



Integrated Enterprise Reporting

July 2013

Don McNatty

PROJECT MANAGEMENT SOLUTIONS THAT *SIMPLY* WORK.

ORACLE Platinum
Partner

Specialized
Primavera P6 EPPM
Primavera Contract Management

Abstract

“Integrated Reporting” can be accomplished by using reporting and dashboard tools that support accessing multiple data sources directly or through a data warehouse. The data warehouse is the “central” database containing data with differing structures used in producing reports that incorporate the data directly from their auditable source databases. The report/dashboard is supported by programming to align the data based in common elements to provide Enterprise level information, supported by individual system audit reports and without the need for Excel.

Thank you for joining today's technical webinar

- Mute – all call in phones are automatically muted in order to preserve the quality of the audio for all attendees.
- Questions – during the session, questions can be submitted through the Questions Box on the right side of the screen . We will try to address your questions at the end of the presentation, time permitting.
- Follow up – all registrants will receive an Excel file listing all questions and responses along with a link to the recorded webinar.

Twenty-five + years experience with Primavera



- Oracle Primavera Software
- Oracle Certified Training
- Oracle Certified Implementation Support
- Project Support Services – administrators, schedulers, estimators
- **Managed Hosting Services through MLM Project Services**
 - Primavera Portfolios, P6 (web), P6 Pro, Contract Management, BI Publisher, Documents, Risk
 - Hard Dollar, Acumen Fuse, Ecosys, Prism G2...
- **Subscription based Oracle | Primavera solutions**

Business Process Outsourcing



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Outline

- What is “Integrated Enterprise Reporting”?
- How does it compare to data integration?
- Technologies
- The Reporting Database
- Benefits
- Examples
- Demonstration
- Summary

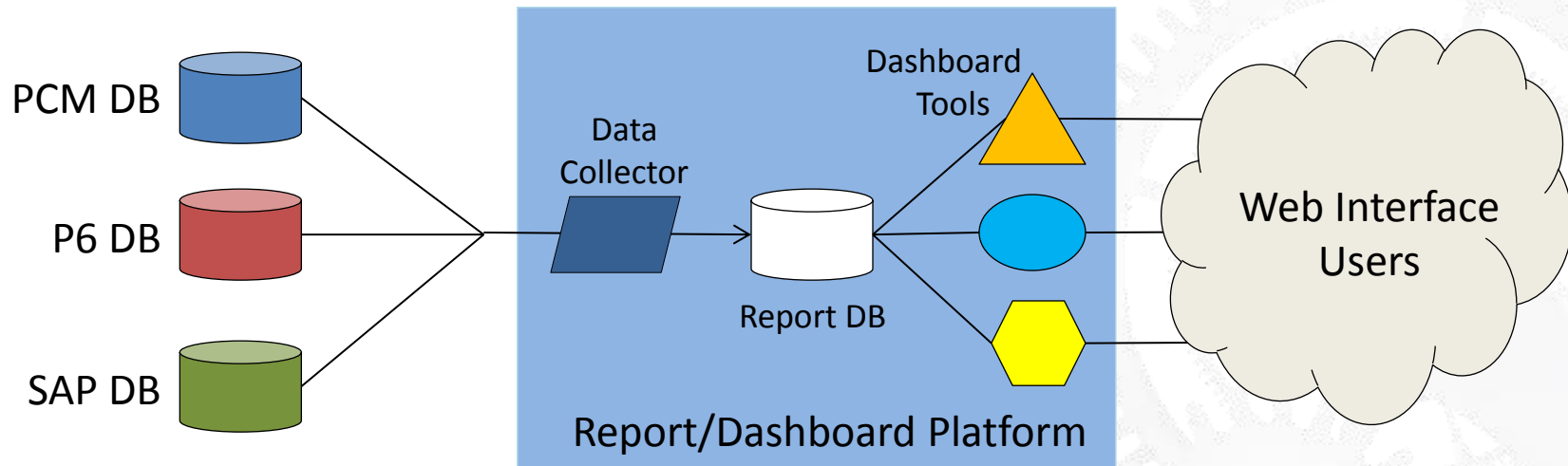
Integrated Enterprise Reporting

- Data, from multiple sources within the organization...
 - (Often data is silo'd and unconnected)
- Is captured from it's native structure and formatted, simplified or renamed for easy use in reports...
- Aligned within a reporting database for proper context (time, cost, scope)...
- To provide an integrated dataset for reporting.
- Using a variety of third party report writers, dashboard or graphic tools.
- Easily accessed through a simple web interface.

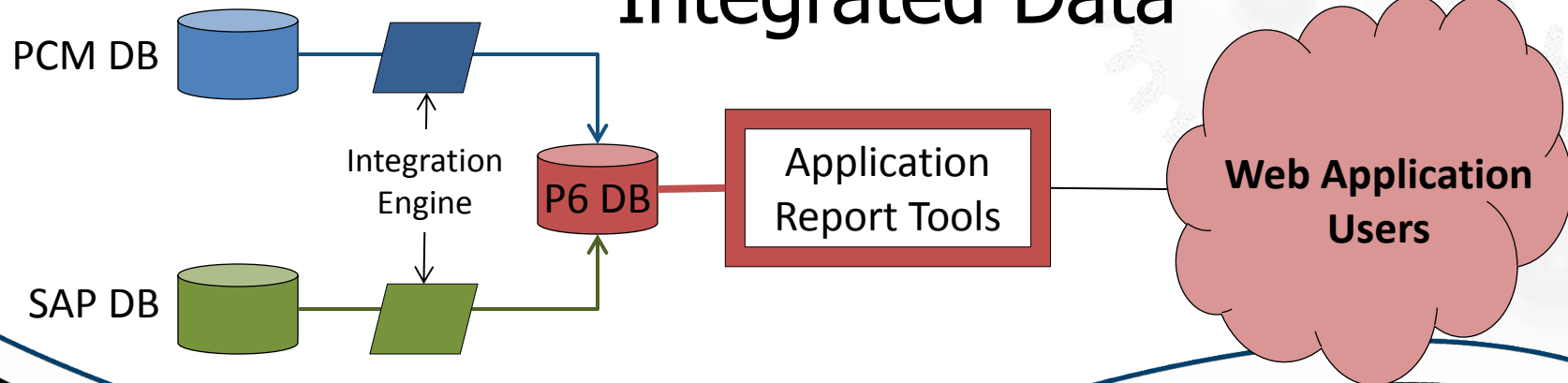
Data Integration

- Data, from multiple sources within the organization...
 - (Often data is silo'd and unconnected)
- Is passed through “data connectors” and “integration engine” that process and align the data...
- Usually collected into one “primary application” ...
- To provide information both onscreen and in reports.
- Using application specific reporting tools.
- Through application specific interfaces.
- May still need Integrated Enterprise Reporting

Integrated Reporting



Integrated Data



Technologies

- Some of the examples shown in this presentation used various technologies applied to an Integrated Reporting Platform in our hosted data center.
 - Language: Ruby
 - Framework: Ruby on Rails
 - Database: Postgres/MongoDB/MSSQL/Oracle
 - Standards: HTML5, CSS3, JavaScript and Web Services
 - Web interaction Libraries: HighCharts – Charting, ExtJS – UI/Grid
 - Operating System: Ubuntu Linux 12.04

The Reporting Database

- Gathers information from other database sources as part of an ETL (Extract, Transform and Load) process.
- During this process data can be “flattened” for ease of use and combined from the different sources by linking related pieces of information (for example project information from P6 and Contract Manager).
- Reporting Databases are not “live” databases but are refreshed on a regular basis (for example, daily).
- A reporting database can easily retrieve data from multiple P6 or Contract Management databases.
- Primavera’s P6 Analytics Reporting Database is an example of a Reporting Style of Database that includes P6 data. Non-P6 data can be added to the environment.

Benefits

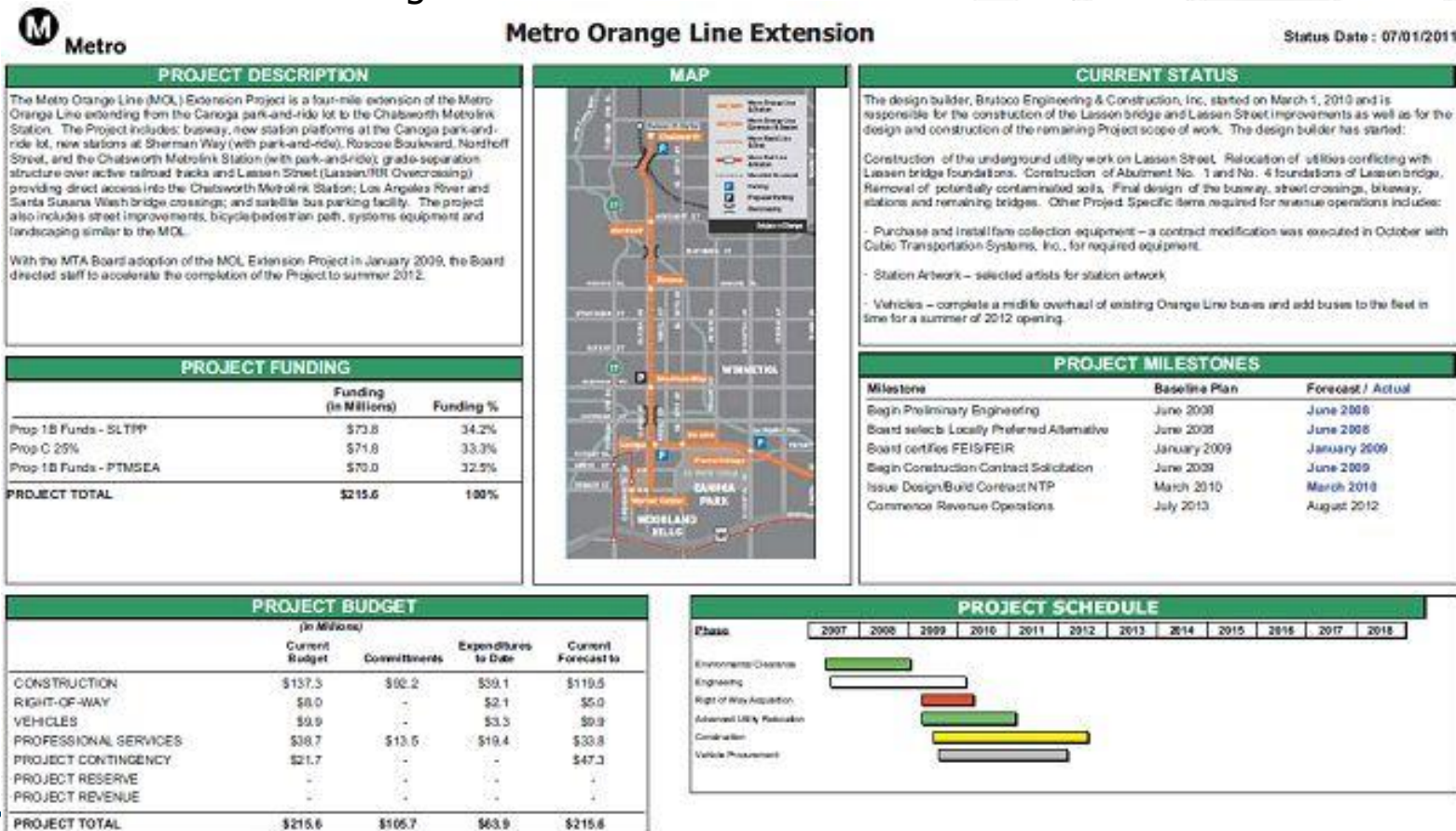
- Integrated reporting is less costly than full application integration.
- Data in the reporting database is easier to work with for ad-hoc reports.
- Reporting database can support data access security.
- A variety of third party tools are available to access the reporting database directly for specialized output.
- Reports, Dashboards, Analytic data easily accessed through simple web interfaces or devices.
- Output is interactive with “drill-down” capability.
- Audit reports can align with source data.

Examples

- Los Angeles Metro
 - Orange Line Project Summary
 - Measure R Public Dashboards
- Large Utility
 - Dashboards

Orange Line Summary Report

A single page summary report has been created for each of the Major Rail projects and dynamically displays data from P6 and Contract Management related to convey high level project information in a single view.

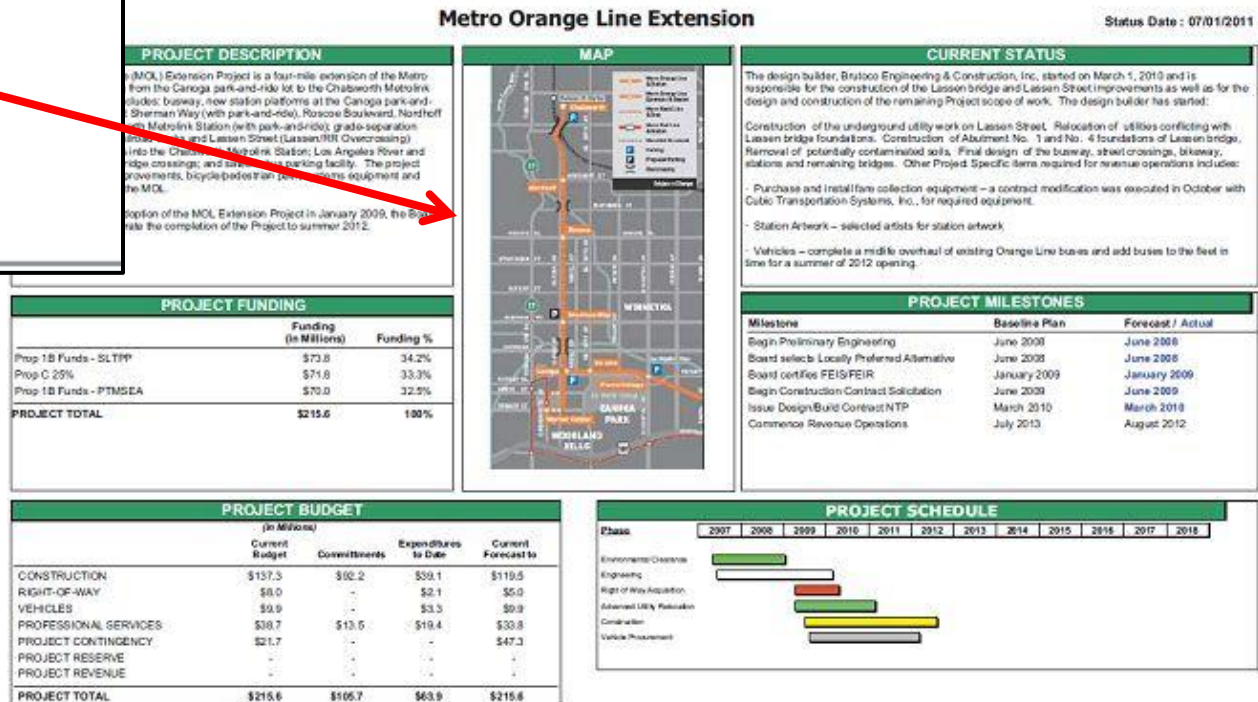


Orange Line Summary Report

Project Status Reports

- [Crenshaw / LAX Transit Corridor](#)
- [Eastside Transit Corridor Phase II](#)
- [Exposition Light Rail Transit to Santa Monica](#)
- [Gold Line Foothill Light Rail Extension](#)
- [Green Line Extension to LAX](#)
- [Green Line South Bay Extension](#)
- [Metro Orange Line Extension](#)
- [Regional Connector](#)
- [San Fernando Valley East North-South](#)
- [San Fernando Valley I-405 Corridor](#)
- [West Santa Ana Branch Corridor](#)

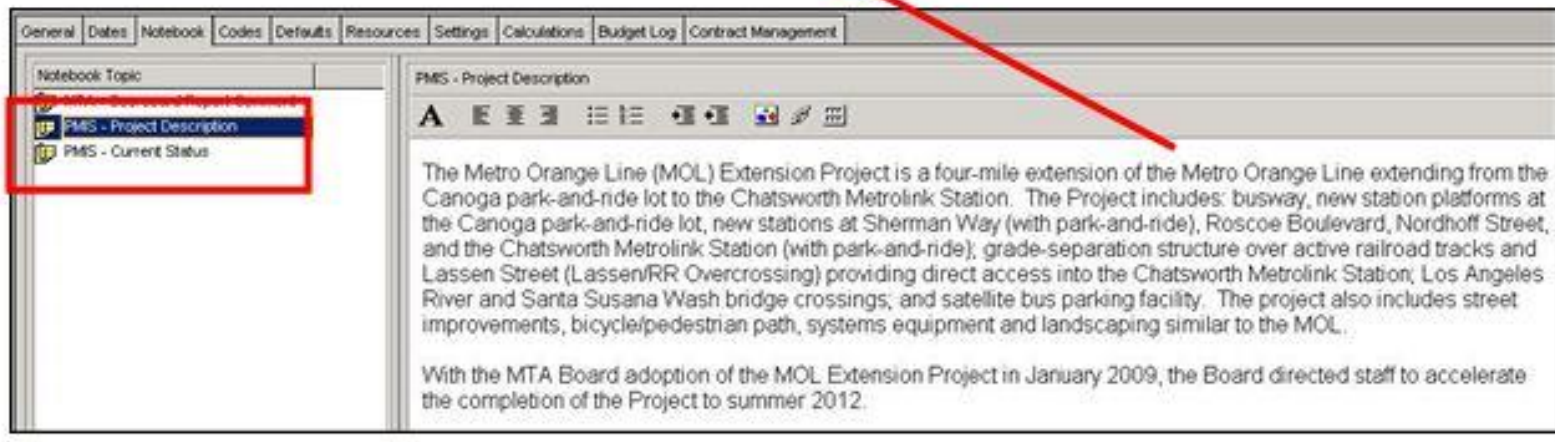
Reports are easily accessed via a custom portlet in the P6 Web Dashboard and users can select the specific project link and launch the report directly from within P6 Web.



Orange Line Summary Report

Summary Report fields for Project Description and Current Status are receiving information from Notebook Topics within P6. This information has the capability to be updated within the P6 Client Application or P6 Web.

| PROJECT DESCRIPTION | CURRENT STATUS |
|---|--|
| <p>The Metro Orange Line (MOL) Extension Project is a four-mile extension of the Metro Orange Line extending from the Canoga park-and-ride lot to the Chatsworth Metrolink Station. The Project includes: busway, new station platforms at the Canoga park-and-ride lot, new stations at Sherman Way (with park-and-ride), Roscoe Boulevard, Nordhoff Street, and the Chatsworth Metrolink Station (with park-and-ride); grade-separation structure over active railroad tracks and Lassen Street (Lassen/RR Overcrossing) providing direct access into the Chatsworth Metrolink Station; Los Angeles River and Santa Susana Wash bridge crossings; and satellite bus parking facility. The project also includes street improvements, bicycle/pedestrian path, systems equipment and landscaping similar to the MOL.</p> <p>With the MTA Board adoption of the MOL Extension Project in January 2009, the Board directed staff to accelerate the completion of the Project to summer 2012.</p> | <p>The design builder, Brutoco Engineering & Construction, Inc. started on March 1, 2010 and is responsible for the construction of the Lassen bridge and Lassen Street improvements as well as for the design and construction of the remaining Project scope of work. The design builder has started:</p> <p>Construction of the underground utility work on Lassen Street, Relocation of utilities conflicting with Lassen bridge foundations. Construction of Abutment No. 1 and No. 4 foundations of Lassen bridge. Removal of potentially contaminated soils. Final design of the busway, street crossings, bikeway, stations and remaining bridges. Other Project specific items required for revenue operations includes:</p> <ul style="list-style-type: none">- Purchase and install fare collection equipment – a contract modification was executed in October with Cubic Transportation Systems, Inc., for required equipment.- Station Artwork – selected artists for station artwork- Vehicles – complete a midlife overhaul of existing Orange Line buses and add buses to the fleet in time for a summer of 2012 opening. |



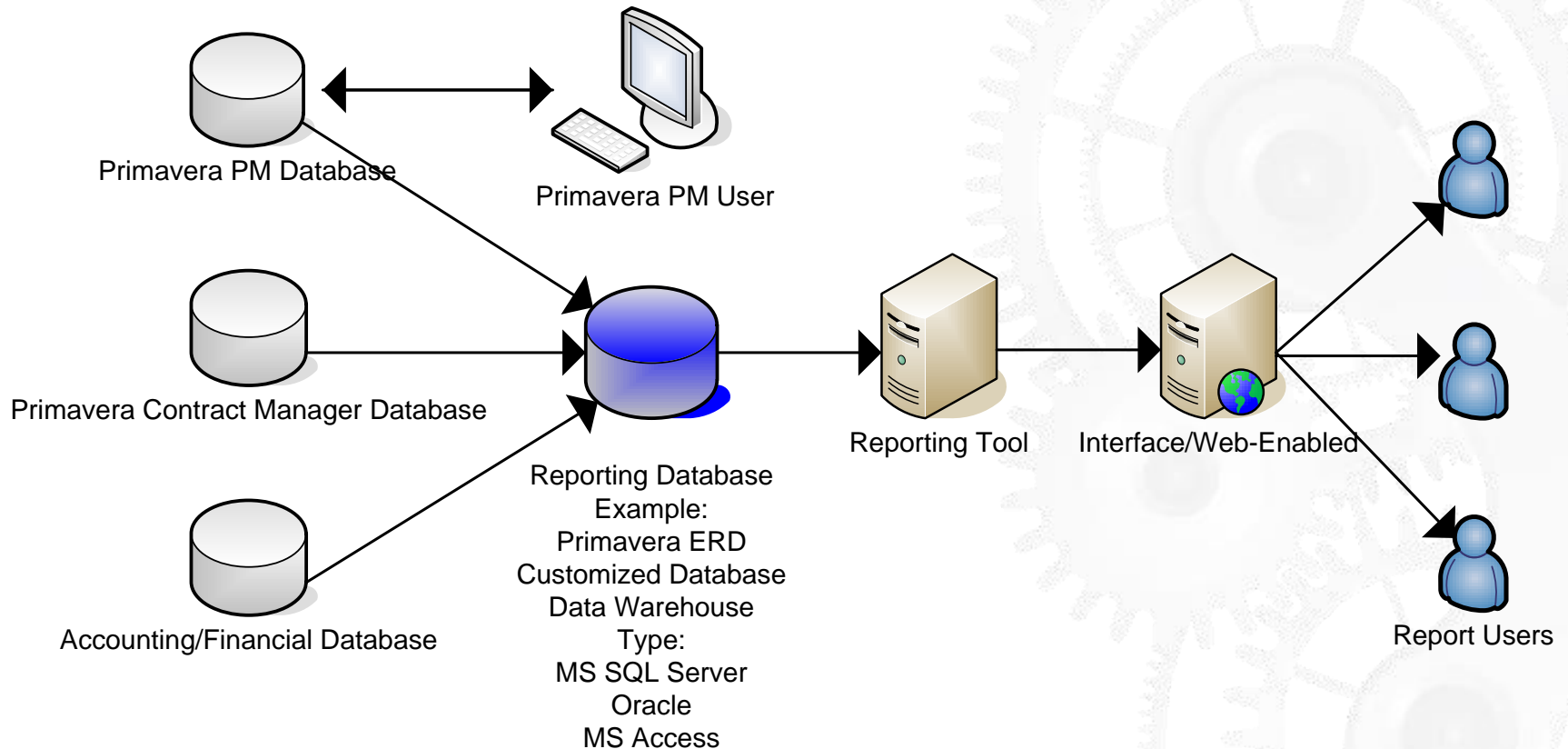
Orange Line Summary Report

Report information for Gantt Chart and Project Milestones are updated from schedule information contained within the P6 Summary Schedule. Activity codes are used to identify the proper information and the report consolidates the information for display.

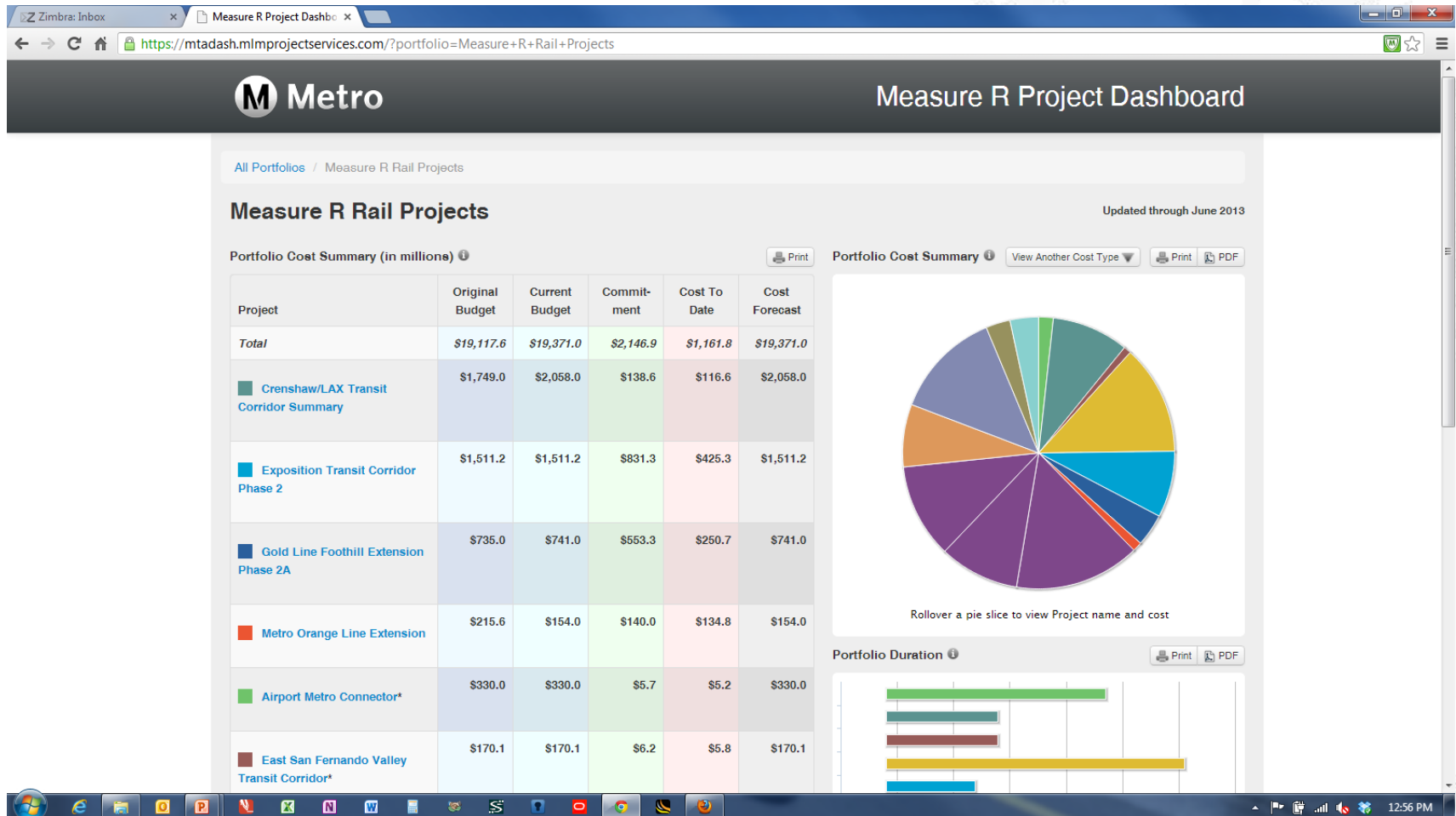
| PROJECT MILESTONES | | |
|---|---------------|-------------------|
| Milestone | Baseline Plan | Forecast / Actual |
| Begin Preliminary Engineering | June 2008 | June 2008 |
| Board selects Locally Preferred Alternative | June 2008 | June 2008 |
| Board certifies FEIS/FEIR | January 2009 | January 2009 |
| Begin Construction Contract Solicitation | June 2009 | June 2009 |
| Issue Design/Build Contract NTP | March 2010 | March 2010 |
| Commence Revenue Operations | July 2013 | July 2012 |

| Activity ID | Activity Name | Start | Finish | PMS Milestone Task Code |
|-------------------------------------|---|-------------|-------------|-------------------------|
| Orange Line Canoga Extension | | 25-Jun-08 A | 31-Jul-12 | |
| Planning / Environmental | | 26-Jun-08 A | 22-Jan-09 A | |
| OE-PL-1020 | Board selects Locally Preferred Alternative | | 26-Jun-08 A | LPA |
| OE-PL-1040 | Board certifies FEIS/FEIR | 22-Jan-09 A | | EIR |
| Design Engineering | | 25-Jun-08 A | 27-Jun-09 A | |
| OE-DE-1070 | Begin Preliminary Engineering | 25-Jun-08 A | | PE |
| OE-DE-1090 | Advertise for Construction Bidders | 27-Jun-09 A | | AFB |
| Construction | | 01-Mar-10 A | 31-Jul-12 | |
| OE-CO-1000 | Issue Design/Build Contract NTP | 01-Mar-10 A | | NTP |
| OE-CO-1100 | Commence Revenue Operations | | 31-Jul-12 | REV |

Reporting Structure Architecture



LA Metro - Dashboards



<https://mtadash.mlmprojectservices.com/>

[All Portfolios](#) /
 [Measure R Rail Projects](#) /
 [Gold Line Foothill Extension Phase 2A](#)

Gold Line Foothill Extension Phase 2A

[Scope](#)
[Status](#)
[Cost](#)
[Schedule](#)

Project Cost Summary (in millions) ⓘ

Print

| Phase | Original Budget | Current Budget | Commitment | Cost To Date | Cost Forecast |
|-----------------------|-----------------|----------------|------------|--------------|---------------|
| Total | \$735.0 | \$741.0 | \$553.3 | \$250.7 | \$741.0 |
| Construction | \$433.6 | \$433.6 | \$402.8 | \$214.2 | \$433.6 |
| Right-of-Way | \$75.0 | \$75.0 | \$75.0 | \$34.0 | \$75.0 |
| Vehicles / Buses | \$64.5 | \$64.5 | \$0.0 | \$0.0 | \$64.5 |
| Professional Services | \$84.7 | \$84.7 | \$75.5 | \$2.4 | \$84.7 |
| Project Contingency | \$47.3 | \$53.3 | \$0.0 | \$0.0 | \$53.3 |
| Project Finance | \$30.0 | \$30.0 | \$0.0 | \$0.0 | \$30.0 |

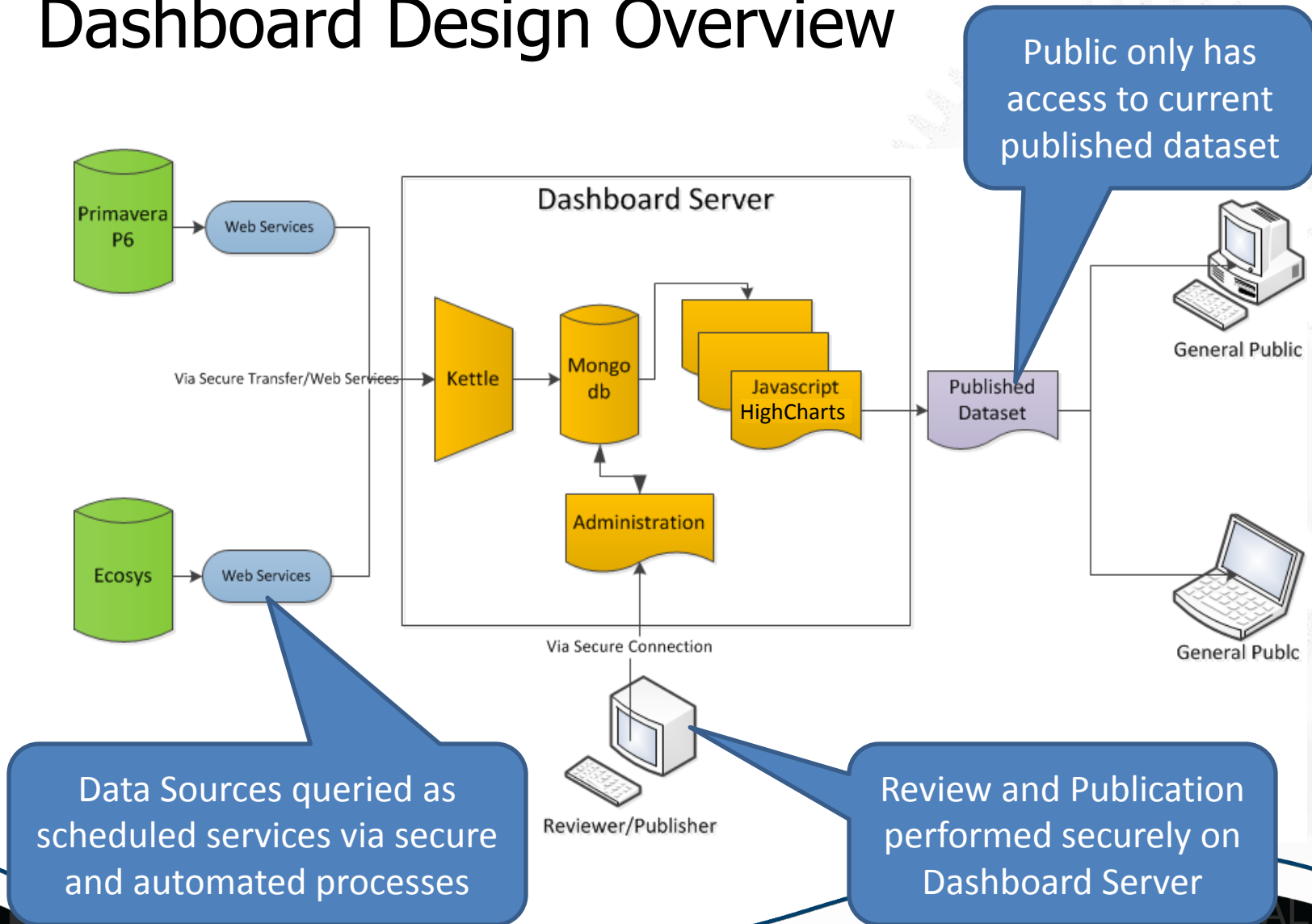
Executive Summary

- Designed to provide public-facing website that reports:
 - Status and Performance of Measure R projects
 - Include Cost and Schedule information
- Data published is extracted from existing PMIS systems (P6, Ecosys, FIS)
- Administration system in place to validate and audit information PRIOR to publication, including audit of all review and publication steps.
- Designed for Measure R project portfolio but ready to support additional portfolios of projects.

System Overview

- Web-based system.
 - Javascript utilized, but no Java applets to install
 - Browser-independent for most recent browsers
- Data extractions from PMIS systems are done weekly in automated processes.
- Administration of public-facing data is maintained within the Dashboard system.

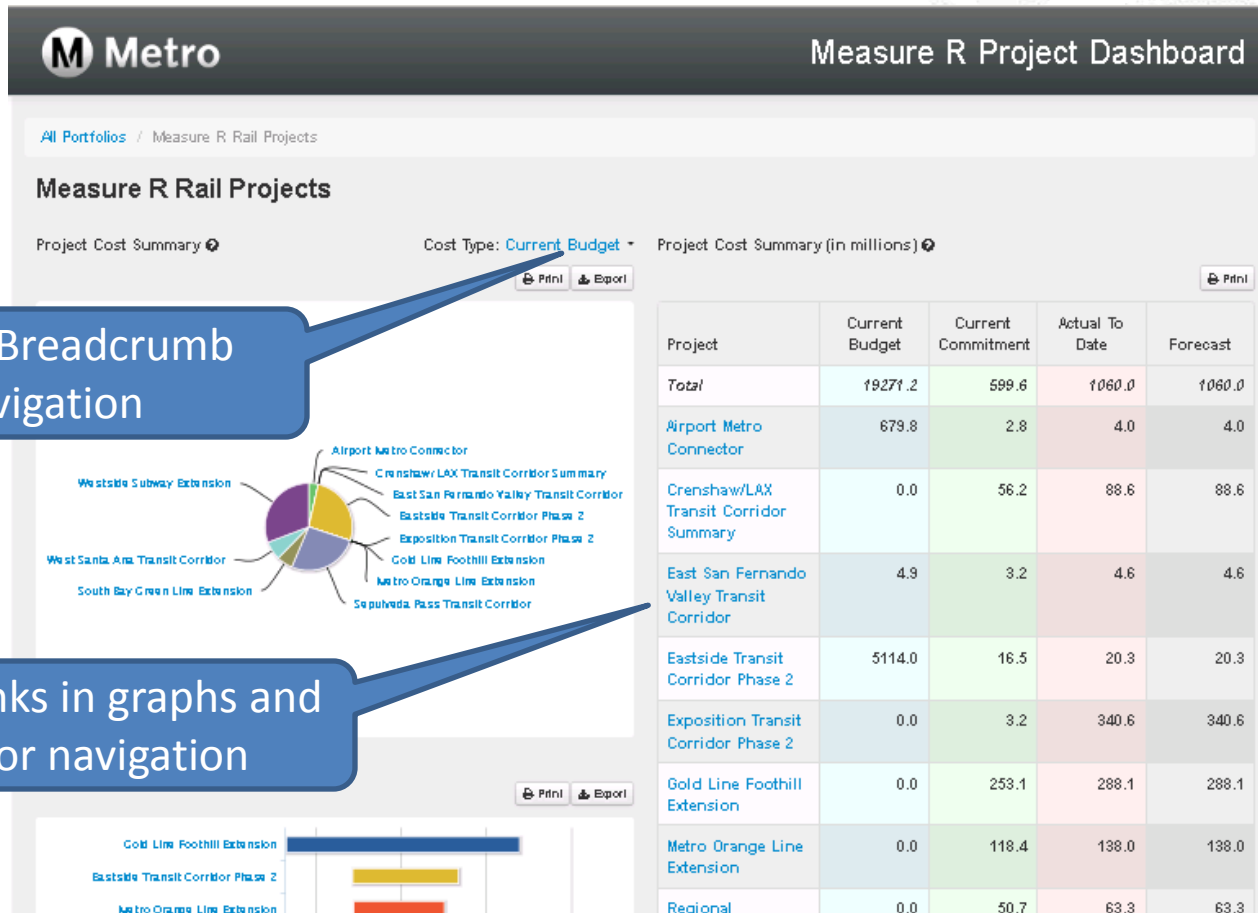
Dashboard Design Overview



Data Sources

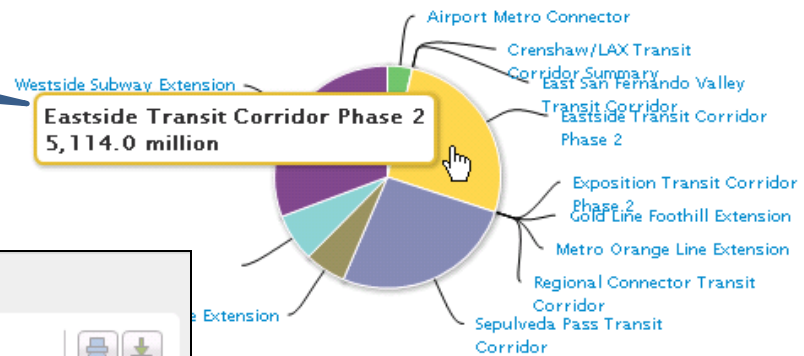
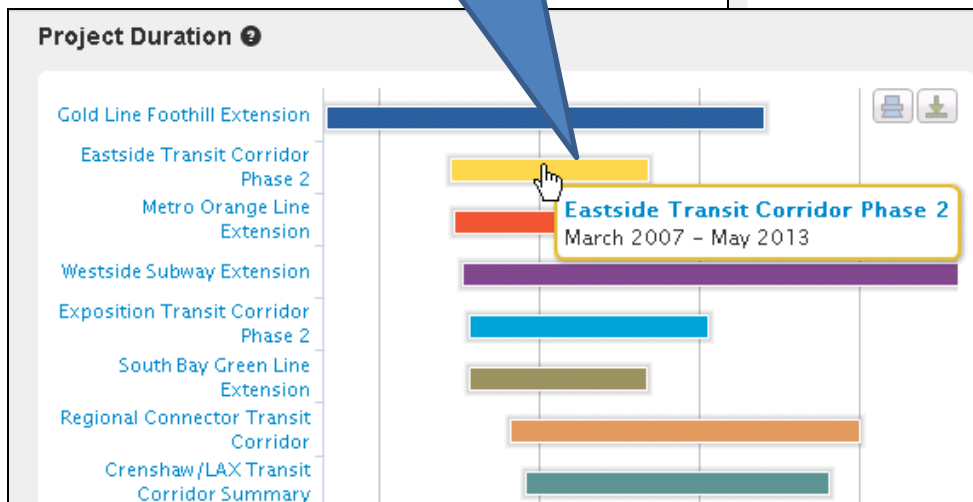
- Cost data—retrieved from Ecosys which includes cost data pulled in from FIS and Primavera Contract Management.
- Schedule data—retrieved from P6.
- Project Status—retrieved from P6.
- Maps—uploaded to Dashboard system.
- Images—uploaded to Dashboard system.

Site Navigation



Site Navigation--Graphs

Mouse over for key details



Site Navigation

M Metro Measure R Project Dashboard

All Portfolios / Measure R Rail Projects / Eastside Transit Corridor Phase 2

Eastside Transit Corridor Phase 2

Scope Status Cost Schedule

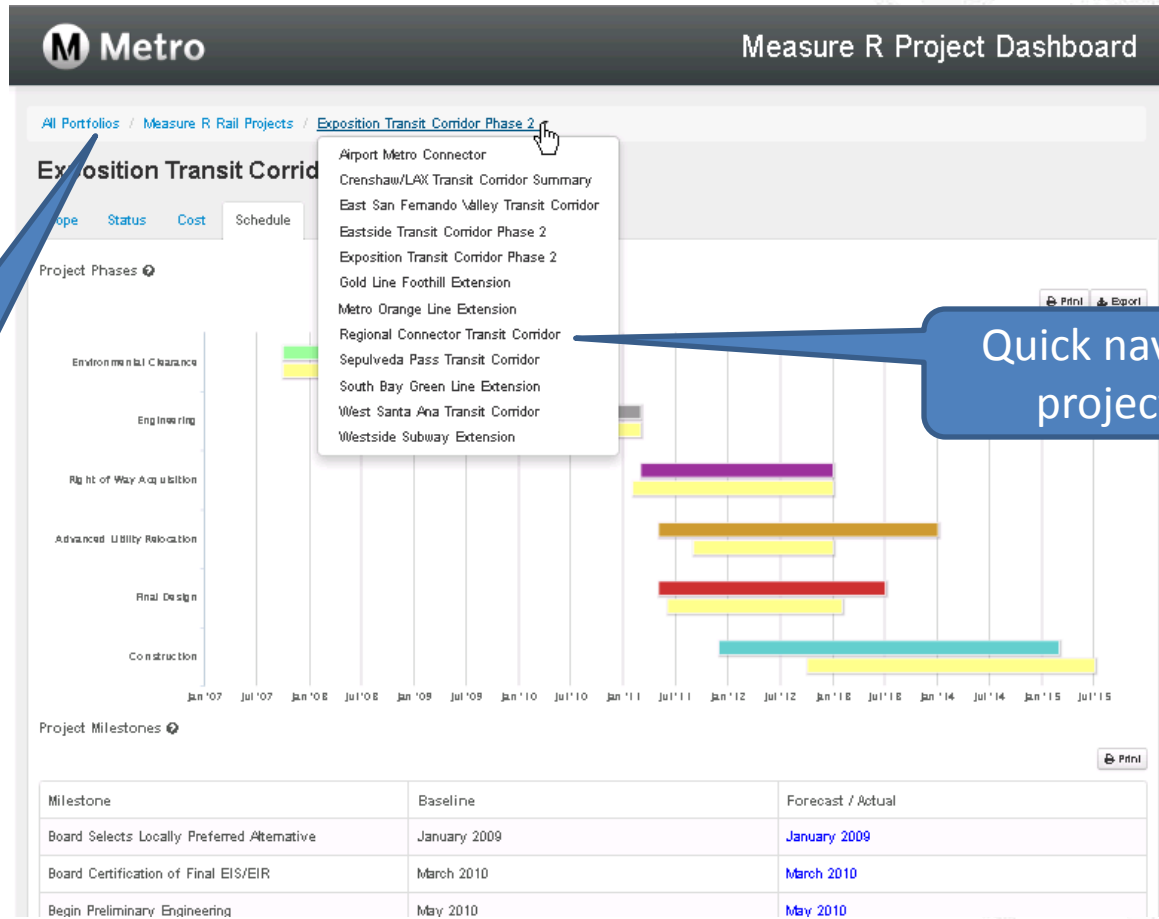
Map

Project Description

Eastside Transit Corridor Phase 2 will extend the recently opened Gold Line Eastside Extension light rail line to communities farther east. Two light rail transit alternatives are being explored including an SR-60 alternative and a Washington Boulevard alternative in the Draft Environmental Impact Statement/Report (DEIS/DEIR).

Details organized into
simple tabs

Site Navigation



Breadcrumb navigation

Quick navigation to other projects in portfolio

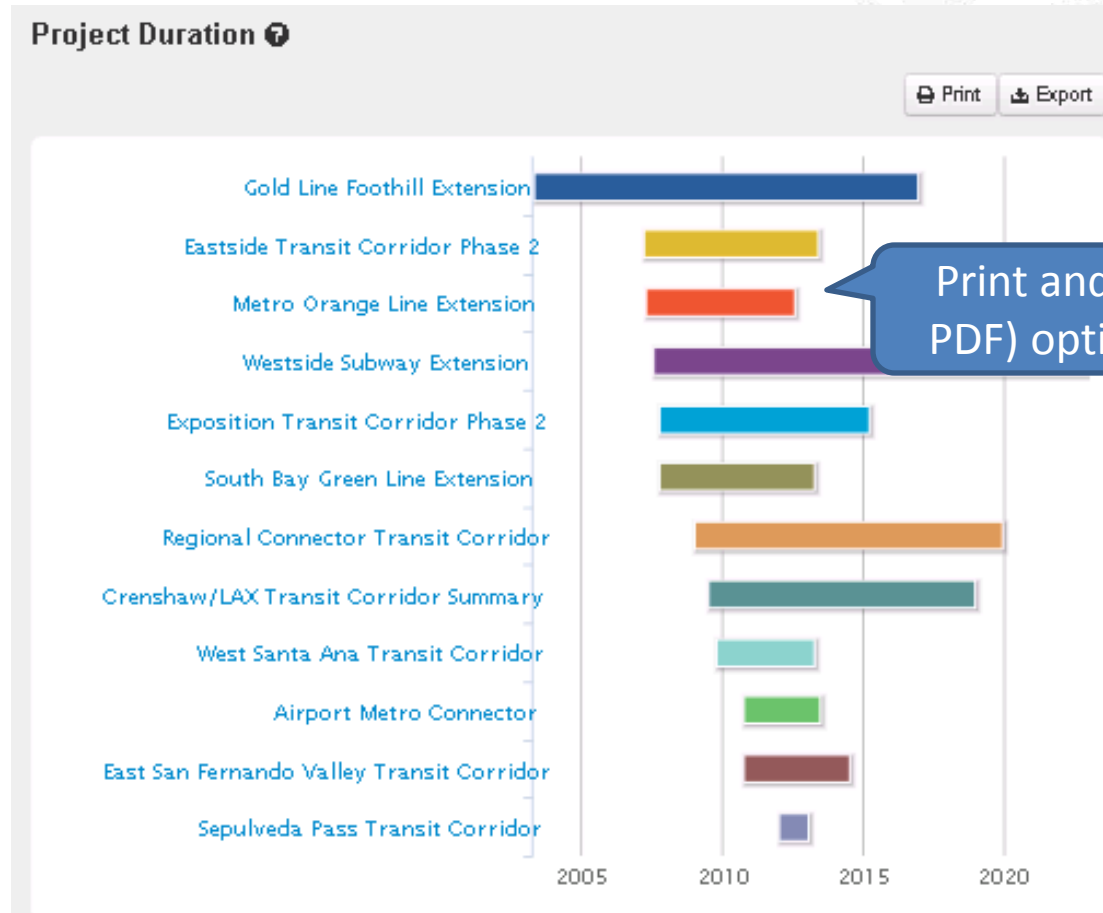


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Special Features



Print and Export (Save as PDF) option on all Graphs

Special Features

Project Cost Summary (in millions) ⓘ

Print

| Project | Current Budget | Current Commitment | Actual To Date | Forecast |
|--|----------------|--------------------|----------------|----------|
| Total | 19271.2 | 599.6 | | |
| Airport Metro Connector | 679.8 | 2.8 | 4.0 | 4.0 |
| Crenshaw/LAX Transit Corridor Summary | 0.0 | 56.2 | 88.6 | 88.6 |
| East San Fernando Valley Transit Corridor | 4.9 | 3.2 | 4.6 | 4.6 |
| Eastside Transit Corridor Phase 2 | 5114.0 | 16.5 | 20.3 | 20.3 |

Print option on all tabular data.



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Special Features

Simple Help pop ups to explain what's on screen

The screenshot shows a software interface for a project titled "Exposition Transit Corridor Phase 2". At the top, there are four tabs: "Scope", "Status", "Cost", and "Schedule". The "Status" tab is currently selected. Below the tabs, there is a section titled "Current Status" with a question mark icon. A mouse cursor is hovering over this icon, which has triggered a help pop-up. The pop-up is a dark grey box with white text that reads: "Current status narrative from the Project Manager". Below the "Current Status" section, there is a paragraph of text: "The Phase 2 Design-Build contractor, Skanska/Rados continues to advance alternatives for the maintenance facility. URS began mobilization of the E Beatty Infrastructure who provided the lowest responsive bid for the design Department of Transportation for a shared use parking garage on City of Caltrans. Continued coordination with LADWP and SCE on overhead power project stakeholders. Skanska/Rados continues potholing and pre-construction Canyon Storm Drain. Skanska/Rados continued Preliminary Engineering". At the bottom of the "Current Status" section, there is a link labeled "Images" followed by a question mark icon.

Exposition Transit Corridor Phase 2

Scope Status Cost Schedule

Current Status ?

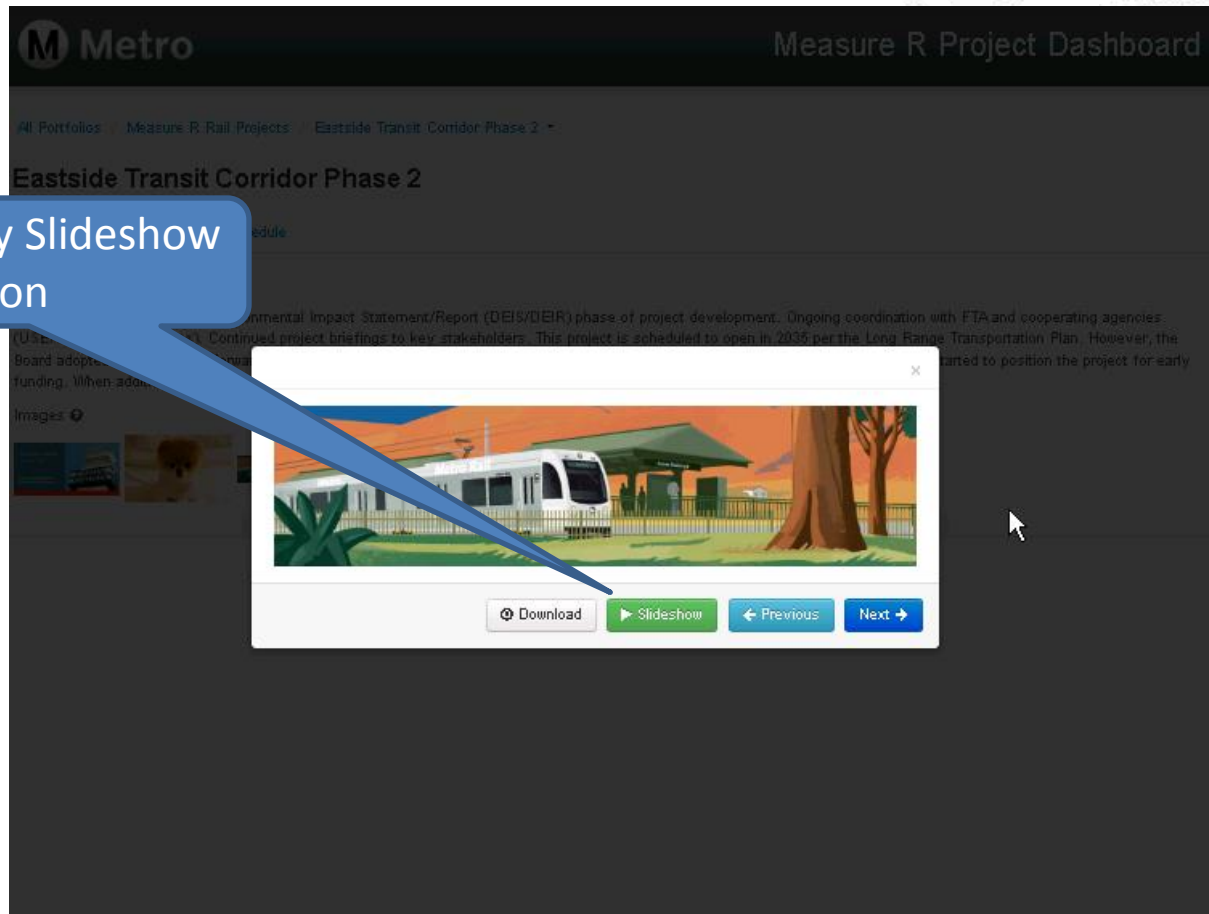
Current status narrative from the Project Manager

The Phase 2 Design-Build contractor, Skanska/Rados continues to advance alternatives for the maintenance facility. URS began mobilization of the E Beatty Infrastructure who provided the lowest responsive bid for the design Department of Transportation for a shared use parking garage on City of Caltrans. Continued coordination with LADWP and SCE on overhead power project stakeholders. Skanska/Rados continues potholing and pre-construction Canyon Storm Drain. Skanska/Rados continued Preliminary Engineering

Images ?

Photo Gallery

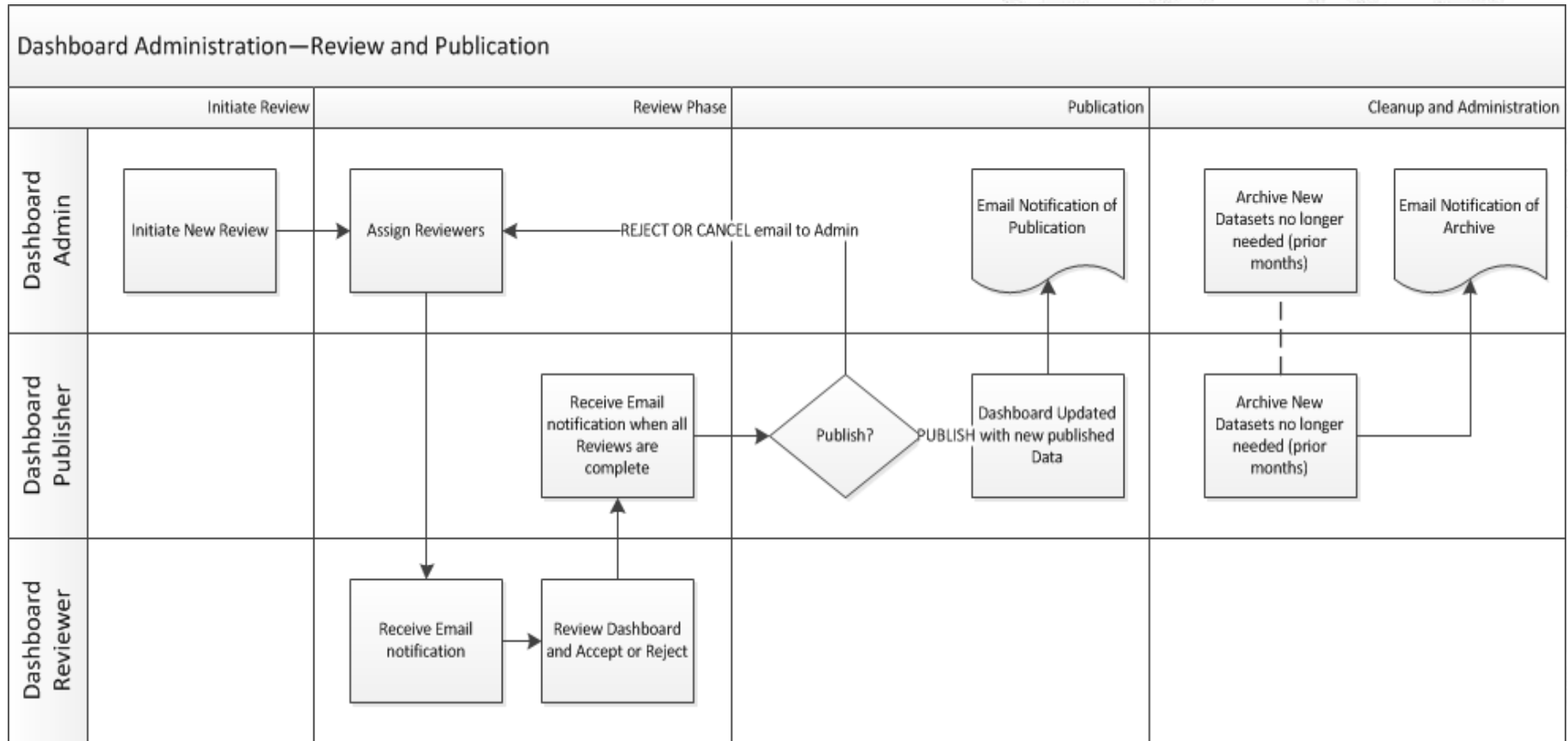
Photo Gallery Slideshow
option



Administration

- Complete Administration utility to administer, review and publish dashboard data.
- Maintains historical record of published, reviewed, rejected data.
- Users for administration have role-based access assigned.
- Review/Publication process utilizes automated emails to users involved.

Review and Publication Workflow



Review and Publish

Datasets selection for review PRIOR to publication

The screenshot shows the Metro Measure R Project Dashboard Admin interface. The top navigation bar includes the Metro logo and the title "Measure R Project Dashboard Admin". Below the navigation bar, there are tabs for "Review", "Datasets", "Historical", "Users", and "Gallery". The "Datasets" tab is selected. The main content area is divided into two sections: "Current Datasets" and "New Datasets". Each section contains a table with columns for "Dataset ID", "Publish Date", and "Actions". The "Current Datasets" table has one row with Dataset ID "2013-02-06" and Publish Date "2013/02/07 Feb:02 PM". The "New Datasets" table has one row with Dataset ID "2013-02-07" and Created Date "2013/02/07 Feb:02 AM". The "Actions" column for "Current Datasets" has buttons for "View" and "Reviews". The "Actions" column for "New Datasets" has buttons for "Preview", "Initiate Review", and "Archive".

| Dataset ID | Publish Date | Actions |
|------------|----------------------|--|
| 2013-02-06 | 2013/02/07 Feb:02 PM | View Reviews |

| Dataset ID | Created Date | Actions |
|------------|----------------------|---|
| 2013-02-07 | 2013/02/07 Feb:02 AM | Preview Initiate Review Archive |

Multiple reviewers status content PRIOR to publication

The screenshot shows the Metro Measure R Project Dashboard Admin interface. The top navigation bar includes the Metro logo and the title "Measure R Project Dashboard Admin". Below the navigation bar, there are tabs for "Review", "Datasets", "Historical", "Users", and "Gallery". The "Review" tab is selected. The main content area shows the "Current Review: 2013-02-02" with a status of "Pending". Below this, there are buttons for "Cancel Review", "Accept & Publish", and "Reject & Archive". The main content area is divided into two sections: "Current Review" and "New Reviews". Each section contains a table with columns for "Reviewer", "Review Date", "Review Status", and "Review Notes". The "Current Review" table has one row with Reviewer "RI_Reviewer", Review Date "2013/02/07 Feb:02 PM", and Review Status "Accepted". The "New Reviews" table has one row with Reviewer "RI_Reviewer", Review Date "2013/02/07 Feb:02 PM", and Review Status "Pending".

| Reviewer | Review Date | Review Status | Review Notes |
|-------------|----------------------|---------------|--------------|
| RI_Reviewer | 2013/02/07 Feb:02 PM | Accepted | Add Notes |

Role Based Access

M Metro Measure R Project Dashboard Admin

Admin

[Review](#) [Datasets](#) [Historical](#) [Users](#) [Gallery](#) [Logout](#)

Users

| Name | Username | Email | Admin | Publisher | Reviewer | Actions |
|-------|----------|---------------------|-------------------------------------|--------------------------|--------------------------|---|
| Admin | | admin@drmcnatty.com | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Edit Delete |

User access include Admin, Publisher and Reviewer Roles.

Only Publisher Role has rights to publish data to public dashboard

Future Options

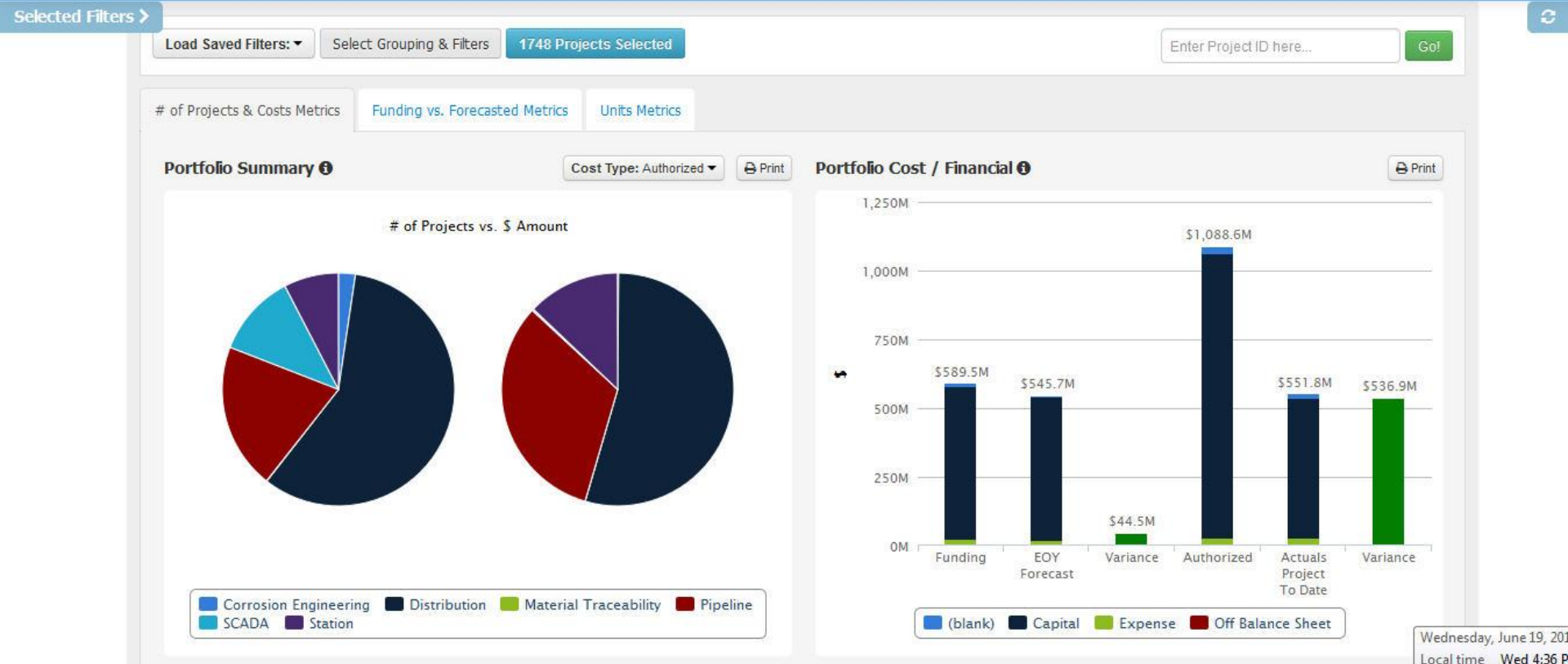
- Implementation of interactive mapping feature for project maps.
- Dashboard currently ready to implement additional portfolios of projects beyond Measure R.

Utility – Performance Reports

- Portfolio Dashboard
- Schedule Dashboard
- Interactive Control of Display
- Project Listing with Drill Down
- Project Summary Dashboard
- Program Status Dashboard
- Program Funding Dashboard

Portfolio Dashboard

Gas Operations Project Management Dashboard



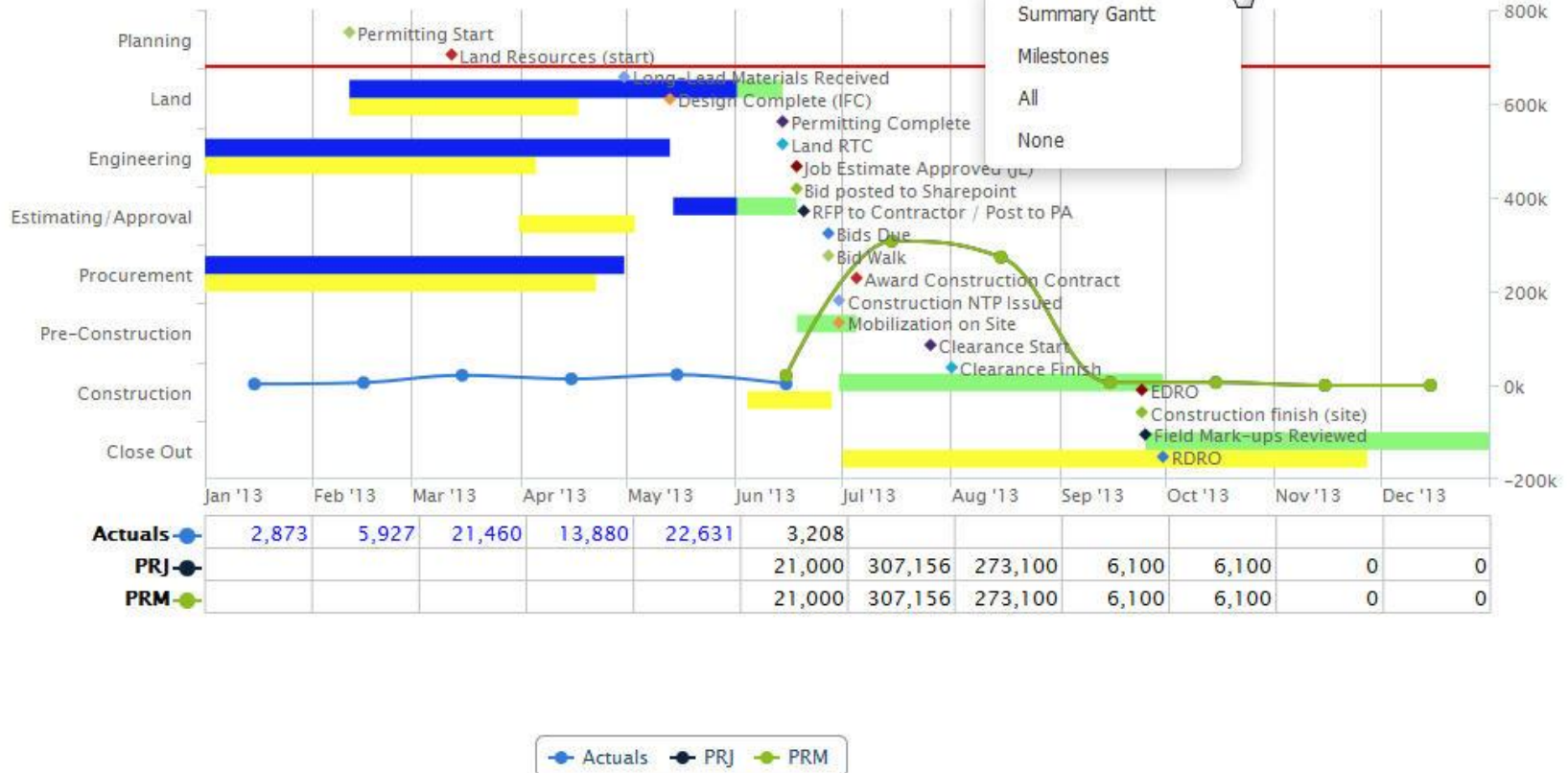
Schedule Dashboard

Schedule ⓘ

View: All

Financial: Monthly Totals

Print



Interactive Control of Display

| Category | Work Stream | Major Work Category | MAT Code | Capital / Expense | Operat Year |
|----------|-------------------|---------------------|-----------------|-------------------|-------------|
| Pipeline | | 73 | Pipeline Cap... | Capital | 2014 |
| Pipeline | | 73 | Pipeline Cap... | Capital | 2012 |
| Pipeline | | | | | 12 |
| Pipeline | Base Pipe - Small | | | | 14 |
| Pipeline | BASE ILI -Upgrade | | | | 14 |
| Pipeline | Base Pipe - Small | | | | 13 |
| Pipeline | Base Pipe - Small | | | | 12 |
| Pipeline | Base Pipe - Small | 73 | | | 13 |
| Pipeline | Base Pipe - Small | 73 | | | 13 |
| Pipeline | Base Pipe - Small | 73 | | | 13 |
| Pipeline | Base Pipe | 73 | | | 14 |
| Pipeline | Base Pipe - Small | 73 | | | 13 |
| Pipeline | Base Pipe - Small | 73 | | | 15 |
| Pipeline | Base Pipe | 73 | | | 15 |
| Pipeline | Base Pipe | 73 | | | 15 |

Sort Ascending
Sort Descending
Columns

☒ Organization
☒ Financial
☒ Dates
☒ Units

☒ Funding State
☒ Funding
☒ EOY Forecast
☒ Funding Gap
☒ Variance
(Funding-EOY Forecast)
☒ YTD Actuals Closed
☒ Remaining Forecast
☒ Authorized
☒ ITD Actuals
☒ Variance
(Authorized-ITD Actuals)
☒ YTD Actuals

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Project List Dashboard

Portfolio / Projects List

Excel

Projects

| | Project ID | Project Name | Organization | | | | | | | | Project Manager |
|-------------|------------|---|--------------|-------------------|---------------------|-----------------|-------------------|----------------|-------------|----------------------|-----------------|
| | | | Category | Work Stream | Major Work Category | MAT Code | Capital / Expense | Operative Year | Active Year | BCA | |
| 73 | | | | | | | | | | | |
| 2 | 30713000 | 8-010-0PM 1202-06 MP 3.66 to MP 4... | Pipeline | Base Pipe | 73 | Pipeline Cap... | Capital | 2014 | A2013 | Michael Rutter (...) | Karen Quinn |
| 3 | 30941511 | 8-004L-010A MP 8.40 TO 8.62 Pipeline... | Pipeline | Base Pipe | 73 | Pipeline Cap... | Capital | 2012 | A2012 | Michael Rutter (...) | Bruce Shulley |
| 4 | 30941511 | 8-005L-010A MP 2.62 TO 3.10 Pipeline... | Pipeline | Base Pipe | 73 | Pipeline Cap... | Capital | 2012 | A2012 | Michael Rutter (...) | Bruce Shulley |
| 5 | 30631419 | 8-070-0PM 3000-01 MP 2.02 TO 3.11 C... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2014 | A2013 | Michael Rutter (...) | Bruce Shulley |
| 6 | 30957586 | 8-004L-010 MP 33.68 - 36.85 Capex... | Pipeline | BASE ILI -Upgrade | 73 | Pipeline Cap... | Capital | 2014 | A2013 | Michael Rutter (...) | Bruce Shulley |
| 7 | 30841074 | 8-003-0PM 0007-01 02 Upgrade Levee... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2013 | A2013 | Michael Rutter (...) | Jane McDermott |
| 8 | 30713007 | 8-070-0PM 0007-01 02 Upgrade Levee... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2012 | A2012 | Michael Rutter (...) | Jane McDermott |
| 9 | 30841076 | 8-070-0PM 0208-01 0209-01 Upgrade... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2013 | A2013 | Michael Rutter (...) | Jane McDermott |
| 10 | 30990731 | 8-003-010 MP 0.01-0.08 CAPEX... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2013 | A2013 | Michael Rutter (...) | Jane McDermott |
| 11 | 30972542 | 8-003-010 MP 0.01-0.08 CAPEX... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2013 | A2013 | Michael Rutter (...) | Jane McDermott |
| 12 | 30911591 | 8-004L-010 MP 00 00 00 12" Rebar... | Pipeline | Base Pipe | 73 | Pipeline Cap... | Capital | 2014 | A2013 | Michael Rutter (...) | Karen Quinn |
| 13 | 30841077 | 8-003-0PM 00 02 FACILITY CAPEX... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2013 | A2013 | Michael Rutter (...) | Jane McDermott |
| 14 | 30936276 | 8-003-0PM 00 02 MP 2.05 - 4.50 PM... | Pipeline | Base Pipe - Small | 73 | Pipeline Cap... | Capital | 2015 | A2013 | Michael Rutter (...) | Bruce Shulley |
| 15 | 30603844 | 0PM 7000-01 00 01 2 PM 0' AHEAD... | Pipeline | Base Pipe | 73 | Pipeline Cap... | Capital | 2015 | A2014 | Michael Rutter (...) | Karen Quinn |
| 16 | 30603687 | 1-010 MP 70 30 00 01 2 PM 0' AHEAD... | Pipeline | Base Pipe | 73 | Pipeline Cap... | Capital | 2015 | A2014 | Michael Rutter (...) | Karen Quinn |
| 15 Projects | | | | | | | | | | | |

15 Projects

Drill
Down



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Project Summary Dashboard

30841074: B-153 Dreg4093 Uprate Wakegas Dfm 500 Cap

Project Summary, Cost & Schedule

Issues / Risks

Project Summary ⓘ

Print

[Project Summary](#)

Project #: 30841074

PSRS #:

BCA: Michael Rether (MRETH)

Project Manager: Michael Rether (MRETH)

Project Engineer: Michael Rether (MRETH)

Project Analyst: Michael Rether (MRETH)

District / Division:

Region:

Category: Transmission - Pipeline

Phase: LAND/PERMITTING

Data Date: 2013-06-01

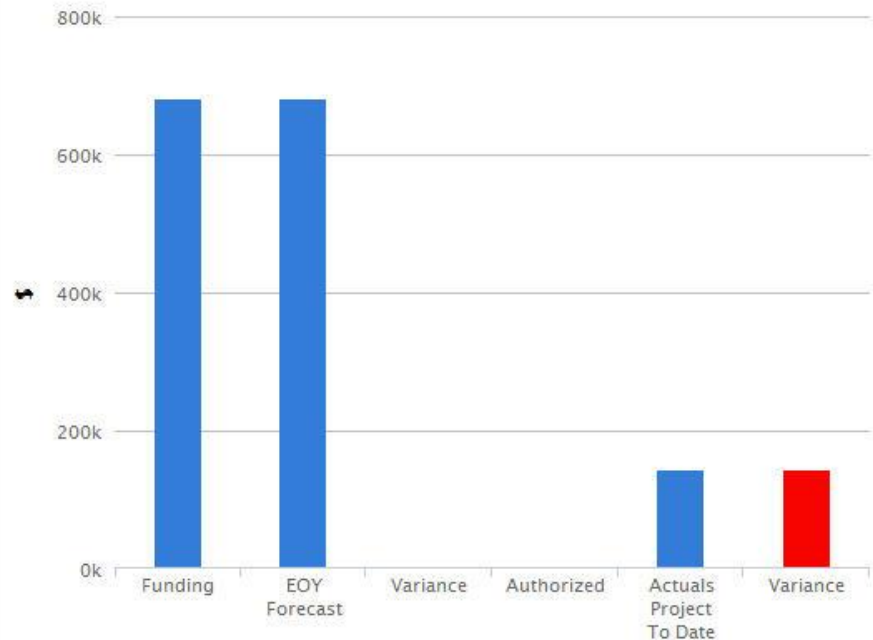
[Status Report](#)

Will need additional funding as construction contract came in higher than anticipated. Need to finalize construction contract so construction can start. Still anticipating an early July start; however dependent on when NTP is issued.

[Status Report Archive](#)

Project Cost / Financial ⓘ

Print



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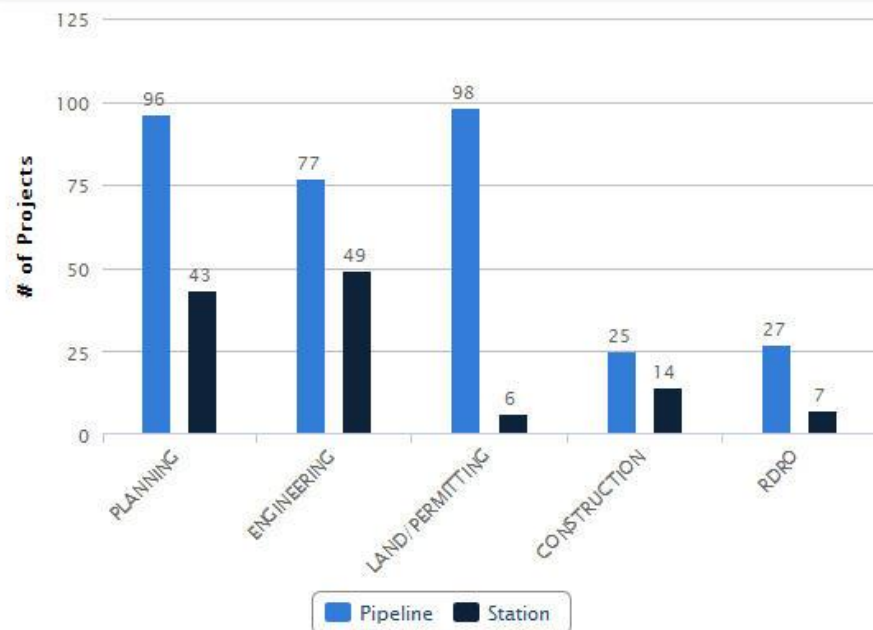
PROJECT MANAGEMENT SOLUTIONS THAT *SIMPLY* WORK.



Program Status Dashboard

Schedule ⓘ

Print



Statistics / Trends ⓘ

Print

Projects Funded:

39

39



same
Compared to
2013-07-01

Projects Over Funded:

168

136



+19.0%
Compared to
2013-07-01

Projects Under Funded:

235

262



-11.5%
Compared to
2013-07-01

Projects Finishing EDRO This Month:

17

20



-17.6%
Compared to
2013-07-01



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PROJECT MANAGEMENT SOLUTIONS THAT *SIMPLY* WORK.



Program Funding Dashboard

2013 Funding vs. Forecasted ⓘ

Print



Total Funding

Total YTD Actuals

% Spent

\$ 494,391,361

\$214,219,252.00

35.7%



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PROJECT MANAGEMENT SOLUTIONS THAT *SIMPLY* WORK.



Demonstration

- LA Metro Public Dashboard

<https://mtadash.mlmprojectservices.com/>

Summary

- Integrated reporting has proven to be much lower cost than full blown “integration”.
- Integrated reporting can be implemented in much less time than full “integration”.
- A wide variety of third party tools easily brings the latest in interactive, drill-down technologies to web based program, portfolio and project reporting.
- This approach also allowed us to provide project reports to a public audience with full audit/approval workflow.
- This approach has allowed our clients that need the flexibility of multiple databases to accomplish the “Enterprise Reporting” of a single database.

UPCOMING EVENTS



The DRM team is participating in and will have a booth at these upcoming events.

QUESTIONS?





Get updates on the latest news,
events and upcoming webinars.
Sign up for our newsletter on our website www.drmcnatty.com