

## **LOGAN TRANSIT DISTRICT ADMINISTRATIVE/MAINTENANCE FACILITY SITING ANALYSIS**

**Project Location**

Logan, Utah

**Client**

Cache Metropolitan Planning Organization

**Project Manager**

Gordon Shaw

**Date**

1996



**Reference**

Ron Bushman  
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**Description**

LSC Transportation Consultants, Inc. was retained by the City of Logan to conduct a study regarding the facility requirements and optimal site location for a transit maintenance facility for the Logan Transit District (LTD). The LTD service had been operating out of an inadequate leased facility. Based upon the results of a transit plan recently prepared for the service, LSC prepared 20-year forecasts of maintenance, operations, and administrative space needs. An adjacency analysis was then conducted to identify a recommended site plan, and value engineering techniques applied to determine the appropriate vehicle maintenance and storage requirements, and the viability of on-site fueling.

Using the recommended building program, LSC identified and evaluated six potential facility sites. Information was collected and evaluated regarding existing zoning, adjacent land uses, potential hazards, existence of habitat for endangered/threatened species, and availability of utilities. In addition, a "life cycle" costing was developed regarding the impact of each site on LTD operational costs (specifically the impact on deadhead operations). Finally, an evaluation was conducted regarding the potential for shared use of maintenance equipment and staff with other City functions.

Based upon this evaluation process, a preferred site was identified, and a recommended site plan developed. An environmental checklist was compiled, which identified that the facility would not require more detailed environmental documentation. Using the results of the study, the City was appropriated a \$1,000,000 Federal Transit Administration 5309 grant.