals to support these tasks as necessary. Dynamic Traffic (and all principals of the firm) maintains the proper professional engineering licensure and remains in good standing. Neither the firm nor any individuals assigned to this engagement are suspended, or otherwise prohibited from professional practice by any federal, state, or local agency. Our firm has a proven track record in preparing engineering studies and other documents for public clients to serve various needs and carrying that work into fully designed plans. We look forward to continuing to use this experience to benefit the Township of West Orange.

POINT OF CONTACT AND OFFICE LOCATIONS



Contact Person:

John McCormack
Senior Principal

P: 732.681.0760

F: 732.974.3521

E: jmccormack@dynamictraffic.com

W: www.dynamictraffic.com

Corporate Headquarters:

Dynamic Traffic, LLC
1904 Main Street
Lake Como, NJ 07719

Other Offices:

Marlton

5 Greentree Centre
525 Route 75 North, Suite 406
Marlton, New Jersey 08053

Belmar

825 8th Avenue
Belmar, New Jersey 07719

Chester

245 Main Street, Suite 110
Chester, New Jersey 07930

Newark

50 Park Plaza, Suite 901
Newark, New Jersey 07102

Toms River

40 Main Street, 3rd Floor
Toms River, New Jersey 08753

Newtown

826 Newtown Yardley Road,
Suite 201
Newtown, Pennsylvania 18940

Philadelphia

1515 Market Street, Suite 1920
Philadelphia, Pennsylvania 19102

Lehigh Valley

95 Highland Avenue, Suite 170
Bethlehem, Pennsylvania 18017

King of Prussia

2570 Boulevard of the Generals,
Bldg 100, Suite 123
Audubon, Pennsylvania 19403

Delray Beach

100 NE 5th Avenue, Suite B2
Delray Beach, Florida 33483

Tampa

421 Main Street, Office Building, 1st Fl
Dunedin, FL 34698

Annapolis

125 West Street
Annapolis Maryland 21401

Newark, DE

591 Collaboration Way, Suite 605
Newark, Delaware 19713

Austin

901 Mopac Expressway South
Barton Oaks Plaza One, Suite 300
Austin, Texas 78746

Dallas

714 S. Greenville Avenue, Suite
100
Allen, Texas, 75002

Houston

6925 Portwest Drive, Suite 100
Houston, Texas 77024



John McCormack is a Senior Principal at Dynamic Traffic. Mr. McCormack holds a license in Professional Engineering in New Jersey and New York as well as a certification as a Professional Traffic Operations Engineer

John has over 30 years of experience working on various traffic engineering and transportation planning

projects for both private client and public agencies. Mr. McCormack is responsible for the management of the civil engineering and traffic engineering aspects of the transportation improvement projects. These projects involve all aspects of traffic calming, traffic signal design, bicycle and pedestrian safety and on-street parking. Mr. McCormack also performs traffic impact studies, NJDOT access studies, major event traffic/pedestrian planning, corridor progression studies and parking studies. Mr. McCormack serves as the traffic consultant to various municipalities, planning and zoning boards, and counties. He also prepares traffic & pedestrian management plans for major event venues and Amazon Fulfillment Centers across the country.

Licenses:

- New Jersey Professional Engineer License
- New York Professional Engineer License
- Professional Traffic Operations Engineer

Education:

- Villanova University
Bachelor of Science, Civil Engineering, 1994

Agency Experience:

- Port Authority of New York and New Jersey
- North Jersey Transportation Planning Authority
- Atlantic County
- Camden County
- Essex County
- Mercer County
- Monmouth County
- Morris County
- Ocean County
- Somerset County

Agency Experience continued:

- Borough of Allenhurst
- City of Asbury Park
- Bloomfield Township
- Borough of Caldwell
- Denville Township
- City of East Orange
- City of Elizabeth
- City of Jersey City
- Maplewood Township
- Millburn Township
- Montclair Township
- Neptune Township
- City of Newark
- Borough of Point Pleasant Beach
- Borough of River Edge
- Borough of Ringwood
- Sea Girt Borough
- Spring Lake Heights
- Stafford Township
- City of Summit
- Toms River Township
- Township of West Orange
- Woodbridge Township

Expert Testimony:

Mr. McCormack has testified before dozens of boards throughout the State of New Jersey. He regularly provides traffic and parking testimony at Land Use Boards in support of his client's projects.

Employment History:

- 2018 – Present Dynamic Traffic, LLC,
Senior Principal
- 2010 – 2018 Sam Schwartz, Transportation
Consultants, Director of Traffic Engineering
- 1994 – 2010 CMX/Schoor DePalma

Event Traffic Planning Experience:

- Red Bull Arena
- Nassau Coliseum
- NJ Performing Arts Center
- MetLife Stadium
- Wrigley Field
- Soldier Field
- Nationals Park
- NY Road Runners Queens 10K
- Pope Francis' 2015 Visit to Philadelphia
- Amazon Fulfillment Centers

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State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs



THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

JOHN M. MC CORMACK
200 HANCE ROAD
Fair Haven NJ 07704

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

04/10/2024 TO 04/30/2026
VALID

24GE04170100
LICENSE/REGISTRATION/CERTIFICATION #

A blue ink signature of John M. McCormack.

Signature of Licensee/Registrant/Certificate Holder

A blue ink signature of Cari Zanis.

ACTING DIRECTOR

Contact:

Paul Kittner, PE
Township Engineer
574 Valley Street
Maplewood, NJ 07040
PKittner@maplewoodnj.gov
(973) 762-8120

Period of Performance

January – March 2024

Key Staff:

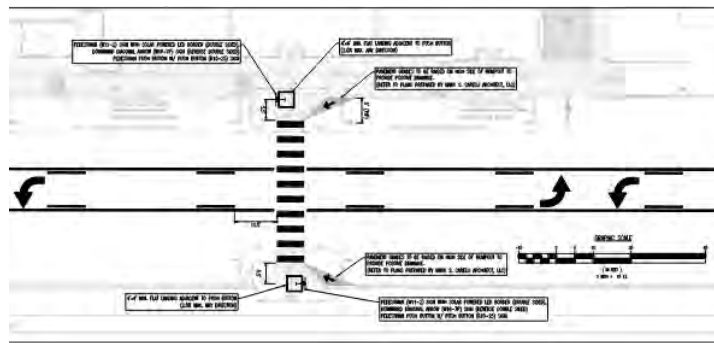
John McCormack, PE, PTOE
Patrick Downey, PE
Matt Barrella, PE



Dynamic Traffic, LLC has been named an On-Call Traffic Engineering consultant for the Township of Maplewood Engineering Department. Key Staff have been responsible for the successful completion of many pedestrian safety related traffic engineering design for the Township over the past several years. The following is a listing of the most recent Maplewood Township experience:

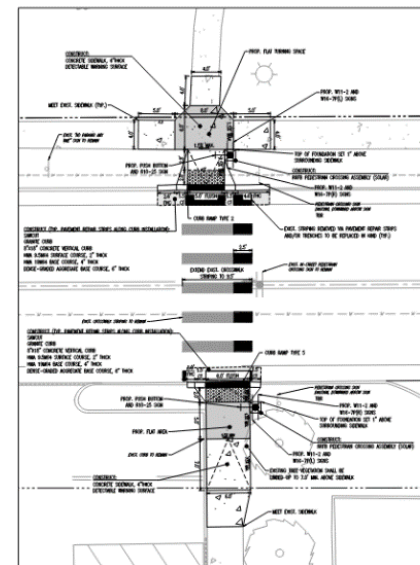
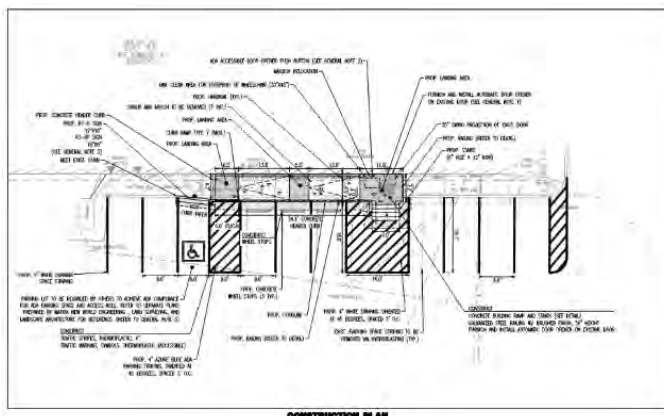
Springfield Avenue Mid-Block Crosswalk

- Located between Boyden Avenue and Burnett Avenue.
- Constructed curb bumpouts to shorten the pedestrian crosswalk length and make pedestrians more visible to drivers.
- Installed push button activated LED flashing pedestrian crossing signs to alert drivers of crossing pedestrians.



Burnett Avenue Rapid Rectangular Flashing Beacons (RRFB)

- Located at three crosswalks along Burnett Avenue connecting to Dehart Park.
- Prepared construction bidding documents including construction cost estimate, project specifications, and construction plans.
- Installed push button activated solar RRFB's on both sides of the crosswalk with the appropriate pedestrian crossing signing.
- Reconstructed sidewalk and pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards.



**BASE BID
INTERSECTION #1
BURNETT AVENUE & SENIOR CENTER CROSSWALK**

Community Development Block Group Project

- Located around Memorial Park and the Maplewood Township Department of Public Works (DPW) Building.
- Utilized Public Right-of-Way ADA Guidelines (PROWAG) for all curb ramps located surrounding Memorial Park and ADA Accessibility Guidelines (ADAAG) for the DPW Building.
- Prepared construction bidding documents including construction cost estimate, project specifications, and construction plans.

Contact:

Daniel J. Loomis
 City of Elizabeth
 50 Winfield Scott Plaza
 Elizabeth, NJ 07201
 dloomis@elizabethnj.org
 (908) 820-4269

Steve Rinaldi, PLS, PP
 srinaldi@elizabethnj.org
 (908) 820-4278

Period of Performance:
 January 2018 – Present

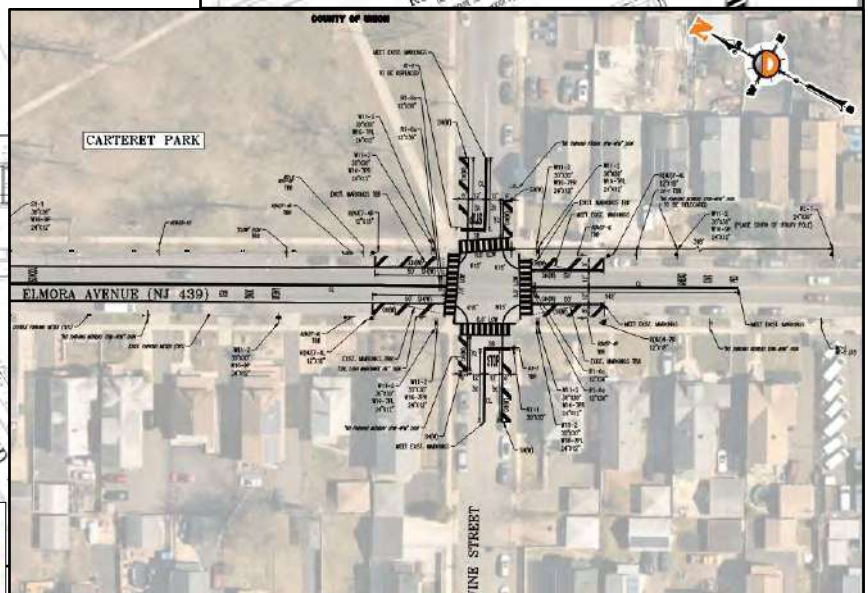
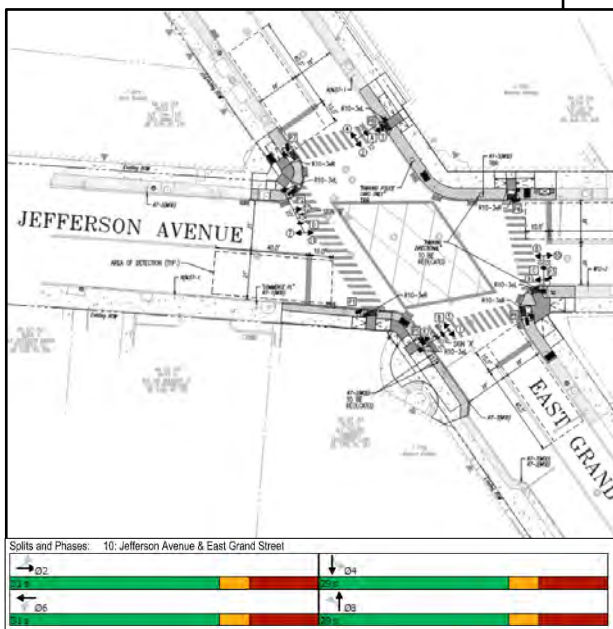
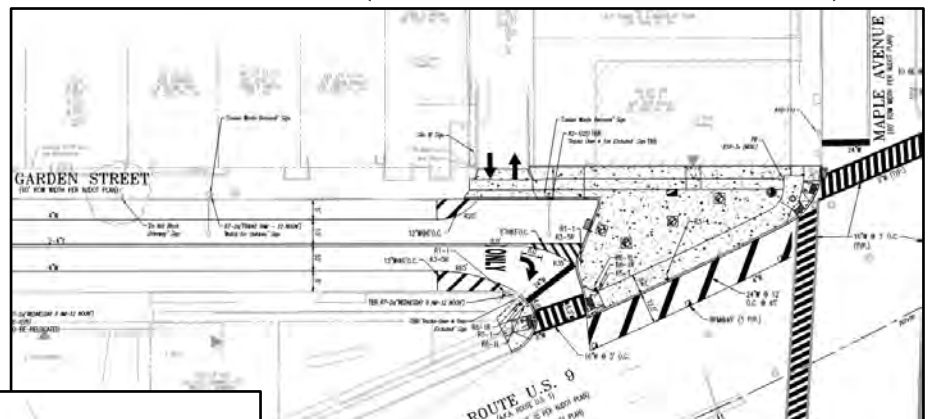
Key Staff:

John McCormack, PE, PTOE
 Andy Jafolla, PE
 Patrick Downey, PE, PTOE
 T. Hunter Sabins, PE



Dynamic Traffic LLC has been named an On-Call Traffic Engineering consultant for the City of Elizabeth Engineering Department. Projects have been coordinated with the City Administrator, City Engineer and the Traffic Safety Division of the Police Department. Key staff have been responsible for the successful completion of several traffic engineering design and analysis projects for the City of Elizabeth over the past few years. The following is a listing of the most recent City of Elizabeth experience:

- Garden St Traffic Calming Design
- Elizabeth Ave at Bridge St – Intersection Safety & Efficiency Evaluation
- East Jersey St & Winfield Scott Plaza – Intersection/Pedestrian Safety Evaluation
- Rt 1 & 9 & Garden St – Traffic Calming Evaluation & Intersection Improvements
- Bayway Ave Improvements & LFIF Grant Application Assistance
- Elmora Ave & Vine St/Murray St – Intersection Safety Improvements
- Traffic Signal Timing Modification at Elizabeth Ave & Jaques Str-South St
- NJDOT Local Aid Funded Traffic Signal Replacements:
 - o Jefferson Ave & East Grand St (via NJDOT Transit Village Program)
 - o Madison Ave & East Grand St (via NJDOT Transportation Trust Fund)
 - o Union Ave & Prince St (via NJDOT Safe Streets to Transit Grant)
 - o Catherine St & East Grand St (via NJDOT Safe Streets to Transit Grant)



Contact:

James Bonanno, PP, AICP
Transportation Manager
City of Asbury Park
1 Municipal Plaza
Asbury Park, NJ 07712
James.Bonanno@cityofasburypark.com
(732) 502-5762

Period of Performance

January 2022 – Present

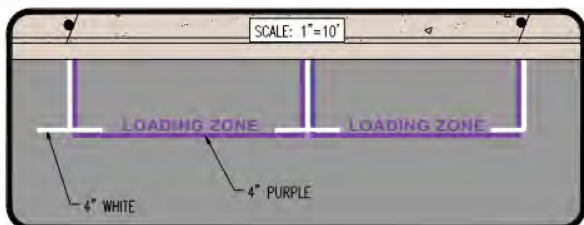
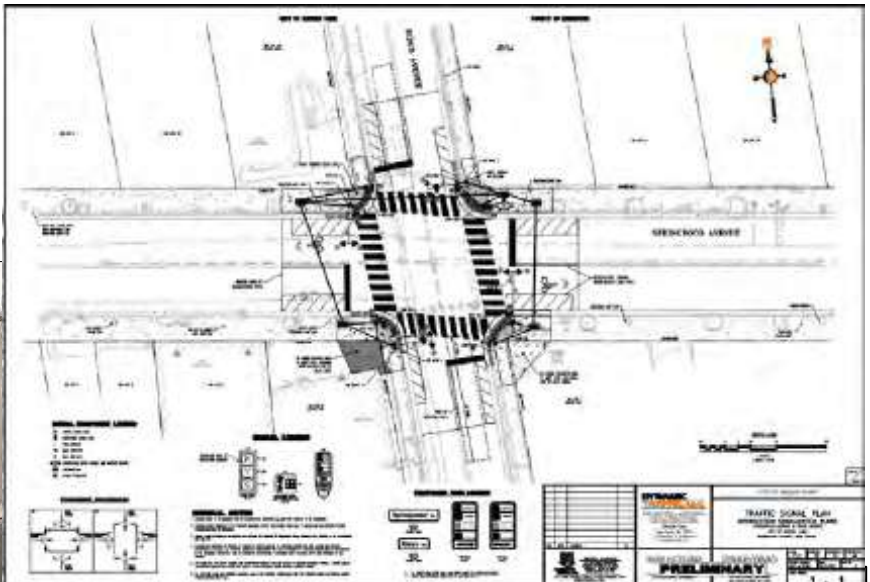
Key Staff:

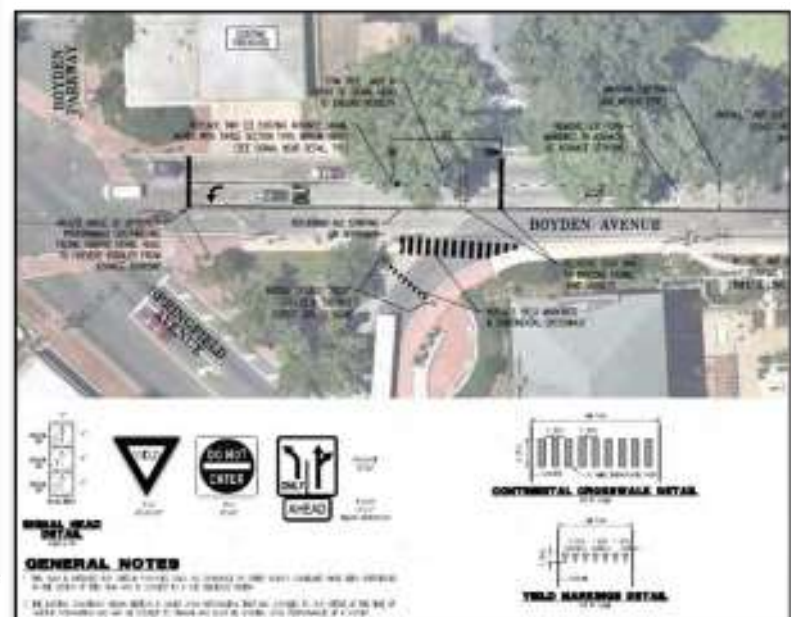
John McCormack, PE, PTOE
T. Hunter Sabins, PE
Nicole Dahl, EIT



Dynamic Traffic, LLC has been named the On-Call Traffic Engineer for the City of Asbury Park. Key staff have been responsible for the successful completion of several traffic engineering design and analysis projects for the City of Asbury Park over the past few years. The following is a listing of the most recent City of Asbury Park experience:

- Prospect Avenue/Monroe Avenue/Church Street – Intersection Evaluation/Re-Design
- Grand Avenue – Corridor Evaluation
- Cookman Avenue, Lake Avenue, Bangs Avenue, Mattison Avenue – Loading Zone Design/Assistance
- Cookman Avenue & Bond Street – Intersection Evaluation
- Cookman Avenue & Lake Avenue – Intersection Evaluation
- Cookman Avenue & Emory Street – Roundabout Evaluation
- Lake Avenue & Emory Street – Traffic Signal Layout Plan
- Springwood Avenue & Ridge Avenue – Traffic Signal Layout Plan
- 5th Avenue & Comstock Street – Temporary Roundabout Evaluation
- Kingsley Avenue & Deal Lake Drive – Intersection Evaluation





Contact:

Aaron Schrager, PE, CME, PP
Director of Dept. of Community
Services & City Engineer
City of Summit
512 Springfield Avenue
Summit, NJ 07901
aschrager@cityofsummit.org
908-273-9400

Period of Performance

January 2023 – Present

Key Staff:

John McCormack, PE, PTOE
Andy Jafolla, PE
T. Hunter Sabins, PE
Nicole Dahl, PE



Dynamic Traffic, LLC has been named the On-Call Traffic Engineer for the City of Summit. Key staff have been responsible for the successful completion of several traffic engineering design and analysis projects for the City of Summit over the past few years. The following is a listing of the most recent City of Summit experience:

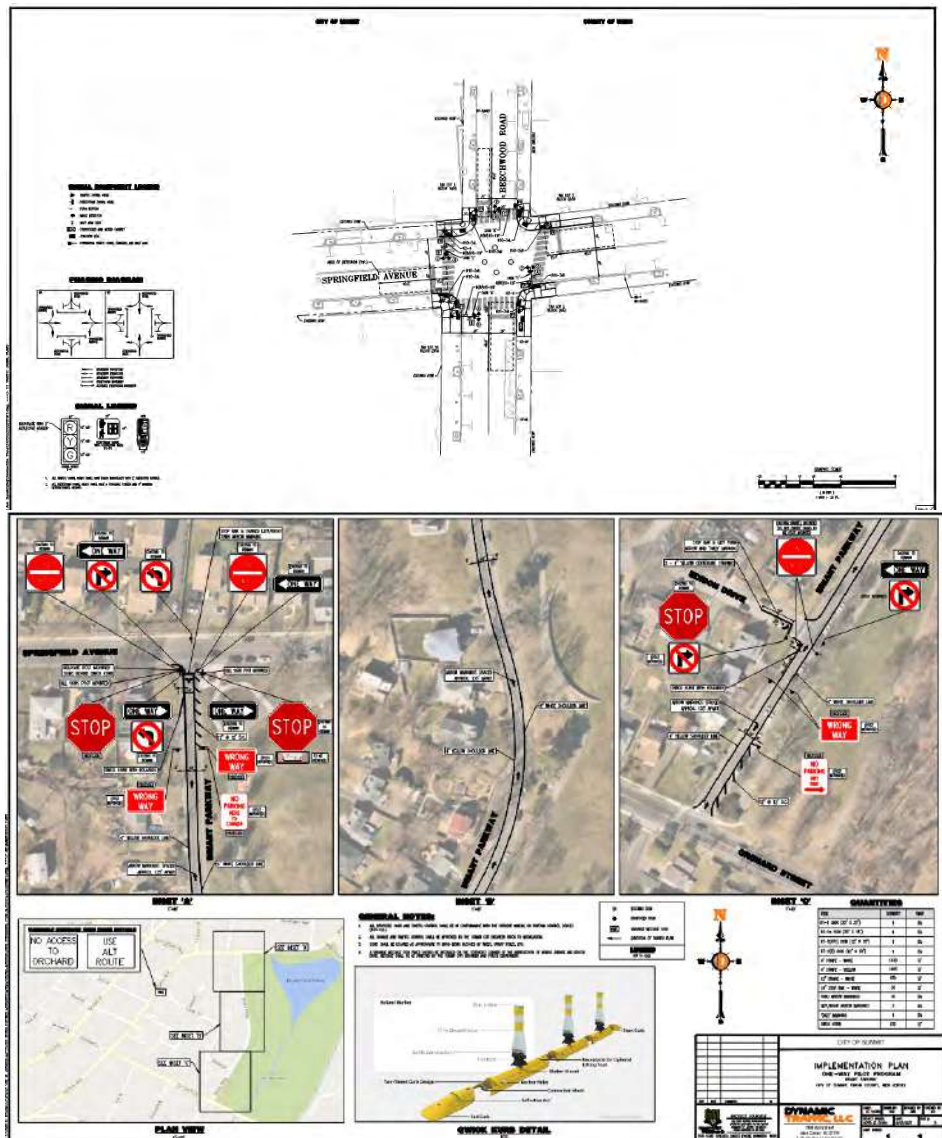
- Prospect Street & Blackburn Road – All-way Stop Control Evaluation
- Morris Avenue – Corridor Study
- River Road – Corridor Study
- River Road & Iris Road – Intersection Evaluation
- Briant Parkway – One-way Evaluation
- Morris Avenue & Orchard Street – Signing & Striping Improvements
- Springfield Avenue & Maple Street and Springfield Avenue & Beechwood Road – Traffic Signal Replacements
- Broad Street/Walnut Street/Overlook Road – Intersection Analysis
- Broad Street – On-street Parking Plan Assistance
- City Signal Maintenance Summary Report



Prospect Street & Madison Road - Approach Volume

Thursday, November 8, 2012

Time	Rugby Roadway - Prospect Street (vehicular - inbound)			Maine Roadway - Leitch's Road (vehicular - outbound - shared)		
	EB	WB	Total	WB	SB	Total
7:00 AM	12	115	127	137	99	236
8:00 AM	37	160	197	191	99	290
9:00 AM	23	99	121	97	23	91
10:00 AM	31	92	123	92	27	91
11:00 AM	19	99	118	97	30	127
12:00 PM	39	99	138	97	99	196
1:00 PM	19	99	118	97	92	189
2:00 PM	19	99	118	99	99	198
3:00 PM	33	199	232	191	99	290
4:00 PM	23	17	40	199	97	296
5:00 PM	23	19	42	199	99	298
6:00 PM	23	97	120	97	12	109
Total	499	1,037	1,536	1,077	739	1,816



Contact:

Joseph C. May
 Borough of Spring Lake Heights
 555 Brighton Ave #1,
 Spring Lake Heights, NJ 07762
 jmay@springlakehts.com
 (908) 770-5787

Period of Performance:

August 2016 – Present

Key Staff:

John McCormack, PE, PTOE
 Patrick Downey, PE, PTOE
 T. Hunter Sabins, PE



Dynamic Traffic LLC provides traffic engineering consulting services to the Borough of Spring Lake Heights. Projects have been coordinated with the Borough Engineer, Public Works Department, and the Police Department. Key staff have been responsible for the successful completion of several traffic engineering design and analysis projects for the Borough of Spring Lake Heights over the past few years. The following is a listing of the most recent Borough of Spring Lake Heights experience:

- Ocean Rd Pedestrian Crossing Viability Assessment
- Wall Rd Pedestrian Crossing & Traffic Calming Viability Assessment
- Old Mill Rd & Wall Rd Multi-Way Stop Control Evaluation
- Old Mill Rd, Wall Rd, & Ocean Rd Commercial Motor Vehicle Restriction Evaluation
- Highway Occupancy Permit Assistance & Detour Plans for Ocean Rd Improvements
- Ocean Rd and Old Mill Rd Multi-Way Stop Control Evaluation
- Wall Rd and Ocean Rd Traffic Calming Improvements

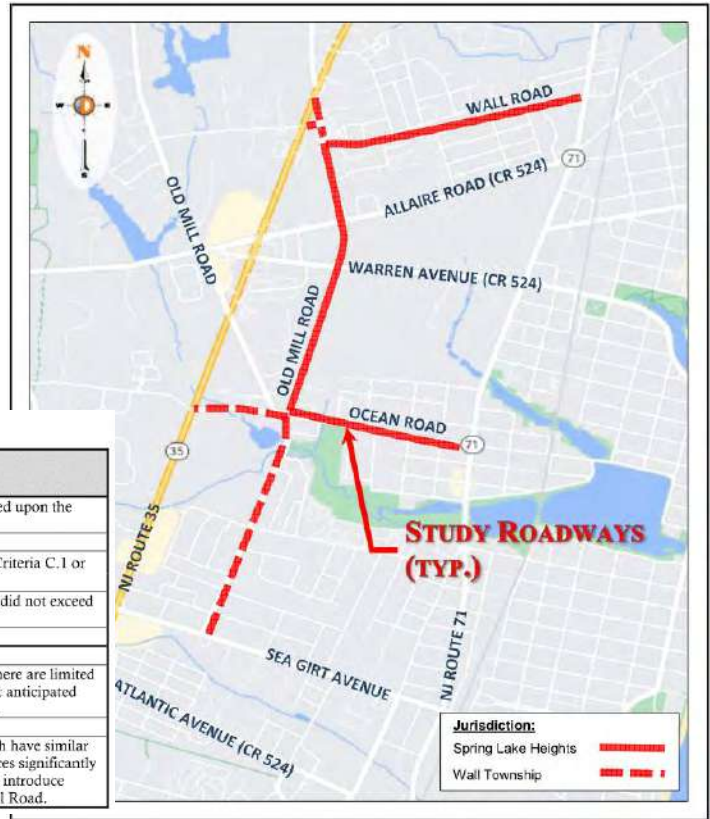
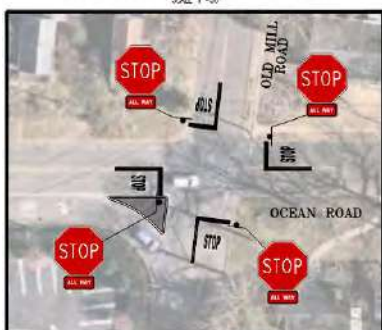


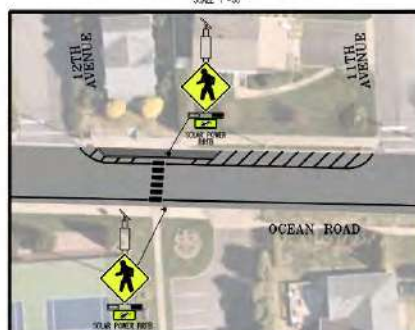
Table II
 Multi-Way Stop Criteria - Summary

Multi-Way Stop Criteria (MUTCD Section 2B.07 Part 04)	Satisfied?	Description
A	No	This intersection does not satisfy warrants for a traffic signal based upon the traffic volumes and crash history.
B	No	The intersection crash history does not satisfy the criteria.
C	1	The intersection does not satisfy the traffic volumes set forth in Criteria C.1 or Criteria C.2.
	2	
	3	
D	No	The 85 th percentile speeds along the major road (Old Mill Road) did not exceed 40 mph.
Additional Criteria	A	Criteria B and Criteria C are not satisfied to 80 percent criteria.
	B	The intersection crash history does not satisfy the criteria.
	C	There is not significant pedestrian volume at the intersection. There are limited sidewalks and no crosswalks at the intersection. As such, it is not anticipated that AWSC would reduce potential vehicle/pedestrian conflicts.
	D	There are no sight distance issues at the intersection.

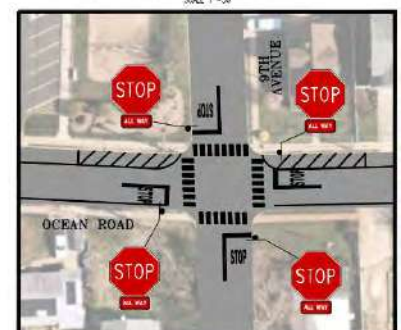
OCEAN ROAD & OLD MILL ROAD
 ALL-WAY STOP CONTROL (AWSC)
 WITH CONCRETE CHANNELIZING ISLAND
 SCALE 1"=30'



OCEAN ROAD PARK & 12TH AVENUE
 CURB BUMP-OUT WITH RECTANGULAR RAPID
 FLASHING BEACON (RRFB) ASSEMBLIES
 SCALE 1"=30'



OCEAN ROAD & 9TH AVENUE
 ALL-WAY STOP CONTROL (AWSC)
 SCALE 1"=30'



Contact:

Mark Jehnke
 Ocean County Engineering
 129 Hooper Avenue
 Toms River, NJ 08754
 mjehnke@co.ocean.nj.us
 (732) 929-2183

Period of Performance:

2011 – Present

Key Staff:

John McCormack, PE, PTOE
 Andy Jafolla, PE
 Patrick Downey, PE, PTOE
 T. Hunter Sabins, PE



Dynamic Traffic LLC, has been named an On-Call Traffic Engineering consultant for Ocean County Engineering Department. Key staff have been responsible for the successful completion of many traffic engineering design and analysis projects for Ocean County over the past several years. The following is a listing of the most recent Ocean County experience:

Traffic Signal Designs/Upgrades

- Lacey Rd (CR 614) & Railroad Ave
- Lacey Rd (CR 614) & Lake Barnegat Dr
- Lacey Rd (CR 614) & Denton Ave/Deerhead Lake Dr
- Lacey Rd (CR 614) & Newark Ave
- Lacey Rd (CR 614) & Garden State Parkway Exit 74 NB Ramp
- Bay Ave (CR 571) & Indian Hill Rd (CR 20)
- Bay Ave (CR 571) & Cedar Grove Rd (CR 22)
- Ocean Gate Dr (CR 625) & Mill Creek Rd (CR 2)/Veeder Ln (CR 4)
- Whitesville Rd (CR 17) & Faraday Ave (CR 59)

Intersection Improvements

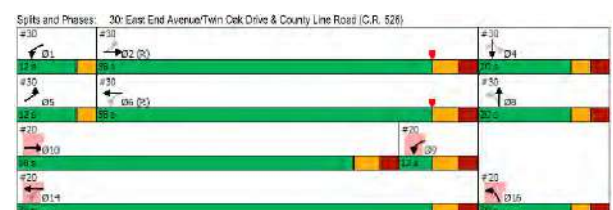
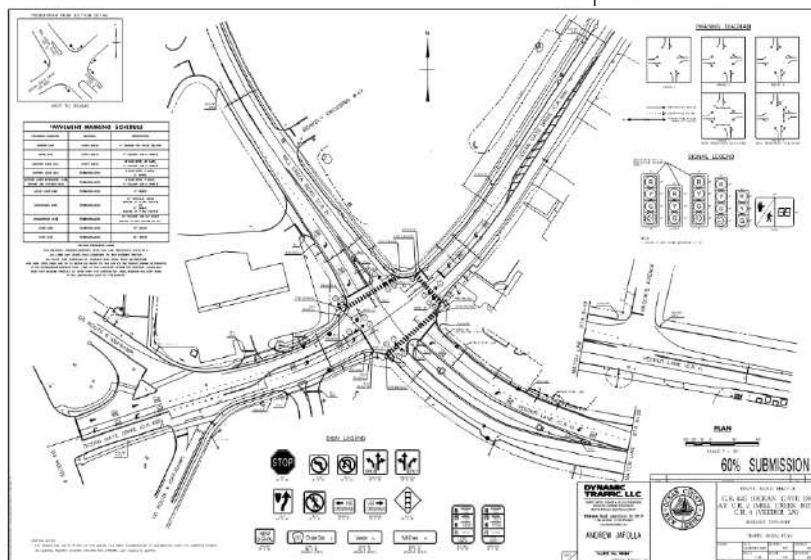
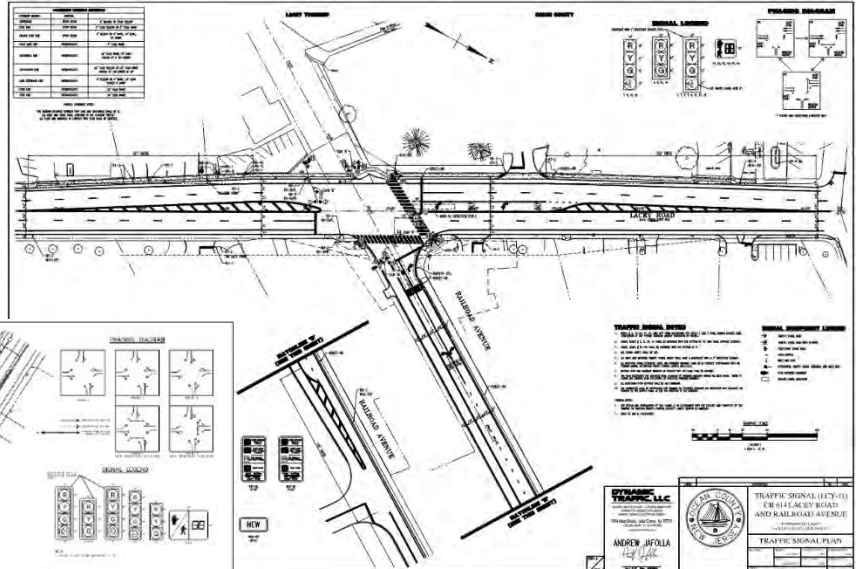
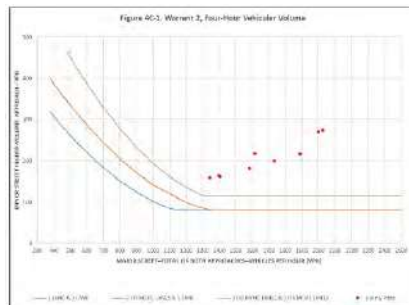
- Lacey Rd (CR 614) & Railroad Ave
- Ocean Gate Dr (CR 625) & Mill Creek Rd (CR 2)/Veeder Ln (CR 4)
- Whitesville Rd (CR 17) & Faraday Ave (CR 59)

Corridor Traffic Analysis

- Lacey Rd (CR 614) Traffic Signal Synchronization

Railroad Pre-Emption

- East County Line Rd (CR 526)



Contact:

Alicia Meyers, PE, PTOE
 Principal Engineer - Traffic
 Somerset County
 Department of Engineering and Planning
 Engineering Division
 20 Grove Street, P.O. Box 3000
 Somerville, NJ 08876-1262
 meyersa@co.somerset.nj.us
 908-231-7619

Period of Performance

January 2024 – Present

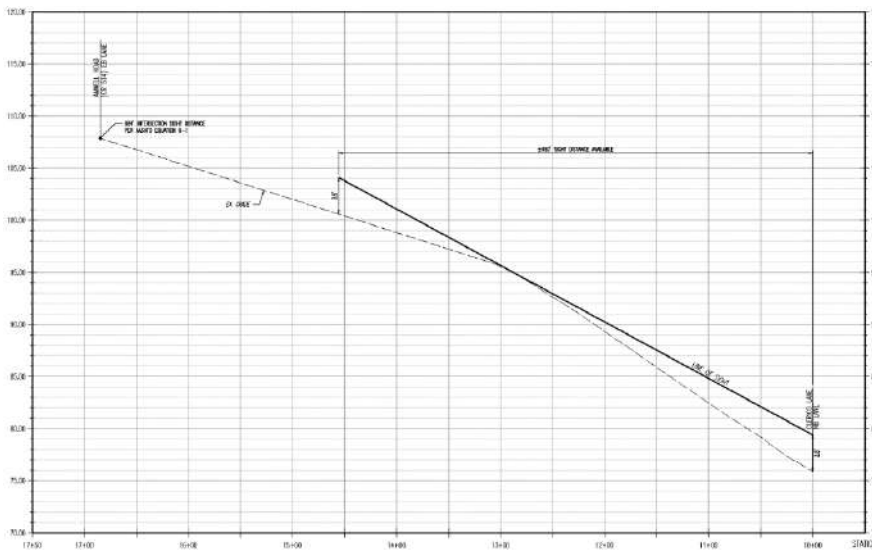
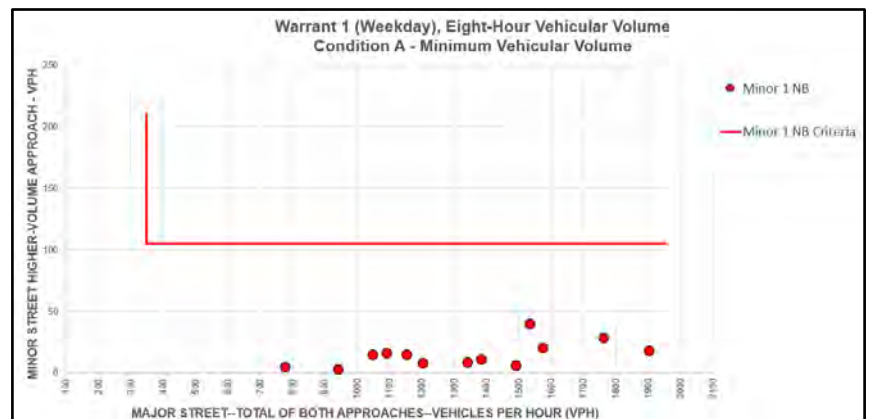
Key Staff:

John McCormack, PE, PTOE
 Andy Jafolla, PE
 T. Hunter Sabins, PE



Dynamic Traffic LLC, has been named an On-Call Engineering consultant for Somerset County Department of Engineering and Planning for traffic and roadway design services. Key staff have been responsible for the successful completion of various engineering design/analysis projects for Somerset County. The following is a listing of the most recent Somerset County experience:

- Amwell Rd (CR 514) & Clerico Ln, Hillsborough
 - o Traffic Signal Warrant Report
 - o Intersection Safety Evaluation
- Claremont Rd (CR 525), Mine Mount Rd, & Seney Dr, Bernardsville
 - o All-Way Stop Control (AWSC) Evaluation at 5-Way Intersection
 - o Intersection Alternatives Evaluation



Contact:

Debra Dellagiacoma
 Principal Traffic Engineer
 County of Morris
 30 Schuyler Place
 Morristown, NJ 07960
 ddellagiacoma@co.morris.nj.us
 (973) 285-6750

Period of Performance:

2020 - Present

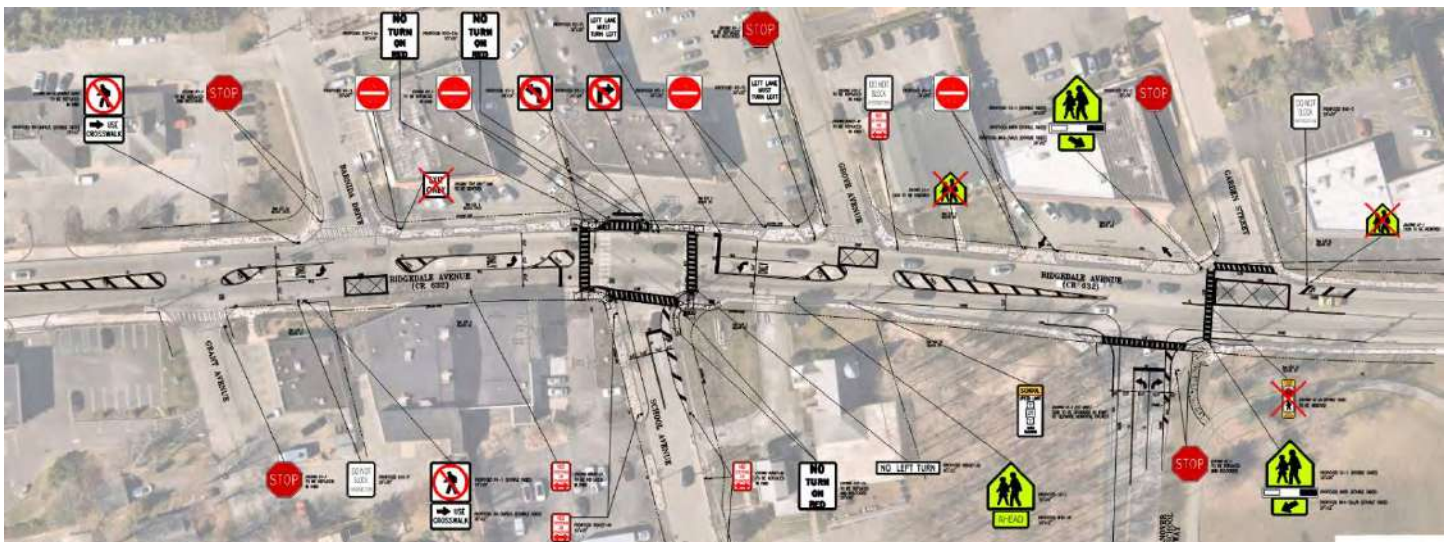
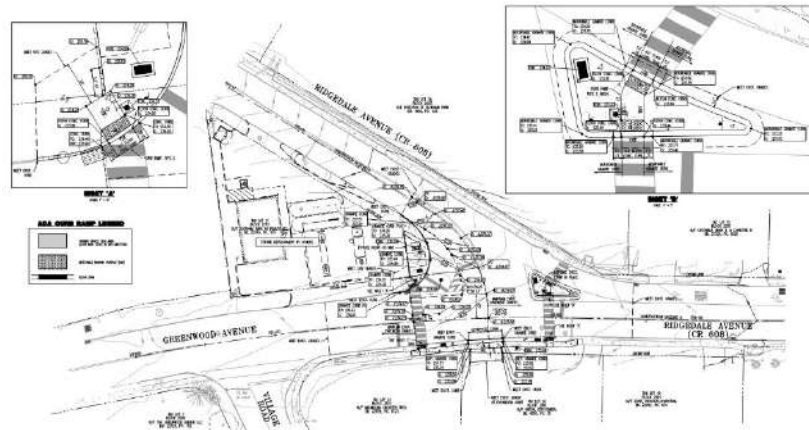
Key Staff:

Andy Jafolla, PE
 John McCormack, PE, PTOE
 Patrick Downey, PE, PTOE
 T. Hunter Sabins, PE

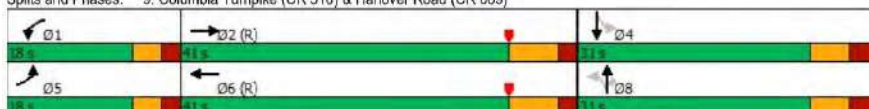


Dynamic Traffic LLC has been named On-Call Traffic Engineering consultant for the Morris County Engineering Department. Projects have been coordinated with the County Traffic Engineer and various municipal engineering departments. Key staff have been responsible for the ongoing performance of several traffic engineering design and analysis projects over the past year. The following is a listing of the most recent Morris County project experience:

- Columbia Turnpike & Park Street Traffic Signal Improvements
- Columbia Turnpike Corridor Evaluation
- South Beverwyck Road & Reynolds Road Safety Evaluation
- Columbia Trail Pedestrian Crossing Improvements
- Ridgedale Avenue (C.R. 608) & Greenwood Avenue Intersection Improvements
- Ridgedale Avenue (C.R. 632) Corridor & Intersection Improvements



Splits and Phases: 9: Columbia Turnpike (CR 510) & Hanover Road (CR 609)



REFERENCES

Asif Mahmood

Essex County Engineering
900 Bloomfield Ave
Verona, NJ 07044
(973) 226-8500
amahmood@essexcountynj.org

Debra Dellagiacoma

Morris County Engineering
10 Court St, 5th Fl
Morristown, NJ 07963
(973) 285-6755
ddellagiacoma@co.morris.nj.us

Mark Jehnke

Ocean County Engineering
129 Hooper Avenue
P.O Box 2191
Toms River, NJ 08754
(732) 929-2183
mjehnke@co.ocean.nj.us

Paul Kittner

Township of Maplewood
574 Valley Street
Maplewood, NJ 07040
(201) 452-9603
Pkittner@maplewoodnj.gov

Aaron Schrager

City of Summit Engineering
512 Springfield Ave
Summit, NJ 07901
(908) 273-9400
aschrager@cityofsummit.org

Dan Loomis

City of Elizabeth Engineering
50 Winfield Scott Plaza
Elizabeth, NJ 07201
(908) 820 – 4278
dloomis@elizabethnj.org

2024 GOVERNMENTAL PROFESSIONAL SERVICES RATE SCHEDULE

Licensed Professional Engineer – Director/Senior Principal	\$240.00/hour
Licensed Professional Engineer – Principal	\$220.00/hour
Licensed Professional Engineer – Branch Manager	\$220.00/hour
Licensed Professional Engineer – Senior Project Manager	\$210.00/hour
Licensed Professional Engineer – Project Manager	\$200.00/hour
Licensed Professional Engineer	\$180.00/hour
Senior Project Manager	\$190.00/hour
Project Manager	\$180.00/hour
Project Engineer	\$160.00/hour
Senior Design Engineer	\$155.00/hour
Design Engineer	\$135.00/hour
Licensed Landscape Architect	\$175.00/hour
Computer Generated Imagery Manager	\$160.00/hour
CAD Director	\$170.00/hour
CAD Manager	\$145.00/hour
Senior CAD Designer	\$125.00/hour
CAD Designer	\$110.00/hour
Senior Project Coordinator	\$125.00/hour
Project Coordinator	\$120.00/hour
Assistant Project Coordinator	\$110.00/hour
Senior Administrative Assistant	\$ 95.00/hour
Administrative Assistant	\$ 90.00/hour
Assistant Professional	\$100.00/hour
Traffic Enumerator	\$ 60.00/hour

LAND SURVEYING SERVICES

Licensed Professional Land Surveyor – Senior Principal	\$240.00/hour
Licensed Professional Land Surveyor – Principal	\$220.00/hour
Licensed Professional Land Surveyor – Senior Project Manager	\$210.00/hour
Licensed Professional Land Surveyor – Project Manager	\$200.00/hour
Licensed Professional Land Surveyor	\$180.00/hour
Senior Project Surveyor/Party Chief	\$160.00/hour
Project Surveyor	\$135.00/hour
Senior Survey Technician	\$135.00/hour
Survey Technician	\$120.00/hour
Assistant Survey Technician	\$ 90.00/hour
Field Survey Crew – Two Man	\$225.00/hour
Field Survey Crew – Three Man	\$275.00/hour

GEOTECHNICAL AND ENVIRONMENTAL SERVICES

Senior Geotechnical Engineer – Project Manager	\$220.00/hour
Senior Geotechnical Engineer	\$200.00/hour
Construction Services Manager	\$160.00/hour
Construction Materials Testing Supervisor	\$160.00/hour
Geotechnical Engineer/Geologist	\$160.00/hour
Senior Technical Professional/Senior Engineering Technician	\$155.00/hour
Engineering Technician	\$ 90.00/hour
Engineering Technician (Half-Day Rate)	\$450.00
Environmental Professional – Senior Principal	\$240.00/hour
Environmental Professional – Principal	\$220.00/hour
Licensed Environmental Professional	\$200.00/hour
Environmental Professional – Senior Project Manager	\$200.00/hour
Environmental Professional – Project Manager	\$180.00/hour
Environmental Scientist	\$160.00/hour
Environmental Technical Professional	\$140.00/hour
Assistant Environmental Technical Professional	\$120.00/hour

Professional Services for the purposes of litigation matters, court appearances and attendance at other legal proceedings shall be billed at 1.5 times the above rates.

REIMBURSABLE RATES

Outside (pass-thru) Services	cost
Postage, Federal Express, UPS, DHL	cost
Travel (meals, tolls, etc.)	cost
Paper Black/White Copy/Prints – A Size (8.5"x11")	\$ 0.20/sheet
Paper Black/White Copy/Prints – B Size (11"x17")	\$ 0.40/sheet
Paper Color Copy/Prints – A Size	\$ 3.00/sheet
Paper Color Copy/Prints – B Size	\$ 5.50/sheet
Paper Plots and Printing – B Sheet	\$ 2.50/sheet
Paper Plots and Printing – C Sheet (18"x24")	\$ 3.50/sheet
Paper Plots and Printing – D Sheet (24"x36")	\$ 4.25/sheet
Paper Plots and Printing – E Sheet (30"x42")	\$ 4.75/sheet
Signed/Sealed Plots – C Sheet	\$ 4.75/sheet
Signed/Sealed Plots – D Sheet	\$ 5.25/sheet
Signed/Sealed Plots – E Sheet	\$ 5.75/sheet
Mylar Plots	\$ 6.75/sq. ft.
Color Plots – D Sheet	\$ 40.00/sheet
Color Plots – E Sheet	\$ 50.00/sheet
Exhibit Mounting – D Size	\$ 85.00/board
Exhibit Mounting – E Size	\$110.00/board
Reports (Size ¼" – ¾")	\$ 20.00 - \$30.00
Reports (Size 1" – 2")	\$ 35.00 - \$65.00
Notary Public Services	\$ 15.00
High Resolution Aerial Imagery	\$100.00/image
Digital Signatures (Initial)	\$200.00/each
Digital Signatures (Each Additional)	\$ 50.00/each
CD/DVD Preparation	\$ 30.00/each
USB – Memory Stick/Thumb Drive	\$ 40.00/each
Electronic Document Preparation	\$ 30.00 up to the first 5 sheets Plus \$5.00/sheet over 5 sheets
Digital Shapefiles	\$200.00/each
Tax Maps	\$ 35.00/sheet
FTP Site Usage	\$ 25.00/unit
Mileage	As published by the IRS
Moisture Content Determination	\$ 50.00/each
Moisture Content Determination (as additional test)	\$ 15.00/each
Modified Proctor	\$350.00/each
Washed Gradation	\$ 90.00/each
Atterberg Limits Determinations (Inorganic)	\$110.00/each
Tube Permeameter	\$200.00/each
Organic Content by Loss on Ignition	\$ 75.00/each
Concrete Cylinders (cast or retained) Sample	\$ 20.00/each
Pick up/Delivery to Laboratory	\$ 90.00/hour
Sample Storage (Beyond 60 days)	\$ 50.00/month
Nuclear Density Gauge	\$ 95.00/day

On-site inspection services by staff engineer or technician will be invoiced at full day increments for services exceeding 4 hours on site or a minimum ½ day charge for less than 4 hours on-site.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Dynamic Traffic, LLC	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor or single-member LLC ☒ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► P Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. ☐ Other (see instructions) ►	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions. 1904 Main Street	Requester's name and address (optional)
	6 City, state, and ZIP code Lake Como, NJ 07719	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

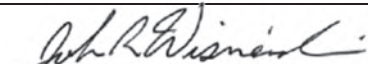
Social security number									
			-				-		
or									
Employer identification number									
4	5		-	4	4	9	8	9	1 0

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ► 	Date ► 5/2/2023
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name: DYNAMIC TRAFFIC LLC

Trade Name:

Address: 1904 MAIN STREET
LAKE COMO, NJ 07023

Certificate Number: 1696973

Effective Date: June 07, 2012

Date of Issuance: December 06, 2022

For Office Use Only:

20221206160348239

CERTIFICATE OF EMPLOYEE INFORMATION REPORT RENEWAL

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-Mar-2023** to **15-Mar-2030**

DYNAMIC TRAFFIC, LLC
1904 MAIN STREET
LAKE COMO

NJ 07719



Elizabeth Maher Muoio

ELIZABETH MAHER MUOIO

State Treasurer



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/18/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Cedar Risk Management & Insurance Services Inc 349 State Hwy 31 Ste 201 Flemington, NJ 08822	CONTACT NAME: Christine Leaser PHONE (A/C, No, Ext): (908)237-1800 FAX (A/C, No): (908)788-2054 E-MAIL ADDRESS: cleaser@cedarrisk.com
INSURED	Dynamic Traffic, LLC 1904 Main St Lake Como, NJ 07719-2953	INSURER(S) AFFORDING COVERAGE INSURER A: Continental Casualty Co NAIC #: 35289 INSURER B: National Fire Ins Co of Hartford 20508 INSURER C: The Continental Insurance Co 35289 INSURER D: The Continental Insurance Co 20508 INSURER E: Scottsdale Ins Co 41297 INSURER F:

COVERAGES

CERTIFICATE NUMBER: 00018318-20451847

REVISION NUMBER: 38

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC OTHER:			6078692106	06/19/2024	06/19/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			6078692090	06/19/2024	06/19/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 10,000			6078692123	06/19/2024	06/19/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☒ N	N/A	6078692087	06/19/2024	06/19/2025	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liab			JES0000096	06/19/2023	12/19/2024	Per Claim 5,000,000 Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

For Evidence Only

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

 (CXL)

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**Consulting & Municipal
ENGINEERS**

3141 Bordentown Avenue
Parlin, NJ, 08859
732.727.8000 ☎
www.cmeusa1.com 🌐

October 24, 2024

Sent Via Electronic and Regular Mail

Zayibeth Carballo, Director / Municipal Engineer
Township of West Orange
66 Main Street
West Orange, NJ 07052

**Re: *Estimate of Fees for Professional Engineering Services
Stop Control and All Way Stop Analysis at
Various Locations
Township of West Orange, Essex County, NJ***

Dear Ms. Carballo:

We are pleased to present our estimate of fees for rendering professional services for the Stop Control and All Way Stop Analysis at the various locations referenced below.

Stop Control Intersections

1. Lancaster Terrace and Manchester Road
2. Manchester Road and Westminster Terrace
3. Normandy Terrace and Manchester Road
4. Cheshire Terrace and Nottingham Road
5. Devonshire Terrace and Nottingham Road
6. Nottingham Road and Normandy Terrace
7. Westminster Terrace and Nottingham Road
8. Brook Place and Mount Pleasant Place
9. Vosseler Ct and Vosseler Terrace
10. Sylvan Place and Burnett Terrace
11. Gilbert Place and Bradford Ave
12. Devon Drive and Mountain Way
13. Mountain Way S and Mountain Way
14. Cullen Drive and Carlson Road

All Way Stop Intersections

15. Lowell Ave. And Mountain Way And Luddington Rd.

CONSULTING AND MUNICIPAL ENGINEERS LLC
NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28359000
Barnegat • Berlin • Camden • Howell • Medford • Monmouth Junction • Parlin



Ms. Zayibeth Carballo
Township of West Orange
Re: Professional Engineering Services
Stop Control and All Way Stop Analysis

October 24, 2024

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16. Mississippi Ave. And Maple St.
17. Dartmouth Road and Winding Way

It is the intent of this analysis to evaluate the existing field conditions in conjunction with the Manual on Uniform Traffic Control Devices (MUTCD), Section 2B.11, Minor Road Stop Control and Section 2B.12, All-Way Stop Control guidance, in order to evaluate the viability of implementing an All-Way stop condition at this location.

We anticipate that performing the following tasks will be included in the Stop Control Analysis:

- Perform site visits and inventory existing conditions
- Collect and Evaluate AM and PM Peak Hour Vehicular, Bus, Truck, and Pedestrian Traffic Volume Data through Manual Turning Movement Counts at the Unsignalized Intersections during a mid-week weekday for 4 AM hours and 4 PM hours
- Request and review crash data for the last three years from the Township Police Department and the NJDOT's Safety Voyager
- Evaluate the field conditions and the data collected in accordance with the engineering study criteria set forth in the MUTCD Section 2B.11, Minor Road Stop Control, relative to crashes and minimum volumes
- Review the need to control left-turn conflicts at the intersection
- Review the need to control vehicle and pedestrian conflicts at the intersection
- Review available sight distance at the intersection in accordance with AASHTO standards
- Prepare a Summary Report of the MUTCD Stop Control Analysis including recommendations

Total Lump Sum Fee for Stop Control Analysis Services\$31,186.00

We anticipate that performing the following tasks will be included in the All-Way Stop Analysis:

- Perform site visits and inventory existing conditions
- Collect and Evaluate AM and PM Peak Hour Vehicular, Bus, Truck, and Pedestrian Traffic Volume Data through Manual Turning Movement Counts at the Unsignalized Intersections during a mid-week weekday for 13 hours 6am – 7pm
- Request and review crash data for the last three years from the Township Police Department and the NJDOT's Safety Voyager



**Consulting & Municipal
ENGINEERS**

Ms. Zayibeth Carballo
Township of West Orange
Re: Professional Engineering Services
Stop Control and All Way Stop Analysis

October 24, 2024

Page 3

- Evaluate the field conditions and the data collected in accordance with the engineering study criteria set forth in the MUTCD Section 2B.12, All-Way Stop Applications, relative to crashes and minimum volumes
- Review the need to control left-turn conflicts at the intersection
- Review the need to control vehicle and pedestrian conflicts at the intersection
- Review available sight distance at the intersection in accordance with AASHTO standards
- Evaluate operational characteristics of the intersection including Existing and Proposed Level of Service, Capacity and Delay Analyses using the Highway Capacity Software in accordance with the latest Highway Capacity Manual at the study intersection
- Prepare a Summary Report of the MUTCD All-Way Stop Analysis including recommendations
- Attend one meeting to review the report

Total Lump Sum Fee for All Way Stop Analysis Services\$26,600.00

Total Lump Sum Fee for Services\$57,786.00

Exceptions:

- Any work not specified as listed in the above phase shall be considered additional services and will be invoiced at the time said work is authorized by the Township.

Should this fee estimate meet your approval, please provide our office with a professional services agreement or resolution as an indication of the work to proceed. In the meantime, should you have any questions concerning this matter, please do not hesitate to contact this office.

Very truly yours,

CME Associates

Trevor J. Taylor, PE, PP, CME, CFM
For the Firm

TT/kec/jcw

October 25, 2024

Via Email: zcarballo@westorange.org

Zayibeth Y. Carballo
Director/Municipal Engineer
Township of West Orange
25 Lakeside Avenue
West Orange, NJ 07052

RE: Proposal to Provide Professional Engineering Services for
Stop Control and All-Way Stop Analysis at Various Locations
Township of West Orange, Essex County, NJ

Dear Ms. Carballo:

This scope of services is relative to the above-referenced analyses as per the Township's RFP dated October 8, 2024.

The following tasks will be performed as a part of the traffic study:

I. STOP CONTROL ANALYSIS

- a. Field View – A field view will be performed at each of the fourteen (14) study intersection locations to observe existing road and traffic conditions. Notations of existing physical characteristics of the road system (e.g., road/lane widths, parking, speed limits and other signing, sight distances/restrictions, lighting, crash debris, etc.) will be made. Photographs (digital) of each approach will be collected as a part of the field view.

The fourteen intersections are listed as follows:

1. Lancaster Terrace and Manchester Road
2. Manchester Road and Westminster Terrace
3. Normandy Terrace and Manchester Road
4. Cheshire Terrace and Nottingham Road
5. Devonshire Terrace and Nottingham Road
6. Nottingham Road and Normandy Terrace
7. Westminster Terrace and Nottingham Road
8. Brook Place and Mount Pleasant Place
9. Vosseler Ct and Vosseler Terrace
10. Sylvan Place and Burnett Terrace
11. Gilbert Place and Bradford Ave
12. Devon Drive and Mountain Way
13. Mountain Way S and Mountain Way
14. Cullen Drive and Carlson Road

- b. Traffic Data – Classified intersection turning movement traffic counts will be collected at each of the fourteen (14) study intersection locations. Counts are needed to determine which intersection approaches have the higher traffic volumes (and thus are the predominant movements).

- Counts will extend from 7:00 to 9:00 AM and from 4:00 to 6:00 PM on a typical Tuesday, Wednesday, or Thursday.
- Count Classification:
 - Motorcycles
 - Cars & Light Goods
 - Buses
 - Single Unit Trucks
 - Articulated Trucks
 - Pedestrians & Bicycles in the crosswalk
- c. Review Crash Data – Available crash data attached to the RFP and available crash history from NJDOT's Safety Voyager system (last 3 full years of available information) will be reviewed to confirm if significant crash data is present. The review will identify trends identifying the predominant crash types at each intersection. Crashes will not be plotted or analyzed.
- d. Prepare Technical Memorandum – A Technical Memorandum will be prepared to include a discussion of each intersection. Information outlined will include:
 - Field view observations
 - Traffic counts (summarized by peak hour and graphically plotted)
 - Findings and recommendations consistent with the 2023 (11th edition) MUTCD

II. ALL WAY STOP WARRANT ANALYSIS

An All-Way STOP Warrant Analysis will be performed in accordance with the new 2023 MUTCD guidelines (11th Edition) for the three (3) intersections listed below:

- Lowell Avenue and Mountain Way and Luddington Road
- Mississippi Avenue and Maple Street
- Dartmouth Road and Winding Way

Work will include the following:

- a. Field View – A field view will be performed at each of the three (3) study intersection locations to observe existing road and traffic conditions. Notations of existing physical characteristics of the road system (e.g., road/lane widths, parking, speed limits and other signing, sight distances/restrictions, lighting, crash debris, etc.) will be made. Photographs (digital) of each approach will be collected as a part of the field view.
- b. Review Available Crash History – GPI will review recent crash history (last 3 full years of available information) obtained from the West Orange Police Department to confirm if significant crash history is present. NJ Safety Voyager will also be utilized to review crash history for most recent full three (3) years of available crash records. The review will identify trends regarding the predominant crash types at each intersection. Crashes will not be plotted or analyzed.
- c. Traffic Data – Classified intersection turning movement traffic counts will be collected at each of the three (3) study intersection locations.
 - Counts will extend from 7:00 AM to 6:00 PM on a typical Tuesday, Wednesday, or Thursday when schools are in regular session.

- Count Classification:
 - Motorcycles
 - Cars & Light Goods
 - Buses
 - Single Unit Trucks
 - Articulated Trucks
 - Pedestrians & Bicycles in the crosswalk
- d. All Way Stop Warrant Analysis – As noted on pages 78 – 79 of 1161 of the 2023 MUTCD, the following warrants will be evaluated:
 - Warrant A: Crash Experience – It is assumed that GPI will review the crash summary information for Years 2021, 2022, and 2023 collected through NJDOT's Safety Voyager database, as well as the individual crash records collected from the West Orange Police Department. Crash diagrams will not be prepared as they are not required for the Warrant Analysis.
 - Warrant B: Sight Distance – We will obtain sight distance calculations for each approach. Actual field conditions will be taken into account as on-street parking may obstruct sight distances. GPI will then apply this information to this warrant analysis.
 - Warrant C: Transition to Signal Control or Transition to Yield Control at a Circular Intersection – It is assumed that this warrant is not applicable since there are currently no arrangements being made for the installation of a traffic control signal, and this intersection is not circular in nature.
 - Warrant D: 8-Hour Volume (Vehicles, Pedestrians, Bicycles) – The traffic data as summarized in Task II.c. (above) will be utilized to perform this warrant. Charts and/or tables will be prepared as required.
 - Warrant E: Other Factors – Engineering judgement will be utilized to determine if any other conditions may exist to warrant the need for All-Way STOP traffic control at these intersections.
- e. Levels of Service (LOS) Analyses – LOS analyses will be performed for the weekday peak traffic hours (AM and PM peak traffic periods) for the three (3) intersections based on policies and guidance as contained in the Highway Capacity Manual (HCM) 7th Edition. Results of the analyses will be presented in tabular form.
- f. Technical Memorandum – A draft Technical Memorandum (Report of Findings) will first be prepared and presented to the Township that summarizes the work associated with this study. Recommendations for next steps will be included, if and as applicable. A final Technical Memorandum incorporating any comments received from the Township will then be prepared and submitted.
- g. Project Management, QA/QC, and Meeting Attendance - It is assumed that this assessment will be completed within four (4) months of notice to proceed. It is assumed that GPI will attend up to one (1) virtual meeting with the Township to review and present the results of this assessment.

NOTE: This proposal does not include the identification for the type, size, and/or location of any signs or pavement markings. This work would have to be performed as a part of a separate design project.

FEE PROPOSAL

The fee proposal associated with this technical scope of work is attached.

Zayibeth Y. Carballo
Director/Municipal Engineer

October 25, 2024

We are pleased to have this opportunity to be of continued service to the Township of West Orange and hope you will find our proposal favorable. We would be happy to provide additional information or assistance as your needs dictate. My direct line is (973) 434-8349.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Andrew Cangiano', is written over the typed name.

Andrew Cangiano, PE, CME
Director of Engineering

AC/rem

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cc: Bernard Boerchers
Erich Hizer
Janie Tubito

**Professional Engineering Services for
Stop Control and All Way Stop Analysis at Various Locations
Township of West Orange**

**FEE SUMMARY
October 25, 2024**

Activity	Task No.	Project Director	Project Manager	Engineer	Technician	Jr. Engineer	Total Hours	Total \$
Hourly Rate		\$142.33	\$107.72	\$66.22	\$56.00	\$37.80		
Field View	I.a	0	1	24	0	24	49	\$2,604.20
Traffic Data	I.b	0	2	0	40	12	54	\$2,909.04
Review Crash Data	I.c	0	4	8	0	16	28	\$1,565.44
Prepare Technical Memorandum	I.d	1	4	24	0	4	33	\$2,313.69
Field View	II.a	0	1	12	0	12	25	\$1,355.96
Review Available Crash History	II.b	0	2	6	0	16	24	\$1,217.56
Traffic Data	II.c	0	2	0	10	4	16	\$926.64
All Way Stop Warrant Analysis	II.d	0	4	24	24	36	88	\$4,724.96
Levels of Service (LOS) Analyses	II.e	0	2	4	0	8	14	\$782.72
Technical Memorandum	II.f	0	6	28	0	4	38	\$2,651.68
Project Management, QA/QC, and Meeting Attendance (1 Virtual)	II.g	3	28	8	0	4	43	\$4,124.11
Total Hours		4	56	138	74	140	412	
Total \$		\$569.32	\$6,032.32	\$9,138.36	\$4,144.00	\$5,292.00		\$25,176.00

Direct Labor	\$25,176.00
Overhead (163.41%)	\$41,140.11
Fixed Fee (10%)	\$6,631.61
Dir. Exp. (MioVision, mileage, etc.)	\$4,700.00
GPI Subtotal:	\$77,647.72
Subconsultant: (N/A)	\$0.00
Grand Total:	\$77,647.72