

Appendix 6.4

In Combination Traffic Demand

Traffic Demand

Activities	Months		
	1	2	3
MTS Wilton - HGVs per month	0	120	120
MTS Tocketts Lythe - HGVs per month	0	30	753
MTS Lockwood Beck - HGVs per month	0	38	984
MTS Ladycross Plantation - HGVs per month	0	22	786
MTS Doves Nest - HGVs per month	0	26	14
Minehead - HGVs per month	66	1673	1661
Spoil / polyhalite - HGVs per month	0	0	0
Harbour Facilities- HGVs per month	0	0	0
Conveyor - HGVs per month	0	0	0
MHF - HGVs per month	0	0	0
Total daily (two-way) MTS HGV movements + contingency	0	13	146
Total daily (two-way) mine HGV movement + contingency	4	100	100
Total daily (two-way) spoil HGV movements + contingency	0	0	0
Total daily (two-way) Harbour HGV movements + contingency	0	0	0
Total daily (two-way) Conveyor Belt movements + contingency	0	0	0
Total daily (two-way) MHF HGV movments + contingency	0	0	0
Mine, Spoil, MTS - Total (two-way) HGV movements per day	4	113	246
Mine, Spoil, Doves Nest (two-way) HGV movements per day	4	102	100
Mine, Spoil - Total (two-way) HGV movements per day	4	100	100
Mine, Spoil, MTS, Harbour Total (two-way) HGV movements per day	4	113	246
Mine, Spoil, MTS, MHF, Harbour Total (two-way) HGV movements per day	4	113	246

Days per month	20.0
Minehead contingency (1-14)	1.20
Minehead contingency (15-40)	1.40
Minehead contingency (41-49)	1.10
Spoil contingency	1.00
Polyhalite contingency	1.00
MTS contingency	1.10
MHF contingency	1.075
Harbour contingency (inc. contingency)	1.20

Peak period	
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Key

Peak demand per activity
Period 1
Peak demand per activity within Period 1
Period 2
Peak demand per activity within Period 2
Period 3
Peak demand per activity within Period 3

CONSTRUCTION

Months					
11	12	13	14	15	16
791	798	100	72	849	883
187	187	185	143	141	139
415	352	275	199	206	210
395	260	255	209	205	207
286	195	123	123	131	121
1424	1207	1218	1235	1203	1170
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	624	754	1226	1050
114	99	52	41	84	86
85	72	73	74	84	82
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	34	41	66	56
200	171	125	115	168	168
101	83	80	61	91	89
76	98	102	107	115	
85	72	73	74	84	82
209	171	125	115	168	168
200	171	158	156	234	224

Months					
17	18	19	20	21	
1045	1038	1044	1050	1046	
169	224	434	454	464	
200	204	448	475	339	
199	204	420	452	340	
121	151	258	342	420	
985	820	782	803	828	
0	640	640	640	640	
0	0	0	0	0	
0	0	0	0	0	
1010	1370	1214	1048	1024	
95	100	143	153	143	
69	57	55	56	58	
0	32	32	32	32	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
54	74	65	56	55	
164	190	231	241	233	
108	103	112	113	119	119
96	91	92	94	93	93
164	190	231	241	233	
219	263	296	297	288	

Months					
22	23	24	25	26	27
994	1004	999	1006	988	192
266	502	492	515	538	566
226	205	253	543	570	586
364	416	482	455	470	529
336	222	369	351	471	483
823	846	856	879	870	867
640	640	640	640	640	640
0	0	0	0	0	0
0	0	0	0	113	230
710	428	908	1068	1184	1060
120	129	143	158	167	130
58	59	60	62	61	61
32	32	32	32	32	32
0	0	0	0	0	0
0	0	0	0	7	14
38	23	49	57	64	57
210	220	235	251	260	222
108	103	112	113	119	119
96	91	92	94	93	93
210	220	235	251	267	236
248	243	263	309	330	293

Months					
28	29	30	31	32	33
182	36	37	101	126	91
591	607	594	583	553	52
623	636	659	660	705	712
566	582	597	605	639	658
486	471	467	483	472	477
889	896	901	918	922	873
640	640	640	640	640	640
20	20	80	383	589	589
300	300	519	406	406	289
1078	866	754	444	968	852
135	128	129	134	137	109
62	63	63	64	65	61
32	32	32	32	32	32
1	1	5	23	35	35
18	18	31	24	24	17
58	47	41	24	52	46
229	223	225	230	234	203
121	121	121	123	123	119
94	95	95	96	97	92
248	242	269	277	293	255
306	289	301	301	346	301

Months																								TOTAL	MAX
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	TOTAL	MAX
38	22	2	2	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18364	1050
169	100	87	47	453	367	367	367	340	340	340	340	340	340	342	8	8	0	0	0	0	0	0	0	17162	779
734	449	750	475	782	498	466	441	392	390	390	390	408	390	0	0	0	0	0	0	0	0	0	0	23183	1103
680	655	661	421	170	338	98	42	6	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18396	879
39	220	143	231	62	28	38	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9720	486
877	861	912	879	883	884	436	442	349	309	336	368	362	257	284	441	183	213	273	182	201	266	273	492	48453	1686
640	640	640	641	640	640	2000	2000	2000	2000	2000	2000	2000	2000	1641	1644	1642	1644	1642	1644	1642	1644	1642	1645	47150	2000
397	181	181	29	29	29	29	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2966	589
289	289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3430	519
1058	748	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22872	1412
91	80	90	65	82	68	53	47	41	41	40	40	41	40	0	0	0	0	0	0	0	0	0	0		
61	60	64	62	62	62	24	24	19	17	18	20	20	14	16	22	9	11	14	9	10	13	14	25		
32	32	32	32	32	32	100	100	100	100	100	100	100	100	82	82	82	82	82	82	82	82	82	82		
24	11	11	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
57	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
185	172	186	158	175	162	177	171	160	158	159	160	161	154	98	105	91	93	96	91	92	96	96	107		
96	104	104	106	97	95	126	124	119	117	118	120	120	114	98	106	92	94	97	92	93	97	97	108		
93	92	96	94	94	94	124	124	119	117	118	120	120	114	98	104	91	93	96	91	92	96	96	107		
226	200	197	160	177	163	179	172	160	158	159	160	161	154	98	105	91	93	96	91	92	96	96	107		
283	240	198	160	177	163	179	172	160	158	159	160	161	154	98	105	91	93	96	91	92	96	96	107		