

APPENDIX D

NOISE MODELING DATA

Sherwin Williams

1	1=CNEL & LEQ, 2=LDN runtime
S	Soft or Hard?

Roadway Link Name	Existing					Existing + Option A					Existing + Option B					2035 No Project					2035 + Option A					2035 + Option B				
	ADT	Lanes	AHW	Speed	Traff dist	ADT	Lanes	AHW	Speed	Traff dist	ADT	Lanes	AHW	Speed	Traff dist	ADT	Lanes	AHW	Speed	Traff dist	ADT	Lanes	AHW	Speed	Traff dist	ADT	Lanes	AHW	Speed	Traff dist
1 Horton Street - 53rd Street to Stanford Avenue	4,840	2	6	25	0	5,710	2	6	25	0	5,750	2	6	25	0	7,710	2	6	25	0	8,570	2	6	25	0	8,610	2	6	25	0
2 53rd Street - Horton Street to Hollis Street	610	2	6	25	0	960	2	6	25	0	1,050	2	6	25	0	1,130	2	6	25	0	1,450	2	6	25	0	1,550	2	6	25	0
3 Horton Street - 53rd Street to Project Driveway	4,890	2	6	25	0	6,130	2	6	25	0	6,260	2	6	25	0	7,380	2	6	25	0	8,560	2	6	25	0	8,700	2	6	25	0
4 Horton Street - 45th Street to Project Driveway	5,000	2	6	25	0	5,610	2	6	25	0	5,680	2	6	25	0	7,450	2	6	25	0	8,060	2	6	25	0	8,150	2	6	25	0
5 45th Street - Horton Street to Hollis Street	1,050	2	6	25	0	1,300	2	6	25	0	1,300	2	6	25	0	1,100	2	6	25	0	1,390	2	6	25	0	1,380	2	6	25	0
6 Hollis Street - 53rd Street to 45th Street	10,900	2	6	30	0	11,000	2	6	30	0	10,900	2	6	30	0	13,070	2	6	30	0	13,200	2	6	30	0	13,440	2	6	30	0
7 Sherwin Avenue - Horton Street to Halleck Street	690	2	6	25	0	1,210	2	6	25	0	1,140	2	6	25	0	690	2	6	25	0	1,240	2	6	25	0	1,170	2	6	25	0
8 Hubbard Street - Park Avenue to Sherwin Avenue	260	2	6	25	0	720	2	6	25	0	870	2	6	25	0	210	2	6	25	0	760	2	6	25	0	870	2	6	25	0
9 Horton Street - Sherwin Avenue to Park Avenue	4,700	2	6	25	0	5,520	2	6	25	0	5,580	2	6	25	0	7,200	2	6	25	0	8,270	2	6	25	0	8,350	2	6	25	0
10 Halleck Street - Sherwin Avenue to Park Avenue	500	2	6	25	0	890	2	6	25	0	580	2	6	25	0	500	2	6	25	0	890	2	6	25	0	580	2	6	25	0

Traffic distribution	(OC Defaults)	1	2	3
Daytime Auto percentage	(75.51) (88.08)			
Evening Auto percentage	(12.57)			
Nighttime Auto percentage	(9.34) (9.34)			
Daytime Medium Truck percentage	(1.56) (1.65)			
Evening Medium Truck percentage	(0.09)			
Nighttime Medium Truck percentage	(0.19) (0.19)			
Daytime Heavy-duty Truck percentage	(0.64) (0.66)			
Evening Heavy-duty Truck percentage	(0.02)			
Nighttime Heavy-duty Truck percentage	(0.08) (0.08)			
	(should sum to 100)	0	0	0

To use Orange County standard traffic distribution, enter a 0 in the "Traff dist" column, otherwise enter the number of the column in the table to the left to use.

If doing a LDN model run, leave the evening rows blank (they will be ignored)

** First Street listed is referenced intersection for ADT calcs

***AHW: Average Half Width

Existing

Roadway Segment	ADT	Center-line to 70 CNEL (feet)	Center-line to 65 CNEL (feet)	Center-line to 60 CNEL (feet)	CNEL (dBA) 50 feet from Centerline of Outermost Lane
Ex Horton Street - 53rd Street to Stanford Avenue	4,900	< 50	< 50	< 50	57.6
Ex 53rd Street - Horton Street to Hollis Street	610	< 50	< 50	< 50	48.6
Ex Horton Street - 53rd Street to Project Driveway	4,900	< 50	< 50	< 50	57.6
Ex Horton Street - 45th Street to Project Driveway	5,000	< 50	< 50	< 50	57.7
Ex 45th Street - Horton Street to Hollis Street	1,100	< 50	< 50	< 50	51.1
Ex Hollis Street - 53rd Street to 45th Street	10,900	< 50	< 50	88	63
Ex Sherwin Avenue - Horton Street to Halleck Street	690	< 50	< 50	< 50	49.1
Ex Hubbard Street - Park Avenue to Sherwin Avenue	260	< 50	< 50	< 50	44.9
Ex Horton Street - Sherwin Avenue to Park Avenue	4,700	< 50	< 50	< 50	57.4
Ex Halleck Street - Sherwin Avenue to Park Avenue	500	< 50	< 50	< 50	47.7

Existing + Option A

Roadway Segment	ADT	Center-line to 70 CNEL (feet)	Center-line to 65 CNEL (feet)	Center-line to 60 CNEL (feet)	CNEL (dBA) 50 feet from Centerline of Outermost Lane	Increase from Baseline Conditions
Ex Horton Street - 53rd Street to Stanford Avenue	5,800	< 50	< 50	< 50	58.4	0.8
Ex 53rd Street - Horton Street to Hollis Street	960	< 50	< 50	< 50	50.5	1.9
Ex Horton Street - 53rd Street to Project Driveway	6,200	< 50	< 50	< 50	58.6	1
Ex Horton Street - 45th Street to Project Driveway	5,700	< 50	< 50	< 50	58.3	0.6
Ex 45th Street - Horton Street to Hollis Street	1,300	< 50	< 50	< 50	51.9	0.8
Ex Hollis Street - 53rd Street to 45th Street	11,000	< 50	< 50	88	63	0
Ex Sherwin Avenue - Horton Street to Halleck Street	1,300	< 50	< 50	< 50	51.9	2.8
Ex Hubbard Street - Park Avenue to Sherwin Avenue	720	< 50	< 50	< 50	49.3	4.4
Ex Horton Street - Sherwin Avenue to Park Avenue	5,600	< 50	< 50	< 50	58.2	0.8
Ex Halleck Street - Sherwin Avenue to Park Avenue	890	< 50	< 50	< 50	50.2	2.5

Existing + Option B

Roadway Segment	ADT	Center-line to 70 CNEL (feet)	Center-line to 65 CNEL (feet)	Center-line to 60 CNEL (feet)	CNEL (dBA) 50 feet from Centerline of Outermost Lane	Increase from Baseline Conditions
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Ex Horton Street - 53rd Street to Stanford Avenue	5,800 < 50	< 50	< 50		58.4	0
Ex 53rd Street - Horton Street to Hollis Street	1,100 < 50	< 50	< 50		51.1	0.6
Ex Horton Street - 53rd Street to Project Driveway	6,300 < 50	< 50	< 50		58.7	0.1
Ex Horton Street - 45th Street to Project Driveway	5,700 < 50	< 50	< 50		58.3	0
Ex 45th Street - Horton Street to Hollis Street	1,300 < 50	< 50	< 50		51.9	0
Ex Hollis Street - 53rd Street to 45th Street	10,900 < 50	< 50		88	63	0
Ex Sherwin Avenue - Horton Street to Halleck Street	1,200 < 50	< 50	< 50		51.5	-0.4
Ex Hubbard Street - Park Avenue to Sherwin Avenue	870 < 50	< 50	< 50		50.1	0.8
Ex Horton Street - Sherwin Avenue to Park Avenue	5,600 < 50	< 50	< 50		58.2	0
Ex Halleck Street - Sherwin Avenue to Park Avenue	580 < 50	< 50	< 50		48.4	-1.8

CNELOUT.PRN
TABLE Existing-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Stanford Avenue
NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4900 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRI BUTION EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.63

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	83.5

♀
TABLE Existing-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 53rd Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 610 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRI BUTION EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

CNELOUT.PRN

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 48.58

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀
TABLE Existing-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Project Driveway
NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4900 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRI BUTION EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.63

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	83.5

♀
TABLE Existing-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 45th Street to Project Driveway
NOTES: Sherwin Williams - Existing

CNELOUT.PRN
* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5000 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	84.7

TABLE Existing-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 45th Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1100 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL

CNELOUT.PRN

0.0 0.0 0.0 0.0

TABLE Existing-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hollis Street - 53rd Street to 45th Street
NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10900 SPEED (MPH): 30 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	87.9	188.9

TABLE Existing-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Sherwin Avenue - Horton Street to Halleck Street
NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 690 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34

CNELOUT. PRN

M-TRUCKS 1.56 0.09 0.19
 H-TRUCKS 0.64 0.02 0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 49.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
 TABLE Existing-08
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Hubbard Street - Park Avenue to Sherwin Avenue
 NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 260 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES			
DAY	EVENING	NIGHT	
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AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 44.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
 TABLE Existing-09
 FHWA ROADWAY NOISE LEVEL ANALYSIS

CNELOUT. PRN

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Horton Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4700 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES			
DAY	EVENING	NIGHT	
---	-----	-----	
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	81.3

♀
 TABLE Existing-10
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Halleck Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 500 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES			
DAY	EVENING	NIGHT	
---	-----	-----	
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

CNELOUT.PRN
* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 47.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
TABLE Existing + Option A-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Stanford Avenue
NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5800 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	-----	-----	-----
	75.51	12.57	9.34
M-TRUCKS	-----	-----	-----
	1.56	0.09	0.19
H-TRUCKS	-----	-----	-----
	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	93.4

♀
TABLE Existing + Option A-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 53rd Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 960 SPEED (MPH): 25 GRADE: .5
Page 7

CNELOUT.PRN

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	-----	-----	-----
	75.51	12.57	9.34
M-TRUCKS	-----	-----	-----
	1.56	0.09	0.19
H-TRUCKS	-----	-----	-----
	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
TABLE Existing + Option A-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Project Driveway
NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6200 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	-----	-----	-----
	75.51	12.57	9.34
M-TRUCKS	-----	-----	-----
	1.56	0.09	0.19
H-TRUCKS	-----	-----	-----
	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	97.6

CNELOUT. PRN

♀

TABLE Existing + Option A-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 45th Street to Project Driveway
NOTES: Sherwin Williams - Existing + Option A

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 5700 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	92.3

♀

TABLE Existing + Option A-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 45th Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - Existing + Option A

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS			

CNELOUT. PRN

0.64 0.02 0.08
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE Existing + Option A-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hollis Street - 53rd Street to 45th Street
NOTES: Sherwin Williams - Existing + Option A

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 11000 SPEED (MPH): 30 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	88.4	190.1

♀

TABLE Existing + Option A-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Sherwin Avenue - Horton Street to Halleck Street

CNELOUT.PRN
 NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION DAY	PERCENTAGES EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.86

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	0.0	0.0	0.0	0.0

♀
 TABLE Existing + Option A-08
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Hubbard Street - Park Avenue to Sherwin Avenue
 NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 720 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION DAY	PERCENTAGES EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 49.30

CNELOUT.PRN

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	0.0	0.0	0.0	0.0

♀
 TABLE Existing + Option A-09
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Horton Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5600 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION DAY	PERCENTAGES EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.21

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	0.0	0.0	0.0	91.3

♀
 TABLE Existing + Option A-10
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Halleck Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - Existing + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 890 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION DAY	PERCENTAGES EVENING	PERCENTAGES NIGHT
-----------------------------	------------------------	----------------------

CNELOUT. PRN		
---	-----	-----
AUTOS	75.51	12.57
M-TRUCKS	1.56	0.09
H-TRUCKS	0.64	0.02
ACTIVE HALF-WIDTH (FT): 6	SITE CHARACTERISTICS: SOFT	

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀

TABLE Existing + Option B-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Stanford Avenue
NOTES: Sherwin Williams - Existing + Option B

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 5800 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES		
DAY	EVENING	NIGHT
---	-----	-----
AUTOS	75.51	12.57
M-TRUCKS	1.56	0.09
H-TRUCKS	0.64	0.02
ACTIVE HALF-WIDTH (FT): 6	SITE CHARACTERISTICS: SOFT	

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	93.4

♀

CNELOUT. PRN
TABLE Existing + Option B-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 53rd Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - Existing + Option B

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 1100 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES		
DAY	EVENING	NIGHT
---	-----	-----
AUTOS	75.51	12.57
M-TRUCKS	1.56	0.09
H-TRUCKS	0.64	0.02
ACTIVE HALF-WIDTH (FT): 6	SITE CHARACTERISTICS: SOFT	

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀

TABLE Existing + Option B-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Project Driveway
NOTES: Sherwin Williams - Existing + Option B

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 6300 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES		
DAY	EVENING	NIGHT
---	-----	-----
AUTOS	75.51	12.57
M-TRUCKS	1.56	0.09
H-TRUCKS	0.64	0.02
ACTIVE HALF-WIDTH (FT): 6	SITE CHARACTERISTICS: SOFT	

CNELOUT. PRN

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	98.7

♀

TABLE Existing + Option B-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 45th Street to Project Driveway
NOTES: Sherwin Williams - Existing + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5700 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	92.3

♀

TABLE Existing + Option B-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 45th Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - Existing + Option B

CNELOUT. PRN
* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE Existing + Option B-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hollis Street - 53rd Street to 45th Street
NOTES: Sherwin Williams - Existing + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10900 SPEED (MPH): 30 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL

CNELOUT. PRN			
-----	-----	-----	-----
0.0	0.0	87.9	188.9

♀
 TABLE Existing + Option B-07
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Sherwin Avenue - Horton Street to Halleck Street
 NOTES: Sherwin Williams - Existing + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
---	-----	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
 TABLE Existing + Option B-08
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Hubbard Street - Park Avenue to Sherwin Avenue
 NOTES: Sherwin Williams - Existing + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 870 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
---	-----	-----	-----
AUTOS	75.51	12.57	9.34

CNELOUT. PRN			
-----	-----	-----	
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
 TABLE Existing + Option B-09
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Horton Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - Existing + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5600 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
---	-----	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	91.3

♀
 TABLE Existing + Option B-10
 FHWA ROADWAY NOISE LEVEL ANALYSIS

CNELOUT. PRN

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Halleck Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - Existing + Option B

** ASSUMPTIONS **

AVERAGE DAILY TRAFFIC: 580 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

** CALCULATED NOISE LEVELS **

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 48.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀
 TABLE 2035 No Project-01
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Horton Street - 53rd Street to Stanford Avenue
 NOTES: Sherwin Williams - 2035 No Project

** ASSUMPTIONS **

AVERAGE DAILY TRAFFIC: 7800 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

CNELOUT. PRN
 ** CALCULATED NOISE LEVELS **

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	53.1	113.7

♀
 TABLE 2035 No Project-02
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: 53rd Street - Horton Street to Hollis Street
 NOTES: Sherwin Williams - 2035 No Project

** ASSUMPTIONS **

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

** CALCULATED NOISE LEVELS **

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀
 TABLE 2035 No Project-03
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Horton Street - 53rd Street to Project Driveway
 NOTES: Sherwin Williams - 2035 No Project

** ASSUMPTIONS **

AVERAGE DAILY TRAFFIC: 7400 SPEED (MPH): 25 GRADE: .5

CNELOUT. PRN

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	51.3	109.8

♀
TABLE 2035 No Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 45th Street to Project Driveway
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 7500 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	51.7	110.8

CNELOUT. PRN

♀
TABLE 2035 No Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 45th Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 1100 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀
TABLE 2035 No Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hollis Street - 53rd Street to 45th Street
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 13100 SPEED (MPH): 30 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS			

0.64 0.02 CNELOUT.PRN
0.08
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	99.3	213.5

♀

TABLE 2035 No Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Sherwin Avenue - Horton Street to Halleck Street
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 690 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 49.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE 2035 No Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hubbard Street - Park Avenue to Sherwin Avenue
Page 23

CNELOUT.PRN
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 210 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 43.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE 2035 No Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - Sherwin Avenue to Park Avenue
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 7200 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.30

CNELOUT. PRN

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	107.8

♀

TABLE 2035 No Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Halleck Street - Sherwin Avenue to Park Avenue
NOTES: Sherwin Williams - 2035 No Project

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 500 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 47.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE 2035 + Option A-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Stanford Avenue
NOTES: Sherwin Williams - 2035 + Option A

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 8600 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT

CNELOUT. PRN

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL		
70 CNEL	65 CNEL	60 CNEL
75.51	12.57	9.34
1.56	0.09	0.19
0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	56.6	121.3

♀

TABLE 2035 + Option A-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 53rd Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - 2035 + Option A

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 1500 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 52.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

CNELOUT.PRN
TABLE 2035 + Option A-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Project Driveway
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8600 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRI EVENING	BUTION NIGHT	PERCENTAGES
	---	-----	-----	-----
AUTOS	75.51	12.57	9.34	
M-TRUCKS	1.56	0.09	0.19	
H-TRUCKS	0.64	0.02	0.08	

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL				
70 CNEL	65 CNEL	60 CNEL	55 CNEL	
-----	-----	-----	-----	
0.0	0.0	56.6	121.3	

♀
TABLE 2035 + Option A-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 45th Street to Project Driveway
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8100 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRI EVENING	BUTION NIGHT	PERCENTAGES
	---	-----	-----	-----
AUTOS	75.51	12.57	9.34	
M-TRUCKS	1.56	0.09	0.19	
H-TRUCKS	0.64	0.02	0.08	

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

CNELOUT.PRN

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL				
70 CNEL	65 CNEL	60 CNEL	55 CNEL	
-----	-----	-----	-----	
0.0	0.0	54.4	116.6	

♀
TABLE 2035 + Option A-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 45th Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1400 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRI EVENING	BUTION NIGHT	PERCENTAGES
	---	-----	-----	-----
AUTOS	75.51	12.57	9.34	
M-TRUCKS	1.56	0.09	0.19	
H-TRUCKS	0.64	0.02	0.08	

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 52.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL				
70 CNEL	65 CNEL	60 CNEL	55 CNEL	
-----	-----	-----	-----	
0.0	0.0	0.0	0.0	

♀
TABLE 2035 + Option A-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hollis Street - 53rd Street to 45th Street
NOTES: Sherwin Williams - 2035 + Option A

CNELOUT. PRN
* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13200 SPEED (MPH): 30 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	99.8	214.6

♀
TABLE 2035 + Option A-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Sherwin Avenue - Horton Street to Halleck Street
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL

CNELOUT. PRN

0.0 0.0 0.0 0.0

♀
TABLE 2035 + Option A-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hubbard Street - Park Avenue to Sherwin Avenue
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 760 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 49.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀
TABLE 2035 + Option A-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - Sherwin Avenue to Park Avenue
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8300 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34

CNELOUT. PRN

M-TRUCKS 1.56 0.09 0.19
H-TRUCKS 0.64 0.02 0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	55.3	118.5

♀

TABLE 2035 + Option A-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Halleck Street - Sherwin Avenue to Park Avenue
NOTES: Sherwin Williams - 2035 + Option A

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 890 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE 2035 + Option B-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

CNELOUT. PRN

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Stanford Avenue
NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8700 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	57.0	122.3

♀

TABLE 2035 + Option B-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 53rd Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1600 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

CNELOUT.PRN
* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 52.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

♀
TABLE 2035 + Option B-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 53rd Street to Project Driveway
NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8700 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	-----	-----	-----
	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	57.0	122.3

♀
TABLE 2035 + Option B-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - 45th Street to Project Driveway
NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8200 SPEED (MPH): 25 GRADE: .5

CNELOUT.PRN

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	-----	-----	-----
	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	54.8	117.6

♀
TABLE 2035 + Option B-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: 45th Street - Horton Street to Hollis Street
NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1400 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	-----	-----	-----
	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 52.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	0.0

CNELOUT. PRN

♀

TABLE 2035 + Option B-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hollis Street - 53rd Street to 45th Street
NOTES: Sherwin Williams - 2035 + Option B

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 13500 SPEED (MPH): 30 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	101.3	217.8

♀

TABLE 2035 + Option B-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Sherwin Avenue - Horton Street to Halleck Street
NOTES: Sherwin Williams - 2035 + Option B

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS			

CNELOUT. PRN
0.64 0.02 0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE 2035 + Option B-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Hubbard Street - Park Avenue to Sherwin Avenue
NOTES: Sherwin Williams - 2035 + Option B

*** ASSUMPTIONS ***

AVERAGE DAILY TRAFFIC: 870 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

*** CALCULATED NOISE LEVELS ***

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	0.0	0.0	0.0

♀

TABLE 2035 + Option B-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
ROADWAY SEGMENT: Horton Street - Sherwin Avenue to Park Avenue
Page 36

CNELOUT.PRN
 NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8400 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRIBUTION EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.97

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	0.0	0.0	55.7	119.5

♀

TABLE 2035 + Option B-10
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/17/2015
 ROADWAY SEGMENT: Halleck Street - Sherwin Avenue to Park Avenue
 NOTES: Sherwin Williams - 2035 + Option B

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 580 SPEED (MPH): 25 GRADE: .5

	TRAFFIC DAY	DISTRIBUTION EVENING	PERCENTAGES NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 48.36

CNELOUT.PRN

DI STANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	0.0	0.0	0.0	0.0

♀