

Task	SENG	PE	Technician	EIT
Task 1: Due Diligence				
Task 1.1: Zoning Due Diligence	0	0	0	2
Task 1.2: Arizona 811	0	0	3	0
Task 2: Surveying				
Task 2.1: Survey	0	0	46	6
Task 2.2: Topographic Map	0	4	0	4
Task 3: Field Investigation				
Task 3.1: Sampling Plan	0	3	2	6
Task 3.2: Safety Plan	0	0	1	3
Task 3.3: Geotechnical Sampling	0	2	16	8
Task 3.4: Infiltration Testing	0	0	15	10
Task 3.4: Existing Slab Analysis	0	0	2	1
Task 4: Hydrology				
Task 4.1: Previous Studies	0	0	0	2
Task 4.2: Basin Delineation				
Task 4.2.1: Major Basin Delineation	0	0	0	2
Task 4.2.2: Sub-Basin Delineation	0	0	0	1
Task 4.3: Sub-Basin Variables				
Task 4.3.1: Flow Routing	0	0	0	2
Task 4.3.2: Time of Concentration	0.5	1	0	2.5
Task 4.3.3: Weighted Curve Number	0.5	0	0	3
Task 4.3.4: Sub-basin Storage:				
Task 4.4: Hydrograph Development				
Task 4.5: Storm Event Runoff Deter.				
Task 4.5.1: Existing	0	0	0	1
Task 4.5.2: Proposed	0	0	0	1.5
Task 5: Hydraulics				
Task 5.1: Previous Studies	0	0	0	1
Task 5.2 Proposed Channel Hydraulics	0	5	0	2
Task 6: Geotechnical Analysis				
Task 6.1: Previous Studies	0	0	0	1
Task 6.2: Laboratory Testing	0	0	51.5	7
Task 7: Site Design				
Task 7.1: Develop Alternatives	0	1	2	1
Task 7.2: Decision Matrix	1	3	1	1
Task 7.3: Drainage Plan	0	0	0	17
Task 7.3.1: Grading	0	0	0	0.5
Task 7.3.2: Cut/fill				
Task 7.4 Construction Drawings	0.5	1	0	7.5
Task 7.5 Cost Estimate	0	0	3	3
Task 8: Impacts				
Task 8.1: Environmental	0	0	0	2
Task 8.2: Economic Impacts	0	3	0	0
Task 8.3: Social Impacts	0	0	0	0
Task 9: Deliverables				
Task 9.1: 30% Submittal				
Task 9.1.1: 30% Report	0	6	5	8
Task 9.1.2: 30% Presentation	0	4	0	4
Task 9.2: 60% Submittal				
Task 9.2.1: 60% Report	2.5	18	1	8
Task 9.2.2: 60% Presentation	1	3.5	3	6
Task 9.3: 90% Submittal				
Task 9.3.1: 90% Report	4	8	2	9
Task 9.3.2: 90% Presentation	0.5	1	0.5	6
Task 9.3.3: 90% Website	0	0	0	3
Task 9.4: Final Submittal				
Task 9.4.1: Final Report	1	7	4	8
Task 9.4.2: Final Construction Docs	1	6	0	6
Task 9.4.3: Final Presentation	1	5	0	2
Task 9.4.4: Final Website	0	5	0	1
Task 10: Project Management				
Task 10.1: Meetings				
Task 10.1.1: Grading Instructor	7	7	7	7
Task 10.1.2: Technical Advisor	2	2	2	2
Task 10.1.3: Client				
Task 10.1.4: Team	7	6	7	6.5
Task 10.2: Schedule/Resource Management	2.5	19	0	12.5
TOTAL	32	120.5	174	187

513.5