

# 2018 Pavement Reconstruction Bond Proposal

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COMMUNITY AND NEIGHBORHOODS  
ENGINEERING DIVISION



# Bond Parameters

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Limited to reconstruction

Funds are not for street maintenance

- Preservation by Streets division
- No surface treatments or slurry seals

Two Scenarios for \$87M

- 80% (\$69.6M) for arterials and collectors and 20% (\$17.4M) for local streets
- 60% (\$52.2M) and 40% (\$34.8M) respectively

Bond Issuance

- Three bond issues preferred
- 6-year outlook

# Bond Priorities

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## First Worst Approach

- Data driven
- Pavement condition study

## Transportation Priorities

- Safety
- Multi-Modal, Complete Streets

## Public Utilities Priorities

- Curb and Gutter study, Storm Drains
- Impacts to their budget
- East West Aqueduct

## Utilize current plans where available

- Impact Fee, Capital Facilities Plans
- 9-line Plan
- Proposed list for discussion does not include new roads in NWQ

# Proposal Items to Note

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Cost estimates are just rough order of magnitude/planning level

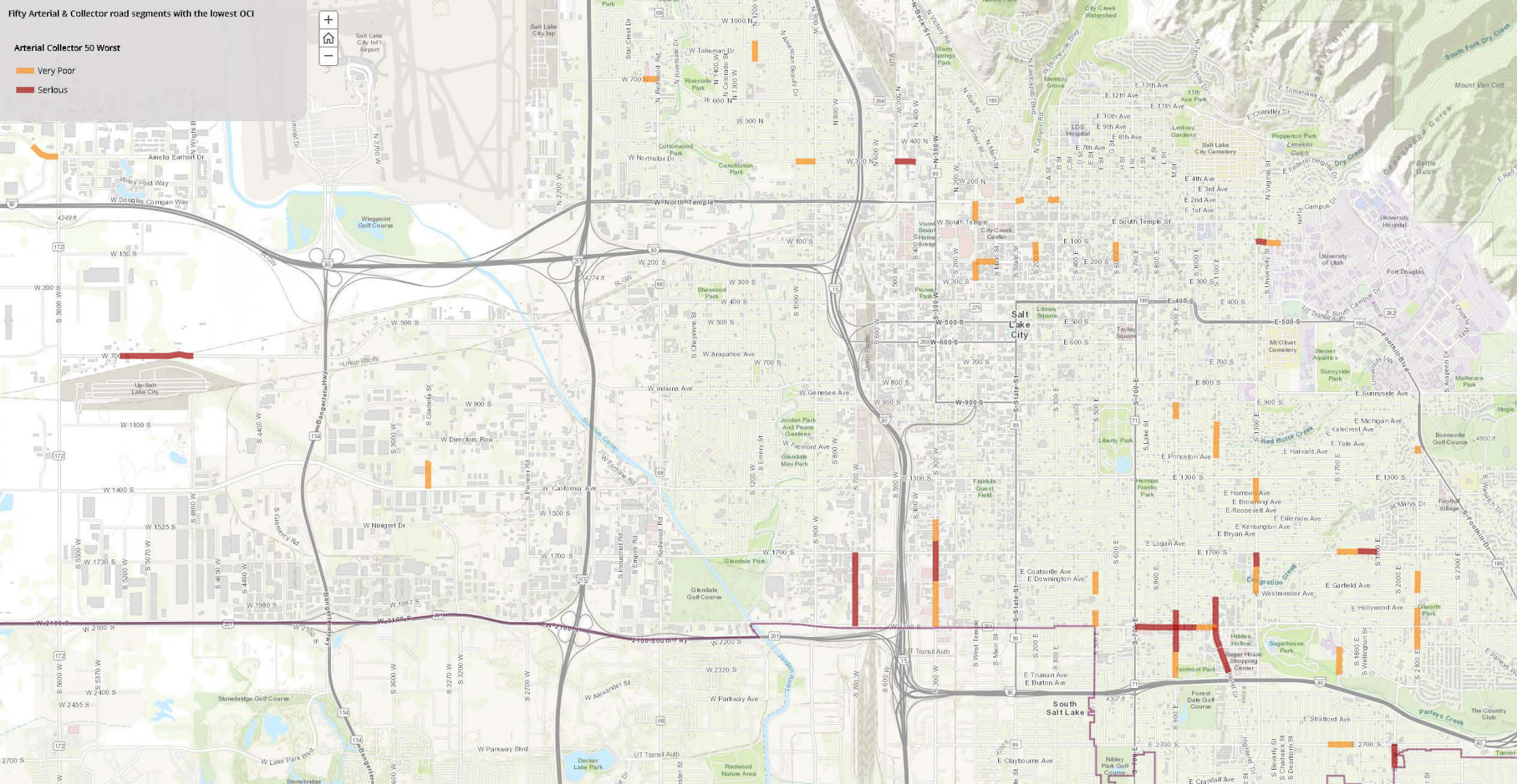
Costs include: engineering fees, complete streets, contingency

Inflation and market adjustments not included

Not all roads deteriorate at the same rate – traffic loads, etc.

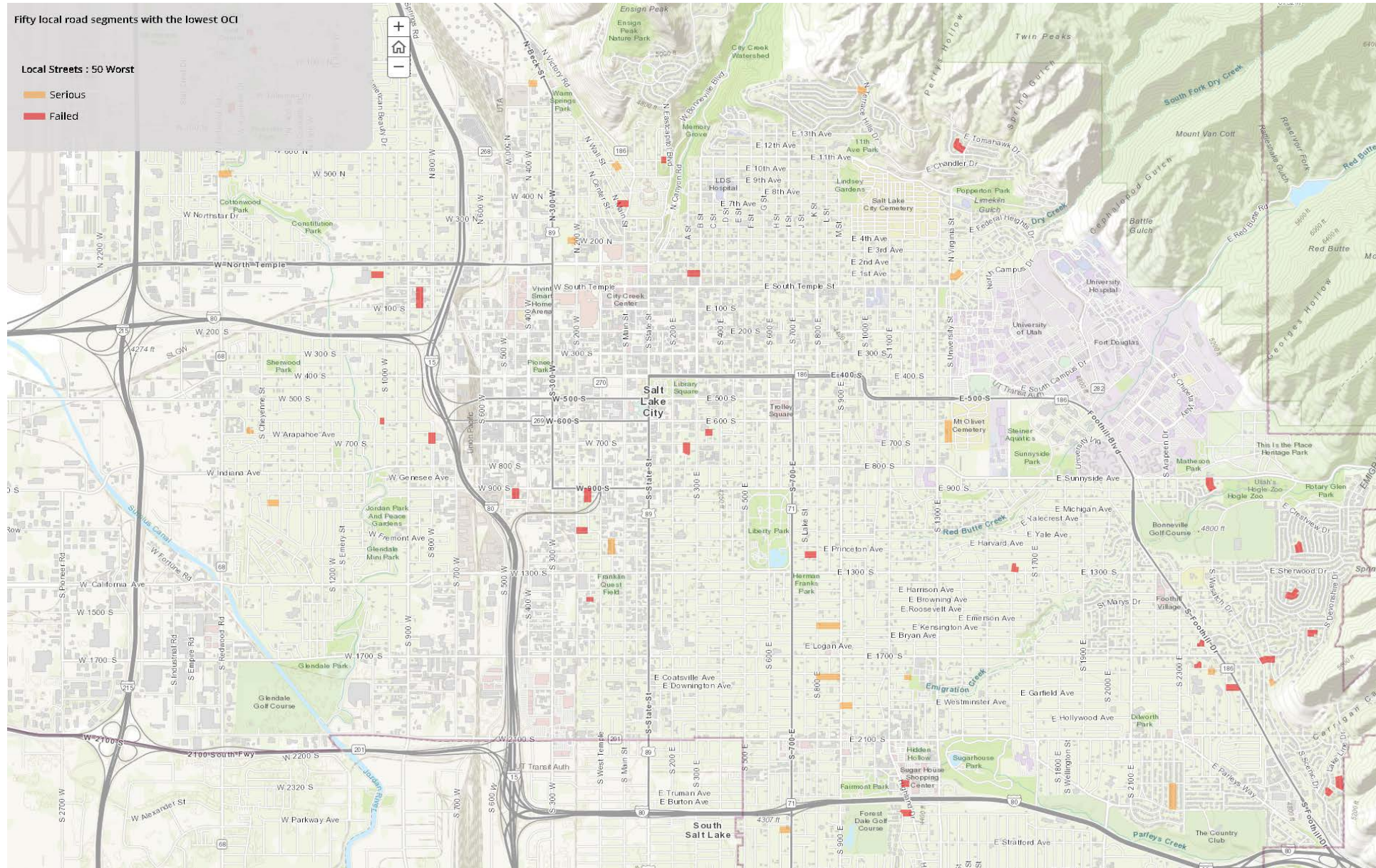
Priorities often change, for ex., to coincide with Public Utilities needs

# 50 Worst Arterials/Collectors





# 50 Worst Local Streets



# 80-20 Scenario Sample for Discussion

Year	Roadway	Limits or Location	Average Pavement Condition (2017)	Type of Improvement	Cost	Year End Totals
2020	1700 East	1700 South to 2700 South	Poor to Very Poor	Asphalt Reconstruction	\$2,000,000	
	2700 South	Highland Drive to 2000 East	Fair to Very Poor	Asphalt Reconstruction	\$1,500,000	
	100 South	North Campus to 900 East	Very Poor to Serious	Asphalt Reconstruction	\$3,000,000	
	700 W	1600 S to 2100 S	Very Poor to Serious	Asphalt Reconstruction	\$2,000,000	
	Local Streets	Districts 1 & 7	Very Poor to Serious	Asphalt Reconstruction	\$3,000,000	
						<b>\$11,500,000</b>
2021	300 West	900 South to 2100 South	Poor to Serious	Asphalt Reconstruction	\$8,600,000	
	2100 South	700 East to 1700 East	Very Poor to Serious	Asphalt Reconstruction	\$7,500,000	
	Local Streets	Districts 3 & 6	Very Poor to Serious	Asphalt Reconstruction	\$3,000,000	
						<b>\$19,100,000</b>
2022	300 West	900 South to 2100 South	Poor to Serious	Asphalt Reconstruction	\$8,600,000	
	Virginia Street	South Temple to 11th Avenue	Very Poor	Asphalt Reconstruction	\$1,300,000	
	900 East	Hollywood (crosses 2100 South) to 2700 S	Poor to Serious	Concrete Reconstruction	\$2,600,000	
	West Temple	North Temple to 400 S	Very Poor to Poor	Asphalt Reconstruction	\$4,000,000	
	Local Streets	Districts 2 & 5	Very Poor to Serious	Asphalt Reconstruction	\$3,000,000	
						<b>\$19,500,000</b>

# 80-20 Scenario Sample for Discussion

Year	Roadway	Limits or Location	Average Pavement Condition (2017)	Type of Improvement	Cost	Year End Totals
2023	200 South	400 West to 900 East	Poor to Very Poor	Concrete Reconstruction	\$11,700,000	
	500 East	1700 South to 2100 South	Poor to Very Poor	Concrete Reconstruction	\$1,500,000	
	300 North	300 West to 1000 West	Poor to Serious	Asphalt Reconstruction	\$1,600,000	
	Local Streets	Districts 4 & 7	Very Poor to Serious	Asphalt Reconstruction	\$3,000,000	
						\$17,800,000
2024	2nd Ave	State St to B St.	Poor to Very Poor	Asphalt Reconstruction	\$800,000	
	1100 E to Highland	900 S to Warnock Ave	Very Poor to Serious	Concrete Reconstruction	\$6,800,000	
	Local Streets	Districts 3 & 6	Very Poor to Serious	Asphalt Reconstruction	\$3,000,000	
						\$10,600,000
2025	2000 East	Parley's to City limit	Serious	Asphalt Reconstruction	\$1,300,000	
	Gladiola	900 S to CA Ave	Serious	Asphalt Reconstruction	\$2,300,000	
	900 S	900 W to 900 E	Poor	Asphalt Reconstruction	\$2,500,000	
	Local Streets	Districts 1, 4 & 5	Very Poor to Serious	Asphalt Reconstruction	\$2,400,000	
						\$8,500,000
					Total	\$87,000,000



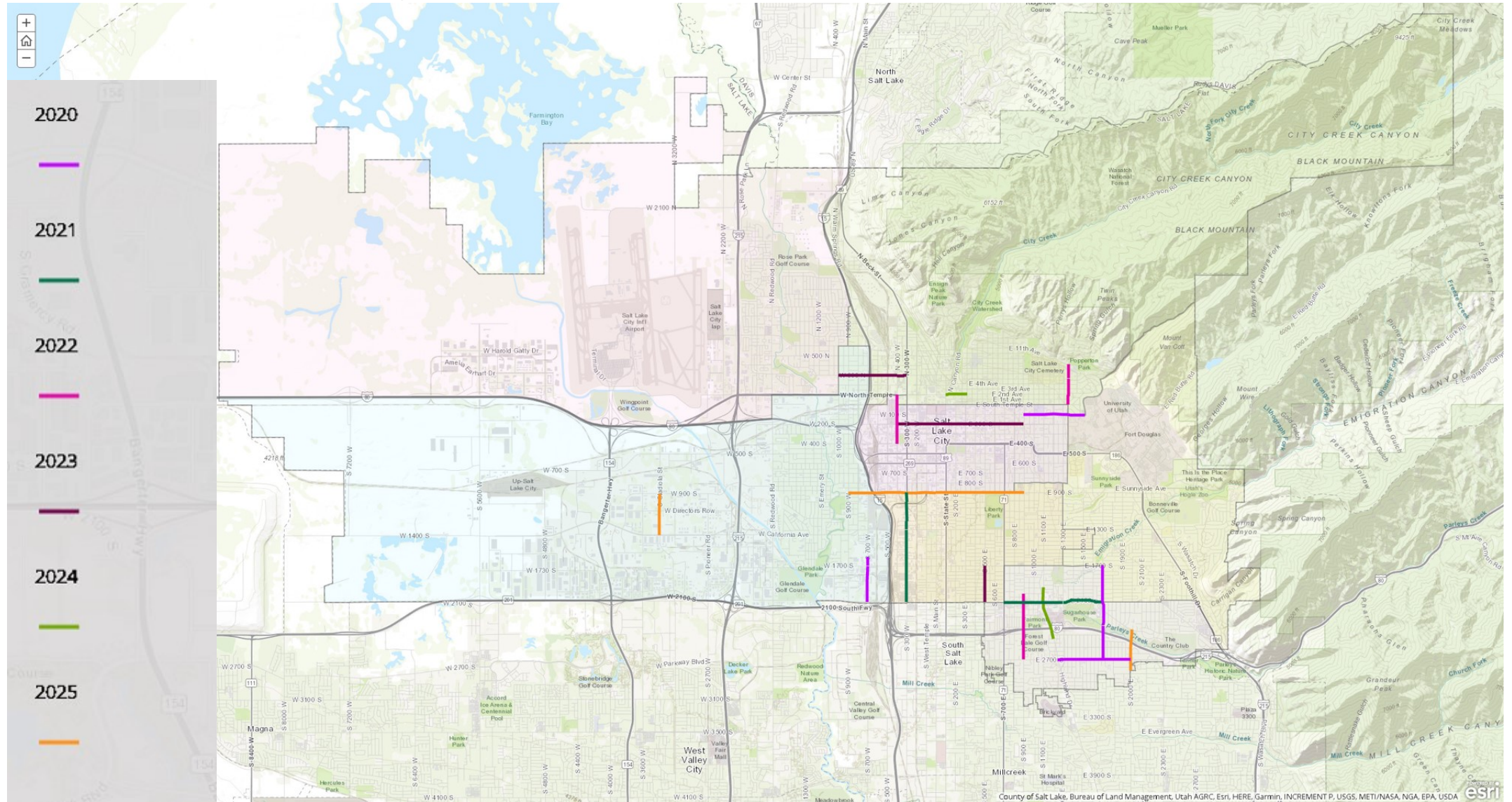
# 60-40 Scenario Sample for Discussion

Year	Roadway	Limits or Location	Average Pavement Condition (2017)	Cost	Year End Totals
2020	2700 South	Highland Drive to 2000 East	Fair to Very Poor	\$1,500,000	
	100 South	North Campus to 900 East	Very Poor to Serious	\$3,000,000	
	Local Streets	Districts 1 & 7	Very Poor to Serious	\$6,000,000	
					<b>\$10,500,000</b>
2021	300 West	900 South to 2100 South	Poor to Serious	\$8,650,000	
	2100 South	700 East to 1700 East	Very Poor to Serious	\$7,500,000	
	Local Streets	Districts 3 & 6	Very Poor to Serious	\$6,000,000	
					<b>\$22,150,000</b>
2022	300 West	900 South to 2100 South	Poor to Serious	\$8,650,000	
	Virginia Street	South Temple to 11th Avenue	Very Poor	\$1,300,000	
	900 East	Hollywood (crosses 2100 South) to 2700 S	Poor to Serious	\$2,600,000	
	Local Streets	Districts 2 & 5	Very Poor to Serious	\$6,000,000	
					<b>\$18,550,000</b>
2023	200 South	400 West to 900 East	Poor to Very Poor	\$11,700,000	
	500 East	1700 South to 2100 South	Poor to Very Poor	\$1,500,000	
	300 North	300 West to 1000 West	Poor to Serious	\$1,600,000	
	Local Streets	Districts 4 & 7	Very Poor to Serious	\$6,000,000	
					<b>\$20,800,000</b>

# 60-40 Scenario Sample for Discussion

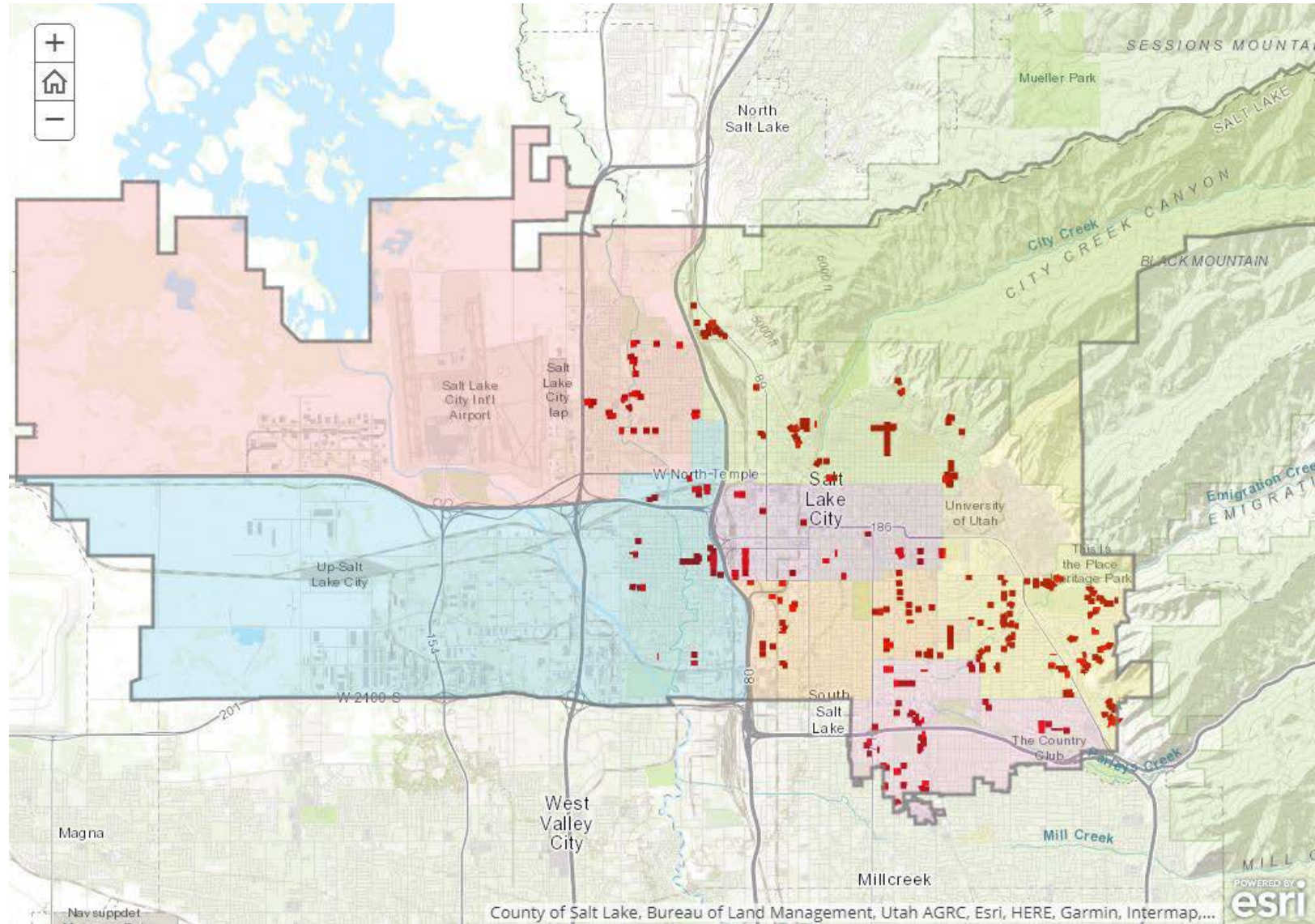
Year	Roadway	Limits or Location	Average Pavement Condition (2017)	Cost	Year End Totals
2024					
	1100 E to Highland	Ramona Ave to Warnock Ave	Very Poor to Serious	\$2,900,000	
	Local Streets	Districts 3 & 6	Very Poor to Serious	\$6,000,000	
					\$8,900,000
2025	2000 East	Parley's to City limit	Serious	\$1,300,000	
	Local Streets	Districts 1, 4 & 5	Very Poor to Serious	\$4,800,000	
					\$6,100,000
					\$87,000,000

# Arterials/Collectors Bond Candidates





# Local Streets Bond Candidates





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