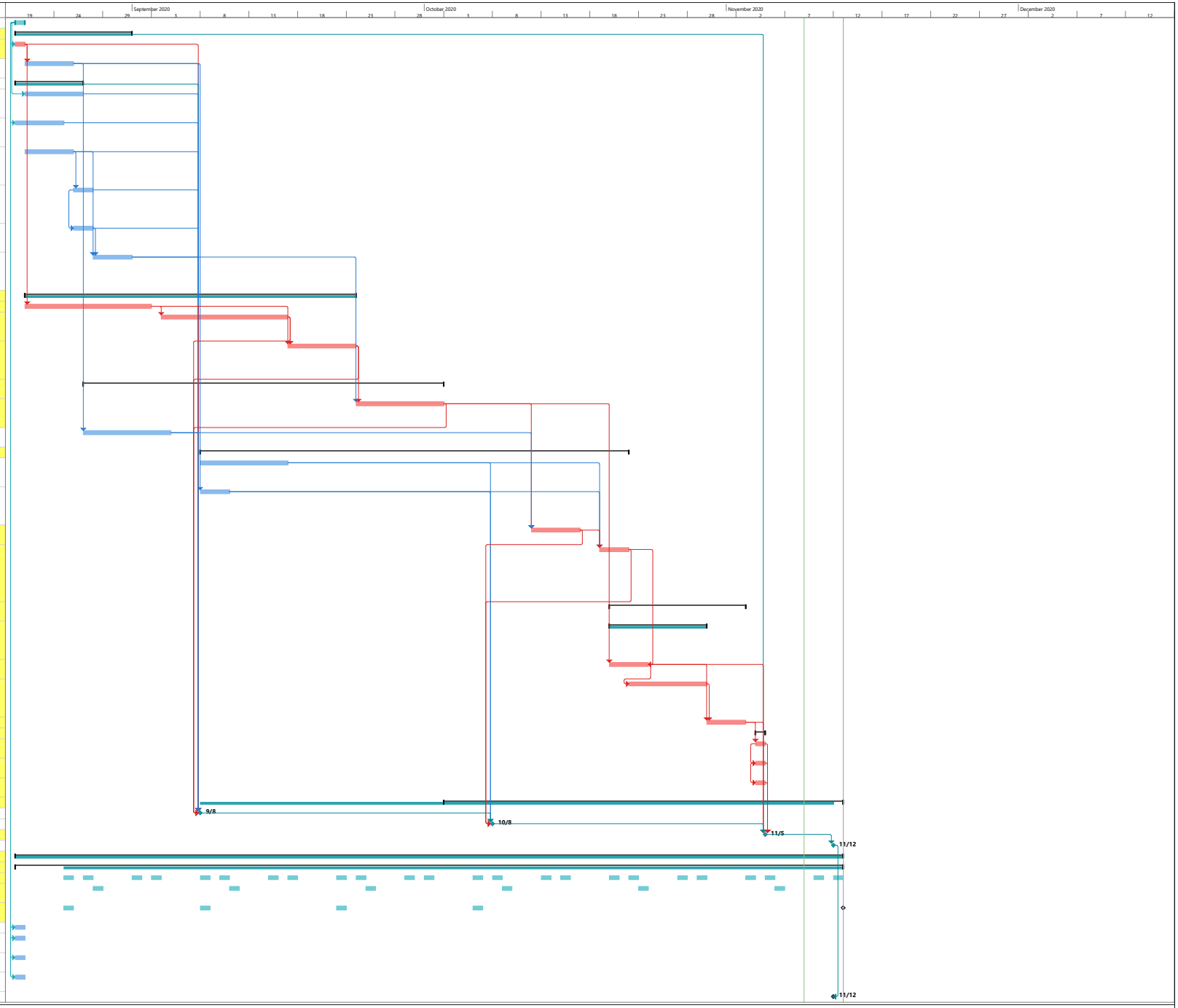ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1	Project Start	1 day	Thu 8/20/20	Thu 8/20/20		
2	**Task 1: Hydrologic Analysis**	8 days	Thu 8/20/20	Mon 8/31/20		
3	Task 1.1 Sample Site Identification	1 day	Thu 8/20/20	Thu 8/20/20	1SS	
4	Task 1.2: Sample Site Charecteristics	3 days	Fri 8/21/20	Tue 8/25/20	3	
5	**Task 1.3: Code Research**	**5 days**	**Thu 8/20/20**	**Wed 8/26/20**		
6	Task 1.3.1: Research Existing Code from Outside	4 days	Fri 8/21/20	Wed 8/26/20	1SS	
7	Task 1.3.2: Research Zoning Code to Verify Lot Coverage	3 days	Thu 8/20/20	Mon 8/24/20	1SS	
8	Task 1.4: Post-Development Characteristics of Sample Sites	3 days	Fri 8/21/20	Tue 8/25/20		
9	Task 1.5: Determination of Necessary Storage in Retention Basin and drywell	2 days	Wed 8/26/20	Thu 8/27/20	8	
10	Task 1.6: Determination of Flow Capacity of Off Site Stormwater	2 days	Wed 8/26/20	Thu 8/27/20	9SS	
11	Task 1.7: Determine Required Retention Volume for each Sample Site	2 days	Fri 8/28/20	Mon 8/31/20	8,10	
12	**Task 2: Geotechnical Analy**	24 days	Fri 8/21/20	Wed 9/23/20		
13	Task 2.1: Surface Soil	9 days	Fri 8/21/20	Wed 9/2/20	3	
14	Task 2.2: Acquire Existing Geotechnical Reports from Flagstaff	9 days	Fri 9/4/20	Wed 9/16/20	13FS+1 day	
15	Task 2.3: Falling Head Perculation Test Used to Determine Hydraulic Conductivity	5 days	Thu 9/17/20	Wed 9/23/20	13,14	
16	**Task 3: Retention Basin and Drywell Design**	27 days	Thu 8/27/20	Fri 10/2/20		
17	Task 3.1: Determine of Basin and Drywell Dimensions Details	7 days	Thu 9/24/20	Fri 10/2/20	11,15	
18	Task 3.2:Design Site Flow Routing	7 days	Thu 8/27/20	Fri 9/4/20	4FS+1 day	
19	**Task 4: Cost Analysis**	32 days	Tue 9/8/20	Wed 10/21/2		
20	Task 4.1: Determine Costs of Other Stormwater	7 days	Tue 9/8/20	Wed 9/16/20		
21	Task 4.2: Determine Value of Land Saved Through Implementation of	3 days	Tue 9/8/20	Thu 9/10/20	4FS+1 day	
22	Task 4.3: Cost of Drywell at Site	5 days	Mon 10/12/20	Fri 10/16/20	17,18	
23	Task 4.4: Determine Monetary Cost Increase or Decrease of Using Drywells as Compared to Using Other Stormwater Management Systems	3 days	Mon 10/19/20	Wed 10/21/20	20,21,22	
24	**Task 5: Feasability Determination**	10 days	Tue 10/20/20	Mon 11/2/20		
25	Task 5.1: Determine Overall Feasability of Drywell Use to Manage Stormwater in Flagstaff	8 days	Tue 10/20/20	Thu 10/29/20		
26	Task 5.1.1: Feasibility of Necessary	4 days	Tue 10/20/20	Fri 10/23/20	17,23FF	
27	Task 5.1.2: Feasibility of Using Drywells in Tandem with Retention/Detention	6 days	Thu 10/22/20	Thu 10/29/20	26FS-2 days	
28	Task 5.2: Recommendati	2 days	Fri 10/30/20	Mon 11/2/20	26,27	
29	**Task 6: Impact Assessment**	1 day	Wed 11/4/20	Wed 11/4/20		
30	Task 6.1 Economic Impact Assessment	1 day	Wed 11/4/20	Wed 11/4/20	28FS+1 day	
31	Task 6.2 Social Impact Assessment	1 day	Wed 11/4/20	Wed 11/4/20	30SS	
32	Task 2.3 Environmental Impact Assessment	1 day	Wed 11/4/20	Wed 11/4/20	31SS	
33	**Task 7: Project Deliverable**	29 days	Fri 10/2/20	Thu 11/12/2		
34	30% Deliverable	0 days	Tue 9/8/20	Tue 9/8/20	3,4,5,6,7,8,9,10,1	
35	60% Deliverable	0 days	Thu 10/8/20	Thu 10/8/20	34FS+14 days,20,	
36	90% Deliverable	0 days	Thu 11/5/20	Thu 11/5/20	35FS+14 days,26,	
37	Final Deliverable	0 days	Thu 11/12/2	Thu 11/12/2	36FS+14 days	
38	**Task 8: Project Manageme**	61 days	Thu 8/20/20	Thu 11/12/2		
39	Task 8.1: Meetings	61 days	Thu 8/20/20	Thu 11/12/2		
40	Team Meetings	58 days	Tue 8/25/20	Thu 11/12/2		
65	Grading Instructor Meetings	51 days	Fri 8/28/20	Fri 11/6/20		
72	Technical Advisor Meeting	58 days	Tue 8/25/20	Thu 11/12/20		
78	Task 8.2: Coordination	1 day	Thu 8/20/20	Thu 8/20/20	1SS	
79	Task 8.3: Schedule Management	1 day	Thu 8/20/20	Thu 8/20/20	1SS	
80	Task 8.4: Resource & Financial Management	1 day	Thu 8/20/20	Thu 8/20/20	1SS	
81	Task 8.5: Record All Hours Worked	1 day	Thu 8/20/20	Thu 8/20/20	1SS	
82	Project End	0 days	Thu 11/12/2	Thu 11/12/2	37FF