

ID	Task Name	Duration	Start	Finish	
1	Morfa Culvert - Construction Phase Programme	124 days	Sun 19/05/24	Fri 25/10/24	
2	Key Dates	124 days	Sun 19/05/24	Fri 25/10/24	
3	Access / Start on Site Date (assumed).	0 days	Sun 19/05/24	Sun 19/05/24	◆ 19/05
4	Planned Completion Date. Of Construction Phase.	0 days	Fri 27/09/24	Fri 27/09/24	
5	Issue of Health & Safety File information & Completion Date.	0 days	Fri 25/10/24	Fri 25/10/24	
6	Construction Phase- Start Date	104 days	Mon 20/05/24	Fri 27/09/24	
7	Mobilisation & site set up including inductions, site briefings and tool box talks. Take delivery of welfare unit, stores and sundry items.	2 days	Mon 20/05/24	Tue 21/05/24	
8	Undertake pre-construction inspection of culvert with operatives (including site walkover).	0.5 days	Wed 22/05/24	Wed 22/05/24	
9	Installation of access track to downstream areas, including geotextile.	2.5 days	Wed 22/05/24	Fri 24/05/24	
10	Crane to lower trash box followed by the pumps into the area between upstream frame dam and concrete apron. The upstream section of the discharge hose will be attached.	0.5 days	Wed 22/05/24	Wed 22/05/24	
11	Installation of the central discharge hose. The hoses could be pushed or pulled through i.e. turfer wire.	0.5 days	Thu 23/05/24	Thu 23/05/24	
12	Installation of the downstream sections of discharge hose.	0.5 days	Thu 23/05/24	Thu 23/05/24	
13	Installation of downstream pollution control measures downstream of discharge hoses.	0.5 days	Fri 24/05/24	Fri 24/05/24	
14	Install temporary sand bag bund and flume to upstream concrete apron/spillway to divert water away from operatives installing the frame dam system.	0.5 days	Fri 24/05/24	Fri 24/05/24	
15	Installation of upstream frame dam system.	1 day	Sat 25/05/24	Sat 25/05/24	
16	Installation of downstream frame dam system. River invert may need to be re-profiled to accommodate dam.	2 days	Mon 27/05/24	Tue 28/05/24	
17	Installation of the downstream silt curtain.	0.5 days	Wed 29/05/24	Wed 29/05/24	
18	Commissioning of pumps.	0 days	Tue 28/05/24	Tue 28/05/24	◆ 28/05
19	Over pump water within culvert.	0.5 days	Wed 29/05/24	Wed 29/05/24	
20	Undertake further inspection of culvert with operatives engineers.	0.5 days	Thu 30/05/24	Thu 30/05/24	
21	Remove aggregation within culverts (downstream elements only).	1.5 days	Thu 30/05/24	Fri 31/05/24	
22	Take delivery of modular sections & relocate downstream.	0.5 days	Fri 31/05/24	Fri 31/05/24	
23	Installation of guide/rail system to downstream invert.	2 days	Sat 01/06/24	Mon 03/06/24	
24	Installation of 'pulley system' upstream of defected section of culvert.	0.5 days	Mon 03/06/24	Mon 03/06/24	
25	Installation of modular sections 1 - 8.	0.75 days	Tue 04/06/24	Tue 04/06/24	
26	Relocate modular system to downstream of collapse.	0.25 days	Tue 04/06/24	Tue 04/06/24	
27	Remove debris from invert (1.0m upstream).	0.25 days	Wed 05/06/24	Wed 05/06/24	
28	Install additional 1.0m section of guide rails and relocate the modular system.	1.25 days	Wed 05/06/24	Thu 06/06/24	
29	Remove debris from invert (1.0m upstream).	0.25 days	Thu 06/06/24	Thu 06/06/24	
30	Install additional 1.0m section of guide rails and relocate the modular system.	1.25 days	Thu 06/06/24	Fri 07/06/24	
31	Remove debris from invert (1.0m upstream).	0.25 days	Sat 08/06/24	Sat 08/06/24	
32	Install additional 1.0m section of guide rails and relocate the modular system.	1.25 days	Sat 08/06/24	Mon 10/06/24	
33	Remove debris from invert (1.0m upstream).	0.25 days	Mon 10/06/24	Mon 10/06/24	
34	Install additional 1.0m section of guide rails and relocate the modular system.	1.25 days	Mon 10/06/24	Tue 11/06/24	
35	Remove debris from invert (1.0m upstream).	0.25 days	Wed 12/06/24	Wed 12/06/24	
36	Install additional 1.0m section of guide rails and relocate the modular system.	1.25 days	Wed 12/06/24	Thu 13/06/24	
37	Remove debris from invert (1.0m upstream).	0.25 days	Thu 13/06/24	Thu 13/06/24	
38	Install additional 1.0m section of guide rails and relocate the modular system.	1.25 days	Thu 13/06/24	Fri 14/06/24	
39	Flood invert with concrete & allow to cure over weekend.	1 day	Sat 15/06/24	Sat 15/06/24	
40	Relocate & prepare modular sections for bracing & jacking equipment.	1 day	Mon 17/06/24	Mon 17/06/24	
41	Jack modular system into position.	2 days	Tue 18/06/24	Wed 19/06/24	
42	Prepare modular system for concrete. Infill any undulations between the masonry & system interface.	2 days	Thu 20/06/24	Fri 21/06/24	
43	Pour stage 1 concrete.	1 day	Sat 22/06/24	Sat 22/06/24	
44	Allow sufficient curing time for P1.	1 day	Mon 24/06/24	Mon 24/06/24	
45	Pour stage 2 concrete.	1 day	Tue 25/06/24	Tue 25/06/24	
46	Allow sufficient curing time for P2.	1 day	Wed 26/06/24	Wed 26/06/24	
47	Pour stage 3 concrete.	1 day	Thu 27/06/24	Thu 27/06/24	
48	Allow sufficient curing time for P3.	2 days	Fri 28/06/24	Sat 29/06/24	
49	Removal of modular system ensuring it comes away form the concrete.	2 days	Mon 01/07/24	Tue 02/07/24	
50	Further remediation to culvert	2 days	Wed 03/07/24	Thu 04/07/24	
51	Removal of guide/rail system.	0.5 days	Thu 04/07/24	Thu 04/07/24	
52	Removal of equipment within culvert i.e. pumps	0.5 days	Fri 05/07/24	Fri 05/07/24	
53	Removal of downstream frame dam system.	1 day	Fri 05/07/24	Sat 06/07/24	
54	Removal upstream pumping equipment an discharge hoses	0.5 days	Sat 06/07/24	Sat 06/07/24	
55	Removal of upstream frame dam system.	0.5 days	Mon 08/07/24	Mon 08/07/24	
56	Removal of the haul road.	2 days	Mon 08/07/24	Wed 10/07/24	
57	Remediation of all groundworks where required.	2 days	Wed 10/07/24	Fri 12/07/24	
58	Demobilise site compound & off-hire of plant & equipment.	1.5 days	Fri 12/07/24	Sat 13/07/24	
59	Terminal float	56 days	Mon 15/07/24	Fri 27/09/24	
60	Production of Health & Safety File upon completion of Contract Works.	20 days	Mon 30/09/24	Fri 25/10/24	◆ 25/10

Project: Swansea CC- Morfa Culvert-Construction Outline Progr
Date: Fri 01/12/23

Task
Split

Milestone
Summary

Project Summary
Inactive Task

Inactive Milestone
Inactive Summary

Manual Task
Duration-only

Manual Summary Rollup
Manual Summary

Start-only
Finish-only

External Tasks
External Milestone

Deadline
Progress

Manual Progress