

DRAFT PROJECT CHARTER

1 Project title

Smart Infrastructure Specifications (linking with TfNSW Policy Acceleration (SIPA) Program)

2 Project purpose

Develop best practice design specifications for smart infrastructure to help deliver the Western City Digital Action Plan and the Digital Western Parkland City.

This project will involve expert assistance through a partnership with TfNSW for developing the specifications.

3 Project objectives

The project objectives are:

- To work collaboratively across Western Sydney Councils to develop common smart infrastructure design specifications.
- To commission and apply expert input jointly to assist local councils in developing specifications.
- To survey digital maturity of local councils and assess current solutions based on Technology Readiness Levels (TRLs).
- To conduct future technology scan and inherent gap analysis.
- To link with wider work on standardised digital data platform being developed across the WSPP councils.
- To identify vision for future-state for smart places as the basis for local smart infrastructure specifications.
- To develop solutions and detailed specifications for the digital technology that can be included as part of local council infrastructure, for delivery through agreements and approvals with, for example, private sector developers and through council works.
- Develop specifications in a manner that they can be used to update (or as an addendum) to the Street Design Guidelines and Western Sydney Engineering Design Manual
- To collaborate with WSPP local councils to develop a policy & implementation approach for the incorporation of smart Infrastructure requirements (i.e., what asset types, what asset value?). This will reflect different levels of digital maturity and consider the costs as well as potential lifecycle benefit implications (i.e., total cost of ownership).
- To prepare a SI design specification guideline, that can be publicly available, considered for adoption by local councils, as the best practice guide to local government smart infrastructure delivery.