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2033 AM PEAK FLOW COMPARISON BY TURNING MOVEMENTS								
CROSSROAD	NO.	FROM	TO	DIRECTION FROM	DIRECTION TO	2033 BASE FLOW	2033 WITH MITIGATION FLOW	DIFFERENCE
						N [veh]	N [veh]	N [veh]
NORTHERN ROUNDABOUT	1	1	2	A259 Littlehampton	Titnore Lane	55	55	0
	2	1	3	A259 Littlehampton	A2032 Littlehampton Road	644	594	-50
	3	1	4	A259 Littlehampton	A259 Goring	520	473	-47
	4	1	1	A259 Littlehampton	A259 Littlehampton	7	11	+4
	5	2	3	Titnore Lane	A2032 Littlehampton Road	64	75	+11
	6	2	4	Titnore Lane	A259 Goring	249	293	+44
	7	2	1	Titnore Lane	A259 Littlehampton	37	45	+8
	8	3	4	A2032 Littlehampton Road	A259 Goring	188	238	+50
	9	3	1	A2032 Littlehampton Road	A259 Littlehampton	595	652	+57
	10	3	2	A2032 Littlehampton Road	Titnore Lane	91	91	0
	11	4	1	A259 Goring	A259 Littlehampton	510	525	+15
	12	4	2	A259 Goring	Titnore Lane	334	392	+58
	13	4	3	A259 Goring	A2032 Littlehampton Road	428	490	+62
	14	4	4	A259 Goring	A259 Goring	0	83 (U-TURNS)	+83
THE STRAND	15	13	14	A259 Goring S	The Strand	96	-	-
	16	13	15	A259 Goring S	A259 Goring N	1219	1496	+277
	17	14	13	The Strand	A259 Goring S	221	178	-43
	18	14	15	The Strand	A259 Goring N	54	-	-
	19	15	14	A259 Goring N	The Strand	32	104	+72
GORING STREET	20	15	13	A259 Goring N	A259 Goring S	922	979	+57
	21	5	6	A259 Goring N	Goring Street	44	77	+33
	22	5	7	A259 Goring N	A259 Goring S	1096	1028	-68
	23	7	6	A259 Goring S	Goring Street	15	46	+31
	24	7	5	A259 Goring S	A259 Goring N	1268	1256	-12
	25	6	5	Goring Street	A259 Goring N	47	192	+145
	26	6	7	Goring Street	A259 Goring S	1	83	+82
27	5	5	A259 Goring N	A259 Goring N	0	55 (U-TURNS)	+55	
SOUTHERN ROUNDABOUT	28	8	9	Goring Way (W)	Aldsworth Avenue	33	31	-2
	29	8	10	Goring Way (W)	A259 Goring Way (E)	215	207	-8
	30	8	11	Goring Way (W)	A259 Goring N	301	278	-23
	31	8	8	Goring Way (W)	Goring Way (W)	8	11	+3
	32	9	8	Aldsworth Avenue	Goring Way (W)	33	36	+3
	33	9	9	Aldsworth Avenue	Aldsworth Avenue	1	3	+2
	34	9	10	Aldsworth Avenue	A259 Goring Way (E)	35	42	+7
	35	9	11	Aldsworth Avenue	A259 Goring N	202	207	+5
	36	10	9	A259 Goring Way (E)	Aldsworth Avenue	10	14	+4
	37	10	8	A259 Goring Way (E)	Goring Way (W)	90	99	+9
	38	10	11	A259 Goring Way (E)	A259 Goring N	739	767	+28
	39	11	10	A259 Goring N	A259 Goring Way (E)	669	700	+31
	40	11	9	A259 Goring N	Aldsworth Avenue	136	133	-3
	41	11	8	A259 Goring N	Goring Way (W)	282	269	-13
	42	11	11	A259 Goring N	A259 Goring N	0	7	+7

MODEL RESULTS COMPARISONS

43	12	10	Ardingly Drive	A259 Goring Way (E)	39	40	+1
44	12	9	Ardingly Drive	Aldsworth Avenue	19	18	-1
45	12	8	Ardingly Drive	Goring Way (W)	14	15	+1
46	12	11	Ardingly Drive	A259 Goring N	45	46	+1

2033 PM PEAK FLOW COMPARISON BY TURNING MOVEMENTS

CROSSROAD	NO.	FROM	TO	DIRECTION FROM	DIRECTION TO	2033 BASE FLOW	2033 WITH MITIGATION FLOW	DIFFERENCE
						N [veh]	N [veh]	N
NOTHERN ROUNDABOUT	1	1	2	A259 Littlehampton	Titnore Lane	117	107	-10
	2	1	3	A259 Littlehampton	A2032 Littlehampton Road	816	728	-88
	3	1	4	A259 Littlehampton	A259 Goring	595	527	-68
	4	1	1	A259 Littlehampton	A259 Littlehampton	2	9	+7
	5	2	3	Titnore Lane	A2032 Littlehampton Road	99	110	+11
	6	2	4	Titnore Lane	A259 Goring	335	430	+95
	7	2	1	Titnore Lane	A259 Littlehampton	52	63	+11
	8	3	4	A2032 Littlehampton Road	A259 Goring	264	386	+122
	9	3	1	A2032 Littlehampton Road	A259 Littlehampton	750	864	+114
	10	3	2	A2032 Littlehampton Road	Titnore Lane	88	99	+11
	11	4	1	A259 Goring	A259 Littlehampton	516	563	+47
	12	4	2	A259 Goring	Titnore Lane	377	441	+64
	13	4	3	A259 Goring	A2032 Littlehampton Road	267	328	+61
	14	4	4	A259 Goring	A259 Goring	0	138 (U-TURNS)	+138
THE STRAND	15	13	14	A259 Goring S	The Strand	125	-	
	16	13	15	A259 Goring S	A259 Goring N	1120	1469	+349
	17	14	13	The Strand	A259 Goring S	103	149	+46
	18	14	15	The Strand	A259 Goring N	41	-	
	19	15	14	A259 Goring N	The Strand	108	239	+131
GORING STREET	20	15	13	A259 Goring N	A259 Goring S	1086	1241	+155
	21	5	6	A259 Goring N	Goring Street	29	157	+128
	22	5	7	A259 Goring N	A259 Goring S	1159	1194	+35
	23	7	6	A259 Goring S	Goring Street	8	91	+83
	24	7	5	A259 Goring S	A259 Goring N	1215	1298	+83
	25	6	5	Goring Street	A259 Goring N	34	132	+98
	26	6	7	Goring Street	A259 Goring S	3	67	+64
27	5	5	A259 Goring N	A259 Goring N	0	45 (U-TURNS)	+45	
HERN ROUNDABOUT	28	8	9	Goring Way (W)	Aldsworth Avenue	14	18	+4
	29	8	10	Goring Way (W)	A259 Goring Way (E)	146	184	+38
	30	8	11	Goring Way (W)	A259 Goring N	225	265	+40
	31	8	8	Goring Way (W)	Goring Way (W)	4	8	+4
	32	9	8	Aldsworth Avenue	Goring Way (W)	38	45	+7
	33	9	9	Aldsworth Avenue	Aldsworth Avenue	1	2	+1
	34	9	10	Aldsworth Avenue	A259 Goring Way (E)	31	42	+11
	35	9	11	Aldsworth Avenue	A259 Goring N	186	199	+13
	36	10	9	A259 Goring Way (E)	Aldsworth Avenue	9	13	+4
	37	10	8	A259 Goring Way (E)	Goring Way (W)	103	119	+16
	38	10	11	A259 Goring Way (E)	A259 Goring N	753	843	+90
	39	11	10	A259 Goring N	A259 Goring Way (E)	724	795	+71

SOUT	40	11	9	A259 Goring N	Aldsworth Avenue	110	111	+1
	41	11	8	A259 Goring N	Goring Way (W)	335	347	+12
	42	11	11	A259 Goring N	A259 Goring N	0	7	+7
	43	12	10	Ardingly Drive	A259 Goring Way (E)	32	33	+1
	44	12	9	Ardingly Drive	Aldsworth Avenue	6	7	+1
	45	12	8	Ardingly Drive	Goring Way (W)	25	28	+3
	46	12	11	Ardingly Drive	A259 Goring N	70	72	+2

2033 AM PEAK FLOW COMPARISON

NO.	ARM	MODELLED FLOW BASE	MODELLED FLOW WITH MITIGATION	FLOW CHANGE
1	NORTHERN ROUNDABOUT	3722	4017	+295
2	THE STRAND	2544	2757	+213
3	GORING STREET	2471	2737	+266
4	SOUTHERN ROUNDABOUT	2871	2945	+74

2033 PM PEAK FLOW COMPARISON

NO.	ARM	MODELLED FLOW BASE	MODELLED FLOW WITH MITIGATION	FLOW CHANGE
1	NORTHERN ROUNDABOUT	4278	4793	+515
2	THE STRAND	2583	3098	+515
3	GORING STREET	2448	2984	+536
4	SOUTHERN ROUNDABOUT	2812	3172	+360

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2033 AM PEAK QUEUE COMPARISON					
NO.	ARM	BASE		WITH MITIGATION	
		N AVG [veh]	N MAX [veh]	N AVG [veh]	N MAX [veh]
1	A259 Littlehampton Road	193	362	229	425
2	Titnore Lane	32	54	2	10
3	A2032 Littlehampton Road	67	147	60	128
4	A259 Goring Street	2	19	0	13
13	A259 Goring Street S	0	2	0	0
14	The Strand	28	84	56	91
15	A259 Goring Street N	7	35	15	45
5	A259 Goring Street N	0	3	7	9
6	Goring Street	5	12	0	6
7	A259 Goring Street S	1	29	0	6
8	Goring Way (W)	33	67	56	100
9	Aldsworth Avenue	7	22	6	26
10	A259 Goring Way (E)	12	50	9	49
11	A259 Goring Street N	57	75	49	66
12	Ardingly Drive	1	9	3	21

2033 PM PEAK QUEUE COMPARISON					
NO.	ARM	BASE		WITH MITIGATION	
		N AVG [veh]	N MAX [veh]	N AVG [veh]	N MAX [veh]
1	A259 Littlehampton Road	88	163	143	280
2	Titnore Lane	41	77	9	27
3	A2032 Littlehampton Road	61	109	7	28
4	A259 Goring Street	22	35	0	6
13	A259 Goring Street S	1	8	0	1
14	The Strand	3	14	1	7
15	A259 Goring Street N	0	12	0	9
5	A259 Goring Street N	0	2	0	7
6	Goring Street	0	3	0	4
7	A259 Goring Street S	28	65	1	27
8	Goring Way (W)	35	79	7	26
9	Aldsworth Avenue	15	33	12	31
10	A259 Goring Way (E)	82	172	70	161
11	A259 Goring Street N	1	26	2	36
12	Ardingly Drive	0	4	1	4

2033 AM PEAK TRAVEL TIMES ON SAMPLE ROUTES								
DIRECTION	NO.	FROM	TO	DIRECTION FROM	DIRECTION TO	2033 BASE TT	2033 WITH MITIGATION TT	DIFFERENCE
						T avg [s]	T avg [s]	T [s]
SOUTHBOUND	1	1	10	A259 Littlehampton	A259 Goring Way (E)	933.37	1142.12	+209
	2	2	8	Titnore Lane	Goring Way (W)	404.33	260.76	-144
	3	3	9	A2032 Littlehampton Road	Aldsworth Avenue	240.58	223.68	-17
	4	3	14	A2032 Littlehampton Road	The Strand	104.60	56.90	-48
NORTHBOUND	1	8	2	Goring Way (W)	Titnore Lane	220.18	226.29	+6
	2	9	3	Aldsworth Avenue	A2032 Littlehampton Road	195.14	146.73	-48
	3	10	1	A259 Goring Way (E)	A259 Littlehampton	118.14	111.90	-6
	4	14	3	The Strand	A2032 Littlehampton Road	259.67	519.92	+260

2033 PM PEAK TRAVEL TIMES ON SAMPLE ROUTES								
DIRECTION	NO.	FROM	TO	DIRECTION FROM	DIRECTION TO	2033 BASE TT	2033 WITH MITIGATION TT	DIFFERENCE
						T avg [s]	T avg [s]	T [s]
SOUTHBOUND	1	1	10	A259 Littlehampton	A259 Goring Way (E)	348.03	580.73	+233
	2	2	8	Titnore Lane	Goring Way (W)	311.46	164.21	-147
	3	3	9	A2032 Littlehampton Road	Aldsworth Avenue	155.26	126.65	-29
	4	3	14	A2032 Littlehampton Road	The Strand	98.45	68.38	-30
NORTHBOUND	1	8	2	Goring Way (W)	Titnore Lane	219.84	127.26	-93
	2	9	3	Aldsworth Avenue	A2032 Littlehampton Road	289.86	240.01	-50
	3	10	1	A259 Goring Way (E)	A259 Littlehampton	279.22	182.61	-97
	4	14	3	The Strand	A2032 Littlehampton Road	310.29	92.65	-218

2033 AM NETWORK PERFOR

attribute	StopsAvg(All)	SpeedAvg(All)	DelayStopAvg(All)	DistTot(All)	TravTmTot(All)	DelayTot(All)
unit	<i>N</i>	<i>km/h</i>	<i>s</i>	<i>km</i>	<i>s</i>	<i>s</i>
BASE	31	18	158	15372	3077785	2319149
WITH MITIGATION	31	16	200	15469	3408916	2635758

2033 PM NETWORK PERFOR

attribute	StopsAvg(All)	SpeedAvg(All)	DelayStopAvg(All)	DistTot(All)	TravTmTot(All)	DelayTot(All)
unit	<i>N</i>	<i>km/h</i>	<i>s</i>	<i>km</i>	<i>s</i>	<i>s</i>
BASE	22	26	89	17292	2440153	1598712
WITH MITIGATION	15	30	78	18143	2196097	1291244

MANCE COMPARISON

StopsTot(All)	DelayStopTot(All)	VehAct(All)	VehArr(All)	DelayLatent	DelayAvg(All)	DemandLatent
<i>N</i>	<i>s</i>	<i>N</i>	<i>N</i>	<i>s</i>	<i>s</i>	<i>N</i>
184842	932760	1388	4505	666	393	2
189714	1228726	1447	4679	80822	430	93

MANCE COMPARISON

StopsTot(All)	DelayStopTot(All)	VehAct(All)	VehArr(All)	DelayLatent	DelayAvg(All)	DemandLatent
<i>N</i>	<i>s</i>	<i>N</i>	<i>N</i>	<i>s</i>	<i>s</i>	<i>N</i>
128612	523576	982	4918	11245	271	12
95566	494242	870	5436	4163	204	8