400 Columbus Avenue Suite 180E Valhalla, New York 10595 Main: 877 627 3772



April 4, 2025

Chairman John Razzano Town of Wawayanda Planning Board 80 Ridebury Hill Road Slate Hill, NY 10973

Dewpoint North and Dewpoint South Noise Impact Evaluations Town of Wawayanda, Orange County, New York Colliers Engineering & Design Project No. 20006912E

Dear Chairman Razzano and Members of the Planning Board,

We have received a copy of the March 25, 2025 letter from EA Engineering and Geology, P.C. and are writing to provide responses to their comments relative to the Noise Impact Studies submitted for the above referenced projects.

Colliers Engineering & Design had prepared a site-specific Noise Evaluation for Dewpoint South revised dated August 22, 2022. This was later expanded as addressed in the CED memorandum dated January 31, 2025 and CED letter dated February 3, 2025. These latter documents also provided additional information regarding existing and future nighttime noise conditions in reference to the recently adopted Town of Wawyanda Local Law No. 5, 2024 related to Chapter 195 of the Code of the Town of Wawayanda. We are hereby providing the following responses to the EA Engineering letter regarding construction and operating noise for these sites.

#### 1. Construction Phase Comments:

a. A noise impact study should be conducted to determine potential impacts from the construction of the two sites. Any study should also assess the cumulative impact from other nearby project sites that will be operational or also under construction at the time of construction for Dewpoint North and Dewpoint South.

Response: Similar to any other development projects in the Town, whether residential, commercial or industrial, during the construction phase of the project there will be temporary increases in sound levels due to the use of machinery and related activities during the construction of the project. Thus, for both projects, any construction related noise impacts will be short-term and would end upon the completion of the construction of the project. It is assumed that the types of construction activities on the site would include each of the following:

- Removal of Existing Vegetation
- Earthwork and Excavation
- Paving & Construction of Internal Roadway Network

Bergmann has been rebranded Colliers Engineering & Design

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#### Building Erection and Fit-out

The types of construction equipment generally used for these types of activities would include bulldozers, compressors, front-end loaders, dump trucks and pavers. At a referenced distance of 50 feet, the above equipment generally have A-weighted noise sound levels ranging from 75 dBA to 95 dBA (see Appendix A, Table D from NYSDEC publication "Assessing and Mitigation Noise Impacts" for typical equipment sound levels). However, it should also be noted as specified in the NYSDEC guidelines, "At distances greater than 50 feet from a sound source, every doubling of the distances produces a 6 dB reduction in the sound. Therefore, a sound level of 70 dB at 50 feet would have a sound level of approximately 64 dB at 100 feet."

Construction activities would be scheduled to be in conformance with the NYSDEC guidelines. Construction activities would occur during normal daytime hours. While the Town of Wawayanda Code does not contain specific criteria for limiting the hours of construction, the Code references limited noise exceedance levels at the property lines of 65 decibels between 7:00 AM and 10:00 PM and 50 decibels between 10:00 PM and 7:00 AM for operating facilities. The hours of exterior construction for the Dewpoint North and Dewpoint South sites are proposed to be limited to between the hours of 7:00 AM and 7:00 PM on Weekdays and 8:00 AM and 6:00 PM on Weekends.

Once the site grading has been finalized and foundations erected, the higher, temporary sound levels experienced will be reduced. When the building is erected, the finishing work, which will occur indoors, will be contained and at that point, the heavy construction equipment would be replaced by the internal work within the building as part of the fit-out. Extenal work will be mostly related to final paving and landscaping. It should be noted that with respect to the adjacent residential area for the Dewpoint North site, once the building is erected, this will create aphysical acoustic barrier from the majority of the remaining exterior site activities such as paving, landscaping, and other remaining finishing work.

Construction of the project sites would also generate some construction-related traffic to and from the Project Site, including construction workers and the delivery of materials and equipment. The numbers and types of vehicles would vary depending on the stage of construction. All construction equipment, materials, deliveries, and associated worker parking would be accommodated on-site. There would be no construction equipment, truck, material, or worker parking, queuing, or staging permitted on Dolsontown Road. This requirement, as well as a that formalizes the specific areas of construction worker parking, truck queuing and unloading, and material and equipment staging, would be coordinated with the Town. Construction-related traffic trips are primarily anticipated to occur outside the roadway peak hours with material deliveries expected to be staggered throughout daytime hours.

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Noise levels caused by construction activities would vary depending on the phase of construction and the specific tasks being undertaken. State, and federal requirements mandate that certain classifications of construction equipment and motor vehicles be used to minimize adverse impacts. Construction equipment would meet these specific noise emission standards.

The level of noise at local receptors would depend on the specific construction activities involved, the noise emission of the involved equipment, the location of the equipment. As noted above, the hours of operation would be limited to daytime hours. Also, as noted above, the noise levels would decrease with distance from the construction activity. Increased noise levels due to construction activity would be highest during the early construction stages such as grading, excavation, and foundation work. These stages would be relatively short in duration and noise generated would be intermittent based on the equipment in use and the work being done. While the exact numbers of construction equipment that would be utilized has not been finalized, it is known that certain equipment including excavators, bulldozers, backhoes, graders, cranes, and dump trucks would be required. During construction operations, any increases in noise levels would be temporary and would be mitigated by the use of NYSDEC recommended Best Management Practices as summarized below.

#### **Summary of NYSDEC Best Management Practices**

Best Management Practices noted within the NYSDEC Program Policy, "Assessing and Mitigating Noise Impacts" dated February 2001, which are proposed to be in effect during construction activities on both the Dewpoint North and Dewpoint South sites during the construction phase include the following:

- a. Replace back-up beepers on any "on-site" machinery with strobe lights (subject to other requirements, e.g., OSHA and Mine Safety and Health Administration, as applicable). This eliminates the impulse beeping.
- b. Use of appropriate mufflers to reduce frequency of sound on machinery that pulses, such as diesel engines and compressed air machinery.
- c. During construction phases, all equipment used on-site will have to be inspected periodically to ensure that properly functioning muffler systems are used on all equipment. While on the site, all equipment shall not idle unnecessarily.
- d. Limiting the number of days of operation, restricting the hours of operation and specifying the time of day and hours of access and egress. Limiting noisier operations to normal work day hours. Construction activities on the site shall be limited to the house of 7:00 AM to 7:00 PM Weekdays, 8:00 AM to 6:00 PM on Weekends to minimize the temporary increases in noise levels due to the construction of the facility.

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- e. Modifying machinery to reduce noise by using plastic liners, flexible noise control covers, and dampening plates and pads on any large sheet metal surfaces.
- f. Ensuring equipment is regularly maintained.
- g. Specific to the Dewpoint North site, complete the grading and landscaping along the easterly portion of the site in the early phases of construction to provide a grade differential and vegetative buffer between the site and the adjacent residential property. Stockpiles of raw material can also be an effective sound barrier and if possible, be placed along the east and northeast property areas of the site during ongoing construction.
- h. Staging any soil processing equipment on the site during the construction operation on the western portion of the site further from the adjacent residential receptors.

In summary, any construction related noise impacts at both the Dewpoint North and Dewpoint South sites would be temporary in nature and by following the NYSDEC Best Management Practices including the items specified above, would be mitigated and kept to a minimum. Notwithstanding implementation of this mitigation, there may be times the noise level during construction hours exceeds the 65 decibel standard contained at Subsection D of Section 195-23 of the Town's Code. However, as provided for in that section of the Code, the Planning Board has the authority to permit such exceedances. Given the temporary duration of the construction noise, coupled with the proposed mitigation, we request that the Planning Board exercise such discretion here.

#### 2. Operating Phase Comments:

a. The Colliers Engineering & Design Memorandum: Dewpoint North and Dewpoint South-Consideration of Town of Wawayanda Code Modifications states that there are no adverse effects and anticipated operational noise will remain below NYSDEQ 3dBA "noticeable noise" threshold. The study also states that noise levels will remain below the town noise ordinances where they already remain below the level. However, in areas that had noise in exceedance of the town noise ordinances, they do not anticipate lowering the noise levels but will remain within the 3dBA threshold of noticeable change. These conclusions were based on calculated values of change in noise from current state to future state; however, the methodology for the calculations is not described. Noise sources are not included in the description of the analysis and calculations. Additional details on the study are appropriate to determine the accuracy of the results and ensure all noise sources are accounted for in the calculations.

<u>Response:</u> The methodology used for computing future noise levels for the operational phase for both Dewpoint North and Dewpoint South were computed using existing measured ambient sound levels, together with the FHWA Traffic Noise Model. The

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conditions evaluated included the effect of traffic projections from other proposed developments along the Dolsontown Road Corridor based on the Traffic Impact Studies contained in the Dolsontown Road GEIS and other supplemental studies. The analysis referred in the CED January 31, 2025 memorandum for the Dewpoint North and South sites considers the operational activities and traffic related noise, as well as added levels for stationary sources related to HVAC and other equipment. The prediction of Build condition noise levels is based on a calculation using the existing measured noise levels and accounting for the predicted increases in traffic both on and off the site. The Build evaluation includes the effects of additional noise increases from the traffic increases for the other area projects. The analysis utilized calculations accounting for the location, number of vehicles, and distances to receptors for both the mobile and stationary noise sources. Note that the analysis included an evaluation of both daytime (peak AM and PM hours) as well as for nighttime noise levels including specific existing conditions measurements taken on November 6, 2024 between the hours of 1:00 AM and 5:30 AM. As summarized in the various tables, the noise levels would remain either below or represent increases of less than 3 dBA above ambient levels at the receptors as identified on Figure 1 in Appendix C. Copies of the existing nighttime ambient noise measurements and associated calculation sheets for the future Build conditions are attached in Appendix C.

b. The Ostergaard Acoustical Associates Analysis for Off-site Acoustical Impact from Recent Developers is referenced in the Colliers Engineering & Design Memorandum and Comments and Response, which was complete for Project Bluebird. The current assessment neglects to account for the fluctuation in day and night hours traffic by estimating a 24-hour average. To more accurately evaluate the impact of the noise at heightened traffic times during the day, the revision should consider a dispersion of hourly trips reflecting the increased daytime traffic. The revision should include an On-Board Sound Intensity (OBSI) measurement to more accurately define road conditions in place of "smooth pavement". Additional consideration should be given to a combined acoustical study that characterizes the anticipated sound levels of traffic and operation of facilities at the receptors.

<u>Response</u>: The Ostergaard Acoustical Associates evaluation referenced in this comment was compiled for Project Bluebird. While it was referenced in the CED study, that evaluation did not include specific overnight/nighttime sound level measurements but provided an evaluation based on averaging and estimated traffic volumes over the course of the day.

Unlike that evaluation, the CED evaluation for the Dolsontown Road corridor, and specifically for the Dewpoint North and Dewpoint South sites as addressed in our memorandum dated January 31, 2025, included specific measurements of nighttime noise levels of ambient conditions, copies of which are attached in Appendix C, the projected noise levels for the Build conditions based on the modeling described above, and account for the site activities and specific traffic volumes generated by the

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individual Dewpoint North and Dewpoint South project sites as well as the traffic from the other various proposed projects in the corridor during those time periods.

Therefore, the analysis for the Dewpoint North and Dewpoint South projects were based on actual specific measurements of ambient conditions and the projections based on anticipated operations during peak daytime hours as well as the more sensitive nighttime hours as required by the Town Code. It should be noted that as shown on the attached site plans for both Dewpoint North and Dewpoint South (Appendix B), the positioning of the buildings on the sites are such that they provide a barrier effect between the loading dock areas and the adjacent residential receptors. Also, as it pertains to pavement conditions, it should be noted that Dolsontown Road is proposed to be re-constructed as a result of the various developments anticipated on this corridor. This would be expected to result in some improvement in any tire/pavement generated noise compared to that over existing conditions and while not accounted for in the future condition modeling, should be considered as an additional mitigative measure to reduce noise generation from traffic under the future conditions. See tables in Appendix C for the results for both daytime and nighttime operations along with the calculations output data sheets.

#### 3. Conclusion Comments:

a. The analysis of the construction phase is not discussed or analyzed in the Colliers Engineering & Design Memorandum. The Memorandum does not describe methodology for modeling future situations, nor does it include details on noise sources considered in the model. Additionally, EA recommends refinement of the submitted Ostergaard Acoustical Associates Acoustical Analysis for Off-site Acoustical Impact from Recent Developments to consider traffic fluctuations during daytime operation, and incorporation of noise produced by the additional proposed projects. Additional consideration should be given to a combined noise study that combines the anticipated sound levels of traffic and operation of facilities.

Response: As discussed in the above responses, implementing the NYSDEC Best Management Practices will limit any construction noise impacts from either the Dewpoint North and Dewpoint South projects. During the operational phase, the implementation of mitigation measures that were identified on page 4 of the CED February 8, 2022 evaluation for both sites should be implemented. Based on the site-specific analysis undertaken including the evaluation of nighttime noise levels after opening and operational as summarized in our letter of February 3, 2025 and memorandum of January 31, 2025 along with the analysis data in Appendix C attached, indicates that the Dewpoint North and Dewpoint South projects will not result in significant noise increase above ambient levels and/or levels above the Town criteria.

Lastly, the SEQRA Findings Statement and subsequent Negative Declarations for Dewpoint North dated August 14, 2024 on page 15 and for Dewpoint South also dated August 14, 2024 on page 17 found that these potential impacts including the potential

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for short term construction phase impacts were already considered as part of the SEQRA process.

Sincerely,

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying, CT P.C.

Philip Grealy, Ph.D., P.E. Geographic Discipline Leader

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### Dewpoint North and Dewpoint South

Appendix A | NYSDEC Reference Tables

Table C
PROJECTED NOISE LEVELS

Noise Source	Measurements	1,000 feet	2,000 feet	3,000 feet
Primary and secondary crusher	89 dB(A) at 100 ft	69.0 dB(A)	63.0 dB(A)	59.5 dB(A)
Hitachi 501 shovel loading	92 dB(A) at 50 ft	66.0 dB(A)	60.0 dB(A)	56.5 dB(A)
Euclid R-50 pit truck loaded	90 dB(A) at 50 ft	64.0 dB(A)	58.0 dB(A)	54.4 dB(A)
Caterpillar 988 loader	80 dB(A) at 300 ft	69.5 dB(A)	63.5 dB(A)	60.0 dB(A)

(The Aggregate Handbook, 1991)

Table D Common Equipment Sound Levels

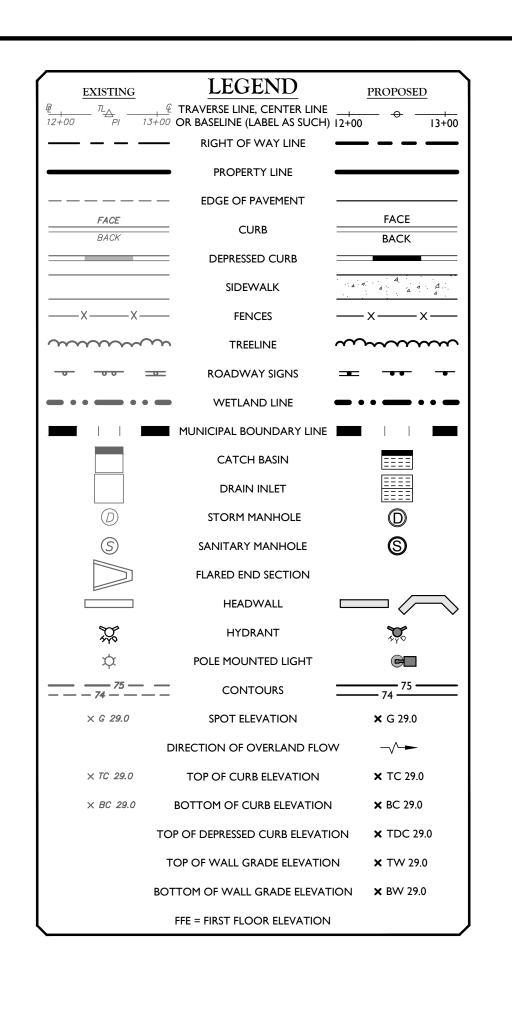
EQUIPMENT	DECIBEL LEVEL	DISTANCE in feet
Augered earth drill	80	50
Backhoe	83-86	50
Cement mixer	63-71	50
Chain saw cutting trees	75-81	50
Compressor	67	50
Garbage Truck	71-83	50
Jackhammer	82	50
Paving breaker	82	50
Wood Chipper	89	50
Bulldozer	80	50
Grader	85	50
Truck	91	50
Generator	78	50
Rock drill	98	50

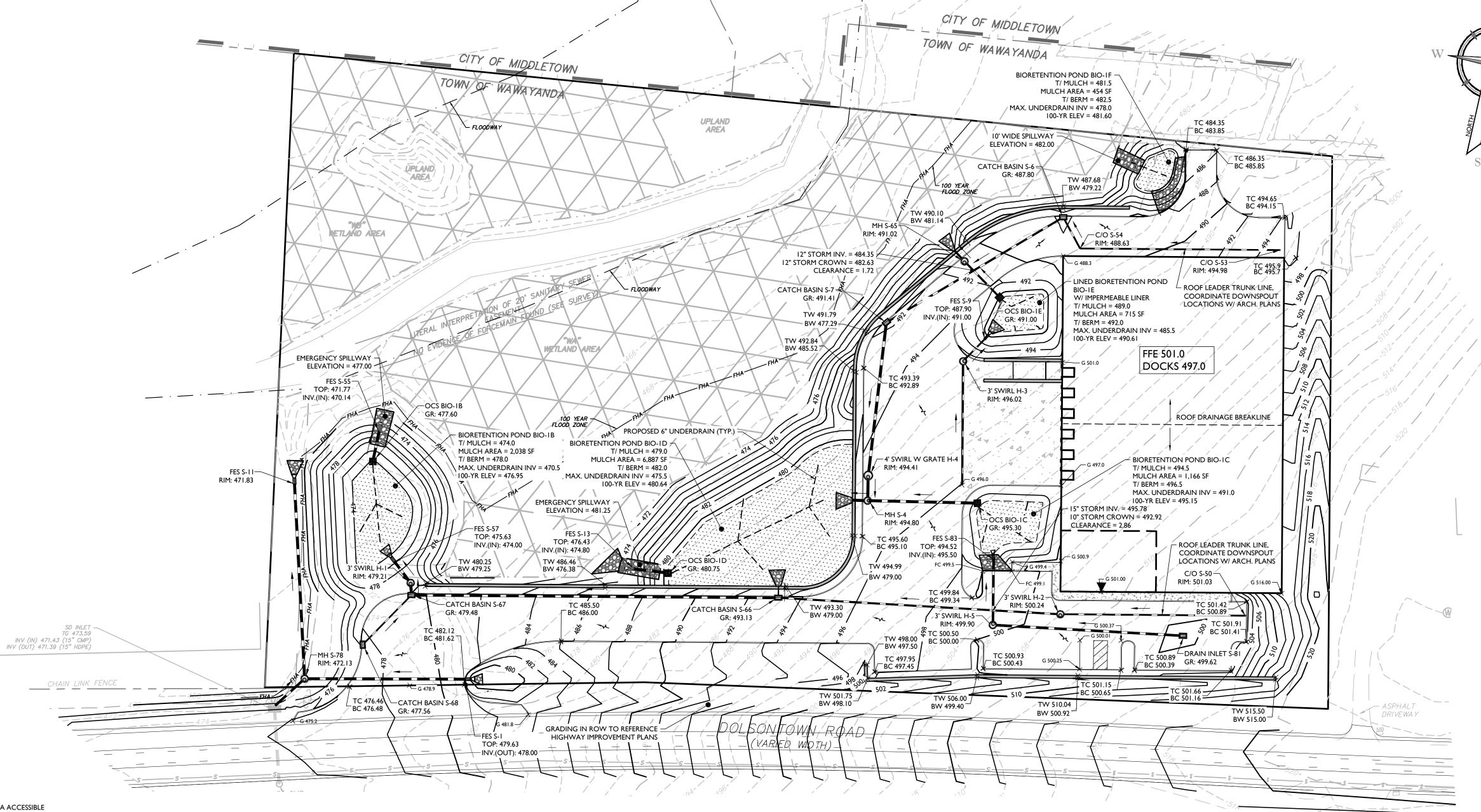
(excerpt and derived from Cowan, 1994)



### Dewpoint North and Dewpoint South

Appendix B | Site Plans for Dewpoint North and Dewpoint South





### ADA INSTRUCTIONS TO CONTRACTOR:

I. CONTRACTOR MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ADA ACCESSIBLE COMPONENTS FOR THE SITE. THESE COMPONENTS, AS CONSTRUCTED, MUST COMPLY WITH THE LATEST ADA STANDARDS FOR ACCESSIBLE DESIGN. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACE, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EGRESS, SHALL COMPLY WITH THESE ADA CODE REQUIREMENTS. THESE INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

(NOTE: THIS LIST IS NOT INTENDED TO CAPTURE EVERY APPLICABLE FEDERAL, STATE AND LOCAL RULE AND REGULATION. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE LAW, WHETHER OR NOT STATED SPECIFICALLY HEREIN):

- A. PARKING SPACES AND PARKING AISLES SLOPE MUST NOT EXCEED 1:48 (I/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
- B. CURB RAMPS- SLOPES MUST NOT EXCEED 1:12 (8.3%).
- C. LANDINGS -MUST BE PROVIDED AT EACH END OF RAMPS, MUST PROVIDE POSITIVE DRAINAGE, AND MUST NOT EXCEED 1:48 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
- D. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36 INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL, (CAR OVERHANGS CANNOT REDUCE THIS MINIMUM WIDTH), THE SLOPE MUST BE NO GREATER THAN I :20 (5.0%) IN THE DIRECTION OF TRAVEL, AND MUST NOT EXCEED I:48 (I/4" PER FOOT OR NOMINALLY 2.0%) IN CROSS SLOPE.
- E. WHERE PATH OF TRAVEL WILL BE GREATER THAN 1:20 (5.0%), AN ADA RAMP WITH A MAXIMUM SLOPE OF 1:12 (8.3%), FOR A MAXIMUM DISTANCE OF 30 FEET, MUST BE PROVIDED. THE RAMP MUST HAVE ADA HAND RAILS AND "LEVEL" LANDINGS ON EACH END THAT ARE SLOPED NO MORE THAN 1:48 (1/4" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.
- F. DOORWAYS MUST HAVE A "LEVEL" LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED NO MORE THAN 1:48 (1/4" PER FOOT OR NORMALLY 2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG, EXCEPT WHERE OTHER WISE PERMITTED BY ADA STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS (SEE APPLICABLE CODE SECTIONS).
- 2. IT IS RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE OFFICIAL PRIOR TO COMMENCING WORK.

### GRADING NOTES:

- I. PROPOSED GRADE ELEVATIONS SHOWN AT BUILDING LINE ARE GROUND ELEVATIONS.
- 2. PROPOSED SPOT ELEVATIONS IN PAVEMENT AREAS ARE TOP OF FINISHED PAVEMENT.
- 3. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATION.

EARTHWORK								
CUT	10,776 CY							
FILL	21,581 CY							
APPROXIMATE	6,268 CY							
IMPERVIOUS AREA								
CUT								
NET CUT/FILL	4,537 CY FILL							

EARTHWORK CALCULATIONS PROVIDED ARE PRELIMINARY FOR ESTIMATING PURPOSES ONLY, THE CONTRACTOR IS RESPONSIBLE FOR CALCULATING FINAL EARTHWORK VOLUMES PRIOR TO BID AND CONSTRUCTION. PRELIMINARY ESTIMATES ACCOUNT FOR SURFACE TO SURFACE VOLUMES, WITH AN ESTIMATE FOR PAVEMENT AND SUBBASE DEPTHS. NO EXPANSION FACTORS, TOPSOIL, OR UTILITY TRENCH/WALL BACKFILL VOLUMES ARE INCLUDED IN THIS ESTIMATE.

SCALE : 1" = 40'

TOWN OF WAWAYANDA PLANNING BOARD

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PRELIMINARY SITE PLAN

DEWPOINT NORTH

SECTION 4 BLOCK 1 LOT 50.2

TOWN OF WAWAYANDA ORANGE COUNTY

**NEW YORK STATE** NEWBURGH Colliers

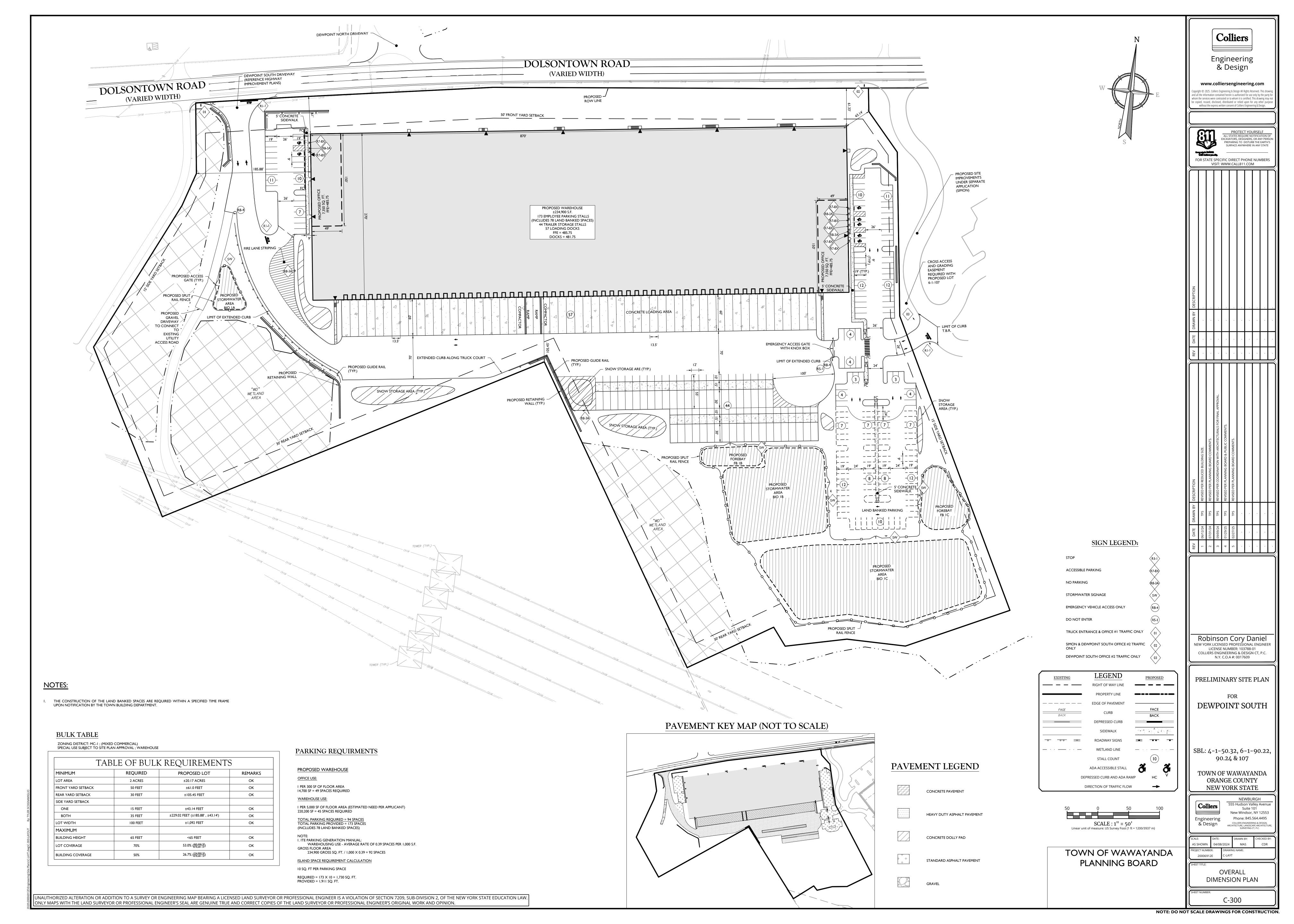
555 Hudson Valley Avenue New Windsor, NY 12553 Phone: 845.564.4495 Engineering & Design

-GRAD-NRTH 20006912A

GRADING & DRAINAGE

C-400

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY OR ENGINEERING MAP BEARING A LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW. ONLY MAPS WITH THE LAND SURVEYOR OR PROFESSIONAL ENGINEER'S SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE LAND SURVEYOR OR PROFESSIONAL ENGINEER'S ORIGINAL WORK AND OPINION.





### Dewpoint North and Dewpoint South

Appendix C | Summary of Existing Measured Noise Levels and Future Computed Noise Levels and Traffic Noise Model Outputs

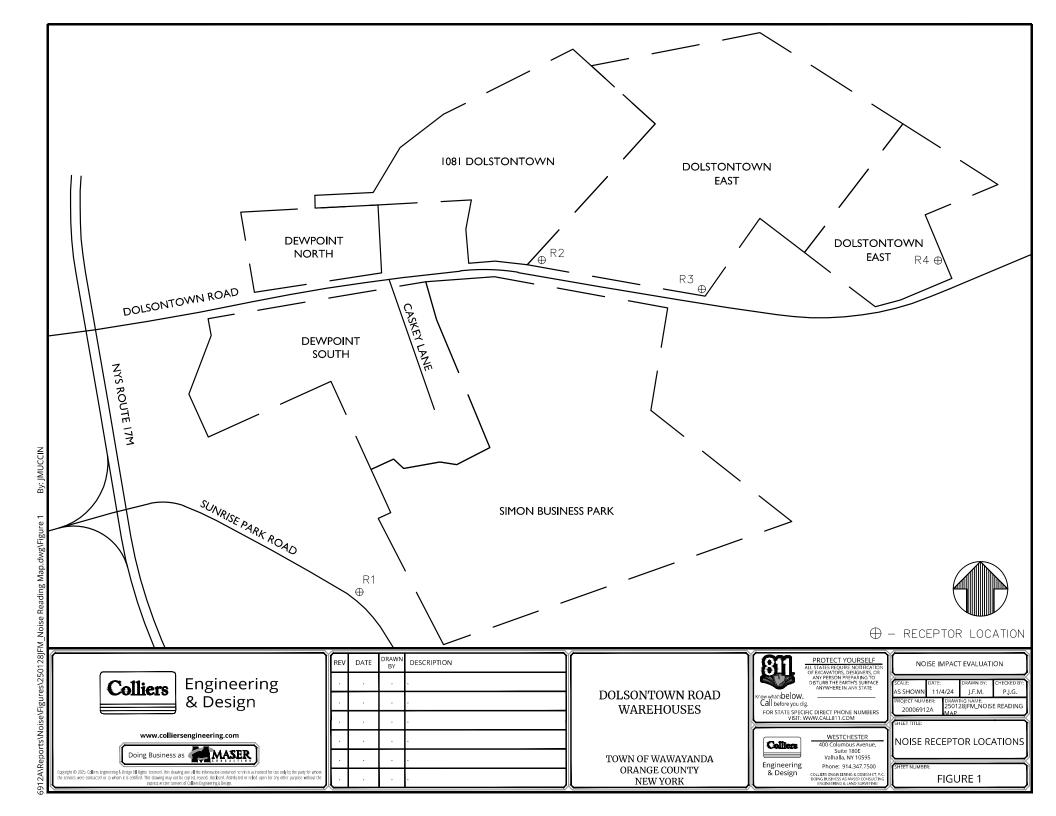


Table No. 3 (AM)
Summary of Existing and Projected Noise Levels (Leq-dBA)
Weekday Conditions

Receptor Location	Existing	No-Build	<u>Build</u>	Change from No-Build to Build
1	53.2	53.4	55.4	2.0
2	57.9	59.7	61.6	1.9
3	57.9	59.7	62.4	2.7
4	57.9	59.7	62.5	2.8

### Notes:

- 1) See Figure No. 1 for Noise Receptor locations.
- 2) Existing Noise Level Measurements for the AM hours were collected on Tuesday, January 25, 2022 represent the LEQ Levels observed at each receptor.
- 3) The Build scenario includes all warehouse developments on Dolsontown Road.

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# Table No. 3 (PM) Summary of Existing and Projected Noise Levels (Leq-dBA) Weekday Conditions

Receptor Location	<b>Existing</b>	No-Build	<u>Build</u>	Change from No-Build to Build
1	56.6	56.7	57.1	0.4
2	57.7	58.7	60.9	2.2
3	57.7	58.7	61.4	2.7
4	57.7	58.7	61.4	2.7

### Notes:

- 1) See Figure No. 1 for Noise Receptor locations.
- 2) Existing Noise Level Measurements for the PM hours were collected on Wednesday, January 26, 2022 represent the LEQ Levels observed at each receptor.
- 3) The Build scenario includes all warehouse developments on Dolsontown Road.

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### Table No. 3 (Nighttime)

## Summary of Existing and Projected Noise Levels (Leq-dBA) <u>Weekday Conditions</u>

Receptor Location	<b>Existing</b>	No-Build	<u>Build</u>	Change from No-Build to Build
1	51.3	51.5	52.9	1.4
2	51.1	51.3	53.2	1.9
3	49.4	49.6	51.8	2.2
4	53.7	53.9	55.6	1.7

### Notes:

- 1) See Figure No. 1 for Noise Receptor locations.
- 2) Existing Noise Level Measurements for the Nighttime hours were collected on Wednesday, November 6, 2024 represent the LEQ Levels observed at each receptor.
- 3) The Build scenario includes all warehouse developments on Dolsontown Road.

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### Dewpoint North and Dewpoint South

### Appendix D | Noise Projection Calculations

### AMNB:

RECEPTOR 1		LEQ COMPU	TATIONS				
		=======					
PERIOD:	WEEKDAY						
North Side of S	unrise Park Road	d Directly West	of 55 Sunr	ise Park	Road Residential Home		
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	RELATIVE TO	VOL
TRAFFIC CONDI	ITION	PC	MT	НТ		EXIST	
EXIST		468	51	15	53.20000		873
NO BUILD		482	53	16	53.36593		907

RECEPTOR 2		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of D	olsontown Roa	d Directly East o	of 1081 Dols	ontow	n Road		
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC CONDI	TION	PC	MT	HT		EXIST	
EXIST		569	19	2	57.90000		684
NO BUILD		880	25	2	59,65668		1025

RECEPTOR 3		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of D	olsontown Road	d Directly West	of the 112	B Dolsor	ntown Road Chiropra	actic Office	
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC COND	ITION	PC	MT	HT		EXIST	
EXIST		569	19	2	57.90000		684
NO BUILD		880	25	2	59.65668		1025



RECEPTOR 4		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of D	olsontown Road	d Directly West	of 1189 Do	Isontov	vn Road Residential	Home	
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC CONDI	TION	PC	MT	HT		EXIST	
EXIST		569	19	2	57.90000		684
NO BUILD		880	25	2	59,65668		1025

### PMNB:

RECEPTOR 1		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of S	unrise Park Roa	d Directly West	of 55 Sunr	ise Park	Road Residential Home		
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	RELATIVE TO	VOL
TRAFFIC CONDI	ITION	PC	MT	HT		EXIST	
10000000					I seconomica I		100
EXIST		510	57	33	56.60000		1125
NO BUILD		526	59	34	56.73680		1161

RECEPTOR 2		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of D	olsontown Road	d Directly East o	of 1081 Dol	sontow	n Road		
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	RELATIVE TO	VOL
TRAFFIC COND	ITION	PC	MT	HT		EXIST	
EXIST	========	941	56	2	57.70000		1241
NO BUILD		1354	39	2	58.71851		1569

RECEPTOR 3		LEQ COMPU	TATIONS				
		=======					
PERIOD:	WEEKDAY						
North Side of D	olsontown Roa	d Directly West	of the 1128	B Dolsoi	ntown Road Chiropra	octic Office	
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC CONDI	TION	PC	MT	НТ		EXIST	
EXIST		941	56	2	57.70000		1241
NO BUILD		1354	39	2	58,71851		1569



RECEPTOR 4		LEQ COMPU	TATIONS				
		=======					
PERIOD:	WEEKDAY						
North Side of D	olsontown Road	d Directly West	of 1189 Do	Isontov	vn Road Residential I	Home	
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC COND	TION	PC	MT	HT		EXIST	
EXIST		941	56	2	57.70000		1241
NO BUILD		1354	39	2	58.71851		1569

### **NIGHTTIMENB:**

RECEPTOR 1		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of	Sunrise Park Roa	d Directly West	of 55 Sunr	ise Park	Road Residential Home		
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	RELATIVE TO	VOL
TRAFFIC CON	DITION	PC	MT	HT		EXIST	
EXIST		10	1	1	51.30000		25
NO BUILD		11	1	1	51.47033		26

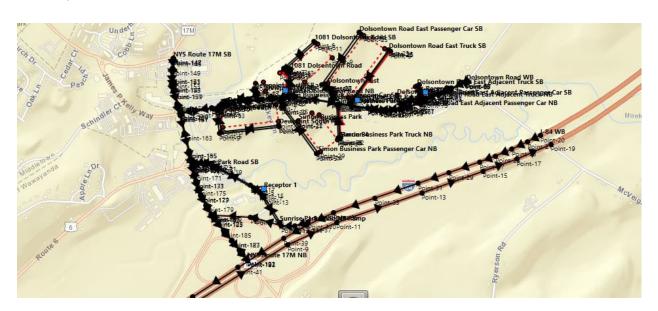
RECEPTOR 2		LEQ COMPU	TATIONS				
		=======					
PERIOD:	WEEKDAY						
North Side of D	olsontown Roa	d Directly East o	of 1081 Do	sontow	n Road		
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC COND	ITION	PC	MT	HT		EXIST	
EXIST		12	2	2	51.10000		42
NO BUILD		14	2	2	51.30203		44

PERIOD:	WEEKDAY						
North Side of D	Dolsontown Road [	Directly We	st of the 11	28 Dolso	ntown Road Chiropra	octic Office	
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	<b>RELATIVE TO</b>	VOL
TRAFFIC COND	ITION	PC	MT	HT		EXIST	
EXIST		12	2	2	49.40000		42
NO BUILD		14	2	2	49.60203		44



RECEPTOR 4		LEQ COMPU	TATIONS				
PERIOD:	WEEKDAY						
North Side of D	olsontown Road	d Directly West	of 1189 Do	Isontov	vn Road Residential	Home	
LEQ					NOISE LEVEL	INCREMENT	EQUIV
					(dBA)	RELATIVE TO	VOL
TRAFFIC COND	ITION	PC	MT	HT		EXIST	
EXIST		12	2	2	53.70000		42
NO BUILD		14	2	2	53.90203		44

### AMBD:



Ro	adway: 1081 D	olsontown Road NB			Grid Settings • (	Grid Settings ▼									
	Start Point Nam	e Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]			
>	Point-0	19	66.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00			
	Point-1	20	66.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00			
	Point-3	21	66.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00			

R	loadway:	1081 Dolsontown R	oad SB			◆ Grid Settings ◆ ② Copy Down									
	Start Po	int Name Start Poin	Number Auto	Volume A	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]		
>	Point-	5 158	16.00	3	0.00	0.00	30.00	6.00	30.00	0.00	30.00	0.00	30.00		
	Point-	7 159	16.00	3	0.00	0.00	30.00	6.00	30.00	0.00	30.00	0.00	30.00		
	Point-9	160	16.00	3	0.00	0.00	30.00	6.00	30.00	0.00	30.00	0.00	30.00		

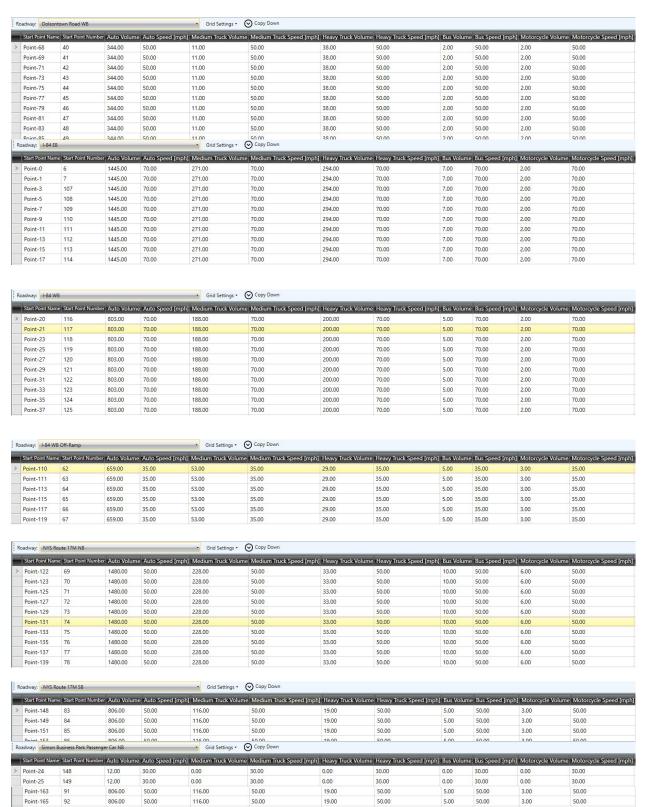
R	Roadway:	Dewpoint North NB			Grid Settings • (	Grid Settings • O Copy Down									
	Start Poin	t Name Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mpl			
>	Point-12	140	10.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00			
	Point-13	141	10.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00			
	Point-15	142	10.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00			

Ro	oadway:	adway: Dewpoint North SB				Grid Settings • (	Grid Settings * 📀 Copy Down										
	Start Poi	int Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]				
>	Point-1	18	144	2.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00				
	Point-1	19	145	2.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00				
	Point-2	21	146	2.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00				



padway: Dewp	point South NB			▼ Grid Se	ettings • O Copy Down						
Start Point Na	me Start Point Num	ber Auto Volu	me Auto Speed [mp	-10	ick Volume Medium Truck Speed	d [mph] Heavy Truck V	olume Heavy Truck Spe	ed [mph] Bus Volu	me Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed [n
Point-4	23	10.00	30.00	0.00	30.00	2.00	30.00	0.00	30.00	0.00	30.00
Point-5	24	10.00	30.00	0.00	30.00	2.00	30.00	0.00	30.00	0.00	30.00
. 6				6:16	ttings • O Copy Down						
	point South SB	and barrens		-		T.			-1		
					ck Volume Medium Truck Speed						Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, where the Owner, which is the Owner, where the Owner, which is the Owne
Point-8	137	80.00	30.00	0.00	30.00	5.00	30.00	0.00	30.00	0.00	30.00
Point-9	138	80.00	30.00	0.00	30.00	5.00	30.00	0.00	30.00	0.00	30.00
			0. 1/2	0110	O C D						
	ontown Road East Ad			• Grid Se	The state of the s			31	915		4
		NAME AND ADDRESS OF THE OWNER, WHEN			ck Volume Medium Truck Speed	THE R. P. LEWIS CO., LANSING, MICH. 491-491-491	NAME AND ADDRESS OF TAXABLE PARTY.				
Point-28	174	21.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-29	175	21.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
adway: Dols	ontown Road East A	djacent Passenge	r Car SB	▼ Grid Se	ettings • O Copy Down						
Start Point Na	ame Start Point Num	ber Auto Volu	me Auto Speed [mp	h] Medium Tru	ick Volume Medium Truck Speed	d [mph] Heavy Truck V	olume Heavy Truck Spe	ed [mph] Bus Volur	ne Bus Speed	[mph] Motorcycle \	Volume Motorcycle Speed [m
Point-32	177	3.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-33	178	3.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
adway: Dele	ontown Road East Ac	liacent Touck NO		• Grid Ca	ettings • O Copy Down						
		1									
					ick Volume Medium Truck Speed						
Point-36	180	0.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
adway: Dolso	ontown Road East Ac	ljacent Truck SB		• Grid Se	ttings • O Copy Down						
Start Point Na	me Start Point Num	ber Auto Volu	me Auto Speed [mp	h] Medium Tru	ck Volume Medium Truck Speed	d [mph] Heavy Truck Vo	olume Heavy Truck Spe	ed [mph] Bus Volur	ne Bus Speed	[mph] Motorcycle \	/olume Motorcycle Speed [m
Point-38	182	0.00	30.00	0.00	30,00	0.00	30.00	0.00	30.00	0.00	30.00
adway: Dolso	ontown Road East Pa	ssenger Car NB		▼ Grid Se	ttings • O Copy Down						
Start Point Na	me Start Point Num	ber Auto Volu	me Auto Speed [mp	h] Medium Tru	ck Volume Medium Truck Speed	d [mph] Heavy Truck Vo	olume Heavy Truck Spe	ed [mph] Bus Volur	ne Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed [m
Point-12	162	137.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-13	163	137.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-15	164	137.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
advers Date	ontown Road East Pa	CCD		- Citals	ettings • O Copy Down						
-						1	11	and the second		la de la companya de	
-	and the same of th				ck Volume Medium Truck Speed	The state of the s		CONTRACTOR DESCRIPTION OF THE PERSON NAMED IN CONTRACTOR OF THE PERSON NAM	STATE OF THE OWNER, WHEN PERSON NAMED IN	CONTRACTOR DESCRIPTION OF THE PERSONS ASSESSMENT	
Point-18	166	16.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-19	167	16.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-21	168	16.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Date:	ontown Road East Tr	cele NID		0.00	ettings • 🕟 Copy Down						
The second			1		- 0						
		Annual Section Section 2015		and bearing the same	ck Volume Medium Truck Speed	The state of the s					
Point-24	170	0.00	30.00	0.00	30.00	8.00	30.00	0.00	30.00	0.00	30.00
adway: Dolse	ontown Road East Tru	ick SB		Grid Se	ettings • Opy Down						
Start Point Na	me Start Point Num	ber Auto Volu	me Auto Speed Imp	hl Medium Tru	ck Volume Medium Truck Speed	d [mph] Heavy Truck Vo	olume Heavy Truck Spe	ed [mph] Bus Volur	ne Bus Speed I	Imphi Motorcycle \	/olume Motorcycle Speed Im
Point-26	172	0.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00
dway: Doles	ontown Road EB			• Grid Se	ttings • O Copy Down						
THE R. P. LEWIS CO., LANSING	and the same of th	Marie Description of the Party		THE RESERVE OF THE PERSON NAMED IN	ck Volume Medium Truck Speed			Committee of the last of the l	THE RESERVE OF THE PERSON NAMED IN	STATE OF TAXABLE PARTY.	STREET, SQUARE, SQUARE
Point-42	26	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-43	27	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-45 Point-47	28	1210.00 1210.00	50.00	24.00	50.00 50.00	67.00 67.00	50.00	2.00	50.00	2.00	50.00 50.00
Point-47 Point-49	30	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-49 Point-51	31	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-53	32	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-55	33	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-57	34	1210.00	50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
			50.00	24.00	50.00	67.00	50.00	2.00	50.00	2.00	50.00
Point-59	35	1210.00	50.00								







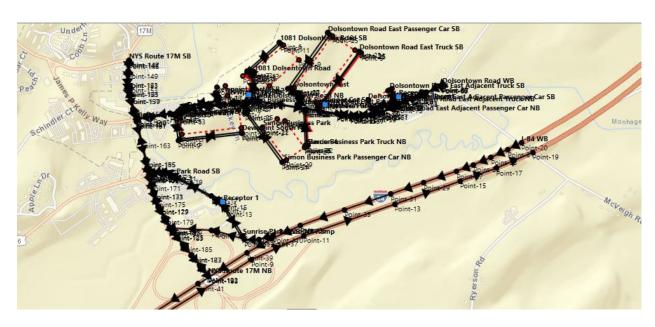


#### Current Status: Project calculated

Receiver Name	Noise Reduction Difference	With Barrier Level
Receptor 1	-7.99	55.42
Receptor 2	-7.47	61.64
Receptor 3	-7.87	62.46
Receptor 4	-7.29	62.54



### PMBD:



R	Roadway:	Dewpoint	South SB			Grid Settings • (	Copy Down						
	Start Po	oint Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-	8	137	15.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00
	Point-	9	138	15.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00

Ro	oadway: 108	81 Dolsontown Road NB			Grid Settings • (	Opy Down						
	Start Point N	Name Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph
>	Point-0	19	18.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00
	Point-1	20	18.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00
	Point-3	21	18.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00

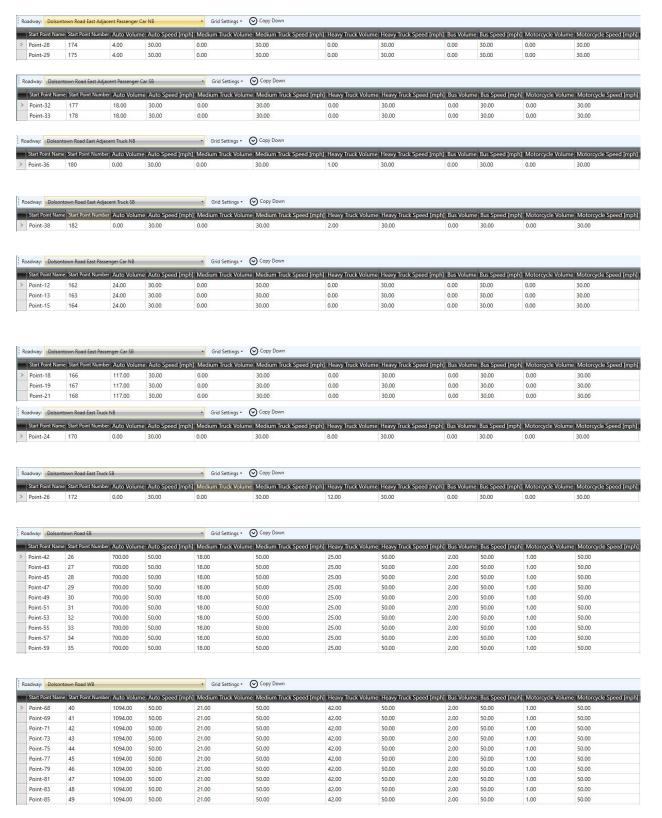
Ro	adway: 1081 D	olsontown Road SB			Grid Settings • (	Oopy Down						
	Start Point Name	e Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph
>	Point-6	158	64.00	30.00	0.00	30.00	6.00	30.00	0.00	30.00	0.00	30.00
	Point-7	159	64.00	30.00	0.00	30.00	6.00	30.00	0.00	30.00	0.00	30.00
	Point-9	160	64.00	30.00	0.00	30.00	6.00	30.00	0.00	30.00	0.00	30.00

Ro	oadway: De	ewpoint North NB			Grid Settings • (	Copy Down						
	Start Point I	Name Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-12	140	2.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-13	141	2.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-15	142	2.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00

Roa	adway: Dewpo	int North SB			Grid Settings • (	Opy Down						
	Start Point Nam	e Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-18	144	6.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00
I	Point-19	145	6.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00
	Point-21	146	6.00	30.00	0.00	30.00	4.00	30.00	0.00	30.00	0.00	30.00

Ro	oadway:	Dewpoint	South NB			Grid Settings • (	Copy Down						
	Start Po	int Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-	4	23	67.00	30.00	0.00	30.00	8.00	30.00	0.00	30.00	0.00	30.00
	Point-	5	24	67.00	30.00	0.00	30.00	8.00	30.00	0.00	30.00	0.00	30.00







load	way: I-84 EB				Grid Settings • (	Copy Down						
St	art Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mp
Po	oint-0	6	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-1	7	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-3	107	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-5	108	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-7	109	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-9	110	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-11	111	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-13	112	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-15	113	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00
Po	oint-17	114	1089.00	70.00	232.00	70.00	271.00	70.00	6.00	70.00	2.00	70.00

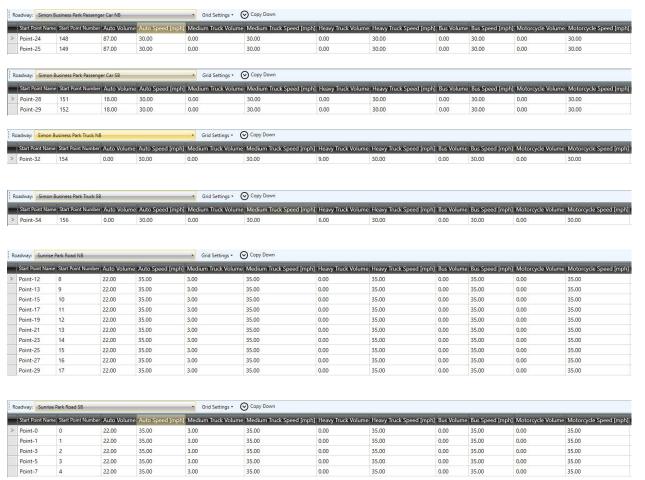
Ro	adway: I-84 W	/B			Grid Settings • (	Copy Down						
7	Start Point Nam	ne Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [m
	Point-20	116	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-21	117	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-23	118	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-25	119	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-27	120	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-29	121	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-31	122	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-33	123	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-35	124	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00
	Point-37	125	1406.00	70.00	312.00	70.00	333.00	70.00	8.00	70.00	3.00	70.00

Road	way: I-84 WB	Off-Ramp			Grid Settings • (	Copy Down						
St	art Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mp
Po	oint-110	62	558.00	35.00	59.00	35.00	46.00	35.00	5.00	35.00	3.00	35.00
Po	oint-111	63	558.00	35.00	59.00	35.00	46.00	35.00	5.00	35.00	3.00	35.00
Po	oint-113	64	558.00	35.00	59.00	35.00	46.00	35.00	5.00	35.00	3.00	35.00
Po	oint-115	65	558.00	35.00	59.00	35.00	46.00	35.00	5.00	35.00	3.00	35.00
Po	oint-117	66	558.00	35.00	59.00	35.00	46.00	35.00	5.00	35.00	3.00	35.00
Po	int-119	67	558.00	35.00	59.00	35.00	46.00	35.00	5.00	35.00	3.00	35.00

		C . D M								0 0 1/ 13		
Sta	irt Point Name	Start Point Number	Auto volume	Auto Speed [mpn]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Iruck volume	Heavy Iruck Speed [mpn]	Bus volume	Bus Speed [mpn]	Motorcycle volume	Motorcycle Speed [m]
Po	int-122	69	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-123	70	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-125	71	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-127	72	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Pc	int-129	73	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-131	74	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Pc	int-133	75	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-135	76	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-137	77	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00
Po	int-139	78	1539.00	50.00	245.00	50.00	32.00	50.00	10.00	50.00	6.00	50.00

Ro	adway: NYS Ro	ute 17M SB			Grid Settings • (	Opy Down						
	Start Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mpl
>	Point-148	83	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-149	84	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-151	85	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-153	86	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-155	87	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-157	88	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-159	89	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-161	90	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-163	91	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00
	Point-165	92	1172.00	50.00	177.00	50.00	47.00	50.00	7.00	50.00	5.00	50.00



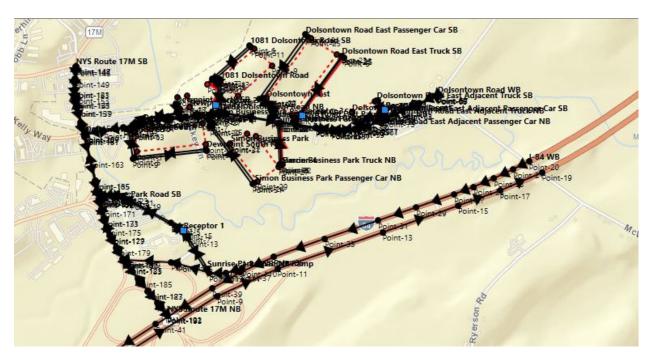


#### Current Status: Project calculated

Receiver Name	Noise Reduction Difference	With Barrier Level
Receptor 1	-7.99	57.14
Receptor 2	-7.54	60.92
Receptor 3	-7.88	61.38
Receptor 4	-7.96	61.44



### **NIGHTTIMEBD:**



Ro	oadway: 1081 Do	Isontown Road NB			Grid Settings • (	Copy Down						
	Start Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-0	19	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-1	20	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-3	21	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00

R	oadway: 1081 De	olsontown Road SB			Grid Settings • (	O Copy Down						
	Start Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-6	158	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-7	159	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-9	160	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00

Ro	adway: Dewpo	oint North NB			Grid Settings • (	Opy Down						
	Start Point Nam	e Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-12	140	3.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-13	141	3.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-15	142	3.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00

Ro	oadway:	Dewpoint	North SB			Grid Settings • (	Copy Down						
	Start Po	int Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph
>	Point-	18	144	3.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-	19	145	3.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-	21	146	3.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00

Ro	oadway:	Dewpoin	t South NB			Grid Settings • (	Copy Down						
	Start Po	int Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-4	1	23	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
	Point-5	5	24	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00



	point South SB			▼ Grid Setti	ngs • O Copy Down						
Start Point Na	ame Start Point N	umber Auto Volu	me Auto Speed	[mph] Medium Truck	Volume Medium Truck Spe	ed [mph] Heavy Truck	Volume Heavy Truck Spe	eed [mph] Bus Volu	me Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed
Point-8	137	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
Point-9	138	9.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
adway: Dolse	ontown Road East	Adjacent Passenge	Car NB	▼ Grid Settir	ngs • O Copy Down						
Start Point Na	ame Start Point N	ımber Auto Volu	me Auto Speed	[mph] Medium Truck	Volume Medium Truck Spe	ed [mph] Heavy Truck	/olume Heavy Truck Spe	ed [mph] Bus Volu	me Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed
Point-28	174	5.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-29	175	5.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
adway: Dols	ontown Road East	Adjacent Passenge	r Car SB	• Grid Settir	ngs • O Copy Down						
Start Point Na	ame Start Point N	umber Auto Volu	me Auto Speed	[mph] Medium Truck	Volume Medium Truck Spe	ed [mph] Heavy Truck	Volume Heavy Truck Spe	ed [mph] Bus Volu	me Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed
Point-32	177	5.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-33	178	5.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
					_						
adway: Dols	sontown Road East	Adjacent Truck NB		Grid Setti	ngs • O Copy Down						
					Volume Medium Truck Spe						
Point-36	180	0.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
adway: Dols	ontown Road East	Adjacent Truck SB		▼ Grid Settir	ngs • O Copy Down						
Start Point Na	ame Start Point N	umber Auto Volu	me Auto Speed	[mph] Medium Truck	Volume Medium Truck Spe	ed [mph] Heavy Truck		ed [mph] Bus Volu	ne Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed
Point-38	182	0.00	30.00	0.00	30.00	1.00	30.00	0.00	30.00	0.00	30.00
adway: Dols	ontown Road East	Passenger Car NB		Grid Settin	ngs • O Copy Down						
Start Point Na	ame Start Point N	umber Auto Volu	me Auto Speed	[mph] Medium Truck	Volume Medium Truck Spe	ed [mph] Heavy Truck	Volume Heavy Truck Spe	ed [mph] Bus Volu	me Bus Speed	[mph] Motorcycle	Volume Motorcycle Speed
Point-12	162	12.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-13	163	12.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-15	164	12.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
					0.						
adway: Dols	sontown Road East	Passenger Car SB		• Grid Setti	ngs • O Copy Down	N. C.	3			16	
	ame Start Point N				Volume Medium Truck Spe				_		
Point-18	166	12.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
Point-19	167 168	12.00	30.00	0.00	30.00 30.00	0.00	30.00	0.00	30.00	0.00	30.00 30.00
Point-21	100	12.00	30.00	0.00	50.00	0.00	30.00	0.00	30.00	0.00	30.00
					ngs • O Copy Down						
adway: Dols	ontown Road East	Truck NB		Grid Settir							
	ontown Road East		me Auto Speed	Grid Settir		ed Imph) Heavy Truck	/olume Heavy Truck Spe	ed [mph] Bus Volu	no Rus Speed	[mph] Motorcycle	Volume Motorcycle Speed
Start Point Na	ame Start Point N	umber Auto Volu		[mph] Medium Truck	Volume Medium Truck Spe						
Start Point Na			Muto Speed			ed [mph] Heavy Truck	Volume Heavy Truck Spe 30.00	ed [mph] Bus Volu	Bus Speed	(mph) Motorcycle 0.00	Volume Motorcycle Speed 30.00
Start Point Na	ame Start Point N	umber Auto Volu		[mph] Medium Truck	Volume Medium Truck Spe						
Start Point Na Point-24	arme Start Point N	Auto Volu		[mph] Medium Truck 0.00	Volume Medium Truck Spe 30.00						
Start Point Na Point-24	170 170 ontown Road East	0.00 O.00	30.00	(mph) Medium Truck 0.00 Grid Settin	Volume Medium Truck Spe 30.00  Truck Spe  Copy Down	2.00	30.00	0.00	30.00	0.00	30.00
Start Point Na Point-24  Adway: Dolse Start Point Na	170 170 ontown Road East	0.00  Truck SB	30.00 me Auto Speed	[mph] Medium Truck 0.00  Grid Settir [mph] Medium Truck	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe	2.00 ed [mph] Heavy Truck	30.00  /olume Heavy Truck Spe	0.00	30.00	0.00 [mph] Motorcycle	30.00  Wolume Motorcycle Speed
Start Point Na Point-24  Adway: Dolse Start Point Na	170 170 ontown Road East	0.00 O.00	30.00	(mph) Medium Truck 0.00 Grid Settin	Volume Medium Truck Spe 30.00  Truck Spe  Copy Down	2.00	30.00	0.00	30.00	0.00	30.00
Start Point Na Point-24  dway: Dolse Start Point Na	170 170 ontown Road East	0.00  Truck SB	30.00 me Auto Speed	[mph] Medium Truck 0.00  Grid Settir [mph] Medium Truck	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe	2.00 ed [mph] Heavy Truck	30.00  /olume Heavy Truck Spe	0.00	30.00	0.00 [mph] Motorcycle	30.00  Wolume Motorcycle Speed
Start Point Na Point-24 Indway: Dolse Start Point Na Point-26	Start Point N. 170  ontown Road East ome Start Point N. 172	0.00  Truck SB	30.00 me Auto Speed	[mph] Medium Truck 0.00  Grid Settin [mph] Medium Truck 0.00	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00	2.00 ed [mph] Heavy Truck	30.00  /olume Heavy Truck Spe	0.00	30.00	0.00 [mph] Motorcycle	30.00  Wolume Motorcycle Speed
Start Point Na Point-24  dway: Dolse Start Point Na Point-26	ontown Road East  Start Point N  170  Start Point N  172  ontown Road E8	O.00 Truck SB With the Auto Volu  0.00	me Auto Speed	(mph) Medium Truck 0.00 Grid Settin 0.00 Grid Settin	Volume Medium Truck Spe 30.00  ngs • O Copy Down  Volume Medium Truck Spe 30.00  Copy Down	2.00  ed [mph] Heavy Truck  2.00	30.00  Volume Heavy Truck Spe 30.00	ed [mph] Bus Volu	30.00 me Bus Speed 30.00	(mph) Motorcycle 0.00	30.00 Volumei Motorcycle Speed 30.00
Start Point Na Point-24  dway: Dolse Start Point Na Point-26  dway: Dolse Start Point Na	ontown Road East Start Point N 172  ontown Road E8 Start Point N 172  Start Point N 172	mber Auto Volu 0.00  Truck \$B  imber Auto Volu 0.00	me Auto Speed 30.00	mph) Medium Truck 0.00  Grid Settir 0.00  Grid Settir (mph) Medium Truck	Volume Medium Truck Spe 30.00 30.00 Copy Down Volume Medium Truck Spe 30.00 Copy Down Volume Medium Truck Spe	ed [mph] Heavy Truck 2.00	30.00  /olume Heavy Truck Spe 30.00	ed [mph] Bus Volu 0.00	Bus Speed 30.00	(mph) Motorcycle 0.00	30.00  Volume Motorcycle Speed 30.00  Volume Motorcycle Speed
Start Point Ns Point-24  Dolse Start Point Na Point-26  dway: Dolse Start Point Na Point-26	ontown Road East ontown Road East one Start Point N 172 ontown Road EB sine Start Point N 26	umber Auto Volu  0.00  Truck SB  mber Auto Volu  0.00  58.00	auto Speed 30.00	mph   Medium Truck   0.00	Volume Medium Truck Spe 30.00  Copy Down  Volume Medium Truck Spe 30.00  Copy Down  Volume Medium Truck Spe 50.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00	Journe Heavy Truck Spe Journe Heavy Truck Spe Journe Heavy Truck Spe Journe Heavy Truck Spe Journe Heavy Truck Spe	0.00  ed [mph] Bus Volu  0.00  sed [mph] Bus Volu  1.00	Bus Speed 30.00  me Bus Speed 50.00	[mph] Motorcycle 0.00  [mph] Motorcycle 1.00	Volume Motorcycle Speed 30.00  Volume Motorcycle Speed 50.00
Start Point Ns Point-24  Dolse Start Point Na Point-26  dway: Dolse Start Point Na Point-46  Point-42 Point-43	ontown Road East Start Point N 172  ontown Road E8 Start Point N 172  Start Point N 172	mber Auto Volu 0.00  Truck \$B  imber Auto Volu 0.00	me Auto Speed 30.00	mph) Medium Truck 0.00  Grid Settir 0.00  Grid Settir (mph) Medium Truck	Volume Medium Truck Spe 30.00 30.00 Copy Down Volume Medium Truck Spe 30.00 Copy Down Volume Medium Truck Spe	ed [mph] Heavy Truck 2.00	30.00  /olume Heavy Truck Spe 30.00	ed [mph] Bus Volu 0.00	Bus Speed 30.00	(mph) Motorcycle 0.00	30.00  Volume Motorcycle Speed 30.00  Volume Motorcycle Speed
Start Point No Point-24  Dolss Start Point No Point-26  dway: Dolss Start Point No Point-26  dway: Dolss Point-42 Point-42 Point-43 Point-45	Start Point N  170  Start Point N  172  Start Point N  172  ontown Road East  Start Point N  26  27	Truck SB umber Auto Volu 0.00  Truck SB umber Auto Volu 55.00 58.00	30.00  me Auto Speed 30.00  me Auto Speed 50.00 50.00	mph) Medium Truck 0.00  Grid Settin (mph) Medium Truck 0.00  Grid Settin 1.00 1.00	Volume Medium Truck Spe 30.00  ags • O Copy Down  Volume! Medium Truck Spe 30.00  Copy Down  Volume! Medium Truck Spe 50.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00	Jolume Heavy Truck Spe 30.00 Jolume Heavy Truck Spe 50.00 50.00	0.00  ed [mph] Bus Volu 0.00  sed [mph] Bus Volu 1.00 1.00	30.00  Bus Speed 30.00  Bus Speed 50.00 50.00	(mph) Motorcycle 0.00  (mph) Motorcycle 1.00 1.00	30.00  Volume   Motorcycle Speed   30.00  Volume   Motorcycle Speed   50.00   50.00
Start Point No Point-24  Dolss Start Point No Point-26  dway: Dolss Start Point No Point-26  dway: Dolss Point-42 Point-42 Point-43 Point-45 Point-47	Start Point N  170  170  170  170  170  170  170  17	Auto Volu	30.00  Auto Speed 30.00  Mee Auto Speed 50.00 50.00 50.00	Imph) Medium Truck 0.00  Grid Settin (mph) Medium Truck 0.00  Grid Settin 1.00 1.00 1.00	Volume Medium Truck Spe 30.00  30.00  Angs • ◆ Copy Down  Volume Medium Truck Spe 30.00  Copy Down  Volume Medium Truck Spe 50.00 50.00 50.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00	Jolume Heavy Truck Spe 30.00 Jolume Heavy Truck Spe 50.00 50.00 50.00	0.00  ed [mph] Bus Volu 0.00  ed [mph] Bus Volu 1.00 1.00	Bus Speed 30.00 50.00 50.00	(mph) Motorcycle 0.00 (mph) Motorcycle 1.00 1.00	Volume Motorcycle Speed 30.00  Volume Motorcycle Speed 50.00 50.00 50.00
Start Point No Point-24  dway: Dolss Start Point No Point-26  dway: Dolss Start Point No Point-42 Point-42 Point-43 Point-45 Point-47 Point-47 Point-49 Point-51	ontown Road East  Start Point N  170  Start Point N  170  Start Point N  172  Start Point N  26  27  28  29  30  31	Auto Volu	Auto Speed 30.00  Auto Speed 50.00 50.00 50.00 50.00 50.00 50.00	mph) Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00	Volume Medium Truck Spe 30.00  Copy Down  Volume Medium Truck Spe 30.00  Copy Down  Volume Medium Truck Spe 50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	70lume Heavy Truck Spe 30.00 70lume Heavy Truck Spe 50.00 50.00 50.00 50.00 50.00 50.00	0.00  ed [mph] Bus Volu 0.00  1.00 1.00 1.00 1.00 1.00 1.00 1.	Bus Speed 30.00  Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00	(mph) Motorcycle 0.00  (mph) Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00	30.00
Start Point No Point-24  Dolss Start Point No Point-26  Dolss Start Point No Point-42  Point-43  Point-43  Point-47  Point-47  Point-49  Point-51	ontown Road East  Start Point N  170  Start Point N  172  Start Point N  26  27  28  29  30  31  32	mber Auto Volu	me Auto Speed 30.00  me Auto Speed 50.00  50.00  50.00  50.00  50.00  50.00  50.00	mph) Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  Copy Down  Volume Medium Truck Spe 50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	70lume Heavy Truck Spe 30.00 70lume Heavy Truck Spe 50.00 50.00 50.00 50.00 50.00 50.00 50.00	eed [mph] Bus Volu 0.00  sed [mph] Bus Volu 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	me Bus Speed 30.00  me Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00	(mph) Motorcycle 0.00  (mph) Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Volume   Motorcycle Speed   30.00      Volume   Motorcycle Speed   50.00   50.
Start Point No Point-24  Dolse Start Point No Point-26  Dolse Start Point No Point-42  Point-42  Point-43  Point-45  Point-47  Point-47  Point-47  Point-47  Point-47  Point-51  Point-53	170   170	mber Auto Volu	me Auto Speed 30.00  me Auto Speed 50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00	mph) Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  S0.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	/olume Heavy Truck Spe 30.00  /olume Heavy Truck Spe 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	ed [mph] Bus Volu 0.00  sed [mph] Bus Volu 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Bus Speed 30.00  Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	[mph] Motorcycle 0.00   0.00	Volume Motorcycle Speed 30.00  Volume Motorcycle Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00
start Point Na Point-24  dway: Dolse start Point Na Point-26  dway: Dolse start Point Na Point-42  Point-43  Point-45  Point-47  Point-47  Point-51  Point-51  Point-53  Point-53	ontown Road East  TO  Start Point N  170  Start Point N  172  TO  Start Point N  172  Start Point N  26  27  28  29  30  31  32  33  34	mber Auto Volu	me Auto Speed 30.00  me Auto Speed 50.00  50.00  50.00  50.00  50.00  50.00  50.00	mph Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  S0.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	70lume Heavy Truck Spe 30.00 70lume Heavy Truck Spe 50.00 50.00 50.00 50.00 50.00 50.00 50.00	eed [mph] Bus Volu 0.00  sed [mph] Bus Volu 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	me Bus Speed 30.00  me Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00	(mph) Motorcycle 0.00  (mph) Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Volume   Motorcycle Speed   30.00      Volume   Motorcycle Speed   50.00   50.
Start Point No Point-24  ddway: Dolse Start Point No Point-26  ddway: Dolse Start Point No Point-42  Point-43  Point-45  Point-47  Point-47  Point-51  Point-51  Point-53	Start Point N   170	mber Auto Volu  mber Auto Volu  mber Auto Volu  58.00  58.00  58.00  58.00  58.00  58.00  58.00  58.00  58.00  58.00  58.00	### Auto Speed	Medium Truck	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  S0.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	70lume Heavy Truck Spe 30.00 70lume Heavy Truck Spe 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	eed [mph] Bus Volu 0.00  sed [mph] Bus Volu 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Bus Speed 30.00  Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	0.00   Motorcycle	Volume: Motorcycle Speed 30.00  Volume: Motorcycle Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00
Start Point No Point-24  Delse Start Point No Point-26  Start Point No Point-42 Point-43 Point-47 Point-47 Point-49 Point-49 Point-53 Point-53 Point-55 Point-55 Point-55 Point-55 Point-55 Point-55 Point-56 Point-57 Point-56 Point-57 Point-57 Point-58 Point-59 Point-69 Poin	ontown Road East 170  170  170  170  170  170  170  170	mber Auto Volu	me Auto Speed 30.00 me Auto Speed 50.00 50	mph Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  S0.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	Jolume Heavy Truck Spe 30.00 Jones Heavy Truck Spe 50.00 Jones Jon	0.00  ed [mph] Bus Volu 0.00  1.00 1.00 1.00 1.00 1.00 1.00 1.	me Bus Speed 30.00  me Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	[mph] Motorcycle 0.00   0.00	30.00
Start Point No Point-24  Dolss Start Point No Point-26  Start Point No Point-42 Point-42 Point-47 Point-47 Point-53 Point-55 Point-55 Point-55 Point-55 Point-57 Point-57 Point-57 Point-57 Dolss Start Point No	170   170	mber Auto Volu  mber Auto Volu  mber Auto Volu  58.00	### Auto Speed	Medium Truck	Volume   Medium Truck Spe   30.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	70lume Heavy Truck Spe 30.00  70lume Heavy Truck Spe 50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00	ed [mph] Bus Volu   sed [mph] Bus Volu  1.00	Bus Speed 30.00  Bus Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 60.	[mph] Motorcycle   0.00   1.00	Volume   Motorcycle Speed   30.00   30.00   30.00   50
Start Point No Point-26  Adway: Dolss Start Point No Point-26  Adway: Dolss Start Point No Point-42 Point-42 Point-47 Point-47 Point-51 Point-57 Point-57 Point-57 Point-58 Point-59 Point-59 Point-69	ontown Road East ime Start Point N  170  Start Point N  172  Start Point N  172  Start Point N  26  27  28  29  30  31  32  33  34  34  35  Start Point N  40  41	mber Auto Volu  Truck 58  imber Auto Volu  0.00  Truck 58  imber Auto Volu  58.00  58.00  58.00  58.00  58.00  58.00  58.00  58.00  imber Auto Volu  miter Auto Volu  58.00  58.00  58.00  58.00  58.00  58.00  58.00  58.00	me Auto Speed   30.00   30.00   30.00   30.00   30.00   30.00   50.00	mph) Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume Medium Truck Spe 30.00  30.00  Volume Medium Truck Spe 30.00  So.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	30,00	0.00	me Bus Speed 30.00 30.00 50.00	(mph) Motorcycle 0.00  (mph) Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume   Motorcycle Speed   30.00   30.00   30.00   50
Start Point No Point-24  Delse Start Point No Point-26  Start Point No Point-42 Point-47 Point-47 Point-47 Point-53 Point-55 Point-57 Point-57 Point-55 Point-57 Point-68 Point-68 Point-68 Point-69 Point-69	Start Point N   170	mber Auto Volu	me Auto Speed 30.00  me Auto Speed 30.00  me Auto Speed 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	mph) Medium Truck 0.00  Grid Settir (mph) Medium Truck 0.00  Grid Settir 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  30.00  S0.00  S0.00  S0.00  S0.00  S0.00  S0.00  S0.00  Volume Medium Truck Spe 50.00  S0.00  S0.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	/olume Heavy Truck Spe 30.00  /olume Heavy Truck Spe 50.00	eed [mph] Bus Volu	me Bus Speed 30.00 50.00	[mph] Motorcycle 0.00  [mph] Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	30.00
Start Point No Point-24  Dolss Start Point No Point-26  ddway: Dolss Start Point No Point-42 Point-43 Point-47 Point-47 Point-51 Point-55 Point-55 Point-55 Point-55 Point-55 Start Point No Point No Point-68 Point-68 Point-68 Point-69 Point-71 Point-71	Start Point N   170	mber Auto Volu	me Auto Speed   30.00   30.00   30.00   30.00   30.00   50.00	Medium Truck	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  So.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	/olume Heavy Truck Spet 30.00  /olume Heavy Truck Spet 50.00	ed [mph] Bus Volu 0.00  sed [mph] Bus Volu 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Bus Speed 30.00  Bus Speed 50.00	mph  Motorcycle	30.00
Start Point No Point-24  Dolss Start Point No Point-26  Start Point No Point-42  Point-42  Point-47  Point-47  Point-55  Point-57  Point-57  Point-68  Point-68  Point-68  Point-69  Point-73  Point-73  Point-73	Start Point N   170	mber Auto Volu  mber Auto Volu  mber Auto Volu  58.00	## Auto Speed	Medium Truck	Volume   Medium Truck Spe   30.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	70lume Heavy Truck Spe 30.00  70lume Heavy Truck Spe 50.00  50.00	ed [mph] Bus Volu	Bus Speed 30.00  Bus Speed 50.00	[mph] Motorcycle   0.00   1.00	Volume   Motorcycle Speed   30.00   30.00   30.00   50
Start Point No Point-26  start Point No Point-26  start Point No Point-26  start Point No Point-42 Point-47 Point-47 Point-47 Point-53 Point-55 Point-57  Point-58 Point-57  Point-57  Point-57  Point-57  Point-57  Point-57	Start Point N   170	mber Auto Volu	me Auto Speed   30.00   30.00   30.00   30.00   30.00   50.00	Medium Truck	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  So.00	2.00  ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	/olume Heavy Truck Spet 30.00  /olume Heavy Truck Spet 50.00	ed [mph] Bus Volu	Bus Speed 30.00  Bus Speed 50.00	mph  Motorcycle	30.00
Start Point No Point-24  Start Point No Point-26  Start Point No Point-26  Start Point No Point-47 Point-47 Point-49 Point-53 Point-55 Point-55 Point-55 Point-57 Poi	Start Point N   170	mber Auto Volu  Truck 58  mber Auto Volu  58.00	me Auto Speed 30.00  me Auto Speed 50.00  50.00	Medium Truck	Volume Medium Truck Spe 30.00  30.00  Volume Medium Truck Spe 30.00  Medium Truck Spe 30.00  S0.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	30,00   Heavy Truck Spe   30,00	eed [mph] Bus Volu	me Bus Speed   30.00   30.00   30.00   30.00   30.00   50.00	[mph] Motorcycle 0.00  [mph] Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	30.00
Start Point No Point-24  Start Point No Point-26  Start Point No Point-26  Start Point No Point-42 Point-43 Point-47 Point-47 Point-53 Point-55 Point-55 Point-55 Point-55 Point-56 Point-68 Point-68 Point-69 Point-71 Point-77 Point-77 Point-77	170   170	mber Auto Volu  58.00	me Auto Speed 30.00  me Auto Speed 30.00  me Auto Speed 50.00	Medium Truck	Volume Medium Truck Spe 30.00  30.00  Copy Down  Volume Medium Truck Spe 30.00  Medium Truck Spe 30.00  So.00	ed [mph] Heavy Truck 2.00  ed [mph] Heavy Truck 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	/olume Heavy Truck Spe 30.00  /olume Heavy Truck Spe 50.00  50.00  50.00  50.00  50.00  50.00  50.00  7olume Heavy Truck Spe 50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00  50.00	eed [mph] Bus Volu	Bus Speed 30.00 50	[mph] Motorcycle 0.00  [mph] Motorcycle 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Volume   Motorcycle Speed   30.00   30.00   30.00   50



Ro	adway: I-84 EB				Grid Settings • (	Copy Down						
	Start Point Nam	e Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mp
>	Point-0	6	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-1	7	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-3	107	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-5	108	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-7	109	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-9	110	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-11	111	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-13	112	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-15	113	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00
	Point-17	114	148.00	70.00	27.00	70.00	34.00	70.00	1.00	70.00	1.00	70.00

Roa	adway: I-84 WB	)			Grid Settings • (	Opy Down						
	Start Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [m
>	Point-20	116	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-21	117	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-23	118	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-25	119	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-27	120	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-29	121	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-31	122	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-33	123	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-35	124	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00
	Point-37	125	129.00	70.00	23.00	70.00	30.00	70.00	1.00	70.00	1.00	70.00

Roa	adway: I-84 WB	Off-Ramp			Grid Settings • (	Copy Down						
i	Start Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mp
I	Point-110	62	32.00	35.00	1.00	35.00	5.00	35.00	1.00	35.00	1.00	35.00
	Point-111	63	32.00	35.00	1.00	35.00	5.00	35.00	1.00	35.00	1.00	35.00
ı	Point-113	64	32.00	35.00	1.00	35.00	5.00	35.00	1.00	35.00	1.00	35.00
I	Point-115	65	32.00	35.00	1.00	35.00	5.00	35.00	1.00	35.00	1.00	35.00
	Point-117	66	32.00	35.00	1.00	35.00	5.00	35.00	1.00	35.00	1.00	35.00
	Point-119	67	32.00	35.00	1.00	35.00	5.00	35.00	1.00	35.00	1.00	35.00

Ro	adway: NYS Ro	oute 17M NB			Grid Settings • (	Opy Down						
	Start Point Nam	e Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mp
>	Point-122	69	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-123	70	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-125	71	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-127	72	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-129	73	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-131	74	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-133	75	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-135	76	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-137	77	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-139	78	63.00	50.00	5.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00

=	Start Point Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	<b>Bus Volume</b>	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [m
,	Point-148	83	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-149	84	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-151	85	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-153	86	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-155	87	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-157	88	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-159	89	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-161	90	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-163	91	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00
	Point-165	92	69.00	50.00	6.00	50.00	5.00	50.00	1.00	50.00	1.00	50.00

R	Roadway: Sim	on Business Park Passer	iger Car NB		Grid Settings • (	Opy Down						
	Start Point N	ame Start Point Numb	Auto Volum	e Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]
>	Point-24	148	10.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00
	Point-25	149	10.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00

R	loadway:	Simon Business Park Passenger Car SB				Grid Settings •	Grid Settings • O Copy Down							
	Start Po	oint Name	Start Point Number	Auto Volume	Auto Speed [mph]	Medium Truck Volume	Medium Truck Speed [mph]	Heavy Truck Volume	Heavy Truck Speed [mph]	Bus Volume	Bus Speed [mph]	Motorcycle Volume	Motorcycle Speed [mph]	
>	Point-	28	151	10.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	
	Point-	29	152	10.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	





#### Current Status: Project calculated

Receiver Name	Noise Reduction Difference	With Barrier Level
Receptor 1	-8.00	52.93
Receptor 2	-5.88	53.20
Receptor 3	-7.83	51.81
Receptor 4	-8.00	55.60