

A CITY WITH VISION

CERRITOS
GENERAL PLAN & EIR

Appendix D
Noise Model Runs



Existing Conditions

Artesia Blvd. - Palo Verde to Studebaker - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)          40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38            //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31            //
//                      *** CNEL @ 100' (SOFT)                 63.31         //
// VOL                  TOTAL Vehicle Volume (two-way)          22,715        //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
508	460	<-- hard 60 CNEL soft --->	195	147
161	112	65 CNEL	91	42
51	2	70 CNEL	42	-6

```

//
// View                View Angle of Observer (180)            180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods              Thickness of woodland between            0             //
//                      observer and road (feet)                //
// Cover              Percent view coverage between            0             //
//                      observer and road (0-100)               //
// Rows              Building rows between observer            0             //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Artesia Blvd. - Studebaker to Gridley - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 62.07        //
// VOL                  TOTAL Vehicle Volume (two-way)          17,062       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
382	333	<-- hard	60 CNEL soft --->	161	113
121	72		65 CNEL	75	26
38	-10		70 CNEL	35	-14

```

//
// View                View Angle of Observer (180)           180          //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0           //
//                      observer and road (feet)               //
// Cover               Percent view coverage between           0           //
//                      observer and road (0-100)              //
// Rows                Building rows between observer           0           //
//                      and roadway (0-4).                     //
////////////////////////////////////

```

Artesia Blvd. - Gridley to Norwalk - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//               *** CNEL @ 100' (SOFT) 62.57 //
// VOL            TOTAL Vehicle Volume (two-way)    19,136 //
// ALPHA          Hard site=0, Soft site=0.5        0.5      //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
428	380	<-- hard	60 CNEL soft --->	174	126
136	87		65 CNEL	81	32
43	-6		70 CNEL	38	-11

```

//
// View          View Angle of Observer (180)        180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows          Building rows between observer      0        //
//               and roadway (0-4). //

```

```

////////////////////////////////////

```

Artesia Blvd. - Norwalk to Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38       //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31       //
//               *** CNEL @ 100' (SOFT) 62.52 //
// VOL            TOTAL Vehicle Volume (two-way)     18,954 //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
424	375	<-- hard	60 CNEL soft --->	173	125
134	85		65 CNEL	80	32
42	-6		70 CNEL	37	-11

```

//
// View          View Angle of Observer (180)        180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

Artesia Blvd. - Bloomfield to Shoemaker - Existing

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)             38           //
//                with      >>           (Usually 23' for 2-lane, 38' //
//                median    >>           for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                    31           //
//                *** CNEL @ 100' (SOFT)                  62.34        //
// VOL             TOTAL Vehicle Volume (two-way)          18,163       //
// ALPHA          Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
406	358	<-- hard 60 CNEL soft --->	168	120
129	80	65 CNEL	78	30
41	-8	70 CNEL	36	-12

```

//
// View           View Angle of Observer (180)              180          //
//                SHIELDING (adjust output by hand)         //
//                ~~~~~~                                     //
// Woods          Thickness of woodland between            0            //
//                observer and road (feet)                  //
// Cover          Percent view coverage between            0            //
//                observer and road (0-100)                 //
// Rows          Building rows between observer            0            //
//                and roadway (0-4).                         //
////////////////////////////////////

```

Artesia Blvd. - Shoemaker to Carmenita - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                       nearest lane centerline (>50')        //
//                       (used in calculations)                //
// Dist2                Dist. from ROW to NLC                   31           //
//                       *** CNEL @ 100' (SOFT)                63.78        //
// VOL                  TOTAL Vehicle Volume (two-way)          25,319       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM	R E S U L T S		DISTANCE FROM
Cntrline	ROW		Centerline
566	518	<-- hard 60 CNEL soft --->	210
179	131	65 CNEL	97
57	8	70 CNEL	45

```

//
// View                View Angle of Observer (180)             180           //
//                       SHIELDING (adjust output by hand)     //
//                       ~~~~~~                               //
// Woods               Thickness of woodland between           0           //
//                       observer and road (feet)               //
// Cover               Percent view coverage between           0           //
//                       observer and road (0-100)              //
// Rows               Building rows between observer           0           //
//                       and roadway (0-4).                     //
////////////////////////////////////

```


Artesia Blvd. - Carmenita to Marquardt - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//               *** CNEL @ 100' (SOFT) 64.36 //
// VOL            TOTAL Vehicle Volume (two-way) 21,495 //
// ALPHA         Hard site=0, Soft site=0.5 0.5 //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
646	597	<-- hard 60 CNEL soft --->	229	181
204	156	65 CNEL	107	58
65	16	70 CNEL	49	1

```

//
// View          View Angle of Observer (180)      180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

Artesia Blvd. - Marquardt to Valley View - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31        //
//               *** CNEL @ 100' (SOFT) 63.72 //
// VOL            TOTAL Vehicle Volume (two-way)      18,555 //
// ALPHA          Hard site=0, Soft site=0.5         0.5      //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	558	510	<-- hard 60 CNEL soft --->	208	159
	177	128	65 CNEL	97	48
	56	7	70 CNEL	45	-4
//					//
// View			View Angle of Observer (180)	180	//
//			SHIELDING (adjust output by hand)		//
//			~~~~~		//
// Woods			Thickness of woodland between	0	//
//			observer and road (feet)		//
// Cover			Percent view coverage between	0	//
//			observer and road (0-100)		//
// Rows			Building rows between observer	0	//
//			and roadway (0-4).		//
////////////////////////////////////					////////////////////////////////////

Bloomfield Ave. - North of 166th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)       38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31          //
//               *** CNEL @ 100' (SOFT) 63.51 //
// VOL            TOTAL Vehicle Volume (two-way)    23,755 //
// ALPHA         Hard site=0, Soft site=0.5        0.5         //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
531	482	<-- hard	60 CNEL soft --->	201	153
168	119		65 CNEL	93	45
53	5		70 CNEL	43	-5

```

//
// View          View Angle of Observer (180)        180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0           //
//               observer and road (feet) //
// Cover         Percent view coverage between      0           //
//               observer and road (0-100) //
// Rows         Building rows between observer     0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Bloomfield Ave. - 166th to 91 Freeway - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)        38           //
//      with      >>      (Usually 23' for 2-lane, 38' //
//      median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100          //
//              nearest lane centerline (>50')      //
//              (used in calculations)              //
// Dist2         Dist. from ROW to NLC               31           //
//              *** CNEL @ 100' (SOFT)             64.18        //
// VOL           TOTAL Vehicle Volume (two-way)      27,751       //
// ALPHA        Hard site=0, Soft site=0.5          0.5          //

```

DISTANCE FROM		RESULTS		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
621	572	<-- hard	60 CNEL soft --->	223	175
196	148		65 CNEL	104	55
62	14		70 CNEL	48	-0
//					
//	View	View Angle of Observer (180)		180	//
//		SHIELDING (adjust output by hand)			//
//		~~~~~			//
//	Woods	Thickness of woodland between		0	//
//		observer and road (feet)			//
//	Cover	Percent view coverage between		0	//
//		observer and road (0-100)			//
//	Rows	Building rows between observer		0	//
//		and roadway (0-4).			//
////////////////////////////////////					

Bloomfield Ave. - 91 Freeway to Artesia - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            49            //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   36            //
//                      *** CNEL @ 100' (SOFT)                   63.31         //
// VOL                  TOTAL Vehicle Volume (two-way)          24,060        //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
538	480	<-- hard 60 CNEL soft --->	203	145
170	112	65 CNEL	94	36
54	-4	70 CNEL	44	-14

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0             //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Bloomfield Ave. - Artesia to Towne Center Dr. - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       49           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              36           //
//               *** CNEL @ 100' (SOFT) 62.96 //
// VOL            TOTAL Vehicle Volume (two-way)    22,174 //
// ALPHA         Hard site=0, Soft site=0.5        0.5         //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
496	438	<-- hard 60 CNEL soft --->	192	134
157	99	65 CNEL	89	31
50	-8	70 CNEL	41	-17

```

// //
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Bloomfield Ave. - Towne Center Dr. to 183rd - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC              31          //
//               *** CNEL @ 100' (SOFT)            63.21       //
// VOL           TOTAL Vehicle Volume (two-way)     22,174      //
// ALPHA        Hard site=0, Soft site=0.5         0.5         //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
497	448	<-- hard 60 CNEL soft --->	192	144
157	109	65 CNEL	89	41
50	1	70 CNEL	41	-7

```

//
// View          View Angle of Observer (180)        180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods        Thickness of woodland between      0           //
//               observer and road (feet) //
// Cover        Percent view coverage between      0           //
//               observer and road (0-100) //
// Rows        Building rows between observer      0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Bloomfield Ave. - 183rd to South Street - Existing

```

//////////////// // ////////////// // //////////////////////////////////////////////////// //////////////////////////////////////////////////// //////////////
// Speed           Vehicle Speed (mph, 0 to 100)        40           //
// Grad            Road Gradient (%; 0 to 6)            0             //
// Sep1           Centerline Separation (feet)          38           //
//           with    >>          (Usually 23' for 2-lane, 38' //
//           median  >>          for 4-lane, 50' for 6-lane)  //
// Dist1          Distance from observer to the         100          //
//                nearest lane centerline (>50')         //
//                (used in calculations)                 //
// Dist2          Dist. from ROW to NLC                  31           //
//                *** CNEL @ 100' (SOFT) 62.44         //
// VOL            TOTAL Vehicle Volume (two-way)        18,581       //
// ALPHA         Hard site=0, Soft site=0.5             0.5          //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	416	367	<-- hard 60 CNEL soft --->	171	122
	132	83	65 CNEL	79	31
	42	-7	70 CNEL	37	-12
//					
// View			View Angle of Observer (180)	180	
//			SHIELDING (adjust output by hand)		
//			~~~~~		
// Woods			Thickness of woodland between	0	
//			observer and road (feet)		
// Cover			Percent view coverage between	0	
//			observer and road (0-100)		
// Rows			Building rows between observer	0	
//			and roadway (0-4).		

Bloomfield Ave. - South Street to 195th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40           //
// Grad           Road Gradient (% , 0 to 6)         0                   //
// Sep1           Centerline Separation (feet)       38               //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100                //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31               //
//               *** CNEL @ 100' (SOFT) 62.45 //
// VOL            TOTAL Vehicle Volume (two-way)     18,650 //
// ALPHA         Hard site=0, Soft site=0.5         0.5                //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
417	368	<-- hard 60 CNEL soft --->	171	123
132	83	65 CNEL	79	31
42	-7	70 CNEL	37	-12
//				//
// View		View Angle of Observer (180)	180	//
//		SHIELDING (adjust output by hand)		//
//		~~~~~		//
// Woods		Thickness of woodland between	0	//
//		observer and road (feet)		//
// Cover		Percent view coverage between	0	//
//		observer and road (0-100)		//
// Rows		Building rows between observer	0	//
//		and roadway (0-4).		//
////////////////////////////////////				

Bloomfield Ave. - 195th to Del Amo - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100       //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC               31        //
//                *** CNEL @ 100' (SOFT)             62.86     //
// VOL            TOTAL Vehicle Volume (two-way)      20,497    //
// ALPHA         Hard site=0, Soft site=0.5          0.5       //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
458	410	<-- hard	60 CNEL soft --->	182	134
145	96		65 CNEL	85	36
46	-3		70 CNEL	39	-9

```

//
// View          View Angle of Observer (180)         180       //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between       0        //
//                observer and road (feet) //
// Cover         Percent view coverage between       0        //
//                observer and road (0-100) //
// Rows         Building rows between observer      0        //
//                and roadway (0-4). //
////////////////////////////////////

```

Carmenita Road - North of 166th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38       //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31       //
//               *** CNEL @ 100' (SOFT) 62.96 //
// VOL            TOTAL Vehicle Volume (two-way)      20,939 //
// ALPHA         Hard site=0, Soft site=0.5          0.5     //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
469	420	<-- hard 60 CNEL soft --->	185	137
148	100	65 CNEL	86	37
47	-2	70 CNEL	40	-9

```

//
// View          View Angle of Observer (180)         180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between       0        //
//               observer and road (feet) //
// Cover         Percent view coverage between       0        //
//               observer and road (0-100) //
// Rows         Building rows between observer       0        //
//               and roadway (0-4). //

```

////////////////////////////////////

Carmenita Road - 166th to Artesia - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31           //
//               *** CNEL @ 100' (SOFT)             63.01        //
// VOL            TOTAL Vehicle Volume (two-way)     21,214       //
// ALPHA          Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
474	426	<-- hard 60 CNEL soft --->	186	138
150	101	65 CNEL	87	38
47	-1	70 CNEL	40	-8

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows          Building rows between observer     0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Carmenita Road - Artesia to 183rd - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//               *** CNEL @ 100' (SOFT) 63.53 //
// VOL            TOTAL Vehicle Volume (two-way) 23,878 //
// ALPHA         Hard site=0, Soft site=0.5      0.5      //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
535	486	<-- hard 60 CNEL soft --->	202	154
169	121	65 CNEL	94	45
53	5	70 CNEL	44	-5

```

//
// View          View Angle of Observer (180)      180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

Carmenita Road - 183rd to 91 freeway- Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31           //
//               *** CNEL @ 100' (SOFT) 63.93 //
// VOL            TOTAL Vehicle Volume (two-way)      26,218 //
// ALPHA         Hard site=0, Soft site=0.5          0.5         //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
586	538	<-- hard 60 CNEL soft --->	215	166
185	137	65 CNEL	100	51
59	10	70 CNEL	46	-2

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //

```

////////////////////////////////////

Carmenita Road - South of South Street- Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 63.58        //
// VOL                  TOTAL Vehicle Volume (two-way)          24,163       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
541	492	<-- hard	60 CNEL soft --->	204	155
171	122		65 CNEL	94	46
54	6		70 CNEL	44	-5

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)               //
// Rows               Building rows between observer           0             //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Del Amo Blvd. - East of Studebaker - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)         38        //
//      with      >>      (Usually 23' for 2-lane, 38' //
//      median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100       //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                21        //
//              *** CNEL @ 100' (SOFT) 64.13 //
// VOL           TOTAL Vehicle Volume (two-way) 27,426 //
// ALPHA        Hard site=0, Soft site=0.5          0.5      //
  
```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
614	575	<-- hard 60 CNEL soft --->	221	183
194	156	65 CNEL	103	64
61	23	70 CNEL	48	9

```

//
// View          View Angle of Observer (180)         180       //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between        0        //
//              observer and road (feet) //
// Cover        Percent view coverage between        0        //
//              observer and road (0-100) //
// Rows         Building rows between observer        0        //
//              and roadway (0-4). //
////////////////////////////////////
  
```


Del Amo Blvd. - West of Mapes - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC                21          //
//               *** CNEL @ 100' (SOFT)      64.51       //
// VOL            TOTAL Vehicle Volume (two-way)      29,969      //
// ALPHA         Hard site=0, Soft site=0.5          0.5         //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
670	631	<-- hard	60 CNEL soft --->	235	196
212	173		65 CNEL	109	70
67	29		70 CNEL	51	12

```

//
// View          View Angle of Observer (180)         180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Del Amo Blvd. - Pioneer to Norwalk - Existing

////////////////////				
//	Speed		Vehicle Speed (mph, 0 to 100)	40
//	Grad		Road Gradient (% , 0 to 6)	0
//	Sep1		Centerline Separation (feet)	38
//	with	>>	(Usually 23' for 2-lane, 38'	
//	median	>>	for 4-lane, 50' for 6-lane)	
//	Dist1		Distance from observer to the	100
//			nearest lane centerline (>50')	
//			(used in calculations)	
//	Dist2		Dist. from ROW to NLC	21
//			*** CNEL @ 100' (SOFT)	64.01
//	VOL		TOTAL Vehicle Volume (two-way)	26,668
//	ALPHA		Hard site=0, Soft site=0.5	0.5
////////////////////				

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Ctrline	ROW		Centerline	ROW
597	559	<-- hard 60 CNEL soft --->	217	179
189	150	65 CNEL	101	62
60	21	70 CNEL	47	8

//				//
//	View		View Angle of Observer (180)	180
//			SHIELDING (adjust output by hand)	
//			~~~~~	
//	Woods		Thickness of woodland between	0
//			observer and road (feet)	
//	Cover		Percent view coverage between	0
//			observer and road (0-100)	
//	Rows		Building rows between observer	0
//			and roadway (0-4).	
////////////////////				

Del Amo Blvd. - Norwalk to Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)             0           //
// Sep1           Centerline Separation (feet)           38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the          100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC                  21          //
//               *** CNEL @ 100' (SOFT) 63.01 //
// VOL            TOTAL Vehicle Volume (two-way)        21,217 //
// ALPHA         Hard site=0, Soft site=0.5            0.5         //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
474	436	<-- hard	60 CNEL soft --->	186	148
150	111		65 CNEL	87	48
47	9		70 CNEL	40	2

```

//
// View          View Angle of Observer (180)           180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods        Thickness of woodland between          0           //
//               observer and road (feet) //
// Cover        Percent view coverage between          0           //
//               observer and road (0-100) //
// Rows         Building rows between observer          0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Del Amo Blvd. - East of Bloomfield - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 62.04        //
// VOL                  TOTAL Vehicle Volume (two-way)         16,960       //
// ALPHA                Hard site=0, Soft site=0.5             0.5           //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW				Centerline	ROW
379	341	<--	hard 60 CNEL	soft --->	161	122
120	81		65 CNEL		75	36
38	-1		70 CNEL		35	-4

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)     //
//                      -----                               //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)               //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)              //
// Rows               Building rows between observer           0             //
//                      and roadway (0-4).                     //
////////////////////////////////////

```

Gridley Road -North of Artesia - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           35           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 56.92        //
// VOL                  TOTAL Vehicle Volume (two-way)          7,222        //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
117	78	<-- hard 60 CNEL soft --->	73	35
37	-2	65 CNEL	34	-4
12	-27	70 CNEL	16	-23

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows               Building rows between observer           0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Gridley Road -Artesia to 183rd - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21           //
//               *** CNEL @ 100' (SOFT)      60.47       //
// VOL            TOTAL Vehicle Volume (two-way)     11,809       //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
264	226	<--	hard 60 CNEL soft --->	126	88	
84	45		65 CNEL	59	20	
26	-12		70 CNEL	27	-11	

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer     0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Gridley Road -183rd to South Street- Existing

```

//////////
// Speed Vehicle Speed (mph, 0 to 100) 40 //
// Grad Road Gradient (% , 0 to 6) 0 //
// Sep1 Centerline Separation (feet) 38 //
// with >> (Usually 23' for 2-lane, 38' //
// median >> for 4-lane, 50' for 6-lane) //
// Dist1 Distance from observer to the 100 //
// nearest lane centerline (>50') //
// (used in calculations) //
// Dist2 Dist. from ROW to NLC 21 //
// *** CNEL @ 100' (SOFT) 61.65 //
// VOL TOTAL Vehicle Volume (two-way) 15,490 //
// ALPHA Hard site=0, Soft site=0.5 0.5 //
  
```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
347	308	<-- hard 60 CNEL soft --->	151	113
110	71	65 CNEL	70	32
35	-4	70 CNEL	33	-6

```

//
// View View Angle of Observer (180) 180 //
// SHIELDING (adjust output by hand) //
// ~~~~~ //
// Woods Thickness of woodland between 0 //
// observer and road (feet) //
// Cover Percent view coverage between 0 //
// observer and road (0-100) //
// Rows Building rows between observer 0 //
// and roadway (0-4). //
//////////
  
```

Gridley Road - South Street to 195th - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 59.16        //
// VOL                  TOTAL Vehicle Volume (two-way)          8,726        //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
195	157	<-- hard 60 CNEL soft --->	103	65
62	23	65 CNEL	48	9
20	-19	70 CNEL	22	-16

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)               //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```


Marquardt Avenue - North of 166th - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38             //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100             //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21             //
//                      *** CNEL @ 100' (SOFT)                 61.92          //
// VOL                  TOTAL Vehicle Volume (two-way)          12,270         //
// ALPHA                Hard site=0, Soft site=0.5              0.5             //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
369	330	<--	hard 60 CNEL soft --->	158	119	
117	78		65 CNEL	73	35	
37	-2		70 CNEL	34	-4	

```

//
// View                View Angle of Observer (180)             180             //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0               //
//                      observer and road (feet)               //
// Cover               Percent view coverage between           0               //
//                      observer and road (0-100)              //
// Rows                Building rows between observer          0               //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Marquardt Avenue - 166th to Artesia - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21           //
//               *** CNEL @ 100' (SOFT) 61.98 //
// VOL            TOTAL Vehicle Volume (two-way)     12,427 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
374	336	<-- hard 60 CNEL soft --->	159	121
118	80	65 CNEL	74	35
37	-1	70 CNEL	34	-4

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //

```

////////////////////////////////////

Marquardt Avenue - South of Artesia - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  62.24        //
// VOL                  TOTAL Vehicle Volume (two-way)          13,204       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
397	359	<-- hard 60 CNEL soft -->	166	127
126	87	65 CNEL	77	38
40	1	70 CNEL	36	-3

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0           //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0           //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0           //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Marquardt Avenue - Artesia to 183rd - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38             //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100             //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21             //
//                      *** CNEL @ 100' (SOFT)                  62.6          //
// VOL                  TOTAL Vehicle Volume (two-way)          14,352        //
// ALPHA                Hard site=0, Soft site=0.5              0.5             //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
431	393	<-- hard	60 CNEL soft --->	175	137
136	98		65 CNEL	81	43
43	5		70 CNEL	38	-1

```

//
// View                View Angle of Observer (180)             180             //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0               //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0               //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0               //
//                      and roadway (0-4).                        //

```

////////////////////////////////////

Marquardt Avenue - South 183rd - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)          40           //
// Grad                 Road Gradient (% , 0 to 6)             0            //
// Sep1                 Centerline Separation (feet)           38           //
//      with            >>      (Usually 23' for 2-lane, 38'    //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the         100          //
//                      nearest lane centerline (>50')        //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                  21           //
//                      *** CNEL @ 100' (SOFT)                 61.55        //
// VOL                  TOTAL Vehicle Volume (two-way)         15,147       //
// ALPHA                Hard site=0, Soft site=0.5             0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
339	300	<-- hard 60 CNEL soft --->	149	111
107	69	65 CNEL	69	31
34	-5	70 CNEL	32	-6

```

//
// View                View Angle of Observer (180)           180          //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between          0            //
//                      observer and road (feet)               //
// Cover               Percent view coverage between          0            //
//                      observer and road (0-100)              //
// Rows                Building rows between observer         0            //
//                      and roadway (0-4).                     //

```

////////////////////////////////////

Norwalk Blvd. - North of 166th - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 62.41        //
// VOL                  TOTAL Vehicle Volume (two-way)          18,476       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
413	375	<-- hard 60 CNEL soft --->	170	132
131	92	65 CNEL	79	40
41	3	70 CNEL	37	-2

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)               //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)               //
// Rows               Building rows between observer           0             //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Norwalk Blvd. - 166th to 91 Freeway - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  63.86        //
// VOL                  TOTAL Vehicle Volume (two-way)          25,758       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM	R E S U L T S		DISTANCE FROM
Cntrline	ROW		Centerline
577	538	<-- hard 60 CNEL soft --->	212
182	144	65 CNEL	99
58	19	70 CNEL	46

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Norwalk Blvd. - 91 Freeway to Artesia- Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                  21           //
//                      *** CNEL @ 100' (SOFT)                 63.77        //
// VOL                  TOTAL Vehicle Volume (two-way)         25,261       //
// ALPHA                Hard site=0, Soft site=0.5             0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
565	526	<-- hard 60 CNEL soft ---->	210	171
179	140	65 CNEL	97	59
56	18	70 CNEL	45	7

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)               //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)              //
// Rows               Building rows between observer           0             //
//                      and roadway (0-4).                     //
////////////////////////////////////

```


Norwalk Blvd. - North of 195th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)         38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC                21          //
//               *** CNEL @ 100' (SOFT) 62.43 //
// VOL           TOTAL Vehicle Volume (two-way) 18,543 //
// ALPHA        Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
415	376	<-- hard 60 CNEL soft --->	171	132
131	93	65 CNEL	79	41
42	3	70 CNEL	37	-2

```

//
// View          View Angle of Observer (180)        180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Norwalk Blvd. - South of 195th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC              21          //
//              *** CNEL @ 100' (SOFT) 62.21 //
// VOL           TOTAL Vehicle Volume (two-way)     17,619 //
// ALPHA        Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
394	356	<-- hard 60 CNEL soft --->	165	126
125	86	65 CNEL	77	38
39	1	70 CNEL	36	-3

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between      0           //
//              observer and road (feet) //
// Cover        Percent view coverage between      0           //
//              observer and road (0-100) //
// Rows         Building rows between observer     0           //
//              and roadway (0-4). //
////////////////////////////////////

```

Palo Verde Ave - Artesia to 183rd - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            24           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   28           //
//                      *** CNEL @ 100' (SOFT)                 59.3        //
// VOL                  TOTAL Vehicle Volume (two-way)          8,322       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
186	147	<-- hard 60 CNEL soft --->	100	61
59	20	65 CNEL	46	7
19	-21	70 CNEL	22	-18

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)       //
//                      -----                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0             //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Palo Verde Ave - South 183rd - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        24          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               28          //
//               *** CNEL @ 100' (SOFT) 60.32 //
// VOL            TOTAL Vehicle Volume (two-way)      10,518 //
// ALPHA         Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
235	196	<-- hard 60 CNEL soft --->	117	78
74	35	65 CNEL	54	15
24	-16	70 CNEL	25	-14

```

//
// View          View Angle of Observer (180)         180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Palo Verde Ave - North of South Street - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)         24       //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100      //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                28       //
//              *** CNEL @ 100' (SOFT) 60.46 //
// VOL          TOTAL Vehicle Volume (two-way) 10,880 //
// ALPHA        Hard site=0, Soft site=0.5          0.5     //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
244	204	<-- hard	60 CNEL soft --->	119	80
77	38		65 CNEL	55	16
24	-15		70 CNEL	26	-14

```

//
// View          View Angle of Observer (180)        180      //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between        0        //
//              observer and road (feet) //
// Cover         Percent view coverage between        0        //
//              observer and road (0-100) //
// Rows         Building rows between observer        0        //
//              and roadway (0-4). //

```

////////////////////////////////////

Park Plaza Drive - West of Town Center Drive - Existing

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           30           //
// Grad            Road Gradient (% , 0 to 6)              0             //
// Sep1            Centerline Separation (feet)             24            //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100           //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                    28            //
//                *** CNEL @ 100' (SOFT)                   50.11         //
// VOL             TOTAL Vehicle Volume (two-way)           2,000         //
// ALPHA          Hard site=0, Soft site=0.5                0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
22	-17	<-- hard 60 CNEL soft --->	24	-15
7	-32	65 CNEL	11	-28
2	-37	70 CNEL	5	-34

```

//
// View           View Angle of Observer (180)              180           //
//                SHIELDING (adjust output by hand)         //
//                ~~~~~~                                     //
// Woods          Thickness of woodland between             0             //
//                observer and road (feet)                  //
// Cover          Percent view coverage between             0             //
//                observer and road (0-100)                  //
// Rows          Building rows between observer             0             //
//                and roadway (0-4).                          //
////////////////////////////////////

```

Park Plaza Drive - West of Shoemaker - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      30          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        24          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC               28          //
//              *** CNEL @ 100' (SOFT) 57.43 //
// VOL          TOTAL Vehicle Volume (two-way)      10,783     //
// ALPHA        Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
121	82	<-- hard 60 CNEL soft --->	75	36
38	-1	65 CNEL	35	-5
12	-27	70 CNEL	16	-23

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between       0           //
//              observer and road (feet) //
// Cover         Percent view coverage between       0           //
//              observer and road (0-100) //
// Rows         Building rows between observer       0           //
//              and roadway (0-4). //
////////////////////////////////////

```

Pioneer Blvd - South Street to 195th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31          //
//               *** CNEL @ 100' (SOFT) 61.66 //
// VOL            TOTAL Vehicle Volume (two-way)      15,517 //
// ALPHA         Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
348	299	<-- hard 60 CNEL soft --->	152	103
110	61	65 CNEL	70	22
35	-14	70 CNEL	33	-16

```

//
// View          View Angle of Observer (180)         180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //

```

////////////////////////////////////

Pioneer Blvd - South of 195th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                31          //
//              *** CNEL @ 100' (SOFT)    61.64      //
// VOL           TOTAL Vehicle Volume (two-way)      15,447     //
// ALPHA        Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
346	297	<-- hard 60 CNEL soft --->	151	103
109	61	65 CNEL	70	22
35	-14	70 CNEL	33	-16

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between       0           //
//              observer and road (feet) //
// Cover         Percent view coverage between       0           //
//              observer and road (0-100) //
// Rows         Building rows between observer       0           //
//              and roadway (0-4). //
////////////////////////////////////

```

Pioneer Blvd - North of South Street - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                  62.25        //
// VOL                  TOTAL Vehicle Volume (two-way)          17,794       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
398	350	<-- hard	60 CNEL soft --->	166	117
126	77		65 CNEL	77	29
40	-9		70 CNEL	36	-13

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Shoemaker Ave - North of 166th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38            //
//               with      >>           (Usually 23' for 2-lane, 38' //
//               median    >>           for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100           //
//               nearest lane centerline (>50')      //
//               (used in calculations)              //
// Dist2          Dist. from ROW to NLC              21            //
//               *** CNEL @ 100' (SOFT)             62.06         //
// VOL            TOTAL Vehicle Volume (two-way)    12,670        //
// ALPHA         Hard site=0, Soft site=0.5         0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
381	343	<-- hard 60 CNEL soft --->	161	123
120	82	65 CNEL	75	36
38	-0	70 CNEL	35	-4

```

//
// View          View Angle of Observer (180)         180           //
//               SHIELDING (adjust output by hand)    //
//               ~~~~~                                //
// Woods         Thickness of woodland between        0             //
//               observer and road (feet)             //
// Cover         Percent view coverage between        0             //
//               observer and road (0-100)           //
// Rows         Building rows between observer       0             //
//               and roadway (0-4).                  //
////////////////////////////////////

```

Shoemaker Ave - 166th to Artesia - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC              21          //
//              *** CNEL @ 100' (SOFT) 61.62 //
// VOL          TOTAL Vehicle Volume (two-way)      15,399 //
// ALPHA        Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
344	306	<-- hard 60 CNEL soft --->	151	112
109	70	65 CNEL	70	31
34	-4	70 CNEL	32	-6

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between      0           //
//              observer and road (feet) //
// Cover        Percent view coverage between      0           //
//              observer and road (0-100) //
// Rows         Building rows between observer      0           //
//              and roadway (0-4). //

```

////////////////////////////////////

Shoemaker Ave - Artesia to Park Plaza - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  61.13        //
// VOL                  TOTAL Vehicle Volume (two-way)          13,750       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
308	269	<-- hard	60 CNEL soft --->	140	101	
97	59		65 CNEL	65	26	
31	-8		70 CNEL	30	-8	

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods              Thickness of woodland between             0            //
//                      observer and road (feet)                 //
// Cover              Percent view coverage between             0            //
//                      observer and road (0-100)                //
// Rows              Building rows between observer            0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Shoemaker Ave - Park Plaza to 183rd - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  59.76        //
// VOL                  TOTAL Vehicle Volume (two-way)          10,026       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
224	186	<-- hard	60 CNEL soft --->	113	75
71	32		65 CNEL	53	14
22	-16		70 CNEL	24	-14

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Shoemaker Ave - 183rd to South Street - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)       38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21          //
//               *** CNEL @ 100' (SOFT) 60.02 //
// VOL            TOTAL Vehicle Volume (two-way)    10,643 //
// ALPHA         Hard site=0, Soft site=0.5        0.5         //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
238	200	<-- hard 60 CNEL soft --->	118	79
75	37	65 CNEL	55	16
24	-15	70 CNEL	25	-13

```

//
// View          View Angle of Observer (180)        180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods        Thickness of woodland between      0           //
//               observer and road (feet) //
// Cover        Percent view coverage between      0           //
//               observer and road (0-100) //
// Rows        Building rows between observer      0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Shoemaker Ave - South of South Street - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21           //
//               *** CNEL @ 100' (SOFT) 56.66 //
// VOL            TOTAL Vehicle Volume (two-way)    4,917 //
// ALPHA          Hard site=0, Soft site=0.5        0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
110	71	<-- hard	60 CNEL soft -->	70	32
35	-4		65 CNEL	33	-6
11	-27		70 CNEL	15	-23

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```


South Street - West of Studebaker - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              31          //
//                *** CNEL @ 100' (SOFT) 64.65 //
// VOL            TOTAL Vehicle Volume (two-way)     30,950 //
// ALPHA         Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
692	643	<-- hard 60 CNEL soft --->	240	191
219	170	65 CNEL	111	63
69	21	70 CNEL	52	3

```

//
// View          View Angle of Observer (180)        180         //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between      0           //
//                observer and road (feet) //
// Cover         Percent view coverage between      0           //
//                observer and road (0-100) //
// Rows         Building rows between observer      0           //
//                and roadway (0-4). //
////////////////////////////////////

```

South Street - Studebaker to 605 freeway - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           35           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            49           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   36           //
//                      *** CNEL @ 100' (SOFT)                 64.12        //
// VOL                  TOTAL Vehicle Volume (two-way)          40,130       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
648	590	<-- hard	60 CNEL soft --->	230	172
205	147		65 CNEL	107	49
65	7		70 CNEL	50	-9

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

South Street - 605 freeway to Grindley - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        49        //
//           with   >>           (Usually 23' for 2-lane, 38' //
//           median >>           for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100       //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC               36        //
//                *** CNEL @ 100' (SOFT)             64.52     //
// VOL            TOTAL Vehicle Volume (two-way)      44,055    //
// ALPHA         Hard site=0, Soft site=0.5           0.5       //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
711	653	<-- hard 60 CNEL soft --->	244	186
225	167	65 CNEL	113	55
71	13	70 CNEL	53	-5

```

//
// View          View Angle of Observer (180)         180       //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between       0        //
//                observer and road (feet) //
// Cover         Percent view coverage between       0        //
//                observer and road (0-100) //
// Rows         Building rows between observer       0        //
//                and roadway (0-4). //
////////////////////////////////////

```

South Street - Grindley to Pioneer - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            49           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   36           //
//                      *** CNEL @ 100' (SOFT)                  63.86        //
// VOL                  TOTAL Vehicle Volume (two-way)          27,319       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
612	554	<-- hard	60 CNEL soft --->	221	163
193	135		65 CNEL	102	44
61	3		70 CNEL	48	-10

```

//
// View                View Angle of Observer (180)              180          //
//                      SHIELDING (adjust output by hand)        //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0            //
//                      observer and road (feet)                  //
// Cover               Percent view coverage between            0            //
//                      observer and road (0-100)                 //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                        //
////////////////////////////////////

```

South Street - Pioneer to Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0       //
// Sep1          Centerline Separation (feet)        38      //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100     //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC              31     //
//              *** CNEL @ 100' (SOFT)      63.6 //
// VOL           TOTAL Vehicle Volume (two-way)     24,286 //
// ALPHA        Hard site=0, Soft site=0.5         0.5   //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
543	495	<-- hard	60 CNEL soft --->	204	156
172	123		65 CNEL	95	46
54	6		70 CNEL	44	-4

```

//
// View          View Angle of Observer (180)        180     //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between      0       //
//              observer and road (feet) //
// Cover        Percent view coverage between      0       //
//              observer and road (0-100) //
// Rows        Building rows between observer      0       //
//              and roadway (0-4). //
////////////////////////////////////

```

South Street - Bloomfield to Shoemaker - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//                *** CNEL @ 100' (SOFT)           63.61     //
// VOL            TOTAL Vehicle Volume (two-way)     24,334    //
// ALPHA         Hard site=0, Soft site=0.5         0.5       //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
544	496	<-- hard	60 CNEL soft --->	204	156
172	124		65 CNEL	95	46
54	6		70 CNEL	44	-4
//					//
// View		View Angle of Observer (180)		180	//
//		SHIELDING (adjust output by hand)			//
//		~~~~~			//
// Woods		Thickness of woodland between		0	//
//		observer and road (feet)			//
// Cover		Percent view coverage between		0	//
//		observer and road (0-100)			//
// Rows		Building rows between observer		0	//
//		and roadway (0-4).			//
////////////////////////////////////					

South Street - Shoemaker to Carmenita - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38            //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31            //
//                      *** CNEL @ 100' (SOFT)                  63.71         //
// VOL                  TOTAL Vehicle Volume (two-way)          24,903        //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
557	509	<-- hard 60 CNEL soft --->	208	159
176	128	65 CNEL	96	48
56	7	70 CNEL	45	-4

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0             //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

South Street - East of Carmenita - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//               *** CNEL @ 100' (SOFT) 62.01 //
// VOL            TOTAL Vehicle Volume (two-way)    16,826 //
// ALPHA         Hard site=0, Soft site=0.5        0.5      //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
377	328	<-- hard 60 CNEL soft --->	160	111
119	71	65 CNEL	74	26
38	-11	70 CNEL	34	-14
//				//
// View		View Angle of Observer (180)	180	//
//		SHIELDING (adjust output by hand)		//
//		~~~~~		//
// Woods		Thickness of woodland between	0	//
//		observer and road (feet)		//
// Cover		Percent view coverage between	0	//
//		observer and road (0-100)		//
// Rows		Building rows between observer	0	//
//		and roadway (0-4).		//

Studebaker - Alondra to 166th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC                31          //
//               *** CNEL @ 100' (SOFT) 64.28 //
// VOL           TOTAL Vehicle Volume (two-way)      28,416 //
// ALPHA        Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW				Centerline	ROW
635	587	<-- hard	60 CNEL	soft --->	227	178
201	152		65 CNEL		105	57
64	15		70 CNEL		49	0

```

//
// View          View Angle of Observer (180)          180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - 166th to 91 Freeway - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)          40          //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38          //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100         //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31          //
//                      *** CNEL @ 100' (SOFT)                 62.83       //
// VOL                  TOTAL Vehicle Volume (two-way)          20,330      //
// ALPHA                Hard site=0, Soft site=0.5              0.5         //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
455	406	<-- hard 60 CNEL soft --->	181	133
144	95	65 CNEL	84	36
46	-3	70 CNEL	39	-9

```

//
// View                View Angle of Observer (180)            180         //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0           //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0           //
//                      observer and road (0-100)               //
// Rows               Building rows between observer           0           //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Studebaker - 91 Freeway to Artesia - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31           //
//               *** CNEL @ 100' (SOFT) 63.81 //
// VOL            TOTAL Vehicle Volume (two-way)      25,495 //
// ALPHA         Hard site=0, Soft site=0.5          0.5         //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
570	522	<-- hard	60 CNEL soft --->	211	162
180	132		65 CNEL	98	49
57	9		70 CNEL	45	-3

```

//
// View          View Angle of Observer (180)         180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0            //
//               observer and road (feet) //
// Cover         Percent view coverage between        0            //
//               observer and road (0-100) //
// Rows         Building rows between observer        0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - Artesia to 183rd - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38       //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31       //
//               *** CNEL @ 100' (SOFT) 62.43 //
// VOL            TOTAL Vehicle Volume (two-way)     18,560 //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
415	366	<-- hard 60 CNEL soft --->	171	122
131	83	65 CNEL	79	31
42	-7	70 CNEL	37	-12

```

//
// View          View Angle of Observer (180)         180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0        //
//               observer and road (feet) //
// Cover         Percent view coverage between        0        //
//               observer and road (0-100) //
// Rows         Building rows between observer        0        //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - 183rd to South Street - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31           //
//               *** CNEL @ 100' (SOFT)            62           //
// VOL            TOTAL Vehicle Volume (two-way)     23,266       //
// ALPHA          Hard site=0, Soft site=0.5        0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
376	327	<-- hard 60 CNEL soft --->	160	111
119	70	65 CNEL	74	26
38	-11	70 CNEL	34	-14

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer     0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - South Street to 195th - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 60.02        //
// VOL                  TOTAL Vehicle Volume (two-way)          10,638       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
238	190	<-- hard 60 CNEL soft --->	118	69
75	27	65 CNEL	55	6
24	-25	70 CNEL	25	-23

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                       //

```

////////////////////////////////////

Studebaker - South of 195th - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31           //
//               *** CNEL @ 100' (SOFT) 59.78 //
// VOL            TOTAL Vehicle Volume (two-way)     10,065 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
225	177	<-- hard	60 CNEL soft --->	114	65
71	23		65 CNEL	53	4
23	-26		70 CNEL	24	-24

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between       0            //
//               observer and road (feet) //
// Cover         Percent view coverage between       0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Towne Center Drive - Bloomfield to Park Plaza E - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      30          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        24           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28           //
//               *** CNEL @ 100' (SOFT)             57.78        //
// VOL            TOTAL Vehicle Volume (two-way)     11,694       //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
131	92	<--	hard 60 CNEL	soft --->	79	40
41	2		65 CNEL		37	-3
13	-26		70 CNEL		17	-22

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```


Towne Center Drive - Park Plaza E to 183rd - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           30           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            24           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   28           //
//                      *** CNEL @ 100' (SOFT)                 53.24        //
// VOL                  TOTAL Vehicle Volume (two-way)          4,108        //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW				Centerline	ROW
46	7	<-- hard	60 CNEL	soft --->	39	0
15	-25		65 CNEL		18	-21
5	-35		70 CNEL		8	-31

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Valley View Avenue - North of Artesia - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//               *** CNEL @ 100' (SOFT) 66.07 //
// VOL            TOTAL Vehicle Volume (two-way)    31,926 //
// ALPHA         Hard site=0, Soft site=0.5        0.5      //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	959	911	<-- hard 60 CNEL soft --->	298	250
	303	255	65 CNEL	138	90
	96	47	70 CNEL	64	16
//					
// View			View Angle of Observer (180)	180	
//			SHIELDING (adjust output by hand)		
//			~~~~~		
// Woods			Thickness of woodland between	0	
//			observer and road (feet)		
// Cover			Percent view coverage between	0	
//			observer and road (0-100)		
// Rows			Building rows between observer	0	
//			and roadway (0-4).		

Valley View Avenue - Artesia to 183rd - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        49        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              36        //
//               *** CNEL @ 100' (SOFT) 65.36 //
// VOL            TOTAL Vehicle Volume (two-way)     28,724 //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	864	806	<-- hard 60 CNEL soft --->	278	220
	273	215	65 CNEL	129	71
	86	28	70 CNEL	60	2
//					
// View			View Angle of Observer (180)	180	
//			SHIELDING (adjust output by hand)		
//			~~~~~		
// Woods			Thickness of woodland between	0	
//			observer and road (feet)		
// Cover			Percent view coverage between	0	
//			observer and road (0-100)		
// Rows			Building rows between observer	0	
//			and roadway (0-4).		

166th Street - West of Studebaker - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      25          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        24           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28           //
//               *** CNEL @ 100' (SOFT) 46.75 //
// VOL            TOTAL Vehicle Volume (two-way)     1,387 //
// ALPHA          Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
10	-29	<-- hard 60 CNEL soft --->	15	-25
3	-36	65 CNEL	7	-33
1	-38	70 CNEL	3	-36

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer     0            //
//               and roadway (0-4). //
////////////////////////////////////

```

166th Street - Studebaker to Gridley - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       24           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28           //
//               *** CNEL @ 100' (SOFT) 58.68 //
// VOL           TOTAL Vehicle Volume (two-way)     9,998 //
// ALPHA         Hard site=0, Soft site=0.5        0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
161	122	<-- hard	60 CNEL soft --->	91	52
51	12		65 CNEL	42	3
16	-23		70 CNEL	20	-20

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer     0            //
//               and roadway (0-4). //
////////////////////////////////////

```

166th Street - West of Norwalk - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        24        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100       //
//               nearest lane centerline (>50')      //
//               (used in calculations)              //
// Dist2          Dist. from ROW to NLC                28        //
//               *** CNEL @ 100' (SOFT)             58.57     //
// VOL            TOTAL Vehicle Volume (two-way)      9,745     //
// ALPHA          Hard site=0, Soft site=0.5          0.5       //

```

	DISTANCE FROM		R E S U L T S		DISTANCE FROM	
	Cntrline	ROW			Centerline	ROW
	157	118	<-- hard	60 CNEL soft --->	89	50
	50	10		65 CNEL	42	2
	16	-24		70 CNEL	19	-20
//						//
// View			View Angle of Observer (180)		180	//
//			SHIELDING (adjust output by hand)			//
//			~~~~~			//
// Woods			Thickness of woodland between		0	//
//			observer and road (feet)			//
// Cover			Percent view coverage between		0	//
//			observer and road (0-100)			//
// Rows			Building rows between observer		0	//
//			and roadway (0-4).			//

166th Street - Norwalk to Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        24          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               28          //
//               *** CNEL @ 100' (SOFT) 58.77 //
// VOL            TOTAL Vehicle Volume (two-way)     10,213 //
// ALPHA          Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
165	125	<-- hard	60 CNEL soft --->	92	53
52	13		65 CNEL	43	3
16	-23		70 CNEL	20	-20

```

//
// View          View Angle of Observer (180)         180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //
////////////////////////////////////

```

166th Street - Bloomfield to Shoemaker - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)        24        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100       //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                28        //
//              *** CNEL @ 100' (SOFT) 61.29 //
// VOL           TOTAL Vehicle Volume (two-way)      13,176 //
// ALPHA        Hard site=0, Soft site=0.5          0.5      //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
295	256	<-- hard 60 CNEL soft --->	136	96
93	54	65 CNEL	63	24
29	-10	70 CNEL	29	-10

```

//
// View          View Angle of Observer (180)          180      //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between          0        //
//              observer and road (feet) //
// Cover        Percent view coverage between          0        //
//              observer and road (0-100) //
// Rows        Building rows between observer          0        //
//              and roadway (0-4). //
////////////////////////////////////

```


166th Street - Shoemaker to Carmenita - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        24       //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28       //
//               *** CNEL @ 100' (SOFT) 60.74 //
// VOL            TOTAL Vehicle Volume (two-way) 11,600 //
// ALPHA         Hard site=0, Soft site=0.5         0.5     //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
259	220	<-- hard	60 CNEL soft --->	125	85
82	43		65 CNEL	58	19
26	-13		70 CNEL	27	-12
//					
//	View	View Angle of Observer (180)		180	//
//		SHIELDING (adjust output by hand)			//
//		~~~~~			//
//	Woods	Thickness of woodland between		0	//
//		observer and road (feet)			//
//	Cover	Percent view coverage between		0	//
//		observer and road (0-100)			//
//	Rows	Building rows between observer		0	//
//		and roadway (0-4).			//
////////////////////////////////////					

166th Street - Carmenita to Marquardt - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        24       //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28       //
//               *** CNEL @ 100' (SOFT) 56.89 //
// VOL            TOTAL Vehicle Volume (two-way) 4,782 //
// ALPHA          Hard site=0, Soft site=0.5      0.5     //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
107	68	<-- hard 60 CNEL soft --->	69	30
34	-5	65 CNEL	32	-7
11	-29	70 CNEL	15	-24

```

//
// View          View Angle of Observer (180)      180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

166th Street - East of Marquardt - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        24        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               28        //
//               *** CNEL @ 100' (SOFT) 51.92 //
// VOL           TOTAL Vehicle Volume (two-way)      2,108     //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
34	-5	<-- hard 60 CNEL soft --->	32	-7
11	-29	65 CNEL	15	-24
3	-36	70 CNEL	7	-32

```

//
// View          View Angle of Observer (180)         180       //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between       0        //
//               observer and road (feet) //
// Cover         Percent view coverage between       0        //
//               observer and road (0-100) //
// Rows         Building rows between observer       0        //
//               and roadway (0-4). //
////////////////////////////////////

```

183rd Street - Palo Verde to Studebaker - Existing

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)      40           //
// Grad            Road Gradient (% , 0 to 6)         0             //
// Sep1            Centerline Separation (feet)        38            //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the      100           //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2           Dist. from ROW to NLC              21            //
//                *** CNEL @ 100' (SOFT) 60.83 //
// VOL             TOTAL Vehicle Volume (two-way)     12,829 //
// ALPHA          Hard site=0, Soft site=0.5         0.5           //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
287	249	<-- hard	60 CNEL soft --->	133	95
91	52		65 CNEL	62	23
29	-10		70 CNEL	29	-10

```

//
// View           View Angle of Observer (180)        180           //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods          Thickness of woodland between      0             //
//                observer and road (feet) //
// Cover          Percent view coverage between      0             //
//                observer and road (0-100) //
// Rows          Building rows between observer     0             //
//                and roadway (0-4). //
////////////////////////////////////

```

183rd Street - Studebaker to Gridley - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21           //
//               *** CNEL @ 100' (SOFT) 59.58 //
// VOL           TOTAL Vehicle Volume (two-way)     13,321 //
// ALPHA         Hard site=0, Soft site=0.5        0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
215	177	<-- hard 60 CNEL soft --->	110	72
68	30	65 CNEL	51	13
22	-17	70 CNEL	24	-15

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

183rd Street - West of Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC                21           //
//                *** CNEL @ 100' (SOFT) 59.17 //
// VOL            TOTAL Vehicle Volume (two-way)      12,134 //
// ALPHA         Hard site=0, Soft site=0.5          0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
196	157	<-- hard 60 CNEL soft --->	103	65
62	23	65 CNEL	48	10
20	-19	70 CNEL	22	-16

```

//
// View          View Angle of Observer (180)         180          //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods        Thickness of woodland between        0            //
//                observer and road (feet) //
// Cover        Percent view coverage between        0            //
//                observer and road (0-100) //
// Rows         Building rows between observer        0            //
//                and roadway (0-4). //
////////////////////////////////////

```

183rd Street - Bloomfield to Shoemaker - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 60.81        //
// VOL                  TOTAL Vehicle Volume (two-way)          12,777       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
286	247	<-- hard 60 CNEL soft --->	133	95
90	52	65 CNEL	62	23
29	-10	70 CNEL	29	-10

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0           //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0           //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0           //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

183rd Street - Shoemaker to Carmenita - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               21          //
//               *** CNEL @ 100' (SOFT) 60.91 //
// VOL            TOTAL Vehicle Volume (two-way)      13,072 //
// ALPHA          Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
292	254	<-- hard 60 CNEL soft --->	135	97
92	54	65 CNEL	63	24
29	-9	70 CNEL	29	-9

```

//
// View          View Angle of Observer (180)         180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0           //
//               observer and road (feet) //
// Cover         Percent view coverage between        0           //
//               observer and road (0-100) //
// Rows         Building rows between observer        0           //
//               and roadway (0-4). //

```

////////////////////////////////////

183rd Street - Carmenita to Marquardt - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)       38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              21          //
//                *** CNEL @ 100' (SOFT) 59.54 //
// VOL            TOTAL Vehicle Volume (two-way)    9,538 //
// ALPHA         Hard site=0, Soft site=0.5        0.5 //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	213	175	<-- hard 60 CNEL soft --->	109	71
	67	29	65 CNEL	51	12
	21	-17	70 CNEL	24	-15
//					
// View			View Angle of Observer (180)	180	
//			SHIELDING (adjust output by hand)		
//			~~~~~		
// Woods			Thickness of woodland between	0	
//			observer and road (feet)		
// Cover			Percent view coverage between	0	
//			observer and road (0-100)		
// Rows			Building rows between observer	0	
//			and roadway (0-4).		

183rd Street - Marquardt to Valley View - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC                21           //
//               *** CNEL @ 100' (SOFT) 53.07 //
// VOL           TOTAL Vehicle Volume (two-way)      2,148        //
// ALPHA        Hard site=0, Soft site=0.5          0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
48	10	<-- hard 60 CNEL soft --->	41	2
15	-23	65 CNEL	19	-20
5	-34	70 CNEL	9	-30

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

195th Street - Studebaker to Gridley - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)         38           //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100          //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                21           //
//              *** CNEL @ 100' (SOFT) 57.55 //
// VOL           TOTAL Vehicle Volume (two-way)      6,023        //
// ALPHA        Hard site=0, Soft site=0.5          0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
135	96	<-- hard 60 CNEL soft --->	81	42
43	4	65 CNEL	37	-1
13	-25	70 CNEL	17	-21

```

//
// View          View Angle of Observer (180)          180          //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between          0            //
//              observer and road (feet) //
// Cover        Percent view coverage between          0            //
//              observer and road (0-100) //
// Rows         Building rows between observer          0            //
//              and roadway (0-4). //
////////////////////////////////////

```

195th Street - Gridley to Pioneer - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38            //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21            //
//                      *** CNEL @ 100' (SOFT)                  59.66         //
// VOL                  TOTAL Vehicle Volume (two-way)          9,802         //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
219	181	<-- hard	60 CNEL soft --->	112	73
69	31		65 CNEL	52	13
22	-17		70 CNEL	24	-14

```

//
// View                View Angle of Observer (180)              180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0             //
//                      observer and road (feet)                //
// Cover               Percent view coverage between            0             //
//                      observer and road (0-100)                //
// Rows                Building rows between observer            0             //
//                      and roadway (0-4).                        //
////////////////////////////////////

```

195th Street - Pioneer to Norwalk - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)        38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC              21        //
//               *** CNEL @ 100' (SOFT)            60.2      //
// VOL           TOTAL Vehicle Volume (two-way)     11,107    //
// ALPHA        Hard site=0, Soft site=0.5         0.5       //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
248	210	<-- hard 60 CNEL soft --->	121	83
79	40	65 CNEL	56	18
25	-14	70 CNEL	26	-12

```

//
// View          View Angle of Observer (180)        180       //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0         //
//               observer and road (feet) //
// Cover         Percent view coverage between      0         //
//               observer and road (0-100) //
// Rows         Building rows between observer      0         //
//               and roadway (0-4). //
////////////////////////////////////

```

195th Street - Norwalk to Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21        //
//               *** CNEL @ 100' (SOFT) 58.23 //
// VOL           TOTAL Vehicle Volume (two-way)     7,051     //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //
  
```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
158	119	<-- hard 60 CNEL soft --->	90	51
50	11	65 CNEL	42	3
16	-23	70 CNEL	19	-19

```

//
// View          View Angle of Observer (180)        180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////
  
```

195th Street - Bloomfield to Shoemaker - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            24            //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   28            //
//                      *** CNEL @ 100' (SOFT)                 56.25         //
// VOL                  TOTAL Vehicle Volume (two-way)          4,121         //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
92	53	<-- hard 60 CNEL soft --->	63	23
29	-10	65 CNEL	29	-10
9	-30	70 CNEL	13	-26

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods              Thickness of woodland between            0             //
//                      observer and road (feet)                //
// Cover              Percent view coverage between            0             //
//                      observer and road (0-100)               //
// Rows              Building rows between observer            0             //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

605 Freeway - Alondra to 91 Freeway - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      60          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        84           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              82           //
//               *** CNEL @ 100' (SOFT) 77.58 //
// VOL            TOTAL Vehicle Volume (two-way)     265,500 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	2,016	1898
*****	5221	65 CNEL	936	818
*****	1571	70 CNEL	434	317

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer     0            //
//               and roadway (0-4). //
////////////////////////////////////

```


605 Freeway - 91 Freeway to South Street - Existing

```

////////////////////////////////////
// Speed              Vehicle Speed (mph, 0 to 100)          60           //
// Grad              Road Gradient (% , 0 to 6)              0             //
// Sep1              Centerline Separation (feet)            84             //
//           with      >>          (Usually 23' for 2-lane, 38'   //
//           median    >>          for 4-lane, 50' for 6-lane)   //
// Dist1             Distance from observer to the            100             //
//                   nearest lane centerline (>50')          //
//                   (used in calculations)                  //
// Dist2             Dist. from ROW to NLC                   82             //
//                   *** CNEL @ 100' (SOFT)                 77.13          //
// VOL               TOTAL Vehicle Volume (two-way)         239,000        //
// ALPHA            Hard site=0, Soft site=0.5              0.5             //
  
```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****			
		<-- hard 60 CNEL soft --->	1,881	1764
	4684	65 CNEL	873	756
	1401	70 CNEL	405	288

```

//
// View              View Angle of Observer (180)            180             //
//                   SHIELDING (adjust output by hand)       //
//                   ~~~~~~                                   //
// Woods             Thickness of woodland between            0               //
//                   observer and road (feet)                //
// Cover             Percent view coverage between            0               //
//                   observer and road (0-100)               //
// Rows             Building rows between observer            0               //
//                   and roadway (0-4).                      //
  
```

```

////////////////////////////////////
  
```

605 Freeway - South Street to Del Amo Blvd. - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      60          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        84          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                50          //
//              *** CNEL @ 100' (SOFT)      76.92      //
// VOL           TOTAL Vehicle Volume (two-way)      228,000    //
// ALPHA        Hard site=0, Soft site=0.5          0.5        //
  
```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,822	1736
*****	4500	65 CNEL	845	760
*****	1365	70 CNEL	392	307

```

//
// View          View Angle of Observer (180)          180        //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between          0          //
//              observer and road (feet) //
// Cover        Percent view coverage between          0          //
//              observer and road (0-100) //
// Rows         Building rows between observer          0          //
//              and roadway (0-4). //
  
```

```

////////////////////////////////////
  
```

91 Freeway - 605 Freeway to Pioneer - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      60          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       84           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              55           //
//               *** CNEL @ 100' (SOFT)             77.44        //
// VOL            TOTAL Vehicle Volume (two-way)     257,000      //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,973	1882
*****	5079	65 CNEL	916	825
*****	1544	70 CNEL	425	334

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer     0            //
//               and roadway (0-4). //

```

////////////////////////////////////

91 Freeway - Pioneer to Norwalk Blvd. - Existing

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)          60           //
// Grad            Road Gradient (% , 0 to 6)             0             //
// Sep1            Centerline Separation (feet)           84            //
//                with      >>           (Usually 23' for 2-lane, 38' //
//                median    >>           for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the          100           //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2           Dist. from ROW to NLC                   55            //
//                *** CNEL @ 100' (SOFT) 77.32           //
// VOL             TOTAL Vehicle Volume (two-way)         250,000       //
// ALPHA          Hard site=0, Soft site=0.5             0.5           //
  
```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,937	1846
*****	4938	65 CNEL	899	808
*****	1499	70 CNEL	417	327

```

//
// View           View Angle of Observer (180)           180           //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods          Thickness of woodland between          0             //
//                observer and road (feet) //
// Cover          Percent view coverage between          0             //
//                observer and road (0-100) //
// Rows          Building rows between observer          0             //
//                and roadway (0-4). //
////////////////////////////////////
  
```

91 Freeway - Norwalk Blvd. to Bloomfield - Existing

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      60          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        84           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               55           //
//               *** CNEL @ 100' (SOFT) 77.16 //
// VOL            TOTAL Vehicle Volume (two-way)      241,000 //
// ALPHA          Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,890	1799
*****	4756	65 CNEL	877	787
*****	1442	70 CNEL	407	317

```

//
// View          View Angle of Observer (180)         180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between       0            //
//               observer and road (feet) //
// Cover         Percent view coverage between       0            //
//               observer and road (0-100) //
// Rows         Building rows between observer       0            //
//               and roadway (0-4). //
////////////////////////////////////

```

91 Freeway - Bloomfield to Artesia - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           60           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)           84           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   55           //
//                      *** CNEL @ 100' (SOFT)                  76.84        //
// VOL                  TOTAL Vehicle Volume (two-way)          223,500      //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,799	1709
*****	4401	65 CNEL	835	744
*****	1330	70 CNEL	388	297

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

91 Freeway - Artesia Blvd. to Carmenita Rd. - Existing

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           60           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)           84           //
//           with      >>   (Usually 23' for 2-lane, 38'           //
//           median    >>   for 4-lane, 50' for 6-lane)           //
// Dist1                Distance from observer to the         100           //
//                    nearest lane centerline (>50')           //
//                    (used in calculations)                   //
// Dist2                Dist. from ROW to NLC                 55           //
//                    *** CNEL @ 100' (SOFT)                   76.5        //
// VOL                  TOTAL Vehicle Volume (two-way)         207,000     //
// ALPHA                Hard site=0, Soft site=0.5            0.5           //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
*****	*****					
		<-- hard	60 CNEL	soft --->	1,708	1617
	4073		65 CNEL		793	702
	1226		70 CNEL		368	277

```

//
// View                View Angle of Observer (180)             180           //
//                    SHIELDING (adjust output by hand)         //
//                    ~~~~~~                                     //
// Woods               Thickness of woodland between           0             //
//                    observer and road (feet)                   //
// Cover               Percent view coverage between           0             //
//                    observer and road (0-100)                   //
// Rows                Building rows between observer          0             //
//                    and roadway (0-4).                           //
////////////////////////////////////

```

91 Freeway - Carmenita Rd. to Marquardt Ave. - Existing

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)      60           //
// Grad            Road Gradient (% , 0 to 6)         0             //
// Sep1            Centerline Separation (feet)        84            //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the      100           //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2           Dist. from ROW to NLC              45            //
//                *** CNEL @ 100' (SOFT) 76.29 //
// VOL             TOTAL Vehicle Volume (two-way)     197,000 //
// ALPHA           Hard site=0, Soft site=0.5         0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,654	1573
*****	3877	65 CNEL	768	687
*****	1171	70 CNEL	356	276

```

//
// View           View Angle of Observer (180)        180           //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between      0             //
//                observer and road (feet) //
// Cover         Percent view coverage between      0             //
//                observer and road (0-100) //
// Rows         Building rows between observer      0             //
//                and roadway (0-4). //
////////////////////////////////////

```


Future Conditions

Artesia Blvd. - Palo Verde to Studebaker - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 63.73        //
// VOL                  TOTAL Vehicle Volume (two-way)          25,000       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
560	511	<-- hard	60 CNEL soft --->	208	160
177	129		65 CNEL	97	48
56	8		70 CNEL	45	-4

```

//
// View                View Angle of Observer (180)            180          //
//                      SHIELDING (adjust output by hand)     //
//                      -----                               //
// Woods              Thickness of woodland between            0            //
//                      observer and road (feet)                //
// Cover              Percent view coverage between            0            //
//                      observer and road (0-100)               //
// Rows              Building rows between observer            0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Artesia Blvd. - Studebaker to Gridley - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 62.49        //
// VOL                  TOTAL Vehicle Volume (two-way)          18,800       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
421	372	<-- hard 60 CNEL soft --->	172	124
133	85	65 CNEL	80	31
42	-6	70 CNEL	37	-11

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0             //
//                      and roadway (0-4).                       //

```

////////////////////////////////////

Artesia Blvd. - Gridley to Norwalk - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0           //
// Sep1            Centerline Separation (feet)             38           //
//                with      >>      (Usually 23' for 2-lane, 38'      //
//                median    >>      for 4-lane, 50' for 6-lane)      //
// Dist1           Distance from observer to the           100           //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                    31           //
//                *** CNEL @ 100' (SOFT)                   62.97        //
// VOL             TOTAL Vehicle Volume (two-way)           21,000       //
// ALPHA          Hard site=0, Soft site=0.5               0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
470	421	<-- hard 60 CNEL soft --->	185	137
149	100	65 CNEL	86	38
47	-1	70 CNEL	40	-9

```

//
// View           View Angle of Observer (180)             180           //
//                SHIELDING (adjust output by hand)        //
//                ~~~~~~                                     //
// Woods          Thickness of woodland between           0           //
//                observer and road (feet)                  //
// Cover          Percent view coverage between           0           //
//                observer and road (0-100)                 //
// Rows          Building rows between observer           0           //
//                and roadway (0-4).                         //
////////////////////////////////////

```

Artesia Blvd. - Norwalk to Bloomfield - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              31          //
//                *** CNEL @ 100' (SOFT) 63.03 //
// VOL            TOTAL Vehicle Volume (two-way)     21,300      //
// ALPHA          Hard site=0, Soft site=0.5        0.5         //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
476	428	<-- hard 60 CNEL soft --->	187	139
151	102	65 CNEL	87	38
48	-1	70 CNEL	40	-8

```

//
// View          View Angle of Observer (180)        180         //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between      0           //
//                observer and road (feet) //
// Cover         Percent view coverage between      0           //
//                observer and road (0-100) //
// Rows          Building rows between observer     0           //
//                and roadway (0-4). //

```

////////////////////////////////////

Artesia Blvd. - Bloomfield to Shoemaker - 2020

//	Speed	Vehicle Speed (mph, 0 to 100)	40	//
//	Grad	Road Gradient (% , 0 to 6)	0	//
//	Sep1	Centerline Separation (feet)	38	//
//	with	>> (Usually 23' for 2-lane, 38'		//
//	median	>> for 4-lane, 50' for 6-lane)		//
//	Dist1	Distance from observer to the	100	//
//		nearest lane centerline (>50')		//
//		(used in calculations)		//
//	Dist2	Dist. from ROW to NLC	31	//
//		*** CNEL @ 100' (SOFT)	64.85	//
//	VOL	TOTAL Vehicle Volume (two-way)	32,400	//
//	ALPHA	Hard site=0, Soft site=0.5	0.5	//

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
724	676	<-- hard 60 CNEL soft --->	247	199
229	181	65 CNEL	115	66
72	24	70 CNEL	53	5

//				//
//	View	View Angle of Observer (180)	180	//
//		SHIELDING (adjust output by hand)		//
//		~~~~~		//
//	Woods	Thickness of woodland between	0	//
//		observer and road (feet)		//
//	Cover	Percent view coverage between	0	//
//		observer and road (0-100)		//
//	Rows	Building rows between observer	0	//
//		and roadway (0-4).		//

Artesia Blvd. - Shoemaker to Carmenita - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               31           //
//               *** CNEL @ 100' (SOFT) 66.63 //
// VOL            TOTAL Vehicle Volume (two-way)     36,300 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	1043	<-- hard 60 CNEL soft --->	325	277
345	297	65 CNEL	151	102
109	61	70 CNEL	70	22

```

//
// View          View Angle of Observer (180)         180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0            //
//               observer and road (feet) //
// Cover         Percent view coverage between        0            //
//               observer and road (0-100) //
// Rows          Building rows between observer       0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Artesia Blvd. - Carmenita to Marquardt - 2020

```

// Speed          Vehicle Speed (mph, 0 to 100)          45          //
// Grad           Road Gradient (% , 0 to 6)             0           //
// Sep1          Centerline Separation (feet)            38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the          100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC                   31          //
//               *** CNEL @ 100' (SOFT) 64.89           //
// VOL          TOTAL Vehicle Volume (two-way)          24,300      //
// ALPHA        Hard site=0, Soft site=0.5             0.5         //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
731	683	<-- hard 60 CNEL soft --->	249	200
231	183	65 CNEL	116	67
73	25	70 CNEL	54	5

```

//
// View          View Angle of Observer (180)           180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between          0           //
//               observer and road (feet) //
// Cover         Percent view coverage between          0           //
//               observer and road (0-100) //
// Rows         Building rows between observer          0           //
//               and roadway (0-4). //

```


Artesia Blvd. - Marquardt to Valley View - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)         38           //
//              with      >>      (Usually 23' for 2-lane, 38' //
//              median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100          //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                31           //
//              *** CNEL @ 100' (SOFT) 64.19 //
// VOL           TOTAL Vehicle Volume (two-way)      20,700 //
// ALPHA        Hard site=0, Soft site=0.5          0.5         //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
622	574	<-- hard 60 CNEL soft --->	224	175
197	148	65 CNEL	104	55
62	14	70 CNEL	48	-0

```

//
// View          View Angle of Observer (180)          180          //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between         0            //
//              observer and road (feet) //
// Cover        Percent view coverage between         0            //
//              observer and road (0-100) //
// Rows         Building rows between observer        0            //
//              and roadway (0-4). //
////////////////////////////////////

```

Bloomfield Ave. - North of 166th - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)            38           //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                   31           //
//                *** CNEL @ 100' (SOFT)                   63.98        //
// VOL             TOTAL Vehicle Volume (two-way)          26,500       //
// ALPHA          Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
593	544	<-- hard	60 CNEL soft --->	216	168
187	139		65 CNEL	100	52
59	11		70 CNEL	47	-2

```

//
// View           View Angle of Observer (180)             180          //
//                SHIELDING (adjust output by hand)       //
//                ~~~~~~ //
// Woods          Thickness of woodland between           0            //
//                observer and road (feet)                 //
// Cover          Percent view coverage between           0            //
//                observer and road (0-100)               //
// Rows          Building rows between observer           0            //
//                and roadway (0-4).                      //

```

////////////////////////////////////

Bloomfield Ave. - 166th to 91 Freeway - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                Centerline Separation (feet)             38           //
//      with           >>      (Usually 23' for 2-lane, 38'      //
//      median        >>      for 4-lane, 50' for 6-lane)      //
// Dist1              Distance from observer to the            100          //
//                   nearest lane centerline (>50')            //
//                   (used in calculations)                    //
// Dist2              Dist. from ROW to NLC                     31           //
//                   *** CNEL @ 100' (SOFT)                   64.84        //
// VOL                TOTAL Vehicle Volume (two-way)           32,300       //
// ALPHA              Hard site=0, Soft site=0.5                0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
723	674	<-- hard 60 CNEL soft --->	247	198
229	180	65 CNEL	115	66
72	24	70 CNEL	53	5

```

//
// View                View Angle of Observer (180)              180          //
//                   SHIELDING (adjust output by hand)          //
//                   ~~~~~~                                     //
// Woods              Thickness of woodland between              0            //
//                   observer and road (feet)                   //
// Cover              Percent view coverage between              0            //
//                   observer and road (0-100)                   //
// Rows              Building rows between observer              0            //
//                   and roadway (0-4).                           //
////////////////////////////////////

```

Bloomfield Ave. - 91 Freeway to Artesia - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)         49        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100       //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                 36        //
//              *** CNEL @ 100' (SOFT) 64.66 //
// VOL           TOTAL Vehicle Volume (two-way) 32,800 //
// ALPHA        Hard site=0, Soft site=0.5          0.5      //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
734	676	<-- hard 60 CNEL soft --->	250	192
232	174	65 CNEL	116	58
73	15	70 CNEL	54	-4

```

//
// View          View Angle of Observer (180)          180      //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between          0        //
//              observer and road (feet) //
// Cover        Percent view coverage between          0        //
//              observer and road (0-100) //
// Rows         Building rows between observer          0        //
//              and roadway (0-4). //
////////////////////////////////////

```

Bloomfield Ave. - Artesia to Towne Center Dr. - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)         40           //
// Grad            Road Gradient (% , 0 to 6)            0             //
// Sep1           Centerline Separation (feet)           49           //
//      with      >>      (Usually 23' for 2-lane, 38'     //
//      median    >>      for 4-lane, 50' for 6-lane)     //
// Dist1          Distance from observer to the          100          //
//                nearest lane centerline (>50')         //
//                (used in calculations)                 //
// Dist2          Dist. from ROW to NLC                   36           //
//                *** CNEL @ 100' (SOFT)                 63.78        //
// VOL            TOTAL Vehicle Volume (two-way)         26,800       //
// ALPHA          Hard site=0, Soft site=0.5             0.5          //
  
```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
599	541	<-- hard	60 CNEL soft --->	218	160
190	131		65 CNEL	101	43
60	2		70 CNEL	47	-11

```

//
// View           View Angle of Observer (180)           180          //
//                SHIELDING (adjust output by hand)     //
//                ~~~~~~                                  //
// Woods          Thickness of woodland between          0            //
//                observer and road (feet)               //
// Cover          Percent view coverage between          0            //
//                observer and road (0-100)              //
// Rows           Building rows between observer        0            //
//                and roadway (0-4).                     //
////////////////////////////////////
  
```

Bloomfield Ave. - Towne Center Dr. to 183rd - 2020

```

// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)              0           //
// Sep1           Centerline Separation (feet)            38          //
//               with      >>          (Usually 23' for 2-lane, 38'
//               median    >>          for 4-lane, 50' for 6-lane)
// Dist1          Distance from observer to the          100         //
//               nearest lane centerline (>50')
//               (used in calculations)
// Dist2          Dist. from ROW to NLC                    31          //
//               *** CNEL @ 100' (SOFT) 64.03
// VOL            TOTAL Vehicle Volume (two-way)           26,800     //
// ALPHA         Hard site=0, Soft site=0.5                0.5        //
  
```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
600	551	<-- hard 60 CNEL soft --->	218	170
190	141	65 CNEL	101	53
60	12	70 CNEL	47	-1

```

// View          View Angle of Observer (180)              180         //
//               SHIELDING (adjust output by hand)
//               ~~~~~
// Woods         Thickness of woodland between            0           //
//               observer and road (feet)
// Cover         Percent view coverage between            0           //
//               observer and road (0-100)
// Rows         Building rows between observer            0           //
//               and roadway (0-4).
  
```

```

//
  
```

Bloomfield Ave. - 183rd to South Street - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                31          //
//              *** CNEL @ 100' (SOFT)      63.29      //
// VOL           TOTAL Vehicle Volume (two-way)      22,600     //
// ALPHA        Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
506	457	<-- hard 60 CNEL soft --->	195	146
160	111	65 CNEL	90	42
51	2	70 CNEL	42	-7

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between        0           //
//              observer and road (feet) //
// Cover         Percent view coverage between        0           //
//              observer and road (0-100) //
// Rows         Building rows between observer        0           //
//              and roadway (0-4). //
////////////////////////////////////

```

Bloomfield Ave. - South Street to 195th - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                  62.89        //
// VOL                  TOTAL Vehicle Volume (two-way)          20,600       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
461	413	<-- hard	60 CNEL soft --->	183	135
146	97		65 CNEL	85	37
46	-2		70 CNEL	39	-9

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```


Bloomfield Ave. - 195th to Del Amo - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)             38           //
//      with      >>      (Usually 23' for 2-lane, 38'      //
//      median    >>      for 4-lane, 50' for 6-lane)      //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50')          //
//                (used in calculations)                  //
// Dist2           Dist. from ROW to NLC                   31           //
//                *** CNEL @ 100' (SOFT)                  63.29        //
// VOL             TOTAL Vehicle Volume (two-way)          22,600       //
// ALPHA          Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
506	457	<-- hard 60 CNEL soft --->	195	146
160	111	65 CNEL	90	42
51	2	70 CNEL	42	-7

```

//
// View           View Angle of Observer (180)             180          //
//                SHIELDING (adjust output by hand)        //
//                ~~~~~~                                     //
// Woods          Thickness of woodland between            0            //
//                observer and road (feet)                  //
// Cover          Percent view coverage between            0            //
//                observer and road (0-100)                 //
// Rows           Building rows between observer          0            //
//                and roadway (0-4).                         //
////////////////////////////////////

```

Carmenita Road - North of 166th - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 64.72        //
// VOL                  TOTAL Vehicle Volume (two-way)          23,400       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
703	655	<-- hard	60 CNEL	soft --->	242	194
222	174		65 CNEL		113	64
70	22		70 CNEL		52	4

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0           //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0           //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0           //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Carmenita Road - 166th to Artesia - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           45           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)            38           //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2           Dist. from ROW to NLC                   31           //
//                *** CNEL @ 100' (SOFT) 65.05 //
// VOL             TOTAL Vehicle Volume (two-way)          25,200 //
// ALPHA           Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
759	710	<-- hard 60 CNEL soft --->	255	207
240	191	65 CNEL	118	70
76	27	70 CNEL	55	6

```

//
// View           View Angle of Observer (180)             180          //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods          Thickness of woodland between           0            //
//                observer and road (feet) //
// Cover          Percent view coverage between           0            //
//                observer and road (0-100) //
// Rows           Building rows between observer           0            //
//                and roadway (0-4). //
////////////////////////////////////

```

Carmenita Road - Artesia to 183rd - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31          //
//               *** CNEL @ 100' (SOFT) 65.6 //
// VOL            TOTAL Vehicle Volume (two-way)     28,600 //
// ALPHA          Hard site=0, Soft site=0.5        0.5         //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
861	812	<-- hard 60 CNEL soft --->	278	229
272	224	65 CNEL	129	80
86	38	70 CNEL	60	11

```

//
// View          View Angle of Observer (180)        180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0           //
//               observer and road (feet) //
// Cover         Percent view coverage between      0           //
//               observer and road (0-100) //
// Rows          Building rows between observer     0           //
//               and roadway (0-4). //
////////////////////////////////////

```


Carmenita Road - South of South Street- 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 64.05        //
// VOL                  TOTAL Vehicle Volume (two-way)          26,900       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
601	553	<-- hard	60 CNEL soft --->	219	170
190	142		65 CNEL	102	53
60	12		70 CNEL	47	-1

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                       //

```

////////////////////////////////////

Del Amo Blvd. - East of Studebaker - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 64.55        //
// VOL                  TOTAL Vehicle Volume (two-way)          30,200       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
676	628	<-- hard	60 CNEL soft --->	236	188
214	165		65 CNEL	110	61
68	19		70 CNEL	51	2

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Del Amo Blvd. - West of Mapes - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 64.93        //
// VOL                  TOTAL Vehicle Volume (two-way)          33,000       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
738	689	<--	hard 60 CNEL soft --->	250	202
233	185		65 CNEL	116	68
74	25		70 CNEL	54	5

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0             //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0             //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0             //
//                      and roadway (0-4).                       //
////////////////////////////////////

```


Del Amo Blvd. - Pioneer to Norwalk - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                  64.42        //
// VOL                  TOTAL Vehicle Volume (two-way)          29,300       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
656	608	<-- hard	60 CNEL soft --->	232	183
207	159		65 CNEL	107	59
66	17		70 CNEL	50	1

```

//
// View                View Angle of Observer (180)           180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                        //
////////////////////////////////////

```

Del Amo Blvd. - Norwalk to Bloomfield - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 63.42        //
// VOL                  TOTAL Vehicle Volume (two-way)          23,300       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
521	473	<-- hard	60 CNEL soft --->	199	150
165	116		65 CNEL	92	44
52	4		70 CNEL	43	-6

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                                  //
// Woods              Thickness of woodland between            0            //
//                      observer and road (feet)               //
// Cover              Percent view coverage between            0            //
//                      observer and road (0-100)              //
// Rows              Building rows between observer            0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Del Amo Blvd. - East of Bloomfield - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 62.47        //
// VOL                  TOTAL Vehicle Volume (two-way)          18,700       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
419	370	<-- hard 60 CNEL soft --->	172	123
132	84	65 CNEL	80	31
42	-7	70 CNEL	37	-11

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Gridley Road -North of Artesia - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38            //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21            //
//                      *** CNEL @ 100' (SOFT)                 58.72         //
// VOL                  TOTAL Vehicle Volume (two-way)          7,900         //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
177	138	<-- hard	60 CNEL soft --->	97	58	
56	17		65 CNEL	45	6	
18	-21		70 CNEL	21	-18	

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods              Thickness of woodland between             0             //
//                      observer and road (feet)                //
// Cover              Percent view coverage between             0             //
//                      observer and road (0-100)               //
// Rows              Building rows between observer             0             //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Gridley Road -Artesia to 183rd - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  60.89        //
// VOL                  TOTAL Vehicle Volume (two-way)          13,000       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
291	253	<-- hard	60 CNEL soft --->	135	96
92	54		65 CNEL	63	24
29	-9		70 CNEL	29	-9

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                   //
// Woods               Thickness of woodland between            0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Gridley Road -183rd to South Street- 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//     with             >>      (Usually 23' for 2-lane, 38'     //
//     median           >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the         100           //
//                    nearest lane centerline (>50')           //
//                    (used in calculations)                   //
// Dist2                Dist. from ROW to NLC                  21           //
//                    *** CNEL @ 100' (SOFT)                   62.05        //
// VOL                  TOTAL Vehicle Volume (two-way)          17,000       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //
  
```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
380	342	<-- hard 60 CNEL soft --->	161	122
120	82	65 CNEL	75	36
38	-0	70 CNEL	35	-4

```

//
// View                View Angle of Observer (180)             180           //
//                    SHIELDING (adjust output by hand)         //
//                    ~~~~~~                                     //
// Woods               Thickness of woodland between            0           //
//                    observer and road (feet)                  //
// Cover               Percent view coverage between            0           //
//                    observer and road (0-100)                  //
// Rows                Building rows between observer           0           //
//                    and roadway (0-4).                          //
////////////////////////////////////
  
```

Gridley Road - South Street to 195th - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 59.57        //
// VOL                  TOTAL Vehicle Volume (two-way)          9,600        //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
215	176	<-- hard 60 CNEL soft --->	110	72
68	29	65 CNEL	51	13
21	-17	70 CNEL	24	-15

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods              Thickness of woodland between            0            //
//                      observer and road (feet)                //
// Cover              Percent view coverage between            0            //
//                      observer and road (0-100)                //
// Rows              Building rows between observer            0            //
//                      and roadway (0-4).                        //
////////////////////////////////////

```

Marquardt Avenue - North of 166th - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 62.34        //
// VOL                  TOTAL Vehicle Volume (two-way)         13,500       //
// ALPHA                Hard site=0, Soft site=0.5             0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
405	367	<-- hard	60 CNEL soft --->	168	130
128	90		65 CNEL	78	40
41	2		70 CNEL	36	-2

```

//
// View                View Angle of Observer (180)            180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //

```

```

////////////////////////////////////

```


Marquardt Avenue - 166th to Artesia - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           45           //
// Grad            Road Gradient (% , 0 to 6)              0           //
// Sep1            Centerline Separation (feet)             38           //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100           //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                   21           //
//                *** CNEL @ 100' (SOFT)                   62.52        //
// VOL             TOTAL Vehicle Volume (two-way)          14,100       //
// ALPHA          Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
424	385	<-- hard 60 CNEL soft --->	173	135
134	95	65 CNEL	80	42
42	4	70 CNEL	37	-1

```

//
// View           View Angle of Observer (180)             180           //
//                SHIELDING (adjust output by hand)         //
//                ~~~~~~                                     //
// Woods          Thickness of woodland between            0           //
//                observer and road (feet)                  //
// Cover          Percent view coverage between            0           //
//                observer and road (0-100)                 //
// Rows           Building rows between observer           0           //
//                and roadway (0-4).                        //
////////////////////////////////////

```

Marquardt Avenue - South of Artesia - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      45          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               21           //
//               *** CNEL @ 100' (SOFT) 62.65 //
// VOL           TOTAL Vehicle Volume (two-way)      14,500 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
436	398	<-- hard 60 CNEL soft --->	176	138
138	100	65 CNEL	82	43
44	5	70 CNEL	38	-0

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between       0            //
//               observer and road (feet) //
// Cover         Percent view coverage between       0            //
//               observer and road (0-100) //
// Rows          Building rows between observer     0            //
//               and roadway (0-4). //

```

////////////////////////////////////

Marquardt Avenue - Artesia to 183rd - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  63.02        //
// VOL                  TOTAL Vehicle Volume (two-way)          15,800       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
475	437	<-- hard	60 CNEL soft --->	187	148
150	112		65 CNEL	87	48
48	9		70 CNEL	40	2

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Marquardt Avenue - South 183rd - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)            38           //
//      with       >>           (Usually 23' for 2-lane, 38' //
//      median     >>           for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50')          //
//                (used in calculations)                  //
// Dist2           Dist. from ROW to NLC                   21           //
//                *** CNEL @ 100' (SOFT)                 61.98        //
// VOL             TOTAL Vehicle Volume (two-way)          16,700       //
// ALPHA          Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
373	335	<-- hard 60 CNEL soft --->	159	121
118	80	65 CNEL	74	35
37	-1	70 CNEL	34	-4

```

//
// View           View Angle of Observer (180)             180          //
//                SHIELDING (adjust output by hand)       //
//                ~~~~~~ //
// Woods          Thickness of woodland between           0            //
//                observer and road (feet)                //
// Cover          Percent view coverage between           0            //
//                observer and road (0-100)               //
// Rows          Building rows between observer          0            //
//                and roadway (0-4).                      //
////////////////////////////////////

```

Norwalk Blvd. - North of 166th - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           35           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)            38           //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                   21           //
//                *** CNEL @ 100' (SOFT)                   61.51        //
// VOL             TOTAL Vehicle Volume (two-way)          20,800       //
// ALPHA          Hard site=0, Soft site=0.5              0.5          //

```

	DISTANCE FROM	C N T R L I N E	R O W	R E S U L T S	D I S T A N C E F R O M	C E N T E R L I N E	R O W
	336		297	<-- hard 60 CNEL soft --->	148		110
	106		68	65 CNEL	69		30
	34		-5	70 CNEL	32		-7
//							
// View				View Angle of Observer (180)	180		
//				SHIELDING (adjust output by hand)			
//				~~~~~			
// Woods				Thickness of woodland between	0		
//				observer and road (feet)			
// Cover				Percent view coverage between	0		
//				observer and road (0-100)			
// Rows				Building rows between observer	0		
//				and roadway (0-4).			

Norwalk Blvd. - 166th to 91 Freeway - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC               21          //
//              *** CNEL @ 100' (SOFT)             64.77       //
// VOL           TOTAL Vehicle Volume (two-way)     31,800      //
// ALPHA        Hard site=0, Soft site=0.5         0.5         //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
711	673	<-- hard 60 CNEL soft --->	244	206
225	186	65 CNEL	113	75
71	33	70 CNEL	53	14

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between        0           //
//              observer and road (feet) //
// Cover        Percent view coverage between        0           //
//              observer and road (0-100) //
// Rows        Building rows between observer        0           //
//              and roadway (0-4). //

```

////////////////////////////////////

Norwalk Blvd. - 91 Freeway to Artesia- 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0            //
// Sep1            Centerline Separation (feet)             38           //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100          //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                    21           //
//                *** CNEL @ 100' (SOFT)                   64.28        //
// VOL             TOTAL Vehicle Volume (two-way)           28,400       //
// ALPHA          Hard site=0, Soft site=0.5                0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
635	597	<-- hard 60 CNEL soft --->	227	188
201	162	65 CNEL	105	67
64	25	70 CNEL	49	10

```

//
// View           View Angle of Observer (180)             180          //
//                SHIELDING (adjust output by hand)         //
//                ~~~~~~                                     //
// Woods          Thickness of woodland between            0            //
//                observer and road (feet)                   //
// Cover          Percent view coverage between            0            //
//                observer and road (0-100)                   //
// Rows          Building rows between observer            0            //
//                and roadway (0-4).                           //
////////////////////////////////////

```

Norwalk Blvd. - North of 195th - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                21          //
//              *** CNEL @ 100' (SOFT) 62.91 //
// VOL           TOTAL Vehicle Volume (two-way)      20,700 //
// ALPHA        Hard site=0, Soft site=0.5          0.5        //

```

DISTANCE FROM	R E S U L T S		DISTANCE FROM
Cntrline	ROW		Centerline
463	425	<-- hard 60 CNEL soft --->	184
147	108	65 CNEL	85
46	8	70 CNEL	40

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between       0           //
//              observer and road (feet) //
// Cover        Percent view coverage between       0           //
//              observer and road (0-100) //
// Rows        Building rows between observer      0           //
//              and roadway (0-4). //
////////////////////////////////////

```


Norwalk Blvd. - South of 195th - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  62.67        //
// VOL                  TOTAL Vehicle Volume (two-way)          19,600       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
439	400	<-- hard	60 CNEL soft --->	177	139
139	100		65 CNEL	82	44
44	5		70 CNEL	38	-0

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

Palo Verde Ave - Artesia to 183rd - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            24           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   28           //
//                      *** CNEL @ 100' (SOFT)                   61.03        //
// VOL                  TOTAL Vehicle Volume (two-way)          12,400       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
277	238	<-- hard	60 CNEL soft --->	130	91
88	48		65 CNEL	61	21
28	-12		70 CNEL	28	-11

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                       //

```

////////////////////////////////////

Palo Verde Ave - South 183rd - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            24           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   28           //
//                      *** CNEL @ 100' (SOFT)                   61.83        //
// VOL                  TOTAL Vehicle Volume (two-way)          14,900       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
333	294	<-- hard	60 CNEL soft --->	147	108
105	66		65 CNEL	68	29
33	-6		70 CNEL	32	-8

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)        //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0            //
//                      observer and road (feet)                  //
// Cover               Percent view coverage between            0            //
//                      observer and road (0-100)                 //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                         //
////////////////////////////////////

```

Palo Verde Ave - North of South Street - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)             0            //
// Sep1          Centerline Separation (feet)             24           //
//           with      >>           (Usually 23' for 2-lane, 38' //
//           median    >>           for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the           100          //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2         Dist. from ROW to NLC                     28           //
//                *** CNEL @ 100' (SOFT)         61.94        //
// VOL           TOTAL Vehicle Volume (two-way)          15,300       //
// ALPHA        Hard site=0, Soft site=0.5              0.5          //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	343	303	<-- hard 60 CNEL soft --->	150	111
	108	69	65 CNEL	70	30
	34	-5	70 CNEL	32	-7
//					//
// View			View Angle of Observer (180)	180	//
//			SHIELDING (adjust output by hand)		//
//			~~~~~		//
// Woods			Thickness of woodland between	0	//
//			observer and road (feet)		//
// Cover			Percent view coverage between	0	//
//			observer and road (0-100)		//
// Rows			Building rows between observer	0	//
//			and roadway (0-4).		//

Park Plaza Drive - West of Town Center Drive - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           25           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            24           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                  28           //
//                      *** CNEL @ 100' (SOFT)                 53.18        //
// VOL                  TOTAL Vehicle Volume (two-way)         6,100        //
// ALPHA                Hard site=0, Soft site=0.5             0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
45	6	<-- hard	60 CNEL soft --->	39	-0
14	-25		65 CNEL	18	-21
5	-35		70 CNEL	8	-31

```

//
// View                View Angle of Observer (180)           180          //
//                      SHIELDING (adjust output by hand)     //
//                      ~~~~~~                               //
// Woods               Thickness of woodland between          0            //
//                      observer and road (feet)              //
// Cover               Percent view coverage between          0            //
//                      observer and road (0-100)             //
// Rows                Building rows between observer         0            //
//                      and roadway (0-4).                   //
////////////////////////////////////

```

Park Plaza Drive - West of Shoemaker - 2020

```

//////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)          25            //
// Grad                 Road Gradient (% , 0 to 6)              0              //
// Sep1                 Centerline Separation (feet)           24            //
//       with           >>   (Usually 23' for 2-lane, 38'       //
//       median         >>   for 4-lane, 50' for 6-lane)         //
// Dist1                Distance from observer to the         100           //
//                       nearest lane centerline (>50')        //
//                       (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                  28            //
//                       *** CNEL @ 100' (SOFT)                57.31         //
// VOL                  TOTAL Vehicle Volume (two-way)         15,800        //
// ALPHA               Hard site=0, Soft site=0.5              0.5           //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	118	79	<-- hard 60 CNEL soft --->	74	34
	37	-2	65 CNEL	34	-5
	12	-28	70 CNEL	16	-23
//					
// View			View Angle of Observer (180)	180	
//			SHIELDING (adjust output by hand)		
//			~~~~~		
// Woods			Thickness of woodland between	0	
//			observer and road (feet)		
// Cover			Percent view coverage between	0	
//			observer and road (0-100)		
// Rows			Building rows between observer	0	
//			and roadway (0-4).		

```

//////////////////////

```

Pioneer Blvd - South Street to 195th - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1          Centerline Separation (feet)        38          //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC               31          //
//              *** CNEL @ 100' (SOFT) 62.54 //
// VOL           TOTAL Vehicle Volume (two-way)     19,000      //
// ALPHA        Hard site=0, Soft site=0.5         0.5        //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
425	376	<-- hard 60 CNEL soft --->	173	125
134	86	65 CNEL	81	32
42	-6	70 CNEL	37	-11

```

//
// View          View Angle of Observer (180)        180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between       0           //
//              observer and road (feet) //
// Cover         Percent view coverage between       0           //
//              observer and road (0-100) //
// Rows         Building rows between observer      0           //
//              and roadway (0-4). //
////////////////////////////////////

```

Pioneer Blvd - South of 195th - 2020

```

////////////////////////////////////
// Speed           Vehicle Speed (mph, 0 to 100)           40           //
// Grad            Road Gradient (% , 0 to 6)              0           //
// Sep1            Centerline Separation (feet)             38           //
//                with      >>      (Usually 23' for 2-lane, 38' //
//                median    >>      for 4-lane, 50' for 6-lane) //
// Dist1           Distance from observer to the           100           //
//                nearest lane centerline (>50')           //
//                (used in calculations)                   //
// Dist2           Dist. from ROW to NLC                   31           //
//                *** CNEL @ 100' (SOFT)                  62.44        //
// VOL             TOTAL Vehicle Volume (two-way)          18,600       //
// ALPHA           Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
416	367	<-- hard 60 CNEL soft --->	171	122
132	83	65 CNEL	79	31
42	-7	70 CNEL	37	-12

```

//
// View           View Angle of Observer (180)             180           //
//                SHIELDING (adjust output by hand)       //
//                ~~~~~~                                   //
// Woods          Thickness of woodland between           0           //
//                observer and road (feet)                 //
// Cover          Percent view coverage between           0           //
//                observer and road (0-100)                //
// Rows          Building rows between observer           0           //
//                and roadway (0-4).                       //
////////////////////////////////////

```


Pioneer Blvd - North of South Street - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 63.13        //
// VOL                  TOTAL Vehicle Volume (two-way)          21,800       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
487	439	<-- hard 60 CNEL soft --->	190	141
154	106	65 CNEL	88	40
49	0	70 CNEL	41	-8

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0           //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0           //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0           //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Shoemaker Ave - North of 166th - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21        //
//               *** CNEL @ 100' (SOFT)      61.18    //
// VOL            TOTAL Vehicle Volume (two-way)     13,900    //
// ALPHA         Hard site=0, Soft site=0.5         0.5       //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
311	273	<-- hard	60 CNEL soft --->	141	102
98	60		65 CNEL	65	27
31	-7		70 CNEL	30	-8

```

//
// View          View Angle of Observer (180)        180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows          Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

Shoemaker Ave - 166th to Artesia - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)        38           //
//              with      >>      (Usually 23' for 2-lane, 38' //
//              median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100          //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC              21           //
//              *** CNEL @ 100' (SOFT)      62.03        //
// VOL           TOTAL Vehicle Volume (two-way)     16,900       //
// ALPHA        Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
378	340	<-- hard	60 CNEL soft --->	160	122
120	81		65 CNEL	74	36
38	-1		70 CNEL	35	-4

```

//
// View          View Angle of Observer (180)        180          //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between      0            //
//              observer and road (feet) //
// Cover         Percent view coverage between      0            //
//              observer and road (0-100) //
// Rows         Building rows between observer      0            //
//              and roadway (0-4). //
////////////////////////////////////

```

Shoemaker Ave - Artesia to Park Plaza - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)             0           //
// Sep1          Centerline Separation (feet)             38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the           100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC                   21          //
//               *** CNEL @ 100' (SOFT) 62.13 //
// VOL           TOTAL Vehicle Volume (two-way)         17,300      //
// ALPHA        Hard site=0, Soft site=0.5              0.5         //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
387	349	<-- hard	60 CNEL soft --->	163	124	
122	84		65 CNEL	76	37	
39	0		70 CNEL	35	-3	

```

//
// View          View Angle of Observer (180)           180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between           0           //
//               observer and road (feet) //
// Cover         Percent view coverage between           0           //
//               observer and road (0-100) //
// Rows         Building rows between observer           0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Shoemaker Ave - Park Plaza to 183rd - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)             0           //
// Sep1           Centerline Separation (feet)           38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the          100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC                  21          //
//               *** CNEL @ 100' (SOFT) 61.71 //
// VOL            TOTAL Vehicle Volume (two-way)         15,700     //
// ALPHA         Hard site=0, Soft site=0.5             0.5        //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
352	313	<-- hard	60 CNEL soft --->	153	114	
111	73		65 CNEL	71	32	
35	-3		70 CNEL	33	-6	

```

//
// View          View Angle of Observer (180)           180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between          0           //
//               observer and road (feet) //
// Cover         Percent view coverage between          0           //
//               observer and road (0-100) //
// Rows         Building rows between observer          0           //
//               and roadway (0-4). //
////////////////////////////////////

```

Shoemaker Ave - 183rd to South Street - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21           //
//               *** CNEL @ 100' (SOFT) 60.65 //
// VOL            TOTAL Vehicle Volume (two-way)     12,300 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
275	237	<-- hard	60 CNEL soft --->	130	91
87	49		65 CNEL	60	22
28	-11		70 CNEL	28	-11

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Shoemaker Ave - South of South Street - 2020

```

//////////////////////////////////// ////////////////////////////////////// ////////////////////////////////////// ////////////////////////////////////// //////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40                //
// Grad                 Road Gradient (% , 0 to 6)              0                //
// Sep1                 Centerline Separation (feet)            38                //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100                //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                    21                //
//                      *** CNEL @ 100' (SOFT)                  57.38           //
// VOL                  TOTAL Vehicle Volume (two-way)          5,800           //
// ALPHA                Hard site=0, Soft site=0.5              0.5                //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
130	91	<-- hard	60 CNEL	soft --->	79	40
41	3		65 CNEL		36	-2
13	-26		70 CNEL		17	-22

```

//
// View                View Angle of Observer (180)             180                //
//                      SHIELDING (adjust output by hand)        //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0                  //
//                      observer and road (feet)                  //
// Cover               Percent view coverage between            0                  //
//                      observer and road (0-100)                  //
// Rows                Building rows between observer            0                  //
//                      and roadway (0-4).                          //
//////////////////////////////////// ////////////////////////////////////// ////////////////////////////////////// ////////////////////////////////////// //////////////////////////////////////

```

South Street - West of Studebaker - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)        38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100       //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC              31        //
//              *** CNEL @ 100' (SOFT) 65.49 //
// VOL          TOTAL Vehicle Volume (two-way)      37,500 //
// ALPHA        Hard site=0, Soft site=0.5         0.5      //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
839	791	<-- hard	60 CNEL soft --->	273	224
265	217		65 CNEL	127	78
84	35		70 CNEL	59	10

```

//
// View          View Angle of Observer (180)        180       //
//              SHIELDING (adjust output by hand) //
//              ----- //
// Woods        Thickness of woodland between      0        //
//              observer and road (feet) //
// Cover        Percent view coverage between      0        //
//              observer and road (0-100) //
// Rows        Building rows between observer      0        //
//              and roadway (0-4). //
////////////////////////////////////

```


South Street - Studebaker to 605 freeway - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       49           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              36           //
//               *** CNEL @ 100' (SOFT)            66.3         //
// VOL            TOTAL Vehicle Volume (two-way)     47,900       //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
*****	1013	<-- hard	60 CNEL soft --->	321	263
339	280		65 CNEL	149	91
107	49		70 CNEL	69	11

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

South Street - 605 freeway to Grindley - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            49            //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   36            //
//                      *** CNEL @ 100' (SOFT)                  66.56         //
// VOL                  TOTAL Vehicle Volume (two-way)          50,800        //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
*****	1079	<-- hard	60 CNEL	soft --->	334	276
359	301		65 CNEL		155	97
114	56		70 CNEL		72	14

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0             //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0             //
//                      observer and road (0-100)               //
// Rows                Building rows between observer           0             //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

South Street - Grindley to Pioneer - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)        49           //
//              with      >>      (Usually 23' for 2-lane, 38' //
//              median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100          //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC               36           //
//              *** CNEL @ 100' (SOFT) 64.28 //
// VOL           TOTAL Vehicle Volume (two-way)     30,100 //
// ALPHA        Hard site=0, Soft site=0.5         0.5          //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	674	616	<-- hard 60 CNEL soft --->	235	177
	213	155	65 CNEL	109	51
	67	9	70 CNEL	51	-7
//					//
// View			View Angle of Observer (180)	180	//
//			SHIELDING (adjust output by hand)		//
//			~~~~~		//
// Woods			Thickness of woodland between	0	//
//			observer and road (feet)		//
// Cover			Percent view coverage between	0	//
//			observer and road (0-100)		//
// Rows			Building rows between observer	0	//
//			and roadway (0-4).		//

South Street - Pioneer to Bloomfield - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38       //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31       //
//               *** CNEL @ 100' (SOFT) 64.36 //
// VOL           TOTAL Vehicle Volume (two-way)      28,900 //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
647	599	<-- hard 60 CNEL soft --->	229	181
205	156	65 CNEL	107	58
65	16	70 CNEL	49	1

```

//
// View          View Angle of Observer (180)         180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

South Street - Bloomfield to Shoemaker - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                 64.37        //
// VOL                  TOTAL Vehicle Volume (two-way)          29,000       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
649	600	<-- hard	60 CNEL soft --->	230	181
205	157		65 CNEL	107	58
65	16		70 CNEL	50	1

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

South Street - Shoemaker to Carmenita - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31           //
//               *** CNEL @ 100' (SOFT) 64.33 //
// VOL           TOTAL Vehicle Volume (two-way)      28,700 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	643	594	<-- hard 60 CNEL soft --->	228	180
	203	155	65 CNEL	106	58
	64	16	70 CNEL	49	1
//					
// View			View Angle of Observer (180)	180	
//			SHIELDING (adjust output by hand)		
//			~~~~~		
// Woods			Thickness of woodland between	0	
//			observer and road (feet)		
// Cover			Percent view coverage between	0	
//			observer and road (0-100)		
// Rows			Building rows between observer	0	
//			and roadway (0-4).		

South Street - East of Carmenita - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)             0            //
// Sep1           Centerline Separation (feet)            38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the          100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC                    31           //
//               *** CNEL @ 100' (SOFT) 62.56 //
// VOL            TOTAL Vehicle Volume (two-way)          19,100 //
// ALPHA         Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
428	379	<-- hard	60 CNEL soft --->	174	126
135	87		65 CNEL	81	32
43	-6		70 CNEL	38	-11

```

//
// View          View Angle of Observer (180)             180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between           0            //
//               observer and road (feet) //
// Cover         Percent view coverage between           0            //
//               observer and road (0-100) //
// Rows         Building rows between observer           0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - Alondra to 166th - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          40          //
// Grad           Road Gradient (% , 0 to 6)             0           //
// Sep1           Centerline Separation (feet)           38          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the          100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC                  31          //
//               *** CNEL @ 100' (SOFT) 64.7 //
// VOL           TOTAL Vehicle Volume (two-way)         31,300     //
// ALPHA         Hard site=0, Soft site=0.5             0.5        //

```

	DISTANCE FROM		R E S U L T S		DISTANCE FROM	
	Cntrline	ROW			Centerline	ROW
	700	651	<-- hard	60 CNEL soft --->	242	193
	221	173		65 CNEL	112	64
	70	22		70 CNEL	52	4
//						//
// View				View Angle of Observer (180)	180	//
//				SHIELDING (adjust output by hand)		//
//				~~~~~		//
// Woods				Thickness of woodland between	0	//
//				observer and road (feet)		//
// Cover				Percent view coverage between	0	//
//				observer and road (0-100)		//
// Rows				Building rows between observer	0	//
//				and roadway (0-4).		//

Studebaker - 166th to 91 Freeway - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   31           //
//                      *** CNEL @ 100' (SOFT)                  63.25        //
// VOL                  TOTAL Vehicle Volume (two-way)          22,400       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW				Centerline	ROW
501	453	<--	hard 60 CNEL	soft --->	193	145
158	110		65 CNEL		90	41
50	2		70 CNEL		42	-7

```

//
// View                View Angle of Observer (180)              180           //
//                      SHIELDING (adjust output by hand)        //
//                      ~~~~~~                                   //
// Woods               Thickness of woodland between            0             //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0             //
//                      observer and road (0-100)                //
// Rows                Building rows between observer            0             //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Studebaker - 91 Freeway to Artesia - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       38           //
//               with          >>          (Usually 23' for 2-lane, 38' //
//               median        >>          for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31           //
//               *** CNEL @ 100' (SOFT)            64.23        //
// VOL            TOTAL Vehicle Volume (two-way)    28,100       //
// ALPHA         Hard site=0, Soft site=0.5        0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
628	580	<-- hard	60 CNEL soft --->	225	176
199	150		65 CNEL	104	56
63	14		70 CNEL	48	-0

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - Artesia to 183rd - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC                31           //
//               *** CNEL @ 100' (SOFT)             62.84        //
// VOL           TOTAL Vehicle Volume (two-way)      20,400       //
// ALPHA        Hard site=0, Soft site=0.5           0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
456	408	<-- hard	60 CNEL soft --->	182	133
144	96		65 CNEL	84	36
46	-3		70 CNEL	39	-9
//					//
// View		View Angle of Observer (180)		180	//
//		SHIELDING (adjust output by hand)			//
//		~~~~~			//
// Woods		Thickness of woodland between		0	//
//		observer and road (feet)			//
// Cover		Percent view coverage between		0	//
//		observer and road (0-100)			//
// Rows		Building rows between observer		0	//
//		and roadway (0-4).			//

Studebaker - 183rd to South Street - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)          35          //
// Grad           Road Gradient (% , 0 to 6)             0           //
// Sep1          Centerline Separation (feet)            38          //
//              with      >>          (Usually 23' for 2-lane, 38' //
//              median    >>          for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the          100         //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                   31          //
//              *** CNEL @ 100' (SOFT) 62.56 //
// VOL           TOTAL Vehicle Volume (two-way)         26,500 //
// ALPHA        Hard site=0, Soft site=0.5             0.5         //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
428	379	<-- hard	60 CNEL soft --->	174	126
135	87		65 CNEL	81	32
43	-6		70 CNEL	38	-11

```

//
// View          View Angle of Observer (180)          180         //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between          0           //
//              observer and road (feet) //
// Cover         Percent view coverage between          0           //
//              observer and road (0-100) //
// Rows         Building rows between observer          0           //
//              and roadway (0-4). //
////////////////////////////////////

```

Studebaker - South Street to 195th - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31           //
//               *** CNEL @ 100' (SOFT) 60.85 //
// VOL            TOTAL Vehicle Volume (two-way)     12,900 //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
288	240	<-- hard	60 CNEL soft --->	134	85	
91	43		65 CNEL	62	14	
29	-20		70 CNEL	29	-20	

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

Studebaker - South of 195th - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        38        //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              31        //
//               *** CNEL @ 100' (SOFT) 60.47 //
// VOL            TOTAL Vehicle Volume (two-way)     11,800 //
// ALPHA          Hard site=0, Soft site=0.5        0.5      //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	264	216	<-- hard 60 CNEL soft --->	126	78
	84	35	65 CNEL	59	10
	26	-22	70 CNEL	27	-21
//					//
// View			View Angle of Observer (180)	180	//
//			SHIELDING (adjust output by hand)		//
//			~~~~~		//
// Woods			Thickness of woodland between	0	//
//			observer and road (feet)		//
// Cover			Percent view coverage between	0	//
//			observer and road (0-100)		//
// Rows			Building rows between observer	0	//
//			and roadway (0-4).		//

Towne Center Drive - Bloomfield to Park Plaza E - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           25           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)           24           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   28           //
//                      *** CNEL @ 100' (SOFT)                 57.58        //
// VOL                  TOTAL Vehicle Volume (two-way)         16,800       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW			Centerline	ROW	
125	86	<--	hard 60 CNEL soft --->	77	37	
40	0		65 CNEL	36	-4	
13	-27		70 CNEL	17	-23	

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer            0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

Towne Center Drive - Park Plaza E to 183rd - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      25      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)        24        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the      100       //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2         Dist. from ROW to NLC              28        //
//               *** CNEL @ 100' (SOFT)            54.62     //
// VOL           TOTAL Vehicle Volume (two-way)     8,500     //
// ALPHA        Hard site=0, Soft site=0.5         0.5       //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
63	24	<-- hard 60 CNEL soft --->	49	9
20	-19	65 CNEL	23	-17
6	-33	70 CNEL	10	-29
//				
//	View	View Angle of Observer (180)	180	//
//		SHIELDING (adjust output by hand)		//
//		~~~~~		//
//	Woods	Thickness of woodland between	0	//
//		observer and road (feet)		//
//	Cover	Percent view coverage between	0	//
//		observer and road (0-100)		//
//	Rows	Building rows between observer	0	//
//		and roadway (0-4).		//
////////////////////////////////////				

Valley View Avenue - North of Artesia - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            38            //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the           100           //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   31            //
//                      *** CNEL @ 100' (SOFT)                 66.49         //
// VOL                  TOTAL Vehicle Volume (two-way)          35,100        //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
*****	1006	<-- hard	60 CNEL soft --->	318	270
333	285		65 CNEL	148	99
105	57		70 CNEL	69	20
//					//
// View		View Angle of Observer (180)		180	//
//		SHIELDING (adjust output by hand)			//
//		~~~~~			//
// Woods		Thickness of woodland between		0	//
//		observer and road (feet)			//
// Cover		Percent view coverage between		0	//
//		observer and road (0-100)			//
// Rows		Building rows between observer		0	//
//		and roadway (0-4).			//
////////////////////////////////////					

Valley View Avenue - Artesia to 183rd - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           45           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            49           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   36           //
//                      *** CNEL @ 100' (SOFT)                  65.78        //
// VOL                  TOTAL Vehicle Volume (two-way)          31,600       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
950	892	<-- hard	60 CNEL soft --->	296	238
300	242		65 CNEL	138	80
95	37		70 CNEL	64	6

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0           //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0           //
//                      observer and road (0-100)               //
// Rows                Building rows between observer           0           //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

166th Street - West of Studebaker - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           25           //
// Grad                 Road Gradient (% , 0 to 6)              0             //
// Sep1                 Centerline Separation (feet)            24           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                  28           //
//                      *** CNEL @ 100' (SOFT)                 47.09        //
// VOL                  TOTAL Vehicle Volume (two-way)         1,500        //
// ALPHA                Hard site=0, Soft site=0.5             0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
11	-28	<-- hard	60 CNEL soft --->	15	-24
4	-36		65 CNEL	7	-32
1	-38		70 CNEL	3	-36

```

//
// View                View Angle of Observer (180)           180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                //
// Woods              Thickness of woodland between           0            //
//                      observer and road (feet)               //
// Cover              Percent view coverage between           0            //
//                      observer and road (0-100)              //
// Rows              Building rows between observer           0            //
//                      and roadway (0-4).                     //
////////////////////////////////////

```

166th Street - Studebaker to Gridley - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       24           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28           //
//               *** CNEL @ 100' (SOFT)            59.09        //
// VOL            TOTAL Vehicle Volume (two-way)     11,000       //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
178	138	<-- hard 60 CNEL soft --->	97	57
56	17	65 CNEL	45	6
18	-22	70 CNEL	21	-18

```

//
// View          View Angle of Observer (180)        180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0            //
//               observer and road (feet) //
// Cover         Percent view coverage between      0            //
//               observer and road (0-100) //
// Rows         Building rows between observer      0            //
//               and roadway (0-4). //
////////////////////////////////////

```

166th Street - West of Norwalk - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)       24           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28           //
//               *** CNEL @ 100' (SOFT) 59.01 //
// VOL            TOTAL Vehicle Volume (two-way)    10,800 //
// ALPHA         Hard site=0, Soft site=0.5        0.5         //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	174	135	<-- hard 60 CNEL soft --->	96	56
	55	16	65 CNEL	44	5
	17	-22	70 CNEL	21	-19
//					//
// View			View Angle of Observer (180)	180	//
//			SHIELDING (adjust output by hand)		//
//			~~~~~		//
// Woods			Thickness of woodland between	0	//
//			observer and road (feet)		//
// Cover			Percent view coverage between	0	//
//			observer and road (0-100)		//
// Rows			Building rows between observer	0	//
//			and roadway (0-4).		//

166th Street - Norwalk to Bloomfield - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               21           //
//               *** CNEL @ 100' (SOFT) 60.28 //
// VOL           TOTAL Vehicle Volume (two-way)      11,300 //
// ALPHA         Hard site=0, Soft site=0.5         0.5         //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
253	214	<-- hard	60 CNEL soft --->	123	84
80	42		65 CNEL	57	18
25	-13		70 CNEL	26	-12

```

//
// View          View Angle of Observer (180)         180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0            //
//               observer and road (feet) //
// Cover         Percent view coverage between        0            //
//               observer and road (0-100) //
// Rows         Building rows between observer        0            //
//               and roadway (0-4). //
////////////////////////////////////

```

166th Street - Bloomfield to Shoemaker - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)         38       //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100     //
//               nearest lane centerline (>50')      //
//               (used in calculations)              //
// Dist2         Dist. from ROW to NLC                21      //
//               *** CNEL @ 100' (SOFT)              61.42   //
// VOL           TOTAL Vehicle Volume (two-way)      14,700  //
// ALPHA        Hard site=0, Soft site=0.5           0.5     //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
329	290	<-- hard	60 CNEL soft --->	146	108
104	66		65 CNEL	68	29
33	-6		70 CNEL	31	-7

```

//
// View          View Angle of Observer (180)         180     //
//               SHIELDING (adjust output by hand)    //
//               ~~~~~~                               //
// Woods         Thickness of woodland between        0        //
//               observer and road (feet)             //
// Cover         Percent view coverage between        0        //
//               observer and road (0-100)           //
// Rows         Building rows between observer        0        //
//               and roadway (0-4).                  //
////////////////////////////////////

```

166th Street - Shoemaker to Carmenita - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)     //
// Dist1                Distance from observer to the           100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                 //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                 60.85        //
// VOL                  TOTAL Vehicle Volume (two-way)          12,900       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
288	250	<-- hard 60 CNEL soft --->	134	95
91	53	65 CNEL	62	24
29	-10	70 CNEL	29	-10

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer           0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```


166th Street - Carmenita to Marquardt - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)        24           //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the       100          //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                28           //
//              *** CNEL @ 100' (SOFT) 57.34 //
// VOL           TOTAL Vehicle Volume (two-way)      5,300        //
// ALPHA        Hard site=0, Soft site=0.5          0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM		
Cntrline	ROW			Centerline	ROW	
119	79	<-- hard	60 CNEL	soft --->	74	35
37	-2		65 CNEL		34	-5
12	-28		70 CNEL		16	-23

```

//
// View          View Angle of Observer (180)        180          //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods         Thickness of woodland between       0            //
//              observer and road (feet) //
// Cover         Percent view coverage between       0            //
//              observer and road (0-100) //
// Rows         Building rows between observer       0            //
//              and roadway (0-4). //
////////////////////////////////////

```

166th Street - East of Marquardt - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      35          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        24           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28           //
//               *** CNEL @ 100' (SOFT) 52.48 //
// VOL            TOTAL Vehicle Volume (two-way)     2,400        //
// ALPHA         Hard site=0, Soft site=0.5         0.5          //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
39	-1	<-- hard	60 CNEL soft --->	35	-4
12	-27		65 CNEL	16	-23
4	-35		70 CNEL	8	-32
//					
//	View	View Angle of Observer (180)		180	//
//		SHIELDING (adjust output by hand)			//
//		~~~~~			//
//	Woods	Thickness of woodland between		0	//
//		observer and road (feet)			//
//	Cover	Percent view coverage between		0	//
//		observer and road (0-100)			//
//	Rows	Building rows between observer		0	//
//		and roadway (0-4).			//
////////////////////////////////////					

183rd Street - Palo Verde to Studebaker - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              21        //
//                *** CNEL @ 100' (SOFT) 61.24 //
// VOL            TOTAL Vehicle Volume (two-way)    14,100 //
// ALPHA          Hard site=0, Soft site=0.5        0.5      //

```

DISTANCE FROM		R E S U L T S			DISTANCE FROM	
Cntrline	ROW				Centerline	ROW
315	277	<-- hard	60 CNEL	soft --->	142	104
100	61		65 CNEL		66	27
32	-7		70 CNEL		31	-8

```

//
// View          View Angle of Observer (180)        180      //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between      0        //
//                observer and road (feet) //
// Cover         Percent view coverage between      0        //
//                observer and road (0-100) //
// Rows         Building rows between observer      0        //
//                and roadway (0-4). //
////////////////////////////////////

```

183rd Street - Studebaker to Gridley - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           35           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)           38           //
//      with            >>      (Usually 23' for 2-lane, 38'     //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')         //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  60           //
// VOL                  TOTAL Vehicle Volume (two-way)          14,700       //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //
////////////////////////////////////

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
237	199	<-- hard	60 CNEL soft --->	117	79
75	36		65 CNEL	55	16
24	-15		70 CNEL	25	-13

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)                //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                       //
////////////////////////////////////

```

183rd Street - West of Bloomfield - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40           //
// Grad           Road Gradient (% , 0 to 6)         0             //
// Sep1          Centerline Separation (feet)        38           //
//           with      >>      (Usually 23' for 2-lane, 38'      //
//           median    >>      for 4-lane, 50' for 6-lane)      //
// Dist1         Distance from observer to the        100           //
//              nearest lane centerline (>50')      //
//              (used in calculations)              //
// Dist2         Dist. from ROW to NLC                21           //
//              *** CNEL @ 100' (SOFT)             61.02        //
// VOL          TOTAL Vehicle Volume (two-way)       13,400       //
// ALPHA        Hard site=0, Soft site=0.5          0.5           //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
300	261	<-- hard 60 CNEL soft --->	137	99
95	56	65 CNEL	64	25
30	-8	70 CNEL	30	-9
//				//
// View		View Angle of Observer (180)	180	//
//		SHIELDING (adjust output by hand)		//
//		~~~~~		//
// Woods		Thickness of woodland between	0	//
//		observer and road (feet)		//
// Cover		Percent view coverage between	0	//
//		observer and road (0-100)		//
// Rows		Building rows between observer	0	//
//		and roadway (0-4).		//
////////////////////////////////////				

183rd Street - Bloomfield to Shoemaker - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           40           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            38           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   21           //
//                      *** CNEL @ 100' (SOFT)                  61.24        //
// VOL                  TOTAL Vehicle Volume (two-way)          14,100       //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

	DISTANCE FROM		R E S U L T S			DISTANCE FROM	
	Cntrline	ROW				Centerline	ROW
	315	277	<-- hard	60 CNEL	soft -->	142	104
	100	61		65 CNEL		66	27
	32	-7		70 CNEL		31	-8
//							//
// View			View Angle of Observer (180)		180		//
//			SHIELDING (adjust output by hand)				//
//			~~~~~				//
// Woods			Thickness of woodland between		0		//
//			observer and road (feet)				//
// Cover			Percent view coverage between		0		//
//			observer and road (0-100)				//
// Rows			Building rows between observer		0		//
//			and roadway (0-4).				//
////////////////////////////////////							

183rd Street - Shoemaker to Carmenita - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1           Centerline Separation (feet)        38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the       100          //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC               21           //
//               *** CNEL @ 100' (SOFT) 61.36 //
// VOL           TOTAL Vehicle Volume (two-way) 14,500 //
// ALPHA         Hard site=0, Soft site=0.5 0.5 //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
324	286	<-- hard	60 CNEL soft -->	145	106
103	64		65 CNEL	67	29
32	-6		70 CNEL	31	-7

```

//
// View          View Angle of Observer (180)         180          //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between        0            //
//               observer and road (feet) //
// Cover         Percent view coverage between        0            //
//               observer and road (0-100) //
// Rows         Building rows between observer        0            //
//               and roadway (0-4). //
////////////////////////////////////

```

183rd Street - Carmenita to Marquardt - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40           //
// Grad           Road Gradient (% , 0 to 6)         0             //
// Sep1           Centerline Separation (feet)       38           //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100            //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              21           //
//               *** CNEL @ 100' (SOFT) 59.96 //
// VOL            TOTAL Vehicle Volume (two-way)    10,500 //
// ALPHA         Hard site=0, Soft site=0.5         0.5            //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
235	196	<-- hard 60 CNEL soft --->	117	78
74	36	65 CNEL	54	16
23	-15	70 CNEL	25	-13

```

//
// View          View Angle of Observer (180)        180           //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0             //
//               observer and road (feet) //
// Cover         Percent view coverage between      0             //
//               observer and road (0-100) //
// Rows         Building rows between observer     0             //
//               and roadway (0-4). //
////////////////////////////////////

```


183rd Street - Marquardt to Valley View - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              21        //
//                *** CNEL @ 100' (SOFT)           53.55     //
// VOL            TOTAL Vehicle Volume (two-way)     2,400     //
// ALPHA         Hard site=0, Soft site=0.5         0.5       //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
54	15	<-- hard 60 CNEL soft --->	44	5
17	-21	65 CNEL	20	-18
5	-33	70 CNEL	9	-29

```

//
// View          View Angle of Observer (180)        180       //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between      0        //
//                observer and road (feet) //
// Cover         Percent view coverage between      0        //
//                observer and road (0-100) //
// Rows         Building rows between observer      0        //
//                and roadway (0-4). //
////////////////////////////////////

```

195th Street - Studebaker to Gridley - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)         38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100       //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                21        //
//              *** CNEL @ 100' (SOFT) 57.94 //
// VOL          TOTAL Vehicle Volume (two-way) 6,600 //
// ALPHA        Hard site=0, Soft site=0.5          0.5      //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
148	109	<-- hard 60 CNEL soft --->	86	47
47	8	65 CNEL	40	1
15	-24	70 CNEL	18	-20

```

//
// View          View Angle of Observer (180)          180      //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between         0        //
//              observer and road (feet) //
// Cover        Percent view coverage between         0        //
//              observer and road (0-100) //
// Rows         Building rows between observer        0        //
//              and roadway (0-4). //
////////////////////////////////////

```

195th Street - Gridley to Pioneer - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)       38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100       //
//                nearest lane centerline (>50') //
//                (used in calculations) //
// Dist2          Dist. from ROW to NLC              21        //
//                *** CNEL @ 100' (SOFT) 60.58 //
// VOL            TOTAL Vehicle Volume (two-way)    12,100 //
// ALPHA         Hard site=0, Soft site=0.5        0.5      //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
271	233	<-- hard 60 CNEL soft ---->	128	90
86	47	65 CNEL	60	21
27	-11	70 CNEL	28	-11

```

//
// View          View Angle of Observer (180)        180      //
//                SHIELDING (adjust output by hand) //
//                ~~~~~ //
// Woods         Thickness of woodland between      0        //
//                observer and road (feet) //
// Cover         Percent view coverage between      0        //
//                observer and road (0-100) //
// Rows         Building rows between observer      0        //
//                and roadway (0-4). //

```

////////////////////////////////////

195th Street - Pioneer to Norwalk - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40          //
// Grad           Road Gradient (% , 0 to 6)         0            //
// Sep1          Centerline Separation (feet)         38           //
//              with      >>      (Usually 23' for 2-lane, 38' //
//              median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100          //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                21           //
//              *** CNEL @ 100' (SOFT) 61.15         //
// VOL           TOTAL Vehicle Volume (two-way)      13,800       //
// ALPHA        Hard site=0, Soft site=0.5          0.5          //

```

	DISTANCE FROM		RESULTS	DISTANCE FROM	
	Cntrline	ROW		Centerline	ROW
	309	271	<-- hard 60 CNEL soft --->	140	102
	98	59	65 CNEL	65	27
	31	-8	70 CNEL	30	-8
//					//
// View			View Angle of Observer (180)	180	//
//			SHIELDING (adjust output by hand)		//
//			~~~~~		//
// Woods			Thickness of woodland between	0	//
//			observer and road (feet)		//
// Cover			Percent view coverage between	0	//
//			observer and road (0-100)		//
// Rows			Building rows between observer	0	//
//			and roadway (0-4).		//
////////////////////////////////////					////////////////////////////////////

195th Street - Norwalk to Bloomfield - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1          Centerline Separation (feet)        38        //
//           with      >>      (Usually 23' for 2-lane, 38' //
//           median    >>      for 4-lane, 50' for 6-lane) //
// Dist1         Distance from observer to the        100       //
//              nearest lane centerline (>50') //
//              (used in calculations) //
// Dist2         Dist. from ROW to NLC                21        //
//              *** CNEL @ 100' (SOFT) 59.14 //
// VOL           TOTAL Vehicle Volume (two-way)      8,700     //
// ALPHA        Hard site=0, Soft site=0.5          0.5       //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
195	156	<-- hard	60 CNEL soft --->	103	64
62	23		65 CNEL	48	9
19	-19		70 CNEL	22	-16

```

//
// View          View Angle of Observer (180)          180      //
//              SHIELDING (adjust output by hand) //
//              ~~~~~ //
// Woods        Thickness of woodland between          0        //
//              observer and road (feet) //
// Cover        Percent view coverage between          0        //
//              observer and road (0-100) //
// Rows        Building rows between observer          0        //
//              and roadway (0-4). //
////////////////////////////////////

```

195th Street - Bloomfield to Shoemaker - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      40      //
// Grad           Road Gradient (% , 0 to 6)         0        //
// Sep1           Centerline Separation (feet)        24       //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100      //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              28       //
//               *** CNEL @ 100' (SOFT) 57.26 //
// VOL            TOTAL Vehicle Volume (two-way)     5,200    //
// ALPHA         Hard site=0, Soft site=0.5         0.5      //

```

DISTANCE FROM		R E S U L T S		DISTANCE FROM	
Cntrline	ROW			Centerline	ROW
116	77	<-- hard	60 CNEL soft --->	73	34
37	-3		65 CNEL	34	-5
12	-28		70 CNEL	16	-24

```

//
// View          View Angle of Observer (180)        180      //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0        //
//               observer and road (feet) //
// Cover         Percent view coverage between      0        //
//               observer and road (0-100) //
// Rows         Building rows between observer      0        //
//               and roadway (0-4). //
////////////////////////////////////

```

605 Freeway - Alondra to 91 Freeway - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           60           //
// Grad                 Road Gradient (% , 0 to 6)              0           //
// Sep1                 Centerline Separation (feet)            84           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100           //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                  82           //
//                      *** CNEL @ 100' (SOFT)                  78.72        //
// VOL                  TOTAL Vehicle Volume (two-way)          345,150      //
// ALPHA                Hard site=0, Soft site=0.5              0.5           //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	2,401	2284
*****	6824	65 CNEL	1,115	997
*****	2077	70 CNEL	517	400

```

//
// View                View Angle of Observer (180)             180           //
//                      SHIELDING (adjust output by hand)       //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between            0             //
//                      observer and road (feet)                 //
// Cover               Percent view coverage between            0             //
//                      observer and road (0-100)               //
// Rows                Building rows between observer           0             //
//                      and roadway (0-4).                       //
////////////////////////////////////

```


91 Freeway - 605 Freeway to Pioneer - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           60           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            84           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   55           //
//                      *** CNEL @ 100' (SOFT)                  78.41        //
// VOL                  TOTAL Vehicle Volume (two-way)          321,250      //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	2,290	2199
*****	6358	65 CNEL	1,063	972
*****	1948	70 CNEL	493	403

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //
////////////////////////////////////

```

91 Freeway - Pioneer to Norwalk Blvd. - 2020

```

////////////////////////////////////
// Speed                Vehicle Speed (mph, 0 to 100)           60           //
// Grad                 Road Gradient (% , 0 to 6)              0            //
// Sep1                 Centerline Separation (feet)            84           //
//      with            >>      (Usually 23' for 2-lane, 38'      //
//      median          >>      for 4-lane, 50' for 6-lane)      //
// Dist1                Distance from observer to the          100          //
//                      nearest lane centerline (>50')          //
//                      (used in calculations)                  //
// Dist2                Dist. from ROW to NLC                   55           //
//                      *** CNEL @ 100' (SOFT)                 78.29        //
// VOL                  TOTAL Vehicle Volume (two-way)          312,500      //
// ALPHA                Hard site=0, Soft site=0.5              0.5          //

```

DISTANCE FROM		R E S U L T S	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	2,248	2157
*****	6182	65 CNEL	1,043	953
*****	1893	70 CNEL	484	394

```

//
// View                View Angle of Observer (180)             180          //
//                      SHIELDING (adjust output by hand)      //
//                      ~~~~~~                                  //
// Woods               Thickness of woodland between           0            //
//                      observer and road (feet)                //
// Cover               Percent view coverage between           0            //
//                      observer and road (0-100)               //
// Rows                Building rows between observer          0            //
//                      and roadway (0-4).                      //

```

////////////////////////////////////

91 Freeway - Carmenita Rd. to Marquardt Ave. - 2020

```

////////////////////////////////////
// Speed          Vehicle Speed (mph, 0 to 100)      60          //
// Grad           Road Gradient (% , 0 to 6)         0           //
// Sep1           Centerline Separation (feet)        84          //
//               with      >>      (Usually 23' for 2-lane, 38' //
//               median    >>      for 4-lane, 50' for 6-lane) //
// Dist1          Distance from observer to the      100         //
//               nearest lane centerline (>50') //
//               (used in calculations) //
// Dist2          Dist. from ROW to NLC              45          //
//               *** CNEL @ 100' (SOFT) 77.26 //
// VOL            TOTAL Vehicle Volume (two-way)     246,250 //
// ALPHA          Hard site=0, Soft site=0.5        0.5         //

```

DISTANCE FROM		RESULTS	DISTANCE FROM	
Cntrline	ROW		Centerline	ROW
*****	*****	<-- hard 60 CNEL soft --->	1,919	1838
*****	4867	65 CNEL	891	810
*****	1484	70 CNEL	413	333

```

//
// View          View Angle of Observer (180)        180         //
//               SHIELDING (adjust output by hand) //
//               ~~~~~ //
// Woods         Thickness of woodland between      0           //
//               observer and road (feet) //
// Cover         Percent view coverage between      0           //
//               observer and road (0-100) //
// Rows         Building rows between observer      0           //
//               and roadway (0-4). //
////////////////////////////////////

```