



Figure 1: Anderson LRT Station Pedestrian Bridge – South Side View



Figure 2: Anderson Station LRT Pedestrian Bridge -North Side View



Figure 3: West Ramp



Figure 4: East Ramp



Figure 5: Exterior walkway



Figure 6: Covered walkway



Figure 7: East Ramp Soffit - Longitudinal cracks, rust stains



Figure 8: East Ramp Soffit -Spalling of concrete, rebar exposed



Figure 9: East Ramp Pier -Rebar exposed on diaphragm, rust stains



Figure 10: East Ramp Pier - Rust stains



Figure 11: East Ramp Soffit - Longitudinal and transverse cracks, exposed rebar on diaphragm



Figure 12: East Ramp Soffit - Longitudinal and transverse cracks with rust stains



Figure 13: Paint peeling off on steel truss

Technical Memorandum

To: City of Calgary – Transportation Infrastructure Date: 2015 Dec 04
Copy: Client Project #: 15-1647
From: Parsons Project #:

RE: Anderson LRT Station Pedestrian Overpass – Context Architectural Accessibility and Lighting

Introduction

Anderson LRT station Pedestrian overpass is located between the southwest community of Southwood to the west and the Anderson C-Train station and parking areas to the east.

The pedestrian bridge forms the west end of a pedestrian network that extends east from the C-Train station to Macleod Trail, over Macleod Trail via an additional pedestrian bridge and ultimately to the southland shopping complex with connections into adjacent communities of Willow Park and Lake Bonavista.

The current pedestrian bridge being reviewed under this study consists of a concrete ramping structure over the C-Train tracks, with connection into the C-Train station itself. The ramps on the west side of the tracks pose a privacy issue with dwellings located on Sabrina Bay SW as well as providing limited access to the north, which in turn has fostered an informal footpath through to the adjacent Laneway.



Figure 1: IMAGE OF EXISTING BRIDGE

Community: Southwood

Southwood was established in 1959, with a current population of 6,357 based on City of Calgary 2014 census data. The community has a core of single family dwellings, with several key commercial areas on the edges. To the north is Southland Drive, west