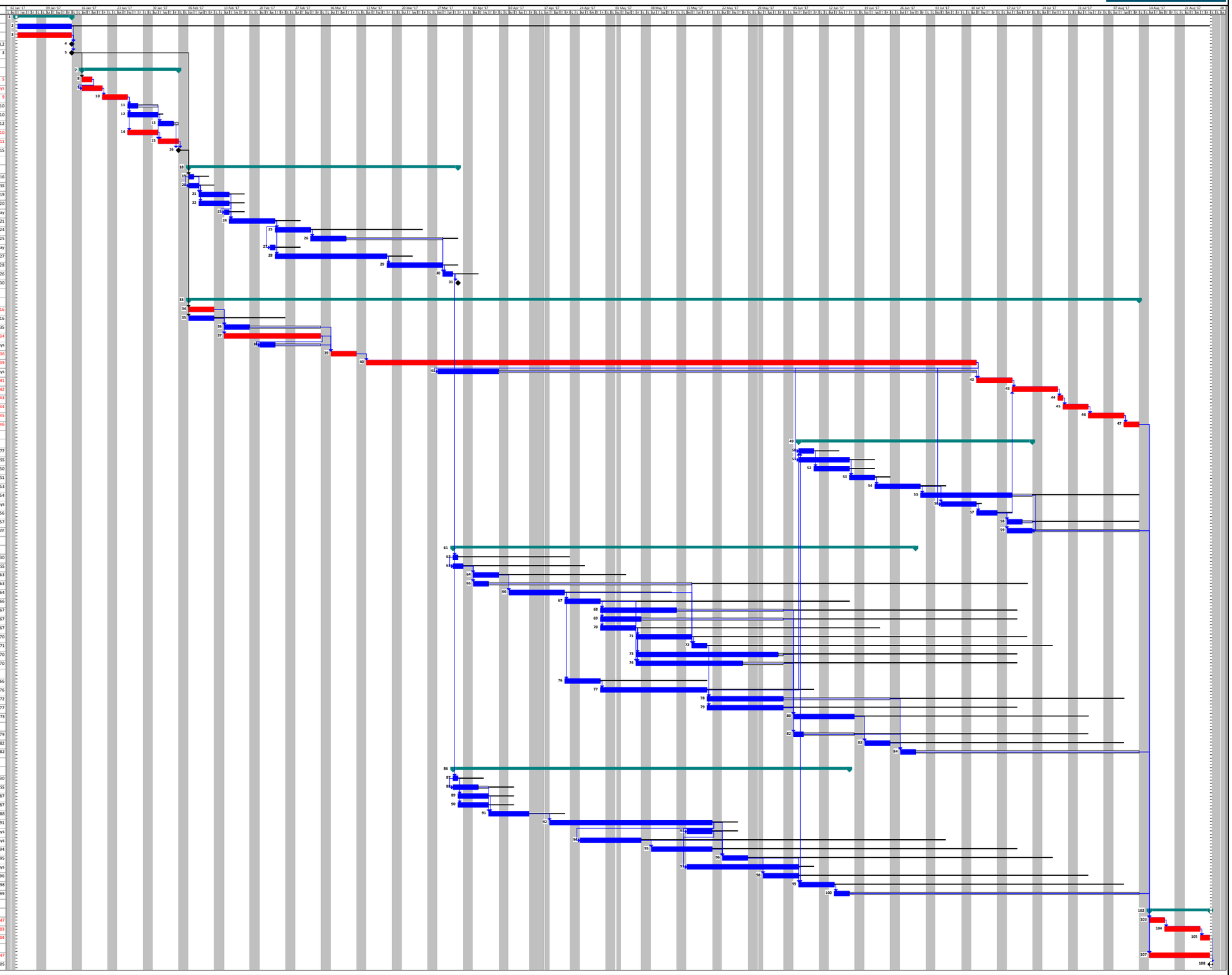
Filey Ravines Flood Alleviation Strategy

ID		Task Name	Duration	Start	Finish	Predecessors
1		**Contractor Mobilisation**	**9 days**	**Tue 03/01/17**	**Fri 13/01/17**	
2		Mobilisation	9 days	Tue 03/01/17	Fri 13/01/17	
3		Development of H&S plan & EAP	9 days	Tue 03/01/17	Fri 13/01/17	
4		Access date	0 days	Fri 13/01/17	Fri 13/01/17	3,2
5		Start on site	0 days	Fri 13/01/17	Fri 13/01/17	3
6						
7		**Set Up Site Offices & Welfare Area**	**15 days**	**Mon 16/01/17**	**Fri 03/02/17**	
8		Set up compound Fencing	2 days	Mon 16/01/17	Tue 17/01/17	5
9		Carry out trial holes to Confirm Service positions	4 days	Mon 16/01/17	Thu 19/01/17	8FS-2 days
10		Top Soil Strip & Sub -base to Compound Area	3 days	Fri 20/01/17	Tue 24/01/17	9
11		Remove Hedge at site access	2 days	Wed 25/01/17	Thu 26/01/17	10
12		Office Installation & Electrical Connection	4 days	Wed 25/01/17	Mon 30/01/17	10
13		Set up CCTV Security System	3 days	Tue 31/01/17	Thu 02/02/17	12
14		Construct Hard Standing Fuelling Area	4 days	Wed 25/01/17	Mon 30/01/17	10
15		Form Hard standing & Set up Wheel Wash Site Entrance	4 days	Tue 31/01/17	Fri 03/02/17	14,11
16		Offices & Welfare Set up Complete	0 days	Fri 03/02/17	Fri 03/02/17	13,15
17						
18		**Culvert Installation Across Filey Brigg Caravan Park**	**39 days**	**Mon 06/02/17**	**Fri 31/03/17**	
19		Set up Satellite Welfare Arrangements /Traffic Management	1 day	Mon 06/02/17	Mon 06/02/17	5,16
20		Fence of Working Area /Footpath Diversion/Storage	2 days	Mon 06/02/17	Tue 07/02/17	19SS
21		Trial Holes to Locate Existing Services	4 days	Wed 08/02/17	Mon 13/02/17	20,19
22		Site Clearance, Tree & Vegetation Removal	4 days	Wed 08/02/17	Mon 13/02/17	20
23		Road Crossing - Saw Cut	1 day	Mon 13/02/17	Mon 13/02/17	22FS-1 day
24		Install Drainage Across Road in two halves to keep Access	7 days	Tue 14/02/17	Wed 22/02/17	23,21
25		Precast Headwall Installation	5 days	Thu 23/02/17	Wed 01/03/17	24
26		Face Headwall with Brickwork	5 days	Thu 02/03/17	Wed 08/03/17	25
27		Trench Crossings Tarmac Reinstatement	1 day	Wed 22/02/17	Wed 22/02/17	24FS-1 day
28		Drainage Installation Across Caravan Park (165m)	16 days	Thu 23/02/17	Thu 16/03/17	24,27
29		Reinstate Tress & Turf	7 days	Fri 17/03/17	Mon 27/03/17	28
30		Demobilise Work Area Welfare/Fencing	2 days	Tue 28/03/17	Wed 29/03/17	29,26
31		Filey Brigg Caravan Park Opens	0 days	Fri 31/03/17	Fri 31/03/17	30
32						
33		**Area 2 - Scarborough Road Storage Area**	**131 days**	**Mon 06/02/17**	**Fri 11/08/17**	
34		Set Herras security fencing to storage Area Field	5 days	Mon 06/02/17	Fri 10/02/17	16
35		Trial Holes Locate Services South Boundary	5 days	Mon 06/02/17	Fri 10/02/17	16
36		Use stock fencing for haul road corridor & Laydown area field	5 days	Mon 13/02/17	Fri 17/02/17	34,35
37		Install Haul Road from Site Access to North of Laydown Area Field	15 days	Mon 13/02/17	Fri 03/03/17	34
38		Install Plant Crossing over existing Ditch	3 days	Mon 20/02/17	Wed 22/02/17	37FS-10 days
39		Strip Topsoil From Storage Area & Stockpile South East of Field	5 days	Mon 06/03/17	Fri 10/03/17	37,38,36
40		Cut Storage Area & Fill Wielpolski Field	82 days	Mon 13/03/17	Mon 10/07/17	39
41		Install Flow Control Headwall & 300Dia Culvert	10 days	Mon 27/03/17	Fri 07/04/17	40FS-72 days
42		Topsoil Scarborough Road Storage area from stockpile	5 days	Tue 11/07/17	Mon 17/07/17	40,41
43		Land Raising & Ditch diversion to YW connection	7 days	Tue 18/07/17	Wed 26/07/17	57,42
44		Connect Existing Ditch into Scarborough Storage Area	1 day	Thu 27/07/17	Thu 27/07/17	43
45		Topsoil Land Raising Area & Ditch	3 days	Fri 28/07/17	Tue 01/08/17	44
46		Remove Remainder of Haul road & Topsoil	5 days	Wed 02/08/17	Tue 08/08/17	45
47		Landscape Cultivate & Seed Storage Area including Permieter	3 days	Wed 09/08/17	Fri 11/08/17	46
48						
49		**Filey Fields Channel & Cherry Tree Drive Embankment**	**34 days**	**Tue 06/06/17**	**Fri 21/07/17**	
50		Divert Footpath & adjust perimeter fencing to connect to area 1	3 days	Tue 06/06/17	Thu 08/06/17	FS-28 days,97,77
51		trail Holes Services and protection at ditch location	8 days	Tue 06/06/17	Thu 15/06/17	50SS
52		lift and reset haul road along northern filey field ditch into area 1	5 days	Fri 09/06/17	Thu 15/06/17	50
53		Topsoil strip Filey Fields Channel & Cheery tree drive Embankments	3 days	Fri 16/06/17	Tue 20/06/17	52,51
54		Cut Filey Fields Channel Fill to Cherry Tree Drive, Then Wielpolski Fill Area	7 days	Wed 21/06/17	Thu 29/06/17	53
55		Install PC Flow Control Structures @ 900mm dia pipe connection	12 days	Fri 30/06/17	Mon 17/07/17	54
56		Topsoil Channel & Embankment	5 days	Tue 04/07/17	Mon 10/07/17	54,40FS-5 days
57		Remove Haul Road to Scarborough Road Storage Area & Topsoil	4 days	Tue 11/07/17	Fri 14/07/17	56
58		Install Demarcation Timber	3 days	Mon 17/07/17	Wed 19/07/17	57
59		Landscape Cultivate & Seed	5 days	Mon 17/07/17	Fri 21/07/17	57,55FF,58FF
60						
61		**Area 1 Filey Brigg**	**61 days**	**Thu 30/03/17**	**Wed 28/06/17**	
62		Set Satellite Welfare Provisions	1 day	Thu 30/03/17	Thu 30/03/17	30
63		Perimeter Fencing uisng Post & Wire	2 days	Thu 30/03/17	Fri 31/03/17	62SS
64		Services Trial Holes & Utility Services protection	5 days	Mon 03/04/17	Fri 07/04/17	63
65		Hedge Removal	3 days	Mon 03/04/17	Wed 05/04/17	63
66		Top soil Strip Storage Areas & Channels - to Wind rows/stockpiles	7 days	Mon 10/04/17	Thu 20/04/17	64
67		Cut & Fill Caravan Park Storage Area	5 days	Fri 21/04/17	Thu 27/04/17	66
68		Flow Control Head wall & Pipe connection to AC1	10 days	Fri 28/04/17	Fri 12/05/17	67
69		300dia Culvert North of Storage Area	5 days	Fri 28/04/17	Fri 05/05/17	67
70		Cut Wooldale Channel East	4 days	Fri 28/04/17	Thu 04/05/17	67
71		Cut & Fill to Wooldale Storage Area	7 days	Fri 05/05/17	Mon 15/05/17	70
72		Cut Wooldale Channel West	3 days	Tue 16/05/17	Thu 18/05/17	66,65,71
73		V Notch Weir	19 days	Fri 05/05/17	Thu 01/06/17	70
74		topsoil from Wind rows Chanels and storage area	15 days	Fri 05/05/17	Thu 25/05/17	67FS-5 days,70
75						
76		Top Soil Strip Wooldale Drive & Churchcliff drive embankments	5 days	Fri 21/04/17	Thu 27/04/17	66
77		Fill Embankments Wooldale & Churchcliff drive.	14 days	Fri 28/04/17	Thu 18/05/17	76
78		Remove Excess Material From Work Area 1 to Wielpolski Laydown	10 days	Fri 19/05/17	Fri 02/06/17	77,72
79		Topsoil from Wind rows Wooldale & Churchcliff drive	10 days	Fri 19/05/17	Fri 02/06/17	77
80		install demarcation timbers	10 days	Mon 05/06/17	Fri 16/06/17	79,68,69,74,73
81						
82		Reinstate Hedges	2 days	Mon 05/06/17	Tue 06/06/17	79
83		Landscape -Cultivation/Seeding	5 days	Mon 19/06/17	Fri 23/06/17	80,82
84		Demobilse Work Area /Remove Fencing	3 days	Mon 26/06/17	Wed 28/06/17	83,78,82
85						
86		**Area 3 Filey School**	**52 days**	**Thu 30/03/17**	**Thu 15/06/17**	
87		Set up Satellite Welfare Arrangements	1 day	Thu 30/03/17	Thu 30/03/17	30
88		Install Access Points & Traffic Management	3 days	Thu 30/03/17	Mon 03/04/17	87SS
89		Perimeter Fencing	4 days	Fri 31/03/17	Wed 05/04/17	87
90		Remove Section of Woodland at Culvert.	4 days	Fri 31/03/17	Wed 05/04/17	87
91		Topsoil Strip & side cast Channel & embankment + Haul Route	6 days	Thu 06/04/17	Thu 13/04/17	89,90,88
92		Cut Channel, Fill Embankment	23 days	Tue 18/04/17	Fri 19/05/17	91
93		Raise Corner of School field & Muston Rd Embankment (Reinstate Long Jump Pit)	5 days	Mon 15/05/17	Fri 19/05/17	92FS-5 days
94		Install 300 Dia Culvert & Headwalls-Long Planatation	9 days	Mon 24/04/17	Fri 05/05/17	92FS-19 days
95		Install 300 Dia Culvert & Headwalls-Filey School Embankment	10 days	Mon 08/05/17	Fri 19/05/17	94
96		Topsoil Channel, Embankments, Haul Route & School Fill Areas	5 days	Mon 22/05/17	Fri 26/05/17	92,93,94,95
97		Remove Excess material from Work Area to Weillpolski Field	15 days	Mon 15/05/17	Mon 05/06/17	days,93FS-5 days
98		Install Timber Post & Barbed Wire Cattle Fence / Gates	5 days	Tue 30/05/17	Mon 05/06/17	96
99		Replant Trees, Landscape Cultivate & Seed	5 days	Tue 06/06/17	Mon 12/06/17	97,96,98
100		Demobilise Work Area /Remove Fencing	3 days	Tue 13/06/17	Thu 15/06/17	99
101						
102		**Demobolise Site office & Welfare**	**10 days**	**Mon 14/08/17**	**Fri 25/08/17**	
103		Reinstate Access & Hedge to Scarborough Road	3 days	Mon 14/08/17	Wed 16/08/17	100,84,59,47
104		Remove Compound Facility	5 days	Thu 17/08/17	Wed 23/08/17	103
105		Topsoil Cultivate & Seed	2 days	Thu 24/08/17	Fri 25/08/17	104
106						
107		Health & Safety file	10 days	Mon 14/08/17	Fri 25/08/17	100,84,59,47
108		Completion	0 days	Fri 25/08/17	Fri 25/08/17	107,105



Normal | Normal TRA | Critical | Critical TRA | Milestone | Summary | Total Float | Free Float | Progress

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Jackson Civil Engineering

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