



Engineering 2026 Annual Update

BAC/TAB Introduction



Our Team



Position in Org Chart:

- *Mayor's Office*
 - *Department of Community and Neighborhoods*
 - *Engineering Division*



Mission:

To serve the City and its growth by striving to exceed constituent expectations during right-of-way design and construction, with a focus on providing sustainable infrastructure



In Short:

We manage activities in the public right of way (including private permitted construction)





How Do We Serve Our City?

Roadway CIP Group	Public Way Permits Group	GIS and Asset Management Group	City Surveyor Group	Public Outreach & Information Group
<ul style="list-style-type: none">- Design and construct public way projects approved through CIP	<ul style="list-style-type: none">- Monitor work performed in the public way- Ensure City standard are upheld	<ul style="list-style-type: none">- Preserve engineering records- Manage public way assets inventory	<ul style="list-style-type: none">- Provide professional land survey services	<ul style="list-style-type: none">- Manage public outreach and communication on public way projects



Engineering Accomplishments and Initiatives

FY2025 Accomplishments

*Local Streets Projects
1100 E
Virginia St
West Temple
200 S*

FY2026 Initiatives

Pavement Condition Survey

- *Complete and assess the new pavement condition survey*
- *Update maintenance guidelines*
- *Determine a timeline for future repairs*
- *Bike lane OCI assessed this Spring*

GIS Mapping tool

- *Work interdepartmentally to finalize a new GIS mapping tool*
- *Select future projects and work zones efficiently*

2025 Pavement Condition Survey

Roadway Asset Services, LLC (RAS) performed a pavement condition assessment of our City's streets in Fall 2025

RAS calculated an Overall Condition Index (OCI) using their collected Pavement Condition Index (PCI) and International Roughness Index (IRI) data:

$$OCI = (0.88 \times PCI) + (0.11 \times IRI)$$

Overall Condition Index (OCI) Range	Condition Description	Total Area (yd2)	Percent of Total Area (yd2)	Total Distance (Centerline Miles)	Percent of Network Miles
86 - 100	Good	4,429,599	32.32%	177.51	29.7%
71 - 85	Satisfactory	3,126,441	22.81%	138.62	23.1%
56 - 70	Fair	1,714,338	12.51%	77.92	13.0%
41 - 55	Poor	1,448,523	10.57%	60.61	10.1%
26-40	Very Poor	1,897,947	13.85%	88.92	14.8%
11-25	Serious	1,008,759	7.36%	51.74	8.6%
0-10	Failed	79,075	0.58%	4.29	0.7%
Total of Rated Segments		13,704,682	100.0%	599.61	100.0%



Pavement Condition Results & Health Metrics



Network Average PCI

*The national average we see is a 65-75.
Less than 5% score above an 80*

Percent of Excellent Roads

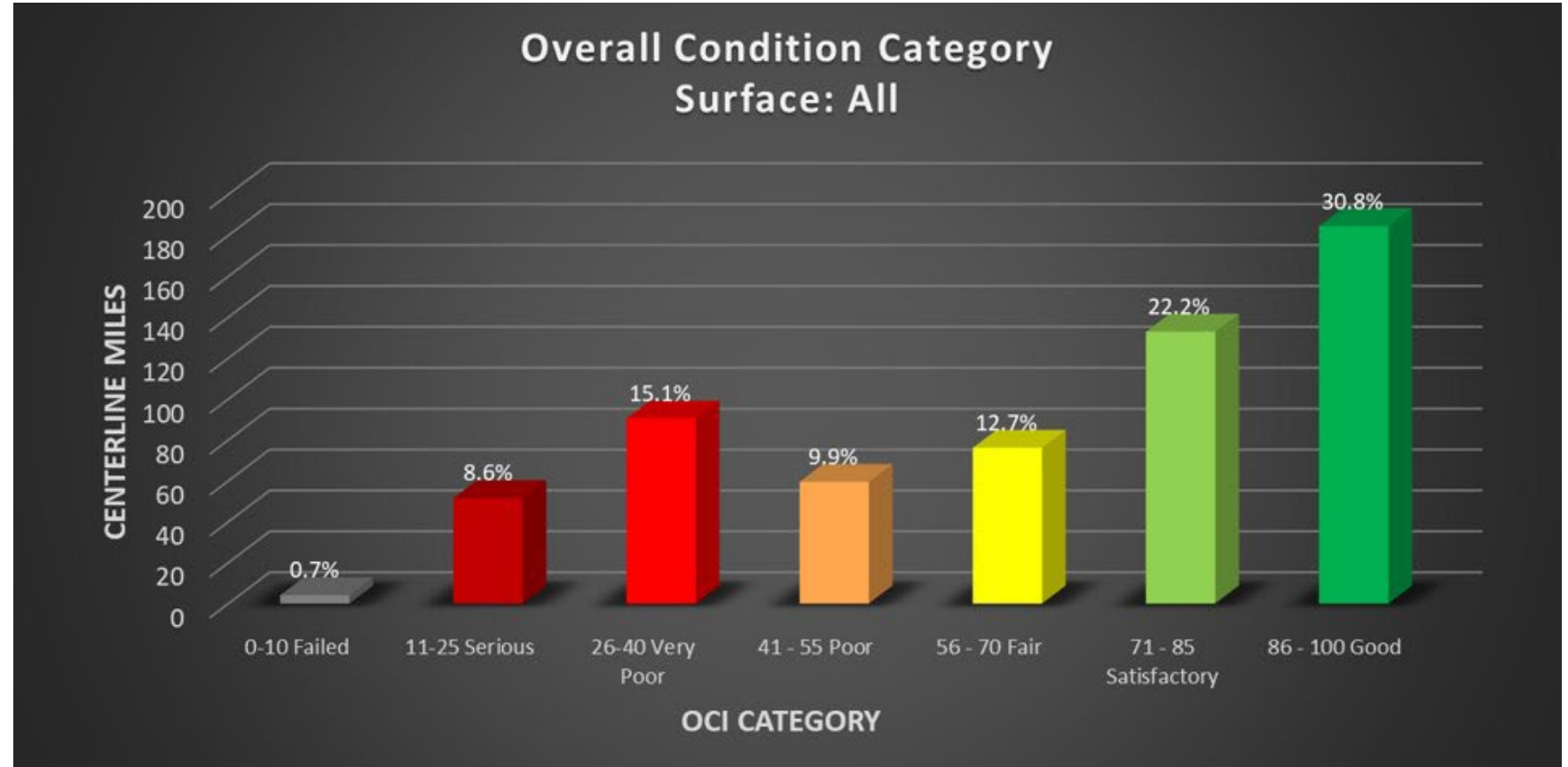
*20-30% is about the average we see across
the nation*

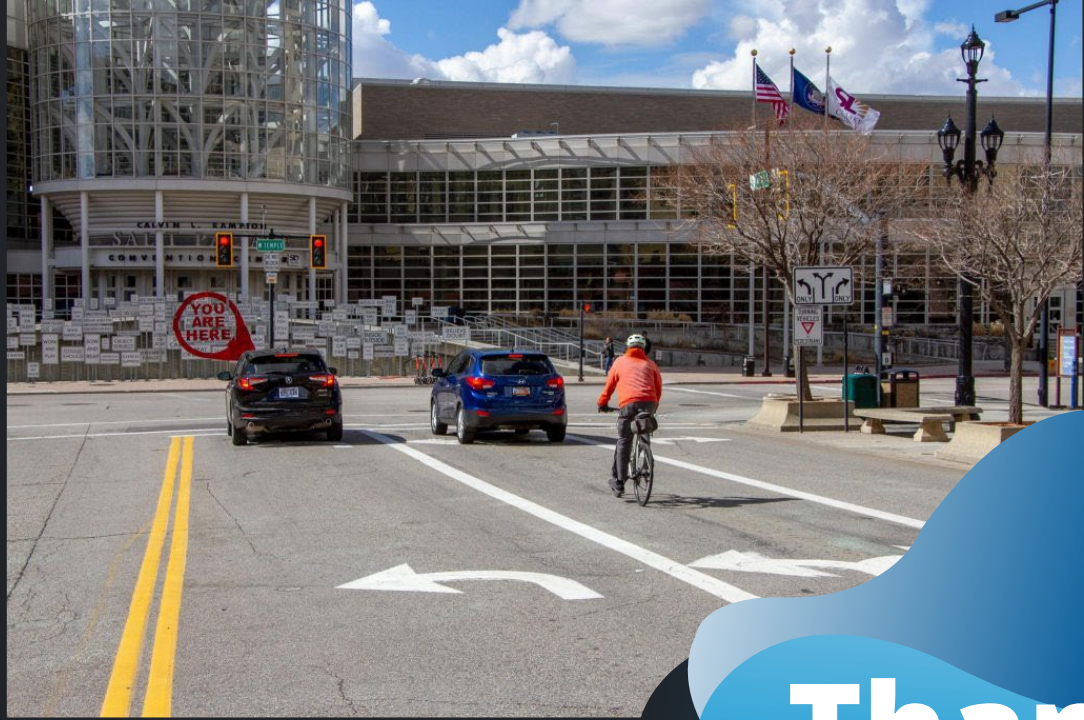
Percent of Backlog

*These are the Very Poor, Serious, &
Failed roads. Less than 10% is ideal
and 15% is a maximum recommended
mark. 20% and greater is difficult to
catch up from*

Shape of Curve

*There will always be streets in all
condition categories, Excellent to Very
Poor. City has invested to maintain the
overall network average and it is
fiscally impossible to elevate all roads
to a "Good" condition*





Thank You!

