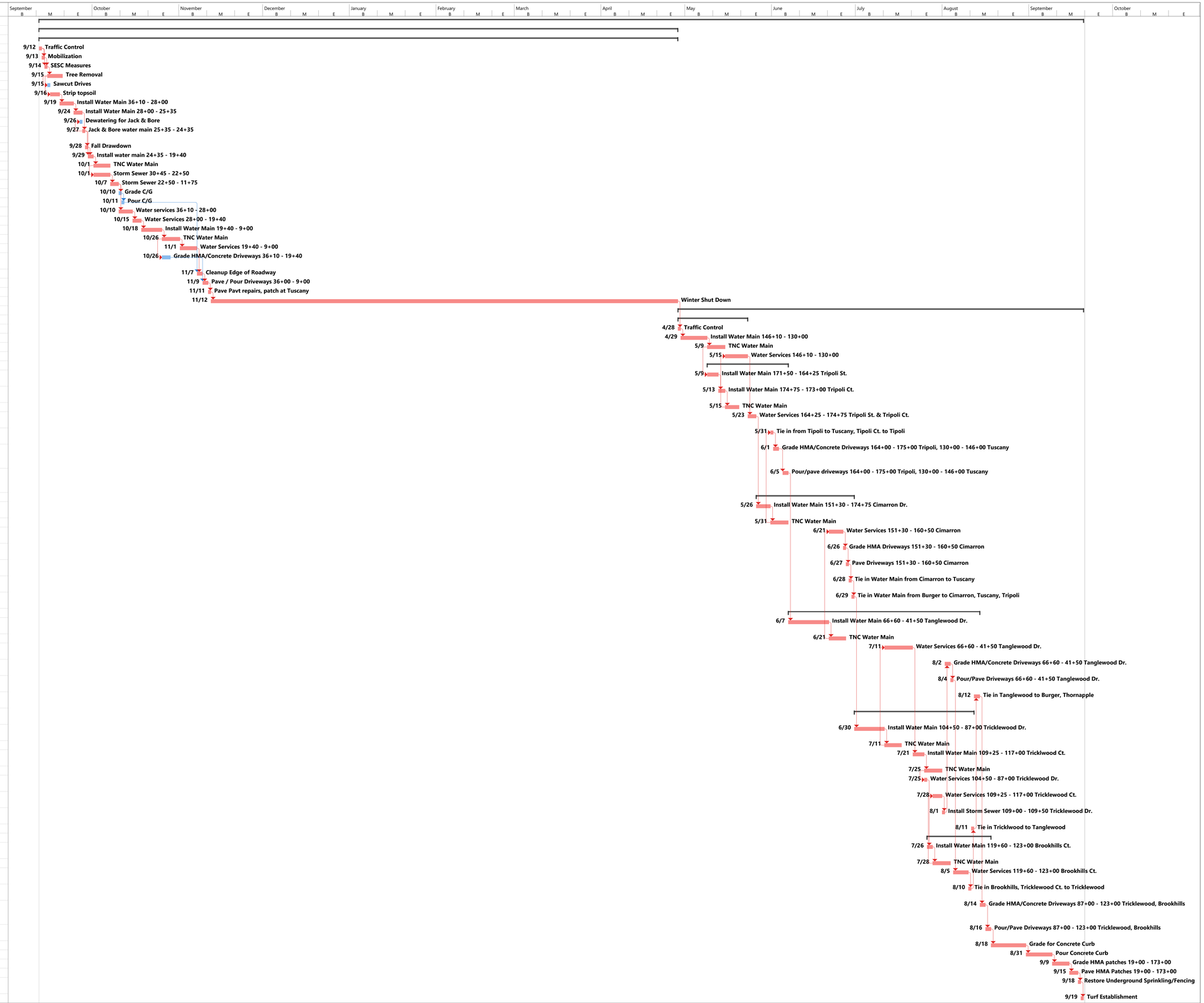ID	Task Name	Duration	Start	Finish	Predecessors	Successors
1	**CASCADE W/M**	**308 days**	**Mon 9/12/22**	**Wed 9/20/23**		
2	**Phase 1 - 2022**	**189 days**	**Mon 9/12/22**	**Fri 4/28/23**		
3	**BUGER DRIVE**	**189 days**	**Mon 9/12/22**	**Fri 4/28/23**		
4	Traffic Control	1 day	Mon 9/12/22	Mon 9/12/22		5,6
5	Mobilization	1 day	Tue 9/13/22	Tue 9/13/22	4	6
6	SESC Measures	1 day	Wed 9/14/22	Wed 9/14/22	4,5	7
7	Tree Removal	4 days	Thu 9/15/22	Tue 9/20/22	6	9SS+1 day,8SS
8	Sawcut Drives	1 day	Thu 9/15/22	Thu 9/15/22	7SS	
9	Strip topsoil	2 days	Fri 9/16/22	Mon 9/19/22	7SS+1 day	10
10	Install Water Main 36+10 - 28+00	5 days	Mon 9/19/22	Sat 9/24/22	9	11
11	Install Water Main 28+00 - 25+35	2 days	Sat 9/24/22	Tue 9/27/22	10	13
12	Dewatering for Jack & Bore	1 day	Mon 9/26/22	Tue 9/27/22	13SS-1 day	
13	Jack & Bore water main 25+35 - 24+35	1 day	Tue 9/27/22	Wed 9/28/22	11	15,14,12SS-1 day
14	Fall Drawdown	1 day	Wed 9/28/22	Thu 9/29/22	13	15
15	Install water main 24+35 - 19+40	2 days	Thu 9/29/22	Sat 10/1/22	13,14	16
16	TNC Water Main	5 days	Sat 10/1/22	Fri 10/7/22	15	17SS
17	Storm Sewer 30+45 - 22+50	5 days	Sat 10/1/22	Fri 10/7/22	16SS	18
18	Storm Sewer 22+50 - 11+75	2 days	Fri 10/7/22	Mon 10/10/22	17	21,19
19	Grade C/G	1 day	Mon 10/10/22	Tue 10/11/22	18	20
20	Pour C/G	1 day	Tue 10/11/22	Wed 10/12/22	19	27
21	Water services 36+10 - 28+00	5 days	Mon 10/10/22	Sat 10/15/22	18	22
22	Water Services 28+00 - 19+40	2 days	Sat 10/15/22	Tue 10/18/22	21	23
23	Install Water Main 19+40 - 9+00	6 days	Tue 10/18/22	Tue 10/25/22	22	24
24	TNC Water Main	5 days	Wed 10/26/22	Tue 11/1/22	23	26SS,25
25	Water Services 19+40 - 9+00	5 days	Tue 11/1/22	Mon 11/7/22	24	27
26	Grade HMA/Concrete Driveways 36+10 - 19+40	3 days	Wed 10/26/22	Fri 10/28/22	24SS	28
27	Cleanup Edge of Roadway	2 days	Mon 11/7/22	Wed 11/9/22	25,20	28
28	Pave / Pour Driveways 36+00 - 9+00	2 days	Wed 11/9/22	Fri 11/11/22	26,27	29
29	Pave Pavt repairs, patch at Tuscany	1 day	Fri 11/11/22	Sat 11/12/22	28	30
30	Winter Shut Down	137 days	Sat 11/12/22	Fri 4/28/23	29	33
31	**Phase 1 - 2023**	**119 days**	**Fri 4/28/23**	**Wed 9/20/23**		
32	**Tuscany Drive**	**20 days**	**Fri 4/28/23**	**Tue 5/23/23**		
33	Traffic Control	1 day	Fri 4/28/23	Sat 4/29/23	30	34
34	Install Water Main 146+10 - 130+00	7 days	Sat 4/29/23	Mon 5/8/23	33	35
35	TNC Water Main	5 days	Tue 5/9/23	Mon 5/15/23	34	38SS
36	Water Services 146+10 - 130+00	7 days	Mon 5/15/23	Tue 5/23/23	40SS	41
37	**Tripoli Street & Tripoli Court**	**24 days**	**Tue 5/9/23**	**Tue 6/6/23**		
38	Install Water Main 171+50 - 164+25 Tripoli St.	4 days	Tue 5/9/23	Fri 5/12/23	35SS	39
39	Install Water Main 174+75 - 173+00 Tripoli Ct.	1 day	Sat 5/13/23	Mon 5/15/23	38	40
40	TNC Water Main	5 days	Mon 5/15/23	Sat 5/20/23	39	36SS
41	Water Services 164+25 - 174+75 Tripoli St. & Tripoli Ct.	3 days	Tue 5/23/23	Fri 5/26/23	36	46
42	Tie in from Tipoli to Tuscany, Tipoli Ct. to Tipoli	1 day	Wed 5/31/23	Thu 6/1/23	47SS	43
43	Grade HMA/Concrete Driveways 164+00 - 175+00 Tripoli, 130+00 - 146+00 Tuscany	2 days	Thu 6/1/23	Sat 6/3/23	42	44
44	Pour/pave driveways 164+00 - 175+00 Tripoli, 130+00 - 146+00 Tuscany	2 days	Mon 6/5/23	Tue 6/6/23	43	54
45	**Cimarron Drive**	**29 days**	**Fri 5/26/23**	**Fri 6/30/23**		
46	Install Water Main 151+30 - 174+75 Cimarron Dr.	4 days	Fri 5/26/23	Wed 5/31/23	41	47
47	TNC Water Main	5 days	Wed 5/31/23	Tue 6/6/23	46	42SS
48	Water Services 151+30 - 160+50 Cimarron	4 days	Wed 6/21/23	Mon 6/26/23	55SS	49
49	Grade HMA Driveways 151+30 - 160+50 Cimarron	1 day	Mon 6/26/23	Tue 6/27/23	48	50
50	Pave Driveways 151+30 - 160+50 Cimarron	1 day	Tue 6/27/23	Wed 6/28/23	49	51
51	Tie in Water Main from Cimarron to Tuscany	1 day	Wed 6/28/23	Thu 6/29/23	50	52
52	Tie in Water Main from Burger to Cimarron, Tuscany, Tripoli	1 day	Thu 6/29/23	Fri 6/30/23	51	61
53	**Tanglewood Drive**	**56 days**	**Wed 6/7/23**	**Mon 8/14/23**		
54	Install Water Main 66+60 - 41+50 Tanglewood Dr.	12 days	Wed 6/7/23	Wed 6/21/23	44	55
55	TNC Water Main	5 days	Wed 6/21/23	Tue 6/27/23	54	48SS
56	Water Services 66+60 - 41+50 Tanglewood Dr.	9 days	Tue 7/11/23	Fri 7/21/23	62SS	63
57	Grade HMA/Concrete Driveways 66+60 - 41+50 Tanglewood Dr.	2 days	Wed 8/2/23	Thu 8/3/23	67	58
58	Pour/Pave Driveways 66+60 - 41+50 Tanglewood Dr.	1 day	Fri 8/4/23	Fri 8/4/23	57	72
59	Tie in Tanglewood to Burger, Thornapple	1 day	Sat 8/12/23	Mon 8/14/23	68	74
60	**Tricklewood Drive & Tricklewood Court**	**35 days**	**Fri 6/30/23**	**Sat 8/12/23**		
61	Install Water Main 104+50 - 87+00 Tricklewood Dr.	8 days	Fri 6/30/23	Tue 7/11/23	52	62
62	TNC Water Main	5 days	Tue 7/11/23	Mon 7/17/23	61	56SS
63	Install Water Main 109+25 - 117+00 Tricklwood Ct.	3 days	Fri 7/21/23	Tue 7/25/23	56	64
64	TNC Water Main	5 days	Tue 7/25/23	Mon 7/31/23	63	65SS
65	Water Services 104+50 - 87+00 Tricklewood Dr.	1 day	Tue 7/25/23	Wed 7/26/23	64SS	70
66	Water Services 109+25 - 117+00 Tricklewood Ct.	2 days	Fri 7/28/23	Mon 7/31/23	71SS	67
67	Install Storm Sewer 109+00 - 109+50 Tricklewood Dr.	1 day	Tue 8/1/23	Tue 8/1/23	66	57
68	Tie in Tricklwood to Tanglewood	1 day	Fri 8/11/23	Sat 8/12/23	73	59
69	**Brookhills Court**	**19 days**	**Wed 7/26/23**	**Fri 8/18/23**		
70	Install Water Main 119+60 - 123+00 Brookhills Ct.	2 days	Wed 7/26/23	Fri 7/28/23	65	71
71	TNC Water Main	5 days	Fri 7/28/23	Thu 8/3/23	70	66SS
72	Water Services 119+60 - 123+00 Brookhills Ct.	4 days	Sat 8/5/23	Thu 8/10/23	58	73
73	Tie in Brookhills, Tricklewood Ct. to Tricklewood	1 day	Thu 8/10/23	Fri 8/11/23	72	68
74	Grade HMA/Concrete Driveways 87+00 - 123+00 Tricklewood, Brookhills	2 days	Mon 8/14/23	Wed 8/16/23	59	75
75	Pour/Pave Driveways 87+00 - 123+00 Tricklewood, Brookhills	2 days	Wed 8/16/23	Fri 8/18/23	74	76
76	Grade for Concrete Curb	10 days	Fri 8/18/23	Wed 8/30/23	75	77
77	Pour Concrete Curb	8 days	Thu 8/31/23	Sat 9/9/23	76	78
78	Grade HMA patches 19+00 - 173+00	5 days	Sat 9/9/23	Fri 9/15/23	77	79
79	Pave HMA Patches 19+00 - 173+00	2 days	Fri 9/15/23	Mon 9/18/23	78	80
80	Restore Underground Sprinkling/Fencing	1 day	Mon 9/18/23	Tue 9/19/23	79	81
81	Turf Establishment	1 day	Tue 9/19/23	Wed 9/20/23	80