

North SeaTac Park Master Plan Survey

SeaTac, Washington

Owner: City of SeaTac

Description: INCA Engineers, Inc., A Tetra Tech Company (INCA) provided a variety of survey and mapping services for the design of the proposed North SeaTac Park. The 260-acre site encompasses residential neighborhoods vacated as part of the Airport's noise reduction program, and is scheduled to be developed as a multi-use complex of trails, playfields, community center, tennis courts, and open space. In addition, INCA provided the client with transportation support services, including traffic data used to establish existing arterial traffic conditions, and estimates of traffic volumes that would be generated by park activities.

Phase One: Included mapping flagged wetland locations, and the field edit and interior detailing of existing storm and sanitary sewer facilities.

Phase Two: Included a complete boundary survey, underground storage tank locations, tree locations, and a detailed one-foot contour interval topographic mapping of the proposed playfield and trail areas.

INCA accomplished the survey and mapping of the site using radial mapping techniques with an electronic total station and data collector. The boundary survey and topographic mapping was compiled and produced in digital format using AutoCAD Release 11 software.

Special Features:

- ▶ 260-acre site
- ▶ Mapped flagged wetlands
- ▶ Detailed storm and sanitary sewer facilities
- ▶ Boundary survey, underground tank locations, and tree locations
- ▶ Detailed one-foot contour, interval topographic mapping

