

Land Transport Authority

Job Description

Date:	September 2026	Position Title	Engineering Officer- Drainage, Coastal/ Seawall & Riverway Protection
Division:	PROCUREMENT & PROGRAMMING	Classification Level	G4/S1-G4/S7 \$23,128.73-\$28,545.89 p.a.
Reports to:	Reports to the Principal Engineering Officer / Civil Engineer through the Senior Engineering Officer		

Primary Objective

To assist the Principal Engineer Drainage & Coastal of the Division in carrying out day-to-day technical tasks, site measurements, data collection, and physical inspections for drainage systems, coastal/seawall, and riverway protection assets. The position provides direct technical support in contractor supervision, asset inventory mapping, logging public complaints, and ensuring routine drainage maintenance activities are executed in according to LTA standards.

Responsibilities

1	Assist the Principal Road Safety & Drainage Engineer by undertaking field work such as site inspections of drainage systems (DRM) under the Drainage Routine Maintenance Program within CBD, Komiti o Alavai inspections and related works and other drainage related works submitted through Community Service Obligations (CSO's), data collection, and checking new works on safety improvements.
2	Carry out routine field inspections and visual assessments of drainage channels, culverts, seawalls, and riverbanks in designated Drainage Routine Maintenance (DRM) Zones.
3	Log and perform preliminary field investigations for Community Service Obligation (CSO) requests and drainage-related public complaints, recording GPS coordinates and photos.
4	Conduct site checks in CBD and low-lying areas during heavy rain events to observe drainage bottlenecks, local flooding, and overflow issues.
5	Collect and record physical asset condition data across Upolu and Savai'i to support the continuous updating of the Drainage, Coastal, and River Asset Registers.
6	Assist Senior Officers in verifying contractor site logs, work quantities, and physical completion of works for monthly payment claims.
7	Gather field baseline measurements and environmental data required for coastal and river protection planning.
8	Assist in inspecting road reserve developments to ensure public drainage flow paths and protection structures are not obstructed or damaged.
9	Assist in drafting minor standard details, simple civil sketches, and taking off work quantities for small maintenance jobs.
10	Report technical defects, structural failures, and high-risk drainage/coastal points immediately to the Senior Engineering Officer. Maintain accurate daily work logs, photo registers, and inspection checklists for all assigned site visits.

Selection Criteria		Essential - Desirable	Weighting
Qualification	Tertiary qualification in an engineering discipline such as NZCE, NZ Diploma of Highway Technology, Australian Diploma (AQF) Engineering OR Equivalent	Essential	
Work Experience	Minimum 1 years of relevant work experience, particularly infrastructural works.	Essential	

Knowledge and Skills	Experience in simple engineering design of minor road infrastructure developments	Essential	
	Experience in contract tender process, bidding and contract management	Essential	
	Strong written and verbal communication in both English and Samoan language.	Essential	
	Sound knowledge of Engineering standards and contract management standards.	Desirable	
	Knowledge of the Samoa road construction industry	Desirable	
	Knowledge of relevant legislations (LTA Act & LTA Regulations)	Desirable	
	Demonstrated ability to work under minimum supervision	Essential	
	Should be computer literate and has a valid driver's license	Essential	

Competencies	
1	Attention to Detail & Field Measurement Accuracy
2	Teamwork & Active Support
3	Site Safety & Compliance Awareness
4	Data Logging & Record Keeping
5	Adaptability to Field Work & Outdoor Operations