

AAMP Engineering

Fanning Wash & Soliere Low Water Crossing

Staffing Plan

The tables below show the total number of hours broken down into the estimated amount of work hours for each task for each position. The positions include the following

CEN: Chief Engineer

PEN: Project Engineer

INT: Intern

TEC: Technician

See the tables below for the estimated number of work hours and summary of work hours for each position.

The table below shows the scope of work of each project member plus the estimated hours required to complete the task.

Tasks	CEN-hours	PEN-hours	INT-hours	TEC-hours	Total Hours
Task 1.0 Preliminary Site Research	-	-	-	-	-
Task 1.1 Existing I-40 Culvert Research	3	3	10	5	21
Task 1.2 Standard and Codes Research	4	3	1	0	8
Task 2.0 Field and Lab Work	-	-	-	-	-
Task 2.1 Site Mapping	-	-	-	-	-
Task 2.1.1 Site Inventory	0	1	7	5	13
Task 2.1.2 Survey Site	0	1	15	15	31
Task 2.1.3 Topographic Map	0	1	20	20	41
Task 2.2 Geotechnical Analysis	0	0	15	20	35
Task 2.2.1 Sampling Plan	0	1	10	10	21
Task 2.2.2 Sampling	0	0	12	16	28
Task 2.2.3 Particle Size and Sieve Analysis Test	0	0	7	10	17
Task 2.2.4 Soil Limits Testing	0	0	7	10	17
Task 3.0 HEC-RAS Hydraulic Analysis	10	20	15	10	55
Task 4.0 Design Alternatives & Selection of Final Design	-	-	-	-	-
Task 4.1 Develop Alternatives	12	12	0	0	24
Task 4.2 Analysis Alternatives	1	1	5	0	7
Task 4.2.1 Preliminary Hydraulic Models	13	15	10	0	38
Task 4.2.2 Decision Matrix	3	10	6	0	19
Task 4.2.3 Select Final Design	3	5	2	0	10
Task 5.0 Final Design	-	-	-	-	-
Task 5.1 Plan Set Development	2	2	2	20	26
Task 5.2 Construction Cost Estimate	2	5	2	2	11
Task 6.0 Impacts	1	2	1	1	5
Task 7.0 FEMA Floodplain Analysis	5	10	10	5	30
Task 8.0 Deliverables	-	-	-	-	-
Task 8.1 30% Submittal	-	-	-	-	-
Task 8.1.1 30% Design Report	4	6	0	0	10
Task 8.1.2 30% Presentation	1	1	2	1	5
Task 8.1.3 30% Plan Set	1	1	1	1	4
Task 8.2 60% Submittal	-	-	-	-	-
Task 8.2.1 60% Design Report	5	5	0	0	10
Task 8.2.2 60% Presentation	2	1	2	1	6
Task 8.2.3 60% Plan Set	2	2	2	1	7
Task 8.3 90% Submittal	-	-	-	-	-
Task 8.3.1 90% Report	3	1	0	0	4
Task 8.3.2 90% Presentation	1	1	1	1	4
Task 8.3.3 90% Plan Set	1	1	1	1	4
Task 8.3.4 90% Website	0	1	1	1	3
Task 8.4 Final Submittal	-	-	-	-	-
Task 8.4.1 Final Report	3	5	0	0	8
Task 8.4.2 Final Presentation	1	1	1	1	4
Task 8.4.3 Final Plan Set	2	2	1	1	6
Task 8.4.4 Final Website	0	1	2	2	5
Task 9.0 Project Management	-	-	-	-	-
Task 9.1 Resource Management	10	8	0	0	18
Task 9.2 Team Management and Meetings	20	20	20	20	80
Total Hours	115	149	191	180	635

The table below shows the summary for staff hours in the project.

Staff	Hours
CEN	115
PEN	149
INT	191
TEC	180
Totals	635