



NuMetric

Wireframes 1.1

Version History

Version	Page	Description	Author	Date
1.0		NEW DOCUMENT	Ramon Tapales	08/16/2014
1.1		Incorporates revisions discussed in the last round which includes exploring other ways to represent expanded components. Revisions are highlighted in magenta on the annotations sidebar for each page.		
1.2		Emphasis on Quick Query groups/sub-groups.		

1. **Username:** Confirm if email will be used for username.
2. **New User:** Can users self-register or will they need to be added by an admin?

numeric

Email

1

Password

Remember me

SIGN IN

Forgot Password

|

New User

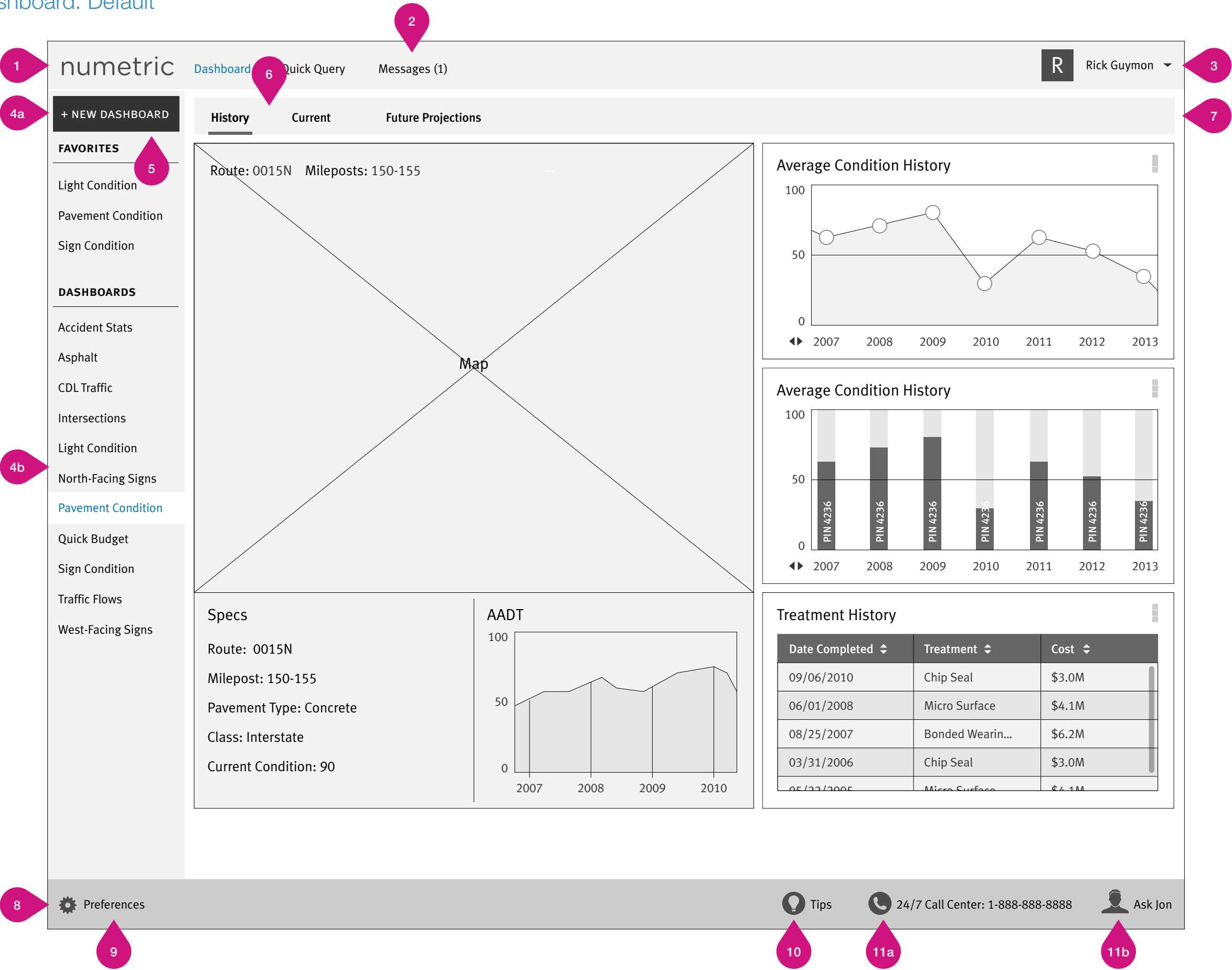
|

Privacy

2

24/7 Call Center: 1-888-888-8888

Chat



optional state change

1. **Global Navigation**
2. **Messages:** Auto and admin-generated messages.
3. **Signed-in User**
4. **Dashboard Menu:** Shows 'Pavement Condition' as default/selected state.
5. **New Dashboard:** Takes the user to a page where they can request a new dashboard design (TBD).
6. **Contextual Menu/Tabs:** Shows 'History' as default/selected state. TBD: How would 'Current' tab state be represented as a dashboard? In other words, can current condition be integrated with 'History' and 'Future Projections' as a constant point of reference?
7. **Screen Mode:** TBD.
8. **Global Toolbar:** Fixed bottom position. Option to show/hide on hover.
9. **Preferences:** Ideally, we would present user options that are more utility driven instead of arbitrary aesthetic preferences. For example, it could involve some aspect of readability (contrast), accessibility (ADA compliance such as color blindness), etc.
10. **Tips:** This element can be a link to a 'Tips' section or a contextual message based on the screen the user is on or based on user behavior (TBD).
11. **Call/Chat:** Reinforces the 'service' component of the product.

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Dashboard

Quick Query

Messages (1)

R Rick Guymon

+ NEW DASHBOARD

FAVORITES

Light Condition

Pavement Condition

Sign Condition

DASHBOARDS

Accident Stats

Asphalt

CDL Traffic

Intersections

Light Condition

North-Facing Signs

Pavement Condition

Quick Budget

Sign Condition

Traffic Flows

West-Facing Signs

History

Current

Future Projections

Route: 0015N

Mileposts: 150 - 155

Map

Specs

Route: 0015N

Milepost: 150-155

Pavement Type: Concrete

Class: Interstate

Current Condition: 90

AADT

Average Condition History

Average Condition History

Treatment History

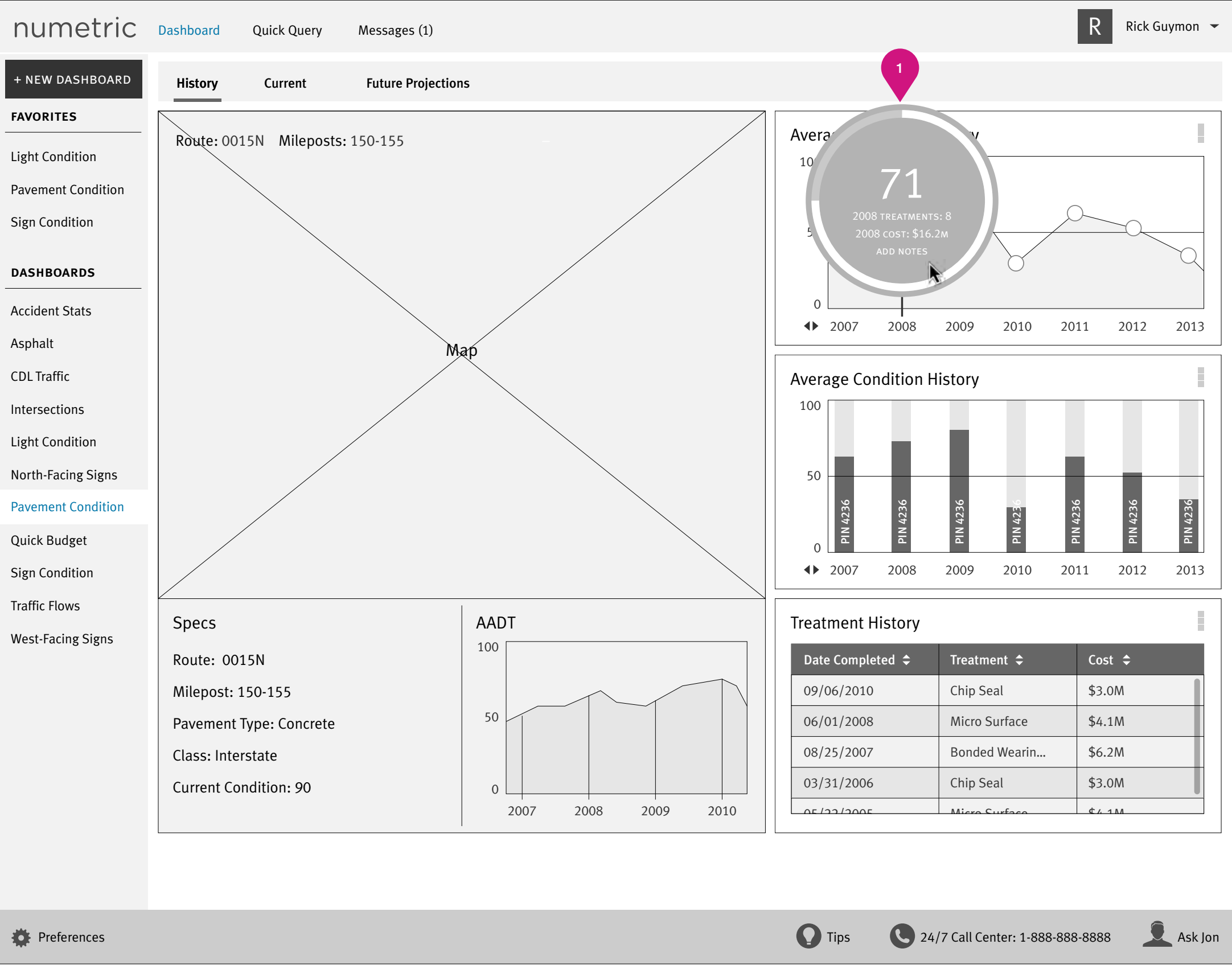
Preferences

Tips

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Ask Jon

1. **Edit Location:** By default, the location field is displayed as text. On click, the text changes into an editable field.



1. **Detail Overlay:** Tapping on a data point can reveal additional details. The example shows overall score, treatments and costs for a given year. Images can also be added if available. Replaced background image with generic background. Actual data to be provided.

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Dashboard

Quick Query

Messages (1)

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Rick Guymon

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Route: 0015N Mileposts: 150-155

Map

Specs

Route: 0015N

Milepost: 150-155

Pavement Type: Concrete

Class: Interstate

Current Condition: 90

AADT

Average Condition History

Average Condition History

Treatment History

Date Completed	Treatment	Cost
09/06/2010	Chip Seal	\$3.0M
06/01/2008	Micro Surface	\$4.1M
08/25/2007	Bonded Wearin...	\$6.2M
03/31/2006	Chip Seal	\$3.0M
05/22/2005	Micro Surface	\$4.1M

1

Add Notes

Print

Export as PDF

Export as CSV

Export as PPT

Export as XLS

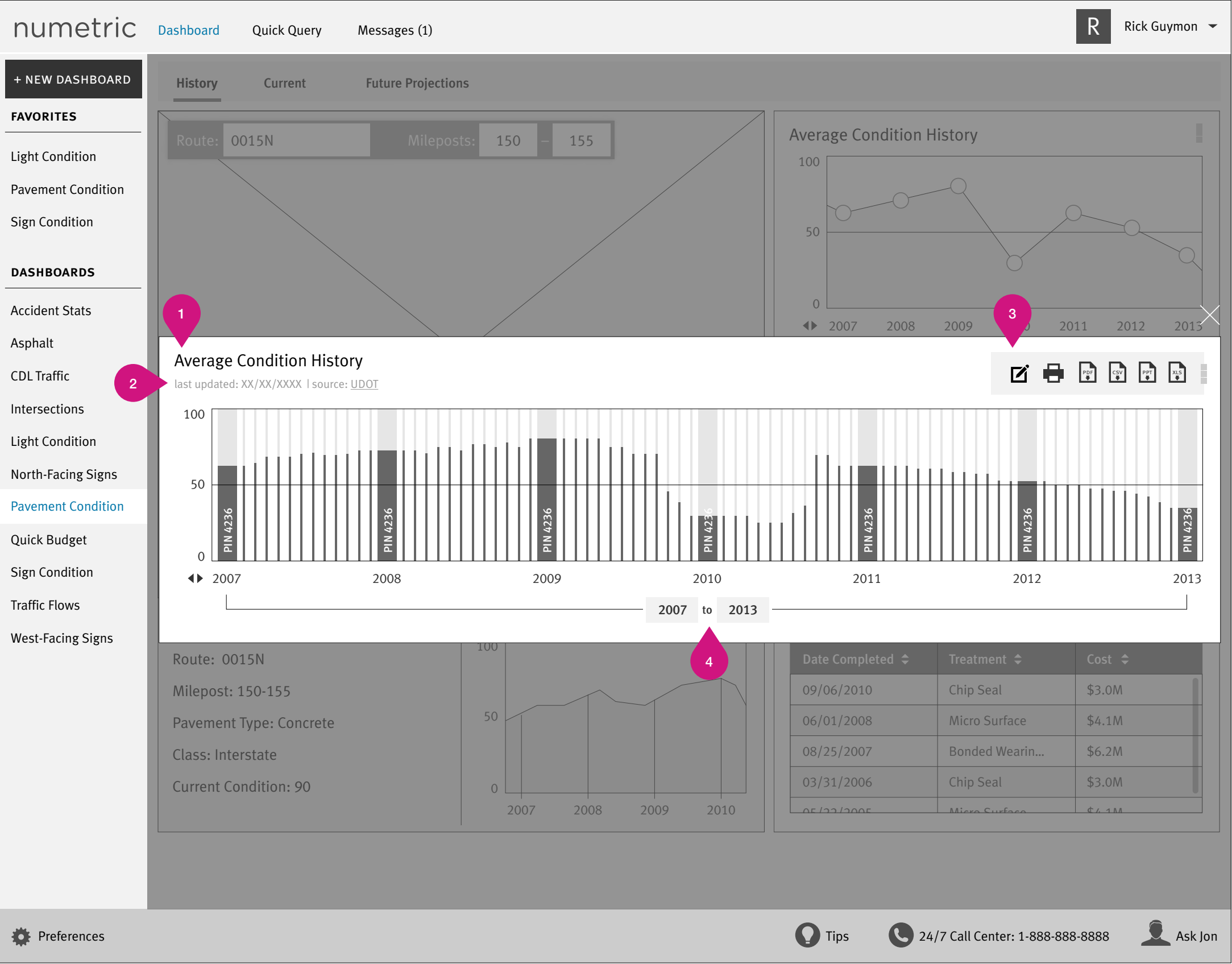
Preferences

Tips

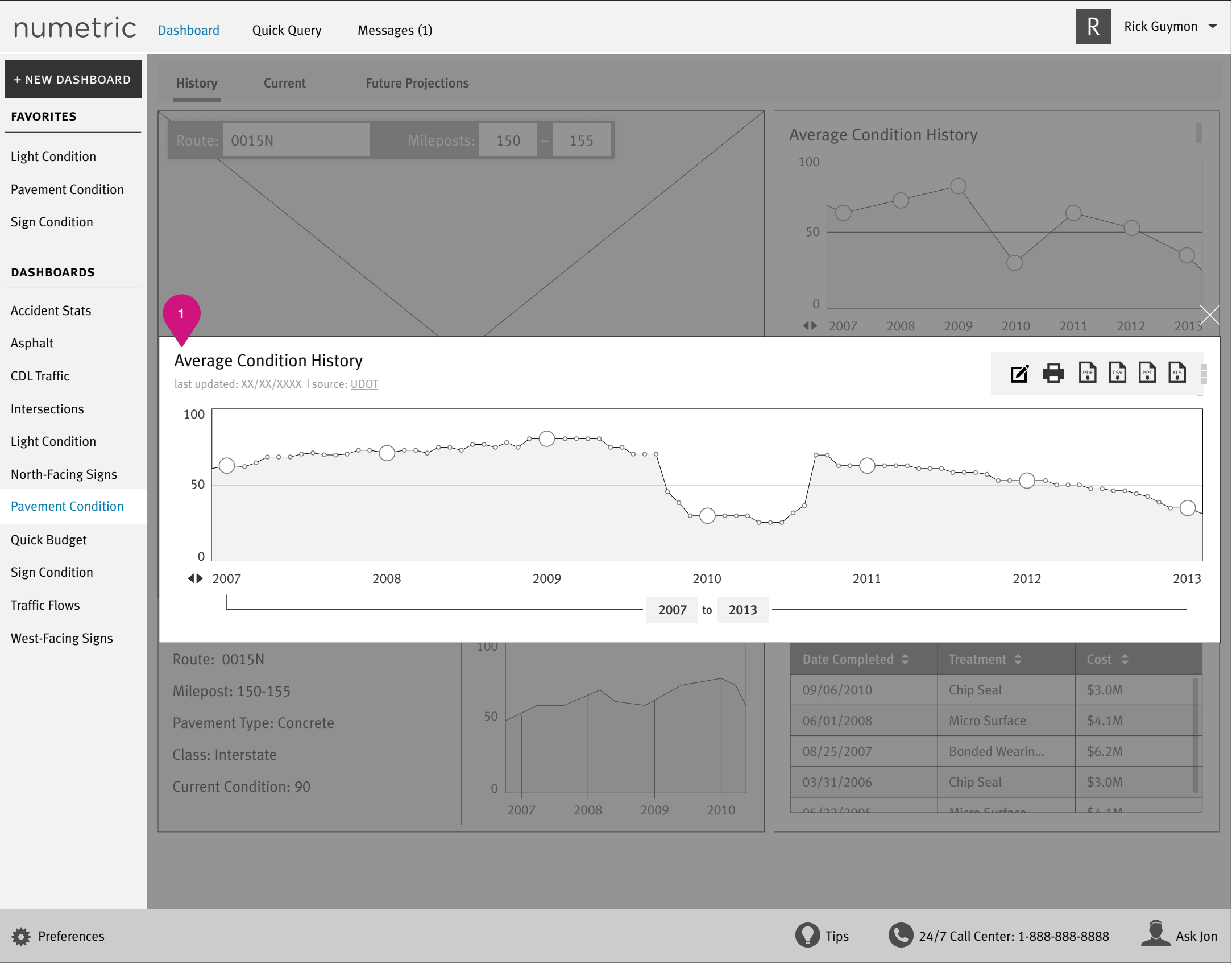
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Ask Jon

1. **Component Menu (TBD):** A contextual menu allows users add annotations to the component, print the data set or export it as a PDF, CSV, PPT or XLS file.



1. Expanded Component Overlay: Users can focus on a specific component by double clicking. Doing so reveals an expanded view with additional data points.
2. Last Updates / Data Source
3. Exposed Component Menu
4. Date Range Control: Values become editable when user clicks on a box. Specificity of date range may vary depending on the type of graph.



1. Expanded Component Overlay:
- Represents smart line graph for Average Condition History.

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Dashboard

Quick Query

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History

Current

Future Projections

0015N

Mileposts: 150 - 155

Average Condition History

100

Treatment History

last updated: XX/XX/XXXX | source: UDOT

Date Completed	Treatment	Cost	Budget	Difference
09/06/2010	Chip Seal	\$3.0M	\$3.0M	0
06/01/2008	Micro Surface	\$4.1M	\$4.1M	0
08/25/2007	Bonded Wearin...	\$6.2M	\$6.2M	0
03/31/2006	Chip Seal	\$3.0M	\$3.0M	0
09/06/2010	Chip Seal	\$3.0M	\$3.0M	0
06/01/2008	Micro Surface	\$4.1M	\$4.1M	0
08/25/2007	Bonded Wearin...	\$6.2M	\$6.2M	0
03/31/2006	Chip Seal	\$3.0M	\$3.0M	0
09/06/2005	Chip Seal	\$3.0M	\$3.0M	0
06/01/2005	Micro Surface	\$4.1M	\$4.1M	0
08/25/2004	Bonded Wearin...	\$6.2M	\$6.2M	0
03/31/2004	Chip Seal	\$3.0M	\$3.0M	0
09/06/2003	Chip Seal	\$3.0M	\$3.0M	0
06/01/2003	Micro Surface	\$4.1M	\$4.1M	0
08/25/2002	Bonded Wearin...	\$6.2M	\$6.2M	0
03/31/2002	Chip Seal	\$3.0M	\$3.0M	0

01 01 2002 to 01 01 2010

Preferences

Tips

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Ask Jon

1. Expanded Component Overlay:
Represents an expanded 'Treatment History' component.
2. Date Range: Includes month, day and year.

1. **Quick Query**
2. **Quick Query Menu:** 'Finance 1' is shown as selected state.
3. **Quick Stats:** Gives an scannable aggregate based on selected data set.

1. **Table Highlight:** Users can highlight specific table columns by double clicking in order to focus on specific figures. By default, the first row of the table is also highlighted. OR as an alternative, users can also re-order columns by clicking and dragging.
2. **Selected:** Clicking on a specific field while a column is highlighted outlines that specific row.

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DashboardQuick QueryMessages (1)

R

Rick Guymon

Search data so

1

FINANCE

2

Budget

Bonds

Debt Limit

Finance 1

Finance 2

ASSETS

Signs

Pavement

Guardrail

Rumble Strips

south w

Filter by Orientation

✦ 'South'

✦ 'South East'

✦ 'South West'

Filter by Region

📍 'South Salt Lake'

Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
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Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5

QUICK STATS

Total

3,560

Average Cost

\$2,102

CONDITION

UDOT CLASS

DESIGNATION

⚙ Preferences

💡 Tips

📞 24/7 Call Center: 1-888-888-8888

👤 Ask Jon

1. **Predictive Text:** Suggestions (auto-complete) are offered when the user starts typing into the Quick Query field.
2. **Data Types:** Suggestions are organized into data types to easily identify user context.

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Dashboard

Quick Query

Messages (1)

R Rick Guymon

Search data sources

FINANCE

Budget

Bonds

Debt Limit

Finance 1

Finance 2

ASSETS

Signs

Pavement

Guardrail

Rumble Strips

South West

Desi

Group by 'Designation'

Sign Conditions (Average)

Sign Conditions (Count)

Sign Costs (Average)

Sign Condition (Sum)

Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5
Field 1	Field 2	Field 3	Field 4	Field 5

QUICK STATS

Total

3,560

Average Cost

\$2,102

CONDITION

UDOT CLASS

DESIGNATION

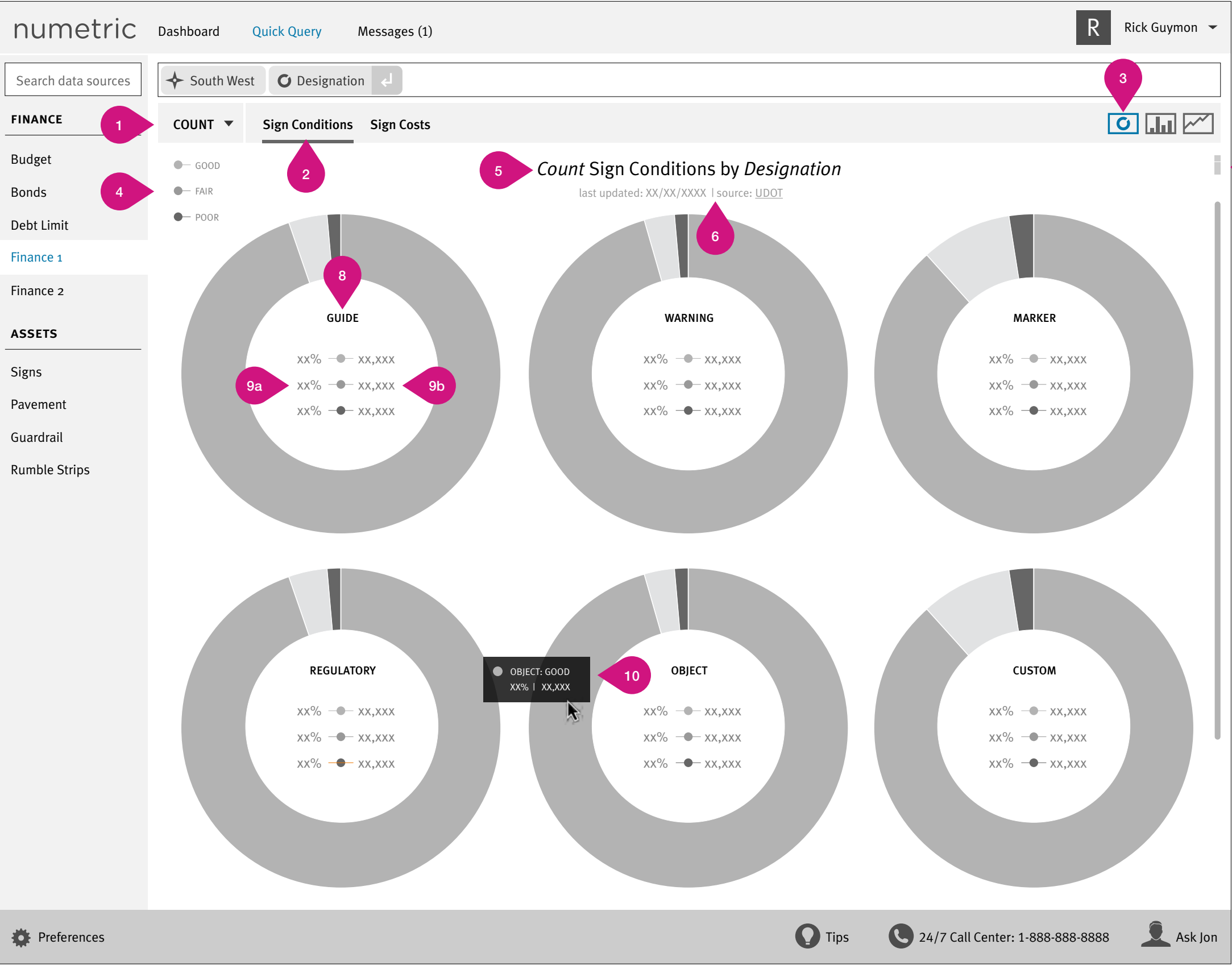
Preferences

Tips

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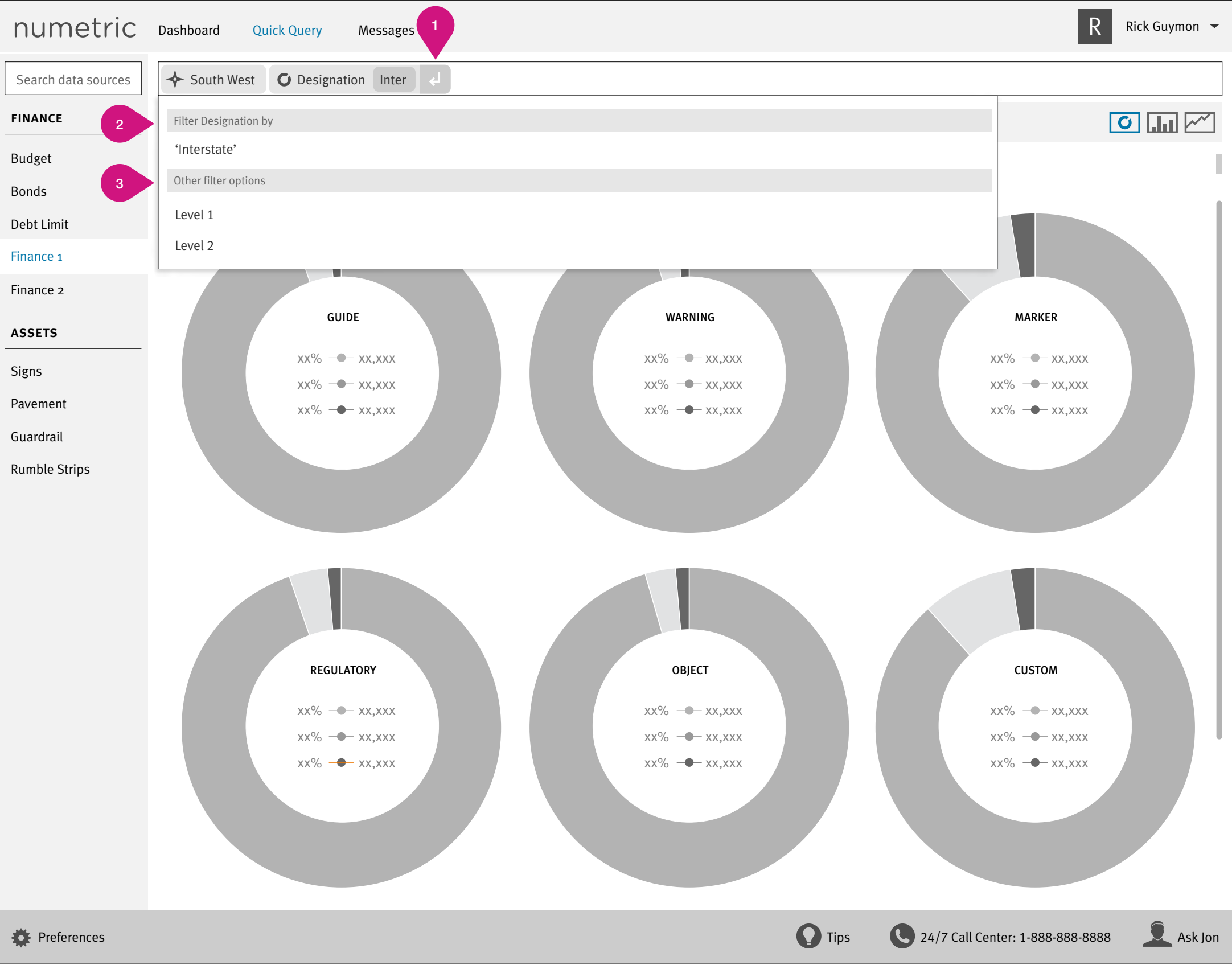
Ask Jon

1. **Group:** Typing 'Desi' brings up 'Group by "Designation"'
2. **Operations:** Users are prompted to choose from a set of operations to be performed on the groupings.

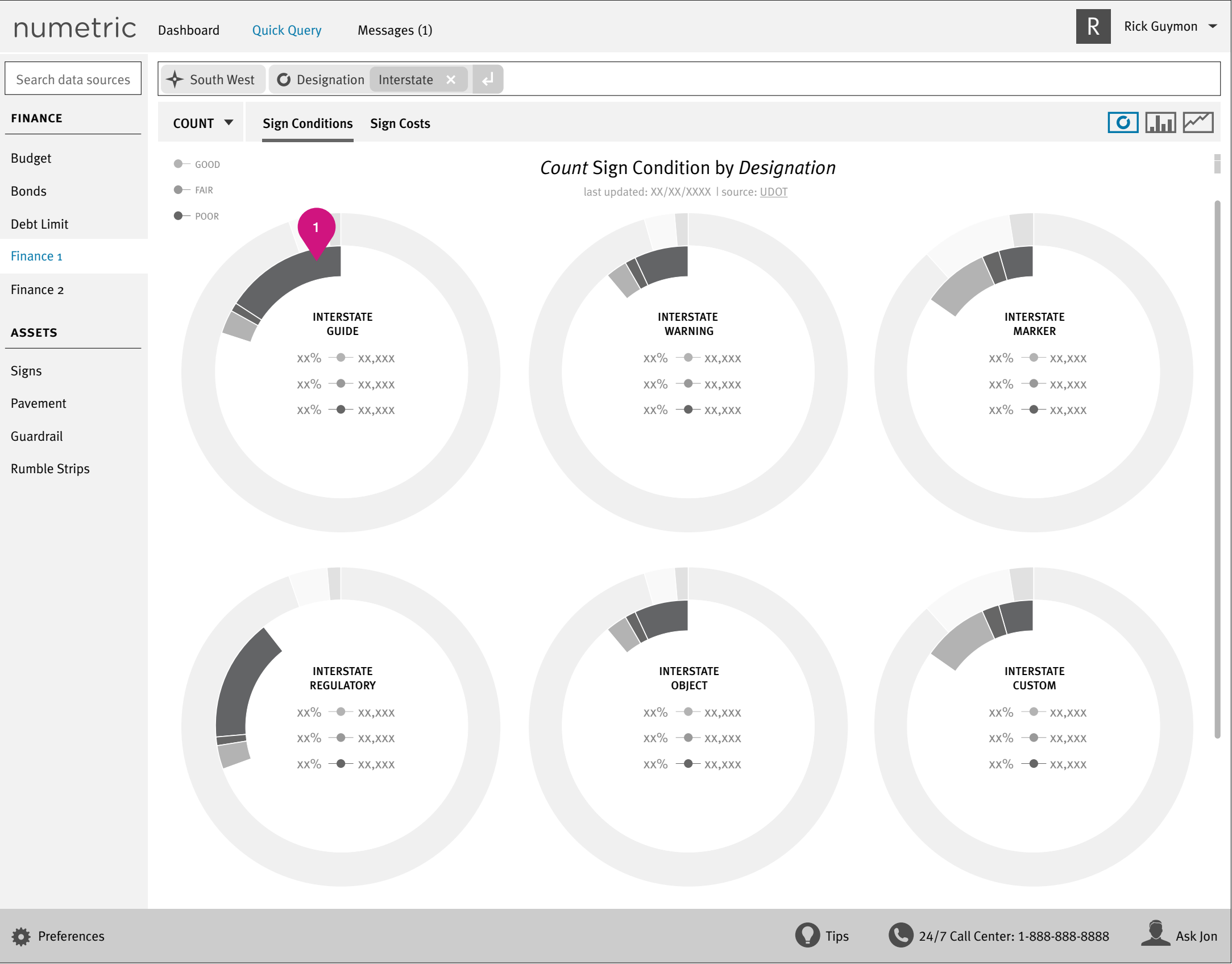


optional state change

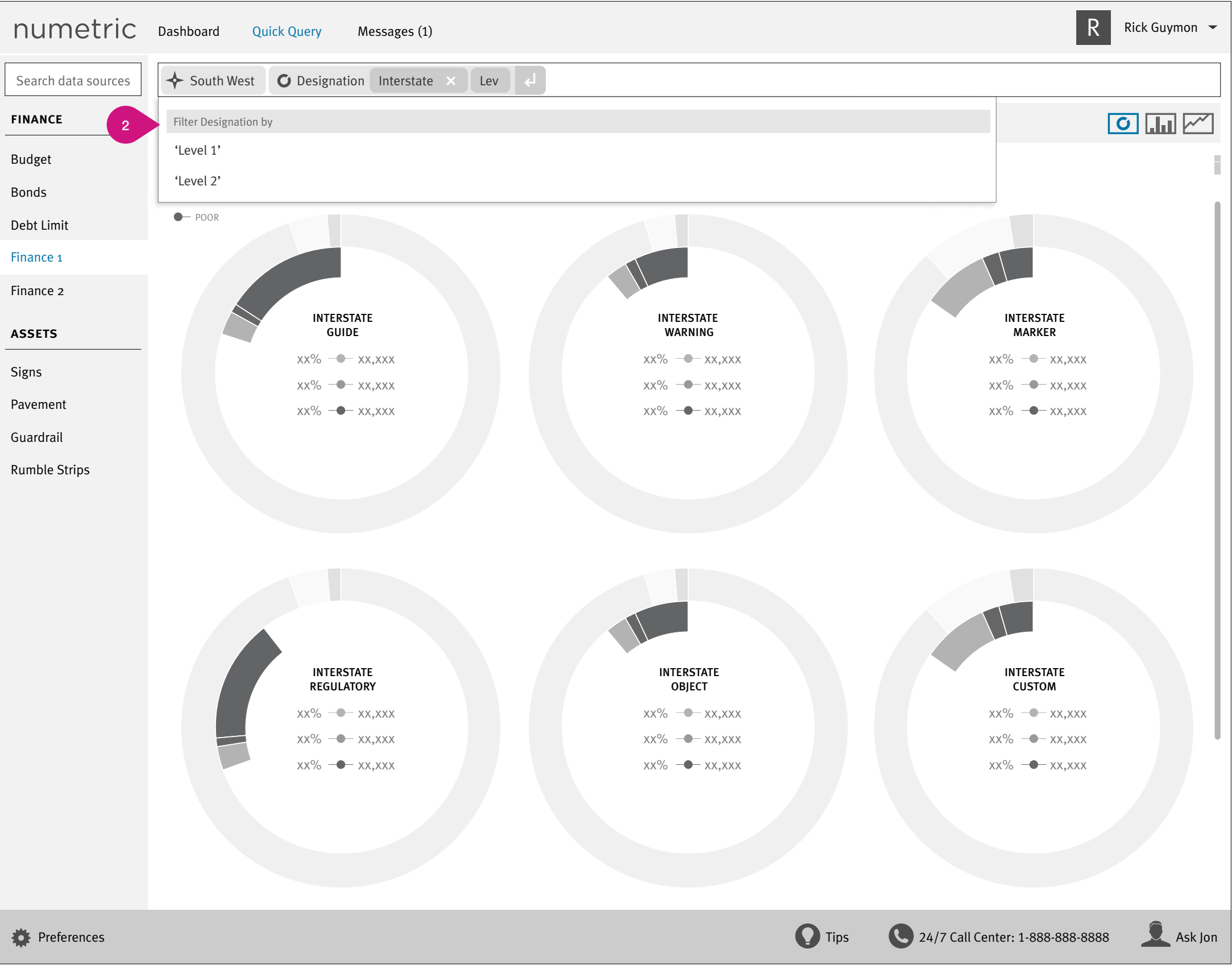
1. **Aggregation Type:** Highlights method of aggregation. Users can switch to a different aggregation type via pulldown menu.
2. **Selected Tab:** Shows the currently selected tab. Users can see a different set of operations by changing tab state.
3. **Graph Mode:** Shows different options for visualizing data.
4. **Key**
5. **Title:** Shown for clarification on the information being displayed. Variables are italicized.
6. **Las Updated / Data Source**
7. **Contextual Menu:** Similar to component menu.
8. **Group Title**
9. **a:** shows data as percentage. **b:** shows data as exact count.
10. **Overlay:** Appears on hover (PC).



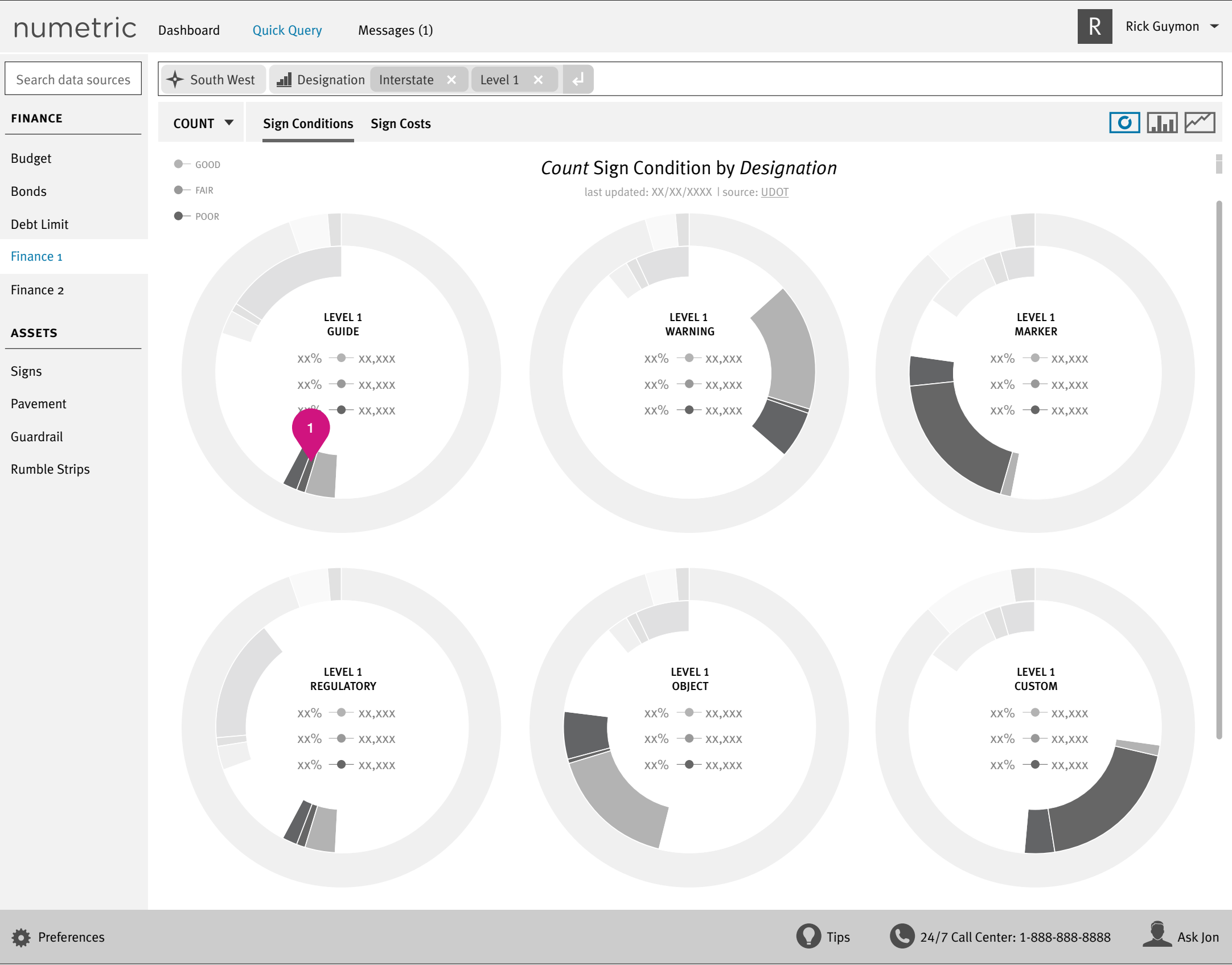
1. Sub-filter: Clicking the sub-filter button allows the user to add a contextual group filter.
2. Predictive Text: Suggests a filter based on characters entered by the user.
3. Other Filter Options: Suggests other filters relevant to the group.



1. **Interstate:** Displays data as a second layer in the sunburst graph. The numbers and title would update automatically.



1. **Options:** Only viable options are presented. (e.g. 'Interstate' would not be shown as it is already used.)



1. **Level 1:** Shown at 100% opacity. Users can click other layers to bring them to the foreground. Title and data would update automatically.

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DashboardQuick QueryMessages (1)

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Milepost: 150-155

Pavement Type: Concrete

Class: Interstate

Current Condition: 90

AADT

Average Condition History

Average Condition History

Treatment History

Preferences

Tips24/7 Call Center: 1-888-888-8888Ask Jon

1. **16-column grid:** Based on 1280px (full width) browser window. Specs are 5.46875% (column width), .546875% (padding), and .78125% (gutter area).