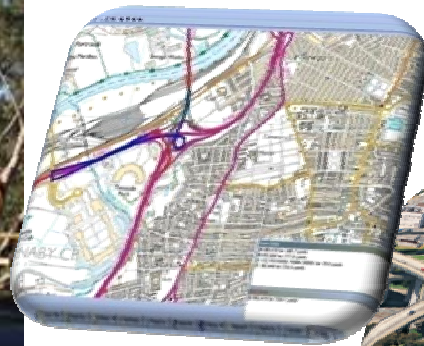


Automated Permitting and Routing for Oversized and Overweight Vehicles

Jay Adams, Oklahoma Department of Transportation



Politically Charged Atmosphere of OS/OW

1. What the Legislature Always Wanted – And Didn't know

- 24 hour system
- Computers making decisions
- Should Be Easy, Right?

2. 2 Different Agencies Involved – Yours, Mine and Ours

- Oklahoma Department of Public Safety – Size and Weights Division, Law Enforcement and Finance
- Oklahoma Department of Transportation – Bridge and Road Data, Engineering and Public Safety
- ODOT only agency with successful implementations of IT – Should be Easy, Right?

3. Project Management – Who's your Daddy?

- Legislature – It's our Money
- ODPS – It's our Laws and Employees
- ODOT – It's our Bridges, Roads and Safety (better living through engineering)

4. Challenge – Ownership and Management

Evaluation for Oklahoma Legislature

Business Problem

- *Rapid Growth of OS/OW Permits and unacceptable times to provided safe routes and permits*

Solution

- *Develop an Internet based Routing and Permitting Solution, generate permits in a timely manner, provide a 24 hour web service and maintain public safety*

Benefits

- *Trucking Industry can maintain their critical schedules and the State doesn't sacrifice public safety*

Anticipated Long-Term Benefits

- *Increased economic development for a friendlier business environment and overall cost savings to the State in better management operations*

Future Plans and Strategy

- *Work with surrounding states to look at possible OS/OW Permitting and Routing in the Cloud for a single permitting source for multiple states*

Business Problem

- Increased safety and protection of the infrastructure
- Experienced exponential growth in OS/OW truck traffic
 - Agriculture, Oil, and Gas Industries power the Oklahoma Economy
 - Issues more than 200,000 permits per year (~800 per day)
 - Limited resources to fill the requests
- Increased pressure by the trucking industry
 - Carriers were waiting three days to a week for a permit
- Economic issues were prevalent
 - Delay in permits encouraged carriers to operate without a permit



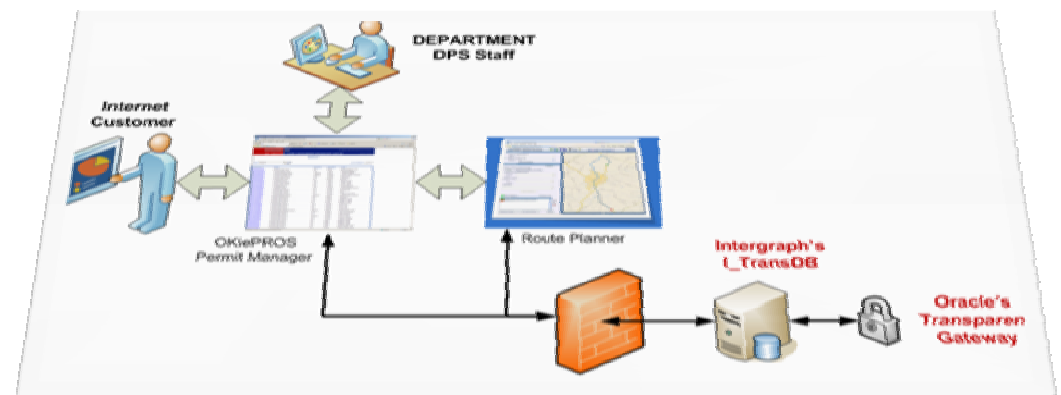
Solution: Project Goals and Functionality

The Project Provides

- ***DPS/DOT customers the ability to:***
 - Submit a permit request electronically
 - Generate safe routes automatically
 - Pay for and receive permits electronically
- ***DPS/DOT with ability to:***
 - Keep pace with OS/OW permits demand
 - Preserve roadway infrastructure
 - Ensure public safety
 - Improve customer service
 - Enable monitoring and analysis

Through Key Components

- ***Permitting***
- ***Routing***
- ***Restriction Management***
- ***Administration***
- ***Data Integration***



Solution: Project Goals and Functionality

The Project Provides

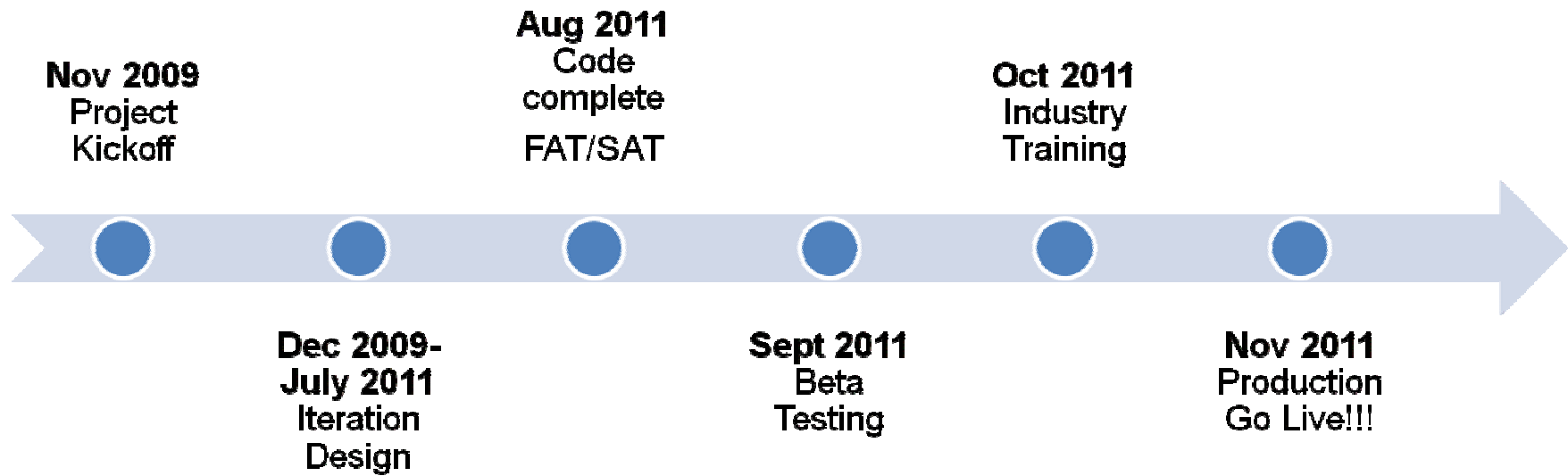
- ***DPS/DOT customers the ability to:***
 - Submit a permit request electronically
 - Generate safe routes automatically
 - Pay for and receive permits electronically
- ***DPS/DOT with ability to:***
 - Keep pace with OS/OW permits demand
 - Preserve roadway infrastructure
 - Ensure public safety
 - Improve customer service
 - Enable monitoring and analysis

Through Key Components

- ***Permitting***
- ***Routing***
- ***Restriction Management***
- ***Administration***
- ***Data Integration***



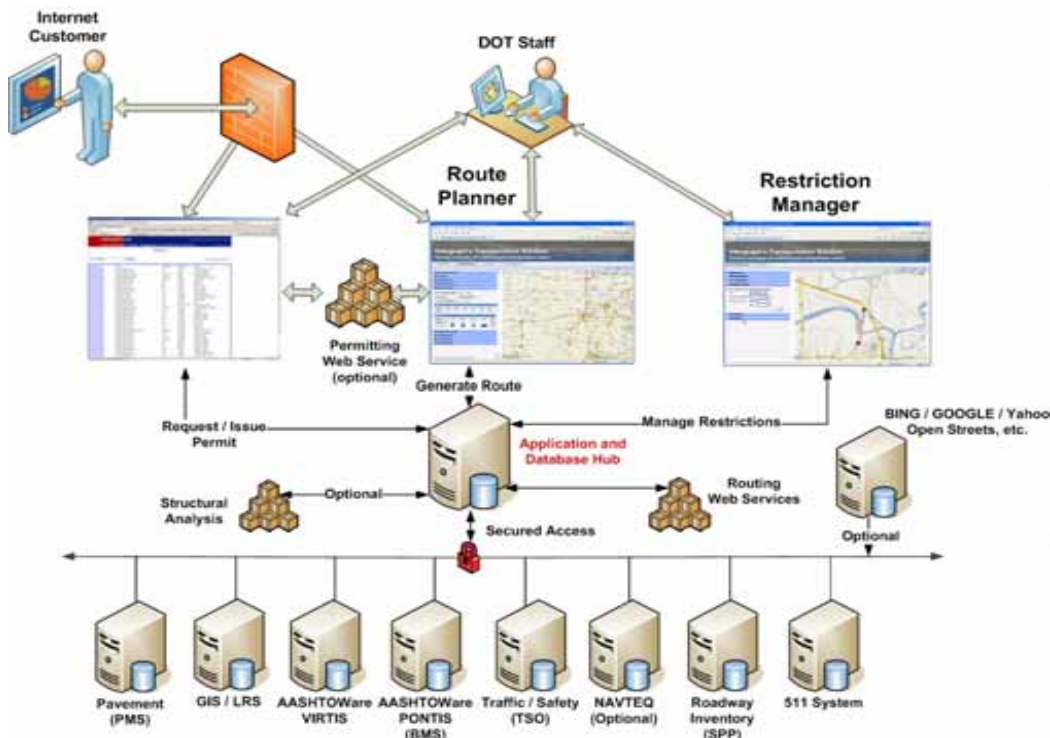
Solution: Project Approach / Timeline



Solution: Technical Approach

Permitting

- Cambridge provided web application
 - Java based
 - Oracle Database



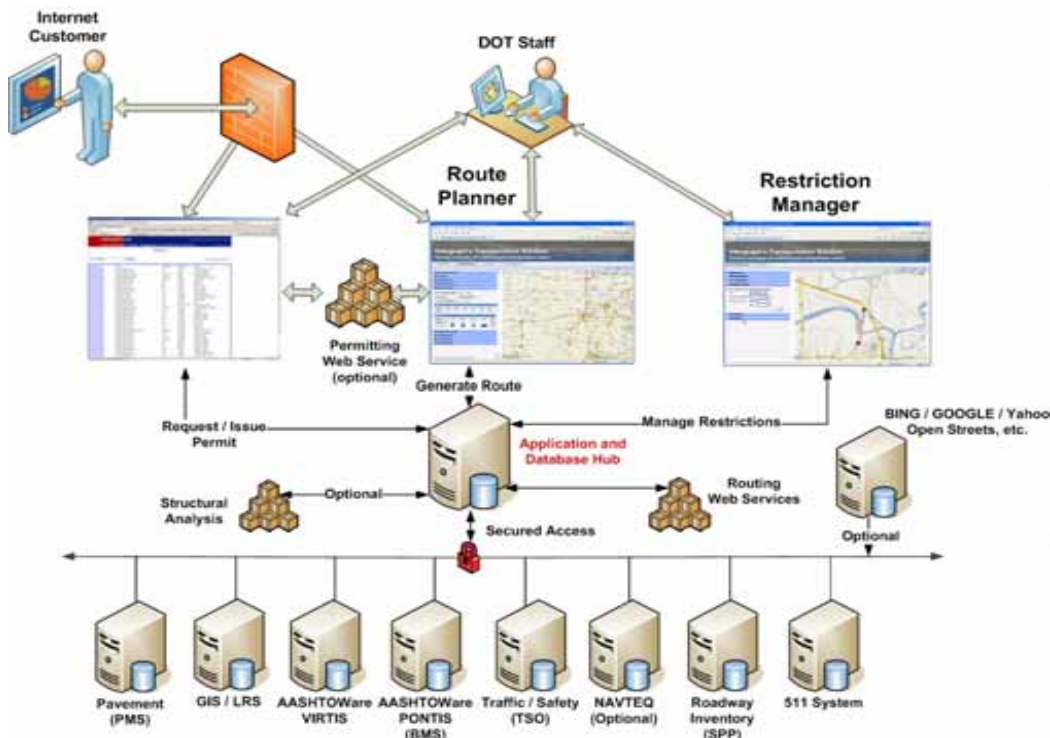
Automated Routing & Restriction Management

- Intergraph Provided COTS
 - GeoMedia Desktop Products (Data processing / Management)
 - GeoMedia WebMap Professional
- Industryware – Configurable Software
 - Route Planner
 - Restriction Manager
 - VIRTIS Interface – Live Load Analysis
- Oracle Spatial Database
 - NAVTEQ Streets
 - Google Premium
 - Oklahoma Roadway and PONTIS Data

Solution: Technical Approach

Permitting

- Cambridge provided web application
 - Java based
 - Oracle Database



Automated Routing & Restriction Management

- Intergraph Provided COTS
 - GeoMedia Desktop Products (Data processing / Management)
 - GeoMedia WebMap Professional
- Industryware – Configurable Software
 - Route Planner
 - Restriction Manager**
 - VIRTIS Interface – Live Load Analysis**
- Oracle Spatial Database
 - NAVTEQ Streets
 - Google Premium
 - Oklahoma Roadway and PONTIS Data

Solution: Customer and Agent Friendly

Web Images Videos **Maps** News Shopping Gmail More

Sign in

Google

Get directions My places

Mustang, OK
Denver, CO
Add Destination - Show options
GET DIRECTIONS

Suggested routes

Route	Distance	Time
US-183 N	610 mi	11 hours 4 mins
I-70 W	635 mi	11 hours 12 mins
I-35 N and I-70 W	694 mi	11 hours 23 mins

Driving directions to Denver, CO

This route has restricted usage or private roads.

Mustang, OK

- Head north on S Mustang Rd toward E Forster Ln 5.9 mi
- Turn left to merge onto I-40 W toward Amarillo 29.6 mi
- Take exit 108 for US-281 Spur N toward

Map data ©2011 Europa Technologies, Google, INEGI

Internet 100%

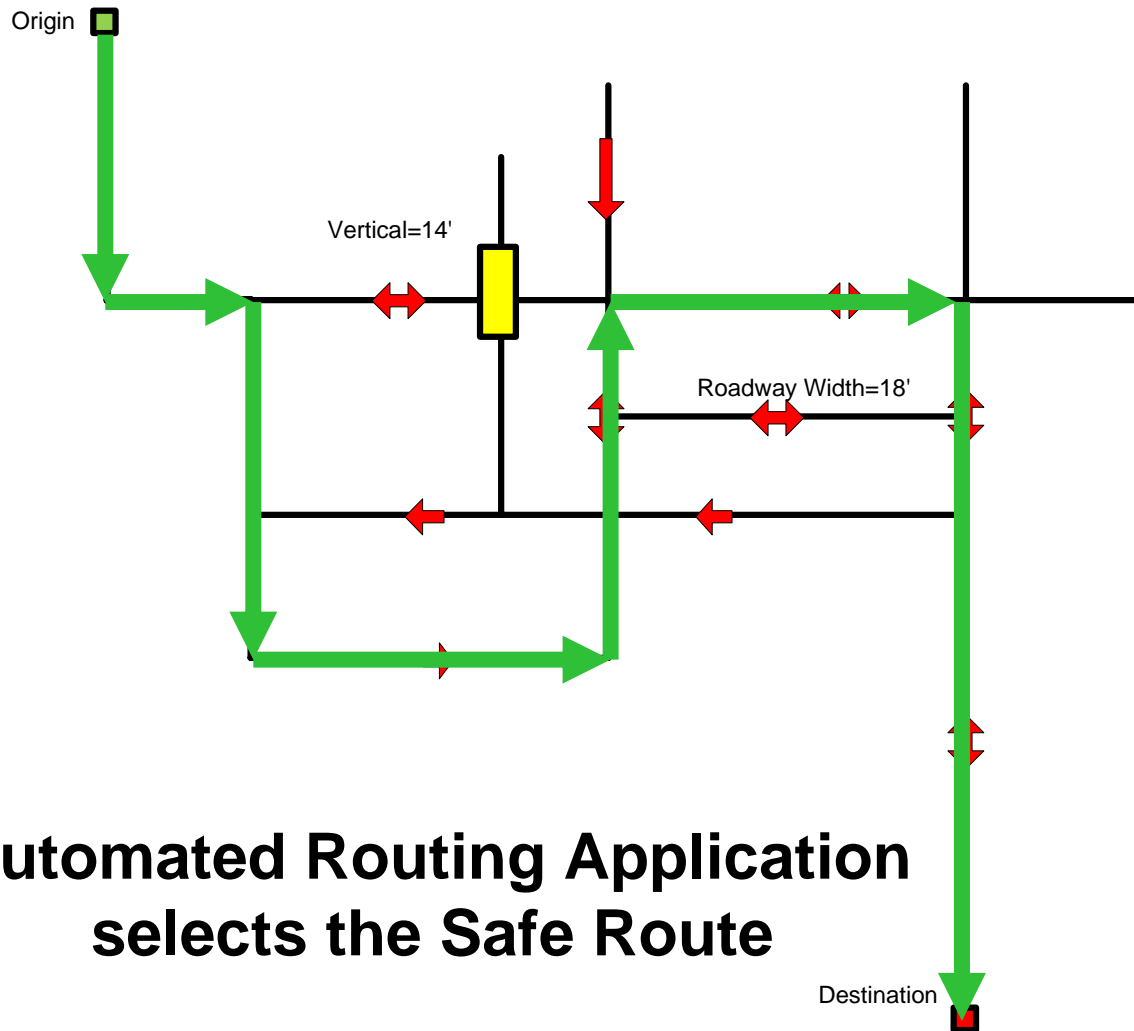
Solution: Customer and Agent Friendly

The screenshot shows a web browser window titled "Route Planner - Windows Internet Explorer" with the URL "http://okieprosapp/routeplanner/". The browser's address bar shows "http://okieprosapp/routeplanner/" and the search engine is set to "Bing". The application interface includes a menu bar (File, Edit, View, Favorites, Tools, Help) and a toolbar with icons for home, back, forward, print, page, safety, tools, and social media. The main interface is divided into several sections:

- Route:** Contains buttons for "New", "Load", "Save", "Manage", and "Display prohibited route".
- Dimensions:** Displays "Height: 14' 0\" Width: 8' 5\"", "Length: 14' 7\" Weight: 90000lbs", and a "Restrictions" button.
- View:** Includes "Vehicle", "Magnifier", and "Settings" options.
- Options:** Features a "Reset" button.
- Routing:** Shows a "City" dropdown set to "SALMA" and checkboxes for "Zoom to" and "Highlight".
- Map:** A central map of Oklahoma with a highlighted route. The map shows major highways (Interstates 35, 40, 44, 77, 240, 270, 281, 287, 377, 412, 51, 59, 66, 68, 77, 81, 99) and various cities including Oklahoma City, Norman, Edmond, and Stillwater.
- Legend:** Located on the right side, it lists "Base Maps" (OSOW Map, OSOW Imagery, Google Streets, Google Physical, Google Hybrid, Google Satellite, Bing Maps, Bing Hybrid, Open Street Map) and "Layers" (OSOW Roads, National Highway System, Permanent Restrictions, Temporary Restrictions).
- Driving Directions:** A section on the left with "Generate" and "Apply to Permit" buttons, and a heading "Driving directions to Travel Estimate: ft /".

The bottom of the browser window shows the status bar with "Local intranet | Protected Mode: Off" and a zoom level of "100%".

Solution: Automated Routing



1. Road Network
2. Apply Roadway Restriction
3. Enter Vehicle and Load Information
4. Enter Origin and Destination
5. Submit Route Request

**Automated Routing Application
selects the Safe Route**



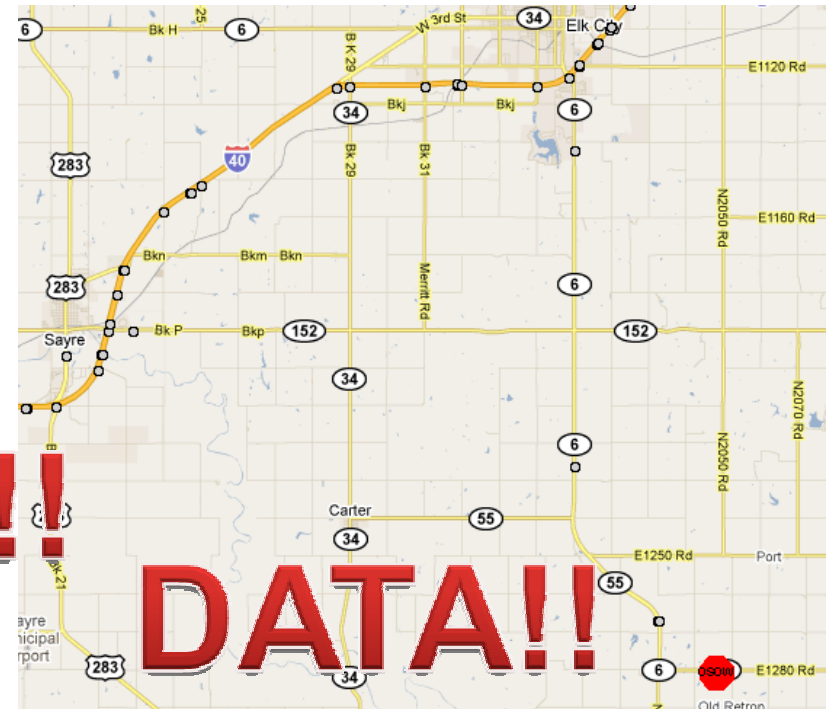
Solution: Technical Challenges

- Cutting edge technology
- IT Infrastructure to support the application
- Conflation of Roadway and PONTIS Data to NAVTEQ
 - Positional Accuracy
 - Assignment to Road vs Ramps or both
 - On-structure vs over / under
 - Bridge Ratings and Vehicle Classification
 - Alignment of route identification with NAVTEQ Road Names

DATA!!

DATA!!

DATA!!



Lessons Learned – The Good, The Bad and The Ugly

- ***The Good*** – Intergraph Commitment
 - Ensuring success and commit resources to make it happen
 - Thinking out of the Box with Successful Technology
 - Intergraph Management took Ownership of Project
- ***The Bad*** – Never a Crystal Ball when you need one
 - NAVTEQ and Data Issues
 - Bridge Location Dynamics
 - Programming for the Unforeseen U Turns
- ***The Ugly*** – Fool Me Once Shame on You, Fool Me Twice, You're Out of Here!
 - Project Management Issues
 - Communication Issues
 - Legislative Issues
 - Ownership Issues

Benefits and Future

- **Benefits**

- **Industry:** *Can maintain their critical schedules with automated permitting and Live Load analysis for weights*
- **State:** *Doesn't sacrifice public safety and streamlines workflows for better productivity and accuracy*

- **Anticipated Long-Term Benefits**

- **Industry:** *Increased economic development with a friendlier business environment and increased productivity*
- **State:** *Overall cost savings to the State in better management operations and public safety*

- **Future Plans and Strategy**

- *Work with surrounding states to look at possible OS/OW Permitting and Routing in the Cloud for a single permitting source for multiple states*



Applying for a permit

Select a Permit to Review - Windows Internet Explorer

http://okieprospm:7001/okiepros/manapproval/ManagerReviewQueue.action

File Edit View Favorites Tools Help

Google Search

Select a Permit to Review

OKLAHOMA DEPARTMENT OF PUBLIC SAFETY

Home Apply For Permits Company Application Search Payment Management Log Off Help

Welcome: super

Select a Permit to Review

Manager Queue

Submitted Date	Application Id	Start Date	Status	Purchasing Company	Carrier	Outcome	Awaiting # Documents	Needs Info
3/11/11	20110311000022	3/11/11	In Manager Review		BAKER TRUCKING	N/A		

Agent Queue

Application Id	Carrier	Start Date	Status	Vehicle Load	Awaiting # Documents	Needs Info
20110311000023	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000025	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000026	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000028	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000029	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000030	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000033	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000034	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000035	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000036	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000037	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000038	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000041	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000045	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000046	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000047	BAKER TRUCKING	3/11/11	Pending Agent Review			
20110311000048	BAKER TRUCKING	3/11/11	Pending Agent Review			

Weight Specialist Queue

Application Id	Carrier	Start Date	Status	Vehicle Load	Awaiting # Documents	Needs Info

All Other Queues

Submitted Date	Application Id	Start Date	Status	Purchasing Company	Carrier	Outcome	Awaiting # Documents	Needs Info
3/11/11	20110311000021	3/11/11	In Agent Review		BAKER TRUCKING	N/A		
3/11/11	20110311000024	3/11/11	In Agent Review		BAKER TRUCKING	N/A		

Local intranet | Protected Mode: Off | 100%



Select a Permit to Review

Agent Queue

Application Id	Carrier	Start Date	Status	Type	Awaiting # Documents	Needs Info
20110127000022	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000023	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000024	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000025	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000026	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000027	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000028	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000029	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000030	BAKER TRUCKING	1/27/11	Pending Agent Review	GENERAL		
20110127000031	BAKER TRUCKING	1/27/11	In Agent Review	GENERAL		

Weight Specialist Queue

Application Id	Carrier	Start Date	Status	Type	Awaiting # Documents	Needs Info
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Release 1.11.13

Apply For Permit - Windows Internet Explorer

Address: <https://permitmanager.intergraph.com/okiepros/appsubmission/permitapp>

File Edit View Favorites Tools Help Convert Select

Apply For Permit

Home **Apply For Permits** Company Application Search Payment Management Log Off Help Welcome: agent

Apply For Permit

▼ General

Application ID: TBD

Permit Service:

Carrier: * OKLAHOMA TRUCKING

Provisional:

Reference Num:

Carrier Unit:

Permit Duration: * SINGLE

Permit Subtype: * OVERSIZE

Permit Type: * GENERAL

Configuration: * TRUCK AND TRAILER

Additional Travel Dates: * 02/22/2011; 02/23/2011;

Start Date: * 02/21/2011

Walk in:

No Fee:

Emergency:

▼ Oversize

Height (ft-in): * 13-9	Width (ft-in): * 10-6
Total Length (ft-in): * 60-1	Pike Pass Number: <input type="text"/>
Forward Overhang (ft-in): <input type="text"/>	Trailer and Load Length (ft-in): * 50-1
Gross Weight (lbs): * 60000	Rear Overhang (ft-in): <input type="text"/>

▼ Truck

Make: * FORD

Year: * 2007

Tag Number: * 1546574

Tag State: * Oklahoma

I attest movement can maintain tumpike speed (50 mph):

I attest movement can maintain Interstate speed (40 mph):

100%

Apply For Permit - Windows Internet Explorer

https://permitmanager.intergraph.com/okiepros/appsubmission/permitapp

File Edit View Favorites Tools Help Convert Select

Apply For Permit Page Tools

Reference Num:

Carrier Unit:

Permit Duration: * SINGLE

Permit Subtype: * OVERSIZE

Permit Type: * GENERAL

Configuration: * TRUCK AND TRAILER

Additional Travel Dates: * 02/22/2011; 02/23/2011;

Start Date: * 02/21/2011

Walk in:

No Fee:

Emergency:

▼ Oversize

Height (ft-in): * 13-9

Width (ft-in): * 10-6

Total Length (ft-in): * 60-1

Pike Pass Number:

Forward Overhang (ft-in):

Trailer and Load Length (ft-in): * 50-1

Gross Weight (lbs): * 60000

Rear Overhang (ft-in):

▼ Truck

Make: * FORD

Year: * 2007

Tag Number: * 1546574

Tag State: * Oklahoma

I attest movement can maintain turnpike speed (50 mph):

I attest movement can maintain Interstate speed (40 mph):

▼ Trailer / Load

Make: * C & W MANUFACTURING

Year: * 1996

Tag Number: * 549843

Tag State: * Illinois

Load Serial Number: 15-988436

Load Description: * Manufacturing parts

Newly Manufactured?:

Lowboy-style Trailer:

save as draft cancel continue >>

Internet 100%

Route Planner - Windows Internet Explorer

http://okieprosapp/routeplanner/

File Edit View Favorites Tools Help

Route Planner

Route: New Load Save Manage Display prohibited route

Dimensions: Height: 14' 0" Width: 8' 5" Length: 14' 7" Weight: 90000lbs

View: Vehicle Magnifier Restrictions

Options: Settings Reset

Welcome, super Route Planner (Iteration 11.2)

Routing: City: SALINA Zoom to Highlight

Route Path: <Enter Origin> <Enter Destination>

Generate Apply to Permit

Driving Directions: Driving directions to Travel Estimate: ft /

Legend:

- Base Maps
 - OSOW Map
 - OSOW Imagery
 - Google Streets
 - Google Physical
 - Google Hybrid
 - Google Satellite
 - Bing Maps
 - Bing Hybrid
 - Open Street Map
- Layers
 - OSOW Roads
 - National Highway System
 - Permanent Restrictions
 - Temporary Restrictions

20 km

Map data ©2011 Google - Terms of Use

Local intranet | Protected Mode: Off

100%

Route Planner - Windows Internet Explorer

http://okieprosapp/routeplanner/

File Edit View Favorites Tools Help

Route Planner

Route: New Load Save Manage Display prohibited route

Dimensions: Height: 14' 0" Width: 8' 5" Length: 14' 7" Weight: 90000lbs

View: Vehicle Magnifier Restrictions

Options: Settings Reset

Welcome, super Route Planner (iteration 11.2)

Routing: City: SALINA Zoom to Highlight

Route Path <Enter Origin>

Locate: Left-Click to Enter, Right-Click for Options

- Map Click
- Street Address
- Intersection
- LRS
- Coordinates
- Section Township Range

Driving Directions

Driving & Travel Estimates

Legend

- Base Maps
 - OSOW Map
 - OSOW Imagery
 - Google Streets
 - Google Physical
 - Google Hybrid
 - Google Satellite
 - Bing Maps
 - Bing Hybrid
 - Open Street Map
- Layers
 - OSOW Roads
 - National Highway System
 - Permanent Restrictions
 - Temporary Restrictions

20 km

Map data ©2011 Google

http://okieprosapp/routeplanner/#

Local intranet | Protected Mode: Off

100%

Welcome, super
Route Planner (iteration 11.2)

Route
New Load Save
Manage Display prohibited route

Dimensions
Height: 14' 0" Width: 8' 5"
Length: 14' 7" Weight: 9000lbs

View
Vehicle Magnifier
Restrictions

Options
Settings
Reset

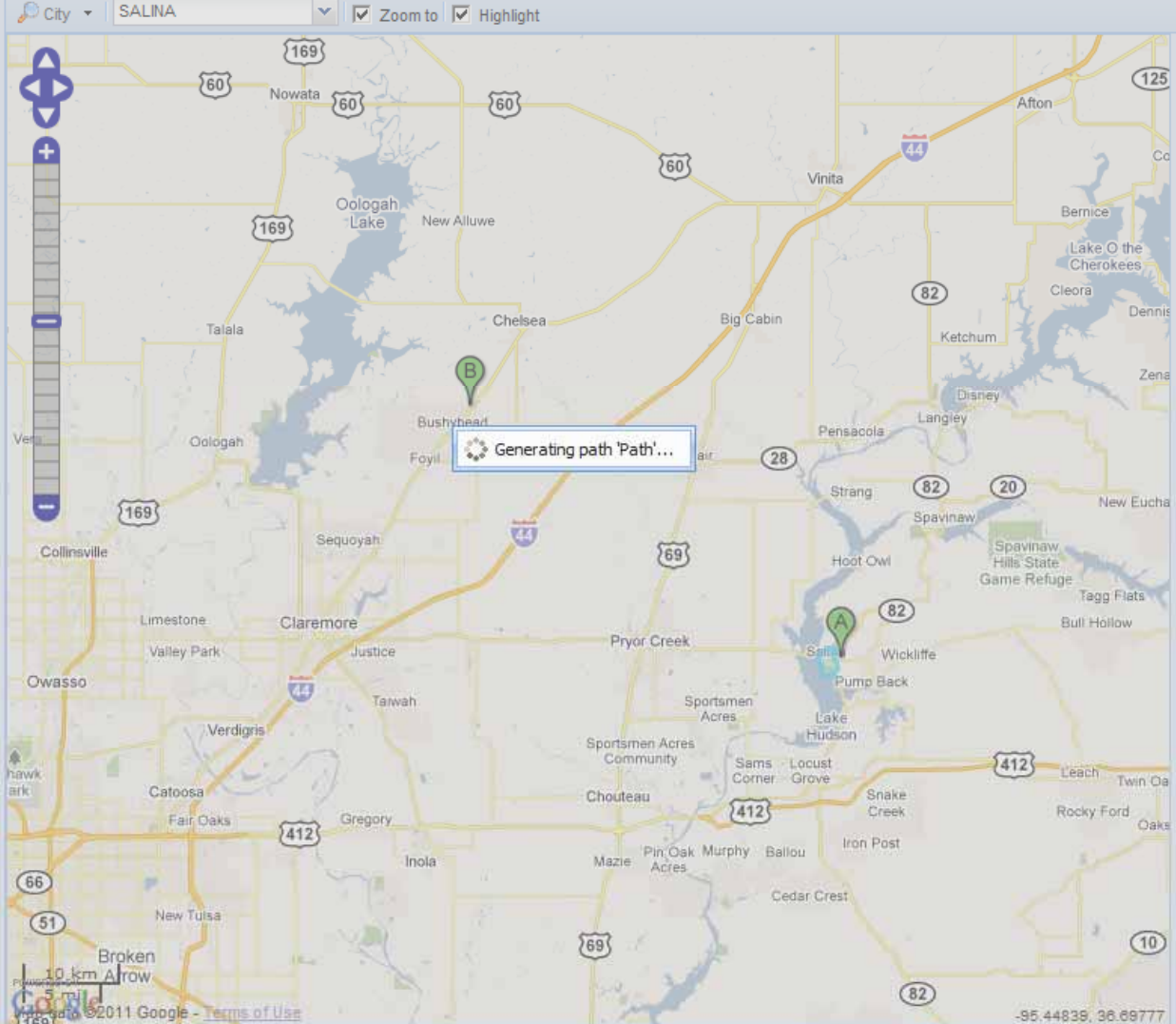
Routing

- Route
- Path
- 1353 KENWOOD RD, OK
- OK-20, OK [36.477103, -95.476]

Generate Apply to Permit

Driving Directions

Driving directions to OK-20, OK [36.477103, -95.476542]
Travel Estimate: ft /
Path not generated



- Legend**
- Base Maps
 - OSOW Map
 - OSOW Imagery
 - Google Streets
 - Google Physical
 - Google Hybrid
 - Google Satellite
 - Bing Maps
 - Bing Hybrid
 - Open Street Map
 - Layers
 - OSOW Roads
 - National Highway System
 - Permanent Restrictions
 - Temporary Restrictions

Route Dimensions View Options

New Load Save Manage Display prohibited route

Height: 14' 0" Width: 8' 5" Length: 14' 7" Weight: 90000lbs

Vehicle Magnifier Settings Restrictions Reset

Welcome, super
Route Planner (iteration 11.2)

Routing City: SALINA Zoom to Highlight

- Route
- Path
- 1353 KENWOOD RD, OK
- OK-20, OK [36.477103, -95.476542]

Generate Apply to Permit

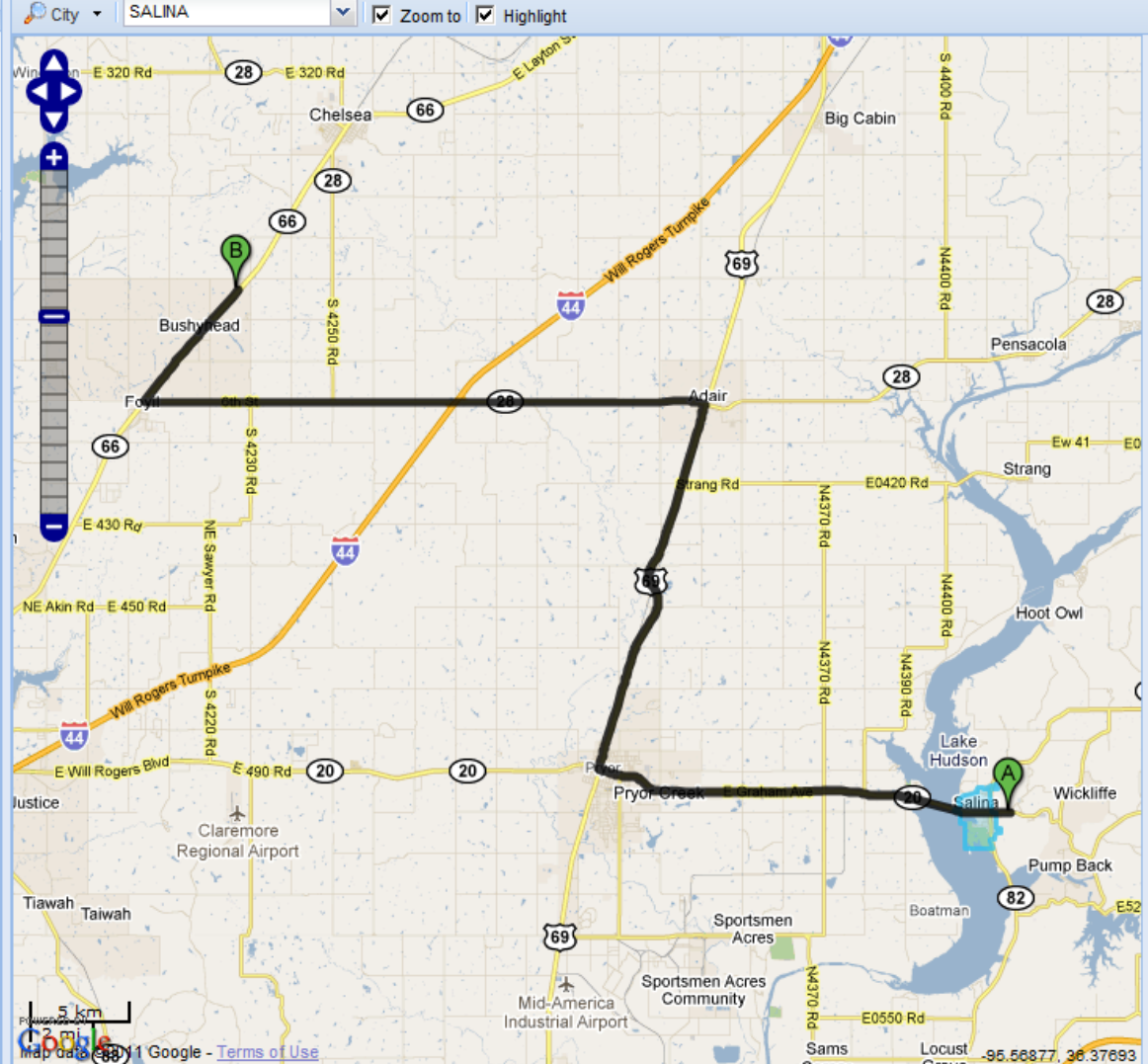
Driving Directions

Driving directions to OK-20, OK [36.477103, -95.476542]
Travel Estimate: 37.0 mi / 34 min

Distance	Route	Distance
1	Local roads	0.9 mi
2	OK-20	9.4 mi
3	US-69	9.4 mi
4	OK-28	9.1 mi
5	OK-28A	4.6 mi
6	OK-20	3.5 mi

1353 KENWOOD RD, OK

OK-20, OK [36.477103, -95.4765...



Legend

- Base Maps
 - OSOW Map
 - OSOW Imagery
 - Google Streets
 - Google Physical
 - Google Hybrid
 - Google Satellite
 - Bing Maps
 - Bing Hybrid
 - Open Street Map
- Layers
 - OSOW Roads
 - National Highway System
 - Permanent Restrictions
 - Temporary Restrictions
- Route
 - Paths
 - Path
 - Violations

Confirm Application - Windows Internet Explorer

https://permitmanager.intergraph.com/okiepros/appsubmission/permitapp

File Edit View Favorites Tools Help Convert Select

Confirm Application

Home Apply For Permits Company Application Search Payment Management Log Off Help Welcome: agent

Confirm Application

< previous save as draft cancel submit

Payment and Delivery

Delivery Type: **EMAIL**

- EMAIL
- FAX
- PICK UP

Comment

Customer Comment:

Additional Restrictions:

Branch and Contact Person

Carrier: OKLAHOMA TRUCKING

Branch: * Oklahoma Trucking - Oklahoma City 123 Main, Oklahoma City, OK 73105

Contact First Name: * JAY Contact Last Name: * ADAMS

Contact Phone: * 405-555-5555 Contact Email: * jadams@odot.org

Contact Fax: * 405-521-4184

Permit Details

GENERAL		OVERSIZE	
Application ID:	TBD	Trailer and Load Len...	50-1
Permit Type:	GENERAL	Total Length (ft-in):	60-1
Permit Subtype:	OVERSIZE	Height (13-9):	13-9
Configuration:	TRUCK AND TRAILER	Width (ft-in):	10-6

Done Internet 100%

Confirm Application - Windows Internet Explorer

Address: <https://permitmanager.intergraph.com/okiepros/appsubmission/permitapp>

File Edit View Favorites Tools Help Convert Select

Confirm Application Page Tools

▼ Permit Details

GENERAL		OVERSIZE	
Application ID:	TBD	Trailer and Load Len...	50-1
Permit Type:	GENERAL	Total Length (ft-in):	60-1
Permit Subtype:	OVERSIZE	Height (13-9):	13-9
Configuration:	TRUCK AND TRAILER	Width (ft-in):	10-6
Travel Dates:	02/21/2011; 02/22/2011; 02/23/2011	Gross Weight (lbs):	60000
Walk In:	NO		
Emergency:	NO		

TRUCK

Make:	FORD
Year:	2007
Tag Number:	1546574
Tag State:	Oklahoma
Turnpike Speed?:	YES
Interstate Speed?:	NO
Special Purpose Dri...	NO

TRAILER

Make:	C & W MANUFACTURING
Year:	1996
Tag Number:	549843
Tag State:	Illinois
Serial Number:	15-988436
Newly Manufacture...	NO
Lowboy-style Trailer:	NO

Load Description: MANUFACTURING PARTS

▼ Estimated Fees

Estimated Total Fees: \$40.00

Done Internet 100%

Confirm Application - Windows Internet Explorer

Address bar: <https://permitmanager.intergraph.com/okiepros/appsubmission/permitapp>

Menu: File Edit View Favorites Tools Help Convert Select

Page Title: Confirm Application

Page Tools: Home RSS Print Page Settings Tools

Tag Number: 345643
Tag State: Illinois
Serial Number: 15-988436
Newly Manufacture... NO
Lowboy-style Trailer: NO

Load Description: MANUFACTURING PARTS

Estimated Fees
Estimated Total Fees: \$40.00

Estimated Restrictions
Must contact all local authorities prior to movement on city streets and county roads.
Travel prohibited during periods when conditions exist, which makes travel unsafe as determined by Troop Commander and/or Director of Size and Weights Permits Divis
All vehicles traveling Oklahoma turnpikes with loads in excess of 10-0 width shall be equipped with a Rikeness and utilize appropriately sized rikeness lanes

Required Documentation

Estimated Workflow
Auto Approval

Navigation buttons: << previous save as draft cancel **submit**

Permit Details - Windows Internet Explorer

https://permitmanager.intergraph.com/okiepros/searchapp/GetApplicationS

File Edit View Favorites Tools Help Convert Select

Permit Details

Home Apply For Permits Company Application Search Payment Management Log Off Help Welcome: agent

Permit Details

<< previous cancel duplicate revoke make payment

Screening Warnings

No warnings for this application.

General Info

Application Id: 20110217000001	Status: Approved
Walk In: No	Emergency: No
Start Date: 2/21/11	Middle Date: 2/22/11
Type: GENERAL	Subtype: OVERSIZE
End Date: 2/23/11	Configuration: TRUCK AND TRAILER
Purchasing Company: OKLAHOMA TRUCKING	Carrier: OKLAHOMA TRUCKING
Reference Num:	Carrier Unit:

Carrier Info

Branch name: Oklahoma Trucking - Oklahoma City
Address Line 1: 123 Main
City: Oklahoma City
State/Province: OK
Postal Code: 73105

Vehicle Info

Truck Make: FORD	Truck Tag Number: 1546574	Truck Tag State: Oklahoma
Truck Year: 2007	Interstate Speed?: Yes	Lowboy?: No
Turnpike Speed?: Yes		
Load Description: MANUFACTURING PARTS		
Trailer Make: C & W MANUFACTURING		
Load Serial Number: 15-988436	Trailer Year: 1996	
Newly Manufactured?: No	Trailer Tag Number: 549843	Trailer Tag State: Illinois
Total Length (ft-in): 60-1		

Internet 100%

Permit Details - Windows Internet Explorer

Address: <https://permitmanager.intergraph.com/okiepros/searchapp/GetApplicationS>

File Edit View Favorites Tools Help Convert Select

Permit Details Page Tools

Load Serial Number: 15-988436 **Trailer Year:** 1996
Newly Manufactured?: No **Trailer Tag Number:** 549843 **Trailer Tag State:** Illinois
Total Length (ft-in): 60-1 **Width (ft-in):** 10-6
Height (ft-in): 13-9
Gross Weight (lbs): 60000

Contact Info

First Name: JAY **Last Name:** ADAMS
Phone Number: 405-555-5555 **Email Address:** jadams@odot.org
Fax Number: 405-521-4184

Fees

Category	Description	Amount
Oversize		\$ 40.00
Delivery		\$ 2.00
Total Fees:		\$ 42.00

Restrictions

Must contact all local authorities prior to movement on city streets and county roads.
Travel prohibited during periods when conditions exist, which makes travel unsafe as determined by Troop Commander and/or Director of Size and Weights Permits Division.
All vehicles traveling Oklahoma turnpikes with loads in excess of 10-0 width shall be equipped with a Pikepass and utilize appropriately sized pikepass lanes.
Must Maintain Minimum Speed on Turnpikes and Interstates

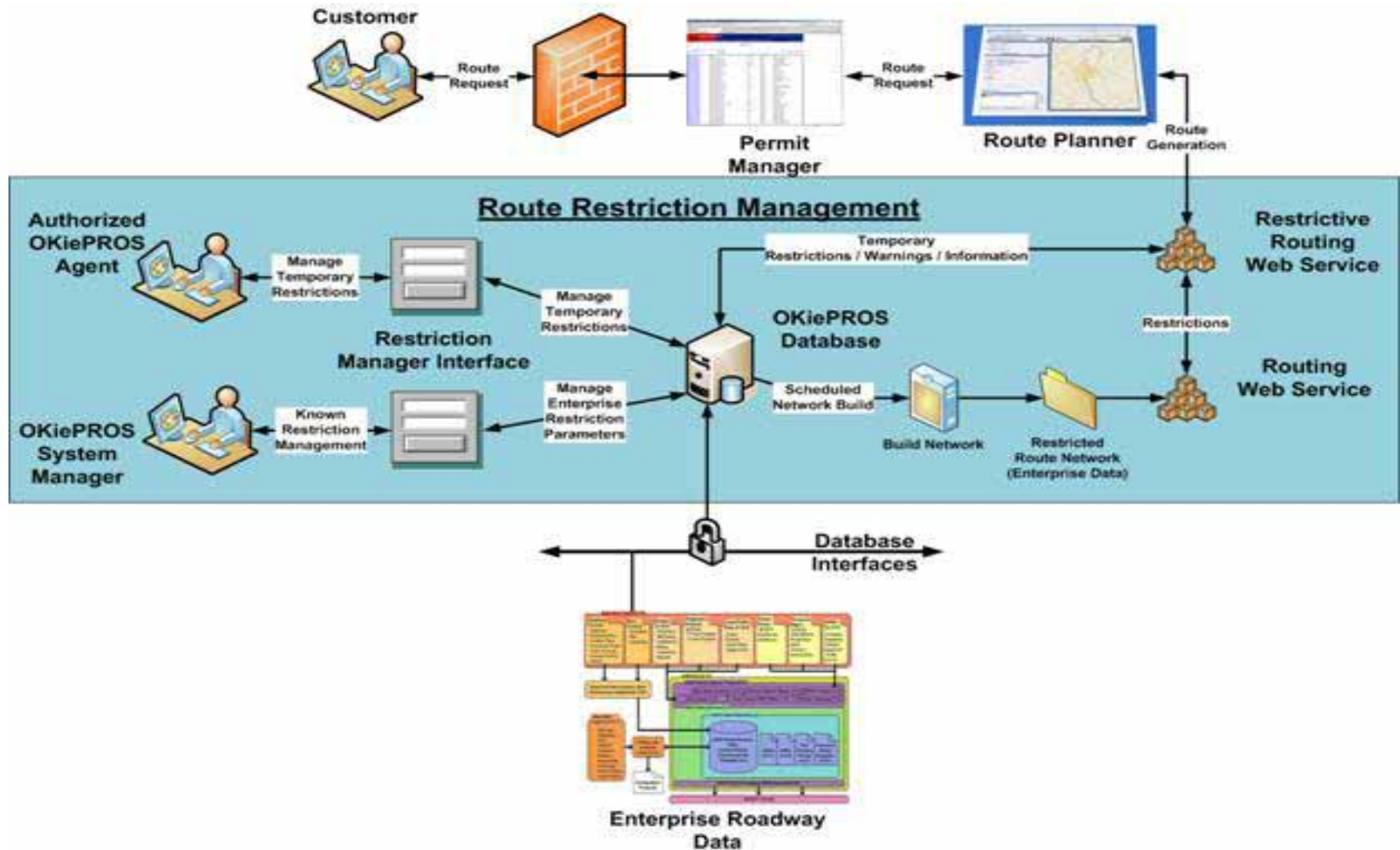
Status Change/Comments

Date	User	Status Change/Comment
17 Feb 2011 08:18:54	AGENT	Submitted
17 Feb 2011 08:18:54	SYSTEM	Approved

Release 1.11.13

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Restriction Manager Workflow



Restriction Manager - Windows Internet Explorer

Address: <https://routeplanner.intergraph.com/restrictionmanager/>

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Restriction Manager **Page** Tools

Restriction Manager

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Functions

Restriction Management

Enterprise Tolerance Values

Vertical Clearance: ft in

Horizontal Clearance: ft in

Route Preferences

Impedance Management

Settings

Dashboard Map Help

Show: All **Temporary** Permanent Refresh

Restrictions - End Date

Magnifier

Temporary Restrictions

Permanent Restrictions

Impedance Factors

	Start	Expected End	City/Area	County	Division	Road Name	Route Type	Severity	Feature	Type	Value	Direction	D
1	11/12/2010	12/31/2010	SEMINOLE	SEMINOLE	3	I-40	Interstate	Restricted	Construction	Width	10-0	EAST/WEST	C
2	12/13/2010	12/31/2010	ANTLERS	PUSHMATAHA	2	INDIAN NATION T...	Turnpike	Restricted	Guardrail	Width	10-0	BOTH	or
3	12/21/2010	12/31/2010	OKAY	WAGONER	8	SH-16	State Hwy	Restricted	Construction	Width	11-0	BOTH	O
4	12/21/2010	12/31/2010	TALIHINA	LEFLORE	2	SH-63	State Hwy	Restricted	Construction	Closure	0	BOTH	A
5	12/14/2010	12/31/2010	HOYT	MCINTOSH	1	SH-71	State Hwy	Restricted	Construction	Closure	0	BOTH	G
6	12/14/2010	12/31/2010	EUFAULA	MCINTOSH	2	SH-9	State Hwy	Restricted	Construction	Width	10-0	BOTH	O
7	11/12/2010	12/31/2010	TEXAS STATE LI...	n/a	SL	US-377	US Hwy	Restricted	Construction	Width	8-6	BOTH	C
8	12/21/2010	12/31/2010	KANSAS STATE ...	n/a	SL	US-69	US Hwy	Restricted	Guardrail	Closure	0	BOTH	A

No. of Records: 8

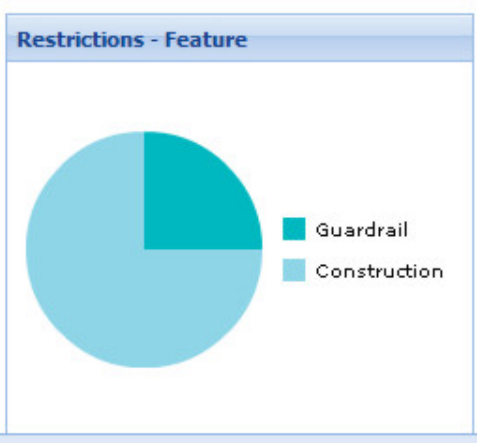
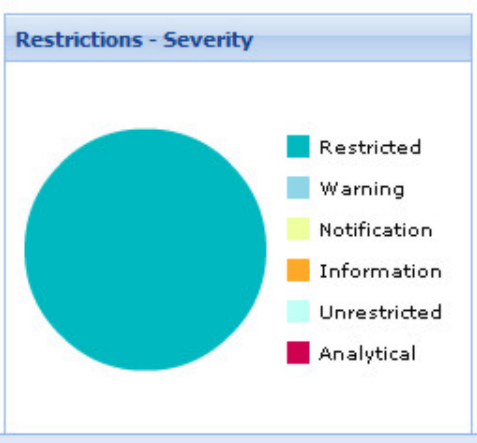
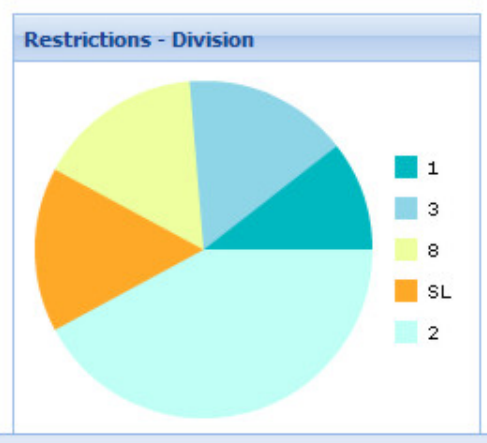
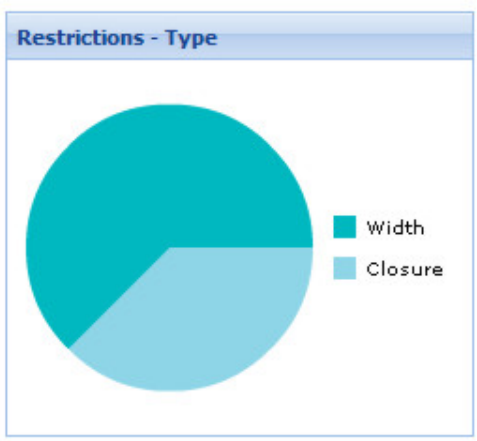
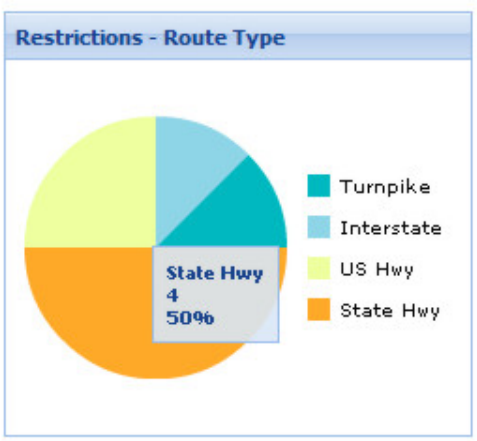
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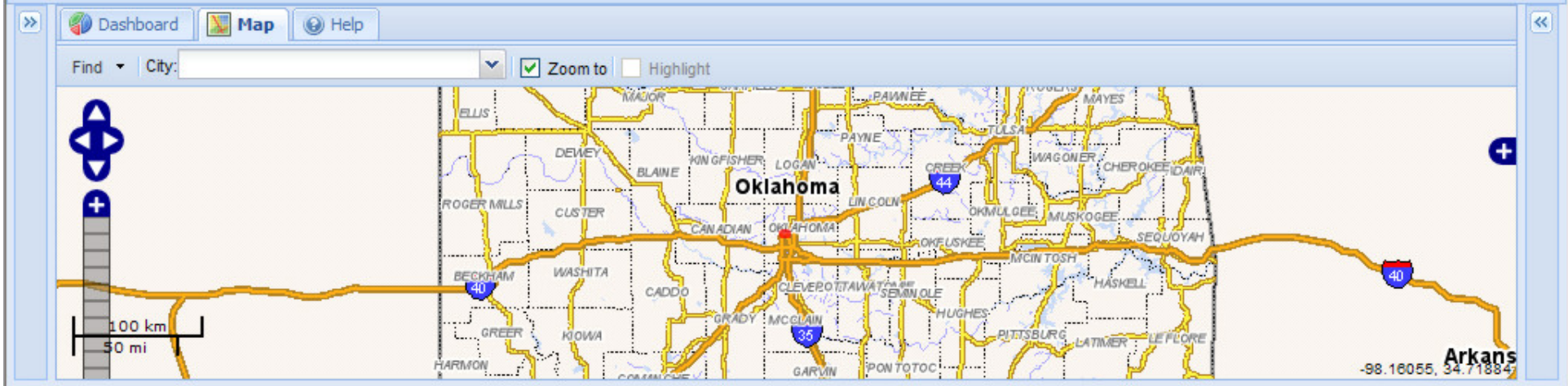
Dashboard Map Help

Show: All Temporary Permanent Refresh



Restriction Manager

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Temporary Restrictions

Permanent Restrictions | Impedance Factors

+ Add New - Remove Copy Modify Undock Place Geometry Show Geometry Refresh

	Start	Expected End	City/Area	County	Division	Road Name	Route Type	Severity	Feature	Type	Value	Direction	D
1	12/14/2010	12/31/2010	HOYT	MCINTOSH			State Hwy	Restricted	Construction	Closure	0	BOTH	G
2	12/14/2010	12/31/2010	EUFAULA	MCINTOSH			State Hwy	Restricted	Construction	Width	10-0	BOTH	0

- Sort Ascending
- Sort Descending
- Columns
- Filters
 - McIntosh

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Dashboard Map Help

Find City: Zoom to Highlight

Base Layer

- OSOW Map
- OSOW Imagery
- Google Streets
- Google Physical
- Google Hybrid
- Google Satellite

Map data ©2010 Google

Temporary Restrictions Permanent Restrictions Impedance Factors

	Start	Expected End	City/Area	County	Division	Road Name	Route Type	Severity	Feature	Type	Value	Direction	D
1	12/14/2010	12/31/2010	HOYT	MCINTOSH	1	SH-71	State Hwy	Restricted	Construction	Closure	0	BOTH	G
2	12/14/2010	12/31/2010	EUFAULA	MCINTOSH	1	US-69	US Hwy	Restricted	Construction	Width	10-0	NORTH/SOUTH	0
3	12/31/2010	02/28/2011	EUFAULA	MCINTOSH	1	US-69	US Hwy	Restricted	Maintenance	Width	10-0	NORTH	

No. of Records: 3

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Dashboard Map Help

Find City: Zoom to Highlight

Temporary Restrictions Permanent Restrictions Impedance Factors

	Start	Expected End	City/Area	County	Division	Road Name	Route Type	Severity	Feature	Type	Value	Direction	D
1	12/14/2010	12/31/2010	HOYT	MCINTOSH	1	SH-71	State Hwy	Restricted	Construction	Closure	0	BOTH	G
2	12/14/2010	12/31/2010	EUFAULA	MCINTOSH	1	US-69	US Hwy	Restricted	Construction	Width	10-0	NORTH/SOUTH	O
3	12/31/2010	02/28/2011	EUFAULA	MCINTOSH	1	US-69	US Hwy	Restricted	Maintenance	Width	10-0	NORTH	

No. of Records: 3