

## Approach

The following tables set out sequential visual impacts that would occur along selected linear visual receptors as a result of construction phase activity at the minehead and MTS intermediate shaft sites (Lady Cross Plantation, Lockwood Beck and Tocketts Lythe). Impacts are reported as a change from the 2014 baseline condition of views obtained from the routes.

The following linear receptors have been assessed:

- A169 northbound
- A171 eastbound
- A171 westbound
- Cleveland Way National Trail
- National Cycle Route 1
- Regional Cycle Route 165
- Coast to Coast Walk

For driving receptors (A169, A171 eastbound and A171 westbound) when a project site has passed beyond the perpendicular view in the direction of travel it is assumed to be behind the viewer and is excluded from further assessment, unless the direction of the road changes and brings the site back into view. For other receptors views in both directions of travel have been considered.

Different average speeds of movement have been given to walkers, cyclists and motorists. The average speed of receptors used in assessing the duration of impacts is given at the head of each table below.

The following abbreviations have been used for project sites within the tables below:

LCP – Lady Cross Plantation intermediate MTS shaft site

LB – Lockwood Beck intermediate MTS shaft site

TL – Tocketts Lythe intermediate MTS shaft site

## Assessment of Significance

Sensitivity and magnitude of change values are combined using professional judgement to identify the significance of change likely to arise from the development for each receptor. Significance of change is reported as being **negligible**, **minor**, **minor moderate**, **moderate**, **moderate major** or **major** and as being either **beneficial** or **adverse**. The following colour system is used to highlight significance values in the tables below:

Moderate/ moderate major beneficial/ major beneficial	
Minor moderate beneficial/ minor beneficial	
Negligible beneficial/ no change	

Moderate adverse/ moderate major adverse/ major adverse	
Minor moderate adverse/ minor adverse	
Negligible adverse/ no change	

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>A169 Road (northbound) (60kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
N1	No change	No change	4613.6	4:36 (276 sec)
N2	Distant forward glimpsed view of LCP winding tower Negligible adverse	Negligible adverse	70.3	0:04 (4 sec)
N3	No change	No change	2162.9	2:09 (129 sec)
N4	Distant forward view to LCP winding tower Negligible low adverse	Minor adverse	1887.7	1:53 (113 sec)
N5	No change	No change	1224.2	1:13 (73 sec)
N6	Distant slightly oblique view to LCP winding tower Negligible low adverse	Minor adverse	911.3	0:54 (54 sec)
N7	No change	No change	2617.3	2:37 (157 sec)
N8	Oblique and perpendicular open view to minehead winding towers Low adverse	Minor moderate adverse	3710.7	3:42 (222 sec)
N9	Partially filtered perpendicular views to minehead winding towers Negligible low adverse	Minor adverse	256.3	0:15 (15 sec)
N10	No change	No change	1454.5	1:27 (87 sec)
N11	Glimpsed perpendicular distant view to LCP winding tower Negligible adverse	Negligible adverse	40.6	0:02 (2 sec)
N12	No change	No change	2568.0	2:34 (154 sec)

**A169 road (northbound)**

Total route duration within study area: 21517.3m (21 minutes 26 seconds)

Total duration of route with visible elements: 6876.9m (6 minutes 50 seconds)

Journey duration of significant adverse impacts: None applicable

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>A171 Road (eastbound) (60kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
E1	No change	No change	5196.7	5:17 (317 sec)
E2	Forward views to LB winding tower and of ground level activity as road directly passes construction platform Range from low to high adverse	Range from minor to major adverse	1924.6	1:55 (115 sec)
E3	No change	No change	4499.2	4:29 (269 sec)
E4	Long distance views of minehead and LCP winding towers Negligible adverse	Negligible adverse	103.6	0:06 (6 sec)
E5	No change	No change	592.6	0:35 (35 sec)
E6	Long distance views of Minehead and LCP winding towers Negligible adverse	Negligible adverse	249.7	0:14 (14 sec)
E7	Distant views of LCP winding tower Negligible adverse	Negligible adverse	285.1	0:17 (17 sec)
E8	No change	No change	8159.7	8:09 (489 sec)
E9	Forward views to LCP winding tower Low adverse	Minor moderate adverse	974.2	0:58 (58 sec)
E10	Forward filtered views of LCP winding tower Low adverse	Minor moderate adverse	161.6	0:09 (9 sec)
E11	Forward views to LCP winding tower Low adverse	Minor moderate adverse	582.6	0:34 (34 sec)
E12	No change	No change	840.3	0:50 (50 sec)
E13	Oblique views to LCP winding tower Low to medium adverse	Moderate adverse	217.5	0:13 (13 sec)
E14	Oblique views to LCP winding tower Low to medium adverse and medium adverse (limited view)	Moderate adverse and moderate major adverse	503.8	0:30 (30 sec)
E15	No change	No change	2684.1	2:41 (161 sec)
E16	Distant oblique filtered views of minehead winding tower Negligible to low	Minor adverse	491.1	0:29 (29 sec)
E17	No change	No change	163.3	0:09 (9 sec)
E18	Distant oblique view to minehead winding tower Negligible to low	Minor adverse	52.7	0:03 (3 sec)
E19	No change	No change	1493.9	1:29 (89 sec)
E20	Distant oblique view to minehead winding tower Negligible to low	Minor adverse	354.7	0:21 (21 sec)
E21	No change	No change	96.0	0:05 (5 sec)
E22	Distant oblique view to minehead winding tower Negligible to low	Minor adverse	571.0	0:34 (34 sec)
E23	No change	No change	243.5	0:14 (14 sec)
E24	Distant views to minehead winding tower	Minor adverse	337.2	0:20

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>A171 Road (eastbound) (60kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
	Negligible to low			(20 sec)
E25	Intermittent distant views to minehead winding tower Negligible to low	Minor adverse	1163.6	1:09 (69 sec)
E26	No change	No change	4398.7	4:23 (263 sec)
E27	Intermittent or filtered distant views to minehead winding tower Low adverse	Minor moderate adverse	1889.0	1:53 (113 sec)
E28	No change	No change	1539.0	1:32 (92 sec)
E29	Open views to minehead ground level activity and towers Medium adverse	Moderate major adverse	1995.7	1:59 (119 sec)
E30	No change	No change	14508.7	14:30 (870 sec)

**A171 Road (eastbound)**

Total route duration within study area: 56272.6m (56 minutes 4 seconds)

Duration of route with visible elements: 11857.7m (11 minutes 44 seconds)

Journey duration of significant adverse impacts: 4641.6m (4 minutes 37 seconds)

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>A171 Road (westbound) (60kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
W0	No change	No change	9066.3	9:03 (543 sec)
W1	Distant forward views to minehead winding towers Negligible to low adverse	Minor adverse	118.5	0:07 (7 sec)
W2	No change	No change	182.9	0:10 (10 sec)
W3	Distant forward views to minehead winding towers Negligible to low adverse	Minor adverse	534.6	0:32 (32 sec)
W4	No change	No change	2392.2	2:23 (143 sec)
W5	Distant forward views to minehead winding towers Negligible to low adverse	Minor adverse	139.1	0:08 (8 sec)
W6	No change	No change	203.9	0:12 (12 sec)
W7	Distant oblique views to minehead winding towers Negligible to low adverse	Minor adverse	99.6	0:05 (5 sec)
W8	No change	No change	1415.3	1:24 (84 sec)
W9	Oblique views to minehead winding towers Low to medium adverse	Moderate adverse	75.4	0:04 (4 sec)
W10	No change	No change	271.7	0:16 (16 sec)
W11	Open oblique and perpendicular views to minehead ground level activity and towers. LCP tower would be barely perceptible in very distant oblique views. Medium adverse	Moderate major adverse	1950.5	1:57 (117 sec)
W12	No change	No change	1593.3	1:35 (95 sec)
W13	Intermittent or filtered perpendicular views to minehead ground level activity and towers. LCP tower would not be perceptible in very distant oblique views. Low adverse	Minor moderate adverse	1466.7	1:28 (88 sec)
W14	No change	No change	4821.0	4:49 (289 sec)
W15	Intermittent perpendicular distant views to minehead winding tower Negligible to low	Minor adverse	1163.6	1:09 (69 sec)
W16	Perpendicular distant views to minehead winding tower Negligible to low	Minor adverse	337.3	0:20 (20 sec)
W17	No change	No change	241.3	0:14 (14 sec)
W18	Perpendicular distant oblique views to minehead winding tower Negligible to low	Minor adverse	573.1	0:34 (34 sec)
W19	No change	No change	96	0:05 (5 sec)
W20	Perpendicular distant view to minehead winding towers Negligible to low	Minor adverse	355.1	0:21 (21 sec)
W21	No change	No change	2573.0	2:34 (154 sec)
W22	Filtered oblique views to LCP	Moderate adverse	582.3	0:34

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>A171 Road (westbound) (60kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
	winding tower Low to medium adverse			(34 sec)
W23	No change	No change	275.4	0:16 (16 sec)
W24	Oblique view to LCP winding tower Low to medium adverse	Moderate adverse	100.6	0:06 (6 sec)
W25	No change	No change	4451.3	4:27 (267 sec)
W26	Very distant views to LB winding tower Negligible adverse	Negligible adverse	258.4	0:15 (15 sec)
W27	No change	No change	281.4	0:16 (16 sec)
W28	Oblique very distant views to LB winding tower Negligible adverse	Negligible adverse	1743.0	1:44 (104 sec)
W29	No change	No change	120.7	0:07 (7 sec)
W30	Oblique very distant views to LB winding tower Negligible adverse	Negligible adverse	1072.9	1:04 (64 sec)
W31	No change	No change	211.3	0:12 (12 sec)
W32	Very distant forward views to LB winding tower Negligible adverse	Negligible adverse	681.7	0:40 (40 sec)
W33	No change	No change	825.7	0:49 (49 sec)
W34	Very distant forward views to LB winding tower Negligible adverse	Negligible adverse	100.3	0:06 (6 sec)
W35	No change	No change	3331.7	3:19 (199 sec)
W36	Very distant oblique and forward views to LB winding tower Negligible adverse	Negligible adverse	2294.8	2:17 (137 sec)
W37	No change	No change	490.0	0:29 (29 sec)
W38	Distant views to LB winding tower Negligible to low adverse	Minor adverse	889.8	0:53 (53 sec)
W39	No change	No change	504.6	0:30 (30 sec)
W40	Forward views to LB winding tower and of ground level activity as road directly passes construction platform Range from low to high adverse	Range from minor to major adverse (assume major adverse within 500m of site)	1343.9	1:20 (80 sec)
W41	No change	No change	5692.7	5:41 (341 sec)
W42	Oblique filtered views to TL winding tower with very short open view (at roundabout) to tower and spoil mound Negligible to low and low to medium adverse (at roundabout)	Minor adverse  Moderate adverse (short view at roundabout)	194.4	0:11 (11 sec)
W43	No change	No change	1145.6	1:08 (68 sec)

**A171 Road (westbound)**

Total route duration within study area: 56272.6m (56 minutes 16 seconds)

Duration of route with visible elements: 16075.6m (15 minutes 55 seconds)

*CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT*

Journey duration of significant adverse impacts: 4247.1m (4 minutes 12 seconds)

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>Cleveland Way National Trail (5kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
0	No change (ZTV indicates minehead towers may be visible near Ravenscar, but at this distance and with intervening landform and trees they would be imperceptible)	No change	10583.7	127:00 (7620 sec)
1	Distant views to minehead winding towers and very distant views to LCP winding tower Negligible to low adverse	Minor adverse	156.7	1:52 (112 sec)
2	No change	No change	724.9	8:41 (521 sec)
3	Distant views to minehead winding towers Negligible to low adverse	Minor adverse	178.5	2:08 (128 sec)
4	No change	No change	1670.2	20:02 (1202 sec)
5	Distant views to minehead winding towers Negligible to low adverse	Minor adverse	1569.6	18:50 (1130 sec)
6	No change (Views within ZTV in Whitby urban area are blocked by buildings, views within ZTV at quarries near Sandsend are screened/ heavily filtered by tree cover)	No change	7388.8	88:39 (5319 sec)
7	Very distant views to minehead winding towers Negligible adverse	Negligible adverse	1833.6	22:00 (1320 sec)
8	No change	No change	12023.4	144:16 (8656 sec)
9	Very distant views to minehead winding towers Negligible adverse	Negligible adverse	320.4	3:50 (230 sec)
10	Very distant views to minehead and LCP winding towers, distant views to LB winding tower Negligible (minehead and LCP) Negligible to low adverse (LB)	Minor adverse	557.8	6:41 (401 sec)
11	Distant views to LB winding tower Negligible to low adverse	Minor adverse	1351.8	16:13 (973 sec)
12	Distant views to LB winding tower and very distant (imperceptible) views to minehead winding towers Negligible to low adverse	Minor adverse	118.9	1:25 (85 sec)
13	Distant views to LB winding tower Negligible to low adverse	Minor adverse	208.5	2:30 (150 sec)
14	No change	No change	1813.0	21:45 (1305 sec)
15	Distant views to LB winding tower Negligible to low adverse	Minor adverse	325.2	3:54 (234 sec)
16	No change	No change	3357.1	40:17 (2417 sec)
17	Distant views to TL winding tower Negligible to low adverse	Minor adverse	142.0	1:42 (102 sec)
18	Distant views to LB and TL winding towers Negligible to low adverse	Minor adverse	600.5	7:12 (432 sec)
19	Potential distant views to TL winding tower Negligible adverse	Negligible adverse	553.1	6:38 (398 sec)
20	No change	No change	166.1	1:59



**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>Cleveland Way National Trail (5kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Sec.)</b>
				(119 sec)
21	Potential distant views to TL winding tower Negligible adverse	Negligible adverse	318.4	3:49 (229 sec)
22	No change	No change	9436.2	113:14 (6794 sec)
23	Distant view to TL winding tower and spoil mound at breaks in plantation cover Low to medium adverse	Moderate adverse	37.9	0:27 (27 sec)
24	No change	No change	929.0	11:08 (668 sec)
25	Distant views to TL winding tower and spoil mound at breaks in plantation cover Low to medium adverse	Moderate adverse	180.9	2:10 (130 sec)
26	No change	No change	2279.3	27:21 (1641 sec)
27	Distant views to TL winding tower and spoil area from Highcliff Nab Low adverse	Minor moderate adverse	223.6	2:40 (160 sec)
28	No change (Although the ZTV indicates that minehead and LCP towers would be visible at Easby Moor and Warren Moor these features would be imperceptible at this distance)	No change	12909.0	154:54 (9294 sec)

**Cleveland Way National Trail**

Total route duration within study area: 71958.1m (14hours 23 minutes 17seconds)

Duration of route with visible elements: 8677.4m (1 hour 44 minutes 1sec)

Journey duration of significant adverse impacts: 2 minutes 37 seconds

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>National Cycle Route 1 (20kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Min &amp; Sec)</b>
1	No change (ZTV indicates that minehead towers may be visible near Ravenscar, but at this distance and with intervening landform and trees they would be imperceptible)	No change	22208.8	66:37 (3997 sec)
2	Views to minehead ground level activity and towers, very distant view of LCP tower Low to medium adverse	Moderate adverse	545.4	1:38 (98 sec)
3	No change	No change	430	1:17 (77 sec)
4	Views to minehead ground level activity and towers, very distant view of LCP tower Low to medium adverse	Moderate adverse	102.9	0:18 (18 sec)
5	Filtered views to minehead ground level activity and towers, very distant view of LCP tower Low adverse	Minor moderate adverse	206.8	0:37 (37 sec)
6	Views to minehead ground level activity and towers, very distant view of LCP tower Low to medium adverse	Moderate adverse	395.6	1:11 (71 sec)
7	No change	No change	90	0:16 (16 sec)
8	Filtered views to minehead ground level activity and towers Low adverse	Minor moderate adverse	137.5	0:24 (24 sec)
9	No change	No change	422.3	1:16 (76 sec)
10	Filtered views to minehead ground level activity and towers, very distant views to LCP tower Low adverse	Minor moderate adverse	506.4	1:31 (91 sec)
11	No change	No change	1865.9	5:35 (335 sec)
12	Very limited view of minehead towers Negligible to low adverse	Minor adverse	24.7	0:04 (4 sec)
13	No change	No change	2239.5	6:43 (403 sec)
no plan ref	The separate northern section of the route from Staithes to Middlesbrough is remote from all MTS sites and primarily lies outside the cumulative project ZTV (refer to figure 2327.ZTV CU06). The route lies outside the Tocketts Lythe winding tower ZTV and partially passes through the distant Lockwood Beck winding tower ZTV near Loftus and Brotton. Given the distance to Lockwood Beck and intervening foreground and mid-ground features significant adverse impact is not predicted for this section of the route. Worst case magnitude is predicted to be negligible to low adverse.	Minor adverse	Distance not included	Time not included
no plan ref	The Wilton MHF and MTS Portal site is visible from a short section of the route at the A174/ A1042	Minor moderate adverse	Distance not included	Time not included

*CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT*

<b>National Cycle Route 1 (20kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Min &amp; Sec)</b>
	roundabout, at gaps in foreground tree and hedgerow cover. Within limited views the proposed scheme would be seen against the existing Teesside industrial backdrop, resulting in minor moderate adverse impact.			

**National Cycle Route 1**

Total route duration within study area: 29175.8m (87 minutes 27 seconds)

Duration of route with visible elements: 1919.3m (5 minutes 43 seconds)

Journey duration of significant adverse impacts: 1043.9m (3 minutes 7 seconds)

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>Regional Cycle Route 165 (20kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/Min:Sec.)</b>
1	No change (minor areas shown as being within the minehead towers ZTV are either screened or the minehead towers would be imperceptible at the viewing distance involved) . No change	No change	17378.7	52:08 (3128 sec)
2	Very distant views to minehead and LCP towers Negligible adverse	Negligible adverse	2260.9	6:46 (406 sec)
3	No change	No change	1494.0	4:28 (268 sec)
4	Very distant views to minehead towers and distant views to LCP tower Negligible to low adverse	Minor adverse	1251.8	3:45 (225 sec)
5	No change	No change	2629.4	7:53 (473 sec)
6	Distant oblique views to LCP winding tower and very distant oblique views to minehead towers Negligible to low adverse	Minor adverse	1031.4	3:05 (185 sec)
7	No change	No change	444.4	1:19 (79 sec)
8	Oblique intermittent and filtered views to LCP winding tower Negligible to low adverse	Minor adverse	286.0	0:51 (51 sec)
9	No change	No change	129.4	0:23 (23 sec)
10	Oblique intermittent and filtered views to LCP winding tower Negligible to low adverse	Minor adverse	209.3	0:37 (37 sec)
11	Oblique views to LCP winding tower Low adverse	Minor moderate adverse	460.6	1:22 (82 sec)
12	Oblique views to LCP winding tower and very distant views to minehead towers Low adverse	Minor moderate adverse	539.9	1:37 (97 sec)
13	No change	No change	506.6	1:31 (91 sec)
14	Oblique views to LCP winding tower and very distant oblique view to minehead towers		119.0	0:21 (21 sec)
15	No change	No change	575.9	1:43 (103 sec)
16	Oblique filtered very distant views to minehead winding towers Negligible adverse	Negligible adverse	199.3	0:35 (95 sec)
17	Oblique and perpendicular limited views to tops of cranes at LCP (midground plantation screens winding tower) and very distant views to minehead winding towers. Negligible to low adverse	Minor adverse	409.3	1:13 (73 sec)
18	No change	No change	77.1	0:13 (13 sec)
19	Oblique limited views to tops of cranes at LCP (midground plantation screens winding tower) and very distant views to minehead winding towers. Negligible to low adverse	Minor adverse	282.1	0:50 (50 sec)
20	No change	No change	1228.9	3:41

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>Regional Cycle Route 165 (20kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/ Min:Sec.)</b>
				(221 sec)
21	Very distant forward views to minehead winding towers. Negligible to low adverse	Minor adverse	276.5	0:49 (49 sec)
22	No change	No change	76.0	0:13 (13 sec)
23	Distant oblique views to minehead winding towers. Negligible to low adverse	Minor adverse	454.1	1:21 (81 sec)
24	Distant oblique intermittent views to minehead winding towers. Negligible to low adverse	Minor adverse	220.3	0:39 (39 sec)
25	No change	No change	150.8	0:27 (27 sec)
26	Distant oblique filtered views to minehead winding towers. Negligible to low adverse	Minor adverse	172.6	0:31 (31 sec)
27	No change	No change	122.1	0:21 (21 sec)
28	Distant oblique views to minehead winding towers. Negligible to low adverse	Minor adverse	52.9	0:09 (9 sec)
29	No change	No change	111.4	0:20 (20 sec)
30	Distant oblique filtered views to minehead winding towers. Negligible to low adverse	Minor adverse	156.5	0:28 (28 sec)
31	No change	No change	97.4	0:17 (17 sec)
32	Distant oblique views to minehead winding towers. Negligible to low adverse	Minor adverse	291.3	0:52 (52 sec)
33	No change	No change	747.3	2:14 (134 sec)
34	Distant oblique intermittent/ filtered views to minehead winding towers. Negligible to low adverse	Minor adverse	492.5	1:28 (88 sec)
35	No change	No change	4726.4	14:10 (850 sec)

Regional cycle route 165

Total route duration within study area: 39662.1m (1 hour 59 minutes 40 seconds)

Duration of route with visible elements: 9166.3m (28 minutes 19 seconds)

Journey duration of significant adverse impacts: None applicable

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>Coast To Coast Walk (5kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/Min:Sec.)</b>
0	No change	No change	1118.3	13:25 (805 sec)
1	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	363.9	4:22 (262 sec)
2	No change	No change	427.7	5:07 (307 sec)
3	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	324.7	3:53 (233 sec)
4	No change	No change	1173.3	14:04 (844 sec)
5	Very distant views to LB winding tower Negligible adverse	Negligible adverse	511.4	6:08 (368 sec)
6	Distant views to LCP tower and very distant views LB winding tower Negligible to low adverse	Minor adverse	1205.2	14:27 (867 sec)
7	No change	No change	695.9	8:21 (501 sec)
8	Distant views to LCP tower and very distant views LB winding tower Negligible to low adverse	Minor adverse	700.2	8:24 (504 sec)
9	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	780.2	9:21 (561 sec)
10	No change	No change	622.4	7:28 (448 sec)
11	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	129.1	1:32 (92 sec)
12	No change	No change	232.8	2:47 (167 sec)
13	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	869.0	10:25 (625 sec)
14	No change	No change	45.1	0:32 (32 sec)
15	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	826.2	9:54 (594 sec)
16	No change	No change	98.6	1:10 (70 sec)
17	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	49.2	0:35 (35 sec)
18	No change	No change	425.7	5:06 (306 sec)
19	Distant view to LCP winding tower Negligible to low adverse	Minor adverse	81.0	0:58 (58 sec)
20	No change	No change	6647.3	79:46 (4786 sec)
21	Distant view to LCP winding tower Low adverse	Minor moderate adverse	70.1	0:50 (50 sec)
22	No change	No change	149.7	1:47 (107 sec)
23	Distant view to LCP winding tower Low adverse	Minor moderate adverse	2651.9	31:49 (1909 sec)
24	Forward open views to minehead winding towers across A169 Low adverse	Minor moderate adverse	519.3	6:13 (373 sec)
25	Forward open views to minehead	Moderate adverse	1397.2	16:45

**CUMULATIVE LANDSCAPE AND VISUAL IMPACT ASSESSMENT  
SEQUENTIAL RECEPTOR ASSESSMENT**

<b>Coast To Coast Walk (5kph)</b>				
<b>Plan ref</b>	<b>Visible element &amp; magnitude</b>	<b>Impact significance</b>	<b>Duration (Distance/m)</b>	<b>Duration (Time/Min:Sec.)</b>
	winding towers Low to medium adverse			(1005 sec)
26	No change	No change	57.8	0:41 (41 sec)
27	Filtered views of minehead winding towers Negligible adverse and low adverse	Minor adverse and minor moderate adverse	562.4	6:44 (404 sec)
28	No change	No change	5180.2	62:09 (3729 sec)
29	Open views to minehead winding towers Low to medium adverse	Moderate adverse	884.4	10:36 (636 sec)
30	Oblique, open views to minehead winding towers and ground level activity Range between low to medium adverse and medium adverse	Moderate adverse and moderate major adverse	2664.6	31:58 (1918 sec)
331	Oblique, open views to minehead winding towers and ground level activity and distant views to LCP tower Range between low to medium adverse and medium adverse	Moderate adverse and moderate major adverse	514.0	6:10 (370 sec)
32	Filtered views of minehead ground level activity and towers, LCP winding tower would not be perceptible. Negligible adverse and low adverse	Negligible adverse and minor moderate adverse	528.5	6:20 (380 sec)
33	No change	No change	340.9	4:05 (245 sec)
34	Reverse filtered and intermittent views of minehead ground level activity ad towers, LCP winding tower would not be perceptible Low to medium adverse	Moderate adverse	338.3	4:03 (243 sec)
35	No change	No change	612.9	7:21 (441 sec)
36	Reverse filtered and open views of minehead ground level activity ad towers, LCP winding tower would not be perceptible Low to medium adverse	Moderate adverse	298.7	3:35 (215 sec)
37	No change	No change	560.2	6:43 (403 sec)
38	Reverse filtered and open views of minehead ground level activity ad towers, LCP winding tower would not be perceptible Low to medium adverse	Moderate adverse	593.8	7:07 (427 sec)
39	No change	No change	5133.4	61:36 (3696 sec)

**Coast to Coast Walk**

Total route duration within study area: 40385.5m (8 hours 4 minutes 37 seconds)

Duration of route with visible elements: 16863.3m (3 hours 22 minutes 9 seconds)

Journey duration of significant adverse impacts: 6691m (1 hour 20 minutes 14 seconds)