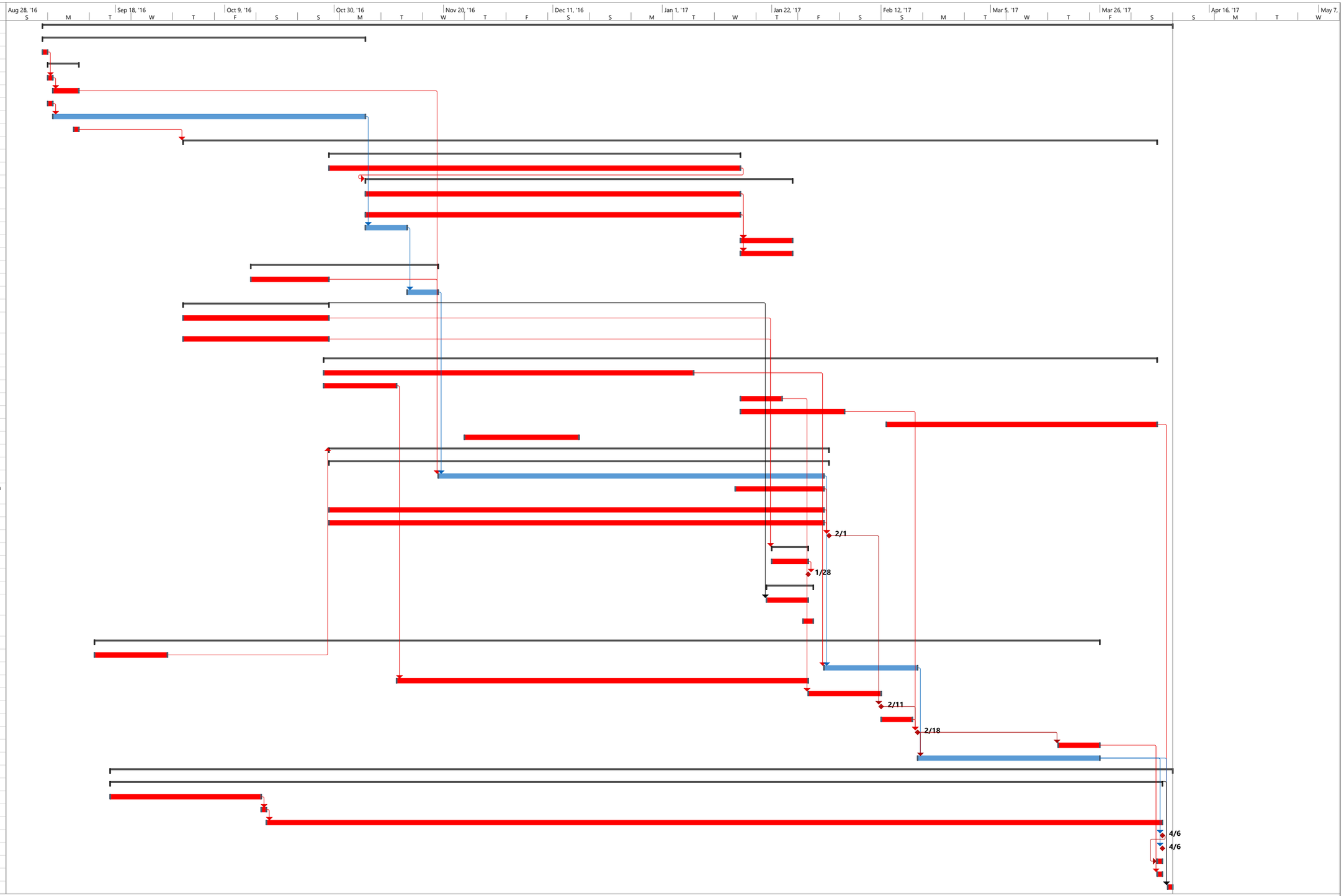
ID	Task Name
1	**NAU ASCE 2016-2017 Concrete Canoe**
2	**1.0 Project Management**
3	1.1 Concrete Canoe Team Set
4	**1.2 Project Preparation**
5	1.2.1 Safety Training
6	1.2.2 Building Access
7	1.3 Budgeting
8	1.4 Fundraising
9	1.5 ASCE Conference Rule Review
10	**2.0 Analysis and Design**
11	**2.1 Hull Analysis**
12	2.1.1 Buoyant Force
13	**2.2 Structural Analysis**
14	2.2.1 Shear and Moment Analysis, Cross Sectional Analysis
15	2.2.2 Flexural Capacity
16	2.2.3 2D/3D Analysis
17	2.2.4 Bulkhead Design
18	2.2.5 Rib Design
19	**2.3 Concrete Mix Design**
20	2.3.1 Material Research
21	2.3.2 Acquire Materials
22	**2.4 Reinforcement**
23	2.4.1 Research Reinforcement Materials
24	2.4.2 Research Post-tensioning Materials
25	**2.5 Construction Management**
26	2.5.1 Mold Re-design
27	2.5.2 Table Re-design
28	2.5.3 Incubator System Design
29	2.5.4 Pour Day Requirements
30	2.5.5 Canoe Transport Design
31	2.5.6 Post-tensioning Design
32	**3.0 Testing**
33	**3.1 Concrete Mix Design**
34	3.1.1 Concrete Mixing and Testing
35	3.1.2 Concrete Stain and Pigmentation
36	3.1.3 Flexural Testing
37	3.1.4 Tensile Testing
38	3.1.5 Mix Design Selection
39	**3.2 Reinforcement**
40	3.2.1 Reinforcement Testing
41	3.2.2 Reinforcement Selection
42	**3.3 Composite Testing and Design**
43	3.3.1 Concrete with Reinforcement Testing
44	3.3.2 Post-tensioning Anchorage System Testing
45	**4.0 Construction**
46	4.1 Inventory and Farm Clean-up
47	4.2 Mold Fabrication
48	4.3 Table Renovation
49	4.4 Incubator Construction
50	4.5 Test Pouring
51	4.6 Final Mix/Batch Preparation
52	4.7 Canoe Pour
53	4.8 Canoe Artwork and Design
54	4.9 Canoe Finishing
55	**5.0 ASCE PSWC Conference**
56	**5.1 Paddling**
57	5.1.1 Start Paddling Practice
58	5.1.2 Select Teams and Positions
59	5.1.3 Continue Paddling Practice
60	5.2 Design Report
61	5.3 Engineer's Notebook
62	5.4 Presentation Day
63	5.5 Final Product Display
64	5.6 Canoe Races



Project: Paddlegonia 2016-201
Date: Tue 5/9/17

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