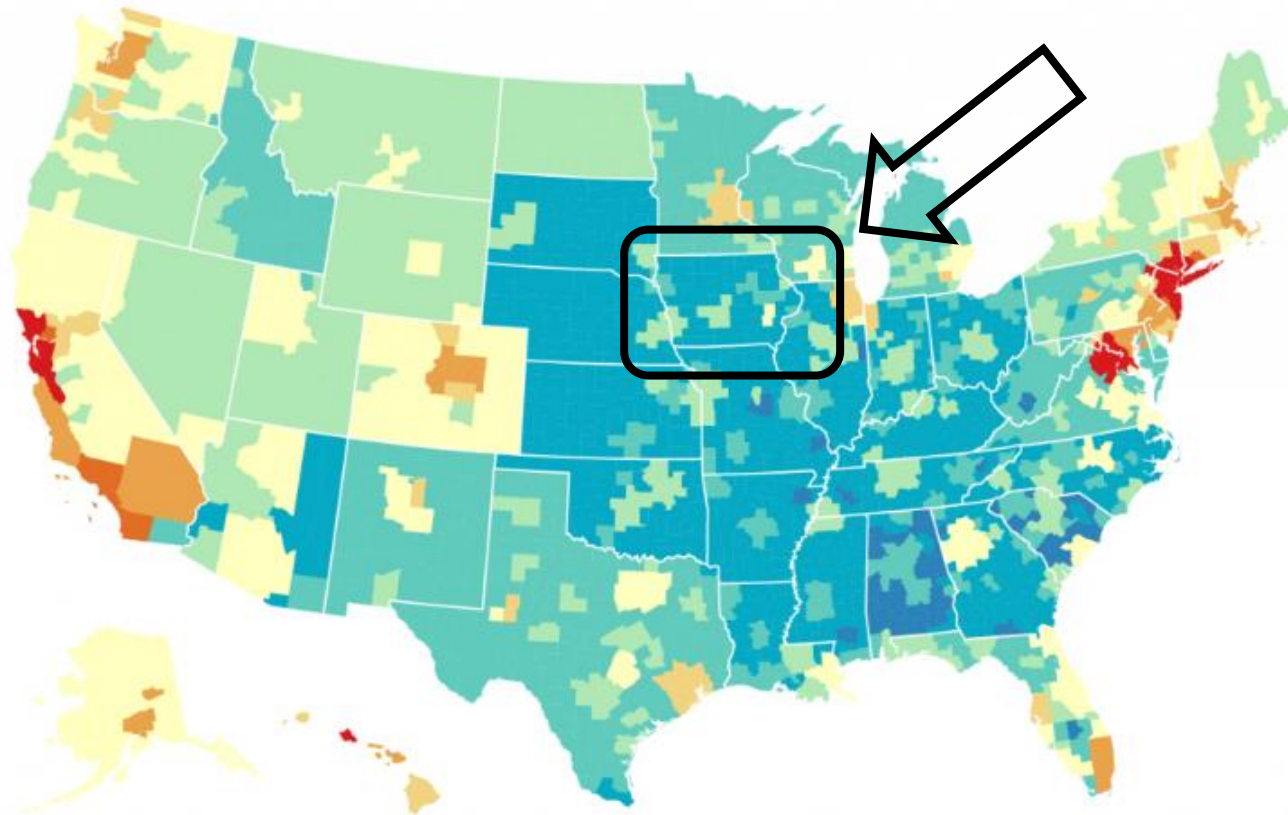


Iowa DOT Project Scoping and Prioritization Process / Tool

Brad Hofer
Office of Location & Environment

The Relative Value of \$100

Which Metro Areas Offer the Biggest Bang for Your Buck?

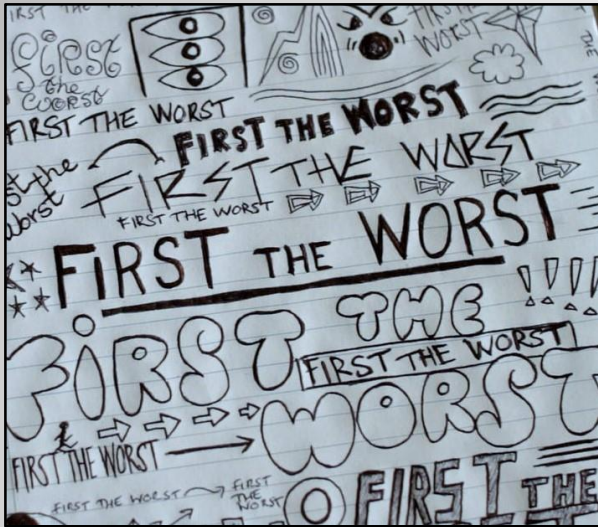


Notes: This map shows real purchasing power (RPP) at the county level. Data for individual metropolitan areas is applied to all counties comprising the metropolitan area. For all counties without a specific metropolitan area designation, the state's nonmetropolitan average is applied. RPP values were converted into dollar equivalents to express the purchasing power of \$100 compared to the national average. Data is from 2015.

Source: Bureau of Economic Analysis, *Regional Price Parities*.

The Relative Value of \$100
in Metropolitan Areas





TAM Principles

Asset management is policy driven. Funding decisions reflect Iowa DOT's vision for how the transportation system should look in the future.

Asset management is performance based. Iowa DOT understands the condition of its assets, defines performance targets, and makes decisions that support these targets.

Asset management involves making trade-offs. Iowa DOT has options for how to allocate transportation funding. It evaluates these options and makes informed decisions regarding the best path forward.

Asset management relies on quality information. Iowa DOT uses data and analytical tools to support its decisions.

Asset management requires transparency and accountability. Iowa DOT documents how funding decisions are made. It monitors performance, tracks progress towards performance targets, and reports on results.



While it isn't all about the tools, the right tool in the right hands can change an entire culture



TAM Principles

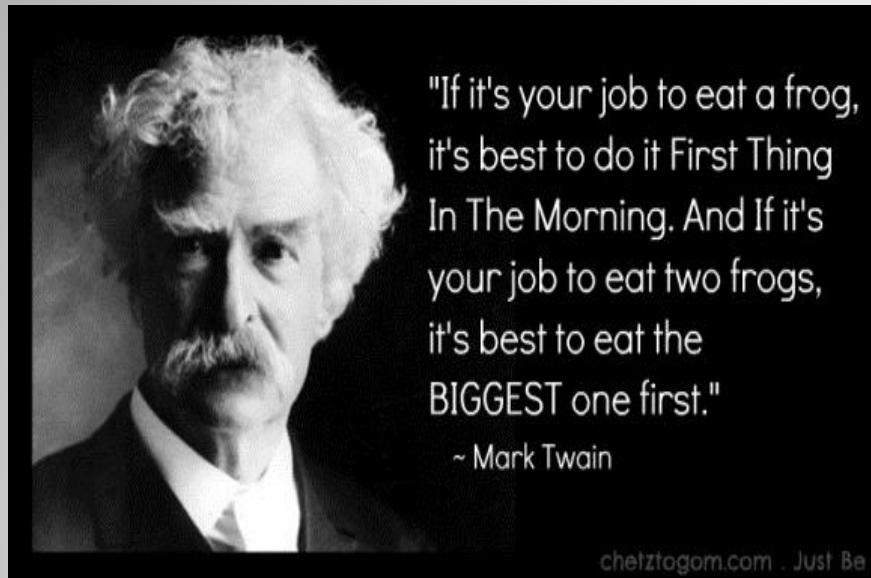
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2014 – Project Prioritization Underway

2015-2016 – Dynamic Data Integration

2016 – vs 1.0 Prioritization Launch

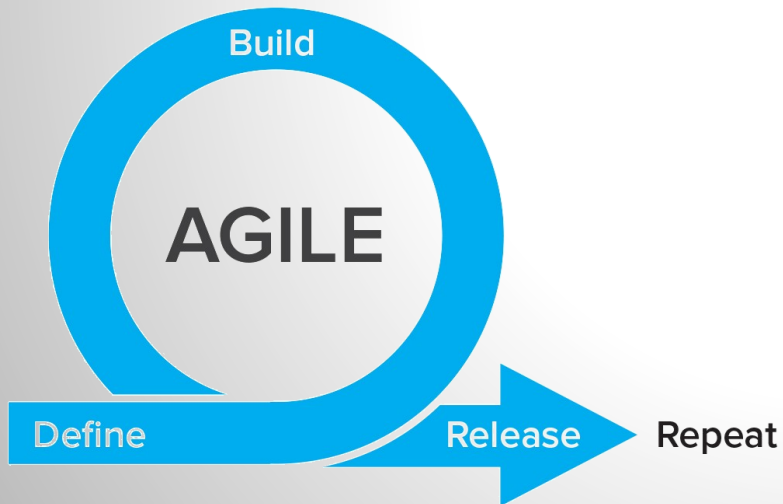
2017 – vs 2.0 Prioritization Launch

2018 – Project Scoping starts in earnest

2018 – Scoping Application Launch

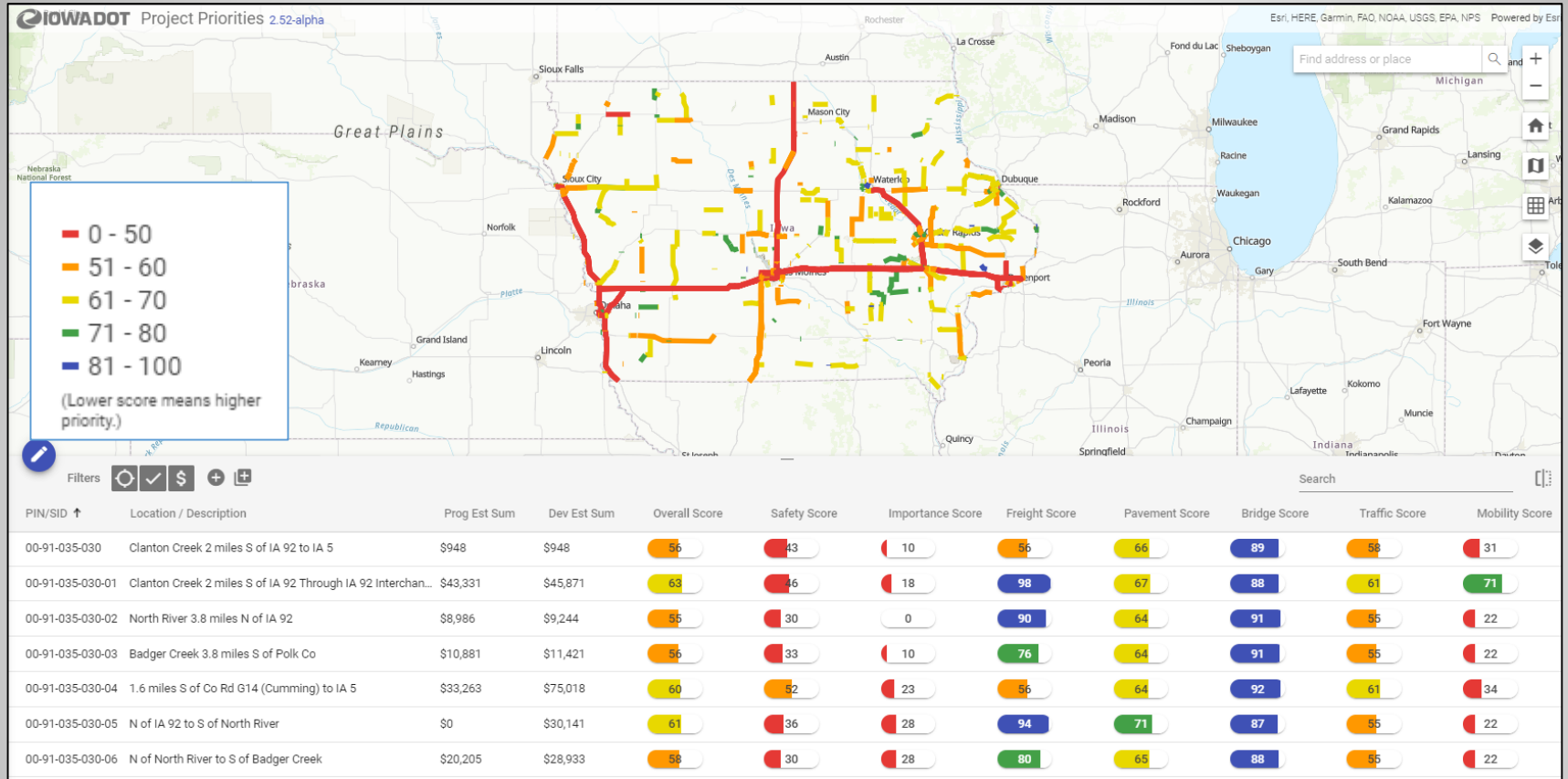
2018 – Valuation integration

2019 – Maintenance Launch





Project Prioritization



Safety - 20%

System Importance – 14%

Freight – 12%

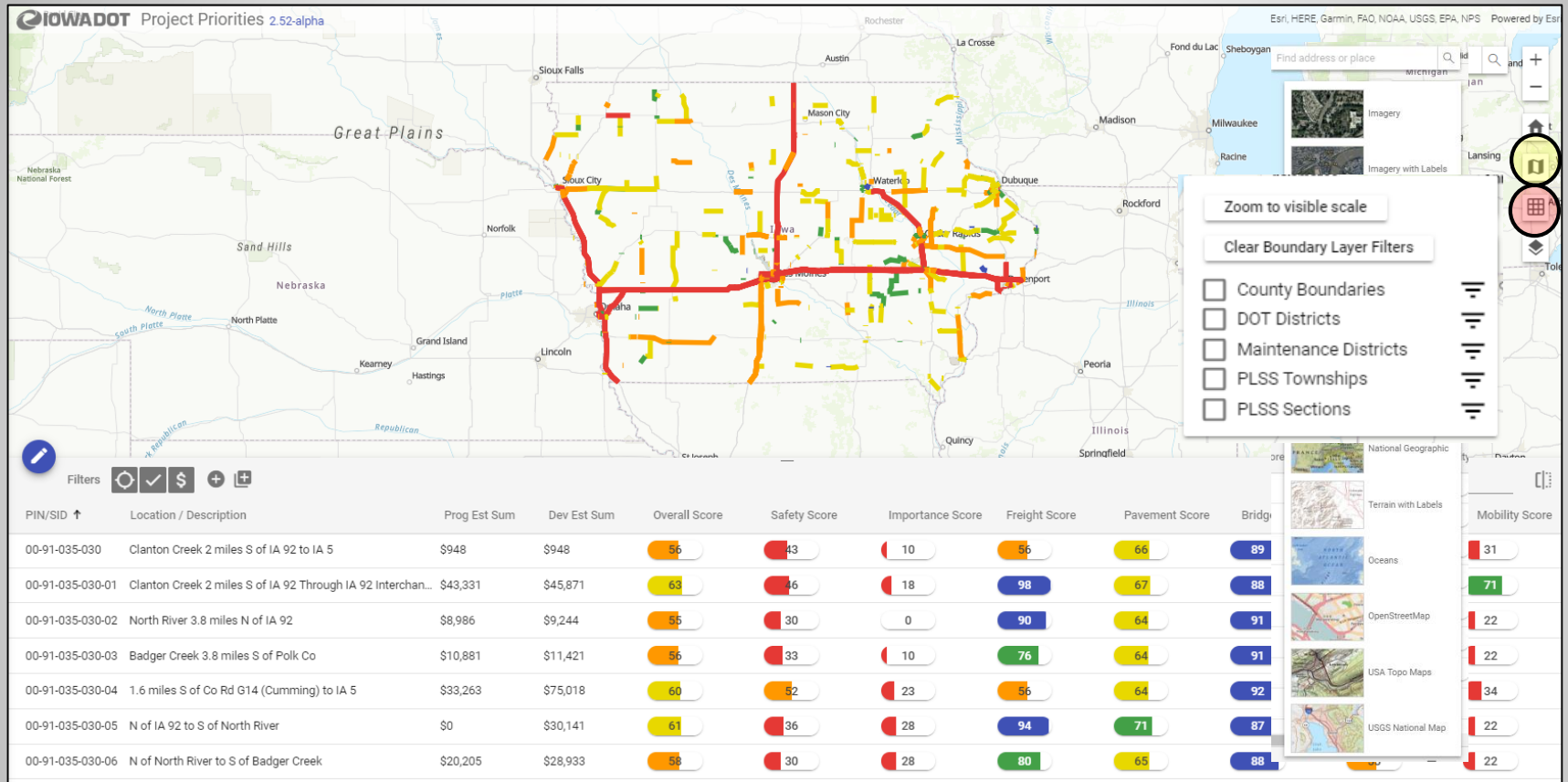
Pavement – 18%

Bridge – 20%

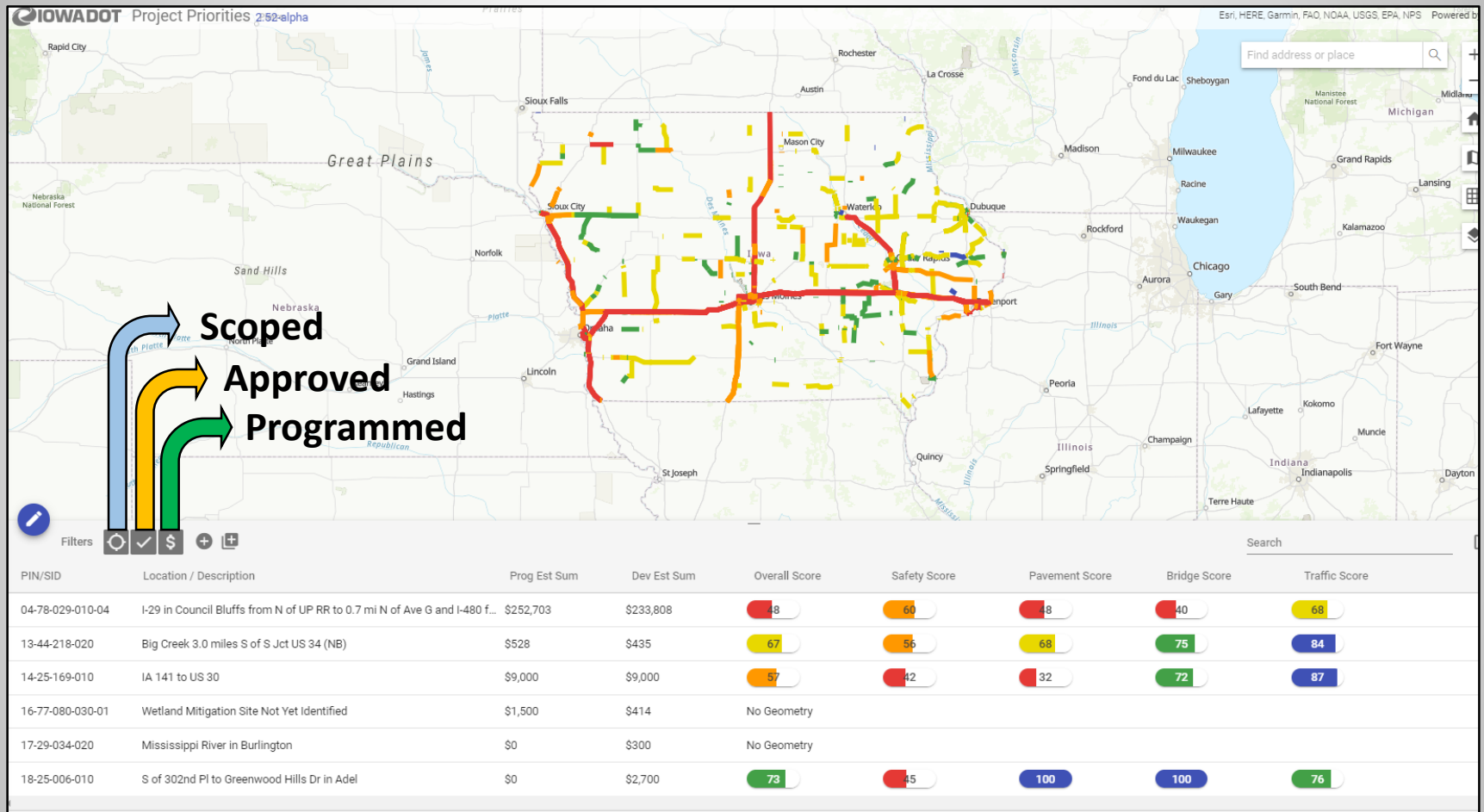
Traffic – 16%

Mobility – Not yet included in composite

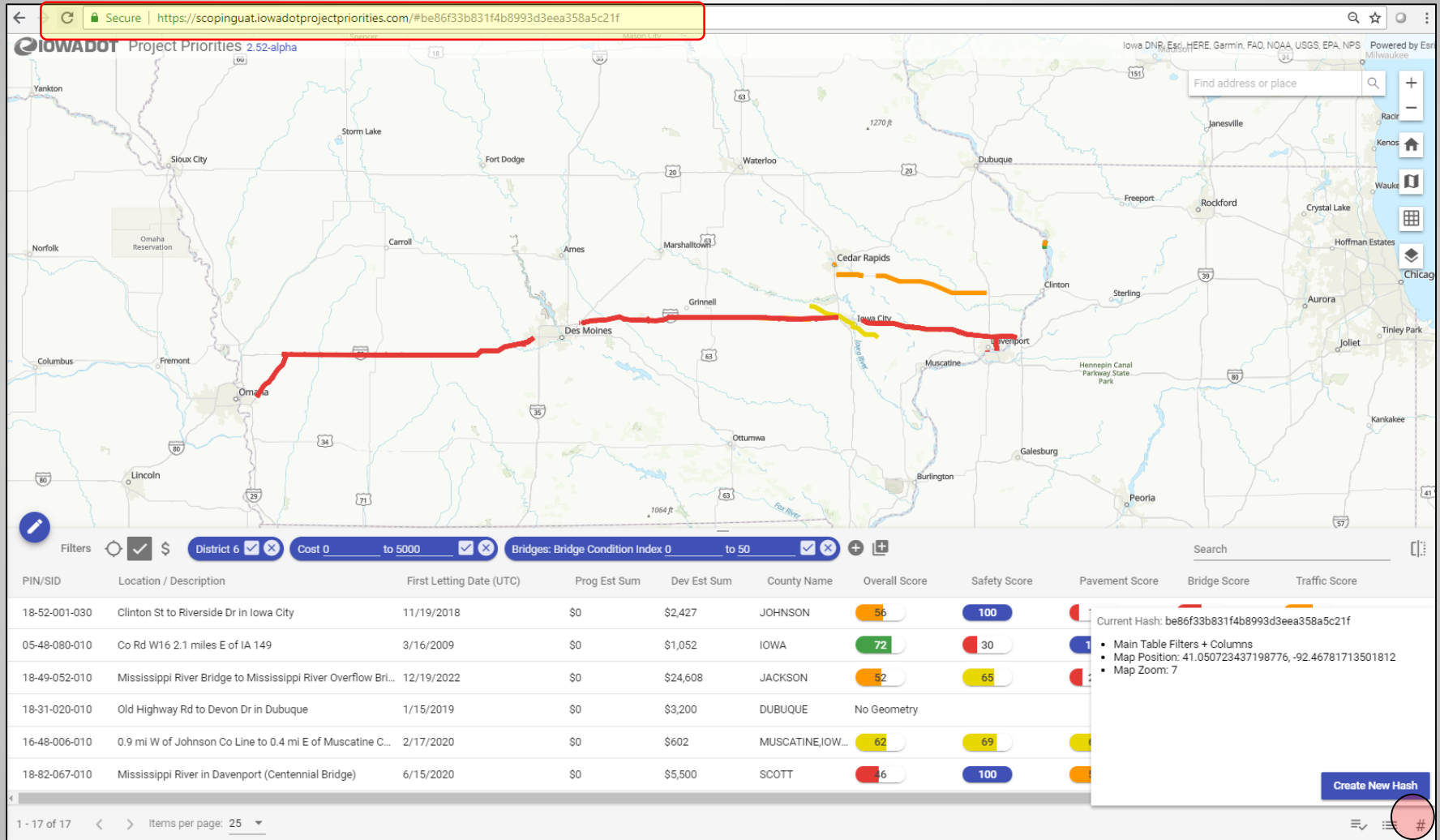
Project Prioritization



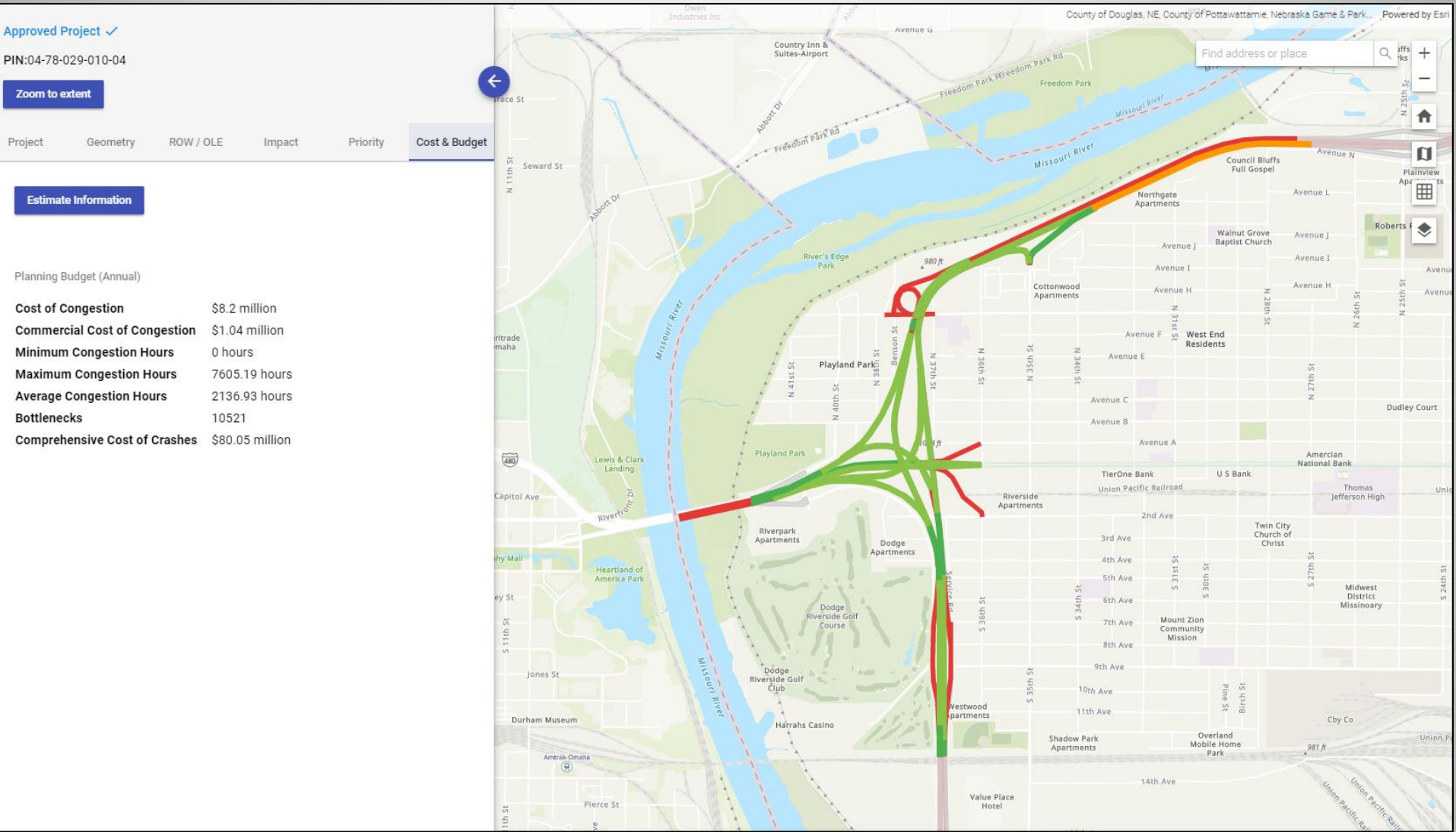
Project Prioritization



Project Prioritization



Project Prioritization



Scoping

IOWADOT Project Priorities 2.52-alpha

Find address or place

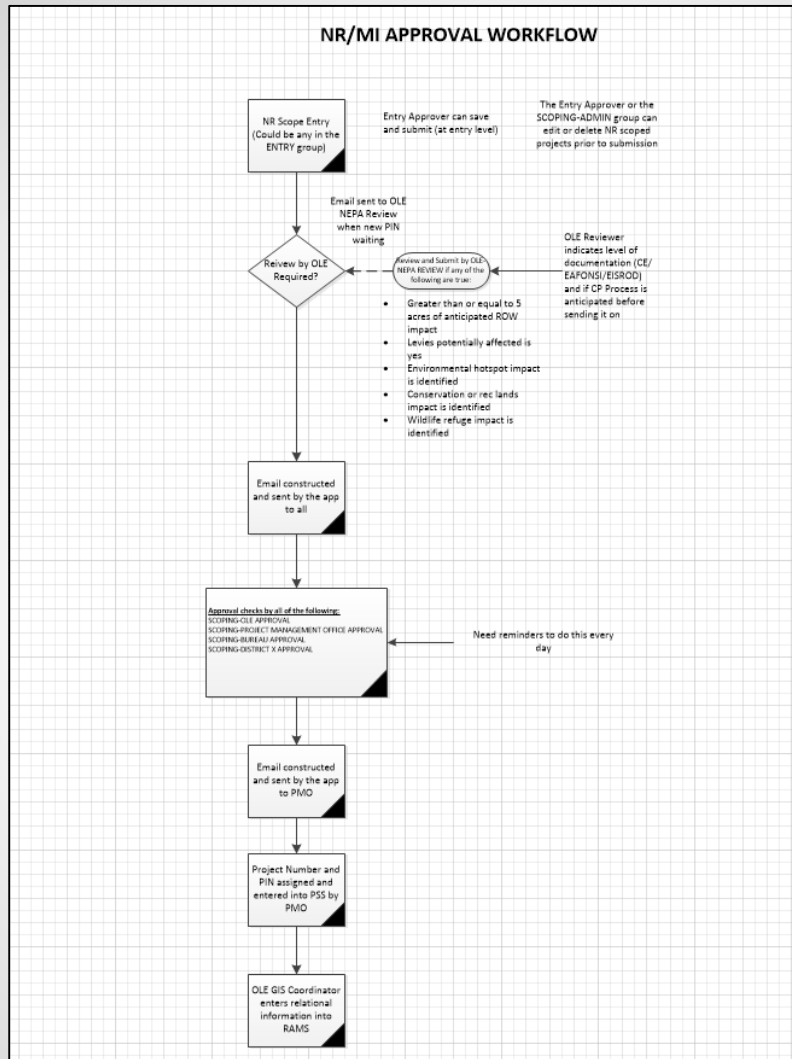
Select scopes to submit

S0080-052218-01	I-80 (Mississippi River Bridge)	Scoping	<input type="checkbox"/>
S0080-052218-02	I-80 (Altoona to IA 117 Colfax) (141.6-156)	Scoping	<input type="checkbox"/>
S0080-052218-03	I-80 (I-280 to Mississippi River Bridge) (289-306.5)	Scoping	<input checked="" type="checkbox"/>
S0080-052218-04	I-80 (Yankee Ave to I-280) (276.7-289)	Scoping	<input type="checkbox"/>
S0080-052218-05	I-80 (Tiffin to Iowa/Johnson Co Line) (228.9-237.7)	Scoping	<input type="checkbox"/>
S0080-052218-06	I-80 (Ia 21 to V66) (201.5-216.4)	Scoping	<input type="checkbox"/>
S0080-052218-07	I-80 (Speedway Dr to IA 146) (167.7-181.5)	Scoping	<input type="checkbox"/>
S0080-052218-08	I-80 (West Branch to the cedar River) (255.6-265.9)	Scoping	<input type="checkbox"/>
S0080-052218-09	I-80 (V66 (M Ave) to Iowa/Johnson County Line) (216.4-228.9)	Scoping	<input type="checkbox"/>
S0080-052218-10	I-80 (US 63 to IA 21) (192.3-201.5)	Scoping	<input type="checkbox"/>
S0080-052218-11	I-80 (IA 146 to US 63) (182.5-192.3)	Scoping	<input type="checkbox"/>
S0080-052218-12	I-80 (IA 117 (Colfax) to Speedway Drive) (156-167.7)	Scoping	<input type="checkbox"/>
S0380-062618-01	Test	Scoping	<input type="checkbox"/>

1 - 25 of 1044 < > Items per page: 25

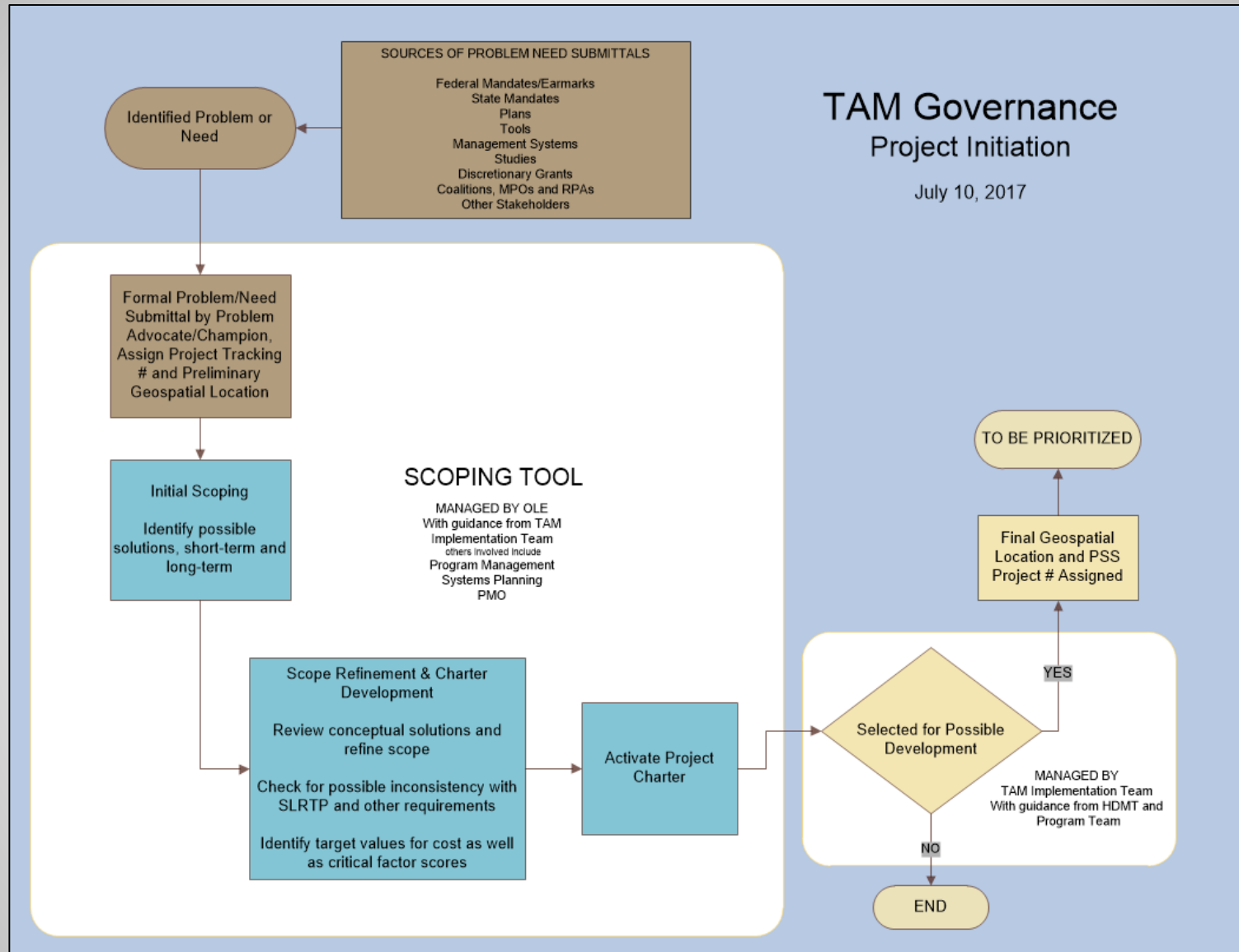
IOWADOT

Scoping



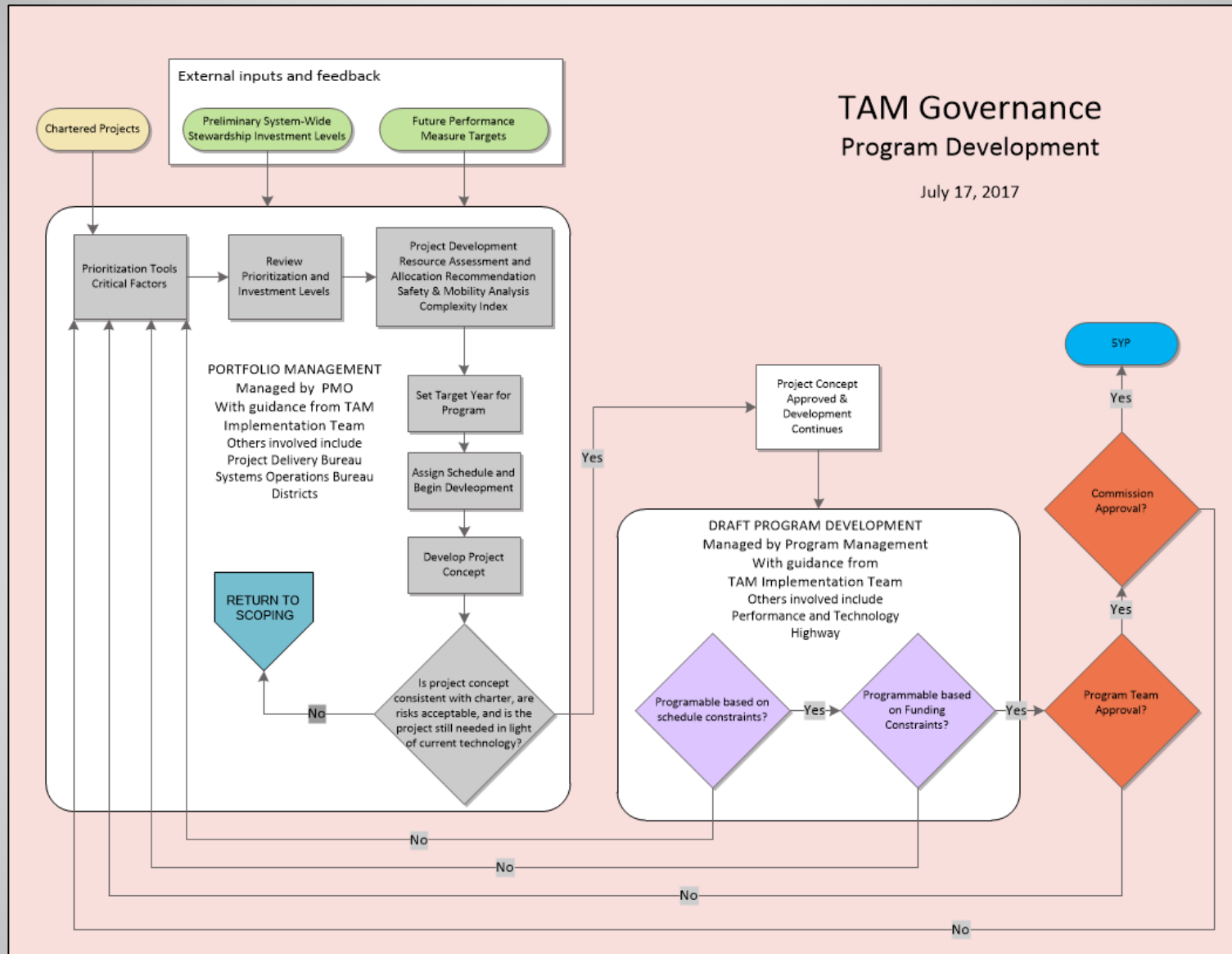
TAM Governance Project Initiation

July 10, 2017



TAM Governance Program Development

July 17, 2017



NEXT STEPS...

- On Demand FME Processing of Priorities and Impacts
- Data Criticality and Redundancy
- Reporting Functionality
- Expand Data Integration
- Valuation/Benefits
- Integration with Project Scheduling Data
- Snapshots (Concept/Design/Post Construction)
- Validation – Move to more open concept



BRAD HOFER

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OFFICE OF LOCATION & ENVIRONMENT

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Office: 515-239-1787

QUESTIONS ???