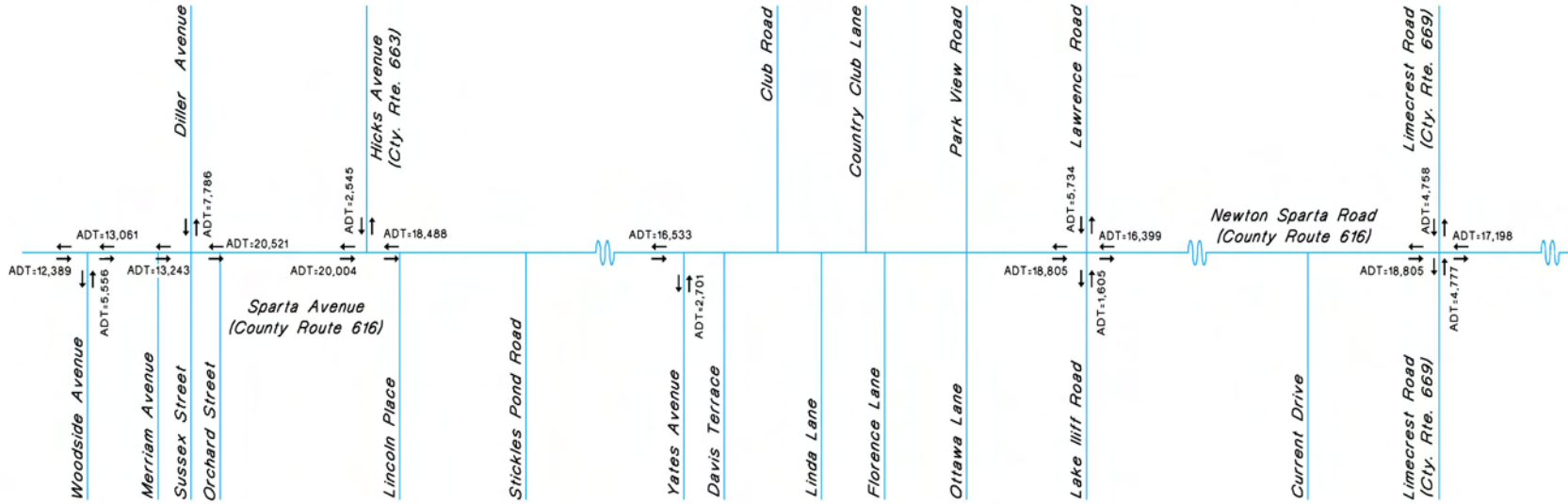


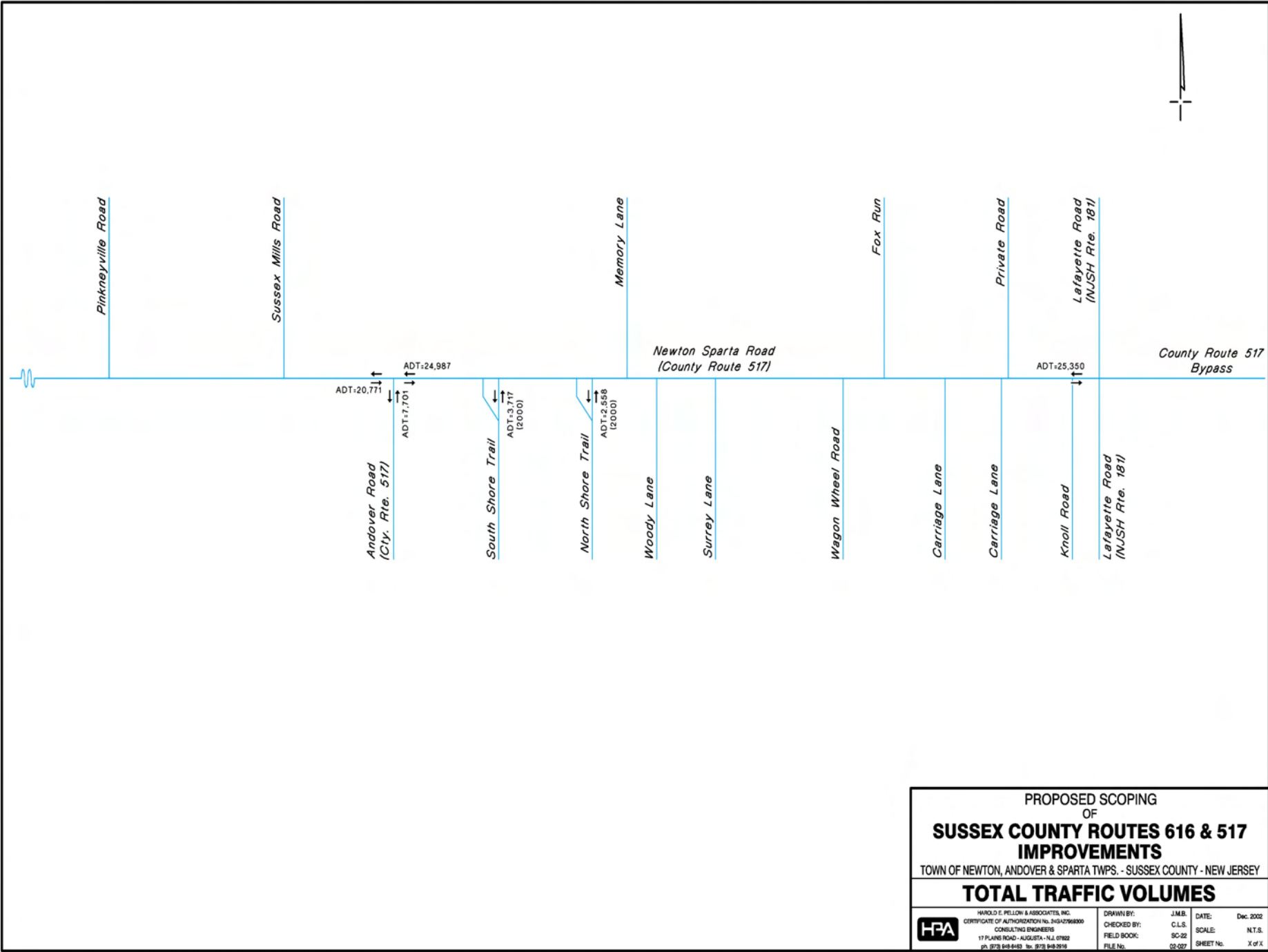
**Scoping Phase for Operations & Safety Improvements  
To  
Newton-Sparta Road (CR 616 & CR 517)**

# **Automated Traffic Recorder Volumes**



**PROPOSED SCOPING**  
 OF  
**SUSSEX COUNTY ROUTES 616 & 517**  
**IMPROVEMENTS**  
 TOWN OF NEWTON, ANDOVER & SPARTA TWPS. - SUSSEX COUNTY - NEW JERSEY  
**TOTAL TRAFFIC VOLUMES**

	HAROLD E. PELLOW & ASSOCIATES, INC. CERTIFICATE OF AUTHORIZATION No. 24042766000 CONSULTING ENGINEERS 17 PLAINS ROAD - AUGUSTA - N.J. 07922 ph: 873 848-6463 fax: 873 848-2919	DRAWN BY: CHECKED BY: FIELD BOOK: FILE No.	J.M.B. C.L.S. SC-22 02-027	DATE: Dec. 2002 SCALE: N.T.S. SHEET No. X of X

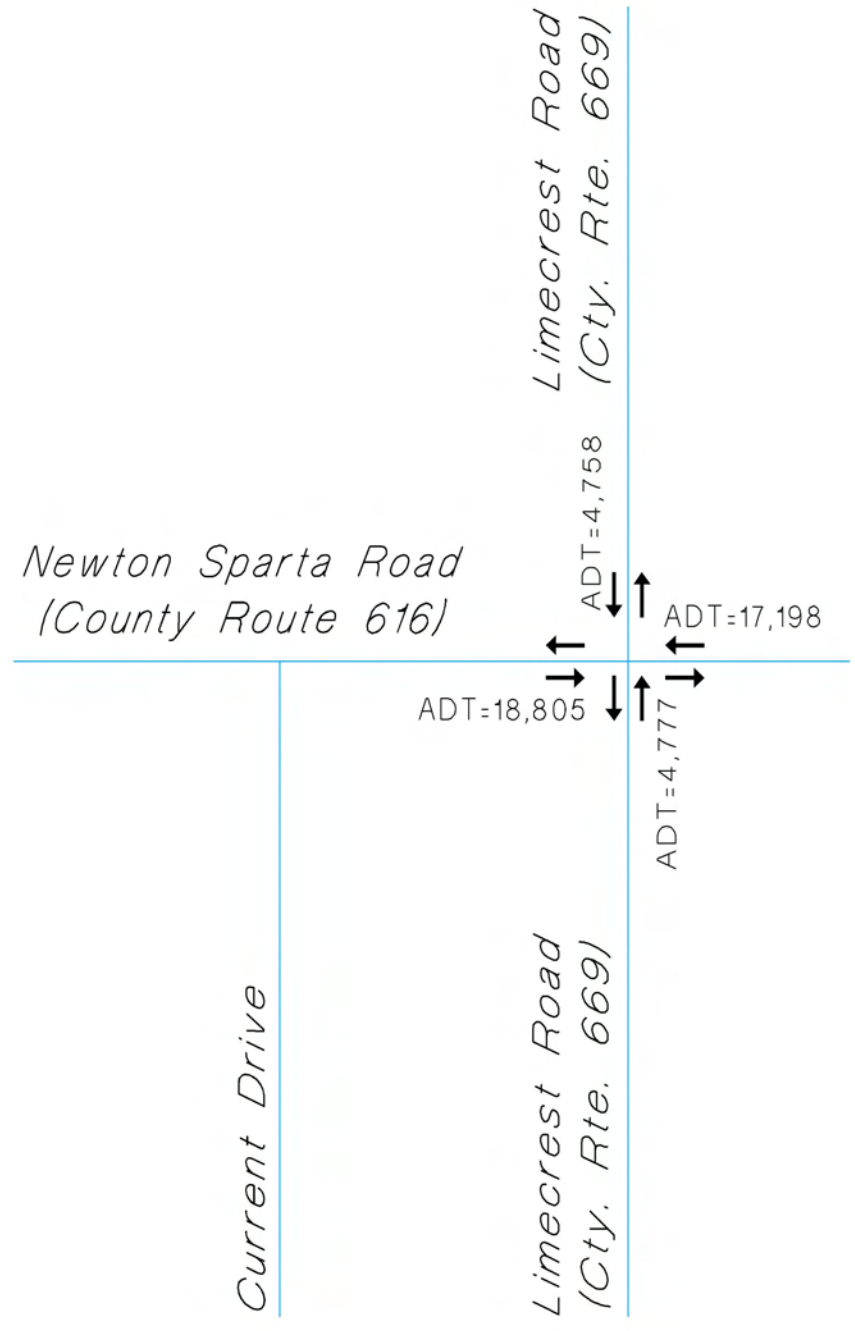
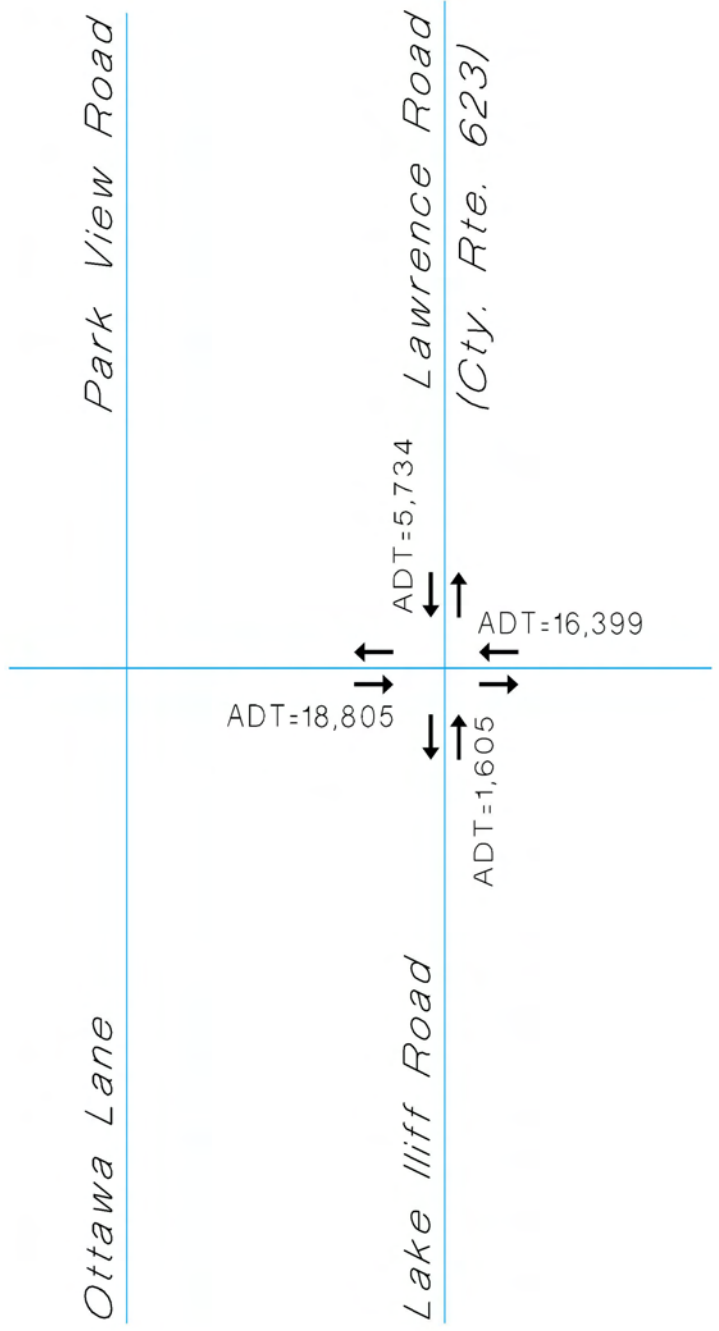


**PROPOSED SCOPING  
OF  
SUSSEX COUNTY ROUTES 616 & 517  
IMPROVEMENTS**

TOWN OF NEWTON, ANDOVER & SPARTA TWPS. - SUSSEX COUNTY - NEW JERSEY

**TOTAL TRAFFIC VOLUMES**

	HAROLD E. PELLOW & ASSOCIATES, INC. CONSULTING ENGINEERS 17 PLAINS ROAD - AUGUSTA - N.J. 07922 ph: 878 848-6483 fax: 878 848-2916		DRAWN BY: CHECKED BY: FIELD BOOK: FILE No.	J.M.B. C.L.S. SC-22 02-027	DATE: SCALE: SHEET No.	Dec. 2002 N.T.S. X of X



ADT=20,771

*Andover Road  
(Cty. Rte. 517)*

ADT=7,701

ADT=24,987

*South Shore Trail*

ADT=3,717  
(2000)

*North Shore Trail*

ADT=2,558  
(2000)

*Memory Lane*

ADT=25,350

*Knoll Road*

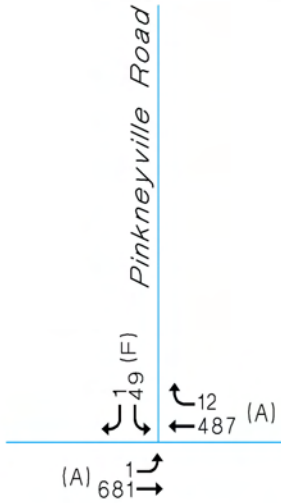
*Lafayette Road  
(NJSH Rte. 181)*

*Lafayette Road  
(NJSH Rte. 181)*

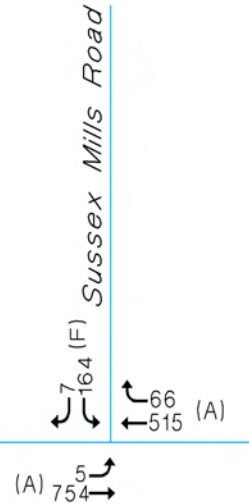
**Existing & Projected  
AM & PM Peak Hour Traffic  
Volumes  
(Without Improvements)**

# EXISTING TRAFFIC VOLUMES WITHOUT IMPROVEMENTS

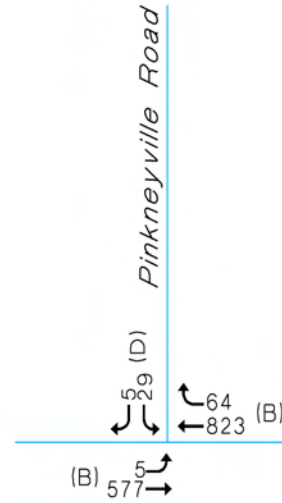
*Pinkneyville Road*  
 Peak Hr.: 7:30-8:30 AM  
 Intersection L.O.S.=F



*Sussex Mills Road*  
 Peak Hr.: 8:00-9:00 AM  
 Intersection L.O.S.=F



*Pinkneyville Road*  
 Peak Hr.: 4:00-5:00 PM  
 Intersection L.O.S.=D



*Sussex Mills Road*  
 Peak Hr.: 4:00-5:00 PM  
 Intersection L.O.S.=F

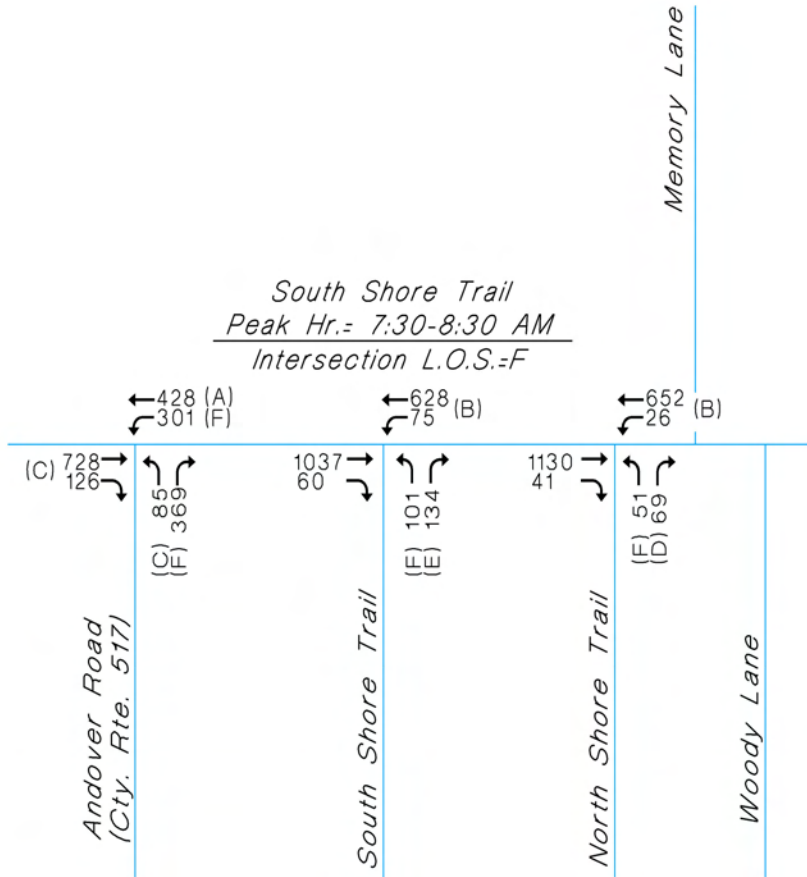


## AM VOLUMES

## PM VOLUMES



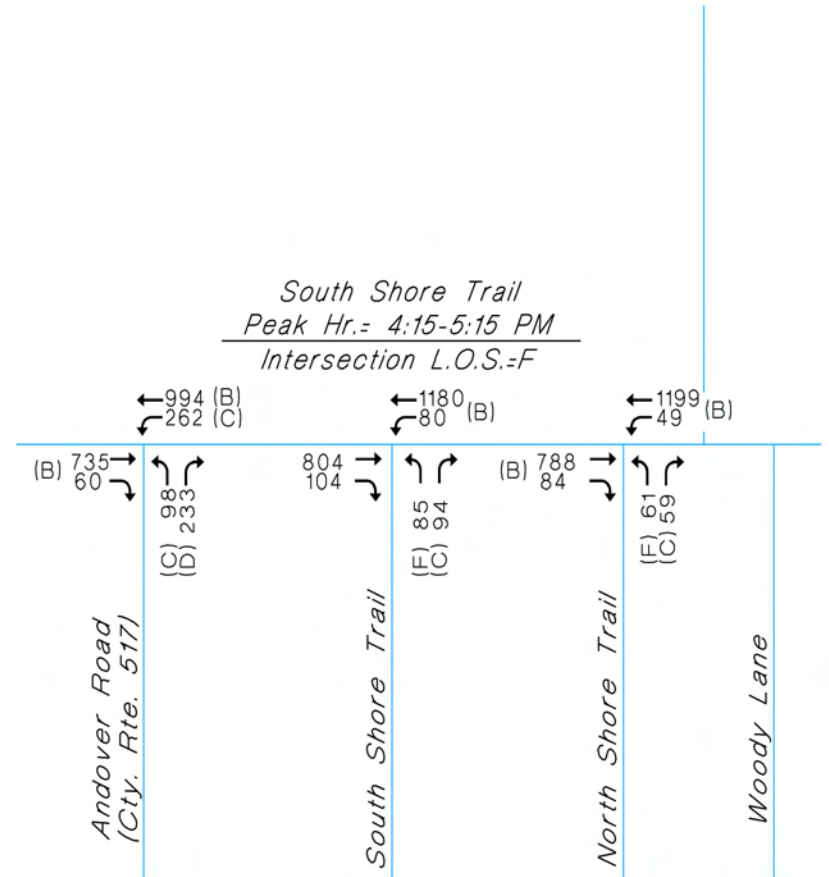
# EXISTING TRAFFIC VOLUMES WITHOUT IMPROVEMENTS



*Andover Rd. (C.R. 517)  
Signalized  
Peak Hr.= 7:30-8:30 AM  
Intersection L.O.S.=F*

*North Shore Trail  
Peak Hr.= 8:00-9:00 AM  
Intersection L.O.S.=F*

## AM VOLUMES



*Andover Rd. (C.R. 517)  
Signalized  
Peak Hr.= 4:15-5:15 PM  
Intersection L.O.S.=B*

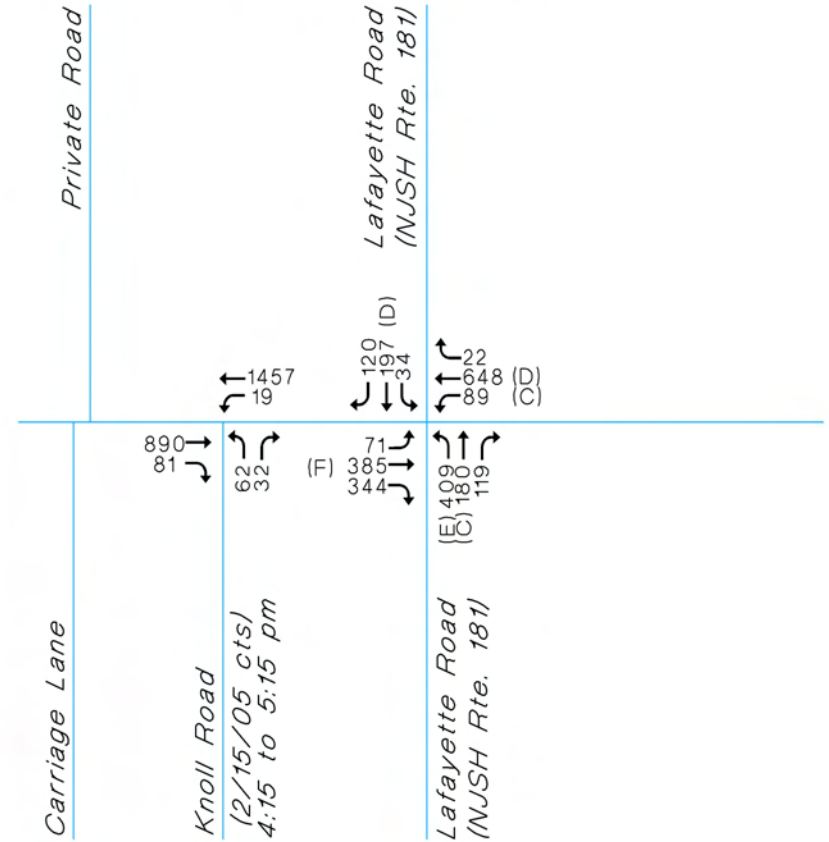
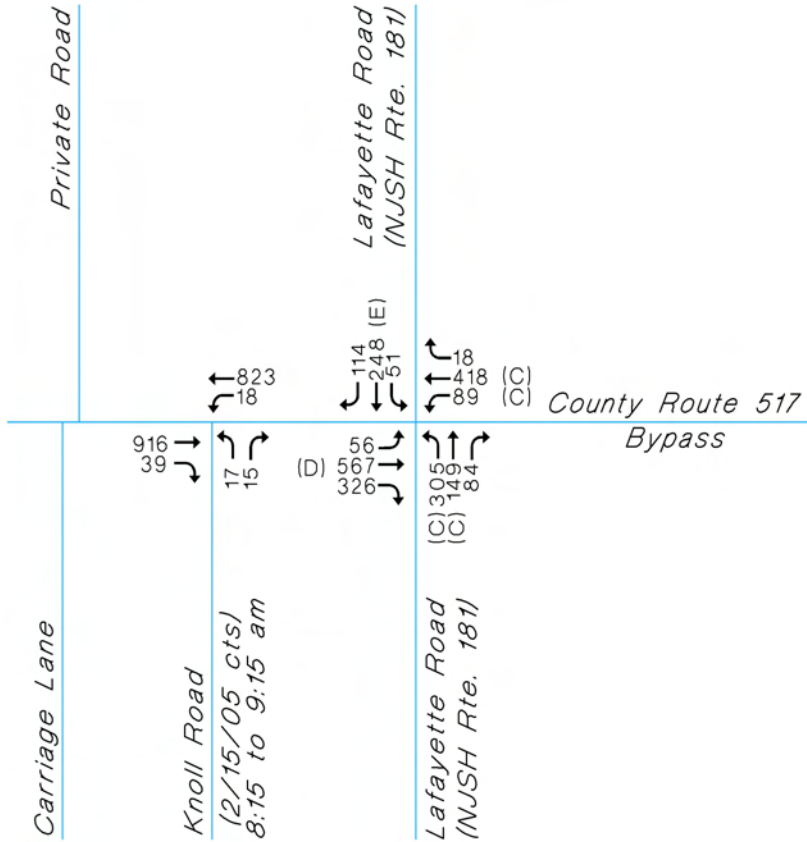
*North Shore Trail  
Peak Hr.= 4:15-5:15 PM  
Intersection L.O.S.=F*

## PM VOLUMES

# EXISTING TRAFFIC VOLUMES WITHOUT IMPROVEMENTS

Rte. 181  
Signalized  
Peak Hr.= 8:15-9:15 AM  
Intersection L.O.S.=D

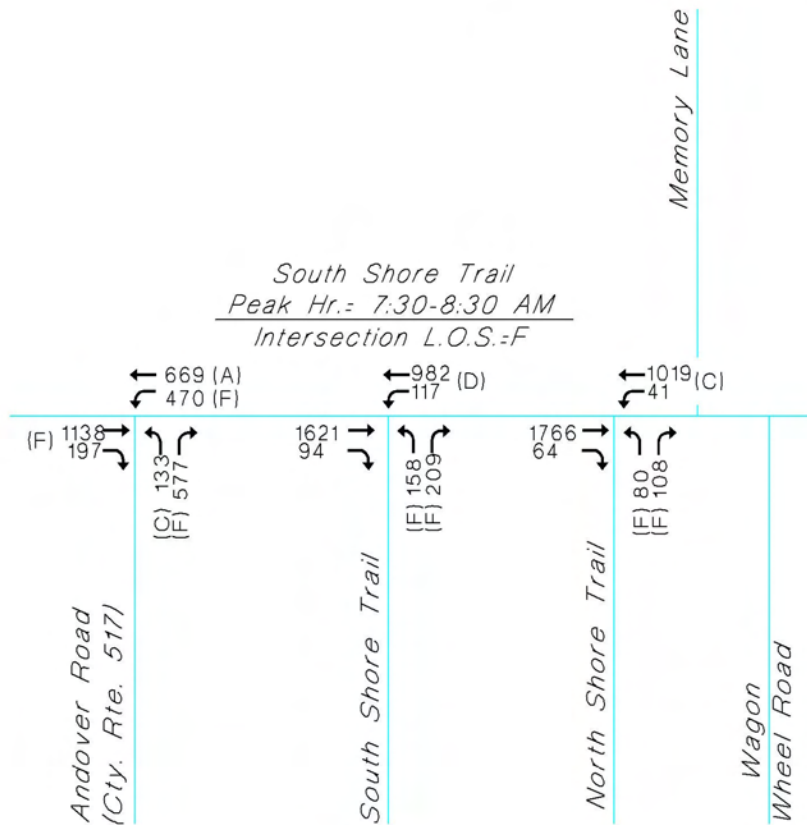
Rte. 181  
Signalized  
Peak Hr.= 3:45-4:45 PM  
Intersection L.O.S.=F



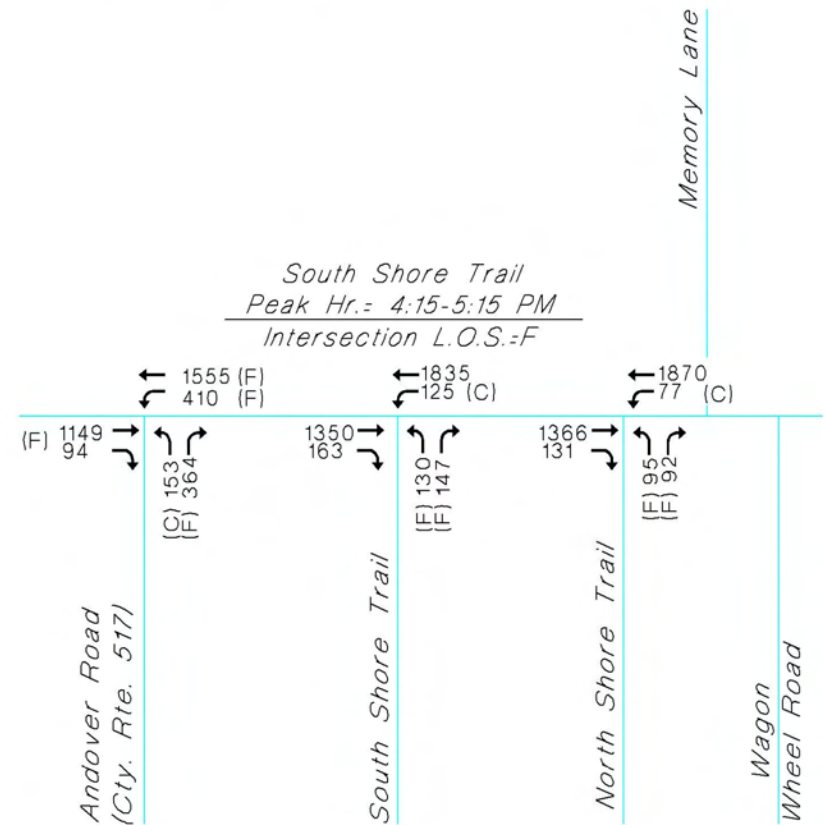
**AM VOLUMES**

**PM VOLUMES**

## RTE. 517 TO MEMORY LANE - NO IMPROVEMENTS (Using 30 Year Projected Traffic Volumes)



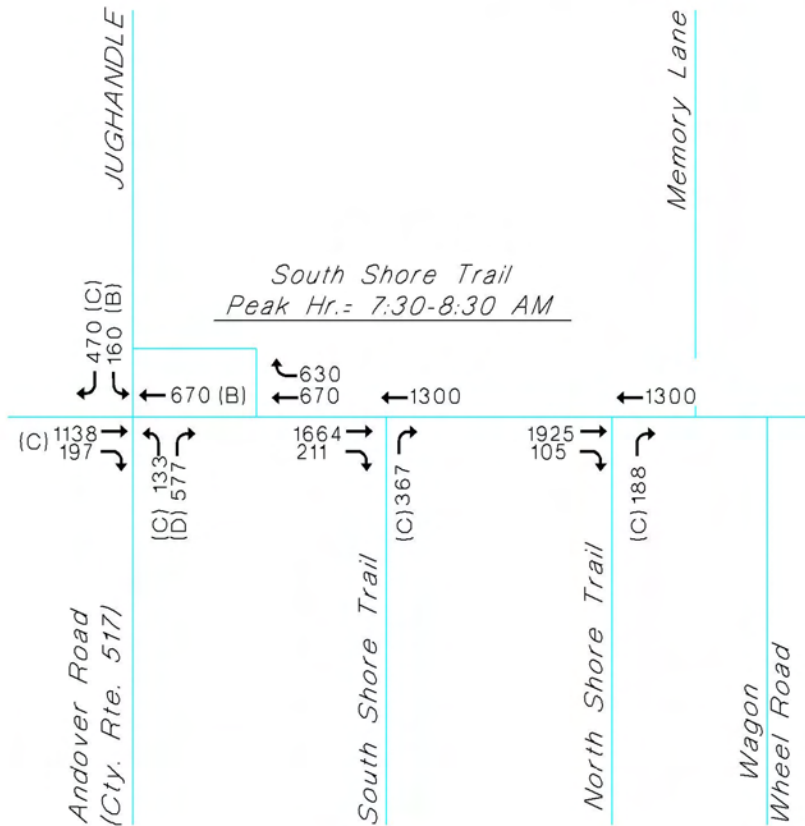
### AM VOLUMES



### PM VOLUMES

**Projected  
AM & PM Peak Hour Traffic  
Volumes  
(With Improvements)**

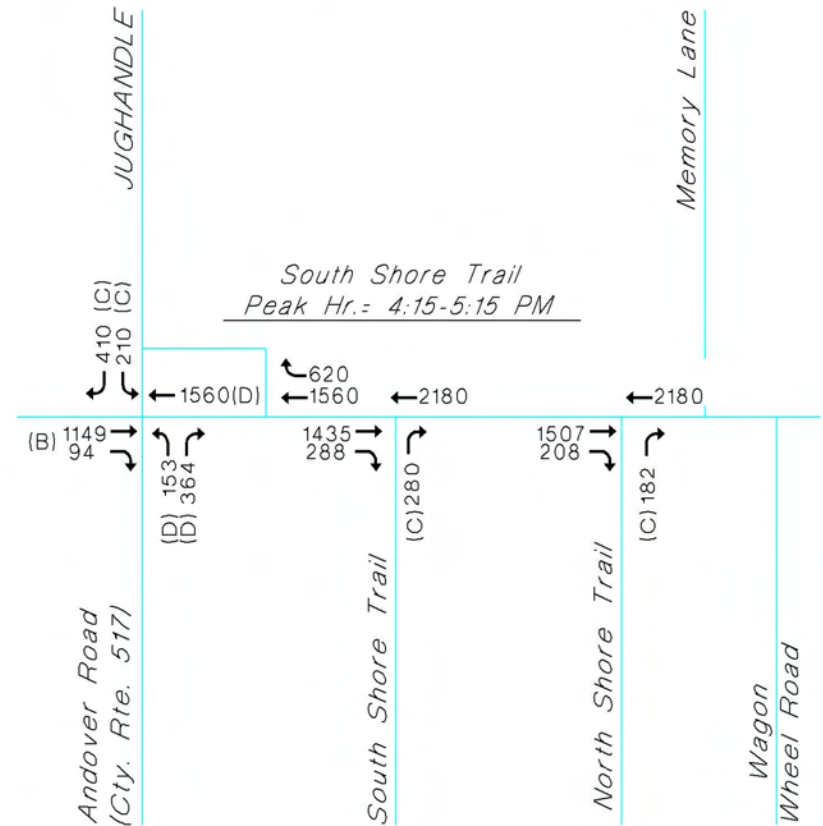
## RTE. 517 TO MEMORY LANE - SCHEME #3 (DUAL LANES) (Using 30 Year Projected Traffic Volumes)



*Andover Rd. (C.R. 517)  
Signalized  
Peak Hr.: 7:30-8:30 AM  
Intersection L.O.S.=C*

*North Shore Trail  
Peak Hr.: 7:30-8:30 AM*

### AM VOLUMES



*Andover Rd. (C.R. 517)  
Signalized  
Peak Hr.: 4:15-5:15 PM  
Intersection L.O.S.=C*

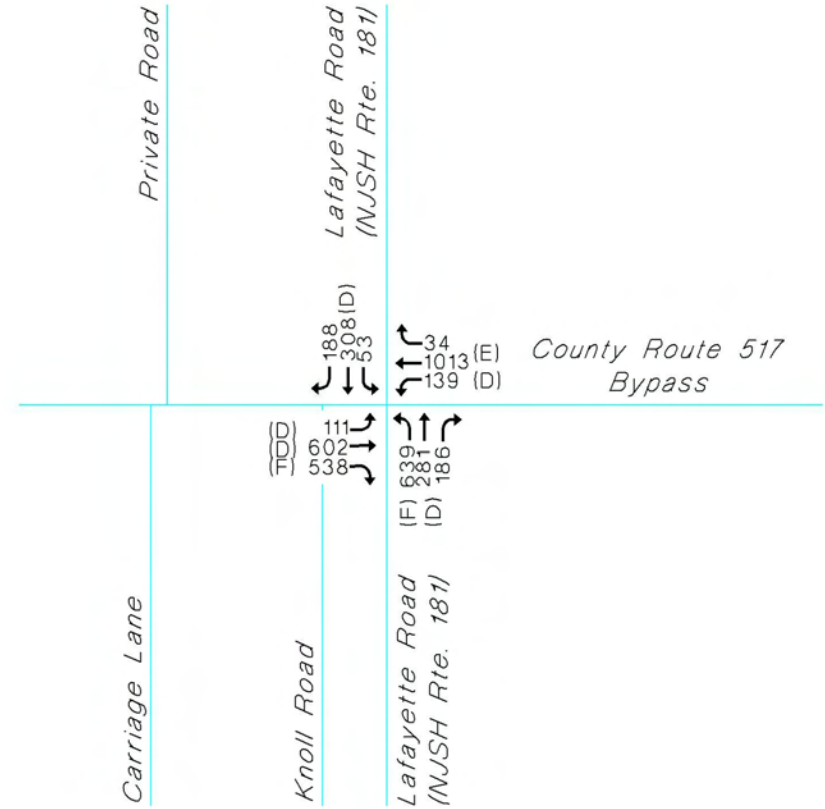
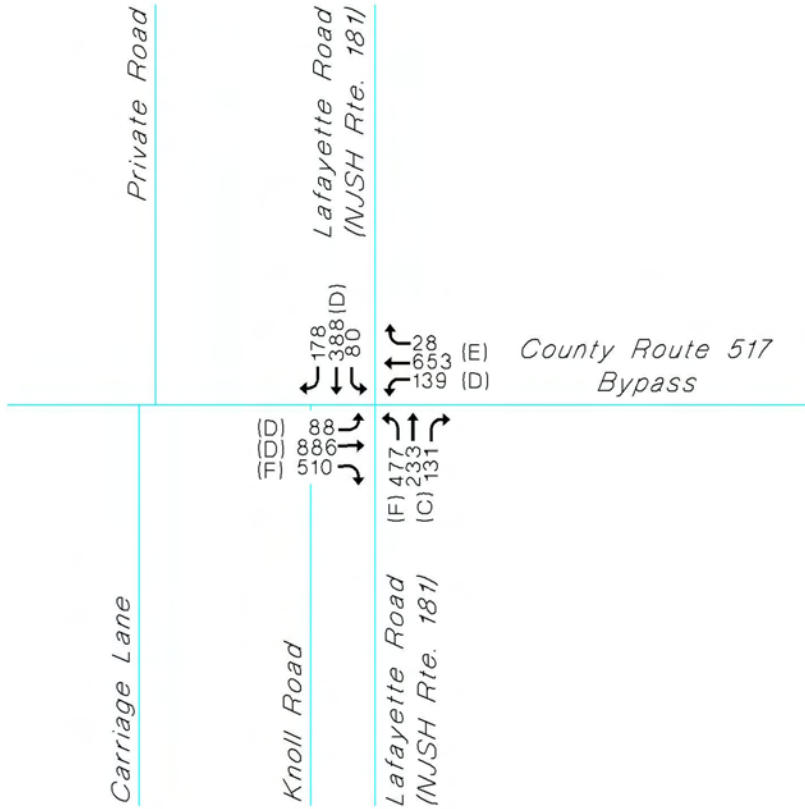
*North Shore Trail  
Peak Hr.: 4:15-5:15 PM*

### PM VOLUMES

# RTE 517 / NJSH RTE 181 WITH IMPROVEMENTS (Using 30 Year Projected Traffic Volumes)

*Rte. 181  
Signalized  
Peak Hr.: 8:15-9:15 AM*

*Rte. 181  
Signalized  
Peak Hr.: 3:45-4:45 PM*



**AM VOLUMES**

**PM VOLUMES**