

RESULTS: BARRIER DESIGN**I-20 Widening**

ICA Engineering						20 April 2015				
Will Kerr/Wayne Hall						TNM 2.5				
RESULTS: BARRIER DESIGN						Calculated with TNM 2.5				
PROJECT/CONTRACT:		I-20 Widening								
RUN:		2037 SC 6 to Longs Pond Road - Wall 3								
BARRIER DESIGN:		INPUT HEIGHTS								
ATMOSPHERICS:		68 deg F, 50% RH								
Selected Receivers										
Name	No.									
		Calc	Noise Reduction		Barrier Reviewed		Important Segments		Partial	
		L _{Aeq1h}	Calc	Goal	Calc-Goal		Name	No.	Height	L _{Aeq1h}
		dBA	dB	dB	dB				ft	dBA
Receiver54	54	71.3	0.0	8	-8.0					
Receiver56	56	73.9	0.0	8	-8.0					
Receiver58	58	73.2	0.0	8	-8.0					
Receiver60	60	73.1	0.0	8	-8.0					
Receiver61	61	72.0	0.0	8	-8.0					
Receiver62	62	70.6	-0.0	8	-8.0					
Receiver63	63	71.6	0.0	8	-8.0					
Receiver65	65	69.3	-0.0	8	-8.0					
Receiver67	67	69.0	0.0	8	-8.0					
Receiver68	68	67.4	0.0	8	-8.0					
Receiver70	70	69.0	-0.0	8	-8.0					
Receiver74	74	71.5	-0.0	8	-8.0					
Receiver75	75	72.0	-0.0	8	-8.0					
Receiver76	76	73.8	-0.0	8	-8.0					
Receiver77	77	75.0	0.0	8	-8.0					
Receiver78	78	72.3	-0.0	8	-8.0					
Receiver80	80	74.7	-0.0	8	-8.0					
Receiver82	82	73.6	0.0	8	-8.0					
Receiver83	83	76.8	-0.0	8	-8.0					
Receiver84	84	69.8	-0.0	8	-8.0					
Receiver85	85	71.6	0.0	8	-8.0					

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Receiver87	87	66.9	0.0	8	-8.0					
Receiver89	89	77.0	-0.0	8	-8.0					
Receiver90	90	70.4	0.0	8	-8.0	Wall3	454+50.00	35	25.0	25.0
						Wall3	453+50.00	34	25.0	23.1
						Wall3	455+50.00	36	25.0	22.3
						Wall3	452+50.00	33	25.0	20.3
						Wall3	451+50.00	32	25.0	14.8
Receiver91	91	68.3	0.0	8	-8.0	Wall3	454+50.00	35	25.0	28.2
						Wall3	453+50.00	34	25.0	28.0
						Wall3	452+50.00	33	25.0	27.7
						Wall3	451+50.00	32	25.0	27.4
						Wall3	450+50.00	31	25.0	27.2
						Wall3	449+50.00	30	25.0	27.0
						Wall3	448+50.00	29	25.0	26.7
						Wall3	447+50.00	28	25.0	26.1
						Wall3	455+50.00	36	25.0	25.4
						Wall3	446+50.00	27	25.0	25.0
Receiver92	92	76.1	0.0	8	-8.0					
Receiver93	93	74.0	0.0	8	-8.0					
Receiver95	95	68.0	-0.0	8	-8.0	Wall3	454+50.00	35	25.0	31.4
						Wall3	453+50.00	34	25.0	31.0
						Wall3	452+50.00	33	25.0	30.7
						Wall3	451+50.00	32	25.0	30.3
						Wall3	450+50.00	31	25.0	29.9
						Wall3	449+50.00	30	25.0	29.6
						Wall3	448+50.00	29	25.0	29.2
						Wall3	447+50.00	28	25.0	28.9
						Wall3	455+50.00	36	25.0	28.7
						Wall3	446+50.00	27	25.0	28.7
Receiver96	96	71.4	-0.0	8	-8.0	Wall3	454+50.00	35	25.0	33.3
						Wall3	453+50.00	34	25.0	32.8
						Wall3	452+50.00	33	25.0	31.8
						Wall3	455+50.00	36	25.0	30.9
						Wall3	451+50.00	32	25.0	30.0
						Wall3	450+50.00	31	25.0	28.5
						Wall3	449+50.00	30	25.0	28.1

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						Wall3	448+50.00	29	25.0	27.3
						Wall3	447+50.00	28	25.0	25.1
						Wall3	446+50.00	27	25.0	21.8
Receiver97	97	72.0	-0.0	8	-8.0	Wall3	454+50.00	35	25.0	34.1
						Wall3	453+50.00	34	25.0	32.5
						Wall3	455+50.00	36	25.0	31.9
						Wall3	452+50.00	33	25.0	30.8
						Wall3	451+50.00	32	25.0	29.8
						Wall3	450+50.00	31	25.0	28.6
						Wall3	449+50.00	30	25.0	25.9
						Wall3	448+50.00	29	25.0	21.2
Receiver98	98	68.1	0.1	8	-7.9	Wall3	454+50.00	35	25.0	36.6
						Wall3	453+50.00	34	25.0	35.9
						Wall3	452+50.00	33	25.0	35.2
						Wall3	451+50.00	32	25.0	34.5
						Wall3	455+50.00	36	25.0	34.2
						Wall3	450+50.00	31	25.0	33.9
						Wall3	449+50.00	30	25.0	33.4
						Wall3	448+50.00	29	25.0	32.9
						Wall3	447+50.00	28	25.0	32.4
						Wall3	446+50.00	27	25.0	32.0
Receiver99	99	74.4	0.0	8	-8.0					
Receiver100	100	74.2	0.1	8	-7.9	Wall3	454+50.00	35	25.0	40.7
						Wall3	455+50.00	36	25.0	39.0
						Wall3	453+50.00	34	25.0	37.7
						Wall3	452+50.00	33	25.0	35.1
						Wall3	451+50.00	32	25.0	29.8
Receiver101	101	69.7	0.3	8	-7.7	Wall3	454+50.00	35	25.0	43.8
						Wall3	453+50.00	34	25.0	42.5
						Wall3	455+50.00	36	25.0	41.8
						Wall3	452+50.00	33	25.0	41.2
						Wall3	451+50.00	32	25.0	40.0
						Wall3	450+50.00	31	25.0	39.0
						Wall3	449+50.00	30	25.0	38.1
						Wall3	448+50.00	29	25.0	37.2
						Wall3	447+50.00	28	25.0	36.3

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						Wall3	446+50.00	27	25.0	35.6
Receiver102	102	73.4	-0.0	8	-8.0					
Receiver103	103	66.7	0.0	8	-8.0					
Receiver104	104	72.4	0.0	8	-8.0					
Receiver105	105	68.3	0.0	8	-8.0					
Receiver106	106	69.3	-0.0	8	-8.0					
Receiver107	107	55.4	20.5	8	12.5	Wall3	450+50.00	31	25.0	55.1
						Wall3	451+50.00	32	25.0	42.6
						Wall3	452+50.00	33	25.0	28.9
						Wall3	449+50.00	30	25.0	26.8
						Wall3	453+50.00	34	25.0	23.3
						Wall3	454+50.00	35	25.0	20.5
						Wall3	455+50.00	36	25.0	14.5
Receiver108	108	60.6	9.7	8	1.7	Wall3	450+50.00	31	25.0	50.3
						Wall3	449+50.00	30	25.0	49.7
						Wall3	451+50.00	32	25.0	49.6
						Wall3	448+50.00	29	25.0	48.2
						Wall3	452+50.00	33	25.0	48.1
						Wall3	447+50.00	28	25.0	46.6
						Wall3	453+50.00	34	25.0	46.5
						Wall3	446+50.00	27	25.0	45.3
						Wall3	454+50.00	35	25.0	44.8
						Wall3	445+50.00	26	25.0	44.1
Receiver109	109	59.6	9.5	8	1.5	Wall3	447+50.00	28	25.0	49.2
						Wall3	448+50.00	29	25.0	48.9
						Wall3	446+50.00	27	25.0	48.7
						Wall3	449+50.00	30	25.0	48.0
						Wall3	445+50.00	26	25.0	47.5
						Wall3	450+50.00	31	25.0	46.6
						Wall3	444+50.00	25	25.0	46.2
						Wall3	451+50.00	32	25.0	45.2
						Wall3	443+50.00	24	25.0	45.0
						Wall3	452+50.00	33	25.0	43.9
Receiver110	110	59.5	10.2	8	2.2	Wall3	446+50.00	27	25.0	50.1
						Wall3	445+50.00	26	25.0	49.8
						Wall3	447+50.00	28	25.0	49.1

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						Wall3	444+50.00	25	25.0	48.6
						Wall3	448+50.00	29	25.0	47.5
						Wall3	443+50.00	24	25.0	47.1
						Wall3	449+50.00	30	25.0	46.0
						Wall3	442+50.00	23	25.0	45.7
						Wall3	450+50.00	31	25.0	44.5
						Wall3	441+50.00	22	25.0	44.5
Receiver111	111	66.2	0.0	8	-8.0					
Receiver112	112	60.2	12.2	8	4.2	Wall3	444+50.00	25	25.0	53.6
						Wall3	443+50.00	24	25.0	52.7
						Wall3	445+50.00	26	25.0	50.9
						Wall3	442+50.00	23	25.0	49.5
						Wall3	446+50.00	27	25.0	48.0
						Wall3	441+50.00	22	25.0	47.2
						Wall3	447+50.00	28	25.0	45.8
						Wall3	440+50.00	21	25.0	45.5
						Wall3	448+50.00	29	25.0	44.0
						Wall3	439+50.00	20	25.0	43.9
Receiver113	113	59.4	10.2	8	2.2	Wall3	444+50.00	25	25.0	49.8
						Wall3	443+50.00	24	25.0	49.7
						Wall3	445+50.00	26	25.0	49.1
						Wall3	442+50.00	23	25.0	48.6
						Wall3	446+50.00	27	25.0	47.7
						Wall3	441+50.00	22	25.0	47.1
						Wall3	447+50.00	28	25.0	46.1
						Wall3	440+50.00	21	25.0	45.8
						Wall3	448+50.00	29	25.0	44.6
						Wall3	439+50.00	20	25.0	44.6
Receiver114	114	60.1	14.1	8	6.1	Wall3	442+50.00	23	25.0	56.1
						Wall3	443+50.00	24	25.0	53.4
						Wall3	441+50.00	22	25.0	50.6
						Wall3	444+50.00	25	25.0	47.9
						Wall3	440+50.00	21	25.0	46.8
						Wall3	445+50.00	26	25.0	45.0
						Wall3	439+50.00	20	25.0	44.5
						Wall3	446+50.00	27	25.0	42.9

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						Wall3	438+50.00	19	25.0	42.1
						Wall3	447+50.00	28	25.0	40.9
Receiver115	115	60.3	13.5	8	5.5	Wall3	441+50.00	22	25.0	56.0
						Wall3	440+50.00	21	25.0	52.9
						Wall3	442+50.00	23	25.0	51.6
						Wall3	439+50.00	20	25.0	48.6
						Wall3	443+50.00	24	25.0	47.5
						Wall3	438+50.00	19	25.0	45.7
						Wall3	444+50.00	25	25.0	44.9
						Wall3	437+50.00	18	25.0	43.5
						Wall3	445+50.00	26	25.0	42.9
						Wall3	436+50.00	17	25.0	41.5
Receiver116	116	68.1	0.0	8	-8.0					
Receiver117	117	60.5	13.1	8	5.1	Wall3	440+50.00	21	25.0	56.1
						Wall3	439+50.00	20	25.0	53.2
						Wall3	441+50.00	22	25.0	51.6
						Wall3	438+50.00	19	25.0	48.7
						Wall3	442+50.00	23	25.0	47.6
						Wall3	437+50.00	18	25.0	45.8
						Wall3	443+50.00	24	25.0	45.2
						Wall3	436+50.00	17	25.0	43.7
						Wall3	444+50.00	25	25.0	43.2
						Wall3	435+50.00	16	25.0	41.6
Receiver118	118	59.9	14.3	8	6.3	Wall3	439+50.00	20	25.0	56.4
						Wall3	438+50.00	19	25.0	53.5
						Wall3	440+50.00	21	25.0	49.9
						Wall3	437+50.00	18	25.0	47.6
						Wall3	441+50.00	22	25.0	45.7
						Wall3	436+50.00	17	25.0	44.3
						Wall3	442+50.00	23	25.0	43.1
						Wall3	435+50.00	16	25.0	41.7
						Wall3	443+50.00	24	25.0	40.9
						Wall3	434+50.00	15	25.0	39.5
Receiver119	119	60.1	13.2	8	5.2	Wall3	438+50.00	19	25.0	55.6
						Wall3	437+50.00	18	25.0	53.0
						Wall3	439+50.00	20	25.0	51.3

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						Wall3	436+50.00	17	25.0	48.4
						Wall3	440+50.00	21	25.0	47.4
						Wall3	435+50.00	16	25.0	45.4
						Wall3	441+50.00	22	25.0	44.8
						Wall3	434+50.00	15	25.0	42.9
						Wall3	442+50.00	23	25.0	42.9
						Wall3	443+50.00	24	25.0	41.2
Receiver120	120	58.7	9.5	8	1.5	Wall3	439+50.00	20	25.0	48.8
						Wall3	438+50.00	19	25.0	48.8
						Wall3	440+50.00	21	25.0	48.0
						Wall3	437+50.00	18	25.0	48.0
						Wall3	436+50.00	17	25.0	46.7
						Wall3	441+50.00	22	25.0	46.6
						Wall3	435+50.00	16	25.0	45.1
						Wall3	442+50.00	23	25.0	45.1
						Wall3	443+50.00	24	25.0	43.7
						Wall3	434+50.00	15	25.0	43.6
Receiver121	121	57.8	8.6	8	0.6	Wall3	439+50.00	20	25.0	47.0
						Wall3	438+50.00	19	25.0	46.8
						Wall3	440+50.00	21	25.0	46.5
						Wall3	437+50.00	18	25.0	46.3
						Wall3	441+50.00	22	25.0	45.5
						Wall3	436+50.00	17	25.0	45.4
						Wall3	442+50.00	23	25.0	44.3
						Wall3	435+50.00	16	25.0	44.1
						Wall3	443+50.00	24	25.0	43.1
						Wall3	434+50.00	15	25.0	42.8
Receiver122	122	59.8	14.3	8	6.3	Wall3	436+50.00	17	25.0	55.0
						Wall3	437+50.00	18	25.0	54.9
						Wall3	438+50.00	19	25.0	49.0
						Wall3	435+50.00	16	25.0	48.7
						Wall3	439+50.00	20	25.0	45.6
						Wall3	434+50.00	15	25.0	44.9
						Wall3	440+50.00	21	25.0	43.4
						Wall3	433+50.00	14	25.0	42.4
						Wall3	441+50.00	22	25.0	41.2

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						Wall3	432+50.00	13	25.0	40.4
Receiver123	123	58.9	9.8	8	1.8	Wall3	436+50.00	17	25.0	49.3
						Wall3	437+50.00	18	25.0	49.1
						Wall3	435+50.00	16	25.0	48.4
						Wall3	438+50.00	19	25.0	48.3
						Wall3	439+50.00	20	25.0	47.2
						Wall3	434+50.00	15	25.0	46.9
						Wall3	440+50.00	21	25.0	45.8
						Wall3	433+50.00	14	25.0	45.4
						Wall3	432+50.00	13	25.0	44.2
						Wall3	441+50.00	22	25.0	44.2
Receiver124	124	59.9	12.7	8	4.7	Wall3	435+50.00	16	25.0	53.8
						Wall3	436+50.00	17	25.0	53.4
						Wall3	434+50.00	15	25.0	50.1
						Wall3	437+50.00	18	25.0	49.7
						Wall3	438+50.00	19	25.0	47.2
						Wall3	433+50.00	14	25.0	47.1
						Wall3	439+50.00	20	25.0	45.3
						Wall3	432+50.00	13	25.0	44.8
						Wall3	440+50.00	21	25.0	43.6
						Wall3	431+50.00	12	25.0	42.8
Receiver125	125	59.8	12.0	8	4.0	Wall3	434+50.00	15	25.0	53.0
						Wall3	435+50.00	16	25.0	52.3
						Wall3	433+50.00	14	25.0	50.6
						Wall3	436+50.00	17	25.0	49.5
						Wall3	432+50.00	13	25.0	47.9
						Wall3	437+50.00	18	25.0	47.3
						Wall3	431+50.00	12	25.0	45.7
						Wall3	438+50.00	19	25.0	45.6
						Wall3	439+50.00	20	25.0	44.1
						Wall3	430+50.00	11	25.0	43.4
Receiver126	126	58.7	9.4	8	1.4	Wall3	434+50.00	15	25.0	48.4
						Wall3	435+50.00	16	25.0	48.3
						Wall3	433+50.00	14	25.0	47.8
						Wall3	436+50.00	17	25.0	47.7
						Wall3	432+50.00	13	25.0	46.9

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						Wall3	437+50.00	18	25.0	46.5
						Wall3	431+50.00	12	25.0	45.4
						Wall3	438+50.00	19	25.0	45.3
						Wall3	439+50.00	20	25.0	44.2
						Wall3	430+50.00	11	25.0	43.8
Receiver127	127	57.9	8.1	8	0.1	Wall3	435+50.00	16	25.0	46.3
						Wall3	434+50.00	15	25.0	46.1
						Wall3	436+50.00	17	25.0	46.0
						Wall3	433+50.00	14	25.0	45.7
						Wall3	437+50.00	18	25.0	45.3
						Wall3	432+50.00	13	25.0	45.2
						Wall3	438+50.00	19	25.0	44.4
						Wall3	431+50.00	12	25.0	44.2
						Wall3	439+50.00	20	25.0	43.6
						Wall3	430+50.00	11	25.0	42.8
Receiver128	128	60.1	13.1	8	5.1	Wall3	433+50.00	14	25.0	54.5
						Wall3	432+50.00	13	25.0	53.9
						Wall3	434+50.00	15	25.0	50.3
						Wall3	431+50.00	12	25.0	49.6
						Wall3	435+50.00	16	25.0	47.4
						Wall3	430+50.00	11	25.0	46.2
						Wall3	436+50.00	17	25.0	45.5
						Wall3	437+50.00	18	25.0	43.7
						Wall3	429+50.00	10	25.0	43.7
						Wall3	438+50.00	19	25.0	42.2
Receiver129	129	67.2	0.0	8	-8.0					
Receiver130	130	75.1	-0.0	8	-8.0					
Receiver131	131	59.5	12.3	8	4.3	Wall3	432+50.00	13	25.0	52.8
						Wall3	431+50.00	12	25.0	52.1
						Wall3	433+50.00	14	25.0	50.3
						Wall3	430+50.00	11	25.0	48.9
						Wall3	434+50.00	15	25.0	47.7
						Wall3	429+50.00	10	25.0	46.2
						Wall3	435+50.00	16	25.0	46.0
						Wall3	436+50.00	17	25.0	44.6
						Wall3	428+50.00	9	25.0	43.8

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						Wall3	437+50.00	18	25.0	43.1
Receiver132	132	58.9	9.4	8	1.4	Wall3	432+50.00	13	25.0	49.1
						Wall3	431+50.00	12	25.0	48.9
						Wall3	433+50.00	14	25.0	48.1
						Wall3	430+50.00	11	25.0	47.6
						Wall3	434+50.00	15	25.0	46.8
						Wall3	429+50.00	10	25.0	45.8
						Wall3	435+50.00	16	25.0	45.6
						Wall3	436+50.00	17	25.0	44.5
						Wall3	428+50.00	9	25.0	44.1
						Wall3	437+50.00	18	25.0	43.3
Receiver133	133	59.8	14.3	8	6.3	Wall3	431+50.00	12	25.0	55.5
						Wall3	430+50.00	11	25.0	54.0
						Wall3	432+50.00	13	25.0	49.8
						Wall3	429+50.00	10	25.0	47.9
						Wall3	433+50.00	14	25.0	46.1
						Wall3	428+50.00	9	25.0	44.4
						Wall3	434+50.00	15	25.0	43.8
						Wall3	435+50.00	16	25.0	42.1
						Wall3	427+50.00	8	25.0	41.9
						Wall3	436+50.00	17	25.0	40.6
Receiver134	134	58.2	8.0	8	-0.0	Wall3	432+50.00	13	25.0	46.8
						Wall3	431+50.00	12	25.0	46.7
						Wall3	433+50.00	14	25.0	46.2
						Wall3	430+50.00	11	25.0	46.0
						Wall3	434+50.00	15	25.0	45.4
						Wall3	429+50.00	10	25.0	44.8
						Wall3	435+50.00	16	25.0	44.6
						Wall3	436+50.00	17	25.0	43.8
						Wall3	428+50.00	9	25.0	43.3
						Wall3	437+50.00	18	25.0	42.7
Receiver135	135	58.6	7.4	8	-0.6	Wall3	430+50.00	11	25.0	46.9
						Wall3	431+50.00	12	25.0	46.6
						Wall3	429+50.00	10	25.0	46.6
						Wall3	432+50.00	13	25.0	45.8
						Wall3	428+50.00	9	25.0	45.7

RESULTS: BARRIER DESIGN
I-20 Widening

						Wall3	433+50.00	14	25.0	44.6
						Wall3	427+50.00	8	25.0	44.4
						Wall3	434+50.00	15	25.0	43.5
						Wall3	426+50.00	7	25.0	42.9
						Wall3	435+50.00	16	25.0	42.6
Receiver136	136	73.2	-0.0	8	-8.0					
Receiver137	137	74.2	-0.0	8	-8.0	Wall3	421+50.00	1	25.0	43.6
						Wall3	422+50.00	3	25.0	41.5
						Wall3	423+50.00	4	25.0	39.7
						Wall3	424+50.00	5	25.0	38.0
						Wall3	425+50.00	6	25.0	35.7
						Wall3	426+50.00	7	25.0	33.0
						Wall3	427+50.00	8	25.0	29.7
						Wall3	428+50.00	9	25.0	21.3
Receiver138	138	72.6	-0.0	8	-8.0	Wall3	421+50.00	1	25.0	35.8
						Wall3	422+50.00	3	25.0	34.6
						Wall3	423+50.00	4	25.0	33.5
						Wall3	424+50.00	5	25.0	31.7
						Wall3	425+50.00	6	25.0	29.9
						Wall3	426+50.00	7	25.0	28.6
						Wall3	427+50.00	8	25.0	26.5
						Wall3	428+50.00	9	25.0	22.2
Receiver139	139	69.3	-0.0	8	-8.0	Wall3	421+50.00	1	25.0	37.7
						Wall3	422+50.00	3	25.0	36.6
						Wall3	423+50.00	4	25.0	35.5
						Wall3	424+50.00	5	25.0	34.6
						Wall3	425+50.00	6	25.0	33.8
						Wall3	426+50.00	7	25.0	33.1
						Wall3	427+50.00	8	25.0	32.5
						Wall3	428+50.00	9	25.0	32.1
						Wall3	429+50.00	10	25.0	31.7
						Wall3	430+50.00	11	25.0	31.3
Receiver140	140	66.4	0.0	8	-8.0	Wall3	421+50.00	1	25.0	37.7
						Wall3	422+50.00	3	25.0	36.7
						Wall3	423+50.00	4	25.0	35.8
						Wall3	424+50.00	5	25.0	35.0

RESULTS: BARRIER DESIGN
I-20 Widening

						Wall3	425+50.00	6	25.0	34.2
						Wall3	426+50.00	7	25.0	33.5
						Wall3	427+50.00	8	25.0	33.0
						Wall3	428+50.00	9	25.0	32.6
						Wall3	429+50.00	10	25.0	32.2
						Wall3	430+50.00	11	25.0	31.9
Receiver141	141	71.1	-0.0	8	-8.0					
Receiver142	142	71.0	0.0	8	-8.0	Wall3	421+50.00	1	25.0	32.8
						Wall3	422+50.00	3	25.0	31.9
						Wall3	423+50.00	4	25.0	31.1
						Wall3	424+50.00	5	25.0	30.4
						Wall3	425+50.00	6	25.0	29.4
						Wall3	426+50.00	7	25.0	27.8
						Wall3	427+50.00	8	25.0	26.3
						Wall3	428+50.00	9	25.0	25.9
						Wall3	429+50.00	10	25.0	25.0
						Wall3	430+50.00	11	25.0	22.7
Receiver143	143	68.1	0.0	8	-8.0	Wall3	421+50.00	1	25.0	35.0
						Wall3	422+50.00	3	25.0	34.1
						Wall3	423+50.00	4	25.0	33.3
						Wall3	424+50.00	5	25.0	32.5
						Wall3	425+50.00	6	25.0	31.9
						Wall3	426+50.00	7	25.0	31.3
						Wall3	427+50.00	8	25.0	30.8
						Wall3	428+50.00	9	25.0	30.5
						Wall3	429+50.00	10	25.0	30.2
						Wall3	430+50.00	11	25.0	29.9
Receiver144	144	65.4	0.0	8	-8.0	Wall3	421+50.00	1	25.0	35.5
						Wall3	422+50.00	3	25.0	34.6
						Wall3	423+50.00	4	25.0	33.8
						Wall3	424+50.00	5	25.0	33.1
						Wall3	425+50.00	6	25.0	32.5
						Wall3	426+50.00	7	25.0	32.0
						Wall3	427+50.00	8	25.0	31.5
						Wall3	428+50.00	9	25.0	31.2
						Wall3	429+50.00	10	25.0	30.9

RESULTS: BARRIER DESIGN**I-20 Widening**

						Wall3	430+50.00	11	25.0	30.6
Receiver145	145	66.7	-0.0	8	-8.0					
Receiver146	146	77.0	0.0	8	-8.0					
Receiver147	147	71.8	-0.0	8	-8.0					
Receiver148	148	68.1	0.0	8	-8.0					
Receiver149	149	68.6	0.0	8	-8.0					
Receiver150	150	74.2	0.0	8	-8.0					
Receiver151	151	66.9	-0.0	8	-8.0					
Receiver153	153	68.2	-0.0	8	-8.0					
Receiver154	154	76.3	0.0	8	-8.0					
Total Cost, All Barriers (including additional cost(s))					\$0					