

PERFORMANCE MANAGEMENT SYSTEM

Final Report

Submitted to
Nevada Department of Transportation

by
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Note: This report contains sensitive information related to system login and security and hence is only intended for the system user and the associated IT administrators. This report is not intended for other distribution purposes.

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EXECUTIVE SUMMARY

The web-based Performance Management system implemented by this project is based on the MAP-21 guidelines, the State of Nevada performance-based budgeting, and NRS 408.133. It focuses on the critical aspects of a cohesive, integrated, and performance-driven approach. The process incorporates input from 1) customers, 2) the State Legislature and decision makers, 3) leadership, commitment, and support from management, and 4) collaborative team support from the major divisions and program areas of the Neavad Department of Transportation (NDOT).

The system will help NDOT to move towards a true performance-based process and will help increase support and participation from the divisions and system users. This refined and enhanced Performance Management framework and process will minimize duplication of work and will require minimum time commitment from the division heads, project managers, and the performance management coordinator. The automated performance management system will enable users to upload the divisional data directly into the system and will eliminate the need to send files by emails or other methods. The system will help improve accuracy of information and will provide for a central repository of performance management data for reporting, analysis purposes. Dashboards and charts help to visualize the data to understand trends and set realistic goals and targets.

NDOT Board of Directors, executive management, division heads, project managers, and the performance management coordinator will significantly benefit from the new automated performance management system. Decision-makers and project managers will be able to view the data online and make informed decisions.

Some of the key advantages of the new performance management system include, but are not limited to:

- Remote data entry,
- Eliminating the need for sending data using excel files and other manual processes,
- Uploading and storing the supported documentation for the performance measures in a central location for easy retrieval when needed,
- Dashboards with charts and graphs to measure performance trends and set realistic goals,
- Making the information available to the Transportation Board and the State Legislatures online,
- Smooth operation and continuity of the performance management process by minimizing dependency on individuals,
- Creating the final performance management report automatically.

It is recommended that a future goal of the performance management framework be to link the system with resource allocation to maximize limited funds. A true-performance based system can be achieved when system performance is directly linked to the achievement of goals and targets and allocating resources more efficiently and effectively.

CHAPTER 1

PROJECT OVERVIEW

INTRODUCTION

The Nevada Department of Transportation (NDOT) Performance Management process is guided by State and Federal requirements. The performance management process was initiated in 2007, when the Nevada Revised Statutes (NRS) 408.133 required the Nevada Department of Transportation (NDOT) to develop, maintain, and implement a performance management system to determine realistic project goals, set achievable targets, and allocate resources efficiently to deliver high quality projects and programs for Nevadans.

The major requirements of NRS 408.133 include:

- The goals and objectives of the Department, and the current status of the Department in relation to meeting those goals and objectives;
- Any applicable directives from the Board or Legislature since the most recent report prepared pursuant to this section;
- The scheduling, scope, cost and progress of any current or proposed highway projects;
- The sources, amount and expenditure of any funding received during the immediately preceding fiscal year;
- The rationale used to establish priorities for the completion of highway projects; and
- Any recommendations for amendments to the plan adopted pursuant to subsection 1.

The regulations of the Moving Ahead for Progress in the 21st Century Act (P.L. 112-141), Map-21, also require the States to move towards a true performance based system. The Governor of Nevada, Brian Sandoval, has initiated a performance-based process to help allocate State resources efficiently. NDOT has worked closely with the Governor's staff to align its performance measures with his vision and plan. The NDOT is required to submit the Performance Management Report to the State Legislature and the Transportation Board each year.

The current performance management is a tedious and extremely time consuming process - consuming significant number of hours of the division heads of the major divisions and staff members to provide the performance measures to the Performance Management division staff. This results in additional work load for project managers and a significant time commitment to continue with the performance management system. The current process costs NDOT significant amount of money in terms of duplication of work and time wasted on reporting the performance measures. The current process creates significant burden on the performance analysis division staff to collect, process, and report the data.

To help streamline the performance management process, NDOT retained the services of the University of Nevada, Las Vegas (UNLV) to achieve its performance management goals in an efficient and effective manner and garner increased internal and external support.

PROJECT APPROACH

As part of the major tasks of the project, the UNLV team reviewed existing performance management process at NDOT to understand the existing practices and identify gaps. The team collected and reviewed historical documents, conducted literature review, analyzed the data, met NDOT staff to create strategies for moving forward with the project and received feedback. All

documents from 2007 to 2013 were reviewed thoroughly and regular feedback was received from the NDOT Performance Management division Chief. The team reviewed the requirements of the NRS 408.133 to make sure the new system was in-line with the requirements set forth in that legislation. Under guidance and in consultation with NDOT, the UNLV team also thoroughly reviewed the Moving Ahead for Progress in the 21st Century – MAP 21 guidelines so as to implement a system that is flexible enough to incorporate the changing dynamics of the performance management requirements initiated at the federal level. The team recommended framework for the various groups of performance measures to include all the 15 performance measures, and developed the final report that includes project summary, installation instructions, user's guide, system documentation, and system description. As the implementation of this sophisticated system was a dynamic process, the NDOT Performance Analysis division Chief provided continuous guidance throughout the project and minor changes were incorporated to the tasks to achieve a more refined and robust system for the end user.

The UNLV team met multiple times with the Performance Analysis Division team including Mr. Alauddin Khan and Mr. Dale Lindsey who provided information and a description of the current process and data used to generate the required Performance Measures Report. It was decided to implement a web-based system with the following capabilities for the reporting of performance measures and the development of the required Report. It was recommended to continue reporting the well established 15 performance measures, which are listed below.

As part of the recommendations and implementation framework, the proposed web-based system allows:

1. Division heads and performance measure champions to provide their data for their relevant performance measure (s),

2. The generation of a dashboard for each of the well established 15 major performance measures,
3. The generation of a detail summary of the relevant information for each of the 15 performance measures,
4. To access and display the current status of reports and the upload of information for each of the 15 performance measures, and
5. The generation of an outline of the Reports for those years with completed information.

The outline of the Report(s) must include the dashboards and the detail summary of the relevant information for each of the 15 performance measures. The outline can be generated in a pdf format that could later be saved as a doc or docx document for editing purposes using Adobe Acrobat. The Performance Analysis Division provided historical performance measures information. The corresponding areas of interest for each of the 15 performance measures are listed below:

Administration Division

1. Reduce Work-Place Accidents
2. Provide Employee Training
3. Improve Employee Satisfaction
4. Streamline Agreement Execution Process
5. Improve Customer Outreach/Satisfaction

Planning Division

6. Reduce Congestion on the State System

Operations Division

7. Streamline Project Delivery: Schedule and Estimate from Bid Opening to

- Construction Completion
- 8. Maintain State Roadways
- 9. Maintain State Fleet
- 10. Maintain State Facilities
- 11. Provide Continuity of Business Operations

Engineering Division

- 12. Reduce Fatal Crashes
- 13. Streamline Project Delivery: Schedule And Estimate after NEPA To Bidding
- 14. Maintain State Bridges
- 15. Streamline Permitting Process

The above recommendations were provided for the implementation framework for the entire performance management process. The new performance management system was implemented for the 15 established performance measures as listed below. The data used in the implementation of the tool was used from the previous reports provided by NDOT. Hence, for future reporting purposes, the user to suit his/her can modify the reporting format needs. The UNLV team will be available to provide customer support and help as needed.

CHAPTER 2

INSTALLATION OF PERFORMANCE MEASURES

OVERVIEW

The Performance Measures (PM) application is a data collaboration tool designed to allow members of divisions to enter data directly to the system, create new reports, view current reports, edit past reports, and remove past reports. The back-end is mostly supported by an MS SQL (Microsoft Structured Query Language) database, which contains the historical reports and supporting data. The front-end UI (User Interface) is a web-based application developed with ASP.NET and Visual Basic. It allows the user(s) to create or edit the reports for their division. The PM Application will be deployed as a web-based process on Windows Server 2008. The application was developed using the technologies such as ASP.NET, MVC, Visual Basic, MS SQL, HTML/CSS, JavaScript, and jQuery.

The following steps should be carried out during performance management installation:

- Step 1 - Import database to MS SQL server
- Step 2 - Import Web App to IIS (Internet Information Service) server
- Step 3 - Edit connection strings to connect web app to databases

Step 1 – Import Database to MS SQL 2008

The database import uses two .sql (structured query language) files to generate each database: pmusers.sql and pmapp.sql. These two scripts will run on 2008 MS SQL server to generate the database or data. The only prerequisite required is to create the database with the same name as the .sql filename. For instance, create database with the same name. Click on ‘open file’. Open the .sql file (pmapp.sql) and select the database. Click ‘execute’ (See Figure 1).

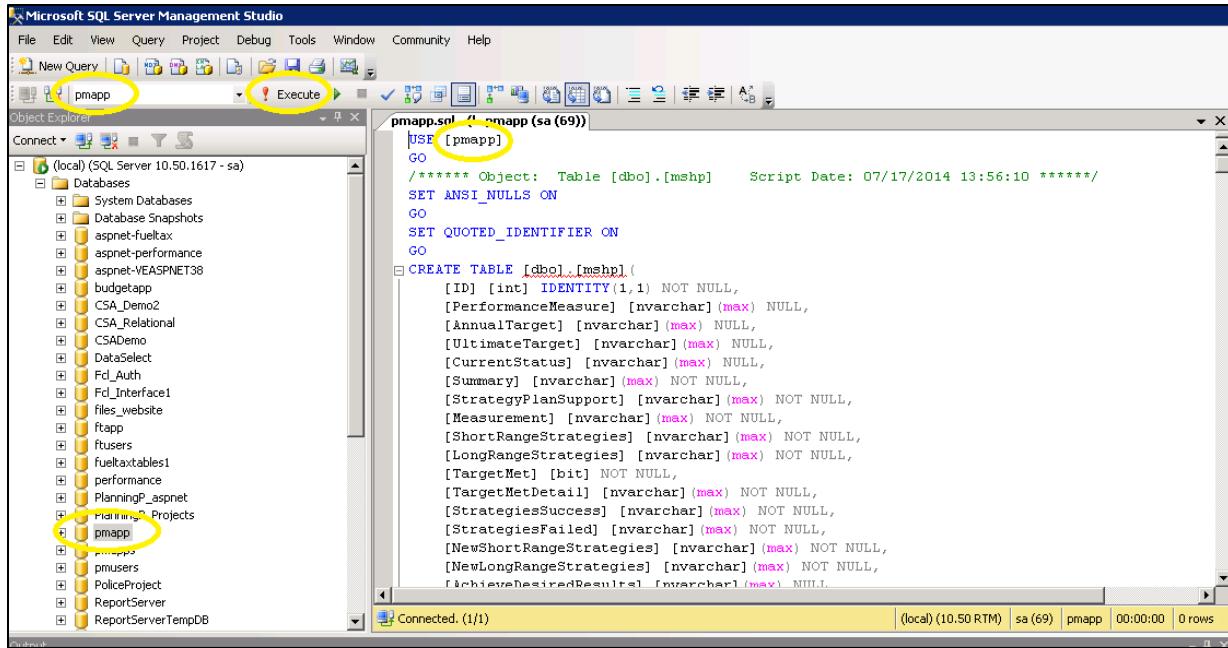


FIGURE 1 Importing Database to MS SQL 2008

Verify that the sql script is executed without errors. Repeat step 1 for the second file name, pmusers.sql. Access rights for the database need to be changed. Therefore, a new username and password should be created for the two databases (or use an existing one). For instance, Figure 2 shows username (performance) and password (Passw0rd) accessing the database. The database in the object folder (e.g. pmapp) is expanded. Expand “Security” and right-click on “Users.” “New User” is selected and finally data reader and data writer properties are selected.

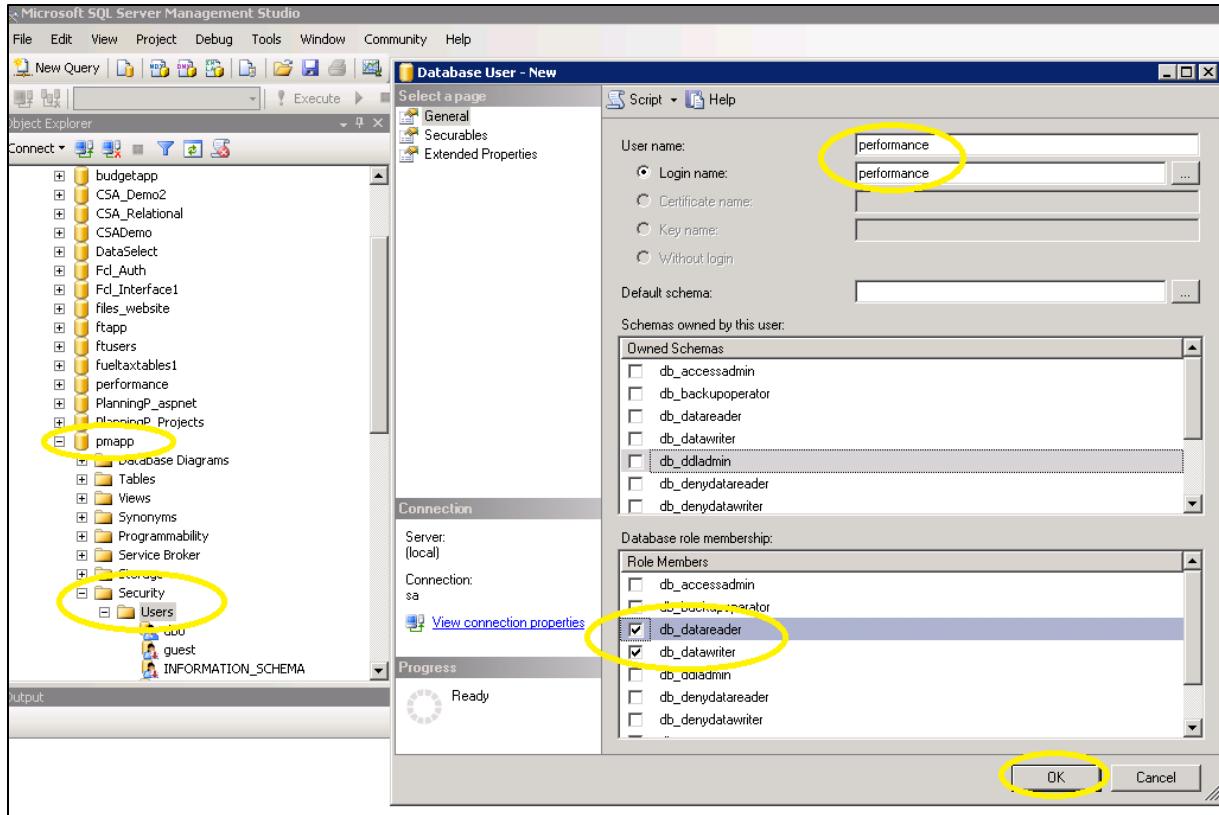


FIGURE 2 New database user access.

Step 2 - Import Web App to IIS server

The following are the steps are necessary in order to import web application to IIS server:

1. Open the IIS Manager by clicking Start > Run and typing inetmgr.
2. In IIS Manager, expand the Server node and the Sites node, and then select the Default Web Site. It is important to install in a different folder. In our test environment, it is installed in the Default Web Site pool.
3. In the right-hand Actions pane, click the Import Application link to launch the packaging wizard.
4. Select the package “PerformanceMeasures.zip”.
5. In the “Install an Application Package” dialog, you will see the application files.

6. On the Parameters page, enter a new application name if desired and enter a SQL connection string. (You can enter the connection string afterwards as described in the next step.)
7. Click Next to install the package
8. The Summary page will provide a high-level overview of some items that were installed from the package. The Details tab will detail exactly what was added.

After the steps are carried out, a pop-up screen will be shown, which states that the application requires APS.NET v4.0 application pool. If prompted to change to ASP.NET v4.0, then 'YES' button should be clicked.

Step 3 - Edit connection strings to connect Web App to Databases

This step describes editing connection strings to connect Web Application to database at backend. It is specific to server/database and it could be a remote server or local. Deployment process was demonstrated using the local server with user: *performance* and password: *Passw0rd*. Connection strings can be edited using the following two options:

1. Edit directly in IIS (Internet Information Service) explorer by clicking on the website. Choose option for CONNECTION STRINGS.
2. Open the web.config file in the website root folder, and replace the “`<connectionStrings>`” tags using below code. The values that are in bold are adapted to this user (Catalog, User ID and Password). For example, the database created in the earlier steps of pmusers and pmapp are used. This is the resulting connection string in the user web.config file.

```

<connectionStrings>
    <add name="DefaultConnection" connectionString="Data Source=(local);Initial
Catalog=pmusers;Integrated Security=False;User
Id=performance;Password=Passw0rd;MultipleActiveResultSets=True"
providerName="System.Data.SqlClient" />
    <add
connectionString="metadata=res://*/Models.PerformanceMeasureDataModel.csdl|res://*/Models
.PerformanceMeasureDataModel.ssdl|res://*/Models.PerformanceMeasureDataModel.msl;provider=System.Data.SqlClient;provider connection string="data source=(local);Initial
Catalog=pmapp;Integrated Security=False;User
Id=performance;Password=Passw0rd;MultipleActiveResultSets=True""'
name="performanceEntities" providerName="System.Data.EntityClient" />
    <add name="DefaultConnection_DatabasePublish"
connectionString="DefaultConnection_DatabasePublish.ConnectionString"
providerName="System.Data.SqlClient" />
</connectionStrings>

```

Once logged in you can add more users. Users' authentication is done through the default Microsoft authentication methods in ASP.Net and Visual Studio. All other users that are not logged in can only view charts and tables on the site but will not be able to access any files or make changes to database. In addition, the provided package to NDOT includes an application manual for the end user.

ADDITIONAL INFORMATION

If the performance management application does not work when trying to log in, the following steps can be taken to resolve the issue. In the package provided to the Nevada Department of Transportation (NDOT), there is a web.config file. This file in the website folder has to be replaced and the <connectionStrings> tags should match the catalog, user ID, and password from the deployed configuration.

By default, the following account has been created and should be used by the Admin(s) to grant access to new users:

“**NDOTAdmin**” (password: “**NDOTpassword**”)

Upon deployment, the individual who will be assigned the “Admin” role for the web application should change the user information for this account associated with the web application’s developer. This was done for allowing the minimal required administrator functionality to be in place.

CHAPTER 3

PERFORMANCE MEASURE USERS GUIDE

PERFORMANCE MANAGEMENT USERS

The performance management users are of four types. They are:

1. The Administrator
2. The Division Director
3. The Division Member
4. The General Public

The administrator is one who creates the user(s), their roles, and input certain information. Figure 4 shows the NDOTAdmin user accounts, where the administrator can edit, delete or change the roles of the users. The administrator also makes sure that the NDOTAdmin does not delete the usernames that end with the word “Director”. These are the accounts that will be notified via email, every time a new report is created. By choosing the “Roles” option for a username, the admin can select the reports that the new user will access as shown in Figure 4.

User Name	First Name	Last Name	Email	
aconlin	Ann	Conlin	aconlin@dot.state.nv.us	Edit Roles Delete
NDOTAdmin	NDOT	NDOT	email@ndot.com	Edit Roles Delete
SAPDirector	SAPv	Director	email@ndot.com	Edit Roles Delete
MSHPDirector	MSHP	Director	email@ndot.com	Edit Roles Delete
RWPADirector	RWPA	Director	email@ndot.com	Edit Roles Delete
PDSEBADirector	PDSEBA	Director	email@ndot.com	Edit Roles Delete
RMTCDirector	RMTC	Director	email@ndot.com	Edit Roles Delete
MSBDirector	MSB	Director	email@ndot.com	Edit Roles Delete
COODirector	Diego	Franco	email@ndot.com	Edit Roles Delete
RPCDirector	RFC	Director	email@ndot.com	Edit Roles Delete
MDPADirector	MDPA	Director	email@ndot.com	Edit Roles Delete
IESDirector	IES	Director	email@ndot.com	Edit Roles Delete
SPPDirector	SPP	Director	email@ndot.com	Edit Roles Delete
ICPODirector	ICPO	Director	email@ndot.com	Edit Roles Delete
kmunoz	Kim	Munoz	kmunoz@dot.state.nv.us	Edit Roles Delete
PETDirector	PET	Director	email@ndot.com	Edit Roles Delete
MDPLDirector	MDPL	Director	email@ndot.com	Edit Roles Delete
SPDBCDirector	SPDBC	Director	email@ndot.com	Edit Roles Delete
SPPUser	SPP	User	email@ndot.com	Edit Roles Delete

FIGURE 3 NDOT admin user accounts.

In order for the application to notify the creation of new report to Directors via email, the admin needs to configure the SMTP credentials. Therefore, the application will communicate with the Nevada Department of Transportation (NDOT) private SMTP server. The administrator can create several accounts and select which will be default. The division is notified to review the newly updated information for his/her division. The division member is one who can either view, create, edit or delete reports from their respective division. The public can only view the completed PM reports.

CREATION OF REPORTS

Users assigned to the specific division roles can create a project within their division. The user will input all relevant data, including supporting documentation for their report, before saving. The action to create a report can be accessed by clicking on the green “Create New Report” button as shown in Figure 5 on the landing page of each division.

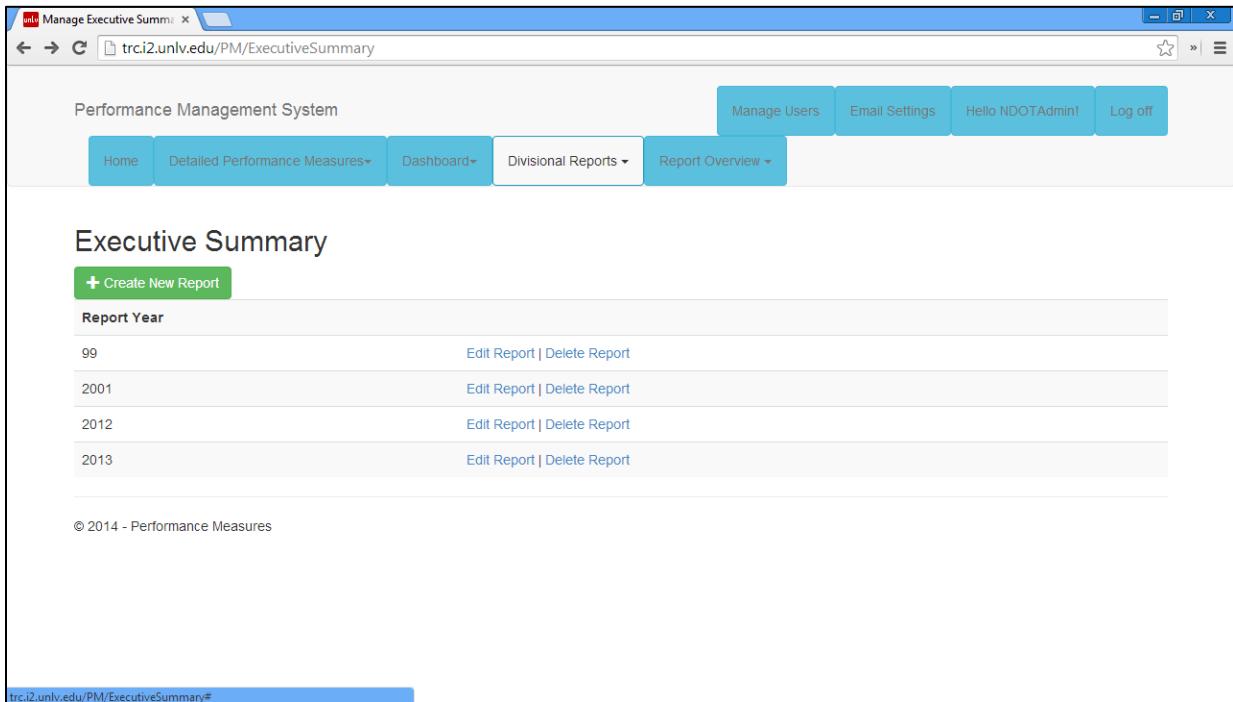


FIGURE 4 Creating new reports.

The report will be generated as a PDF that the users can save to their desktop. The user can create a detailed Performance Measure report and dashboard Performance Measure report for his/her performance measure. The report generated by the Performance Measure application can be viewed when the drop-down button (“Detailed Performance Measures” or “Dashboard”) is clicked. Once a project has all division reports submitted, the complete report can be accessed by choosing the “Report Overview” button and selecting the “Completed Reports” option. To view the reports submitted for each year, “Report Overview” button is chosen and “Current Upload Status” is selected as shown in Figure 6.

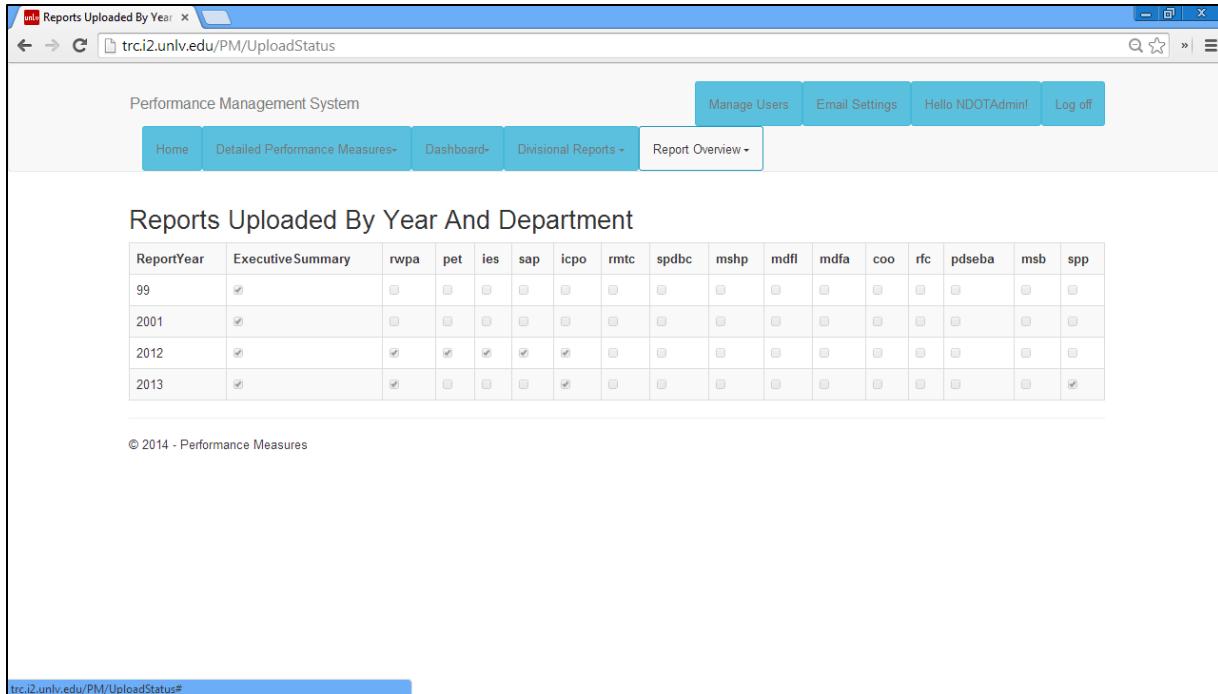


FIGURE 5 Report overview by year.

ADDITIONAL INFORMATION

Additional information related to the report can be added to the appendix. If the user needs to add more appendices to a year where there is existing appendices, the user needs to delete that year and create it again with the files needed as shown in Figure 7.

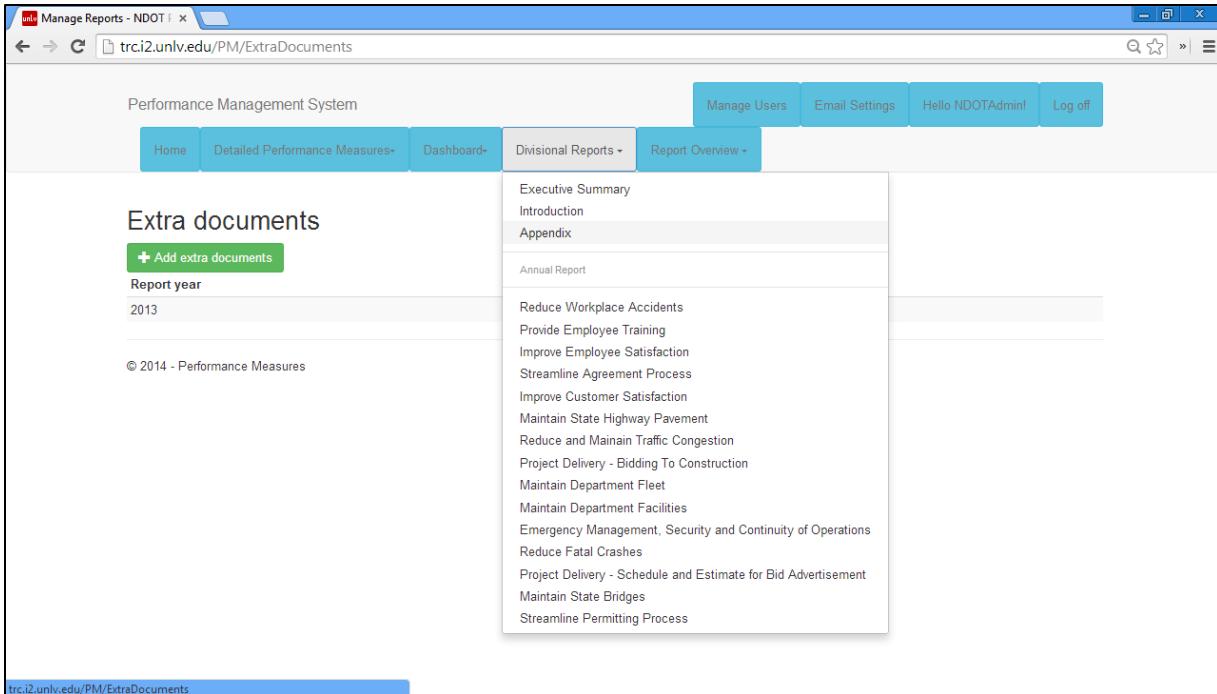


FIGURE 6 Addition of extra documents to appendix

To update the user information, the users can select their user name at the top right side of any page to access the ability to change his/her password (see Figure 8).

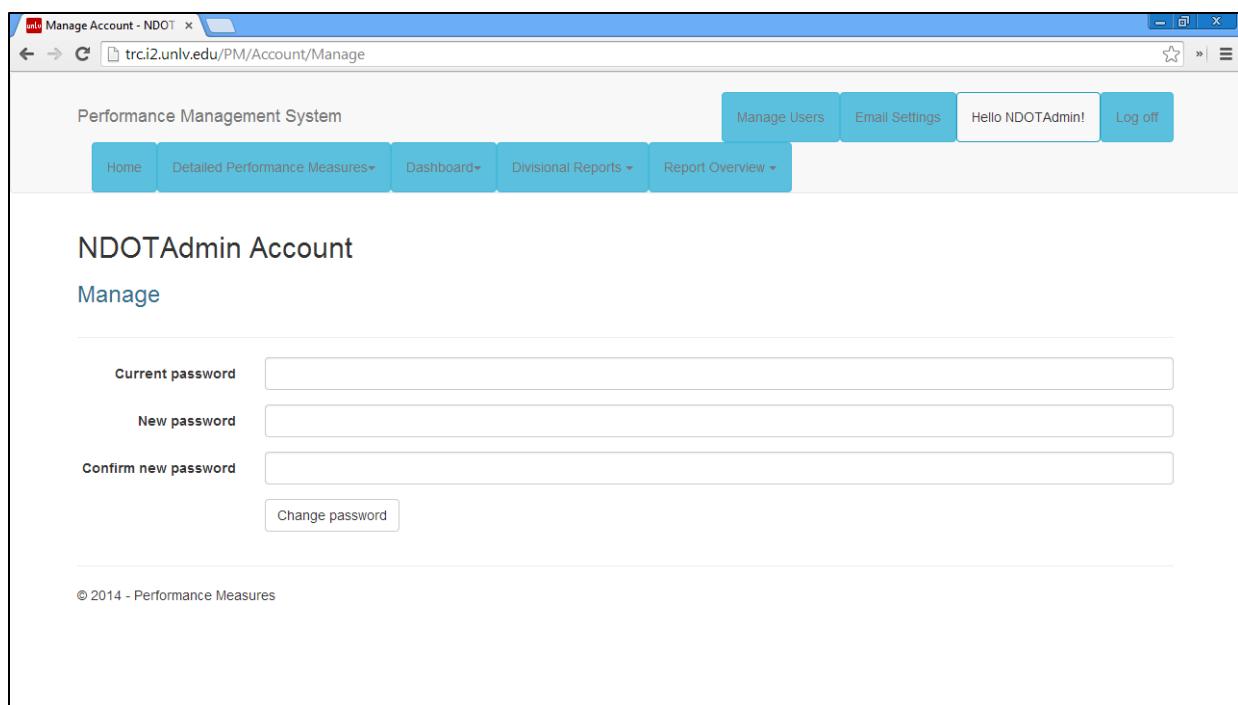


FIGURE 7 Updating user/password information.

CHAPTER 4 SYSTEM DESCRIPTION

(Detail Performance Measures &Dashboards)

The screenshot shows a web-based application titled "Performance Measures M." The main content area displays a detailed performance measure for the year 2012. The page includes a sidebar with navigation links like Home, Log off, and a search bar. The main content is organized into several sections:

- What 'Strategies For Improvement' were unsuccessful? Why?**: A large text box detailing challenges with implementing a learning management system (NDOT Learning Portal) due to resource constraints and training requirements.
- What new 'Strategies for Improvement' will be initiated in FY 2013?**: A section outlining plans to continue outreach efforts, update reporting criteria, and conduct a safety survey.
- Short Range to next reporting:** A list of actions to be taken by the next reporting period.
- Long Range to next reporting:** A list of actions to be taken over a longer period, including developing a safety training matrix and conducting a safety survey.
- Does this performance measure effectively measure what is desired?**: A question with a "Yes" response.
- Is there a better performance measure that should be considered?**: A question with a "To be discussed" response.
- Will meeting the next yearly target have a fiscal impact? If so, explain:**: A note stating there will be no increase to the Safety and Loss Control budget due to proposed measures.

At the bottom right of the form are "Close" and "Save as PDF" buttons.

FIGURE 8(a) Detail performance measure reduced workplace accidents 2012 screenshot 1.

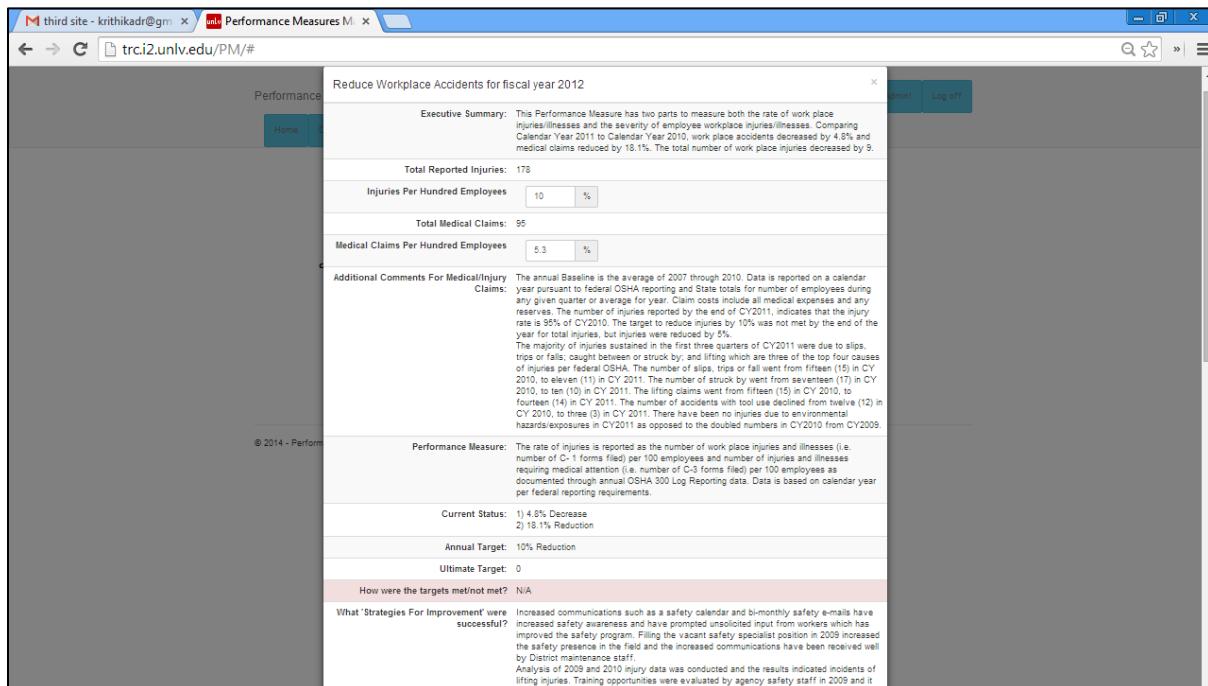


FIGURE 8(b) Detail performance measure reduced workplace accidents 2012 screenshot 2.

The screenshot shows a web-based application titled "Performance Measures M." The main content area displays a form for "Provide Employee Training for fiscal year 2012". The form includes the following fields:

- Executive Summary:** During FY 2012, NDOT provided 723 training sessions for employees with required training. Additionally, many employees participated in voluntary training courses.
- Performance Measure:** Percentage of employees trained in accordance with prescribed training plans and State statute requirements.
- Current Status:** Less than 100% trained.
- Annual Target:** 100% Compliance for all required training.
- How were the targets met/not met?** No. Due to the revision of the legislative requirement for mandatory Supervisory and Management training, we were not able to reach 100% compliance.
- What 'Strategies For Improvement' were successful?** Increasing the number of advertised training events coupled with a broad advertising campaign on the Training Section's SharePoint site, its newsletter and training posters has boosted compliance percentages.
- What 'Strategies For Improvement' were unsuccessful? Why?** The Training Section launched a new Learning Portal that, when fully functional, will send out reminders to employees who are out of compliance with required training. The Learning Portal is still in the process of being implemented.
- What new 'Strategies for Improvement' will be initiated in FY 2013?**
- Short Range to next reporting:**
 - Because of the number of employees who are now out of compliance due to the revised code, the Training Section is scheduling a greater number of training events than is required to reach the goal of 100% compliance and will be doing additional follow-up with employees who are out of compliance.
 - Continue efforts in implementation and use of the NDOT Learning Portal to track compliance and alert employees and their management of individuals who are out of compliance.
 - Additional communication and follow-up efforts by the Training Staff to provide lists of who needs to attend required training.
 - Work to ensure accuracy of individuals who are designated as supervisors and managers in the Learning Portal.

FIGURE 9(a) Detail performance measure provide employee training 2012 screenshot 1.

This screenshot continues the same form from Figure 9(a). The visible fields are:

- Long Range to next reporting:**
 - Improve user friendliness and functionality of NDOT Learning Portal to assist employees, supervisor, managers and training coordinators in tracking training compliance.
 - Implement automatic reminder system in Learning Portal so that employees are given reminders that they need to attend a class.
 - Implement a recognition activity for employees who are in compliance with required training.
- Does this performance measure effectively measure what is desired?** Yes
- Is there a better performance measure that should be considered?** Defensive Driving and Information Security Awareness should be added to the list of classes that are tracked.
- Will meeting the next yearly target have a fiscal impact? If so, explain:** Required training requires travel money, but it is included in the current budget.
- Target for Next Three Fiscal Years:** The average for the eight required classes is 63.5%, with a range from 44% to 85%. The class at 85% is actually the class that has the most difficult targets to meet: all employees, every two years. However, it serves as an indication that with proper follow-up, higher compliance rates should be manageable. Additionally, the list of supervisors is becoming more accurately defined, and this will also assist with improving the compliance rates. The targets for the next three years are:
 - FY13: 75%
 - FY14: 88%
 - FY15: 100%

FIGURE 9(b) Detail performance measure provide employee training 2012 screenshot 2.

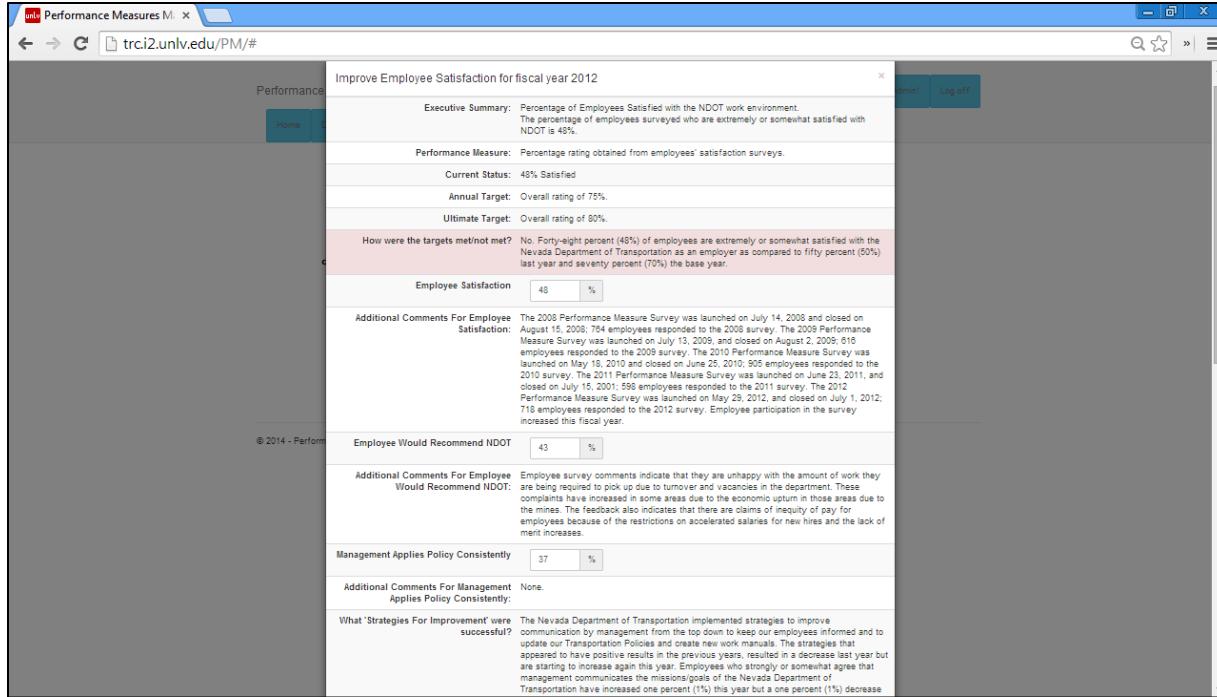


FIGURE 10(a) Detail performance measure improve employee satisfaction 2012 screenshot 1.

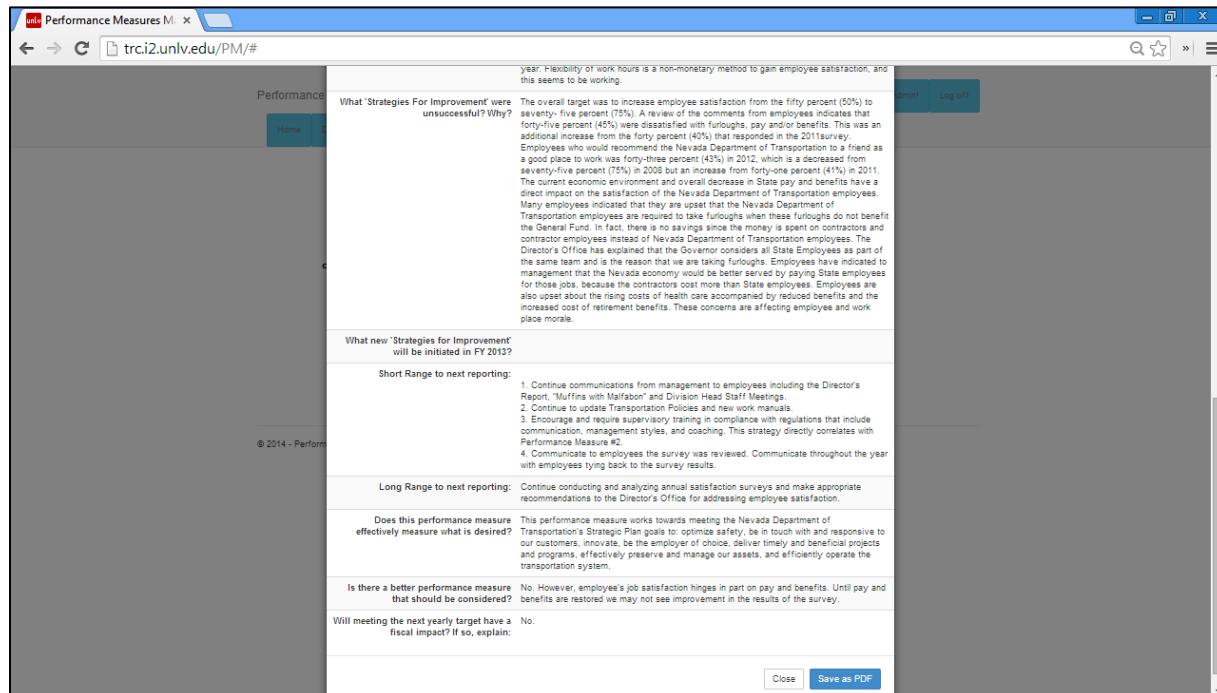


FIGURE 10(b) Detail performance measure improve employee satisfaction 2012 screenshot 2.

The screenshot shows a web-based performance measurement system. The main title is "Streamline Agreement Process for fiscal year 2012". Key data points include:

- Executive Summary:** During FY 2012, NDOT processed 69% of all agreements within 45 days. The total number of agreements processed were 274.
- Performance Measure:** Percentage of Agreements executed within 45 days from when division submits agreement to the date when it is fully executed.
- Current Status:** 69% Processed Within 45 Days
- Annual Target:** 50%
- Ultimate Target:** 95%
- Strategy plan support:** A detailed paragraph explaining the importance of timely agreements for business practices and how it supports the Department of Transportation Strategic Plan goals.
- Summary:** A large block of text detailing the average days from submission to execution across different quarters and types of agreements.

FIGURE 11(a)

Detail performance measure streamline agreement process 2012 screenshot 1.

This screenshot shows a list of questions and their corresponding answers related to the performance measure:

- Short Range to next reporting:** Train new staff and assign divisions to staff. Continue to monitor processing of agreements by tracking the progress on the agreement log. This includes following up if an agreement appears to be in one area for longer than the average time. Continue updating agreement manuals, agreement shells and forms. Conduct additional agreement training for Department staff, consultants, contractors, and local government agencies.
- Long Range to next reporting:** Formally assess the agreement process every three years.
- How were the targets met/not met?** Yes, the yearly target was met as the percentage of agreements processed in less than 45 days was over 50%. But the quarterly target for the last quarter was a less than prior quarters and did not make the quarterly target of 90%.
- What 'Strategies For Improvement' were successful? Why?** Difficult to measure. The agreement tracking log seems to help. It is possible to calculate how long different types of agreements take to process.
- What 'Strategies For Improvement' were unsuccessful? Why?** The average processing time seems to vary mostly by the number of Local Public Agency and RTC agreements.
- What new 'Strategies for Improvement' will be initiated in FY 2013?** We hope to put training materials and manuals on SharePoint after they are updated for new changes. We are assigning divisions to specific Program Officers.
- Short Range to next reporting:** We hope to put training materials and manuals on SharePoint after they are updated for new changes. We are assigning divisions to specific Program Officers.
- Long Range to next reporting:** Continued training.
- Does this performance measure effectively measure what is desired?** Yes.
- Is there a better performance measure that should be considered?** No.
- Will meeting the next yearly target have a fiscal impact? If so, explain:** Unknown.

FIGURE 11(b)

Detail performance measure streamline agreement process 2012 screenshot 2.

The screenshot shows a modal window titled "Improve Customer Satisfaction for fiscal year 2012". The window contains the following sections:

- Executive Summary:** A comprehensive customer satisfaction survey is being developed and will be made available when completed. The data shown is the most recent available from a maintenance customer satisfaction survey which took place between February 2011 and January 2012.
- Performance Measure:** Numerical ratings obtained from public opinion and customer/user surveys.
- Current Status:** A comprehensive customer satisfaction survey will be conducted in 2013. The data presented below is based on 2011 maintenance customer satisfaction survey of Nevada residents conducted by the University of Nevada, Reno, in conjunction with Maintenance and Operations Division. Data collection (phone interviews) took place between February 2011 and January 2012, and the report was issued in June, 2012. Nevada household residents were randomly selected to participate in the survey and were screened to determine their eligibility to participate. Respondents were over the age of 18 and must have driven a motor vehicle in the past month. The results are statistically valid at the 95% confidence level, which means that 95% of the time, the scores will fall within the range indicated. This is typical of most public opinion surveys. In all, there were 1,200 interviews that were completed. According to the weighted data, District 1 represents nearly 75% of Nevada adults in the survey. Smaller numbers 22% represented from District 2 and 3% represented from District 3. Additionally, California and Washington (1%) represent the majority of Nevada adults at the county level. Roughly equal numbers of men (50%) and women (50%) are represented in the study and the largest percentage of adults were between the ages of 45 and 64 (35%).
- Annual Target:** Annual increases in public opinion and customer/user ratings.
- Ultimate Target:** Increases in public opinion and customer/user ratings.
- Was the target met?** Yes
- Overview of Performance Measures:** Public opinion, users (customers) as well as elected officials surveys will assess public information, outreach activities, and how well the Department is performing in the eyes of our customers. It is important to know that we are doing the right things to be transparent, accountable, and efficient. This performance measure works toward meeting the Department of Transportation Strategic Plan goals and to be in touch with our customers.
- Summary of the Survey Results:** The following graphs start with a pie chart showing the customer priority of the activities performed by the Nevada Department of Transportation. The following graphs also show how the public views NDOT's performance on the top three priorities as seen by the public which are our customers. The data for the pie charts showing NDOT's performance came from 2011 Maintenance Customer Satisfaction Survey conducted by The Center for Research and Analysis at the University of Nevada, Reno.

At the bottom right of the modal window are two buttons: "Close" and "Save as PDF".

FIGURE 12 Detail performance measure improve customer satisfaction 2012.

The screenshot shows a modal window titled "Maintain State Highway Pavement for fiscal year 2012". The window contains the following sections:

- Executive Summary:** During FY 2012, NDOT was unable to address the need of categories 1-5 highways.
- Performance Measure:** Percentage of state maintained roadways receiving annual preservation in accordance with the Department's pro-active pavement preservation program.
- Annual Target:** Category 1: 10.0% Category 2: 8.3% Category 3: 8.3% Category 4: 8.7% Category 5: 5.0%
 - \$39 million
 - \$75 million
 - \$71 million
 - \$26 million
 - \$20 million
 - \$295 million annually
- Ultimate Target:** Perform annual rehabilitation as necessary to maintain the existing condition of the roadway network and perform rehabilitation necessary to eliminate the accumulated backlog.
- Strategy Plan Support:** Proactive pavement rehabilitation is the most cost-effective way to use limited funding. Proactive pavement rehabilitation means working on the roads in a timely and economical manner to maintain the roadway network in a desired condition. Reactive pavement rehabilitation means waiting until the pavement has deteriorated past the acceptable level and then removing the failed roadway and reconstructing a new roadway in its place. Being proactive instead of reactive is 4 to 6 times more cost effective in utilizing transportation funding.
- Summary:** This performance measure works towards meeting the Department's Strategic Plan goal to effectively preserve and maintain NDOT's assets.
- Measurement:** The following tables illustrate the efforts of the Department to rehabilitate the network of roadways for which NDOT is responsible. Each table represents one calendar year of information. Rehabilitation needs are calculated on a 2-year cycle to allow time for efficient planning and design of projects. This 2-year cycle is broken down annually for the purpose of reporting this performance measure. Construction of the projects is performed on a yearly basis.
- Current Status:**
 - Category 1: 8.2%
 - Category 2: 8.4%
 - Category 3: 3.2%
 - Category 4: 1.7%
 - Category 5: 0.5%
- Short range to next reporting:**
 - Maintain Category 1 and 2 roadways at a high level of service by applying timely rehabilitation treatments.
 - Maintain Category 3, 4 and 5 roadways at a lower but acceptable level of service by applying rehabilitation treatments as funding allows.

FIGURE 13(a)

Detail performance measure maintain highway pavement 2012 screenshot 1.

The screenshot shows a web-based application titled "Performance Measures M." The main content area displays a detailed report for the year 2012. The report includes sections such as "Long range to next reporting," "How were the targets met/not met?", "What 'Strategies For Improvement' were successful?", "What 'Strategies For Improvement' were unsuccessful? Why?", "What new 'Strategies for Improvement' will be initiated in FY 2013?", "Short range to next reporting," "Long range to next reporting," "Does this performance measure effectively measure what is desired?", "Is there a better performance measure that should be considered?", and "Will meeting the next yearly target have a fiscal impact? If so, explain." The report concludes with a note about under-funding leading to increased backlog and deterioration. At the bottom right, there are "Close" and "Save as PDF" buttons.

FIGURE 13(b) Detail performance measure maintain highway pavement 2012 screenshot 2.

The screenshot shows a web-based application titled "Performance Measures M." The main content area displays a detailed report for the year 2012. The report includes sections such as "Executive Summary," "Performance Measure," "Annual Target," "Ultimate Target," "Current Status," "Summary," and "Strategy Plan Support." The "Executive Summary" notes that NDOT met its goals for a system-wide Congestion Monitoring and Tracking System. The "Performance Measure" section states that urban roadways maintain congestion at Level of Service D for 85% of State urban roadways and rural roadways for 90% of State rural roadways. The "Annual Target" is 1) Urban roadways - 85% at LOS D and 2) Rural roadways - 90% at LOS D. The "Ultimate Target" is to reduce congestion by 1% per year to reach 90% of State urban roadways at LOS D and 95% of State rural roadways at LOS D. The "Current Status" shows 91% of urban roads and 100% of rural roads meeting LOS D. The "Summary" section discusses the development of a monitoring system and the achievement of LOS D or better for 91% of urban roads and 100% of rural roads. The "Strategy Plan Support" section states that this performance measure integrates overall investments into one measure resulting from collaborative efforts.

FIGURE 14(a) Detail performance measure reduce and maintain traffic congestion 2012 screenshot 1.

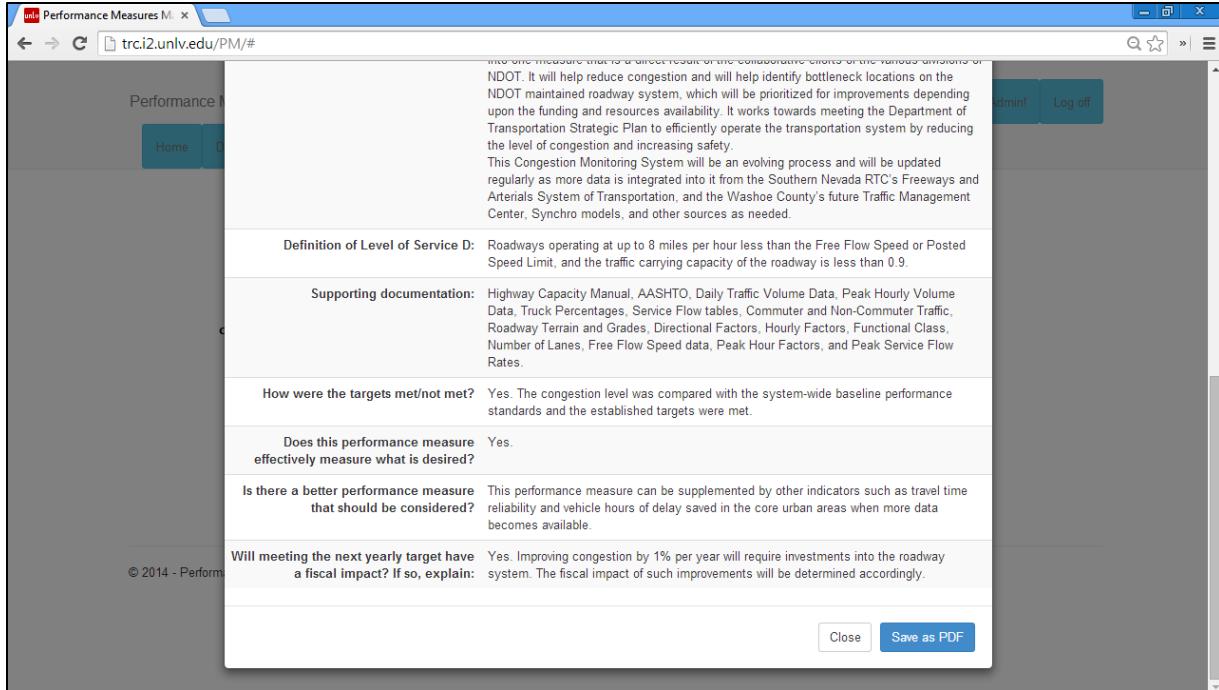


FIGURE 14(b) Detail performance measure reduce and maintain traffic congestion 2012 screenshot 2.

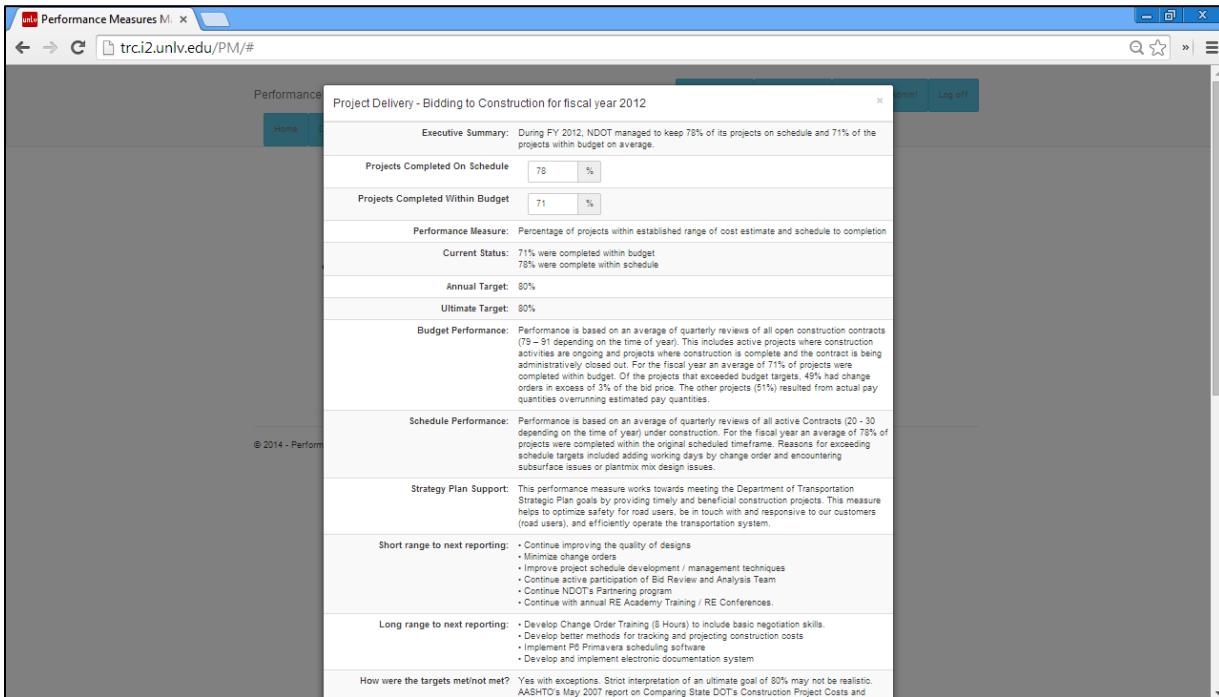


FIGURE 15(a) Detail performance measure project delivery 2012 screenshot 1.

This screenshot shows a detailed performance measure for project delivery in 2012. The page is titled "Performance Measures M." and includes a navigation bar with links for Home, Log off, and Help.

The main content area contains several questions and their answers:

- How were the targets met/not met?**: Yes with exceptions. Strict interpretation of an ultimate goal of 80% may not be realistic. AASHTO's May 2007 report on Comparing State DOT's Construction Project Costs and Schedule Performance reviewed more than 20,500 projects in 20 states between 2001 and 2005. The study indicates states meeting budget performance measures on 46% - 81% of projects depending on how the goal is being measured. The study also indicates that an average construction project is delivered late and over budget. Compared to the AASHTO study NDOT may be doing well in regards budget and schedule performance. NDOT's goal of 80% for both is being studied and will be maintained for the time being.
- What 'Strategies For Improvement' were successful?**: It is difficult to identify a specific short term strategy that was "successful" because measuring budget and schedule performance on a construction project is a somewhat complex process involving many activities, personnel and other factors. Some factors are beyond the control of the NDOT and contractor personnel actively involved in the project (example: market fluctuations in material pricing). Department personnel are actively involved in improving the quality of design, minimizing change orders, enhancing scheduling techniques and partnering with stakeholders on a daily basis as part of our core mission.
- What 'Strategies For Improvement' were unsuccessful? Why?**: See above.
- What new 'Strategies for Improvement' will be initiated in FY 2013?**: None listed.
- Short range to next reporting:**: Staff Accountability: Procedures for upper management reviews of projects with significant cost and schedule overruns will be fine tuned. Methods will be developed to reward strong performers and to address deficiencies.
- Long range to next reporting:**: Contract Closeouts: Efforts are continually ongoing to streamline contract closeouts. NDOT will solicit outside professional help to assist in reviewing our documentation systems and streamline the audit/ closeout process.
- Does this performance measure effectively measure what is desired?**: This performance measure is not a direct measure of NDOT's performance on construction projects due to many factors beyond NDOT's control (increased / decreased competition, market fluctuations in material pricing, etc.). However, time, cost and money are important factors in any construction project and should be measured. We intend on monitoring similar performance measure research at a national level (AASHTO, FHWA, etc...) to refine NDOT's methods and improve performance.
- Is there a better performance measure that should be considered?**: No
- Will meeting the next yearly target have a fiscal impact? If so, explain.**: Monitoring schedule and budget performance can have fiscal impacts related to contractor payments, labor, equipment and material costs, administration costs, roadway maintenance costs, user delay costs, etc... Schedule and budget performance must be monitored to minimize those impacts.

At the bottom right are "Close" and "Save as PDF" buttons.

FIGURE 15(b) Detail performance measure project delivery 2012 screenshot 2.

This screenshot shows a detailed performance measure for maintaining the department fleet. The page is titled "Performance Measures M." and includes a navigation bar with links for Home, Log off, and Help.

The main content area contains several sections and their details:

- Maintain Department Fleet for fiscal year 2012**
- Executive Summary:** During FY 2012, the percentage of the NDOT mobile equipment fleet requiring replacement increased by 3.98% over the prior year. The percentage of the fleet in compliance with preventive maintenance requirements to ensure that the expected life of our vehicles is not compromised increased by 4.44% over the prior year.
- Fleet In Compliance With Condition Criteria:** 69.66 %
- Mobile Equipment In Need Of Replacement:** 52.66 %
- Performance Measure:** There are two performance measures for the maintenance of the Department's fleet of mobile equipment:
 - (A) Percentage of fleet requiring replacement – this measure is the percentage of the fleet that has reached the age or mileage that requires replacement. In Fiscal Year 2010 the Equipment Division initiated a Rebuild Program that extends the life of equipment for an additional life span. Equipment that has reached or exceeded replacement criteria is rebuilt to like-new condition for considerably less than the cost of purchasing new equipment. The Rebuild Program also assists in assuring that NDOT is adequately equipped for its work effort in maintaining public safety.
 - (B) Percentage of fleet in compliance with condition criteria – this measure is the percentage of the fleet that is maintained as per Department preventive maintenance requirements so that the expected life span of our vehicles is not compromised. As the fleet is maintained on the mileage and/or hourly requirements, compliance has been met.
- Current Status:** 1) 3.98% Increase
2) 4.44% Increase
- Annual Target:** (A) Declining Rate of 1% per year
(B) Increasing Rate of 1% per year
- Ultimate Target:** (A) 10%
(B) 95% rate of compliance for mileage/hourly requirements
- Short range to next reporting:**
 - (A) 1. Revise replacement criteria by increasing usage criteria in selected class codes
 - 2. Removing age criteria in other specified class codes.
 - 3. Implement policy controls for equipment replacement
 - (B)
 - 1. Analyze quarterly Preventive Maintenance (PM) due and accomplished on core fleet
 - 2. Develop enforceable policy for non-compliance of PM standards

FIGURE 16(a) Detail performance measure maintain department fleet screenshot 1.

This screenshot shows a web-based application for managing performance measures. The main navigation bar includes 'Home', 'Log off', and a search icon. The left sidebar displays a tree structure under 'Performance Measures' with nodes like 'Fleet', 'Facilities', 'Safety', and 'Other'. The main content area contains several sections:

- Long range to next reporting:** (A) 2. Develop enforceable policy for non-compliance of PM standards
1. Reduce fleet size by usage assessments
2. Minimize retention of replaced vehicles
(B) 1. Perform annual fleet condition audit
2. Develop Predictive Maintenance Program
- How were the targets met/not met?** No on 1. Yes on 2.
- What 'Strategies For Improvement' were successful?** (A) We were successful in minimizing the number of vehicles retained.
(B) We were successful in performing a condition audit of the fleet which identified vehicles that needed further attention.
- What 'Strategies For Improvement' were unsuccessful? Why?** (A) Strategies to reduce replacement deficit were detrimentally effected from a loss of funds.
(B) Unable to develop a Predictive Maintenance Program due to lack of available personnel.
- What new 'Strategies for Improvement' will be initiated in FY 2013?**
- Short range to next reporting:** (A) Attempt to rebuild more units.
(B) Improve notification process for timely preventive maintenance.
- Long range to next reporting:** (A) Reduce fleet size through utilization assessments.
(B) Develop Predictive Maintenance Program.
- Does this performance measure effectively measure what is desired?** Yes.
- Is there a better performance measure that should be considered?** No.
- Will meeting the next yearly target have a fiscal impact? If so, explain:** (A) Yes – Meeting the target will require substantial use of funds.
(B) Yes – Meeting the target extends the life of the vehicle while ensuring the safety and reliability of the fleet, thus reducing the need to utilize funds for repairs and replacements.

Buttons at the bottom include 'Close' and 'Save as PDF'.

FIGURE 16(b) Detail performance measure maintain department fleet screenshot 2.

This screenshot shows a detailed view of a performance measure for maintaining department facilities. The top navigation bar and sidebar are identical to Figure 16(b). The main content area includes:

- Facilities Conditions Up To Code:** 87 %
- Executive Summary:** During FY 2012, NDOT changed the performance measure to focus on facility assessment and priority facility work completed instead of regulatory code compliance.
- Performance Measure:** Percent of facility assessments completed and percent of priority facilities work completed.
- Current Status:** 1% Decrease over prior year.
- Annual Target:** 3% Annual increase.
- Ultimate Target:** 100%
- Summary:** The 2012 Assessment Study provides data on categories such as Fire Sprinklers, Roofing, Painting, ADA, Mechanical systems, Building Code, Energy Conservation, and Tenant Improvements. This data is arranged so that we can plan and measure the progress toward maintaining these elements in an effective manner.
- Short range to next reporting:** Examine the new Assessment Study by GML Architects that will be complete by September 2012 and incorporate the building assessments into the new method of calculating PM#10. The new method of calculating PM#10 will capture all the elements of our work and will be more useful and successful for prioritizing projects.
- Long range to next reporting:** The expanded categories for calculating this performance measure will aid us to develop a defined work plan with prioritized projects, tied to Architecture's budget for successful accomplishment of goals and objectives.
- How were the targets met/not met?** No. (0% change of performance measure – see old spread sheets for D1, D2 & D3)
No change was made because completed items that are accounted for in the old spreadsheet (old method of calculation) are too small to measure a % change.
Work completed since last report - Consultant T.O.'s for (which will impact the % once advertised):
1. HQ Lab Building Fire Alarm Report,
2. HQ 2nd & 3rd floor sprinkler drawings,
3. Disconnect switch upgrades at fuel pumps, and
4. Fire sprinkler the East Annex.
- What 'Strategies For Improvement' were successful?** The development of a new method of calculating PM#10 which incorporates everything we do (the old method only included selected code elements such as the fire sprinklers and electrical items included in the 2005 Facility Assessment Report). The new method will

FIGURE 17(a) Detail performance measure maintain department facilities 2012 screenshot 1.

The screenshot shows a web-based application titled "Performance Measures M" from the URL "trci2.unlv.edu/PM/#". The main content area displays a form for a specific performance measure. At the top, it says "4. Fire sprinkler the East Annex." Below this, there are several sections with questions and their answers:

- What 'Strategies For Improvement' were successful?** The answer describes the development of a new method of calculating PM#10 which incorporates everything we do (the old method only included selected code elements such as fire sprinklers and electrical items included in the 2005 Facility Assessment Report). The new method will utilize the 2012 Assessment Study that provides data on categories such as Fire Sprinklers, Roofing, Painting, ADA, Mechanical systems, Building Code, Energy Conservation and Tenant Improvements. It also has additional elements such as Environmental (wash pads, storm drains, etc.), Remodels/ Additions and Tenant Improvements. This data will be used to measure the progress toward maintaining our facilities in an effective manner.
- What 'Strategies For Improvement' were unsuccessful? Why?** The answer states that the old method of calculating this performance measure was limited in scope and the items were difficult to track. There were many items of work that were not captured when measuring our performance. It did not provide meaningful and easily identifiable elements that could be tracked to show improvement or lack of improvement.
- What new 'Strategies for Improvement' will be initiated in FY 2013?** The answer is "The new method will be set up to be a 'living document' allowing staff to input data and monitor the progress of improving our facilities. Items will be easier to track."
- Short range to next reporting:** Incorporate data from the building assessments into the new PM #10. Identify meaningful elements that can be tracked to show improvement or lack of improvement.
- Long range to next reporting:** Defining a work plan with prioritized projects and tying the work plan to Architecture's budget. This will be used as a roadmap for successful accomplishment of goals and objectives.
- Does this performance measure effectively measure what is desired?** Yes.
- Is there a better performance measure that should be considered?** No.
- Will meeting the next yearly target have a fiscal impact? If so, explain:** After we evaluate the details of the new PM#10 we will decide on new target numbers and establish a new benchmark and yearly target.

At the bottom right of the form are "Close" and "Save as PDF" buttons.

FIGURE 17(b) Detail performance measure maintain department facilities 2012 screenshot 2.

The screenshot shows a web-based application titled "Performance Measures M" from the URL "trci2.unlv.edu/PM/#". The main content area displays a form for a specific performance measure. At the top, it says "Emergency Management, Security and Continuity of Operations for fiscal year 2012". Below this, there are several sections with information:

- Executive Summary:** During FY 2012, we focused on exercising and updating our Emergency Operations and Security Plans. With seven distinct emergency plans, we have determined that it is beneficial to the Department to combine several plans. This will make it easier for Department personnel to locate, use and understand the plans. Our performance measures require us to train, exercise and update our Emergency Operations and Security Plans on a two year cycle. We are at a 86.46% compliance level, which did meet our goal for the year of 85% compliance.
- Percent Completion:** 86.46 %
- Performance Measure:** Percent of emergency plans that have been completed, training and education have been provided to appropriate personnel, the plans have been tested and exercised and the plan has been updated to accommodate changes in departmental processes, federal guidelines, etc. Training and updates should be completed on a biennial basis. Plans include:
 - Continuity of Operations Plan
 - State Level Emergency Operations Plan
 - District Level Emergency Operations Plan
 - Southern Nevada Evacuation Plan
 - Infrastructure Security Plan
 - Mobile Fleet Security Plan
- Current Status:** 86.46% Compliance
- Annual Target:** 85%
- Ultimate Target:** 100%
- Strategy Plan Support:** NDOT's emergency plans provide clear guidance on how NDOT will continue to perform critical functions and operations in the event of an emergency or disaster. Being prepared and ready for an emergency is paramount for keeping systems operating during such times, as well as being in a position to respond to health and safety issues. This performance measure works towards meeting the Department of Transportation Strategic Plan goals to:
 - Optimize Safety
 - Be in touch with and responsive to our customers
 - Innovate
 - Deliver timely and beneficial projects and programs
 - Effectively preserve and manage our assets
 - Efficiently operate the transportation system
- Summary:** The Continuity of Operations Plan (COOP) project continues to move forward and is progressing nicely. SAIC (Science Applications International Corporation) our contractor

FIGURE 18(a) Detail performance measure emergency management, security and continuity of operations 2012 screenshot 1.

This screenshot shows a web-based performance management system. The URL is trci2.unlv.edu/PM/#. The page title is "Performance". On the left, there's a sidebar with "Performance" and "Home" buttons. The main content area contains several sections of text, each with a bolded question followed by a detailed answer.

- Training:** During this year we provided training to both headquarters and district personnel on the State Level and district level Emergency Operations Plan. Training was provided to headquarters personnel who are assigned to specific units within the NDOT EOC structure regarding their roles in the NDOT EOC. Training was provided to District 1 on the overall structure and function of the NDOT EOC. Various NDOT division and district staff attended training provided by other agencies, such as the Division of Emergency Management and FEMA.
- Exercises:** The Maintenance and Operations Division-Security/Emergency Management Section conduct two emergency exercises each year. Exercises conducted by NDOT within the last fiscal year were held in July 2010 (Improvised Nuclear Device), April 2011 (Nevada Viper/Sidewinder 11 and Operation Safe Route), and June 2010 (District 1 Workshop). These exercises were used to evaluate the NDOT State Level Emergency Operations Plan and the District Level Emergency Operations Plan. Each exercise resulted in the creation of an After Action Report/Improvement Plan which was used to update the exercised plan. NDOT personnel also attended several exercises conducted by other agencies to coordinate NDOT response.
- Short range to next reporting:** Branch Table Top Exercises continued through July of 2012. These exercises will assist the Branches with understanding their roles at the NDOT EOC. NDOT is also participating in a National Guard exercise (Joint Endeavor) in August. In February of 2013, a functional exercise is being assembled to once again activate the NDOT Emergency Operations Center and provide training and experience for the NDOT EOC personnel. This exercise will include a shift change during the course of activation.
- Long range to next reporting:** Exercises will continue to be held at least twice each year, with the After Action Reports being used to update our Emergency Operations and Security plans. Training will be held

FIGURE 18(b)

Detail performance measure emergency management, security, and continuity of operations 2012 screenshot 2.

This screenshot shows a continuation of the performance management system. The URL is trci2.unlv.edu/PM/#. The page title is "Performance". The main content area contains several sections of text, each with a bolded question followed by a detailed answer.

- How were the targets met/not met?** Yes.
- What 'Strategies For Improvement' were successful?** Conducting exercises successfully tests and provides training for NDOT personnel on disaster response activities. It also provides valuable feedback needed to update our plans and procedures. Regular exercises will remain a fundamental part of our strategy. Training is also being supplied to the Districts at an accelerated pace based on their requests and feedback received from the exercises.
- What 'Strategies For Improvement' were unsuccessful? Why?** After evaluating the tasks required to attain our FY12 goals, we realized our workload exceeds our staffing resources. It required more time than we originally estimated to obtain a contractor to assist with the development of the NDOT Continuity of Operations Plan, and have had to revise our estimated time for 100% compliance in December 2012.
- What new 'Strategies for Improvement' will be initiated in FY 2013?**
- Short range to next reporting:** The strategies implemented to date have been successful in achieving our performance measures. We will continue to combine Emergency Operations and Security plans as much as possible to reduce the number of plans to be exercised and updated.
- Long range to next reporting:** We have hired a contractor to assist with the Continuity of Operations Plan (COOP) for the Department. This will move us forward toward our new FY13 goal of 100% completion on our Performance Measures by December 31st, 2012.
- Does this performance measure effectively measure what is desired?** Yes.
- Is there a better performance measure that should be considered?** This Performance Measure will be revised to reflect the merging of separate plans. The Mobile Fleet Security Plan has already been incorporated into the Facility and Infrastructure Security Plan. The Continuity of Operations Plan is being written in a manner that will allow for inclusion into the NDOT State Level Emergency Operations Plan. The District Level Emergency Operations Plan and the Southern Nevada Evacuation Plan are to be merged into the State Level Emergency Operations Plan as well.
- Will meeting the next yearly target have a fiscal impact? If so, explain:** No fiscal impact is anticipated.

FIGURE 18(c)

Detail performance measure emergency management, security, and continuity of operations 2012 screenshot 3.

The screenshot shows a web-based application titled "Performance Measures M" with the URL "trci2.unlv.edu/PM/#". The main content area is titled "Reduce Fatal Crashes for fiscal year 2012".

Executive Summary: During FY 2012, NDOT continued to work with our partners to implement the strategies of the Strategic Highway Safety Plan. There were 150 fatalities in 2012 in Nevada as of August 1, 2012.

Total Fatalities: 150

Cost of A Life: \$ 5000000

Performance Measure: Number of fatalities on Nevada's streets and highways.

Current Status: 11.4% Reduction in the 5-year rolling average

Annual Target: Average annual decrease of the five-year rolling average by 3.1% resulting in halving traffic fatalities and serious injuries by 2030.

Ultimate Target: Zero

Short range to next reporting:

- Continue the State's five-year Strategic Highway Safety Plan (SHSP) implementation.
- Promote Zero Fatalities to the public (the fifth E of safety, everyone)
- www.zerofatalitiesnv.com website • Media
- Grassroots Marketing
 - Safety Summit November 7-8 Las Vegas
 - Continue to invest NDOT's safety funds on strategies identified in the SHSP
 - ??
 - ?
 - .
 - ?
 - ??
 - .
- Implement cost effective improvements to keep vehicles in their lane Analyze crash data to locate sites with a high number of run-off-road crashes and install shoulder and centerline rumble strips
- Expand the systemic safety program beyond centerline rumble strips
- Flashing Yellow Arrows

FIGURE 19(a) Detail performance measure reduce fatal crashes 2012 screenshot 1.

The screenshot shows the same web-based application and detail page as Figure 19(a).

What 'Strategies For Improvement' were successful? NDOT has been targeting run-off-the-road crashes and has found success by coordinating safety improvements with NDOT roadway projects by (a) incorporating median cable barrier into NDOT projects currently under design (b) identifying safety improvements in the planning process through NDOT's Road Safety Audit program and (c) identifying slope flattening locations for future projects (d) the Department adopting the use of the "safety edge" as a standard practice. The Department has established a Traffic Incident Management (TIM) program in cooperation with Southern Nevada RTC, Nevada Highway Patrol and emergency responders to efficiently manage traffic crashes in the Las Vegas area. The TIM program is now underway in northern Nevada. Safety messages are now being coordinated statewide through the SHSP Strategic Communications Alliance (SCA). Safety partners throughout the state now have a messaging calendar so each partner will be speaking about the same issue at the same time, thereby amplifying the message.

What 'Strategies For Improvement' were unsuccessful? Why? In general, strategies implemented by NDOT and our safety partners appear to be effective in reducing the number of fatalities. Two strategies, primary seatbelts and automated enforcement were not approved by the legislature in 2011 and therefore cannot be implemented as identified in the SHSP. Staffing resources at all agencies are always a challenge, with more staffing resources available, strategies for improvement would be more quickly, comprehensively, and effectively implemented.

FIGURE 19(b) Detail performance measure reduce fatal crashes 2012 screenshot 2.

The screenshot shows a web-based application titled "Performance Measures M" from the URL trci2.unlv.edu/PM/#. The main content area displays a table with five rows, each containing a question and its corresponding answer. The questions are:

- What new 'Strategies for Improvement' will be initiated in FY 2013?**
- Short range to next reporting:** Given the relatively short duration for implementation of our low cost engineering strategies, the Safety Division does not contemplate revising our short term strategies. We will continue to implement strategies identified in the Strategic Highway Safety Plan and work closely with our safety partners to continue to reduce the frequency of fatal crashes.
- Long range to next reporting:** Implement the updated Nevada Strategic Highway Safety plan's strategies, many of which may be short term for specific locations, but long term for their aggregate effect of implementing them in enough locations to drive down the fatal and injury numbers. Those improvements as noted above that are provided to NDOT Planning and those for our five-year project list (such as slope flattening) will take a longer timeframe for realization. Two new initiatives are contemplated to begin this FY. Safety capacity building and bringing safety analysis into NDOT project planning as a quantitative measure, as also noted above are anticipated.
- Does this performance measure effectively measure what is desired?** No. This measure is an indicator of how the entire State is performing in regards to reducing traffic fatalities. Approximately half of traffic fatalities do not occur on NDOT maintained roadways. The Department cannot achieve the goal without the cooperation and assistance of our partners in the areas of law enforcement, education, emergency medical response and other local agencies.
- Is there a better performance measure that should be considered?** Yes. If the desire is to measure the NDOT performance then a measure more closely aligned to our program and that can be directly influenced by this Department should be considered.

At the bottom right of the table are two buttons: "Close" and "Save as PDF".

FIGURE 19(c) Detail performance measure reduce fatal crashes 2012 screenshot 3.

The screenshot shows a web-based application titled "Project Delivery - Schedule and Estimate for Bid Advertisement for fiscal year 2012" from the URL trci2.unlv.edu/PM/#. The main content area displays a table with several sections of data. The sections include:

- Executive Summary:** The new performance measure has been established as the percentage of scheduled projects advertised within the reporting year and the percentage of scheduled projects within the established construction cost estimate range.
- Current Status:** 27.7% Scheduled projects delivered within established range.
- Scheduled Projects:** 62
- Unscheduled Projects:** 15
- Projects Carried Over:** 23
- Projects Completed On Schedule:** 22 %
- Projects Completed Within Budget:** 45 %
- Performance Measure:** This performance measure was changed from the previous measure. The previous performance measure only reported on major projects managed by the Project Management Division of the Department which represent a small portion of the Department's overall program. The performance measure was modified to incorporate the majority of projects advertised by the Department. Contracts handled through the districts and maintenance sections were not included as they are developed through a separate process than typical transportation project. Capital improvement projects completed by the Architecture Division were also excluded from this performance measure. The new performance measure has been established as the percentage of scheduled projects advertised within the reporting year and the percentage of scheduled projects within the established construction cost estimate range. The list of scheduled projects was established early during the reporting period. The established construction cost estimate range was established at the same time and is +/- 15% of the engineer's estimate of construction costs.
- Annual Target:** 70%

FIGURE 20(a) Detail performance measure project delivery- schedule and estimate 2012 screenshot 1.

The screenshot shows a web-based performance management system. At the top, there's a header bar with a logo, the URL 'trci2.unlv.edu/PM/#', and navigation icons. Below the header, a sidebar on the left says 'Performance' and 'Home'. The main content area has several sections:

- Ultimate Target:** 80%
- Strategy Plan Support:** This performance measure works towards meeting the Department of Transportation Strategic Plan goals by providing timely and beneficial construction projects. This measure helps to optimize safety for road users, be in touch with and responsive to our customers, and efficiently operate the transportation system.
- Project Delivery Data:** 22 projects were identified for delivery at the beginning of the reporting period. Over the course of the reporting period, 40 projects were actually delivered. 11 of those projects were part of the original established list. 29 projects were not scheduled and/or identified at the beginning of the reporting period. 7 of the 29 projects were projects carried forward from the previous reporting period. Of the 29 unscheduled projects, 4 projects were part of the Department's Accelerated Project Delivery Program. 1 project was delivered under the Contract Manager at Risk (CMAR) delivery method with an accelerated delivery process. 3 projects included work that was planned under a scheduled project but was broken out either to better accommodate the construction activities of the scheduled project or because of funding issues.
- How were the targets met/not met?** Neither the delivery nor cost estimate targets were met this year. The lack of funding contributed to our failure to meet the delivery target as 6 of the scheduled projects, representing 27% of the projects, were not advertised due to lack of funds. Had the funding been available, the 6 projects would have been advertised, resulting in 77% performance rate. In addition, the change in the performance measure caused confusion over what was being reported. The confusion caused errors in the list of scheduled projects; as a result 11 projects that were delivered during the reporting period were not among the list. Adding those projects alone would have resulted in a 67% performance rate. The cost estimate target was not met either. There was some discrepancy over the costs that were being used. Most of the estimate ranges established as the target were set using cost estimates listed in the Project Schedule and Management System (PSAMS). The costs listed in PSAMS include the construction bid item costs, auxiliary items, contingency and construction engineering. In some cases, the apparent low-bidder's cost was compared to the PSAMS cost to determine if the target had been met. However, the apparent low-bidder's cost does not include many of the other costs included in PSAMS. While this may not be the only reason for failing to meet the target, it definitely affected it. Another reason that the cost estimate target was not met is that several of the project estimates were not updated in PSAMS. Or bid item costs were revised to reflect effects of quantities, location or difficulty on the prices much later in the project development.
- What new 'Strategies for Improvement' will be initiated in FY 2013?**

FIGURE 20(b) Detail performance measure project delivery- schedule and estimate 2012 screenshot 2.

This screenshot continues the performance management system interface. It shows a large central panel with several questions and their answers:

- What new 'Strategies for Improvement' will be initiated in FY 2013?** This section lists two ranges of strategies:
 - Short range to next reporting:**
 - Document reporting criteria
 - Establish consistent construction project cost estimate elements for cost comparison
 - Coordinate with all impacted divisions to establish list early
 - Continue working with impacted divisions on establishing the 5 year plan
 - Identify projects earlier
 - Prioritize projects for resource management
 - Prioritize projects to meet funding levels
 - Monitor project progress through monthly status meetings to identify and address risks to schedule
 - Coordinate with all impacted divisions to verify project cost estimates early
 - Coordinate with all impacted divisions to have PSAMS data updated
 - Long range to next reporting:**
 - Review contingency and risk factors and evaluate impacts to project cost estimates
 - Standardize contingency and risk factors
 - Establish process for early price checks of project cost estimates
 - Use Scoping effort to improve scope of work, estimate and schedule of projects
 - Incorporate planning and environmental efforts into project development
 - Use the 5 year plan to
 - Identify projects earlier
 - Prioritize projects for resource management
 - Prioritize projects to meet funding levels
- Does this performance measure effectively measure what is desired?** The answer is: The performance measure provides a measure of how well we are doing at producing projects within the year. It does not identify where the issues are. However, the documentation done during the tracking of the performance measure should help identify where there are issues in the process. From there, the Department can develop and/or modify processes or procedures to improve those areas. The performance measure can then be used to evaluate the effectiveness of the changes.
- Is there a better performance measure that should be considered?** The answer is: There does not appear to be a better performance measure at this time.
- Will meeting the next yearly target have a fiscal impact? If so, explain:** The answer is: Yes. We can produce more projects than can be funded.

At the bottom right of the panel are 'Close' and 'Save as PDF' buttons.

FIGURE 20(c) Detail performance measure project delivery- schedule and estimate 2012 screenshot 3.

The screenshot shows a web browser window with the URL trci2.unlv.edu/PM/#. The main content area displays a detailed performance measure for maintaining state bridges. The title is "Maintain State Bridges for fiscal year 2012". Key sections include:

- Executive Summary:** States that during FY 2012, NDOT plans replacing no bridge which is structurally deficient or functionally obsolete.
- Structurally Deficient:** Value: 18. Description: The inventory rating denotes the strength of the bridge compared to design-truck loading. Structures with low condition or inventory ratings are classified as "structurally deficient." The structurally deficient bridges are not necessarily about to fail. Rather, these bridges become a priority for corrective measures and may be posted to restrict vehicle weights.
- Functionally Obsolete:** Value: 24. Description: The appraisal rating measures how well the bridge serves the public or its functionality. Included in the appraisal rating are reviews of the deck geometry, under-bridge clearance, waterway adequacy, and approach geometry. Within the appraisal rating, a substandard structure is termed "functionally obsolete." Like structurally deficient bridges, functionally obsolete bridges are able to serve the traveling public. However, functionally obsolete bridges are subjected to more congestion, costs, or flooding because of the restrictive clearances and geometries. Although functionally obsolete bridges are not as great a concern as structurally deficient bridges, these bridges can also become a priority for corrective measures and may be posted for vehicle size restrictions.
- Performance Measure:** Number of Department-owned bridges which are eligible for federal funding and are categorized as Structurally Deficient (SD) or Functionally Obsolete (FO).
- Annual Target:** Replace or rehabilitate at least one Department-owned SD or FO Bridge annually. The goal is evaluated based on the contracts awarded in a given calendar year.
- Ultimate Target:** Zero.
- Strategy Plan Support:** Describes the performance measure's role in the Department of Transportation Strategic Plan goals to Optimize safety, improve, Deliver timely and beneficial projects and programs, and effectively preserve and manage our assets. It states that the measure will help in the following ways: Safety for the motoring public will be optimized by replacing structurally deficient and rehabilitating functionally obsolete bridges. The Bridge Division will seek and implement innovative solutions to the challenges faced by the Bridge Program. The Division will deliver timely and beneficial bridge projects and programs. Meeting this performance measure will help effectively preserve and manage Department assets.
- Summary:** Base figure is 37 of 1,045 bridges (State Highway Preservation Report - 2007). Eligibility and priority for funding projects under the Bridge Program are based on a bridge's Sufficiency Rating. The Sufficiency Rating is a numerical assessment of a bridge's serviceability and is based on concrete, aggregate, asphalt, and inventories data. Its value varies from 0 to 100, with 100 representing no deficiencies. A bridge is eligible for replacement when its Sufficiency Rating is less than 50 and is eligible for rehabilitation when its Sufficiency Rating is less than or equal to 80. In addition, meeting the Sufficiency Rating requirement, a bridge must also be classified as either Structurally Deficient or Functionally Obsolete. A bridge is considered Structurally Deficient when key elements reach an established level of deterioration. A bridge is considered Functionally Obsolete when it no longer adequately serves either the road it carries or the under crossing route.

FIGURE 21(a) Detail performance measure maintain state bridge 2012 screenshot 1.

This screenshot shows the same performance measure page as Figure 21(a), but with several sections expanded to show more detail:

- Current Status:** Zero bridges replaced. Target not met.
- Short range to next reporting:** Evaluate programmed projects for possible preservation actions, corrective maintenance and risk reduction activities and include these activities into project scope as appropriate. NDOT Bridge Division provides information regarding state bridge policies and practices to local agencies in order to cooperate with and assist them.
- Long range to next reporting:** Perform bridge rehabilitation and replacement as allowed under the Highway Bridge Program. Continue to utilize preventative strategies to extend performance and serve capability of existing structures and cause degradation. These long range reports such as deck repair/replacement, deck overlays, replacement of bridge joints, fatigue crack repair and repainting of steel structures. Maintain seismic retrofit program and scour mitigation program to minimize risks from these extreme events. Seek additional funds to reduce the time frame of eliminating structurally deficient or functionally obsolete bridges. This will take at least 37 years at current funding level, based on the current number of Deficient bridges. At current funding levels, as time frame will increase as Nevada's bridges age and the number of bridges categorized as structurally deficient or functionally obsolete increases.
- How were the targets met/not met?** No.
- What 'Strategies For Improvement' were successful? Why?** The current strategies have had mixed success when considering the annual goal established in October 2010. Originally, the goal of replacing/rehabilitating 1 bridge biennially was successful.
- What 'Strategies For Improvement' were unsuccessful? Why?** N/A
- What new 'Strategies for Improvement' will be initiated in FY 2012?**
- Short range to next reporting:** Additional short range strategies beyond those stated have not been identified.
- Long range to next reporting:** Additional long range strategies beyond those stated have not been identified.
- Does this performance measure effectively measure what is desired?** Yes. The performance measure does allow tracking of the state owned SD/FO bridges.
- Is there a better performance measure that should be considered?** No. Use of a percentage based measurement (as some states use) was considered. A percentage based measure could show a decrease in SD/FO bridges (thus an improvement), as new structures are added to the inventory. This could occur with no decrease in the actual number of SD/FO bridges; therefore, the numerical based measure is viewed as superior.
- Will meeting the next yearly target have a fiscal impact? If so, explain.** Not at this time. The performance measure was established based on the current revenue. As the bridges age and deteriorate and the infrastructure grows, additional structures will become SD and/or FO, increasing the number of these structures in Nevada's inventory.

FIGURE 21(b) Detail performance measure maintain state bridge 2012 screenshot 2.

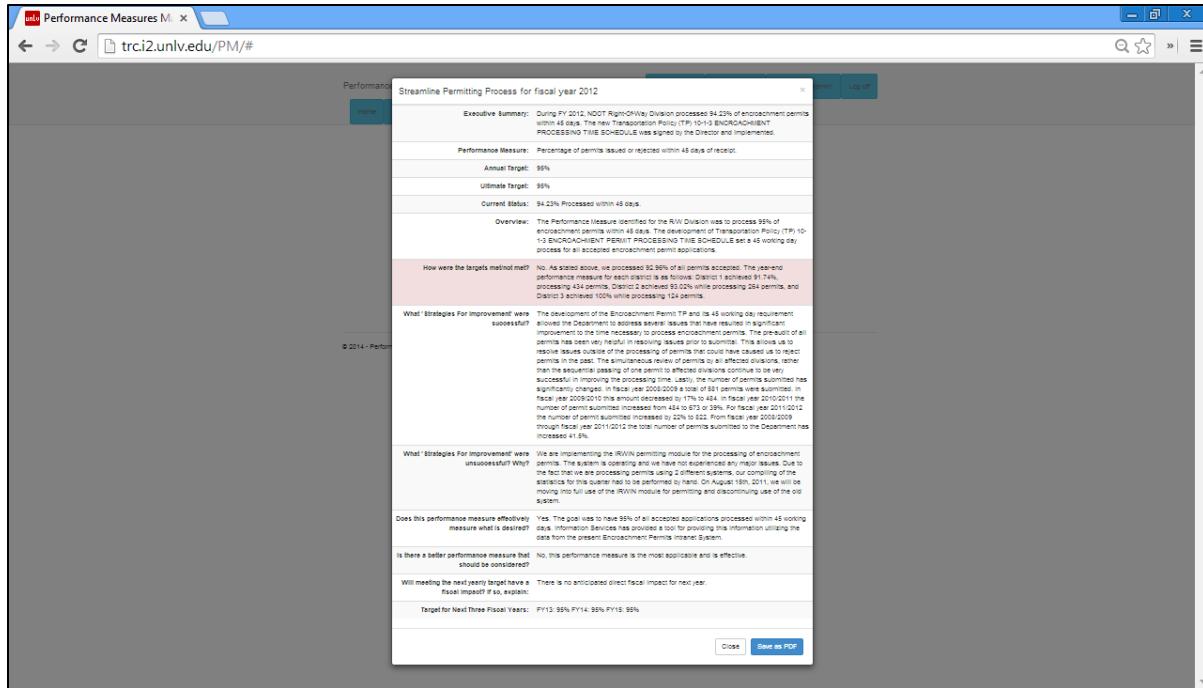


FIGURE 22 Detail performance measure streamline permitting process 2012.

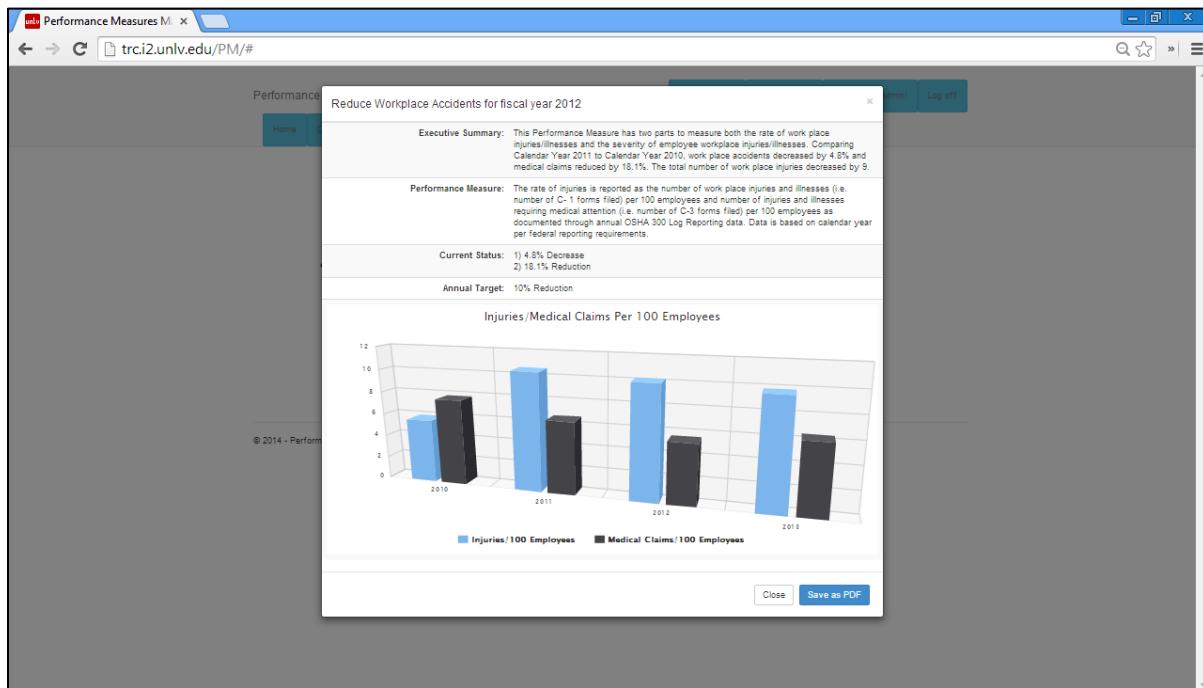


FIGURE 23 Dashboard reduce workplace accidents 2012.

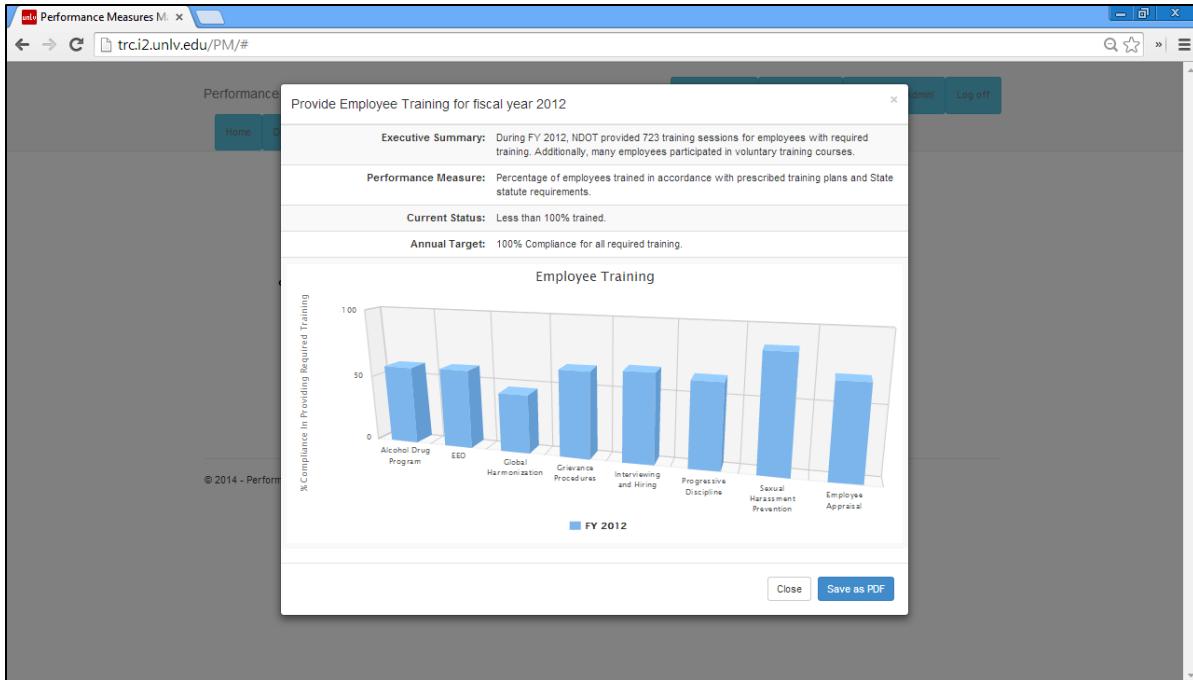


FIGURE 24 Dashboard provide employee training 2012.

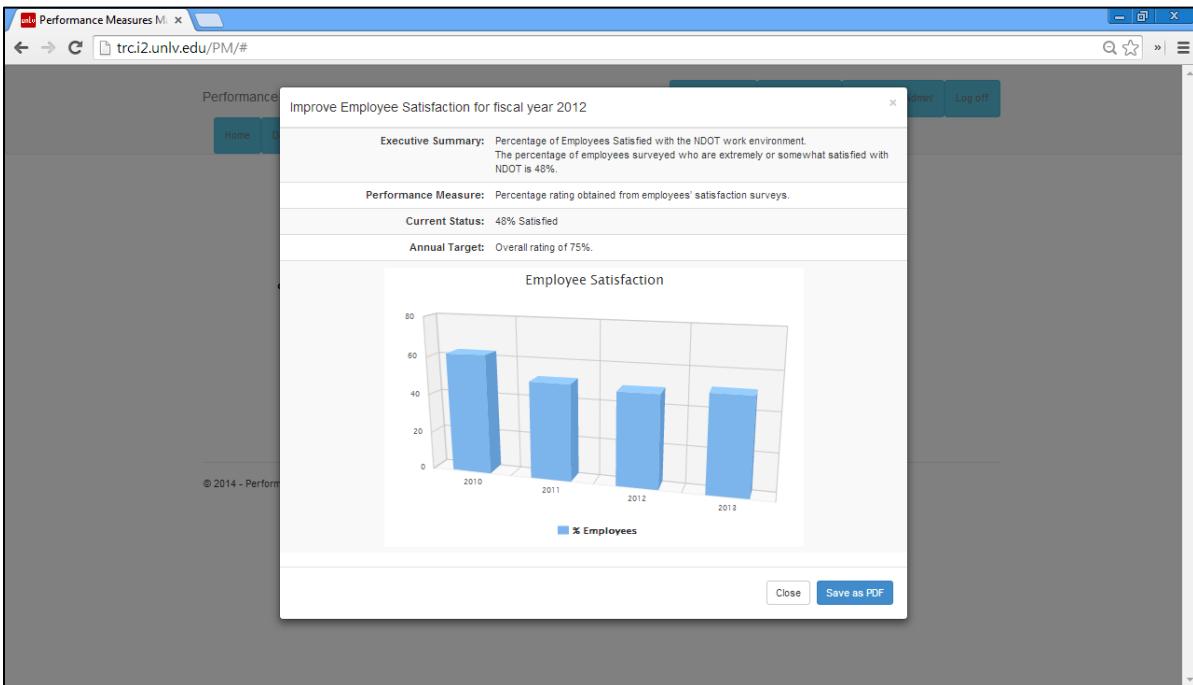


FIGURE 25 Dashboard improve employee satisfaction 2012.

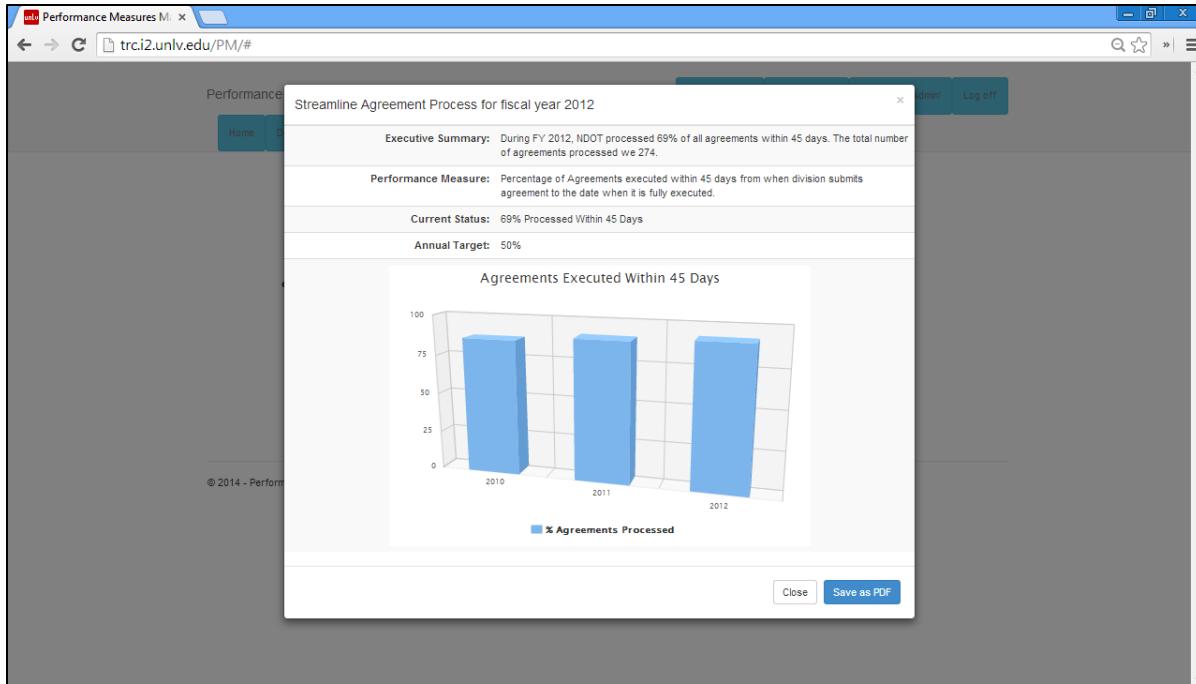


FIGURE 26 Dashboard streamline agreement process 2012.

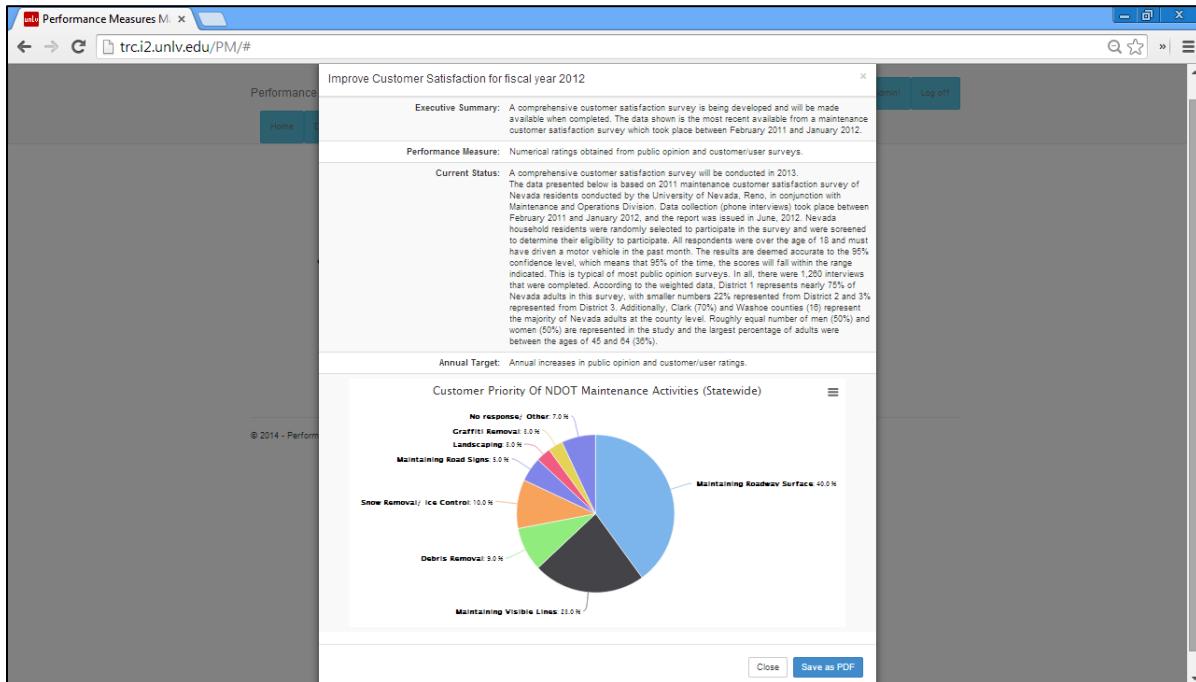


FIGURE 27 Dashboard improve customer satisfaction 2012.

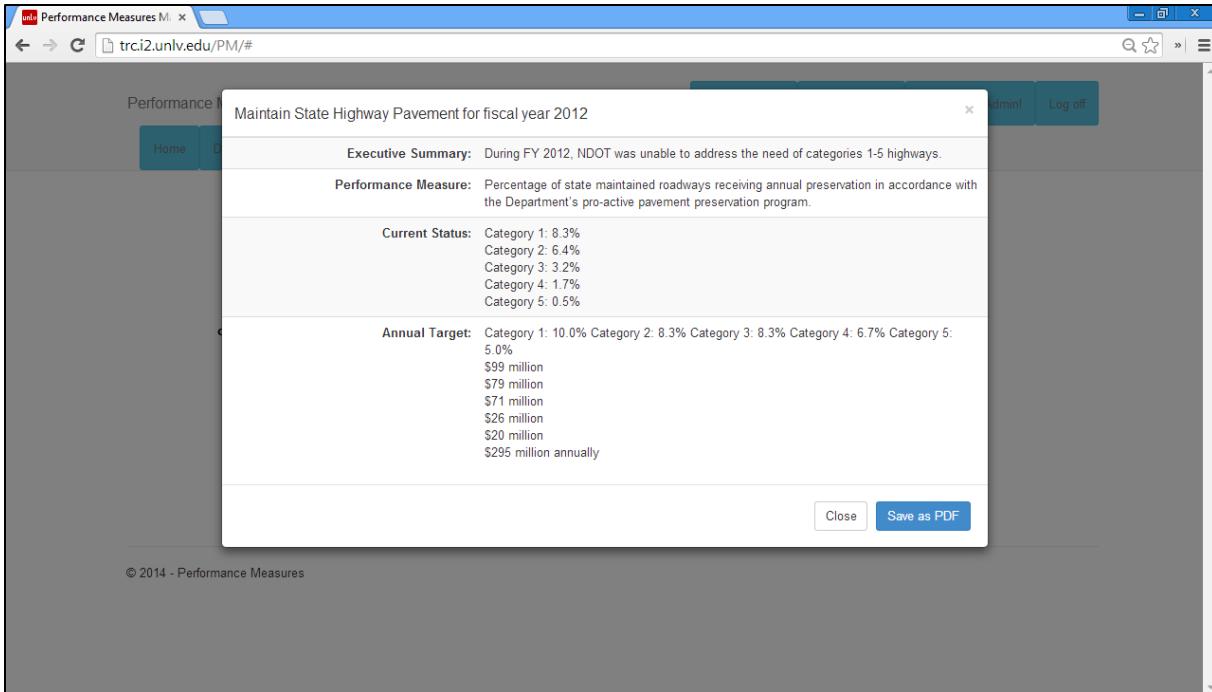


FIGURE 28 Dashboard maintain state highway pavement 2012.

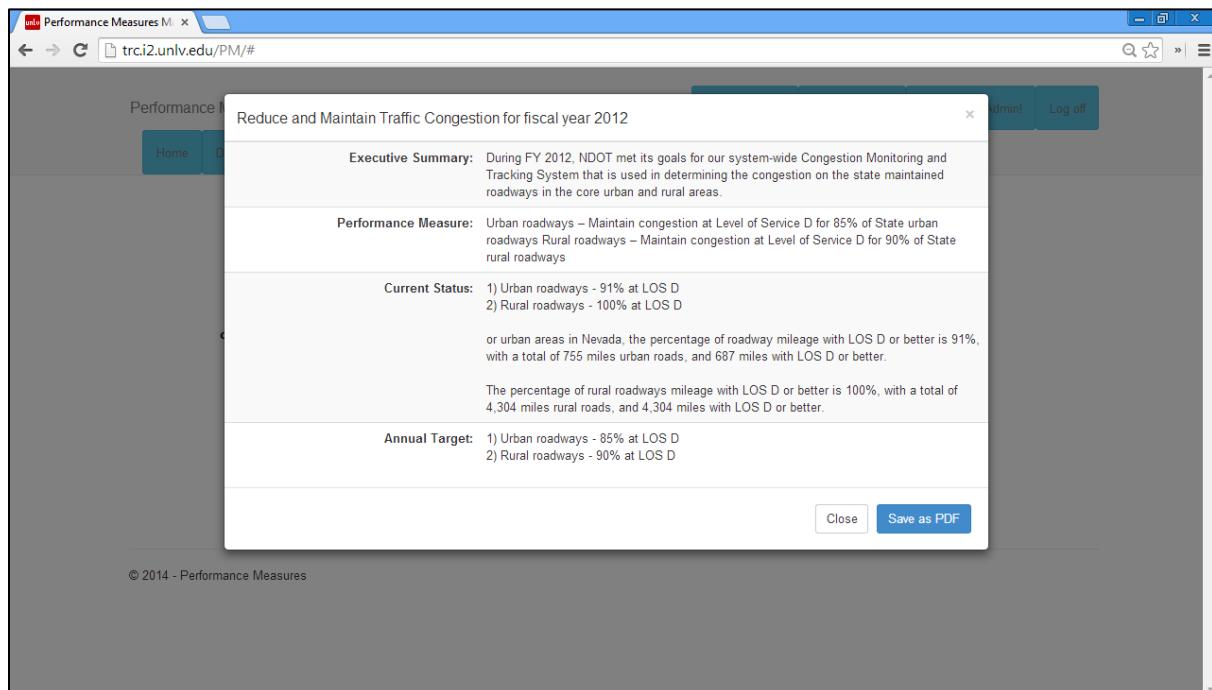


FIGURE 29 Dashboard reduce and maintain traffic congestion 2012.

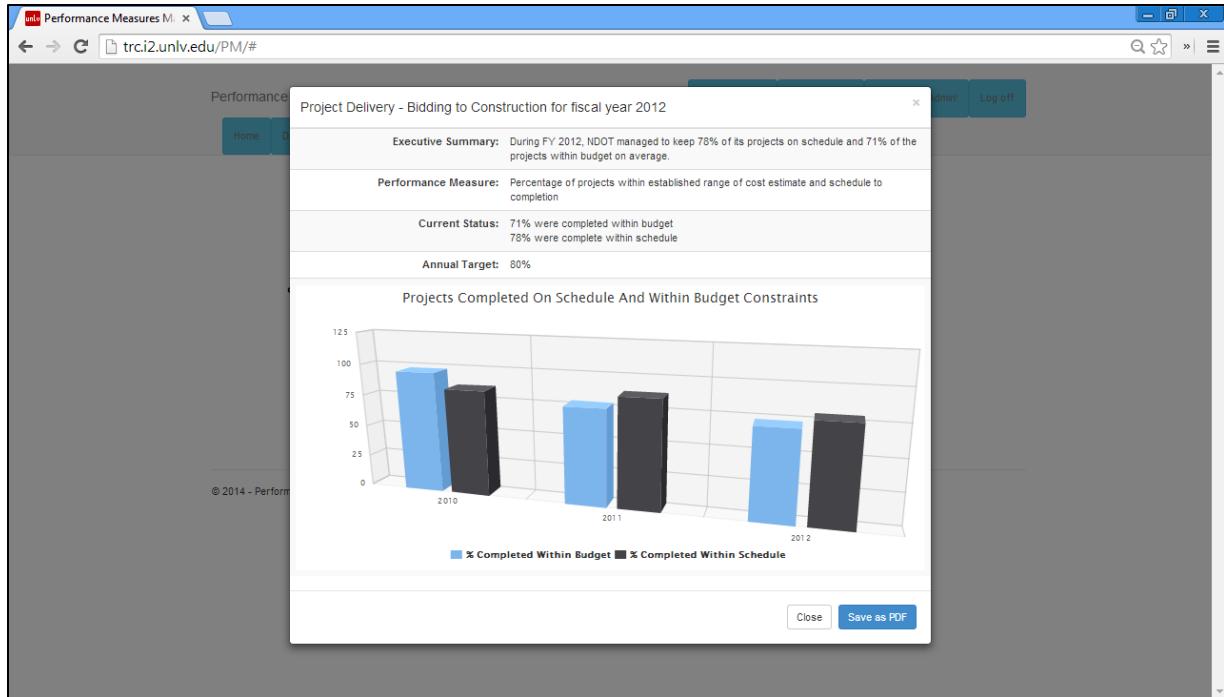


FIGURE 30 Dashboard project delivery 2012.

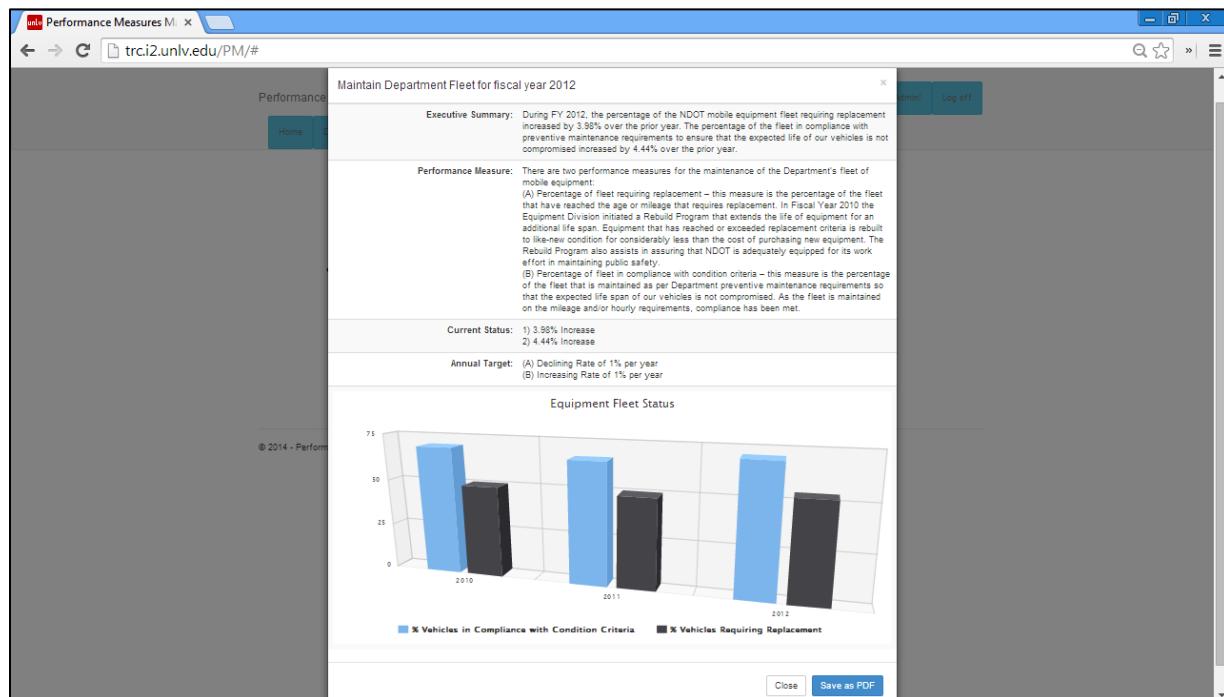


FIGURE 31 Dashboard maintain department fleet 2012.

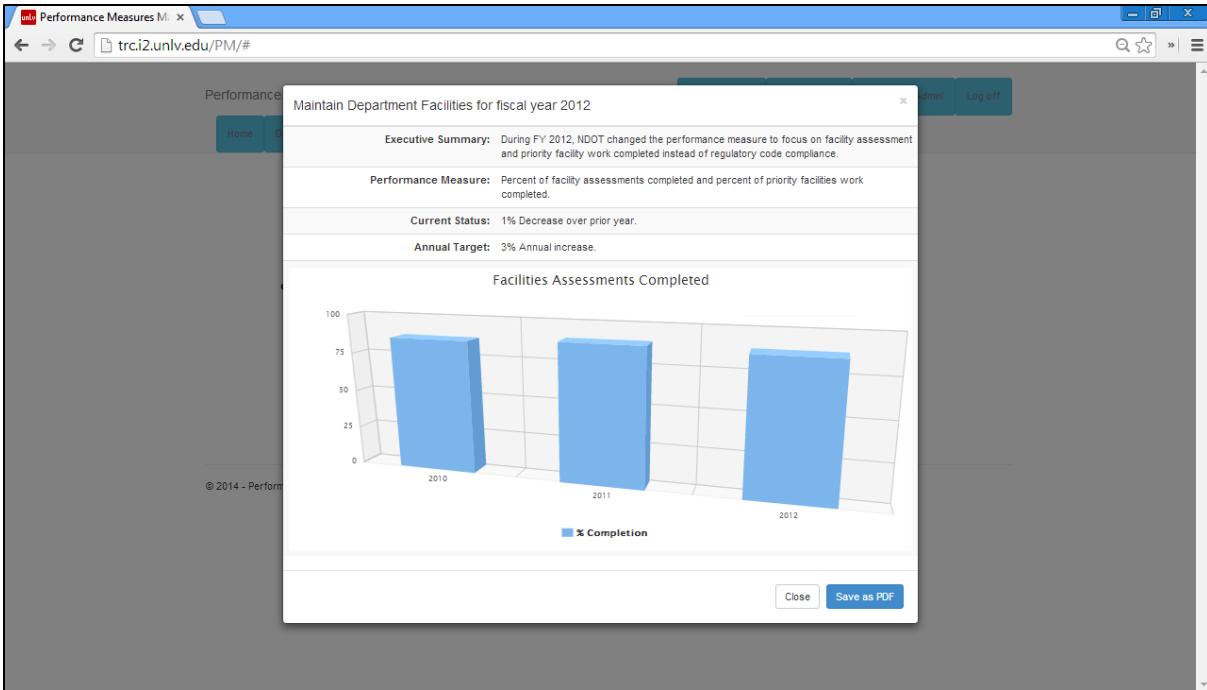


FIGURE 32 Dashboard maintain department facilities 2012.

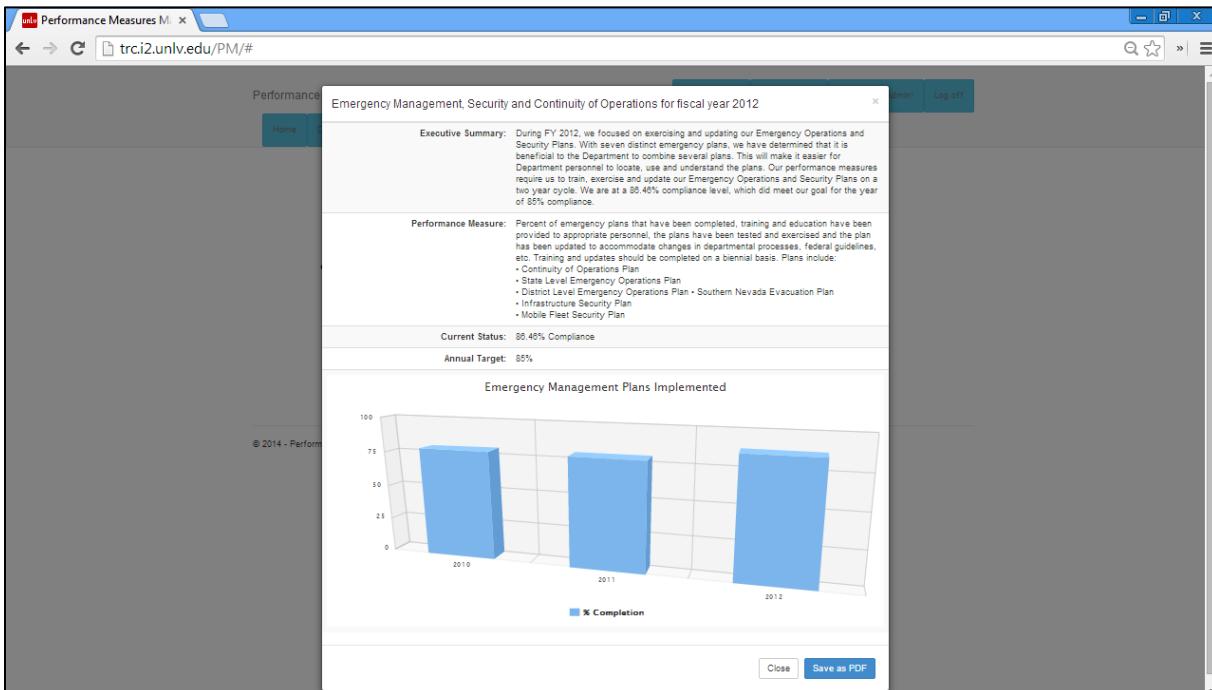


FIGURE 33 Dashboard emergency management 2012.

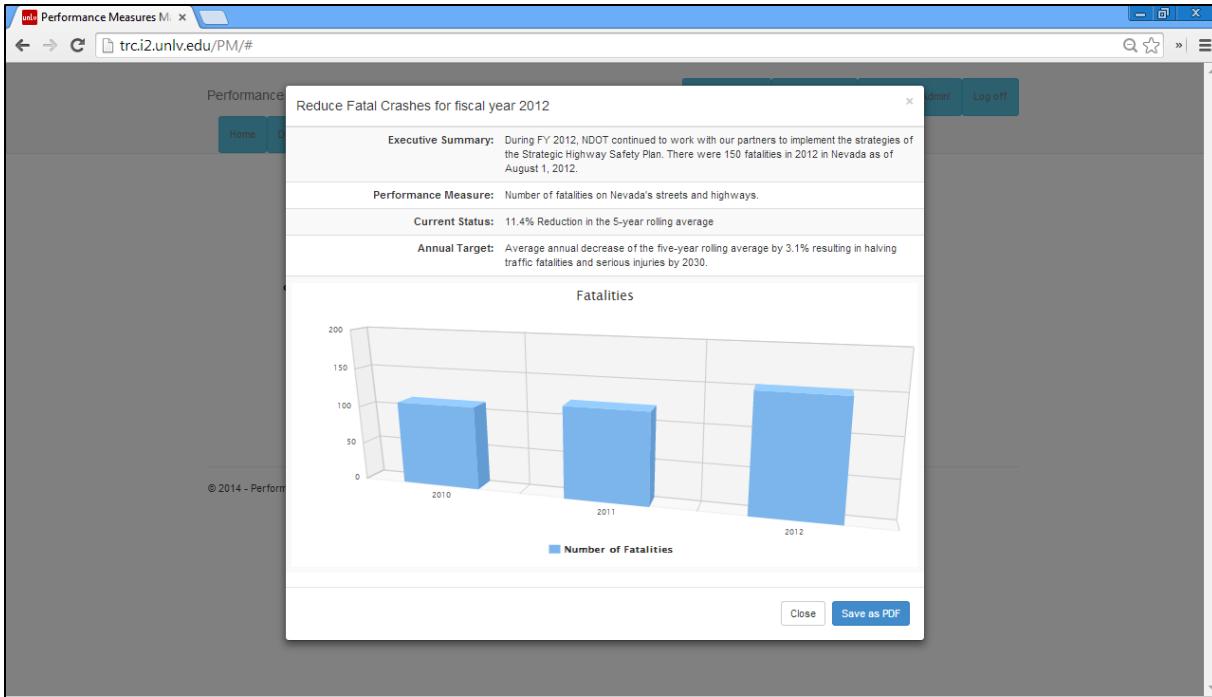


FIGURE 34 Dashboard reduce fatal crashes 2012.

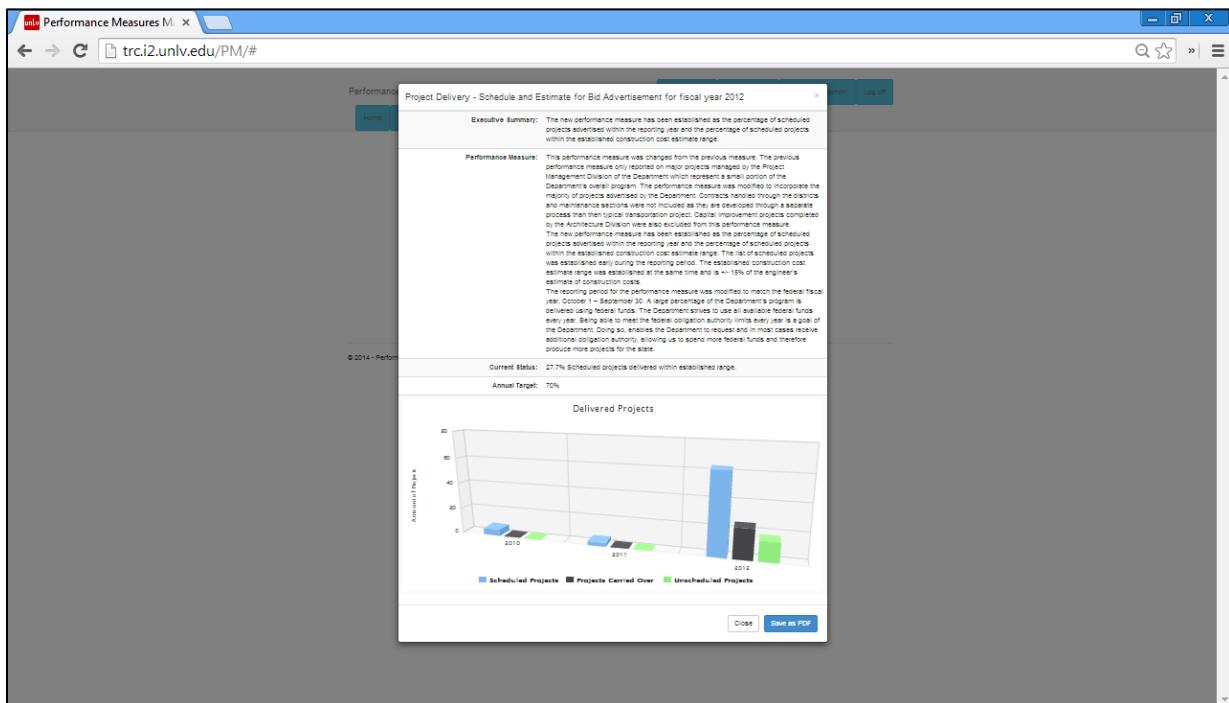


FIGURE 35 Dashboard project delivery 2012.

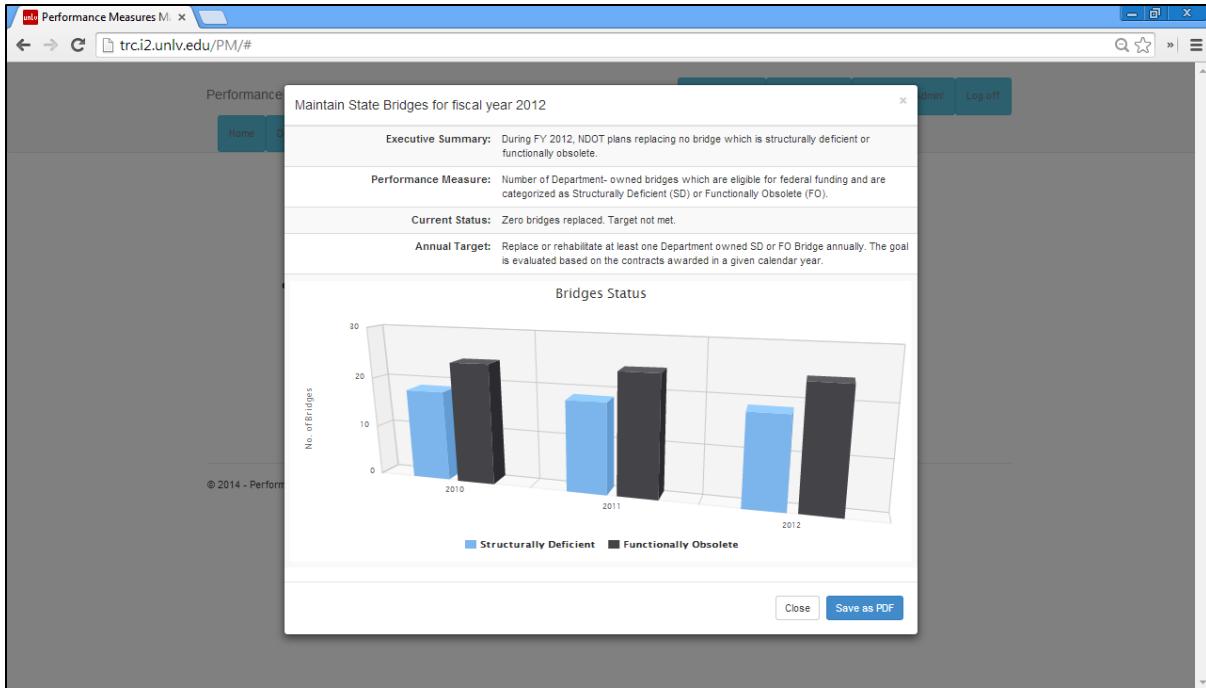


FIGURE 36 Dashboard maintain state bridges 2012.

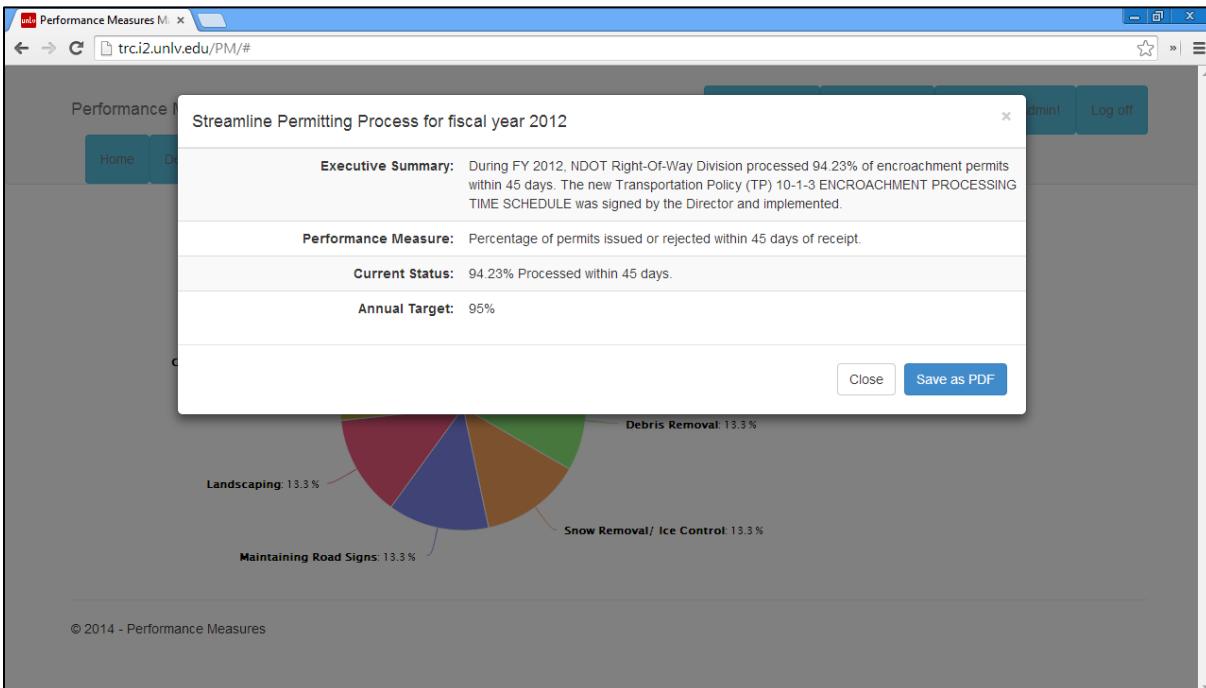


FIGURE 37 Dashboard streamline permitting process 2012.

APPENDICES

APPENDIX A SYSTEM DOCUMENTATION

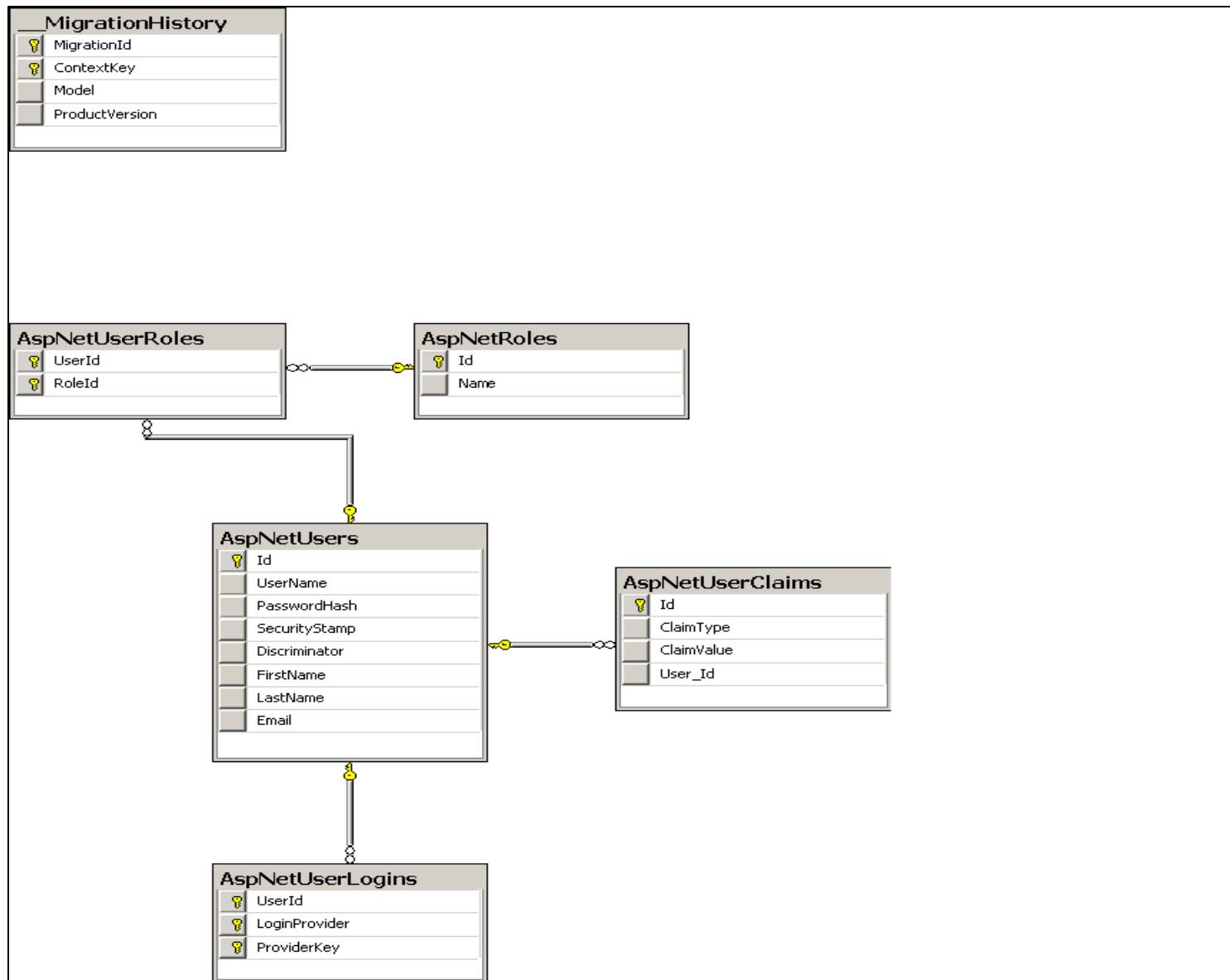


FIGURE 38 Performance users diagram.

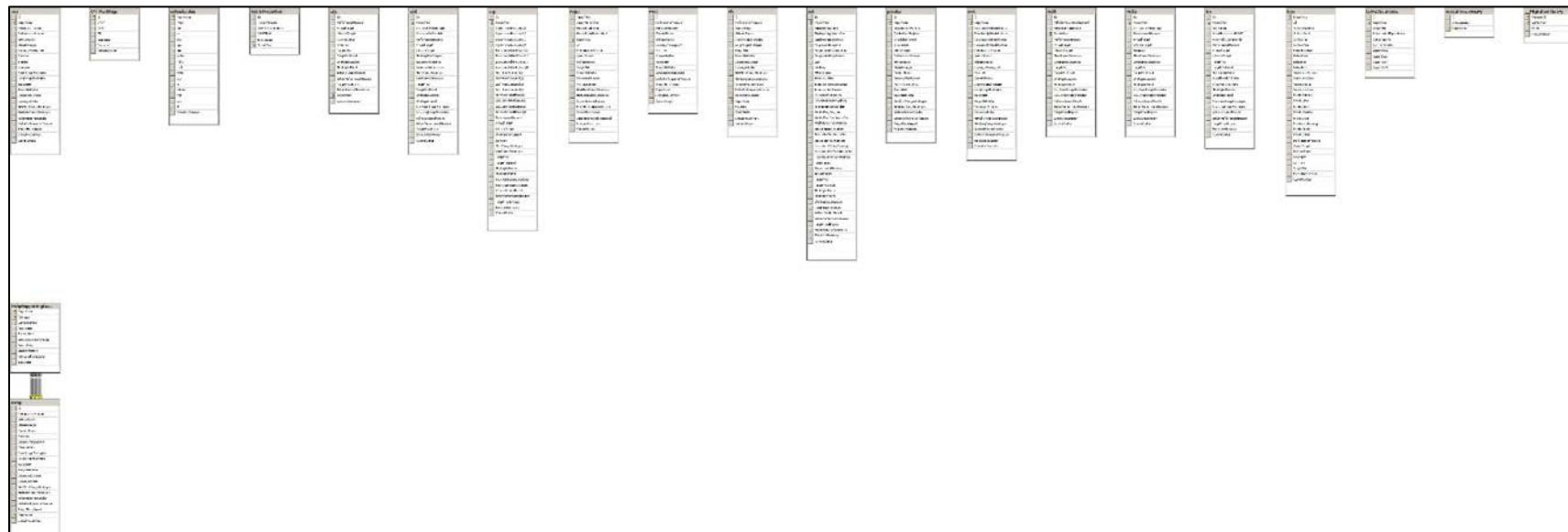


FIGURE 39 Performance diagram.

APPENDIX B

DIAGRAM REPORT

Server	(local)
Author	UNLV - TRC
Created	13 August 2014 11:28
File Path	X:\Users\JeremyO\Documents\My Database Documentation\Performance Measures Document-2014-08-13T11-28-46.docx

Table of Contents.....	50
█ (local).....	52
█ Userdatabases.....	54
█ pmapp Database.....	55
█ Tables	58
█ [dbo].[__MigrationHistory]	59
█ [dbo].[coo]	60
█ [dbo].[executivesummary]	62
█ [dbo].[ExtraDocuments]	64
█ [dbo].[icpo]	66
█ [dbo].[ies].....	69
█ [dbo].[mdfa]	71
█ [dbo].[mdfl]	73
█ [dbo].[msb]	75
█ [dbo].[mshp]	78
█ [dbo].[MshpSupportingData].....	80
█ [dbo].[pdseba]	82
█ [dbo].[pet]	84
█ [dbo].[rfc]	88
█ [dbo].[rmtc]	90
█ [dbo].[rwpa]	92
█ [dbo].[sap]	94
█ [dbo].[SMTPsettings].....	97
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█ [dbo].[spp]	100
█ [dbo].[textintroduction]	102
█ [dbo].[uploadstatus]	104
█ pmusers Database	106
█ Tables	109
█ [dbo].[__MigrationHistory]	110
█ [dbo].[AspNetRoles]	111
█ [dbo].[AspNetUserClaims]	112
█ [dbo].[AspNetUserLogins]	113
█ [dbo].[AspNetUserRoles]	114
█ [dbo].[AspNetUsers]	115
█ Users.....	116
█ performance	117
█ Database Roles.....	118
█ db_accessadmin	118
█ db_backupoperator.....	118
█ db_datareader	119
█ db_datawriter	119
█ db_ddladmin	120
█ db_denydatareader	121
█ db_denydatawriter	122

• db_owner	122
• db_securityadmin	122
• public	122

☰ (local)

Performance Measures

Databases(2)

- ☐ [pmapp](#)
- ☐ [pmusers](#)

Server Properties

Property	Value
Product	Microsoft SQL Server
Version	10.50.1617.0
Language	English (United States)
Platform	NT x64
Edition	Standard Edition (64-bit)
Processors	64
OS Version	6.1 (7601)
Physical Memory	262124
Is Clustered	False
Root Directory	C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL
Collation	SQL_Latin1_General_CI_AS

Server Settings

Property	Value
Default backup file path	C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\Backup
Recovery Interval (minutes)	0
Default index fill factor	0
Default backup media retention	0
Compress Backup	False

Advanced Server Settings

Property	Value
Full text upgrade option	2
Locks	0
Nested triggers enabled	True
Allow triggers to fire others	True
Default language	English
Network packet size	4096
Default fulltext language LCID	1033
Two-digit year cutoff	2049
Remote login timeout	20
Cursor threshold	-1
Max text replication size	65536
Parallelism cost threshold	5
Scan for startup procs	False
Transform noise words	False
Blocked process threshold	0
Filestream access level	False
Optimize for ad hoc workloads	False

 **User databases**

Performance Measures

Databases(2)

-  [pmapp](#)
-  [pmusers](#)

 **pmapp Database**

Performance Measures

Database Properties

Property	Value
SQL Server Version	SQL Server 2008
Compatibility Level	SQL Server 2008
Database Encryption Enabled	False
Last backup time	-
Last log backup time	-
Creation date	Jul 10 2014
Users	5
Database size	4.25 MB
Unallocated space	0.88 MB

Database Options

Property	Value
Compatibility Level	100
Database collation	SQL_Latin1_General_CI_AS
Restrict access	MULTI_USER
Is read-only	False
Auto close	False
Auto shrink	False
Database status	ONLINE
In standby	False
Cleanly shutdown	False
Supplemental logging enabled	False
Snapshot isolation state	OFF
Read committed snapshot on	False
Recovery model	FULL
Page verify option	CHECKSUM
Auto create statistics	True
Auto update statistics	True
Auto update statistics asynchronously	False
ANSI NULL default	False
ANSI NULL enabled	False
ANSI padding enabled	False
ANSI warnings enabled	False
Arithmetic abort enabled	False
Concatenating NULL yields NULL	False
Numeric roundabort enabled	False
Quoted Identifier On	False
Recursive triggers enabled	False
Close cursors on commit	False
Local cursors by default	False
Fulltext enabled	True
Trustworthy	False
Database chaining	False
Forced parameterization	False
Master key encrypted by server	False
Published	False
Subscribed	False
Merge published	False
Is distribution database	False
Sync with backup	False
Service broker GUID	cb05d5fa-ed5c-4275-8853-01661ceb50ab
Service broker enabled	False
Log reuse wait	NOTHING
Date correlation	False

CDC enabled	False
Encrypted	False
Honor broker priority	False
Database owner	sa

Files

Name	Type	Size	File Name
pmapp	Data	3.0 0 MB	C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\DATA\pmapp.mdf
pmapp_log	Log	1.2 5 MB	C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\DATA\pmapp_log.ldf

 Tables

Performance Measures

Objects

Name
dbo.__MigrationHistory
dbo.coo
Emergency Management, Security, and Continuity of Operations
dbo.executivesummary
Executive Summary for annual report
dbo.ExtraDocuments
Support Documentation
dbo.icpo
Improve Customer and Public Outreach
dbo.ies
Improve Employee Satisfaction
dbo.mdfa
Maintain Department Facilities
dbo.mdfl
Maintain Department Fleet
dbo.msb
Maintain State Bridges
dbo.mshp
Maintain State Highway Pavement
dbo.MshpSupportingData
MSHP Supporting Documentation
dbo.pdseba
Project Delivery - Schedule and Estimate for Bid Advertisement
dbo.pet
Perform Employee Training
dbo.rfc
Reduce Fatal Crashes
dbo.rmtc
Reduce and Maintain Traffic Congestion
dbo.rwpa
Reduce Workplace Accidents
dbo.sap
Streamline Agreement Processes
dbo.SMTPsettings
Simple Mail Transfer Protocol Settings
dbo.spd
Streamline Project Delivery - Bidding to Construction
dbo.spp
Streamline Permitting Process
dbo.textintroduction
Annual Report Introduction
dbo.uploadstatus
Current Upload Status of Divisions by year

[dbo].[_MigrationHistory]

Performance Measures

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	0
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
 C	MigrationId	nvarchar(150)	300	False
 C	ContextKey	nvarchar(300)	600	False
	Model	varbinary(max)	max	False
	ProductVersion	nvarchar(32)	64	False

Indexes

Key	Name	Columns	Unique
 C	PK_dbo._MigrationHistory	MigrationId, ContextKey	True

SQL Script

```

CREATE TABLE [dbo].[_MigrationHistory]
(
[MigrationId] [nvarchar] (150) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[ContextKey] [nvarchar] (300) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[Model] [varbinary] (max) NOT NULL,
[ProductVersion] [nvarchar] (32) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[_MigrationHistory] ADD CONSTRAINT [PK_dbo._MigrationHistory] PRIMARY KEY
CLUSTERED ([MigrationId], [ContextKey]) ON [PRIMARY]
GO

```

 [dbo].[coo]

Performance Measures

MS_Description

Emergency Management, Security, and Continuity of Operations

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	15
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	10 - 1
	ReportYear	int	4	False	
	PercentCompletion	real	4	False	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	StrategyPlanSupport	nvarchar(max)	max	True	
	Summary	nvarchar(max)	max	True	
	Training	nvarchar(max)	max	True	
	Exercises	nvarchar(max)	max	True	
	ShortRangeStrategies	nvarchar(max)	max	True	
	LongRangeStrategies	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_coo	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.coo

SQL Script

```

CREATE TABLE [dbo].[coo]
(
    [ID] [int] NOT NULL IDENTITY(10, 1),
    [ReportYear] [int] NOT NULL,
    [PercentCompletion] [real] NOT NULL,
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Training] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Exercises] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[coo] ADD CONSTRAINT [PK_coo] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Emergency Management, Security, and Continuity
of Operations', 'SCHEMA', 'dbo', 'TABLE', N'coo', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.coo', 'SCHEMA', 'dbo', 'TABLE',
N'coo', NULL, NULL
GO

```

dbo].[executivesummary]

Performance Measures

MS_Description

Executive Summary for annual report

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	15
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	execSummary	nvarchar(max)	max	False	
	ReportYear	int	4	False	

Indexes

Key	Name	Columns	Unique
	PK_executivesummary_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.executivesummary

SQL Script

```

CREATE TABLE [dbo].[executivesummary]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [execSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ReportYear] [int] NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[executivesummary] ADD CONSTRAINT [PK_executivesummary_ID] PRIMARY KEY
CLUSTERED ([ReportYear]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Executive Summary for annual report', 'SCHEMA',
N'dbo', 'TABLE', N'executivesummary', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.executivesummary', 'SCHEMA', N'dbo',
'TABLE', N'executivesummary', NULL, NULL

```

GO

 [dbo].[ExtraDocuments]

Performance Measures

MS_Description

Support Documentation

Properties

Property	Value
Row Count (~)	0
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
	ID	int	4	False
 C	ReportYear	int	4	False
	TargetMet	bit	1	False
	RevenueAndExpenditures	bit	1	False
	StatusReports	bit	1	False
	SummarySheets	bit	1	False
	AppendiceA	bit	1	False
	AppendiceB	bit	1	False
	AppendiceC	bit	1	False
	AppendiceD	bit	1	False

Indexes

Key	Name	Columns	Unique
 C	PK_ExtraDocuments	ReportYear	True

SQL Script

```
CREATE TABLE [dbo].[ExtraDocuments]
(
    [ID] [int] NOT NULL,
    [ReportYear] [int] NOT NULL,
    [TargetMet] [bit] NOT NULL,
    [RevenueAndExpenditures] [bit] NOT NULL,
    [StatusReports] [bit] NOT NULL,
    [SummarySheets] [bit] NOT NULL,
    [AppendiceA] [bit] NOT NULL,
    [AppendiceB] [bit] NOT NULL,
    [AppendiceC] [bit] NOT NULL,
    [AppendiceD] [bit] NOT NULL
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[ExtraDocuments] ADD CONSTRAINT [PK_ExtraDocuments] PRIMARY KEY CLUSTERED  
([ReportYear]) ON [PRIMARY]  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Support Documentation', 'SCHEMA', N'dbo',  
'TABLE', N'ExtraDocuments', NULL, NULL  
GO
```

[dbo].[icpo]

Performance Measures

MS_Description

Improve Customer and Public Outreach

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	8
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ReportYear	int	4	False	
	Id	int	4	False	1 - 1
	SurfaceExcellent	real	4	True	
	SurfaceGood	real	4	True	
	SurfaceFair	real	4	True	
	SurfacePoor	real	4	True	
	DebrisExcellent	real	4	True	
	DebrisGood	real	4	True	
	DebrisFair	real	4	True	
	DebrisPoor	real	4	True	
	VisibleLinesExcellent	real	4	True	
	VisibleLinesGood	real	4	True	
	VisibleLinesFair	real	4	True	
	VisibleLinesPoor	real	4	True	
	PrioritySurface	real	4	True	
	PriorityLines	real	4	True	
	PriorityDebris	real	4	True	
	PrioritySnowIce	real	4	True	
	PrioritySigns	real	4	True	
	PriorityLandscaping	real	4	True	
	PriorityGraffiti	real	4	True	
	PriorityOther	real	4	True	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	Overview	nvarchar(max)	max	True	
	Summary	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_icpo_0F2C152608EA5793	ReportYear	True

SQL Script

```
CREATE TABLE [dbo].[icpo]
(
[ReportYear] [int] NOT NULL,
[Id] [int] NOT NULL IDENTITY(1, 1),
[SurfaceExcellent] [real] NULL,
[SurfaceGood] [real] NULL,
```

```

[SurfaceFair] [real] NULL,
[SurfacePoor] [real] NULL,
[DebrisExcellent] [real] NULL,
[DebrisGood] [real] NULL,
[DebrisFair] [real] NULL,
[DebrisPoor] [real] NULL,
[VisibleLinesExcellent] [real] NULL,
[VisibleLinesGood] [real] NULL,
[VisibleLinesFair] [real] NULL,
[VisibleLinesPoor] [real] NULL,
[PrioritySurface] [real] NULL,
[PriorityLines] [real] NULL,
[PriorityDebris] [real] NULL,
[PrioritySnowIce] [real] NULL,
[PrioritySigns] [real] NULL,
[PriorityLandscaping] [real] NULL,
[PriorityGraffiti] [real] NULL,
[PriorityOther] [real] NULL,
[PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[Overview] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[TargetMet] [bit] NULL,
[ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[icpo] ADD CONSTRAINT [PK_icpo_0F2C152608EA5793] PRIMARY KEY CLUSTERED
([ReportYear]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Improve Customer and Public Outreach', 'SCHEMA',
N'dbo', 'TABLE', N'icpo', NULL, NULL
GO

```

[dbo].[ies]

Performance Measures

MS_Description

Improve Employee Satisfaction

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	10
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	10 - 1
	ReportYear	int	4	False	
	Satisfaction	real	4	False	
	WouldRecommendNDOT	real	4	False	
	ApplyPolicyConsistently	real	4	False	
	PerformanceMeasure	varchar(max)	max	True	
	AnnualTarget	varchar(max)	max	True	
	UltimateTarget	varchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	SatisfactionDetail	nvarchar(max)	max	True	
	WouldRecNDOTDetail	nvarchar(max)	max	True	
	ApplyPolicyConDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_ies	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.ies

SQL Script

```

CREATE TABLE [dbo].[ies]
(
    [ID] [int] NOT NULL IDENTITY(10, 1),
    [ReportYear] [int] NOT NULL,
    [Satisfaction] [real] NOT NULL,
    [WouldRecommendNDOT] [real] NOT NULL,
    [ApplyPolicyConsistently] [real] NOT NULL,
    [PerformanceMeasure] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [SatisfactionDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [WouldRecNDOTDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ApplyPolicyConDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[ies] ADD CONSTRAINT [PK_ies] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Improve Employee Satisfaction', 'SCHEMA',
N'dbo', 'TABLE', N'ies', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.ies', 'SCHEMA', N'dbo', 'TABLE',
N'ies', NULL, NULL
GO

```

 [dbo].[mdfa]

Performance Measures

MS_Description

Maintain Department Facilities

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	11
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	ReportYear	int	4	False	
	CompliancePercentage	real	4	False	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	Summary	nvarchar(max)	max	True	
	ShortRangeStrategies	nvarchar(max)	max	True	
	LongRangeStrategies	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_mdfa_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.mdfa

SQL Script

```

CREATE TABLE [dbo].[mdfa]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [ReportYear] [int] NOT NULL,
    [CompliancePercentage] [real] NOT NULL,
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[mdfa] ADD CONSTRAINT [PK_mdfa_ID] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Maintain Department Facilities', 'SCHEMA',
N'dbo', 'TABLE', N'mdfa', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.mdfa', 'SCHEMA', N'dbo', 'TABLE',
N'mdfa', NULL, NULL
GO

```

 [dbo].[mdfl]

Performance Measures

MS_Description

Maintain Department Fleet

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	15
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	VehiclesRequire-Replacement	real	4	False	
	VehiclesInCompliance	real	4	False	
	ReportYear	int	4	False	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	ShortRangeStrategies	nvarchar(max)	max	True	
	LongRangeStrategies	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformanceMeasure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_mdfl_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.mdf1

SQL Script

```

CREATE TABLE [dbo].[mdfl]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [VehiclesRequireReplacement] [real] NOT NULL,
    [VehiclesInCompliance] [real] NOT NULL,
    [ReportYear] [int] NOT NULL,
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[mdfl] ADD CONSTRAINT [PK_mdfl_ID] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Maintain Department Fleet', 'SCHEMA', N'dbo',
'TABLE', N'mdfl', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.mdf1', 'SCHEMA', N'dbo', 'TABLE',
N'mdfl', NULL, NULL
GO

```

[dbo].[msb]

Performance Measures

MS_Description

Maintain State Bridges

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	8
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
 C	ReportYear	int	4	False	
	StructurallyDeficientCount	int	4	False	
	FunctionallyObsolete-Count	int	4	False	
	StructurallyDeficientDetail	nvarchar(max)	max	True	
	FunctionallyObsolete-Detail	nvarchar(max)	max	True	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	StrategyPlanSupport	nvarchar(max)	max	True	
	Summary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	
	ShortRangeStrategies	nvarchar(max)	max	True	
	LongRangeStrategies	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
 C	PK_msb_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.msb

SQL Script

```
CREATE TABLE [dbo].[msb]
```

```

(
[ID] [int] NOT NULL IDENTITY(1, 1),
[ReportYear] [int] NOT NULL,
[StructurallyDeficientCount] [int] NOT NULL,
[FunctionallyObsoleteCount] [int] NOT NULL,
[StructurallyDeficientDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[FunctionallyObsoleteDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[TargetMet] [bit] NULL,
[TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[msb] ADD CONSTRAINT [PK_msb_ID] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Maintain State Bridges', 'SCHEMA', N'dbo',
'TABLE', N'msb', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.msb', 'SCHEMA', N'dbo', 'TABLE',
N'msb', NULL, NULL
GO

```

 [dbo].[mshp]

Performance Measures

MS_Description

Maintain State Highway Pavement

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	4
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	
	Summary	nvarchar(max)	max	False	
	StrategyPlanSupport	nvarchar(max)	max	False	
	Measurement	nvarchar(max)	max	False	
	ShortRangeStrategies	nvarchar(max)	max	False	
	LongRangeStrategies	nvarchar(max)	max	False	
	TargetMet	bit	1	False	
	TargetMetDetail	nvarchar(max)	max	False	
	StrategiesSuccess	nvarchar(max)	max	False	
	StrategiesFailed	nvarchar(max)	max	False	
	NewShortRangeStrategies	nvarchar(max)	max	False	
	NewLongRangeStrategies	nvarchar(max)	max	False	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
 C	ReportYear	int	4	False	
	ExecutiveSummary	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_mshp_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.mshp

SQL Script

```

CREATE TABLE [dbo].[mshp]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [Measurement] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetMet] [bit] NOT NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ReportYear] [int] NOT NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[mshp] ADD CONSTRAINT [PK_mshp_ID] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Maintain State Highway Pavement', 'SCHEMA',
N'dbo', 'TABLE', N'mshp', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.mshp', 'SCHEMA', N'dbo', 'TABLE',
N'mshp', NULL, NULL
GO

```

☰ [dbo].[MshpSupportingData]

Performance Measures

MS_Description

MSHP Supporting Documentation

Properties

Property	Value
Row Count (~)	20
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	11:02:37 PM Sunday, July 13, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
PK	ReportYear	int	4	False
FK	Category	int	4	False
FK	CenterlineMiles	int	4	False
	AnnualNeed	real	4	False
	BacklogNeed	real	4	False
	AnnualTarget-Percentage	real	4	False
	AnnualTarget	real	4	False
	AmountPlanned	real	4	False
	AnnualRehabilitations	real	4	False
	TargetMet	bit	1	False
	TotalNeed	real	4	True

Indexes

Key	Name	Columns	Unique
PK	PK_MshpSupportingData_ID	ReportYear, Category	True

Foreign Keys

Name	Columns
FK_MshpSuppo_Repor_47DBAE45	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_48CFD27E	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_49C3F6B7	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_4AB81AF0	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_4BAC3F29	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_4CA06362	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_4D94879B	ReportYear->[dbo].[mshp].[ReportYear]
FK_MshpSuppo_Repor_4E88ABD4	ReportYear->[dbo].[mshp].[ReportYear]

SQL Script

```

CREATE TABLE [dbo].[MshpSupportingData]
(
[ReportYear] [int] NOT NULL,
[Category] [int] NOT NULL,
[CenterlineMiles] [int] NOT NULL,
[AnnualNeed] [real] NOT NULL,
[BacklogNeed] [real] NOT NULL,
[AnnualTargetPercentage] [real] NOT NULL,
[AnnualTarget] [real] NOT NULL,
[AmountPlanned] [real] NOT NULL,
[AnnualRehabilitations] [real] NOT NULL,
[TargetMet] [bit] NOT NULL,
[TotalNeed] [real] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [PK_MshpSupportingData_ID] PRIMARY KEY
CLUSTERED ([ReportYear], [Category]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_47DBAE45] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_48CFD27E] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_49C3F6B7] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_4AB81AF0] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_4BAC3F29] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_4CA06362] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_4D94879B] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
ALTER TABLE [dbo].[MshpSupportingData] ADD CONSTRAINT [FK_MshpSuppo_Repor_4E88ABD4] FOREIGN
KEY ([ReportYear]) REFERENCES [dbo].[mshp] ([ReportYear])
GO
EXEC sp_addextendedproperty N'MS_Description', N'MSHP Supporting Documentation', 'SCHEMA',
N'dbo', 'TABLE', N'MshpSupportingData', NULL, NULL
GO

```

 [dbo].[pdseba]

Performance Measures

MS_Description

Project Delivery - Schedule and Estimate for Bid Advertisement

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	8
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	Id	int	4	False	1 - 1
	ReportYear	int	4	False	
	UnscheduledProjects	int	4	True	
	CarriedOverProjects	int	4	True	
	ScheduledProjects	int	4	True	
	OnSchedule	int	4	True	
	WithinBudget	int	4	True	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	
	StrategyPlanSupport	nvarchar(max)	max	True	
	ProjectDeliveryData	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_pdseba	ReportYear	True

SQL Script

```

CREATE TABLE [dbo].[pdseba]
(
[Id] [int] NOT NULL IDENTITY(1, 1),
[ReportYear] [int] NOT NULL,
[UnscheduledProjects] [int] NULL,
[CarriedOverProjects] [int] NULL,
[ScheduledProjects] [int] NULL,
[OnSchedule] [int] NULL,
[WithinBudget] [int] NULL,
[PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[ProjectDeliveryData] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[TargetMet] [bit] NULL,
[TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
[ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[pdseba] ADD CONSTRAINT [PK_pdseba] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Project Delivery - Schedule and Estimate for Bid
Advertisement', 'SCHEMA', 'dbo', 'TABLE', N'pdseba', NULL, NULL
GO

```

[dbo].[pet]

Performance Measures

MS_Description

Perform Employee Training

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	12
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	10 - 1
 C	ReportYear	int	4	False	
	EmployeeAppraisal	int	4	False	
	EmployeeAppAnnualReq	int	4	False	
	EmployeeAppAttendee	nvarchar(50)	100	True	
	ProgressiveDiscipline	int	4	False	
	ProgressiveDisAnnualReq	int	4	False	
	ProgressiveDisAttendee	nvarchar(50)	100	True	
	EEO	int	4	False	
	EEOReq	int	4	False	
	EEOAttendee	nvarchar(50)	100	True	
	InterviewHiring	int	4	False	
	InterviewHiringAnnualReq	int	4	False	
	InterviewHirAttendee	nvarchar(50)	100	True	
	GrievanceProcedures	int	4	False	
	GrievanceProcAnnualReq	int	4	False	
	GrievanceProcAttendee	nvarchar(50)	100	True	
	AlcoholDrugProgram	int	4	False	
	AlcoholDrugProgAnnualReq	int	4	False	
	AlcoholDrugProgAttendee	nvarchar(50)	100	True	
	SexualHarassmentPrev	int	4	False	
	SexualHarPrevAnnualReq	int	4	False	
	SexualHarPrevAttendee	nvarchar(50)	100	True	
	HazardousMaterialTraining	int	4	False	
	HazardousMatTrainAnnual-Req	int	4	False	
	HazardousMatTrainAttendee	nvarchar(50)	100	True	
	TotalTrained	int	4	False	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	ShortRangeStrategies	nvarchar(max)	max	True	
	LongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformanceMeasure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	FutureTargetsThreeYears	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	

	CurrentStatus	nvarchar(max)	max	True	
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Indexes

Key	Name	Columns	Unique
	PK_pet_0F2C152632E0915F	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.pet

SQL Script

```

CREATE TABLE [dbo].[pet]
(
    [ID] [int] NOT NULL IDENTITY(10, 1),
    [ReportYear] [int] NOT NULL,
    [EmployeeAppraisal] [int] NOT NULL,
    [EmployeeAppAnnualReq] [int] NOT NULL,
    [EmployeeAppAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ProgressiveDiscipline] [int] NOT NULL,
    [ProgressiveDisAnnualReq] [int] NOT NULL,
    [ProgressiveDisAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [EEO] [int] NOT NULL,
    [EEOReq] [int] NOT NULL,
    [EEOAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [InterviewHiring] [int] NOT NULL,
    [InterviewHiringAnnualReq] [int] NOT NULL,
    [InterviewHirAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [GrievanceProcedures] [int] NOT NULL,
    [GrievanceProcAnnualReq] [int] NOT NULL,
    [GrievanceProcAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AlcoholDrugProgram] [int] NOT NULL,
    [AlcoholDrugProgAnnualReq] [int] NOT NULL,
    [AlcoholDrugProgAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [SexualHarassmentPrev] [int] NOT NULL,
    [SexualHarPrevAnnualReq] [int] NOT NULL,
    [SexualHarPrevAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [HazardousMaterialTraining] [int] NOT NULL,
    [HazardousMatTrainAnnualReq] [int] NOT NULL,
    [HazardousMatTrainAttendee] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TotalTrained] [int] NOT NULL,
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [FutureTargetsThreeYears] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[pet] ADD CONSTRAINT [PK_pet_0F2C152632E0915F] PRIMARY KEY CLUSTERED
([ReportYear]) ON [PRIMARY]
GO

```

```
EXEC sp_addextendedproperty N'MS_Description', N'Perform Employee Training', 'SCHEMA', N'dbo',
'TABLE', N'pet', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.pet', 'SCHEMA', N'dbo', 'TABLE',
N'pet', NULL, NULL
GO
```

 [dbo].[rfc]

Performance Measures

MS_Description

Reduce Fatal Crashes

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	9
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	PerformanceMeasure	varchar(max)	max	False	
	AnnualTarget	varchar(max)	max	False	
	UltimateTarget	varchar(max)	max	False	
	ShortRangeStrategies	varchar(max)	max	False	
	LongRangeStrategies	varchar(max)	max	False	
	TargetMet	bit	1	False	
	TargetMetDetail	varchar(max)	max	False	
	StrategiesSuccess	varchar(max)	max	False	
	StrategiesFailed	varchar(max)	max	False	
	NewShortRangeStrategies	varchar(max)	max	False	
	NewLongRangeStrategies	varchar(max)	max	False	
	AchieveDesiredResults	varchar(max)	max	False	
	BetterPerformance-Measure	varchar(max)	max	False	
	TargetFiscalImpact	varchar(max)	max	False	
	ReportYear	int	4	False	
	Fatalities	int	4	False	
	CostOfALife	int	4	False	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
 C	PK_rfc	ReportYear	True

SQL Script

```

CREATE TABLE [dbo].[rfc]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [PerformanceMeasure] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AnnualTarget] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [UltimateTarget] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ShortRangeStrategies] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [LongRangeStrategies] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetMet] [bit] NOT NULL,
    [TargetMetDetail] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesSuccess] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesFailed] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NewShortRangeStrategies] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NewLongRangeStrategies] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AchieveDesiredResults] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [BetterPerformanceMeasure] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetFiscalImpact] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ReportYear] [int] NOT NULL,
    [Fatalities] [int] NOT NULL,
    [CostOfALife] [int] NOT NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[rfc] ADD CONSTRAINT [PK_rfc] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Reduce Fatal Crashes', 'SCHEMA', N'dbo',
'TABLE', N'rfc', NULL, NULL
GO

```

 [dbo].[rmtc]

Performance Measures

MS_Description

Reduce and Maintain Traffic Congestion

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	4
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	PerformanceMeasure	nvarchar(max)	max	False	
	DefLevelServiceD	nvarchar(max)	max	False	
	CurrentStatus	nvarchar(max)	max	False	
	UltimateTarget	nvarchar(max)	max	False	
	StrategyPlanSupport	nvarchar(max)	max	False	
	Summary	nvarchar(max)	max	False	
	SupportingDoc	nvarchar(max)	max	False	
	TargetMet	bit	1	False	
	TargetMetDetail	nvarchar(max)	max	False	
	AchieveDesiredResults	nvarchar(max)	max	False	
	BetterPerformance-Measure	nvarchar(max)	max	False	
	TargetFiscalImpact	nvarchar(max)	max	False	
 C	ReportYear	int	4	False	
	ExecutiveSummary	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
 C	PK_rmtc	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.rmtc

SQL Script

```

CREATE TABLE [dbo].[rmtc]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [DefLevelServiceD] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [SupportingDoc] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetMet] [bit] NOT NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ReportYear] [int] NOT NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[rmtc] ADD CONSTRAINT [PK_rmtc] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Reduce and Maintain Traffic Congestion',
'SCHEMA', N'dbo', 'TABLE', N'rmtc', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.rmtc', 'SCHEMA', N'dbo', 'TABLE',
N'rmtc', NULL, NULL
GO

```

 [dbo].[rwpa]

Performance Measures

MS_Description

Reduce Workplace Accidents

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	9
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	InjuryTotal	int	4	False	
	InjuryPerHundred	real	4	False	
	MedicalClaimTotal	int	4	False	
	MedicalClaimPerHundred	real	4	False	
	ReportYear	int	4	False	
	ID	int	4	False	10 - 1
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformanceMeasure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	InjuryandMedicalClaim-Detail	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_rwpa	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.rwpa

SQL Script

```

CREATE TABLE [dbo].[rwpa]
(
    [InjuryTotal] [int] NOT NULL,
    [InjuryPerHundred] [real] NOT NULL,
    [MedicalClaimTotal] [int] NOT NULL,
    [MedicalClaimPerHundred] [real] NOT NULL,
    [ReportYear] [int] NOT NULL,
    [ID] [int] NOT NULL IDENTITY(10, 1),
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [InjuryandMedicalClaimDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[rwpa] ADD CONSTRAINT [PK_rwpa] PRIMARY KEY CLUSTERED ([ReportYear]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Reduce Workplace Accidents', 'SCHEMA', N'dbo',
'TABLE', N'rwpa', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.rwpa', 'SCHEMA', N'dbo', 'TABLE',
N'rwpa', NULL, NULL
GO

```

[dbo].[sap]

Performance Measures

MS_Description

Streamline Agreement Processes

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	9
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	10 - 1
 C	ReportYear	int	4	False	
	AgreementsExecutedQ1	int	4	False	
	AgreementsExecutedQ2	int	4	False	
	AgreementsExecutedQ3	int	4	False	
	AgreementsExecutedQ4	int	4	False	
	ExecutedWithin45DaysQ1	real	4	False	
	ExecutedWithin45DaysQ2	real	4	False	
	ExecutedWithin45DaysQ3	real	4	False	
	ExecutedWithin45DaysQ4	real	4	False	
	SubmittedExecutedQ1	int	4	False	
	SubmittedExecutedQ2	int	4	False	
	SubmittedExecutedQ3	int	4	False	
	SubmittedExecutedQ4	int	4	False	
	SubExeWithin45DaysQ1	real	4	False	
	SubExeWithin45DaysQ2	real	4	False	
	SubExeWithin45DaysQ3	real	4	False	
	SubExeWithin45DaysQ4	real	4	False	
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	StrategyPlanSupport	nvarchar(max)	max	True	
	Summary	nvarchar(max)	max	True	
	ShortRangeStrategies	nvarchar(max)	max	True	
	LongRangeStrategies	nvarchar(max)	max	True	
	TargetMet	bit	1	True	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	True	
	StrategiesFailed	nvarchar(max)	max	True	
	NewShortRangeStrategies	nvarchar(max)	max	True	
	NewLongRangeStrategies	nvarchar(max)	max	True	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_sap	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.sap

SQL Script

```

CREATE TABLE [dbo].[sap]
(
    [ID] [int] NOT NULL IDENTITY(10, 1),
    [ReportYear] [int] NOT NULL,
    [AgreementsExecutedQ1] [int] NOT NULL,
    [AgreementsExecutedQ2] [int] NOT NULL,
    [AgreementsExecutedQ3] [int] NOT NULL,
    [AgreementsExecutedQ4] [int] NOT NULL,
    [ExecutedWithin45DaysQ1] [real] NOT NULL,
    [ExecutedWithin45DaysQ2] [real] NOT NULL,
    [ExecutedWithin45DaysQ3] [real] NOT NULL,
    [ExecutedWithin45DaysQ4] [real] NOT NULL,
    [SubmittedExecutedQ1] [int] NOT NULL,
    [SubmittedExecutedQ2] [int] NOT NULL,
    [SubmittedExecutedQ3] [int] NOT NULL,
    [SubmittedExecutedQ4] [int] NOT NULL,
    [SubExeWithin45DaysQ1] [real] NOT NULL,
    [SubExeWithin45DaysQ2] [real] NOT NULL,
    [SubExeWithin45DaysQ3] [real] NOT NULL,
    [SubExeWithin45DaysQ4] [real] NOT NULL,
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Summary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetMet] [bit] NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[sap] ADD CONSTRAINT [PK_sap] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Streamline Agreement Processes', 'SCHEMA',
N'dbo', 'TABLE', N'sap', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.sap', 'SCHEMA', N'dbo', 'TABLE',
N'sap', NULL, NULL
GO

```

 [dbo].[SMTPsettings]

Performance Measures

MS_Description

Simple Mail Transfer Protocol Settings

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	1
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
 C	Id	int	4	False	1 - 1
	SMTP	nvarchar(50)	100	False	
	PORT	int	4	False	
	SSL	char(1)	1	False	
	UserName	nvarchar(50)	100	False	
	Password	nvarchar(50)	100	False	
	DefaultAccount	char(1)	1	False	

Indexes

Key	Name	Columns	Unique
 C	PK__SMTPsett__3214EC0725869641	Id	True

SQL Script

```

CREATE TABLE [dbo].[SMTPsettings]
(
[Id] [int] NOT NULL IDENTITY(1, 1),
[SMTP] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[PORT] [int] NOT NULL,
[SSL] [char] (1) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[UserName] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[Password] [nvarchar] (50) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[DefaultAccount] [char] (1) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[SMTPsettings] ADD CONSTRAINT [PK__SMTPsett__3214EC0725869641] PRIMARY KEY
CLUSTERED ([Id]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Simple Mail Transfer Protocol Settings',
'SCHEMA', N'dbo', 'TABLE', N'SMTPsettings', NULL, NULL
GO

```

 [dbo].[spd]

Performance Measures

MS_Description

Streamline Project Delivery - Bidding to Construction

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	10
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	10 - 1
	ReportYear	int	4	False	
	CompleteWithinBudget	int	4	False	
	CompleteOnSchedule	int	4	False	
	PerformanceMeasure	nvarchar(max)	max	False	
	AnnualTarget	nvarchar(max)	max	False	
	UltimateTarget	nvarchar(max)	max	False	
	StrategyPlanSupport	nvarchar(max)	max	False	
	BudgetPerformance	nvarchar(max)	max	False	
	SchedulePerformance	nvarchar(max)	max	False	
	ShortRangeStrategies	nvarchar(max)	max	False	
	LongRangeStrategies	nvarchar(max)	max	False	
	TargetMet	bit	1	False	
	TargetMetDetail	nvarchar(max)	max	False	
	StrategiesSuccess	nvarchar(max)	max	False	
	StrategiesFailed	nvarchar(max)	max	False	
	NewShortRangeStrategies	nvarchar(max)	max	False	
	NewLongRangeStrategies	nvarchar(max)	max	False	
	AchieveDesiredResults	nvarchar(max)	max	False	
	BetterPerformance-Measure	nvarchar(max)	max	False	
	TargetFiscalImpact	nvarchar(max)	max	False	
	ExecutiveSummary	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_spd_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.spd

SQL Script

```

CREATE TABLE [dbo].[spd]
(
    [ID] [int] NOT NULL IDENTITY(10, 1),
    [ReportYear] [int] NOT NULL,
    [CompleteWithinBudget] [int] NOT NULL,
    [CompleteOnSchedule] [int] NOT NULL,
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategyPlanSupport] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [BudgetPerformance] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [SchedulePerformance] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [LongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetMet] [bit] NOT NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NewShortRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NewLongRangeStrategies] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[spd] ADD CONSTRAINT [PK_spd_ID] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Streamline Project Delivery - Bidding to
Construction', 'SCHEMA', 'dbo', 'TABLE', N'spd', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.spd', 'SCHEMA', N'dbo', 'TABLE',
N'spd', NULL, NULL
GO

```

 [dbo].[spp]

Performance Measures

MS_Description

Streamline Permitting Process

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	5
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	PerformanceMeasure	nvarchar(max)	max	True	
	AnnualTarget	nvarchar(max)	max	True	
	UltimateTarget	nvarchar(max)	max	True	
	CurrentStatus	nvarchar(max)	max	True	
	Overview	varchar(max)	max	False	
	TargetsMet	bit	1	False	
	TargetMetDetail	nvarchar(max)	max	True	
	StrategiesSuccess	nvarchar(max)	max	False	
	StrategiesFailed	nvarchar(max)	max	False	
	AchieveDesiredResults	nvarchar(max)	max	True	
	BetterPerformance-Measure	nvarchar(max)	max	True	
	TargetFiscalImpact	nvarchar(max)	max	True	
	FutureTargetsThreeYears	varchar(max)	max	False	
	ReportYear	int	4	False	
	ExecutiveSummary	nvarchar(max)	max	True	

Indexes

Key	Name	Columns	Unique
	PK_spp	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.spp

SQL Script

```

CREATE TABLE [dbo].[spp]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [PerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [AnnualTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [UltimateTarget] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [CurrentStatus] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Overview] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [TargetsMet] [bit] NOT NULL,
    [TargetMetDetail] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [StrategiesSuccess] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [StrategiesFailed] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [AchieveDesiredResults] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [BetterPerformanceMeasure] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [TargetFiscalImpact] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [FutureTargetsThreeYears] [varchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ReportYear] [int] NOT NULL,
    [ExecutiveSummary] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[spp] ADD CONSTRAINT [PK_spp] PRIMARY KEY CLUSTERED ([ReportYear]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Streamline Permitting Process', 'SCHEMA',
N'dbo', 'TABLE', N'spp', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.spp', 'SCHEMA', N'dbo', 'TABLE',
N'spp', NULL, NULL
GO

```

 [dbo].[textintroduction]

Performance Measures

MS_Description

Annual Report Introduction

Properties

Property	Value
Collation	SQL_Latin1_General_CI_AS
Row Count (~)	7
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
	ID	int	4	False	1 - 1
	TranspMembers	nvarchar(max)	max	False	
	NDOTAdministration	nvarchar(max)	max	False	
	NDOTStaff	nvarchar(max)	max	False	
	Introduction	nvarchar(max)	max	False	
	ReportYear	int	4	False	

Indexes

Key	Name	Columns	Unique
	PK_textintroduction_ID	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.textintroduction

SQL Script

```

CREATE TABLE [dbo].[textintroduction]
(
    [ID] [int] NOT NULL IDENTITY(1, 1),
    [TranspMembers] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NDOTAdministration] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [NDOTStaff] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [Introduction] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ReportYear] [int] NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[textintroduction] ADD CONSTRAINT [PK_textintroduction_ID] PRIMARY KEY

```

```
CLUSTERED ([ReportYear]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Annual Report Introduction', 'SCHEMA', N'dbo',
'TABLE', N'textintroduction', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.textintroduction', 'SCHEMA', N'dbo',
'TABLE', N'textintroduction', NULL, NULL
GO
```

 [dbo].[uploadstatus]

Performance Measures

MS_Description

Current Upload Status of Divisions by year

Properties

Property	Value
Row Count (~)	39
Created	10:35:29 PM Thursday, July 10, 2014
Last Modified	10:35:29 PM Thursday, July 10, 2014

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity	Default
	ReportYear	int	4	False		
	rwp	bit	1	False		((0))
	pet	bit	1	False		((0))
	ies	bit	1	False		((0))
	sap	bit	1	False		((0))
	icpo	bit	1	False		((0))
	rmtc	bit	1	False		((0))
	spdbc	bit	1	False		((0))
	mshp	bit	1	False		((0))
	mdfl	bit	1	False		((0))
	mdfa	bit	1	False		((0))
	coo	bit	1	False		((0))
	rfc	bit	1	False		((0))
	pdseba	bit	1	False		((0))
	msb	bit	1	False		((0))
	spp	bit	1	False		((0))
	ID	int	4	False	1 - 1	
	ExecutiveSummary	bit	1	False		((0))

Indexes

Key	Name	Columns	Unique
	PK_uploadstatus_year	ReportYear	True

Extended Properties

Name	Value
MS_SSMA_SOURCE	performance.uploadstatus

SQL Script

```

CREATE TABLE [dbo].[uploadstatus]
(
[ReportYear] [int] NOT NULL,
[rwpa] [bit] NOT NULL CONSTRAINT [DF_uploadstat_rwpa_38996AB5] DEFAULT ((0)),
[pet] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_pet_398D8EEE] DEFAULT ((0)),
[ies] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_ies_3A81B327] DEFAULT ((0)),
[sap] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_sap_3B75D760] DEFAULT ((0)),
[icpo] [bit] NOT NULL CONSTRAINT [DF_uploadstat_icpo_3C69FB99] DEFAULT ((0)),
[rmtc] [bit] NOT NULL CONSTRAINT [DF_uploadstat_rmtc_3D5E1FD2] DEFAULT ((0)),
[spdcbc] [bit] NOT NULL CONSTRAINT [DF_uploadsta_spdcbc_3E52440B] DEFAULT ((0)),
[mshp] [bit] NOT NULL CONSTRAINT [DF_uploadstat_mshp_3F466844] DEFAULT ((0)),
[mdfl] [bit] NOT NULL CONSTRAINT [DF_uploadstat_mdfl_403A8C7D] DEFAULT ((0)),
[mdfa] [bit] NOT NULL CONSTRAINT [DF_uploadstat_mdfa_412EB0B6] DEFAULT ((0)),
[coo] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_coo_4222D4EF] DEFAULT ((0)),
[rfc] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_rfc_4316F928] DEFAULT ((0)),
[pdseba] [bit] NOT NULL CONSTRAINT [DF_uploadsta_pdseb_440B1D61] DEFAULT ((0)),
[msb] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_msb_44FF419A] DEFAULT ((0)),
[spp] [bit] NOT NULL CONSTRAINT [DF_uploadstatu_spp_45F365D3] DEFAULT ((0)),
[ID] [int] NOT NULL IDENTITY(1, 1),
[ExecutiveSummary] [bit] NOT NULL CONSTRAINT [DF_uploadsta_Execcu_46E78A0C] DEFAULT ((0))
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[uploadstatus] ADD CONSTRAINT [PK_uploadstatus_year] PRIMARY KEY CLUSTERED
([ReportYear]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Current Upload Status of Divisions by year',
'SCHEMA', N'dbo', 'TABLE', N'uploadstatus', NULL, NULL
GO
EXEC sp_addextendedproperty N'MS_SSMA_SOURCE', N'performance.uploadstatus', 'SCHEMA', N'dbo',
'TABLE', N'uploadstatus', NULL, NULL
GO

```

 **pmusers Database**

Performance Measures

Database Properties

Property	Value
SQL Server Version	SQL Server 2008
Compatibility Level	SQL Server 2008
Database Encryption Enabled	False
Last backup time	-
Last log backup time	-
Creation date	Jul 17 2014
Users	5
Database size	4.00 MB
Unallocated space	1.49 MB

Database Options

Property	Value
Compatibility Level	100
Database collation	SQL_Latin1_General_CI_AS
Restrict access	MULTI_USER
Is read-only	False
Auto close	False
Auto shrink	False
Database status	ONLINE
In standby	False
Cleanly shutdown	False
Supplemental logging enabled	False
Snapshot isolation state	OFF
Read committed snapshot on	False
Recovery model	FULL
Page verify option	CHECKSUM
Auto create statistics	True
Auto update statistics	True
Auto update statistics asynchronously	False
ANSI NULL default	False
ANSI NULL enabled	False
ANSI padding enabled	False
ANSI warnings enabled	False
Arithmetic abort enabled	False
Concatenating NULL yields NULL	False
Numeric roundabort enabled	False
Quoted Identifier On	False
Recursive triggers enabled	False
Close cursors on commit	False
Local cursors by default	False
Fulltext enabled	True
Trustworthy	False
Database chaining	False
Forced parameterization	False
Master key encrypted by server	False
Published	False
Subscribed	False
Merge published	False
Is distribution database	False
Sync with backup	False
Service broker GUID	e80f40d7-22b2-4bb0-8e94-33dcd1b4ce42
Service broker enabled	False
Log reuse wait	NOTHING
Date correlation	False

CDC enabled	False
Encrypted	False
Honor broker priority	False
Database owner	sa

Files

Name	Type	Size	File Name
pmusers	Data	3.0 0 MB	C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\DATA\pmusers.m df
pmusers_log	Log	1.0 0 MB	C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\DATA\pmusers_lo g.ldf

 Tables

Performance Measures

Objects

Name
dbo.__MigrationHistory
Database Migrations
dbo.AspNetRoles
Available roles
dbo.AspNetUserClaims
User claims
dbo.AspNetUserLogins
User logins
dbo.AspNetUserRoles
User roles
dbo.AspNetUsers
User table

 [dbo].[_MigrationHistory]

Performance Measures

MS_Description

Database Migrations

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
 C	MigrationId	nvarchar(150)	300	False
 C	ContextKey	nvarchar(300)	600	False
	Model	varbinary(max)	max	False
	ProductVersion	nvarchar(32)	64	False

Indexes

Key	Name	Columns	Unique
 C	PK_dbo._MigrationHistory	MigrationId, ContextKey	True

SQL Script

```

CREATE TABLE [dbo].[_MigrationHistory]
(
[MigrationId] [nvarchar] (150) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[ContextKey] [nvarchar] (300) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[Model] [varbinary] (max) NOT NULL,
[ProductVersion] [nvarchar] (32) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[_MigrationHistory] ADD CONSTRAINT [PK_dbo._MigrationHistory] PRIMARY KEY
CLUSTERED ([MigrationId], [ContextKey]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Database Migrations', 'SCHEMA', N'dbo', 'TABLE',
N'_MigrationHistory', NULL, NULL
GO

```

 [dbo].[AspNetRoles]

Performance Measures

MS_Description

Available roles

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
	Id	nvarchar(128)	256	False
	Name	nvarchar(max)	max	False

Indexes

Key	Name	Columns	Unique
	PK_dbo.AspNetRoles	Id	True

SQL Script

```

CREATE TABLE [dbo].[AspNetRoles]
(
[Id] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
[Name] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetRoles] ADD CONSTRAINT [PK_dbo.AspNetRoles] PRIMARY KEY CLUSTERED ([Id])
ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Available roles', 'SCHEMA', N'dbo', 'TABLE',
N'AspNetRoles', NULL, NULL
GO

```

[dbo].[AspNetUserClaims]

Performance Measures

MS_Description

User claims

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
 C	Id	int	4	False	1 - 1
	ClaimType	nvarchar(max)	max	True	
	ClaimValue	nvarchar(max)	max	True	
 C	User_Id	nvarchar(128)	256	False	

Indexes

Key	Name	Columns	Unique
 C	PK_dbo.AspNetUserClaims	Id	True

Foreign Keys

Name	Delete	Columns
FK_dbo.AspNetUserClaims_dbo.AspNetUsers_User_Id	Cascade	User_Id->[dbo].[AspNetUsers].[Id]

SQL Script

```

CREATE TABLE [dbo].[AspNetUserClaims]
(
    [Id] [int] NOT NULL IDENTITY(1, 1),
    [ClaimType] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [ClaimValue] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [User_Id] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUserClaims] ADD CONSTRAINT [PK_dbo.AspNetUserClaims] PRIMARY KEY
CLUSTERED ([Id]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUserClaims] ADD CONSTRAINT [FK_dbo.AspNetUserClaims_dbo.AspNetUsers_-User_Id] FOREIGN KEY ([User_Id]) REFERENCES [dbo].[AspNetUsers] ([Id]) ON DELETE CASCADE
GO
EXEC sp_addextendedproperty N'MS_Description', N'User claims', 'SCHEMA', N'dbo', 'TABLE', N'AspNetUserClaims', NULL, NULL
GO

```

Uses

[\[dbo\].\[AspNetUsers\]](#)

 [\[dbo\].\[AspNetUserLogins\]](#)

Performance Measures

MS_Description

User logins

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
 	UserId	nvarchar(128)	256	False
 	LoginProvider	nvarchar(128)	256	False
 	ProviderKey	nvarchar(128)	256	False

Indexes

Key	Name	Columns	Unique
 	PK_dbo.AspNetUserLogins	UserId, LoginProvider, ProviderKey	True

Foreign Keys

Name	Delete	Columns
FK_dbo.AspNetUserLogins_dbo.AspNetUsers_UserId	Cascade	UserId->[dbo].[AspNetUsers].[Id]

SQL Script

```

CREATE TABLE [dbo].[AspNetUserLogins]
(
    [UserId] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [LoginProvider] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [ProviderKey] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUserLogins] ADD CONSTRAINT [PK_dbo.AspNetUserLogins] PRIMARY KEY
CLUSTERED ([UserId], [LoginProvider], [ProviderKey]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUserLogins] ADD CONSTRAINT [FK_dbo.AspNetUserLogins_dbo.AspNetUsers_-UserId] FOREIGN KEY ([UserId]) REFERENCES [dbo].[AspNetUsers] ([Id]) ON DELETE CASCADE
GO
EXEC sp_addextendedproperty N'MS_Description', N'User logins', 'SCHEMA', N'dbo', 'TABLE', N'AspNetUserLogins', NULL, NULL
GO

```

Uses

[\[dbo\].\[AspNetUsers\]](#)

[dbo].[AspNetUserRoles]

Performance Measures

MS_Description

User roles

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
 	UserId	nvarchar(128)	256	False
 	RoleId	nvarchar(128)	256	False

Indexes

Key	Name	Columns	Unique
	PK_dbo.AspNetUserRoles	UserId, RoleId	True

Foreign Keys

Name	Delete	Columns
FK_dbo.AspNetUserRoles_dbo.AspNetRoles_RoleId	Cascade	RoleId->[dbo].[AspNetRoles].[Id]
FK_dbo.AspNetUserRoles_dbo.AspNetUsers_UserId	Cascade	UserId->[dbo].[AspNetUsers].[Id]

SQL Script

```

CREATE TABLE [dbo].[AspNetUserRoles]
(
    [UserId] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [RoleId] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUserRoles] ADD CONSTRAINT [PK_dbo.AspNetUserRoles] PRIMARY KEY CLUSTERED
([UserId], [RoleId]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUserRoles] ADD CONSTRAINT [FK_dbo.AspNetUserRoles_dbo.AspNetRoles_RoleId] FOREIGN KEY ([RoleId]) REFERENCES [dbo].[AspNetRoles] ([Id]) ON DELETE CASCADE
GO
ALTER TABLE [dbo].[AspNetUserRoles] ADD CONSTRAINT [FK_dbo.AspNetUserRoles_dbo.AspNetUsers_UserId] FOREIGN KEY ([UserId]) REFERENCES [dbo].[AspNetUsers] ([Id]) ON DELETE CASCADE
GO
EXEC sp_addextendedproperty N'MS_Description', N'User roles', 'SCHEMA', N'dbo', 'TABLE', N'AspNetUserRoles', NULL, NULL
GO

```

Uses

[dbo].[AspNetRoles]
[\[dbo\].\[AspNetUsers\]](#)

 [dbo].[AspNetUsers]

Performance Measures

MS_Description

User table

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls
	Id	nvarchar(128)	256	False
	UserName	nvarchar(max)	max	True
	PasswordHash	nvarchar(max)	max	True
	SecurityStamp	nvarchar(max)	max	True
	Discriminator	nvarchar(128)	256	False
	FirstName	nvarchar(max)	max	True
	LastName	nvarchar(max)	max	True
	Email	nvarchar(max)	max	True

Indexes

Key	Name	Columns	Unique
	PK_dbo.AspNetUsers	Id	True

SQL Script

```

CREATE TABLE [dbo].[AspNetUsers]
(
    [Id] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [UserName] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [PasswordHash] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [SecurityStamp] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Discriminator] [nvarchar] (128) COLLATE SQL_Latin1_General_CI_AS NOT NULL,
    [FirstName] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [LastName] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL,
    [Email] [nvarchar] (max) COLLATE SQL_Latin1_General_CI_AS NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
ALTER TABLE [dbo].[AspNetUsers] ADD CONSTRAINT [PK_dbo.AspNetUsers] PRIMARY KEY CLUSTERED ([Id])
ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'User table', 'SCHEMA', N'dbo', 'TABLE', N'AspNetUsers', NULL, NULL
GO

```



Users

Performance Measures

Objects

Name

performance



Performance Measures

Properties

Property	Value
Type	SqlUser
Login Name	performance
Default Schema	dbo

Database Level Permissions

Type	Action
CONNECT	Grant

SQL Script

```
IF NOT EXISTS (SELECT * FROM master.dbo.syslogins WHERE loginname = N'performance')
CREATE LOGIN [performance] WITH PASSWORD = 'p@ssw0rd'
GO
CREATE USER [performance] FOR LOGIN [performance]
GO
```

 Database Roles
Performance Measures

Objects

Name
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
public

 db_accessadmin
Performance Measures

Properties

Property	Value
Owner	dbo

 db_backupoperator
Performance Measures

Properties

Property	Value
Owner	dbo



Performance Measures

Properties

Property	Value
Owner	dbo

Members

- [performance](#)

SQL Script

```
EXEC sp_addrolemember N'db_datareader', N'performance'
GO
```

Uses

[performance](#)



Performance Measures

Properties

Property	Value
Owner	dbo

Members

- [performance](#)

SQL Script

```
EXEC sp_addrolemember N'db_datawriter', N'performance'
GO
```

Uses

[performance](#)



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 db_ddladmin

Performance Measures

Properties

Property	Value
Owner	dbo

 db_denydatareader
Performance Measures

Properties

Property	Value
Owner	dbo

 *db_denydatawriter*

Performance Measures

Properties

Property	Value
Owner	dbo

 *db_owner*

Performance Measures

Properties

Property	Value
Owner	dbo

 *db_securityadmin*

Performance Measures

Properties

Property	Value
Owner	dbo

 *public*

Performance Measures

Properties

Property	Value
Owner	dbo