ProjectWise and Project Web

Rimantas Varanavicius
Product manager, ProjectWise Integration Server

Bentley
Sustaining Infrastructure

© 2010 Bentley Systems, Incorporated

Agenda

- Connecting people and information using ProjectWise and SharePoint
  - ProjectWise V8i and SharePoint 2010 platforms overview
  - Engineering Project Team Site scenario
- Other web access scenarios
  - Exchanging deliverables with external parties
  - Providing access to most up to date engineering data for facility maitenance engineers
- Overview of ProjectWise Web and Web View Servers recent releases
- Summary
- Q&A

© 2010 Bentley Systems, Incorporated

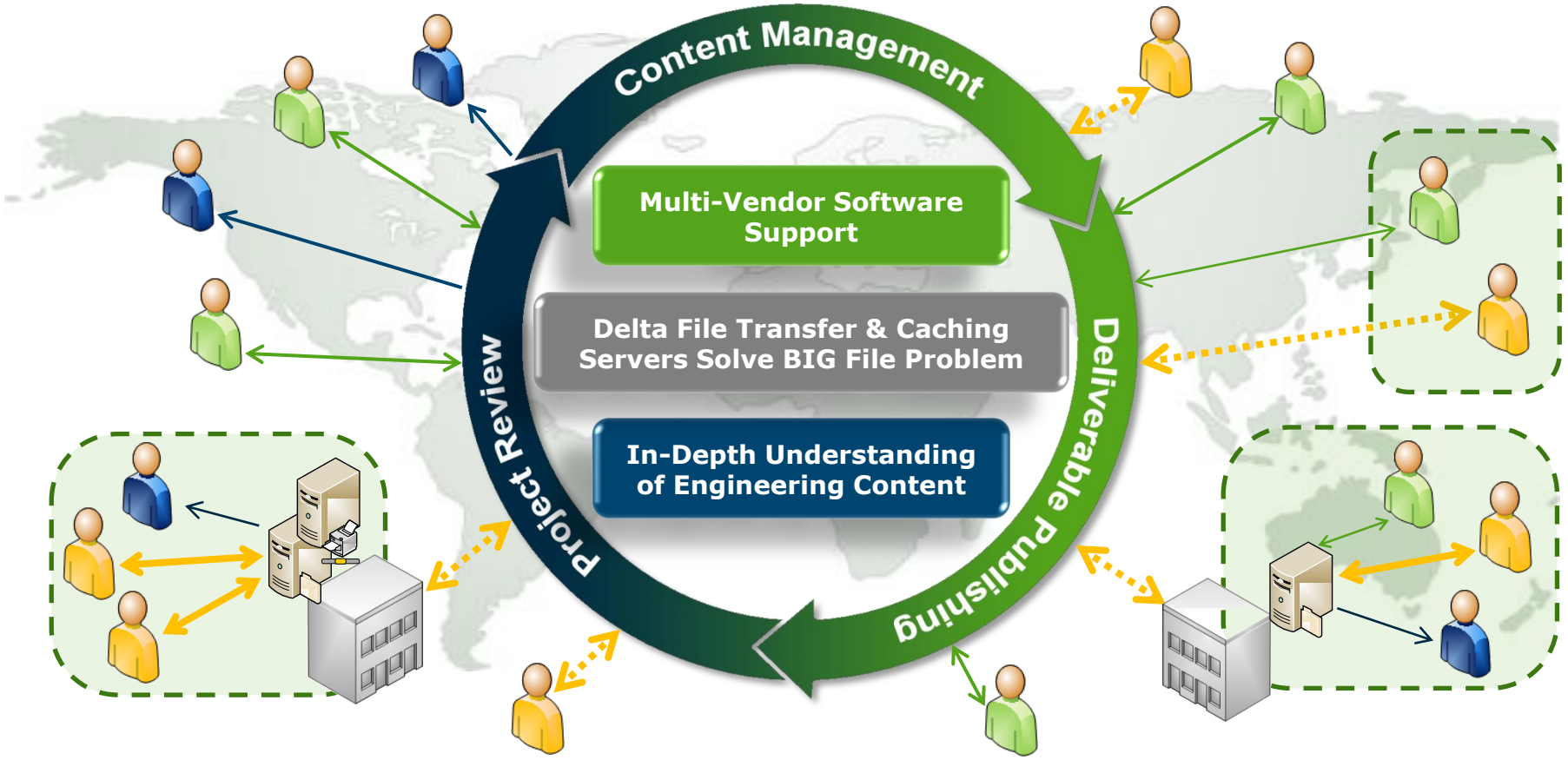
Bentley Sustaining Infrastructure

© 2010 Bentley Systems, Incorporated

Connecting people and information using ProjectWise and SharePoint

Bentley Sustaining Infrastructure

ProjectWise is a Project Team Collaboration Platform for the Design and Construction of Capital Projects



Bentley ProjectWise V8*i*

Engineering Project Collaboration Platform

Microsoft SharePoint 2010

Business Collaboration Platform

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Microsoft SharePoint 2010

The **Business Collaboration Platform** for the Enterprise and the Web

- Connect and Empower People
- Cut Costs with a Unified Infrastructure
- Rapidly Respond to Business Needs

Bentley ProjectWise V8*i*
Engineering Project Collaboration Platform

Microsoft SharePoint 2010
Business Collaboration Platform

© 2010 Bentley Systems, Incorporated

Key features

SharePoint 2010:

- EDMS
- Business Process Management
- Aggregating data from multiple sources
- Federated Search
- Business Intelligence data access
  - KPIs
  - Reports
- Portal solution
  - Social computing (wikis, blogs, personal sites)

ProjectWise V8i :

- CAD application integration
- Reference file management
- CAD standards compliance
- Tools to solve the big file problem for distributed teams
  - Caching servers
  - Delta File Transfer
- Enabling dynamic review workflows
- Automated distribution of project deliverables

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

ProjectWise and SharePoint Together …

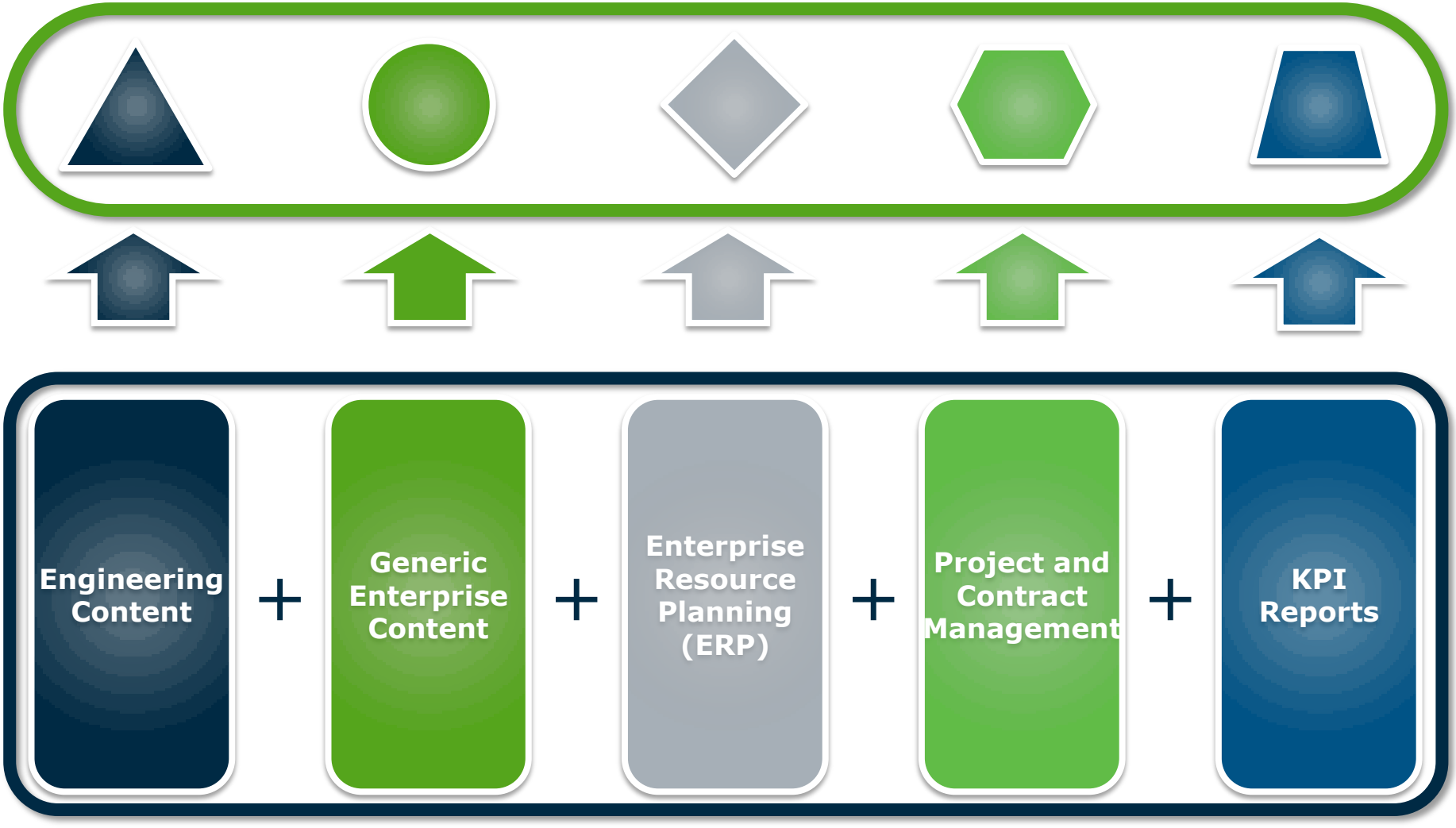
- ProjectWise - Managed environment for AEC professionals to productively Create, Manage, Distribute and Share their work.
- SharePoint – A rich Collaboration and Integration framework.

- ProjectWise + SharePoint =
  access to all critical project information in one place

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

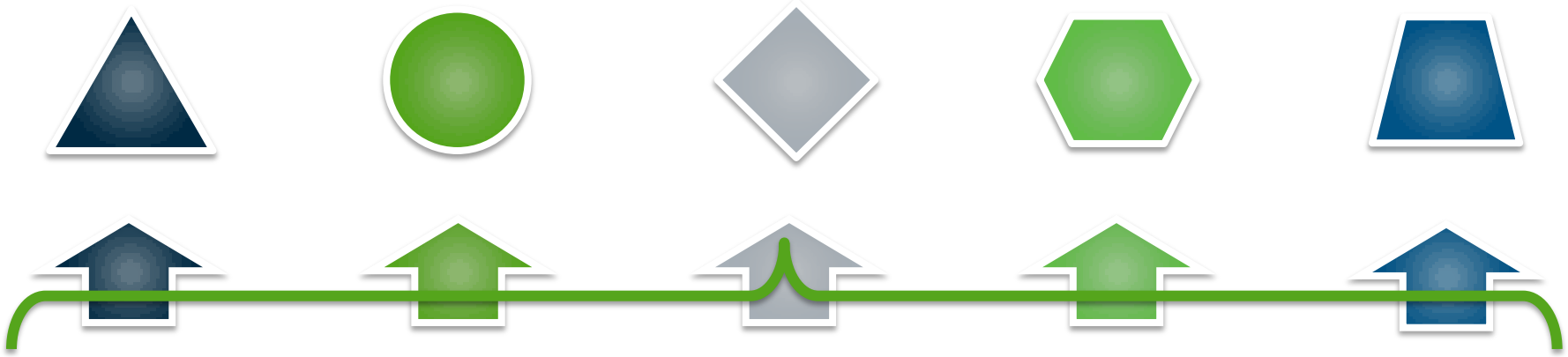
Multiple Information Sources



© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Need to Aggregate Data

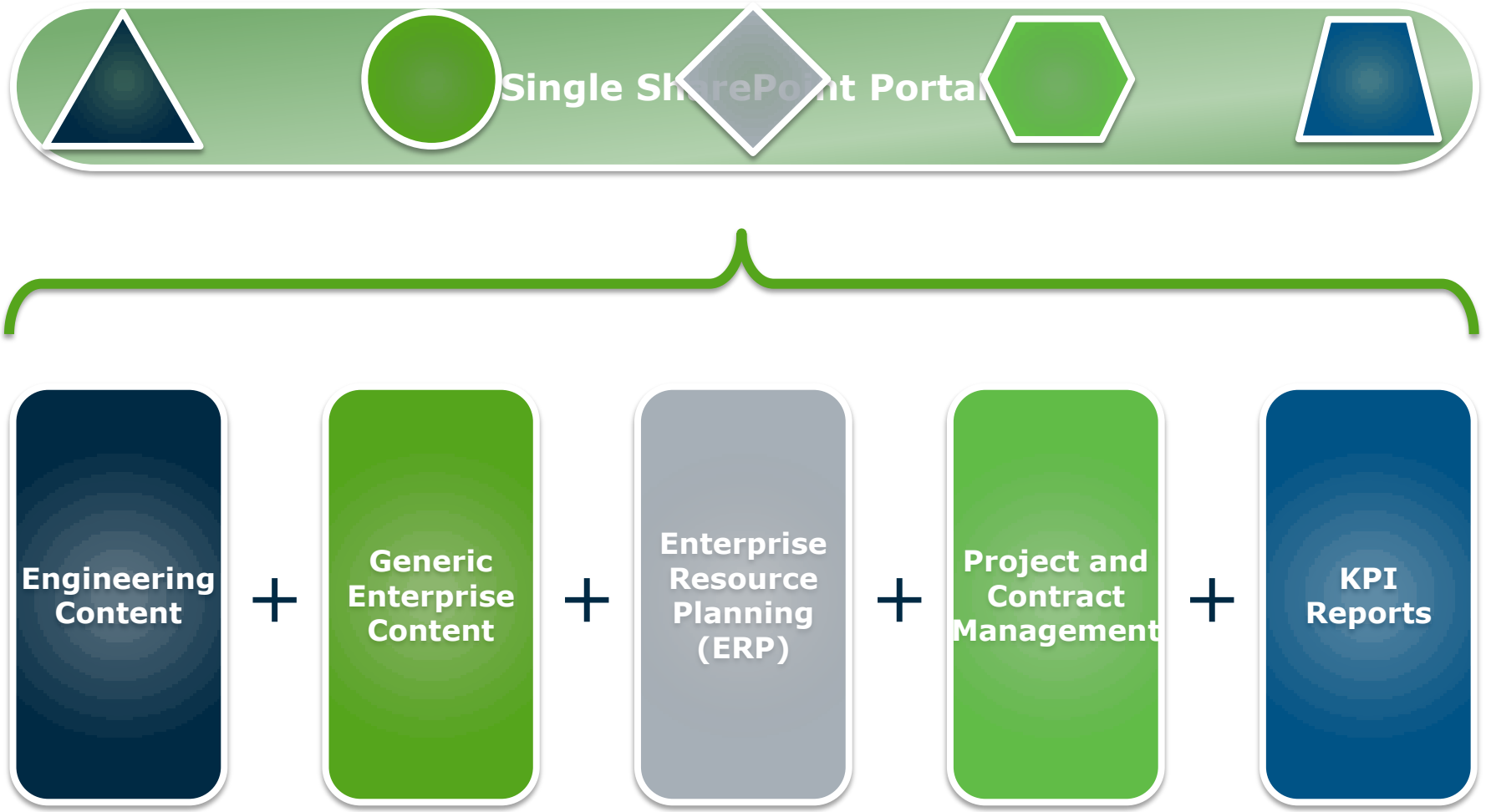


Engineering Content + Generic Enterprise Content + Enterprise Resource Planning (ERP) + Project and Contract Management + KPI Reports

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

...And Federate Access Via Single Portal



© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Tottenham Court Road project - Home - Windows Internet Explorer

http://vilniusvmekxp/pts/SitePages/Home.aspx

Live Search

Favorites | Tottenham Court Road project - Home | CrossRail intranet portal | TCR project team site | Page | Safety | Tools

Site Actions | Browse | Page | VILNIUSVMEKXP\Administrator

Crossrail

Tottenham Court Road project ▸ Home

Project team site

Tags & Notes

Tottenham Court Road project

Search this site

Libraries
Site Pages
Shared Documents

Lists
Calendar
Tasks
Issues list
Project schedule

Discussions
Team Discussion

Architectural, engineering and geospatial data access

Recycle Bin
All Site Content

Announcements

Title	Modified
Next major milestone is May 17th!	5/6/2010 3:54 AM

ProjectWise Managed Content

Project documentation

Folder | Document | Tools | Help

Interface: | View:

pw:\\vilniusvmekxp:BETogether\Documents\C134 - Tottenham Court Road Stati | 1 of 1

Name	State	Description
1 - Reference Data		
2 - Application Data		
A - Architect		
AD - Deliverables	Pending Approval	
C - Civil Engineer		
C2 - Geotechnical Engineering		
C3 - Hydraulic Engineer		
C4 - Tunnelling		

Key Performance Indicators

Project KPIs

Indicator	Status
Renditions	●
Deliverables	▲
Markups	◆

Project schedule

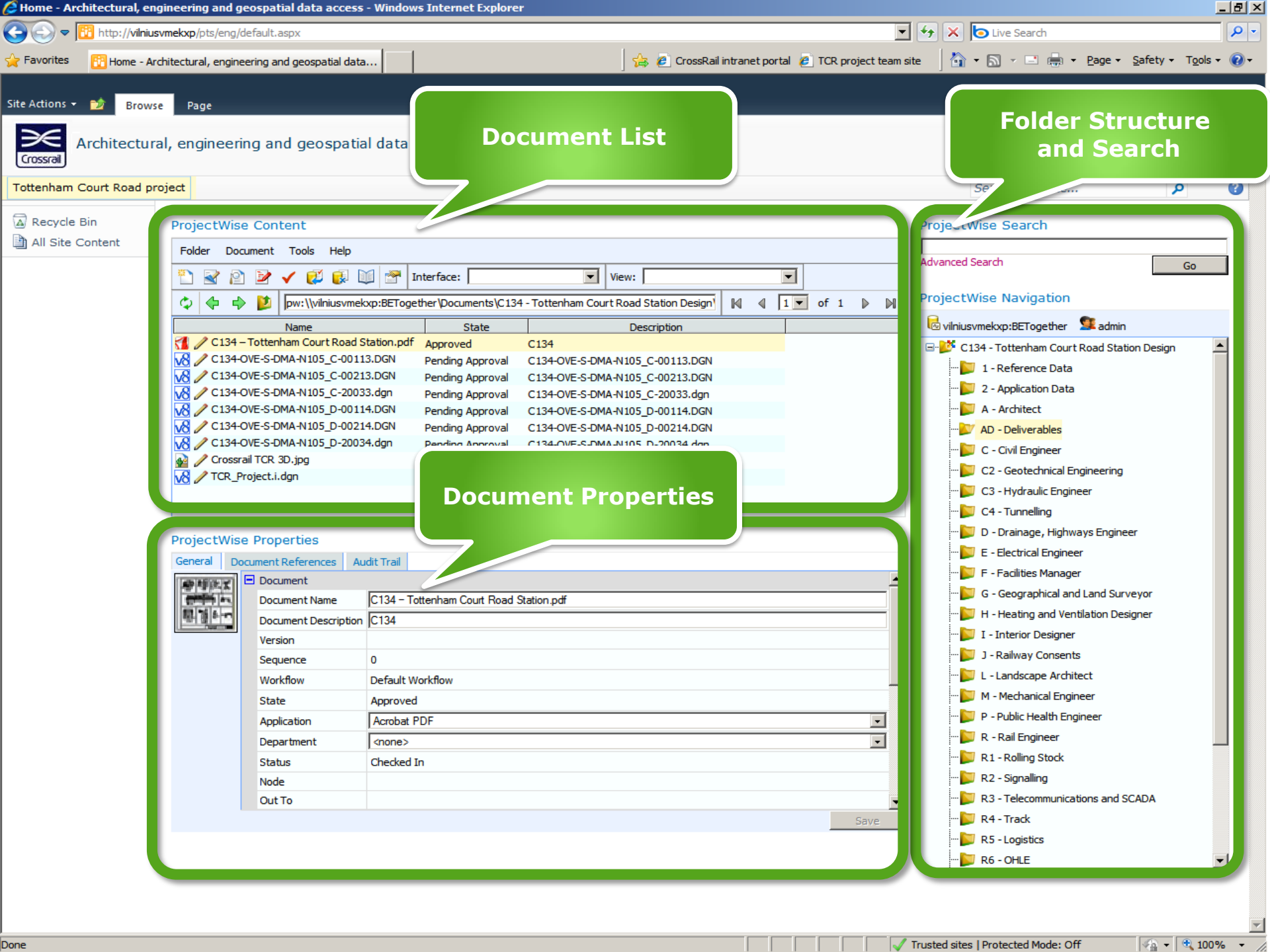
Title
Requirements analysis
Project plan review
Phase 1
Milestone #1
Phase 2
Milestone #2

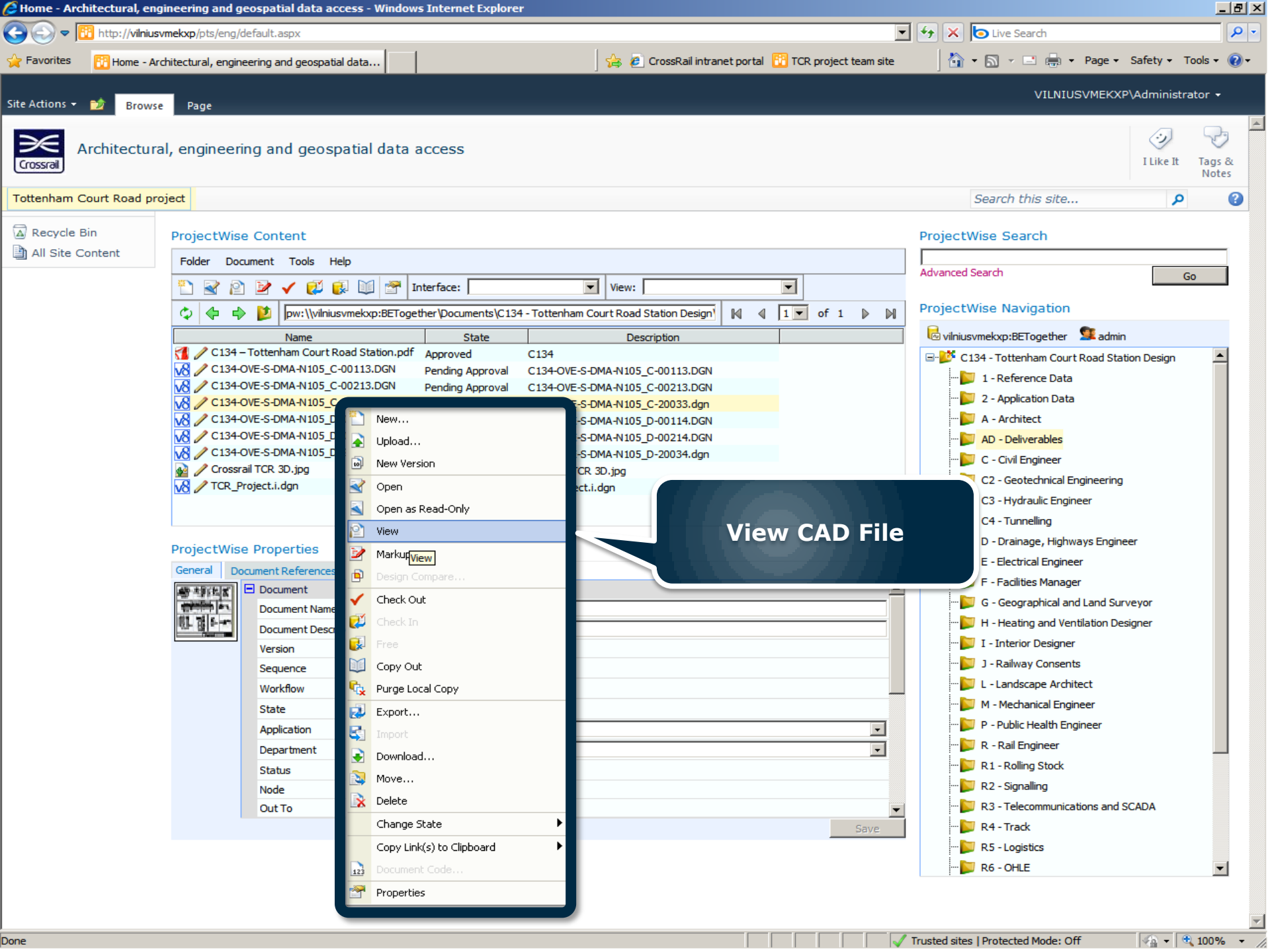
5/2/2010 | 5/9/2010 | 5/16/2010 | 5/23/20

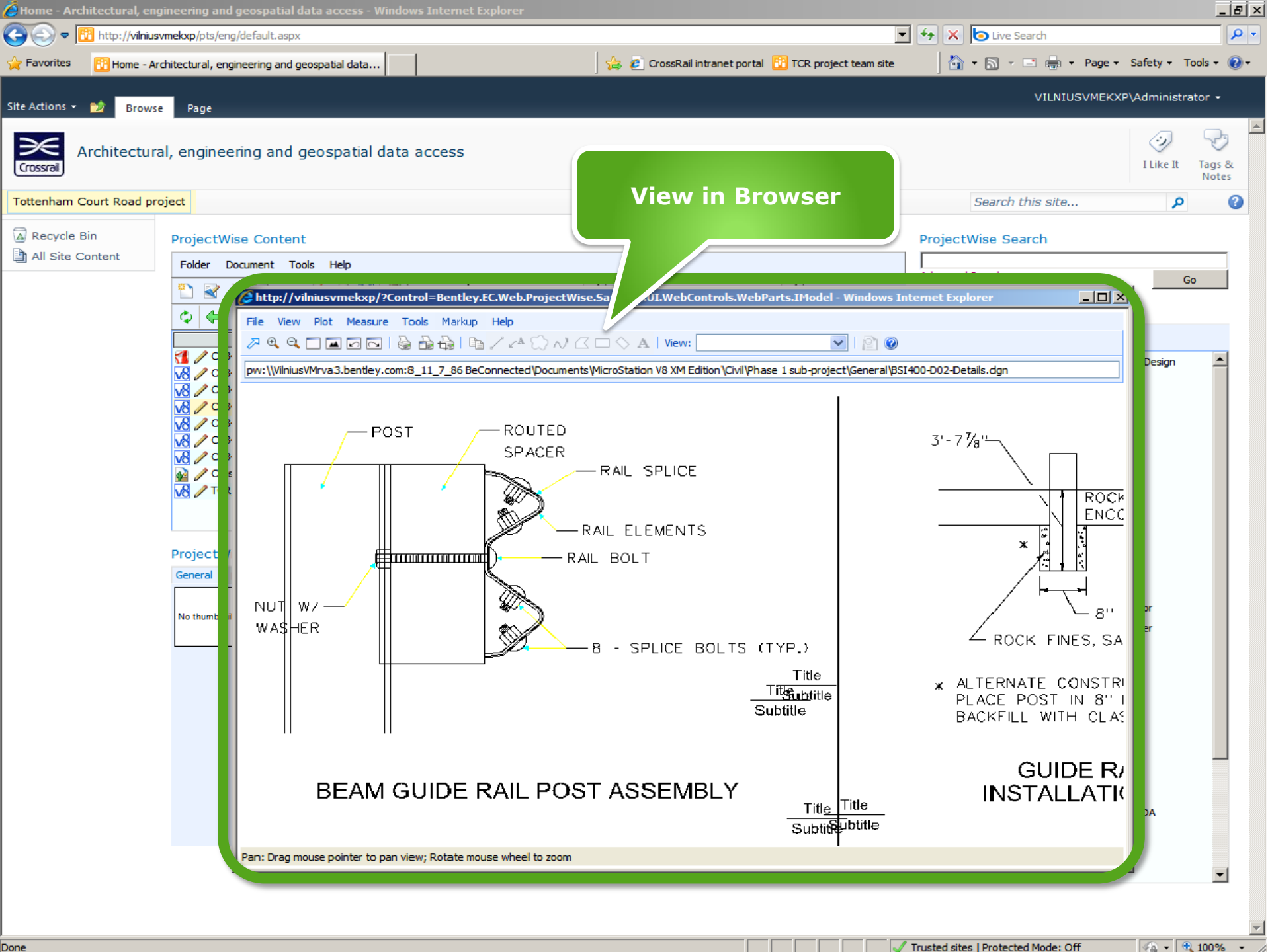
F S S M T W T F S S M T W T F S S M T W T F S S M T

Project Schedule

Done | Trusted sites | Protected Mode: Off | 100%


Home - Architectural, engineering and geospatial data access - Windows Internet Explorer
http://vilniusvmekxp/pts/eng/default.aspx
Live Search
Favorites
Home - Architectural, engineering and geospatial data...
CrossRail intranet portal
TCR project team site
Page
Safety
Tools
Site Actions
Browse
Page
Architectural, engineering and geospatial data
Tottenham Court Road project
Recycle Bin
All Site Content
Document List
Folder Structure and Search
ProjectWise Content
Folder
Document
Tools
Help
Interface:
View:
pw:\\vilniusvmekxp:BETogether\Documents\C134 - Tottenham Court Road Station Design\
1
of 1
Name
State
Description
C134 – Tottenham Court Road Station.pdf
Approved
C134
C134-OVE-S-DMA-N105_C-00113.DGN
Pending Approval
C134-OVE-S-DMA-N105_C-00113.DGN
C134-OVE-S-DMA-N105_C-00213.DGN
Pending Approval
C134-OVE-S-DMA-N105_C-00213.DGN
C134-OVE-S-DMA-N105_C-20033.dgn
Pending Approval
C134-OVE-S-DMA-N105_C-20033.dgn
C134-OVE-S-DMA-N105_D-00114.DGN
Pending Approval
C134-OVE-S-DMA-N105_D-00114.DGN
C134-OVE-S-DMA-N105_D-00214.DGN
Pending Approval
C134-OVE-S-DMA-N105_D-00214.DGN
C134-OVE-S-DMA-N105_D-20034.dgn
Crossrail TCR 3D.jpg
TCR_Project.i.dgn
Document Properties
ProjectWise Properties
General
Document References
Audit Trail
Document
Document Name
C134 – Tottenham Court Road Station.pdf
Document Description
C134
Version
Sequence
0
Workflow
Default Workflow
State
Approved
Application
Acrobat PDF
Department
<none>
Status
Checked In
Node
Out To
Save
ProjectWise Search
Advanced Search
Go
ProjectWise Navigation
vilniusvmekxp:BETogether
admin
C134 - Tottenham Court Road Station Design
1 - Reference Data
2 - Application Data
A - Architect
AD - Deliverables
C - Civil Engineer
C2 - Geotechnical Engineering
C3 - Hydraulic Engineer
C4 - Tunnelling
D - Drainage, Highways Engineer
E - Electrical Engineer
F - Facilities Manager
G - Geographical and Land Surveyor
H - Heating and Ventilation Designer
I - Interior Designer
J - Railway Consents
L - Landscape Architect
M - Mechanical Engineer
P - Public Health Engineer
R - Rail Engineer
R1 - Rolling Stock
R2 - Signalling
R3 - Telecommunications and SCADA
R4 - Track
R5 - Logistics
R6 - OHLE
Done
Trusted sites | Protected Mode: Off
100%


Home - Architectural, engineering and geospatial data access - Windows Internet Explorer
http://vilniusvmekxp/pts/eng/default.aspx
Live Search
Favorites
Home - Architectural, engineering and geospatial data...
CrossRail intranet portal
TCR project team site
Page
Safety
Tools
Site Actions
Browse
Page
VILNIUSVMEKXP\Administrator
Architectural, engineering and geospatial data access
I Like It
Tags & Notes
Tottenham Court Road project
Search this site...
Recycle Bin
All Site Content
ProjectWise Content
Folder
Document
Tools
Help
Interface:
View:
pw:\\vilniusvmekxp:BETogether\Documents\C134 - Tottenham Court Road Station Design
Name
State
Description
C134 – Tottenham Court Road Station.pdf
Approved
C134
C134-OVE-S-DMA-N105_C-00113.DGN
Pending Approval
C134-OVE-S-DMA-N105_C-00113.DGN
C134-OVE-S-DMA-N105_C-00213.DGN
Pending Approval
C134-OVE-S-DMA-N105_C-00213.DGN
Crossrail TCR 3D.jpg
TCR_Project.i.dgn
ProjectWise Properties
General
Document References
Document
Document Name
Document Desc
Version
Sequence
Workflow
State
Application
Department
Status
Node
Out To
Save
New...
Upload...
New Version
Open
Open as Read-Only
View
Markup
View
Design Compare...
Check Out
Check In
Free
Copy Out
Purge Local Copy
Export...
Import
Download...
Move...
Delete
Change State
Copy Link(s) to Clipboard
Document Code...
Properties
View CAD File
ProjectWise Search
Advanced Search
Go
ProjectWise Navigation
vilniusvmekxp:BETogether
admin
C134 - Tottenham Court Road Station Design
1 - Reference Data
2 - Application Data
A - Architect
AD - Deliverables
C - Civil Engineer
C2 - Geotechnical Engineering
C3 - Hydraulic Engineer
C4 - Tunnelling
D - Drainage, Highways Engineer
E - Electrical Engineer
F - Facilities Manager
G - Geographical and Land Surveyor
H - Heating and Ventilation Designer
I - Interior Designer
J - Railway Consents
L - Landscape Architect
M - Mechanical Engineer
P - Public Health Engineer
R - Rail Engineer
R1 - Rolling Stock
R2 - Signalling
R3 - Telecommunications and SCADA
R4 - Track
R5 - Logistics
R6 - OHLE
Done
Trusted sites | Protected Mode: Off
100%

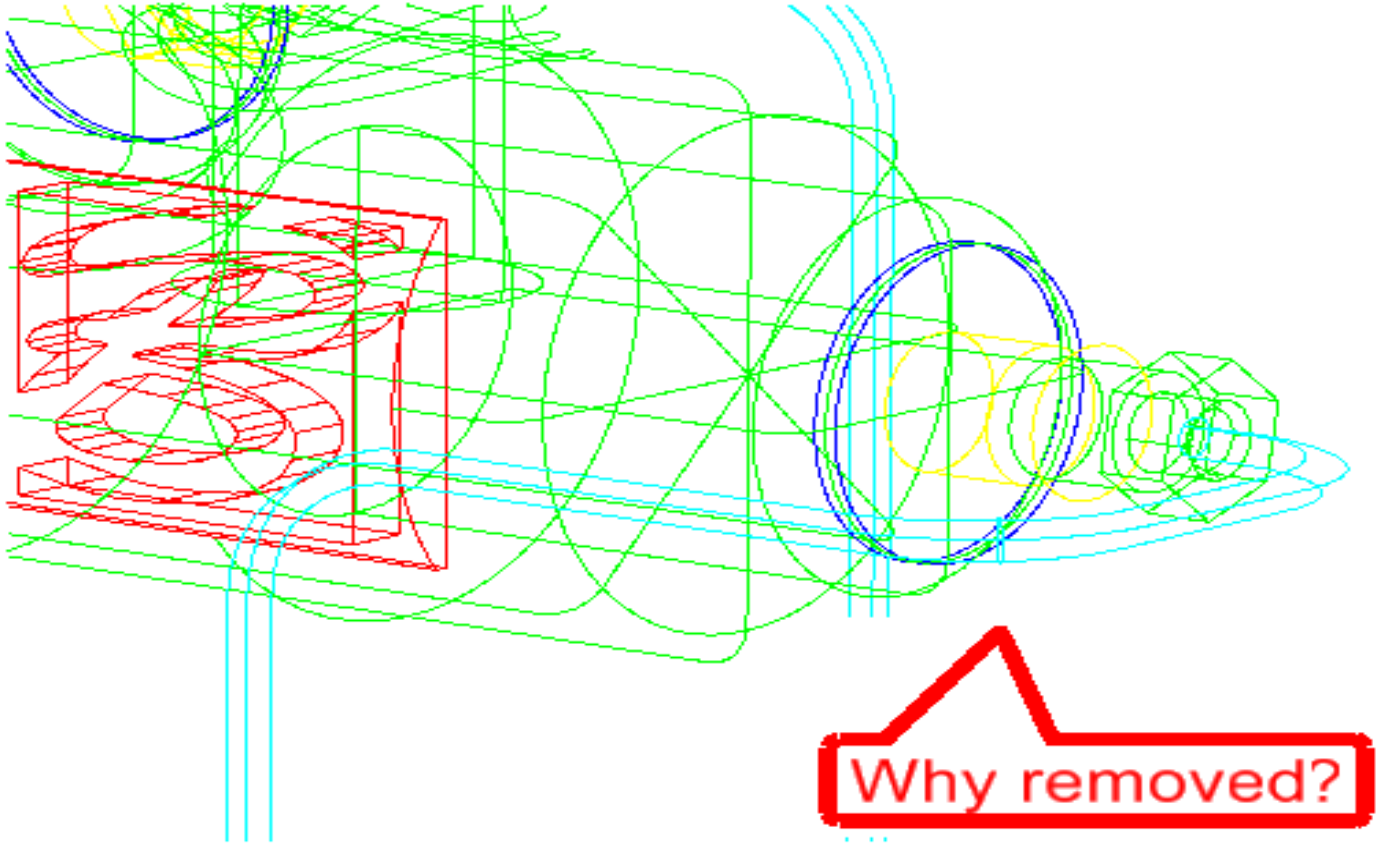

View in Browser
Home - Architectural, engineering and geospatial data access - Windows Internet Explorer
http://vilniusvmekxp/pts/eng/default.aspx
Live Search
Favorites
Home - Architectural, engineering and geospatial data...
CrossRail intranet portal
TCR project team site
Page
Safety
Tools
Site Actions
Browse
Page
VILNIUSVMEKXP\Administrator
Architectural, engineering and geospatial data access
I Like It
Tags & Notes
Tottenham Court Road project
Search this site...
Recycle Bin
All Site Content
ProjectWise Content
Folder
Document
Tools
Help
ProjectWise Search
Go
http://vilniusvmekxp/?Control=Bentley.EC.Web.ProjectWise.Sa
UI.WebControls.WebParts.IModel - Windows Internet Explorer
File
View
Plot
Measure
Tools
Markup
Help
View:
pw:\\VilniusVMrva3.bentley.com:8_11_7_86 BeConnected\Documents\MicroStation V8 XM Edition\Civil\Phase 1 sub-project\General\BSI400-D02-Details.dgn
POST
ROUTED SPACER
RAIL SPLICE
RAIL ELEMENTS
RAIL BOLT
NUT W/ WASHER
8 - SPLICE BOLTS (TYP.)
Title
Subtitle
BEAM GUIDE RAIL POST ASSEMBLY
3'-7 7/8"
8"
ROCK FINES, SA
ALTERNATE CONSTR
PLACE POST IN 8"
BACKFILL WITH CLA
GUIDE R
INSTALLATI
Pan: Drag mouse pointer to pan view; Rotate mouse wheel to zoom
Done
Trusted sites | Protected Mode: Off
100%

ProjectWise Publishing and Markup - Microsoft Internet Explorer provided by Bentley Systems

File View Plot Measure Tools Markup Help

View:

pw:\\VilniusVMrva3.bentley.com:8_11_7_86 BeConnected\Documents\MicroStation V8 XM Edition\Civil\Phase 1 sub-project\General\BSI400



Pan: Drag mouse pointer to pan view; Rotate mouse wheel to zoom

Tottenham Court Road project - Home - Windows Internet Explorer

http://vilniusvmekxp/pts/SitePages/Home.aspx

Live Search

Favorites | Tottenham Court Road project - Home | CrossRail intranet portal | TCR project team site | Page | Safety | Tools

Site Actions | Browse | Page

Tottenham Court Road project ▸ Home

Project team site

Tags & Notes

Search this site...

Tottenham Court Road project

Libraries
- Site Pages
- Shared Documents

Lists
- Calendar
- Tasks
- Issues list
- Project schedule

Discussions
- Team Discussion

Architectural, engineering and geospatial data access

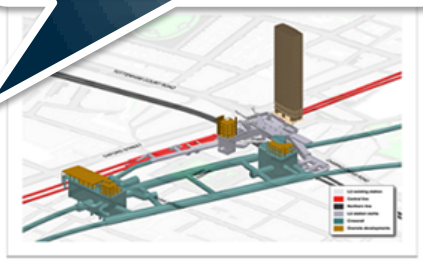
Recycle Bin

All Site Content

Announcements

Title	Modified
Next major milestone is May 17th!	5/6/2010 3:54 AM

ProjectWise Managed Content



Project documentation

Folder | Document | Tools | Help

Interface: | View:

pw:\\vilniusvmekxp:BETogether\Documents\C134 - Tottenham Court Road Stati | 1 of 1

Name	State	Description
1 - Reference Data		
2 - Application Data		
A - Architect		
AD - Deliverables	Pending Approval	
C - Civil Engineer		
C2 - Geotechnical Engineering		
C3 - Hydraulic Engineer		
C4 - Tunnelling		

Project KPIs

Indicator	Status
Renditions	●
Deliverables	▲
Markups	◆

Project schedule

Title	5/2/2010	5/9/2010	5/16/2010	5/23/20
Requirements analysis				
Project plan review				
Phase 1				
Milestone #1				
Phase 2				
Milestone #2				

Project Schedule

Done | Trusted sites | Protected Mode: Off | 100%

Project schedule - Project Tasks - Windows Internet Explorer

http://vilniusvmekxp/pts/Lists/Project%20schedulle/gantt.aspx

Live Search

Favorites | Project schedule - Project Tasks | CrossRail intranet portal | TCR project team site | Page | Safety | Tools

Site Actions | Browse | List Tools: Items, List | VILNIUSVMEKXP\Administrator

Tottenham Court Road project ▸ Project schedule ▸ Project Tasks

I Like It | Tags & Notes

Tottenham Court Road project

Search this site...

Libraries
- Site Pages
- Shared Documents

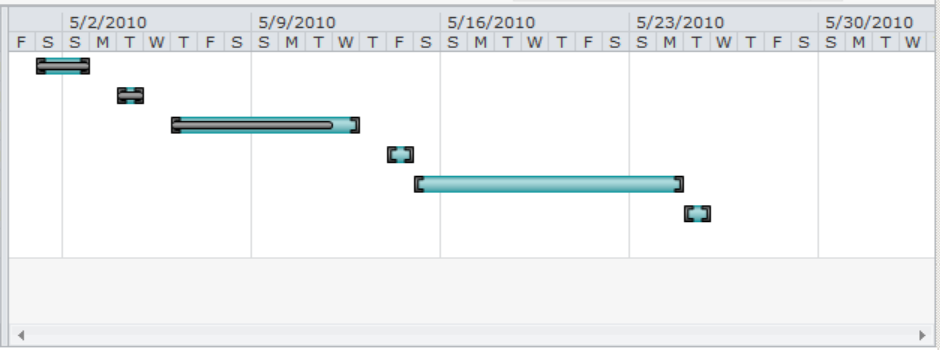
Lists
- Calendar
- Tasks
- Issues list
- Project schedule

Discussions
- Team Discussion

Architectural, engineering and geospatial data access

Recycle Bin
All Site Content

Title	Start Date	Due Date	% Complete
Requirements ar	5/1/2010	5/3/2010	100 %
Project plan revi	5/4/2010	5/5/2010	85 %
Phase 1	5/6/2010	5/13/2010	90 %
Milestone #1	5/14/2010	5/15/2010	25 %
Phase 2	5/15/2010	5/25/2010	
Milestone #2	5/25/2010	5/26/2010	



Title	Start Date	Due Date	% Complete	Task Status	Priority	Predecessors	Assigned To
Requirements analysis	5/1/2010	5/3/2010	100 %	Not Started	(2) Normal		
Project plan review	5/4/2010	5/5/2010	85 %	Not Started	(2) Normal		
Phase 1	5/6/2010	5/13/2010	90 %	Not Started	(2) Normal		
Milestone #1	5/14/2010	5/15/2010	25 %	Not Started	(2) Normal		
Phase 2	5/15/2010	5/25/2010		Not Started	(2) Normal		
Milestone #2	5/25/2010	5/26/2010		Not Started	(2) Normal		

Add new item

Trusted sites | Protected Mode: Off | 100%

Tottenham Court Road project - Home - Windows Internet Explorer

http://vilniusvmekxp/pts/SitePages/Home.aspx

Favorites | Tottenham Court Road project - Home | CrossRail intranet portal | TCR project team site | Page | Safety | Tools

Site Actions | Browse | Page | VILNIUSVMEKXP\Administrator

Tottenham Court Road project ▸ Home

Project team site

I Like It | Tags & Notes

Tottenham Court Road project

Search this site...

Libraries
- Site Pages
- Shared Documents

Lists
- Calendar
- Tasks
- Issues list
- Project schedule

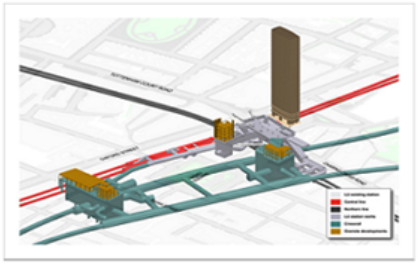
Discussions
- Team Discussion

Architectural, engineering and geospatial data access

Recycle Bin
All Site Content

Announcements

Title	Modified
Next major milestone is May 17th!	5/6/2010 3:54 AM



Project documentation

Folder | Document | Tools | Help

Interface: | View:

pw:\\vilniusvmekxp:BETogether\Documents\C134 - Tottenham Court Road Stati | 1 of 1

Name	State	Description
1 - Reference Data		
2 - Application Data		
A - Architect		
AD - Deliverables	Pending Approval	
C - Civil Engineer		
C2 - Geotechnical Engineering		
C3 - Hydraulic Engineer		
C4 - Tunnelling		

Project schedule

Title
Requirements analysis
Project plan review
Phase 1
Milestone #1
Phase 2
Milestone #2

5/2/2010 | 5/9/2010 | 5/16/2010 | 5/23/20

F S S M T W T F S S M T W T F S S M T W T F S S M T

Project Dashboards

Project KPIs

Indicator	Status
Renditions	●
Deliverables	▲
Markups	◆

Project task status

Data & Appearance | Advanced Properties

Done | Trusted sites | Protected Mode: Off | 100%

Tottenham Court Road project ▸ Tasks ▸ All Tasks

Use the Tasks list to keep track of work that you or your team needs to complete.

I Like It | Tags & Notes

Libraries
Site Pages
Shared Documents

Lists
Calendar
Tasks
Issues list
Project schedule

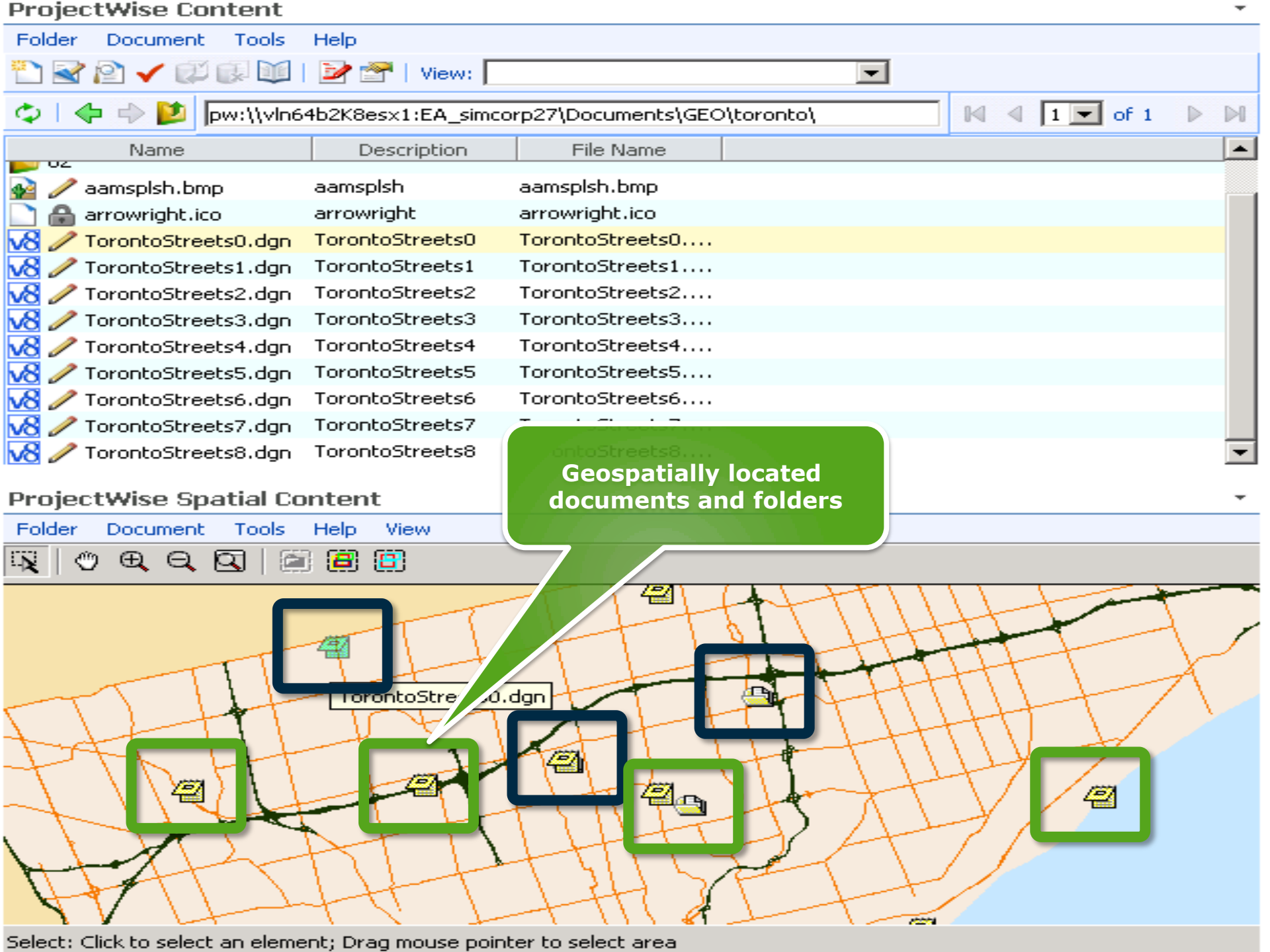
Discussions
Team Discussion

Architectural, engineering and geospatial data access

Recycle Bin
All Site Content

Type	Title	Assigned To	Status	Priority	Due Date	% Complete	Predecessors
	Request for additional info	VILNIUSVMEKXP\Administrator	In Progress	(2) Normal	5/10/2010	30 %	
	Respond to change request		Completed	(2) Normal	5/5/2010	100 %	
	Package and get approved Milestone #1 deliverables	VILNIUSVMEKXP\Administrator	Waiting on someone else	(2) Normal	5/16/2010		
	Prepare estimates for Phase 1 NEW		In Progress	(2) Normal		85 %	
	Review, discuss and approve estimates for Phase1 NEW		Not Started	(2) Normal	5/17/2010		Prepare estimates for Phase 1
	Check RFI status NEW		Not Started	(2) Normal	5/21/2010		Request for additional info
	Review project progress with Subs NEW		In Progress	(2) Normal	5/19/2010	65 %	
	Update team site announcements NEW		Completed	(2) Normal	5/10/2010	100 %	

Add new item


ProjectWise Content
Folder Document Tools Help
View:
pw:\\vln64b2K8esx1:EA_simcorp27\Documents\GEO\toronto\
1 of 1
Name Description File Name
aamsplsh.bmp aamsplsh aamsplsh.bmp
arrowright.ico arrowright arrowright.ico
TorontoStreets0.dgn TorontoStreets0 TorontoStreets0....
TorontoStreets1.dgn TorontoStreets1 TorontoStreets1....
TorontoStreets2.dgn TorontoStreets2 TorontoStreets2....
TorontoStreets3.dgn TorontoStreets3 TorontoStreets3....
TorontoStreets4.dgn TorontoStreets4 TorontoStreets4....
TorontoStreets5.dgn TorontoStreets5 TorontoStreets5....
TorontoStreets6.dgn TorontoStreets6 TorontoStreets6....
TorontoStreets7.dgn TorontoStreets7
TorontoStreets8.dgn TorontoStreets8
Geospatially located documents and folders
ProjectWise Spatial Content
Folder Document Tools Help View
Select: Click to select an element; Drag mouse pointer to select area

ProjectWise and SharePoint Together …

- ProjectWise:
  - Reference file management
  - CAD standards assurance
  - Title block synchronization
  - File storage distribution and access optimization (DFT)
  - Integration with vertical CAD applications
- SharePoint :
  - Tasks and workflows automation
  - Business Intelligence
  - Federation of content from multiple sources
  - Portal solutions
- ProjectWise and SharePoint facilitate an integrated approach to collaboration on infrastructure projects

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

© 2010 Bentley Systems, Incorporated

Exchanging deliverables with external parties

Bentley Sustaining Infrastructure

Home Page - Microsoft Internet Explorer provided by Bentley Systems

http://vilniusvmrva3.bentley.com:8080/Default.aspx

Home Page

ProjectWise Web Server

Bentley

Logout

Advanced Search

Go

VilniusVMrva3.bentley.com:8_11_ admin
BeConnected

Folder Document Tools Help

View:

pw:\\VilniusVMrva3.bentley.com:8_11_7_86 BeConnected\Documents\MicroStation V8 XM Edition\Building\Deliverables\200

1 of 1

- Documents
  - dmsSystem
  - MicroStation J
  - MicroStation V8
  - MicroStation V8 XM Edition
    - Building
      - cell
      - data
      - Deliverables
        - 2009 09 15 Deliverables
        - 2009 10 01 Deliverables
      - Dgn
      - Dgnlib
      - Dwg
      - out
      - Seed
      - Saved Searches
    - Civil
    - General
    - Geospatial
    - Plant
- Components
- Saved Searches

Name	Description	File Name
BSI300AE9-Core.dgn	BSI300AE9-Core.dgn	BSI300AE9-Core.dgn
BSI300AE9-Shell.dgn	BSI300AE9-Shell.dgn	BSI300AE9-Shell.dgn
BSI300C-9-Site.dgn	BSI300C-9-Site.dgn	BSI300C-9-Site.dgn
BSI300GI001-Cover.dgn	BSI300GI001-Cover.dgn	BSI300GI001-Cover.dgn
BSI300GI9-3DMaster.dgn	BSI300GI9-3DMaster.dgn	BSI300GI9-3DMaster.dgn
BSI300I-9-Interior.dgn	BSI300I-9-Interior.dgn	BSI300I-9-Interior.dgn
BSI300S-9-Atrium.dgn	BSI300S-9-Atrium.dgn	BSI300S-9-Atrium.dgn
BSI300S-9-Structural.dgn	BSI300S-9-Structural.dgn	BSI300S-9-Structural.dgn
BSI300X-9-Sign.dgn	BSI300X-9-Sign.dgn	BSI300X-9-Sign.dgn

Select Files to Upload

Look in: Renditions

My Recent Documents
Desktop
My Documents
My Computer
My Network Places

BDP_Proposal.pdf
Building.pdf
castle-3DPDF.pdf
Civildemo.pdf
flyover_dtm.pdf
LMH_1.pdf
pump_station_3.pdf
shuttle.pdf

File name: "BDP_Proposal.pdf" "Building.pdf" "castle-3D

Files of type:

Open
Cancel

Copyright © 2009 Bentley Systems, Incorporated

Done

Local intranet

100%

Providing access to engineering data for facility maitenance engineers

© 2010 Bentley Systems, Incorporated

Requirements

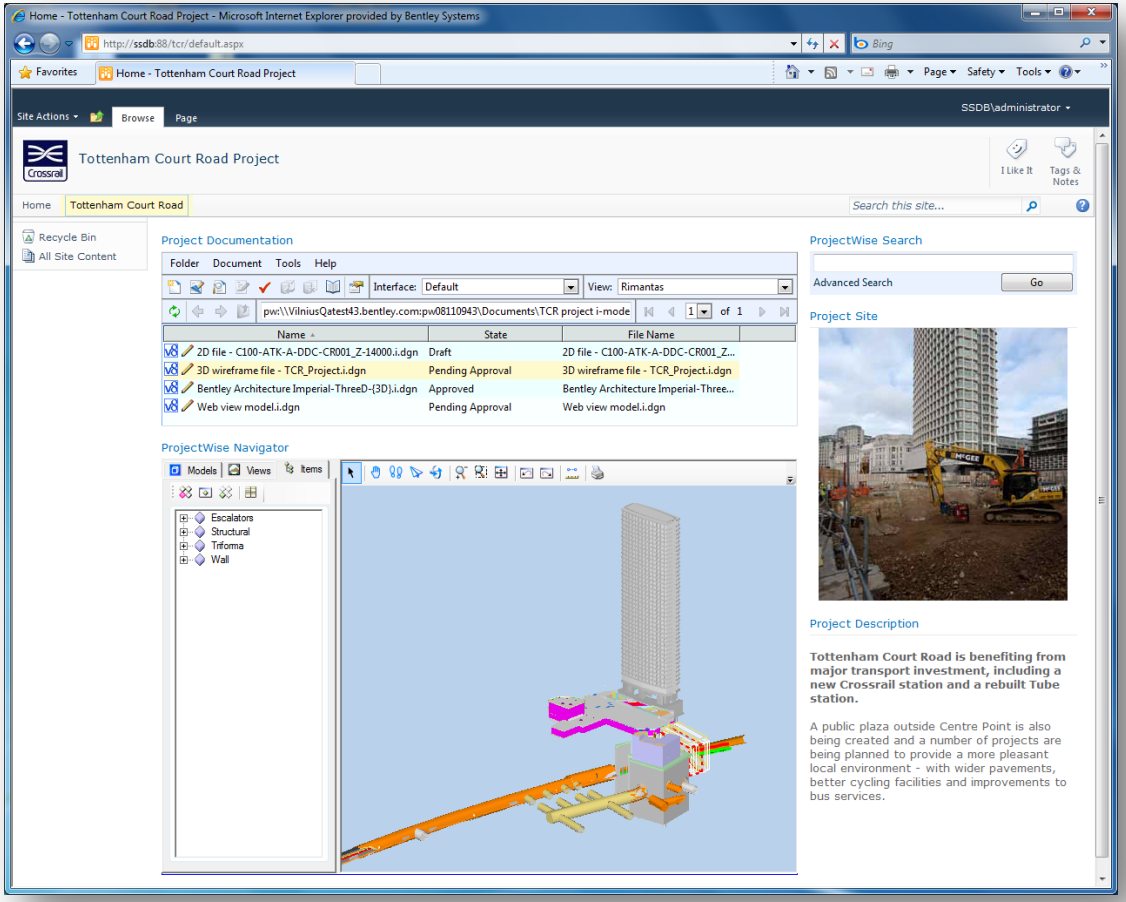
- Access to most up to date engineering data
- Quickly find and retrieve needed data
- Navigate and search for data spatially using facility map
- Viewing CAD data using web browser only
- Ability to view business data for the component items
- 3D model navigation and simple analysis tools

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

ProjectWise Navigator Web Part

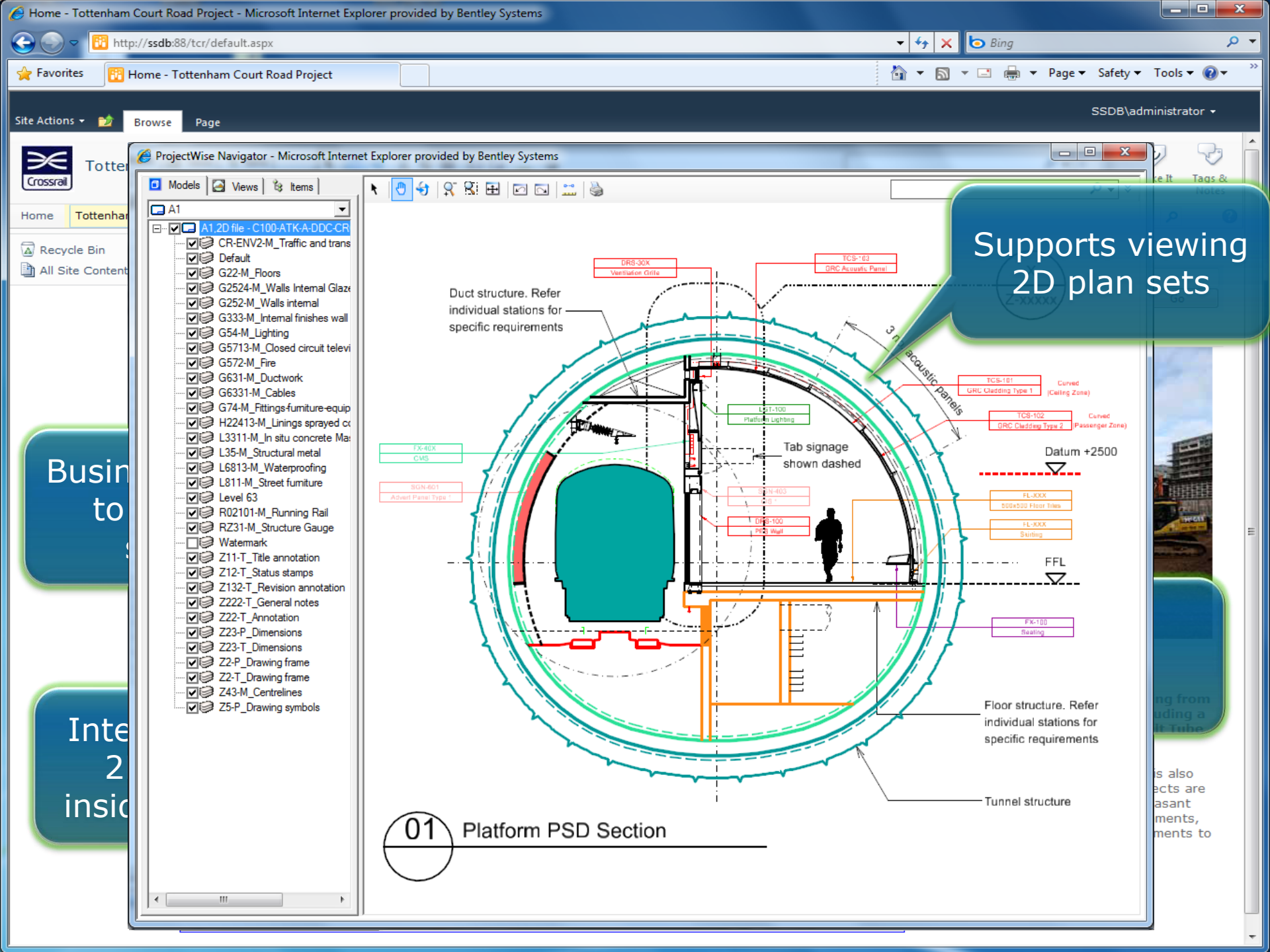
- Interactive 3D model visualization
- 2D plan set review
- Simple analysis capabilities: content search, dimension measuring, business data review
- Part of ProjectWise Web and Web View Servers



i-model™ Microsoft® SharePoint® 2010

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure


Home - Tottenham Court Road Project - Microsoft Internet Explorer provided by Bentley Systems
http://ssdb:88/tcr/default.aspx
Favorites
Home - Tottenham Court Road Project
Site Actions
Browse
Page
SSDB\administrator
ProjectWise Navigator - Microsoft Internet Explorer provided by Bentley Systems
Models
Views
Items
A1
A1,2D file - C100-ATK-A-DDC-CR
CR-ENV2-M_Traffic and trans
Default
G22-M_Floors
G2524-M_Walls Internal Glaze
G252-M_Walls internal
G333-M_Internal finishes wall
G54-M_Lighting
G5713-M_Closed circuit televi
G572-M_Fire
G631-M_Ductwork
G6331-M_Cables
G74-M_Fittings-furniture-equip
H22413-M_Linings sprayed c
L3311-M_In situ concrete Ma
L35-M_Structural metal
L6813-M_Waterproofing
L811-M_Street furniture
Level 63
R02101-M_Running Rail
RZ31-M_Structure Gauge
Watermark
Z11-T_Title annotation
Z12-T_Status stamps
Z132-T_Revision annotation
Z222-T_General notes
Z22-T_Annotation
Z23-P_Dimensions
Z23-T_Dimensions
Z2-P_Drawing frame
Z2-T_Drawing frame
Z43-M_Centrelines
Z5-P_Drawing symbols
Supports viewing 2D plan sets
Duct structure. Refer individual stations for specific requirements
Tab signage shown dashed
acoustic panels
Datum +2500
FFL
Floor structure. Refer individual stations for specific requirements
Tunnel structure
01 Platform PSD Section

Demo

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Home - Tottenham Court Road Project - Microsoft Internet Explorer provided by Bentley Systems

http://ssdb:88/tcr/default.aspx

Favorites | Home - Tottenham Court Road Project | Page | Safety | Tools

Site Actions | Browse | Page | SSDB\administrator

Tottenham Court Road Project

I Like It | Tags & Notes

Home | Tottenham Court Road | Search this site...

Recycle Bin
All Site Content

Project Documentation

Folder | Document | Tools | Help

Interface: Default | View:

pw:\\vln2k3esx1.bentley.com:pw08110953\Documents\TCR\ | 1 of 1

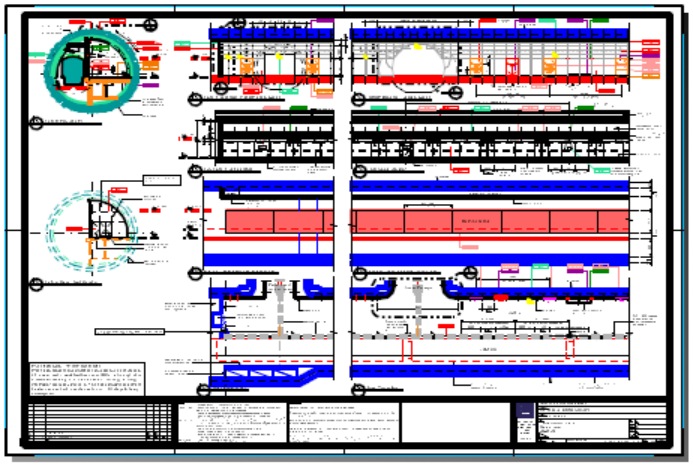
Name	Description	File Name
2D file - C100-ATK-A-DDC-CR001_Z-14000.i.dgn	2D file - C100-AT...	2D file - C100-AT...
3D wireframe file - TCR_Project.i.dgn	3D wireframe file...	3D wireframe file...
Bentley Architecture Imperial-ThreeD-{3D}.i.dgn	Bentley Architect...	Bentley Architect...
CSEPDI 001_660kVQDStation.i.dgn	CSEPDI 001_660k...	CSEPDI 001_660k...

ProjectWise Navigator

Models | Views | Items

A1

- A1,2D file - C100-ATK-A-DDC-
- CR-ENV2-M_Traffic and tr
- Default
- G22-M_Floors
- G2524-M_Walls Internal G
- G252-M_Walls internal
- G333-M_Internal finishes v
- G54-M_Lighting
- G5713-M_Closed circuit te
- G572-M_Fire
- G631-M_Ductwork
- G6331-M_Cables
- G74-M_Fittings-furniture-ec
- H22413-M_Linings spraye
- L3311-M_In situ concrete
- L35-M_Structural metal
- L6813-M_Waterproofing
- L811-M_Street furniture
- Level 63
- R02101-M_Running Rail
- RZ31-M_Structure Gauge
- Watermark
- Z11-T_Title annotation



ProjectWise Search

Advanced Search | Go

Project Site

Project Description

Tottenham Court Road is benefiting from major transport investment, including a new Crossrail station and a rebuilt Tube station.

A public plaza outside Centre Point is also being created and a number of projects are being planned to provide a more pleasant local environment - with wider pavements, better cycling facilities and improvements to bus services.

Done | Trusted sites | Protected Mode: Off | 100%

Current Navigator Web Part limitations

- Supports viewing operations only, markup capabilities to follow (preliminary targeted for the next release)
- Single file packaged i-models supported only
- Geo-coordinated references are not currently supported.
- Point cloud display is not currently supported
- Embedded raster references are not currently supported.
- Dynamic Views are not currently supported
- i-models downloaded and visualized through the i-model viewer will not display textures
  - As textures are not currently embedded in i-models.
  - Further, the viewer does not include the default textures delivered with PowerProducts as this would result in unnecessary bloat of the control download/delivery.

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Recent release recap

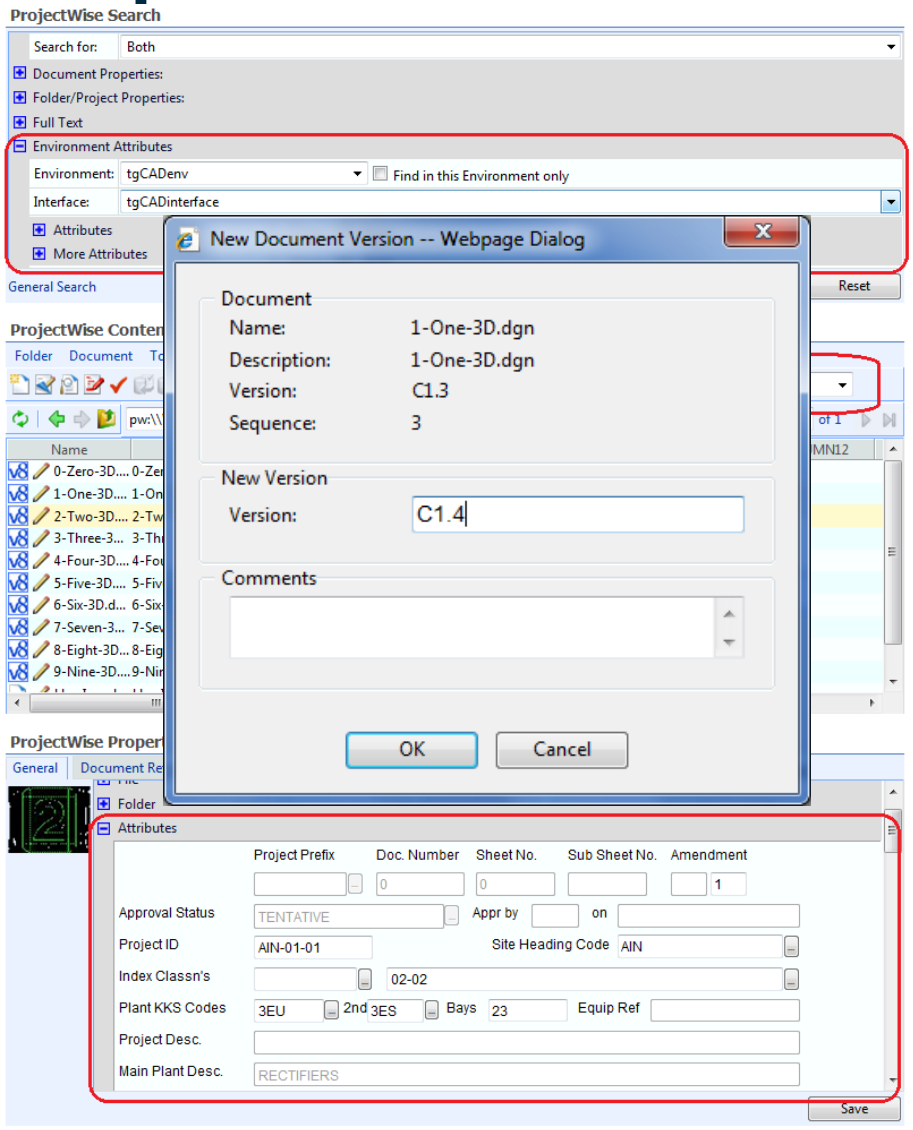
ProjectWise Web Server extensions

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

SELECTseries 1 Refresh Update

- ProjectWise interfaces supported in Properties, Search and Content list web parts
- Assigning document code for an existing ProjectWise document
- Ability to create new version of existing PW document

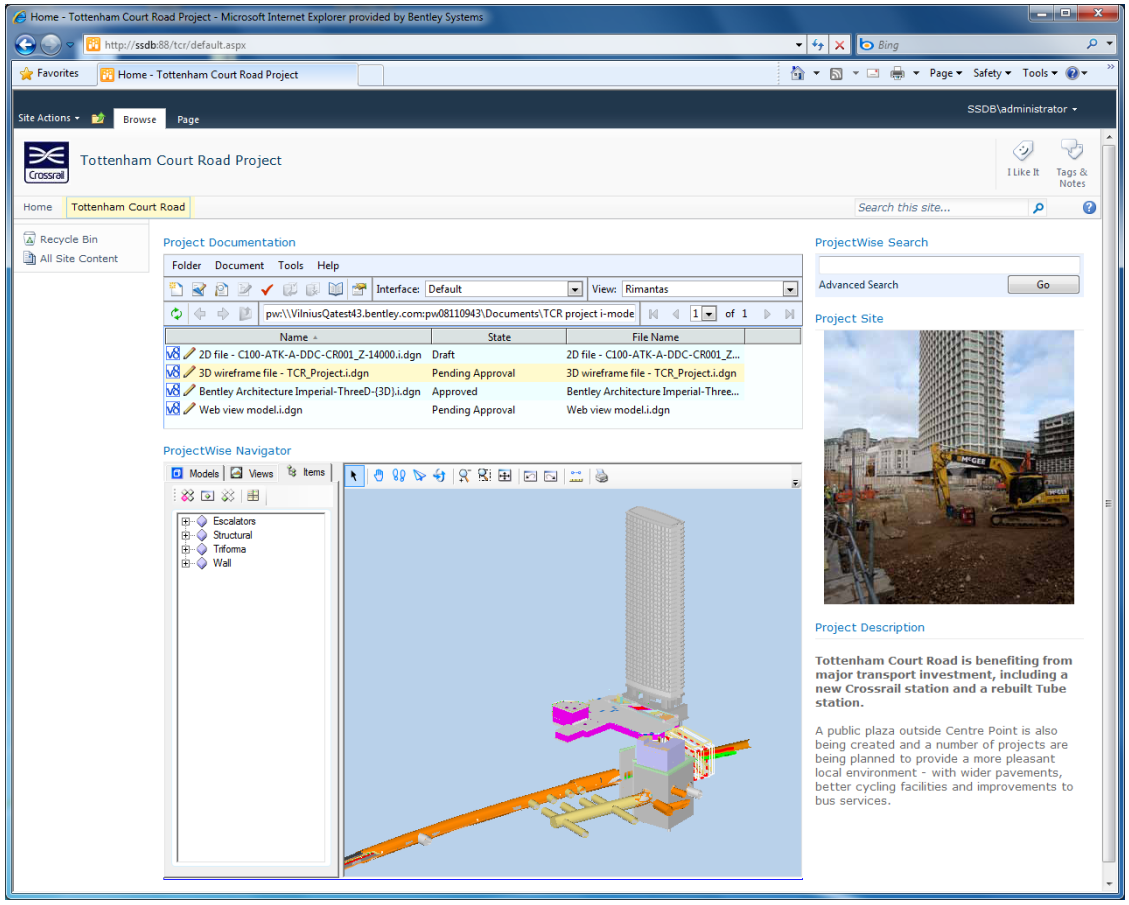


© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

SELECTseries 2 release

- SharePoint 2010 support
- Ability to change password for native ProjectWise users via ASP.NET site

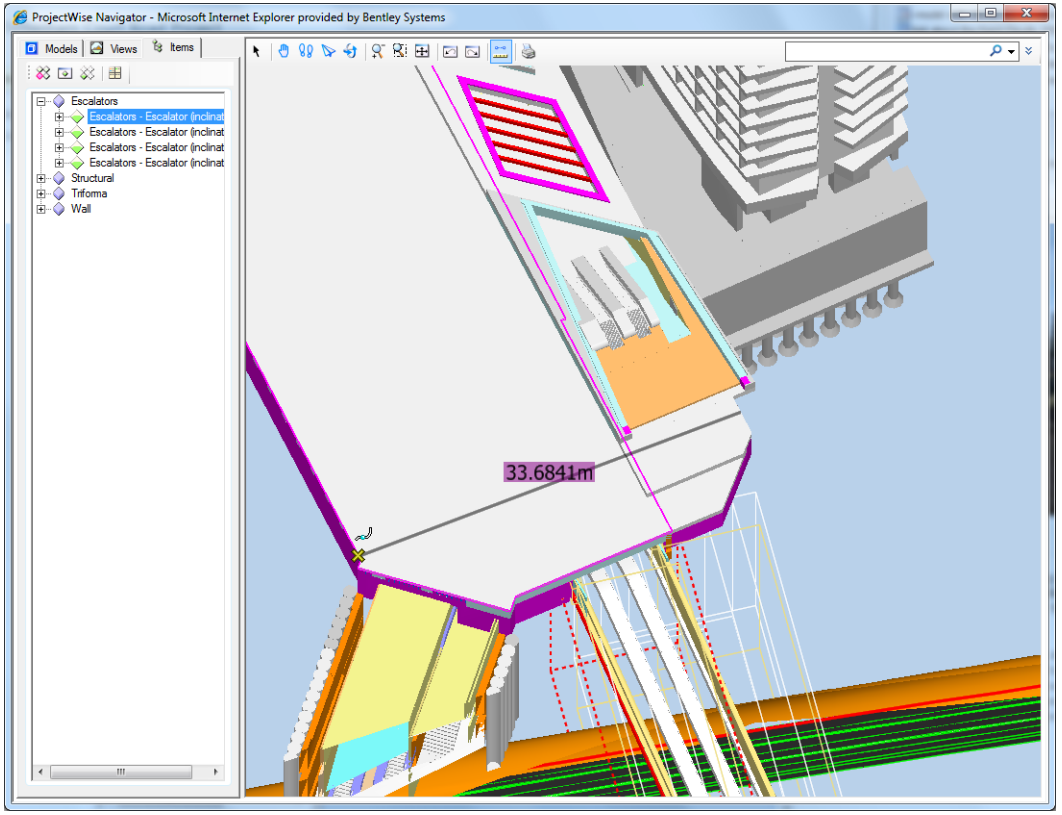


© 2010 Bentley Systems, Incorporated

SELECTseries 3

- 64bit native ProjectWise Web and Web View Servers

- ProjectWise Navigator web part (3D and 2D i-model web viewer)



© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Next steps

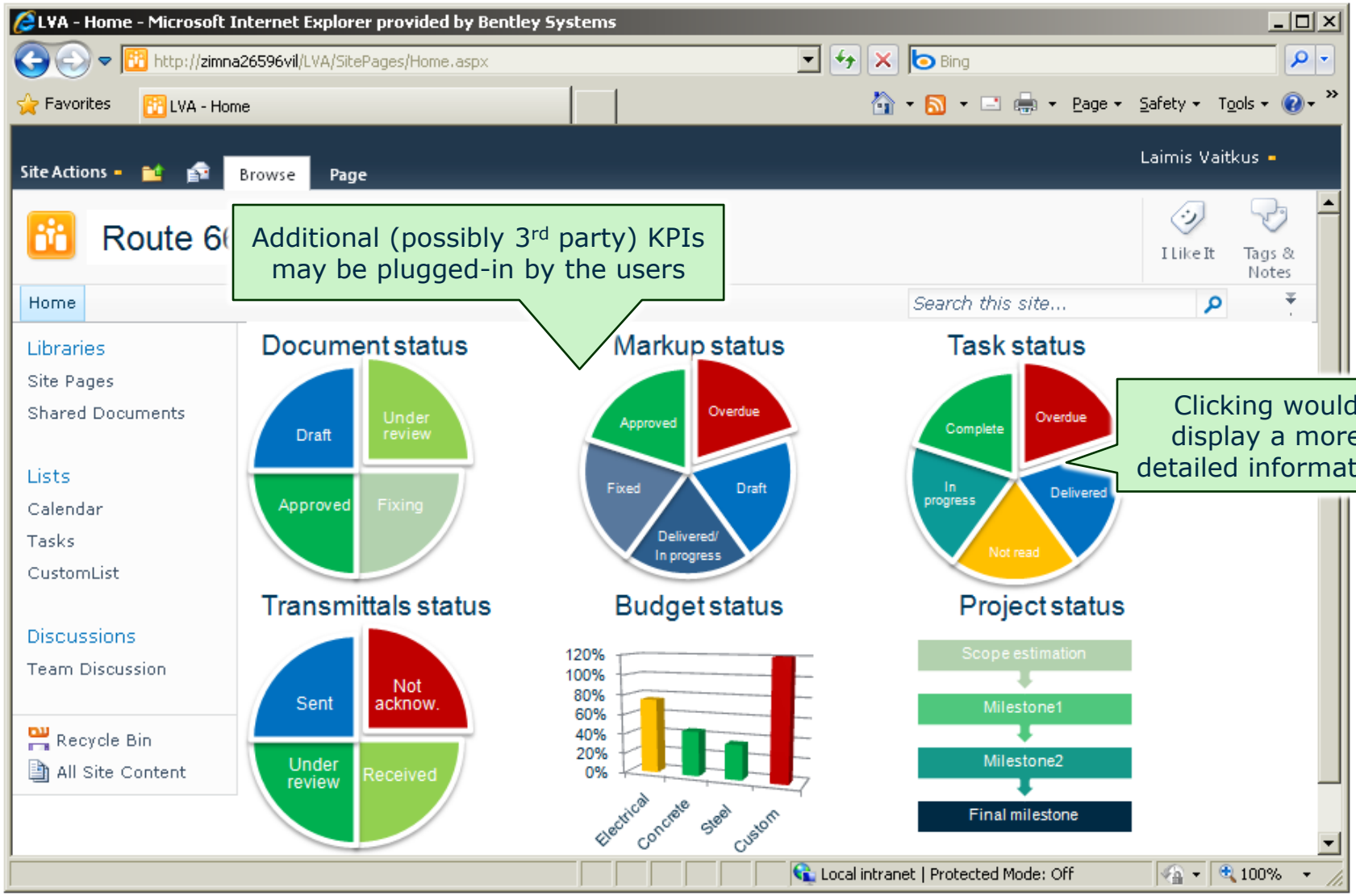
- SELECTseries4:
  - Integration with SharePoint Federated Search
  - Support for Markup in ProjectWise Navigator Web Part

- More exiting things on our radar…
  - Engineering project PMs oriented portals with dashboards and reports
  - Transmittals – planned to provide access without PW Explorer installed
  - Integration with SharePoint workflow, tasks and notifications

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

PM portal with dashboards (prototype)



© 2010 Bentley Systems, Incorporated

Strategy for going forward

- ProjectWise Explorer will remain main tool for CAD worker

- More and richer ways to expose ProjectWise content in SharePoint
- SharePoint features available in ProjectWise Explorer

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Summary

- ProjectWise V8i and SharePoint 2010 used together provide access to all critical project information in one place
  - Perfect collaboration solution for large and small infrastructure projects

- ProjectWise V8i and SharePoint 2010 :
  - Provide broad access to all project information
  - Speeds up information discovery
  - Helps make better decisions faster

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure

Q&A

© 2010 Bentley Systems, Incorporated

Bentley Sustaining Infrastructure