

Transportation Supplemental Review

- VAI prepared responses to comments provided by:
 - Town of Norwell Working Group on Traffic
 - Zoning Board of Appeals and public comment
 - Town's Peer Review Consultant CHA
- As requested, VAI prepared written responses to all comments
- Applicant and VAI met with Working Group October 14, 2021

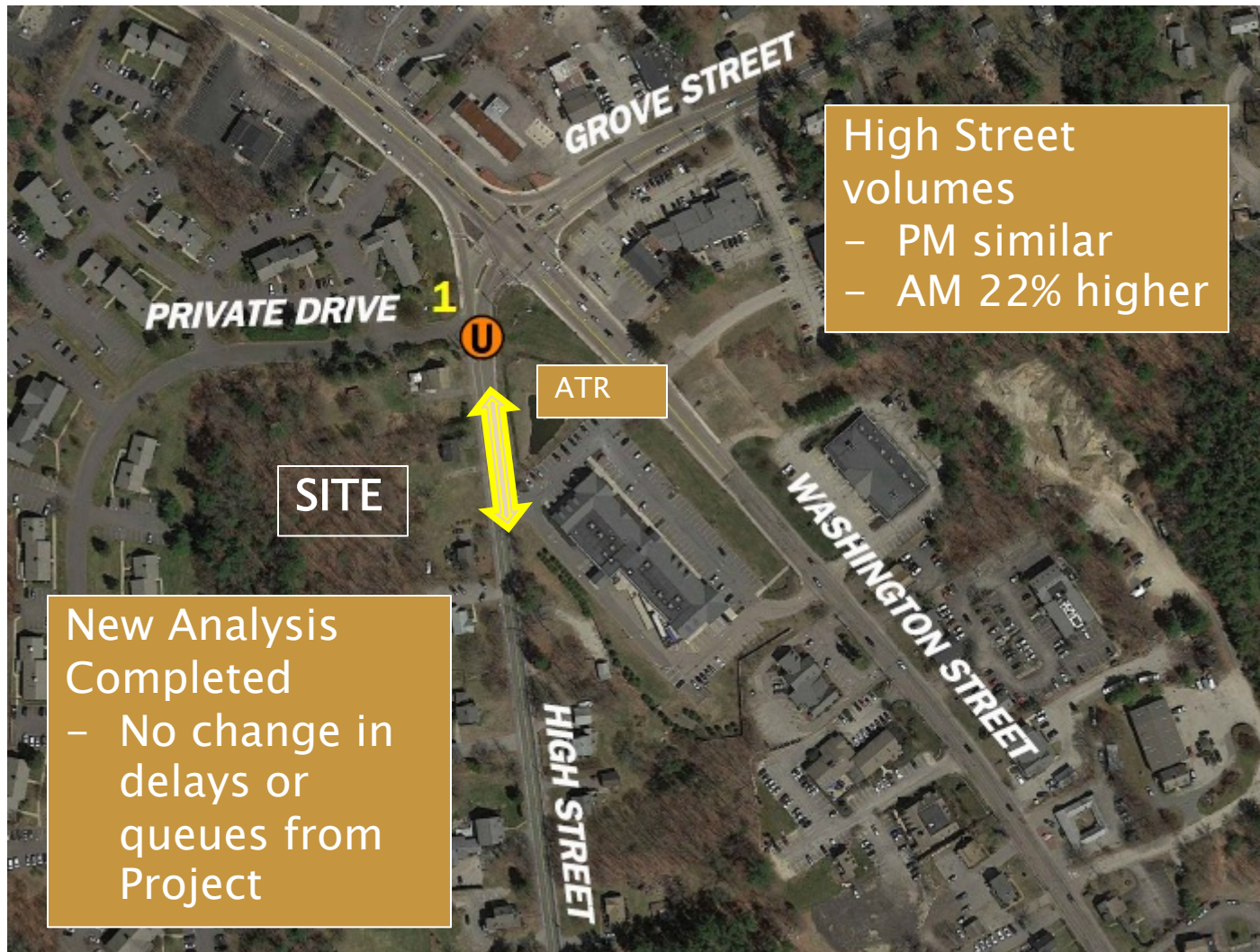


Transportation Supplemental Review (continued)

- Issue Areas
 - COVID 19 Traffic Adjustments (New Data was collected as part of response)
 - CTPS Corridor Study Adjustments
 - Other pre-COVID 19 traffic studies
 - Other Background Projects
 - Northern Driveway operations
 - Visitor Parking
 - CVS Driveway
 - High Street Pedestrian Crosswalk
 - Stress Test – Washington Street/High Street/Grove Street

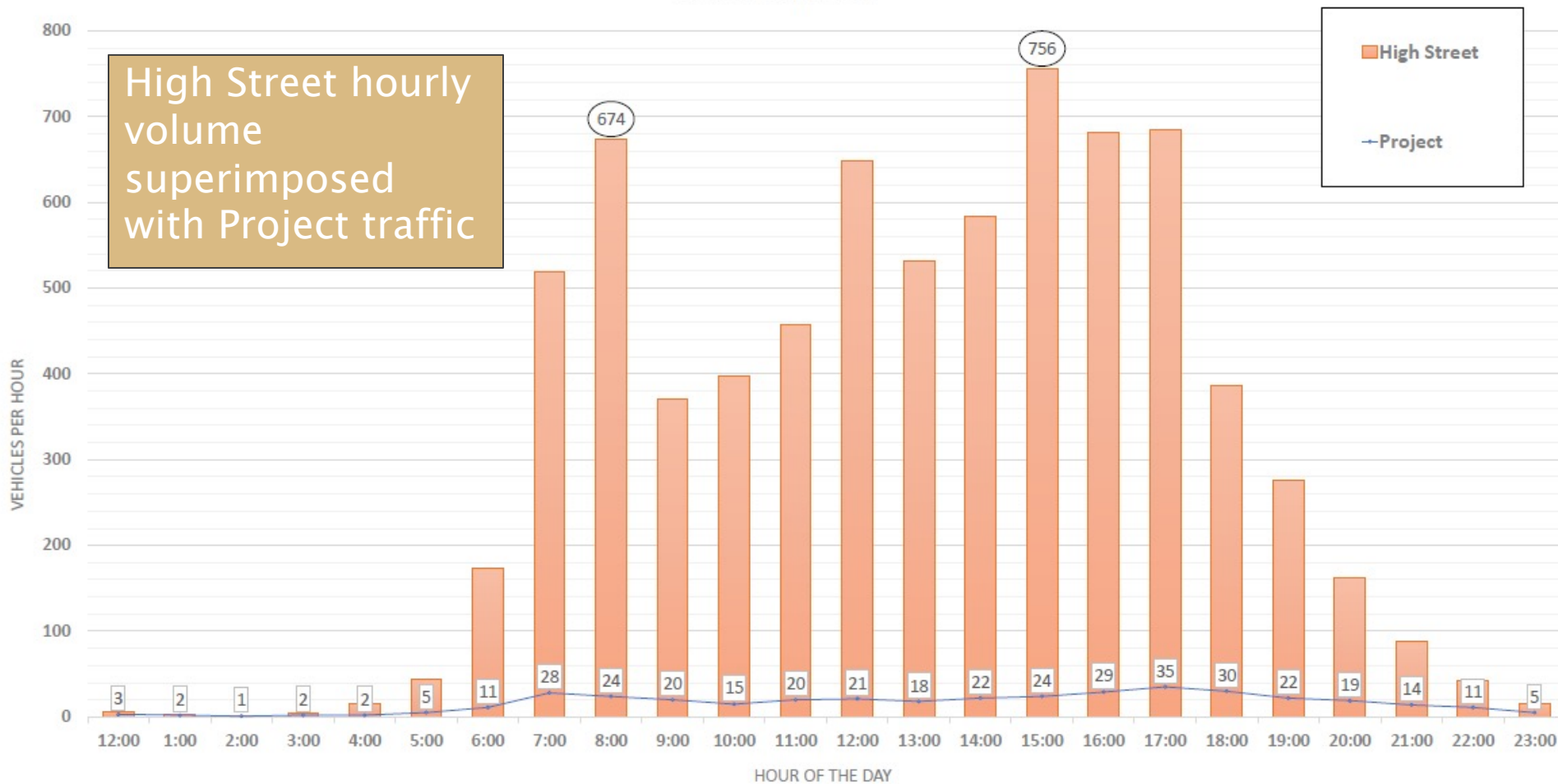


Updated Traffic Counts

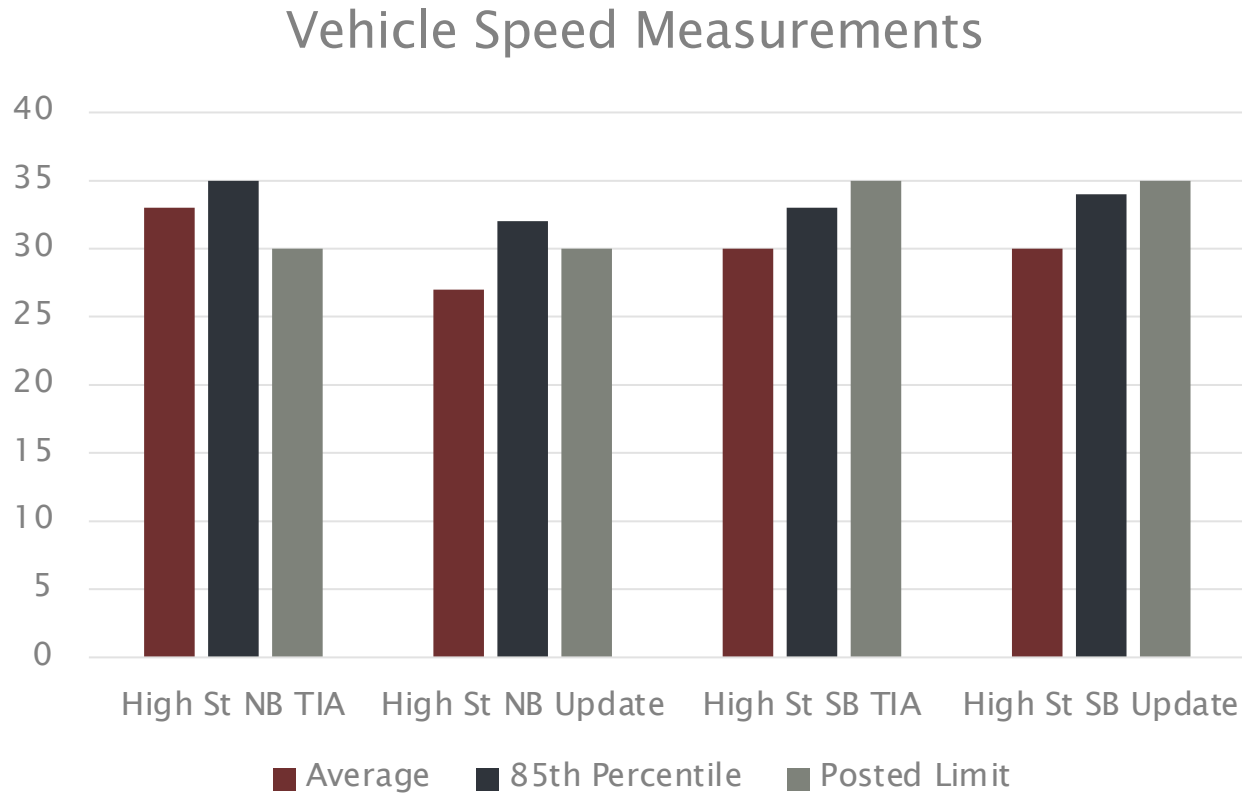


Updated Traffic Counts (continued)

24-Hour Daily Volume



Updated Traffic Counts (continued)



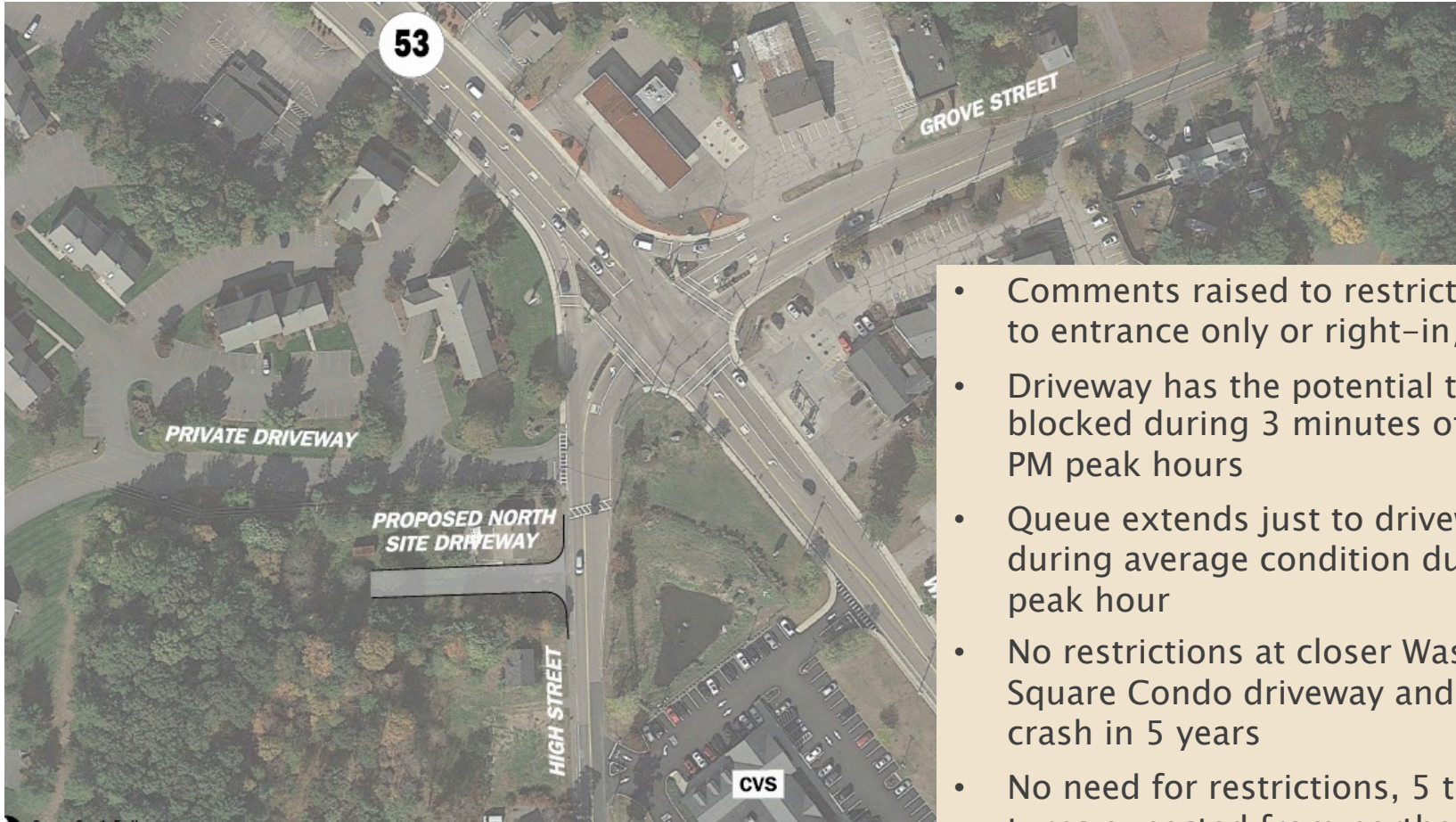
- Over 15,000 data points with Update data from September 2021.
- Verifies data from initial study.



Other Background Developments



Northern Site Driveway

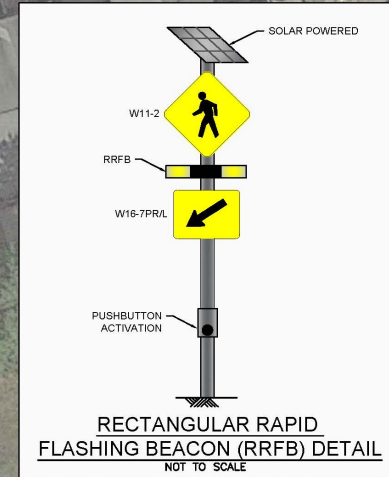


- Comments raised to restrict driveway to entrance only or right-in/right-out
- Driveway has the potential to be blocked during 3 minutes of AM and PM peak hours
- Queue extends just to driveway during average condition during PM peak hour
- No restrictions at closer Washington Square Condo driveway and only 1 crash in 5 years
- No need for restrictions, 5 to 9 left turns expected from northern driveway during AM and PM peak hours

High Street Crosswalk



**POTENTIAL
CROSSWALK
LOCATION**



Stress Test Results

Time Period/Direction	Proposed Residential Trips (56 Units) ^a	50% Factor Residential Trips (84 Units)	100% Factor Residential Trips (112 Units)
Weekday Daily	382	574	764
Weekday Morning Peak Hour:			
Entering	6	9	12
<u>Exiting</u>	<u>21</u>	<u>32</u>	<u>42</u>
Total	27	41	54
Weekday Evening Peak Hour:			
Entering	22	33	44
<u>Exiting</u>	<u>13</u>	<u>20</u>	<u>26</u>
Total	35	55	70

^aBased on ITE LUC 220, *Multifamily Housing (Low-Rise)*.

- 50% and 100% factors increases to trips calculated
- Increases applied to Washington St/High St/Grove St
- **50% Factor** – AM 0.7 second overall delay, 1 vehicle increase in queues, PM no change overall
- **100% Factor** – AM 0.8 seconds overall delay, 2 vehicle increase in queues, PM no change overall



Stress Test Results (continued)

Time Period/Direction	Project Trips (ITE Basis)	Quisset Brook Road, Milton (Counted Basis)	Change, %
Weekday Daily	382	329	-14
Weekday Morning Peak Hour:			
Entering	6	13	--
<u>Exiting</u>	<u>21</u>	<u>14</u>	<u>--</u>
Total	27	27	0
Weekday Evening Peak Hour:			
Entering	22	15	--
<u>Exiting</u>	<u>13</u>	<u>14</u>	<u>--</u>
Total	35	29	-17

Counts of a 56-unit development in Milton observed to be similar or reduced from ITE data.

