



## East 40<sup>th</sup> Avenue Extension Lake Otis Parkway to Dale Street PROJECT FACT SHEET

**Street Name** East 40<sup>th</sup> Avenue

**Between** Lake Otis Parkway to Dale Street  
(Lake Otis Parkway to Piper Street – proposed extension  
Piper Street to Dale Street – upgrade of existing section)

**Classification** Neighborhood Collector (proposed)

<b>Lanes/Speed</b>	<b>Street</b>	<b>Lanes</b>	<b>Speed</b>	
			<b>Posted</b>	<b>85%</b>
2 lanes/25 mph (proposed)	East 40th Avenue	1 lane each direction	25 (proposed)	N/A

<b>Traffic ADT</b>	Lake Otis Pkwy to Laurel St.	<b>8,000 (2025, projected)</b>
	Laurel St. to Piper St.	<b>5,500 (2025, projected)</b>
	Piper St. to Dale St.	<b>2,750 (2025, projected)</b>

**Transit Service** None planned on project corridor  
Routes 1, 2, 3, 13, 36, 45, and 102 serve the surrounding area

**Community Council** University Area, Tudor Area

**Assembly District** Section 4 – Dick Traini and Dan Coffey

**Legislative District** House District 22- Sharon Cissna  
Senate District K- Bettye Davis  
House District 24- Berta Gardner  
Senate District L- Johnny Ellis

<b>CIP Information</b>	<u>PM&amp;E project number</u>	06-011
	Design	\$827,250
	ROW	\$550,000
	Utilities	\$60,000
	Bid Phase	N/A
	Construction	\$8,959,414
	<b>TOTAL PROJECT ESTIMATE</b>	<b>\$10,672,414</b>

**MOA GRID** SW1734 & SW1735

**Project Nominated By** Tudor Area Community Council

**Known Issues** 48-inch sanitary sewer trunk line from Wright St. to Dale St.  
Earthwork required to level hill between Laurel St. and Folker St.

**Schools**

Elementary  
Lake Otis Elementary

Middle  
Wendler Middle

High  
East High

**PLAN CONFORMANCE**

- L RTP**
  - o Project Number 226, page 130  
(<http://www.muni.org/iceimages/transplan/LRTPChapter8.pdf>)
  - o Street typology – Residential
    - Primary Elements include sidewalks, tree lawns, on-street parking, landscaped medians, bike lanes on designated bicycle routes
    - Secondary Elements include number and width of lanes
    - Traffic Management Elements include medians, on-street parking, street trees, narrower travel lanes, traffic circles and roundabouts, reduced pedestrian crossing distances at intersections, using curb extensions, traffic islands, and other measures
  
- Official Streets and Highways Plan** – Road classified as a Class 1 Collector. Function is to collect traffic from local streets and carry it to the arterial system.  
(<http://www.muni.org/zoning/os&hp.cfm>)
  
- Zoning/Comprehensive Plan** – The extension provides employment center core connectivity as stated in the Anchorage 2020/Anchorage Bowl Comprehensive Plan, Chapter 4, page 51 (<http://www.muni.org/planning/CompPlan.cfm>).

- Trails Plan** – The Areawide Trails Plan identifies no trails along the project corridor. However, it shows south and east trail extensions from the existing trailhead at Dale Street. The LRTP shows the roadway project as a “road project with recommended sidewalks and/or pathway facilities” on Figure 8-6, page 123 (<http://www.muni.org/transplan/LRTP.cfm>). The LRTP lists sidewalks on both sides of the extension. However, the Tudor Area Traffic Calming Study, May 2006, identifies a sidewalk on one side of the roadway and a separated multi-use trail on the other (<http://www.dowl.com/projects/tudor/index.htm>, Section 6.1, Page 36).
- Street and Highway Landscaping Plan** – No project-relevant information found. ([http://www.muni.org/iceimages/planning/Street\\_and\\_highway\\_landscape\\_plan.pdf](http://www.muni.org/iceimages/planning/Street_and_highway_landscape_plan.pdf))
- Wetlands Management Plan** – Class A & B wetlands north of the project corridor.
- Traffic Calming** –Tudor Area Traffic Calming Study, May 2006 (DOWL) (<http://www.dowl.com/projects/tudor/index.htm>)

Intersection Choker

40<sup>th</sup> Avenue and Dale Street

Chicanes

40<sup>th</sup> Avenue between Piper Street and Dale Street

Roundabout

40<sup>th</sup> Avenue and Piper Street

- Street Lighting** – MOA Design Criteria Manual, Chapter 5, Lighting  
Medium pedestrian activity area based on 2006 pedestrian counts

Illuminance Method

Pedestrian Conflict Area – Medium

**Roadway:**

Illuminance – lux/ft, min	9.0/0.9
Uniformity Ratio – Avg/min, max	4.0

**Walkways:**

Avg horizontal illuminance – lux/ft, min	5.0/0.5
Vertical illuminance – lux/ft, min	2.0/0.2
Uniformity Ratio – Avg/min, max	4.0

- Geotech Hazards Plan** – Most of the project area falls within a moderate-low seismic zone (level 2 on a 1-5 scale), except for the section from Lake Otis Parkway to a point east approximately 250 feet which is within a moderate seismic zone (level 3).

- Drainage Plan** – No project-relevant information found.
  
- Utility Corridor Plan** – The project area is shown to be free of sewer, water, gas, and electric. Plan does not reflect sewer trunk line discussed under “Known Issues”. (<http://www.muni.org/planning/UtilityCorridorPlan.cfm>).
  
- Anchorage Bowl Park, Natural Resource, and Recreation Facility Plan** – This project accomplishes a goal of the facilities plan, which states that “access through the University-Medical District should be improved.” ([http://www.ci.anchorage.ak.us/Planning/pub\\_ParkPlan2006.cfm](http://www.ci.anchorage.ak.us/Planning/pub_ParkPlan2006.cfm), Page 81.)