Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

Test Date:	Test Conductor:

TEST OBJECTIVES	
1.	Validate that DPS Administrators / Operators can add Sensors using GUI.
2.	Validate that the DPS Administrators can add Toll Points using GUI
3.	Validate that the DPS Administrators can add Pricing Segment using GUI
4.	Validate that the DPS Administrators can add Trip O/D Pair using GUI
5.	Validate that DPS Administrators can add Changeable Message Sign Group using GUI
6.	Validate that the DPS Adminstrators can add Toll Point Adjustments using GUI
7.	Validate that DPS Operator can create a Base Rate Plan using GUI.
8.	Validate that DPS Administrator can reject a Base Rate Plan using GUI.
9.	Validate that DPS Operator can modify (a Rejected / Pending) Base Rate Plan using GUI.
10.	Validate that DPS Administrator can approve a Base Rate Plan using GUI.
11.	Validate that DPS Administrator can create a new Base Rate Plan using GUI.
12.	Validate that all Base Rate plans are saved and applied correctly.
13.	Validate that the DPS Administrator can create a Coefficient Plan using GUI.
14.	Validate Coefficient plans are saved and applied correctly.
15.	Validate that DPS Administrator can create a Density Based Rate Plan using GUI.
16.	Validate that all Density Based Rate plans are assigned correctly.

Function: **Dynamic Pricing System (DPS)** Test Title: **DPS Configuration** (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	**Test No.**	**Revision** **1.4**

17.	Validate that the DPS Administrator can create Speed Based Rate Plan using GUI.
18.	Validate that all Speed Based Rate plans are assigned correctly.
19.	Validate that the DPS Administrator can add Default Traffic Data.
20.	Validate that the Facility and Roadway Configurations can be sorted and searched.
21.	Validate that the multiple instances of DPS can be opened by Admistrator or Operator
22.	Validate that any updates made to one instance of DPS will be reflected on the other open instance as well.
23.	Validate that an expired Rate Plan can be extended and made active by using Add Dates

TEST PREPARATION

1.	Ensure that tester has the access to DPS URL :
2.	Ensure that DPSAdmin Group account is configured with Admin Security Level for all modules.
3.	Ensure that DPSOper Group account is configured with Update Security Level for all modules.
4.	The Maximum Scheduling Days parameter is set to 10
5.	Ensure the Test Data is available for configuration, including expired rate plan.

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

Test Date:	Test Conductor:

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
1.	Launch DPS as DPS Administrator.	The user is logged in as DPS Administrator. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		[Test Objective #1] Start Add Sensor **Note** : For FAT, All tests would be conducted by a DPS Admin User.
2.	In the menu bar, select *Facility → Sensors*.	The *View Sensor List* page displays.		
3.	Click on *Add* hyperlink.	The *Add Sensor* page displays.		
4.	Verify the 'Type' dropdown list options / values.	The 'Type' dropdown list has the following values : - TP - MDS - AVISS		
5.	Verify the 'Lane Type' dropdown list options / values.	The 'Lane Type' dropdown list has the following values : - Express lane - General Purpose lane		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
6.	Fill in Sensor information according to the test data [Table Sensors, Attachment 1]), and Click on *Submit*	The *View Sensor List* page displays and newly added sensor is displayed in the list. (Will be the latest added sensor in the last page of the View Sensors List Page).		[Test Objective #1] Create MVD Sensor by DPS Administrator
7.	Click on the ID of the newly configured sensor.	The *Update Sensor* page displays, with the details of the selected sensor.		
8.	Click on the Cancel button	The *View Sensor List* page is displayed, with the list of all sensors.		
9.	Log out of DPS as a DPS Administrator	The DPS Administrator is logged out, and the login page is displayed.		
10.	Log into DPS as DPS Operator.	The user is logged in as *DPS Operator*. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		Note : This will be tested after SSO is integrated with DPS
11.	In the menu bar select *Facility → Sensors*.	The *View Sensor List* page displays.		
12.	Click on *Add* hyperlink.	The *Add Sensor* page displays.		
13.	Fill in Sensor information according to the test data [Table Sensors, Attachment 1]), and Click on *Submit*.	The *View Sensor List* page displays and newly added sensor is present in the list.		[Test Objective #1] Create TP Sensor as a DPSOper user.
14.	Click on the *ID* of the newly configured sensor.	The *Update Sensor* page displays, with the details of the selected sensor.		
15.	Click on the *Cancel* button	The *View Sensor List* page is displayed, with the list of all sensors.		[Test Objective #1] End Add Sensor

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
16.	Log out of DPS as Operator.	The DPS Operator is logged out, and the login page is displayed		
17.	Log into DPS as DPS Administrator.	The user is logged in as DPS Administrator. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		Login as DPSAdmin user.
18.	In the menu bar select *Facility > Tolling Points* Screen.	The *View Toll Point List* page displays.		[Test Objective # 2] Start
19.	Click on *Add* hyperlink.	The *Add Tolling Point* page displays.		
20.	Fill in all data for Toll Point according to the test data [Table Tolling Points, Attachment 1] and click on *Submit*.	The *View Toll Point List* page is displayed, and the newly added (configured) Toll Point is added to the list.		
21.	Click on the *ID* of the newly configured Toll Point	The *Update Toll Point* page displays, with the details of the selected Toll Point.		
22.	Click on the *Cancel* Button	The *View Toll Point List* page is displayed.		[Test Objective # 2] End
23.	In the menu bar select *Facility > Pricing Segments*	The *View Pricing Segments* page displays.		[Test Objective #3] Create Pricing Segment as DPSAdmin user.
24.	Click on *Add* hyperlink.	*Add Pricing Segment* page displays.		

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
25.	On Add Pricing Segment page, fill in the data according to the test data for the Pricing Segment [see Table Pricing Segments, Attachment 1] and click on *Submit.*	The *View Pricing Segments* page displays and the newly configured Pricing Segment is added to the list.		
26.	Click on the *ID* of the newly configured Pricing Segment.	The *Update Pricing Segment* page is displayed, with the details of the selected Pricing Segment.		
27.	Click on Cancel button	The *View Pricing Segments* page is displayed.		[Test Objective # 3] End
28.	In the menu bar select *Facility > Trip O/D Pairs*	The *View OD Pairs* page is displayed.		Test Objective # 4] Create Trip O/D Pairs as DPSAdmin user.
29.	Click on *Add* hyperlink.	The *Add Trip O/D Pair* page is displayed.		
30.	On the Add Trip O/D Pair page, enter the data according to the test Data [see Table O/D Pairs, Attachment 1] and click on *Submit*	The *View OD Pairs* page is displayed and the newly configured Trip O/D Pair is added to the list.		
31.	Click on the *ID* of the newly configured Trip O/D Pair.	The *Update Trip O/D Pair* page is displayed with the details of the selected Trip O/D Pair		
32.	Click on the 'Cancel' button	The *View OD Pairs* page is displayed, with the list of all Trip O/D Pairs.		[Test Objective # 4] End
33.	In the menu bar select *Facility → TRCMS.*	The *View TRCMS* page is displayed.		[Test Objective # 5] Start Add CMS Group

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
34.	Click on *Add* hyperlink.	The *Add TRCMS Group* page displays.		
35.	Fill in the details with test data for TRCMS Group [see Table TRCMS Group, Attachment 1] and click on *Submit* to add TRCMS Group.	The *TRCMS Group* is configured, and the *View TRCMS* page is displayed, with the newly configured TRCMS added to the list.		
36.	Click on the ID of the newly added TRCMS Group	The *Update TRCMS* Group page is displayed, with the details of the added TRCMS Group info.		
37.	Change the following in the *Update TRCMS* page : Sign Line = 3 Description = UpdateTest - NB 75 south of SR-155 (STA 437 + 60) Click on Submit	The updates are accepted and the *View TRCMS* page is displayed.		
38.	Click on the ID of the recently updated TRCMS Group (in step 22)	The *Update TRCMS* Group page is displayed, with the details of the added TRCMS Group info. The TRCMS Group has updated Sign Line and Description.		
39.	Click Cancel	The *View TRCMS Group* page is displayed.		End of [Test Objective #5] Add CMS.
40.	In the menu bar select *Facility > Toll Point Adjustments*	The *View Toll Point Adjustments* page displays.		Test Objective # 6] Create Toll Point Adjustment by DPS Administrator
41.	Click on *Add* hyperlink.	The *Add Toll Point Adjustment* page displays.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
42.	On the Add Toll Point Adjustment page, enter details according to the test Data [see Toll Point Adjustment, Attachment 1] and click *Submit*	The *View Toll Point Adjustments* page displays, and the newly configured Toll Point Adjustment is added to the list.		
43.	Click on the 'TRCMS AVI Read' link of the newly configured Toll Point Adjustment.	The *Update Toll Point Adjustment* page is displayed with the details of the selected Toll Point Adjustment		
44.	Click on the Cancel button	The *View Toll Point Adjustments* page displays,		[Test Objective # 6] End
45.	Login to Report Server (Tableau server)	The user is logged in and is on the Tableau Workbooks page.		
46.	Launch the DPS Reports, by clicking on Projects > DPS	The DPS Reports Workbooks page is displayed.		
47.	Click on the DPS Configuration Report (Custom) link.	The DPS Configurations Report is launched.		
48.	Select Facility=Interstate 75A (South) Direction = North Bound	The DPS Configurations Report for I75A, Northbound is displayed, with the details listed.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
49.	Verify the newly added Facility configurations in the Report.	All the newly added Facility configurations, listed below, will be displayed in the DPS Configurations Report. Sensors : • TMDS-75A-217.2-03-ET • TMDS-75A-217.2-04-ET CMS Group : • TCMS-NB from 75 South of SR-155 Toll Point : • Test-TP-75A-111-222-01 Pricing Segment : • Test-NB 75XL PS11 Trip OD Pair : • Test-TP1NB-TP5aNB		
50.	Log out as DPS Administrator.	The user is logged out from DPS.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
51.	Login into DPS, as DPS Operator.	The user is logged in as DPS Operator. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		Note : DPS Operator role tests would be conducted after SSO integration with DPS [Test Objective 7] Start Base Rate Plan DPSOper user.
52.	In the menu bar select *Rate Plans > Base Rate Plans.*	The *Base Rate Plan* page displays.		
53.	Click on the *Add* hyperlink.	The *Add Base Rate Plan* page appears.		
54.	Fill in all the fields according to the test data to add Base Rate Plan for WEEKDAYS [see Table Base Rate, Attachment 1] and click on *Submit*.	A message "The date range is greater than the maximum scheduling days limit" is displayed.		[Test Objective # 7] End Base Rate Plan
55.	Change End Date = Start Date + 7 Days and click on Submit	The *Base Rate Plan* page displays. The newly configured *WEEKDAYS* Base Rate Plan is added to the list and the status is *PENDING*.		
56.	Log out of DPS as DPS Operator	The user is logged out of the DPS as DPS Operator.		

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
57.	Log into DPS as DPS Administrator	The user is logged in as DPS Administrator. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		[Test Objective 8] Start Reject Base Rate Plan DPSAdmin user
58.	In the menu bar select *Rate Plans > Base Rate Plans*	The *Base Rate Plan* page displays.		
59.	Click on the *ID* of the newly configured Base Rate Plan by the Operator that was just created	The *Update Base Rate Plan* page displays.		
60.	Click on *Reject*.	The *Base Rate Plan* page displays and the status of Base Rate Plan *(WEEKDAYS)* is *REJECTED*.		[Test Objective #8] End Reject the plan by DPSAdmin.
61.	Log out as DPS Administrator	The user is logged out.		
62.	Log into DPS as DPS Operator	The user is logged in as DPS Operator. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		[Test Objective # 9] Start Modify Base Rate Plan - Operator
63.	In the menu bar select *Rate Plans > Base Rate Plans*	The *Base Rate Plan* page displays.		
64.	Click on the *ID* of the newly configured Base Rate Plan (*WEEKDAYS*) that was rejected by the Admin in the previous step.	*Update Base Rate Plan* page displays.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
65.	Modify the last row as below and click *Submit*. *2000 2359 0.00 0.25 20.00*	The *Base Rate Plan* page displays and the status of the newly configured and updated Base Rate Plan *(WEEKDAYS)* plan is now *PENDING* again.		[Test Objective # 9] End Modify Base Rate Plan – Operator
66.	Log out as DPS Operator	The user is logged out as DPS Operator		
67.	Log into DPS as DPS Administrator	The user is logged in as DPS Administrator. The *Monitor → Sign Rate & Traffic Data Exceptions* page is displayed.		[Test Objective # 10] Start Approve Base Rate Plan - Admin
68.	In the menu bar select *Rate Plans > Base Rate Plans.*	The *Base Rate Plan* page displays.		
69.	Click on *ID* of the newly configured Base Rate Plan (WEEKDAYS) that was modified by the Operator and Submitted	The *Update Base Rate Plan* page displays with the details of the selected Plan.		
70.	Click on *Approve*.	The *Base Rate Plan* page displays and the status of the new configured *Base Rate Plan (WEEKDAYS)* is *APPROVED*.		[Test Objective #10] End Approve Base Rate Plan - Admin
71.	Click on *Add* hyperlink.	The *Add Base Rate Plan* page displays.		[Test Objective # 11] Start Create new base rate plan - admin
72.	Fill in the fields according to the test data (for *WEEKENDS AND HOLIDAYS* plan [see Table Base Rate, Attachment 1]) and click submit.	The *Base Rate Plan* page displays and the status of the newly configured Base Rate Plan *(WEEKENDS AND HOLIDAYS)* is *PENDING.*		

Function: **Dynamic Pricing System (DPS)** Test Title: **DPS Configuration** (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
73.	Click on the *ID* of the newly configured Base Rate Plan (WEEKENDS and HOLIDAYS)	The *Update Base Rate Plan* page displays with the details of the selected Base Rate Plan.		
74.	Click on *Approve*.	The *Base Rate Plan* page displays and the status of the newly configured Base Rate Plan (WEEKENDS and HOLIDAYS) plan is *APPROVED*.		[Test Objective#11] End Create new base rate plan-Admin
75.	In the menu bar select *Rate Plans > Daily Trip O/D Pair Plans* screen. Select Start Date, End Date and Facility, click on Refine Search	*WEEKDAYS* plan is represented for all weekdays (that have not been defined as holidays) for all trip O/D Pairs except: *WEEKENDS AND HOLIDAYS* is represented for all trip O/D pairs for weekends and holidays between the start and end dates.		[Test Objective # 12] Plans saved and applied correctly
76.	Click on *Rate Plans→ Base Rate Plans*	The *Base Rate Plans page* is displayed.		
77.	Click on the *Copy* icon against the newly configured Base Rate Plan (WEEKENDS and HOLIDAYS)	The *Add Base Rate Plan page* is displayed, with the details of the WEEKENDS AND HOLIDAYS plan filled in.		Test for Copy Plan.

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
78.	Try to enter the name of the Base Rate Plan which is more than 128 characters in length. (E.g abcdefghijklmnopqrstuvwxyz-abcdefghijklmnopqrstuvwxyz-abcdefghijklmnopqrstuvwxyz-abcdefghijklmnopqrstuvwxyz-abcdefghijklmnopqrstuvwxyz)	The plan name field accepts only 128 characters. Additional characters entered beyond 128 are not accepted in the plan name field.		Test for the length of the Rate Plan
79.	Change the name of the Base Rate Plan to WEEKENDS AND HOLIDAYS COPY Change the End Date to a different date. Click on *Submit*	The *Base Rate Plan* page is displayed, and the newly configured plan, WEEKENDS AND HOLIDAYS COPY, which was configured by copying existing plan, is added to the list of the Base Rate Plans.		
80.	On the Reports window, click on Projects > DPS	The DPS Reports Workbooks page is displayed.		
81.	Click on the DPS Base Rate Plan Report	The DPS Base Rate Plan Report is launched.		
82.	On the Base Rate Plan Report, select the below – Facility = I75A Plan Name = I75-FAT-BRP-Weekdays	The DPS Base Rate Plan Report is displayed with the details of the selected I75-FAT-BRP-Weekdays plan.		
83.	Now select the Plan Name = I75-FAT-BRP-WKNDS and HLDY	The DPS Base Rate Plan Report is displayed with the details of the selected I75-FAT-BRP-WKNDS and HLDY plan.		

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
84.	On the DPS window menu bar select *Rate Plans > Coefficient Plans.*	The *Coefficient Plan* page displays.		[Test Objective # 13] Start Create Coefficient Plan - Admin
85.	Click on *Add* hyperlink.	The *Add Coefficient Plan* page displays.		
86.	Fill in the fields for the Coefficient Plan according to the test data (Table Coefficient Rate, Attachment 1) Verify if all the sensors for corresponding Pricing Segments are assigned default Weighting of 1	All the Sensors for all Pricing Segments are assigned a default Weighting of 1		.
87.	Click on *Submit* button	The *Coefficient Plan* page displays, and the newly configured Coefficient Plan *(I75-STANDARD-ALL DAYS)* is added to the list, and its status is *Pending*.		
88.	Click on the *ID* of the newly configured Coefficient Plan created .	The *Update Coefficient Plan* page displays.		
89.	Click on *Approve*.	The *Coefficient Plan* page displays and the status of the newly configured Coefficient Plan is *APPROVED*.		[Test Objective #13] End Create Coefficient Plan - Admin

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
90.	In the menu bar select *Rate Plans > Daily Pricing Segment Plan.* Do a Refine Search for the dates the Coefficient Plan was configured.	*Daily Pricing Segment Plans* page displays, and Coefficient Plans are assigned correctly.		[Test Objective #14] Start Coefficient Plans are saved and implied correctly.
91.	On the Reports window, click on Projects > DPS	The DPS Reports Workbooks page is displayed.		
92.	Click on the DPS Coefficient Rate Plan Report	The DPS Coefficient Rate Plan Report is launched.		
93.	On the Coefficient Rate Plan Report, select the below – Facility = I75A Plan Name = I75-FAT-COEF-Standard	The DPS Coefficient Rate Plan Report is displayed with the details of the selected I75-FAT-COEF-Standard plan.		
94.	On the DPS window menu bar, select *Rate Plans > Density Based Rate Plans.*	The *Density-Based Rate Plan* page displays.		[Test Objective # 15] Start Create Density Plan - Admin
95.	Click on *Add* hyperlink.	The *Add Density-Based Rate Plan* page displays.		
96.	On the Add Density-Based Rate Plan page, enter test data defined in the Table Density Based Rates, Attachment 1, and click *Submit*.	The *Density-Based Rate Plan* page displays and the newly configured Density-Based Rate Plan (*DB-I75-FAT-Weekdays-1)* is added to the list and its status is *Pending*.		

Function: **Dynamic Pricing System (DPS)** **Test Title: DPS Configuration** (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	**Test No.**	**Revision** **1.4**

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
97.	Click on the *ID* of the newly configured Density-Based Rate Plan *(DB-I75-FAT-Weekdays-1)*.	The *Update Density-Based Plan* page displays, with the details of the selected plan.		
98.	Click on *Approve*.	The *Density-Based Rate Plan* page displays and the status of the newly configured Density-Based Rate Plan is *APPROVED*.		[Test Objective #15] End Create Density Plan - Admin
99.	Go to *Rate Plan > Daily Pricing Segment Plans* and check the assignment of the newly configured Density-Based Rate Plan to the pricing segments. Do a Refine Search by date for the configured dates.	*Daily Pricing Segment Plans* page displays, and *Density Based Rate Plan* is assigned correctly to the Pricing Segments.		[Test Objective #16] DB plans are assigned correctly.
100.	On the Reports window, click on Projects > DPS	The DPS Reports Workbooks page is displayed.		
101.	Click on the DPS Density-Based Rate Plan Report	The DPS Density-Based Rate Plan Report is launched.		
102.	On the Density-Based Rate Plan Report, select the below – Facility = I75A Plan Name = I75-FAT-DB-Weekdays	The DPS Density-Based Rate Plan Report is displayed with the details of the selected I75-FAT-DB-Weekdays plan.		
103.	On the DPS application window, click on the 'Configure' menu item	The Configure DPS Settings page is displayed.		
104.	Click on the Maximum Scheduling Days link	The Update Settings page is displayed for Maximum Scheduling Days.		

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
105.	Change the Maximum Scheduling Days setting to 61 and cliclk on Submit	The value is not accepted, since it is greater than the maximum allowed value for Maximum Scheduling Days. A message is displayed "Please enter a number that is 60 or less"		
106.	Change the Maximum Scheduling Days setting to 0 and cliclk on Submit	The value is not accepted, since it is lesser than the maximum allowed value for Maximum Scheduling Days. A message is displayed "Please enter a number that is 1 or greater"		
107.	Change the Maximum Scheduling Days setting to 20 and cliclk on Submit	The Configure DPS setttings page is displayed, and the Maximum Scheduling Days parameter value is updated and set to 20 days.		
108.	In the menu bar select *Rate Plans > Speed Based Rate Plans.*	The *Speed-Based Rate Plan* page displays.		[Test Objective #17] Start Create Speed Based Rate Plan - Admin
109.	Click on *Add* hyperlink.	The *Add Speed-Based Rate Plan* page displays.		
110.	On the *Add Speed-Based Rate Plan page,* enter the details with test data defined in the Table Speed Based Rate, Attachment 1, and click *Submit*.	A message "The date range is greater than the maximum scheduling days limit" is displayed.		

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
111.	Change End Date = Start Date + 14 Days and click on Submit.	The *Speed-Based Rate Plan* page displays, and newly configured Speed-Based Rate Plan *(I75-WEEKDAYS)* is added to the list, and its Status is *PENDING*.		
112.	Click on the *ID* of the newly configured Speed-Based Rate Plan. (*I75-WEEKDAYS*)	The *Update Speed-Based Rate Plan* page displays, with the details of the selected rate plan.		
113.	Click on *Approve*.	The *Speed-Based Rate Plan* page displays and the status of the newly configured Speed-Based Rate Plan is *APPROVED*.		[Test Objective #17] End Create Speed Rate Plan - Admin
114.	Go to *Rate Plan > Daily Pricing Segment Plans* and check the assignment of the newly configured Speed-Based Rate Plan to the pricing segments. Do a Refine Search by dates on the configured plan.	*Daily Pricing Segment Plans* page displays, and *Speed-Based Rate Plans* are assigned correctly.		[Test Objective #18] Speed Plans assigned correctly.
115.	On the Reports window, click on Projects > DPS	The DPS Reports Workbooks page is displayed.		
116.	Click on the DPS Speed-Based Rate Plan Report	The DPS Speed-Based Rate Plan Report is launched.		
117.	On the Speed-Based Rate Plan Report, select the below – Facility = I75A Plan Name = I75-FAT-SB-Weekdays	The DPS Speed-Based Rate Plan Report is displayed with the details of the selected I75-FAT-SB-Weekdays plan.		

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STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
118.	On the DPS window menu bar, select *Rate Plans* > *Default Traffic Data Plan*.	The *Default Traffic Data Plan* page displays.		Test Objective #19] Start Add default TD - Admin.
119.	Click on *Add* hyperlink.	The *Add Default Traffic Data Plan* page displays.		
120.	On the *Add Default Traffic Data Plan* page, enter the test data defined in the Table Default Traffic Data, Attachment 1, and click *Submit*.	The *Default Traffic Data Plan* page displays, and the newly configured Default Traffic Data Plan is added to the list, and the status is *PENDING*.		
121.	Click on the *ID* of the newly configured Default Traffic Data Plan	The *Update Default Traffic Data Plan* page displays, with the details of the selected plan.		
122.	Click on *Approve*.	The *Default Traffic Data Plan* page displays and the status of the newly configured Default Traffic Data Plan is *APPROVED*.		Test Objective #19] End Add default TD - Admin.
123.	On the Reports window, click on Projects > DPS	The DPS Reports Workbooks page is displayed.		
124.	Click on the DPS Default Traffic Data Plan Report	The DPS Default Traffic Data Plan Report is launched.		
125.	On the DPS Default Traffic Data Plan Report, select the below – Facility = I75A Plan Name = I75-FAT-DefaultTD	The DPS Default Traffic Data Plan Report is displayed with the details of the selected I75-FAT-DefaultTD plan.		
126.	Log out of DPS	The user is logged out of DPS.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
127.	Log out of Reports	The user is logged out of Reports.		
128.	On the DPS window, click on *Configure*	The *Configure DPS Settings* page is displayed.		
129.	On the *Configure DPS Settings* page, click on *Historical Average Days*	The *Update Settings* page is displayed for the *Historical Average Days,* with the details filled in.		
130.	Change the setting to 35. Click on *Submit*	The *Configure DPS Settings* page is displayed, The *Historical Average Update Days* is now set to 35 days.		
131.	On the *Configure DPS Settings* page, click on *Trip Price Quantize Multiple*	The *Update Settings* page is displayed for the *Trip Price Quantize Multiple,* with the details filled in.		
132.	Change the setting to 10. Click on *Submit*	The *Configure DPS Settings* page is displayed, The *Trip Price Quantize Multiple* is now set to 10.		
133.	Click on *Configure → Holiday*	The *Holiday Configuration Information* page is displayed.		
134.	Click on *Add*	The *Add Holiday* page is displayed.		

Function: **Dynamic Pricing System (DPS)** Test Title: **DPS Configuration** (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
135.	On the *Add Holiday* page, enter Date = 12/25/2016 Holiday = Christmas Click on *Submit*	The *Holiday Configuration Information* page is displayed and the newly added holiday, Christmas, is listed in the list of configured holidays.		
136.	Go to the Sensors Page, by clicking on *Facility* → Sensors	The *View Sensor List* page is displayed.		
137.	Click on the *Device Name* column header of the Sensor List table.	The sensors are sorted by the *Device Name* in alphabetical order.		Test for Sort
138.	Click again on the *Device Name* column header of the Sensor List table.	The sensors are sorted by the *Device Name* alphabetically in reverse order		
139.	Click on the *Description* column header of the Sensor List table.	The sensors are sorted by the *Description* in alphabetical order.		
140.	Click again on the *Description* column header of the Sensor List table.	The sensors are sorted by the *Description* alphabetically in reverse order		
141.	Click on the *ID* column header of the Sensor List table.	The sensors are sorted by the *ID* in alphabetical order.		
142.	Click again on the *ID* column header of the Sensor List table.	The sensors are sorted by the *ID* alphabetically in descending order		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
143.	On the *View Sensor List* page, select Type = MDS Facility = Interstate 75A (South) Direction = North Bound Click on Refine Search	All the sensors of type MDS, in Facility I-75A South, and assigned for North Bound direction are displayed in the *Search* results.		
144.	Enter Name = "MDS-75A-220.0-01-EL-2" on the Sensor List page, and click on *Refine Search* button again.	The Sensor details for the specified Sensor name are displayed.		
145.	Click on the *ID of the sensor*	The *Update Sensor* page is displayed, with the details of the sensor.		
146.	Click on the '*Cancel'* button	The *View Sensor List* page is displayed, with the results of the Refine Search		
147.	Go the Trip O/D Pairs page, by clicking on the *Trip O/D Pairs link*	The *View O/D Pairs* page is displayed, with the list of Trip O/D Pairs.		
148.	Click on the *ID* column header of the O/D Pairs table.	The Trip O/D pairs are sorted by the descending order of *ID.*		
149.	Click on the *O/D Pair* column header of the O/D Pairs table.	The Trip O/D pairs are sorted by the *O/D Pair name* alphabetically.		
150.	Click again on the *O/D Pair* column header of the O/D Pairs table.	The Trip O/D pairs are sorted by the *O/D Pair name* alphabetically in the reverse order.		
151.	Click on the *Entry Toll Point* column header of the O/D Pairs table.	The Trip O/D pairs are sorted by the *Entry Toll Point* alphabetically.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
152.	Click again on *Entry Toll Point* header of the O/D Pairs table.	The Trip O/D pairs are sorted by the *Entry Toll Point* alphabetically in the reverse order.		
153.	On the *View O/D Pairs* page, enter Trip OD Pair = "Toll Point 3 NB – Toll Point 5a NB" Facility = Interstate 75 A (South) Click on *Refine Search*	The Trip O/D Pair details for the O/D Pair "Toll Point 3 NB – Toll Point 5a NB" is displayed as search result.		Test to search for Trip O/D Pair.
154.	Click on the ID of the O/D Pair "Toll Point 3 NB – Toll Point 5a NB" in the search result table	The *Update Trip O/D Pair* page is displayed for the O/D Pair "Toll Point 3 NB – Toll Point 5a NB" with all the details displayed.		
155.	Click on the *Cancel button.*	The user is back on the *View O/D Pairs* page, with the search result table listing the OD Pair "Toll Point 3 NB – Toll Point 5a NB"		
156.	Click on the *Rate Plans → Base Rate Plans* on the menu bar	The *Base Rate Plan* page is displayed.		
157.	Click on the *ID* column header.	The Base Rate Plans are listed in the descending order of ID		Test for Sort of Rate Plans
158.	Click on the *Abstract Plan Name* column header	The Base Rate Plans are listed in the alphabetical order.		
159.	Click again on the *Abstract Plan Name* column header	The Base Rate Plans are listed in the reverse alphabetical order.		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
160.	Click on the *Updated* column header	The Base Rate Plans are listed according to the updated date, starting with earliest date and ending with the latest.		
161.	Click again on the *Updated* column header	The Base Rate Plans are listed according to the updated date, starting with latest date and ending with the earliest.		
162.	Click on the *End Date* column header	The Base Rate Plans are listed according to the *End Date*, starting with earliest date and ending with the latest.		
163.	Click again on the *End Date* column header	The Base Rate Plans are listed according to the *End Date* date, starting with latest date and ending with the earliest.		
164.	Navigate to the *Daily Trip O/D Pair Plans* page *Rate Plans → Daily Trip O/D Pair Plans*	The *Daily Trip O/D Pair Plan* page is displayed.		Test to search for active and assigned rate plans against OD Pairs.
165.	On the *Daily Trip O/D Pair Plans* page, enter Start Date = Current Date +1 End Date = Start Date + 7 days Facility = Interstate 75A (South) Click on *Refine Search*	The assigned Base Rate Plans are listed against the Trip O/D Pairs, for the specified date Range, that are active and in effect for pricing.		
166.	Navigate to the *Daily Pricing Segments Plans* page *Rate Plans → Daily Pricing Segment Plans*	The *Daily Pricing Segments Plan* page is displayed.		Test to search for active and assigned rate plans against Pricing Segments

Function: **Dynamic Pricing System (DPS)** Test Title: **DPS Configuration** (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
167.	On the *Daily Pricing Segments Plans* page, enter Start Date = Current Date +1 End Date = Start Date + 7 days (or any future date) Facility = Interstate 75A (South) Click on *Refine Search*	The assigned Dynamic Rate Plans (Coefficient, Density Based, Speed Based and Default Traffic Data Plan) are listed against the Pricing Segments, for the specified date Range, that are active and in effect for pricing.		
168.	Navigate to the *Base Rate Plans* page *Rate Plans → Base Rate Plans*	The *Base Rate Plan* page is displayed.		
169.	On the Base Rate Plan page, on the top section, enter the below details in the search fields – Name = I75-FAT-BRP-Weekdays Click on Refine Search	The Base Rate Plan *I75-FAT-BRP-Weekdays* is displayed in the search results table.		This should be exectuted after the SSO Integration Test for Rate Plans Search
170.	Click on the *ID* of the Base Rate Plan BRP 1	The *Update Base Rate Plan* page is displayed, with the details of the selected Base Rate Plan.		
171.	Click on *Cancel*	The *Base Rate Plan* page is displayed back with the search results.		
172.	Click on the *Rate Plans → Density Based Rate Plans* on the menu bar	The *Density-Based Rate Plan* page is displayed.		
173.	Click on the *ID* column header.	The Density Based Rate Plans are listed in the descending order of ID		

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
174.	Click on the *Name* column header	The Density Based Rate Plans are listed in the alphabetical order.		
175.	Click again on the *Name* column header	The Density Based Rate Plans are listed in the reverse alphabetical order.		
176.	Click on the *Updated* column header	The Density Based Rate Plans are listed according to the updated date, starting with earliest date and ending with the latest.		
177.	Click again on the *Updated* column header	The Density Based Rate Plans are listed according to the updated date, starting with latest date and ending with the earliest.		
178.	Click on the *End Date* column header	The Density Based Rate Plans are listed according to the *End Date*, starting with earliest date and ending with the latest.		
179.	Click again on the *End Date* column header	The Density Based Rate Plans are listed according to the *End Date* date, starting with latest date and ending with the earliest.		
180.	On the Density Based Rate Plans page, on the top section, enter the below details in the search fields – Name = I75S-FAT-DBRP-PS1PS2-1 Click on Refine Search	The Density Based Rate Plan = I75S-FAT-DBRP-PS1PS2-1 is displayed in the search results table.		This should be exectuted after the SSO Integration Test for Rate Plans Search

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
181.	Click on the *ID* of the Density Based Rate Plan = I75S-FAT-DB-Weekdays	The *Update Density Rate Plan* page is displayed, with the details of the selected Density Based Rate Plan.		
182.	Click on *Cancel*	The *Density Based Rate Plan* page is displayed back with the search results.		
183.	On the Density Rate Plan, on the top section, enter the below details in the search fields – Creator = _____ Click on Refine Search	The Density Based Rate Plans that are created by the specified user are displayed in the search results table.		This should be exectuted after the SSO Integration
184.	Navigate to the Density Rate Plans page *Rate Plans → Density Based Rate Plans*	The *Density Based Rate Plan* page is displayed.		
185.	On the Density Rate Plan, on the top section, enter the below details in the search fields – Start Date = Current Date – 3 months End Date = Current Date Click on Refine Search	The Density Based Rate Plans that were created in the specified date range are displayed in the search results table.		This should be exectuted after the SSO Integration
186.	Open another instance of DPS (by clicking on the URL to launch DPS)	A second instance of DPS is open in a adjacent tab of the browser.		Test for Multiple Instances.
187.	On the second instance of DPS, navigate to the *Sensors* page *Facility → Sensors*	The *View Sensor List* page is displayed.		

Function: **Dynamic Pricing System (DPS)** **Test Title: DPS Configuration** (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	**Test No.**	**Revision** **1.4**

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
188.	Click on the *ID* of the sensor TMDS-75A-217.2-03-ET	The *Update Sensor* page is displayed, with the details of selected sensor listed.		
189.	On the *Update Sensor* page, change the Device Name to XMDS-75A-217.2-03-ET Click on *Submit*	The Sensor data is updated and the Device Name is changed to XMDS-75A-217.2-03-ET		Test for updating the DB on a second instance and reflecting the changes on multiple instances.
190.	Go back to the first instance of the DPS Navigate to the *Sensors* page *Facility → Sensors*	The *View Sensor List* page is displayed.		
191.	Search for the sensor XMDS-75A-217.2-03-ET Using Refine Search	The search results displays the sensor details for XMDS-75A-217.2-03-ET The sensor *Device Name,* which was updated in the second instance of the DPS is reflected in the first instance of the DPS.		
192.	Navigate to the *Base Rate Plans* page. *Rate Plans → Base Rate Plans*	The *Base Rate Plan* page is displayed.		
193.	On the *Base Rate Plan* page, click on the *ID* of an expired Base Rate Plan (e.g 'BRP-Expired').	The *Update Base Rate Plan* page is displayed, with the details of the plan listed.		
194.	Click on *Add Date* button	The *Start Date, End Date and the days selection fields* are enabled. The *Add Date* button is disabled.		Test to extend or re-use a rate plan.

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

STEP	SPECIFIC TEST INSTRUCTION(S)	EXPECTED RESULTS	P/F	COMMENTS
195.	Change the *Start Date and End Dates* Start Date = Current Date +1 End Date = Start Date + 3 days Click on *Submit*	The Base Rate Plan 'BRP-Expired' is updated with the new dates. The *Base Rate Plan* page is displayed and the plan 'BRP-Expired' is listed with the new dates.		
196.	Go to the Daily Trip O/D Pair Plans *Rate Plans → Daily Trip OD Pair Plans*	The *Daily Trip O/D Pair Plan* page is displayed.		
197.	On the *Daily Trip O/D Pair Plan* page, enter Start Date = Current Date +1 End Date = Start Date + 3 days Facility = Interstate 75A (South) Click on *Refine Search*	The Base Rate Plan 'BRP-Expired' is now listed as active and assigned to the plan's Trip O/D Pairs.		
198.				
199.				

END OF TEST EXECUTION

FINAL SIGNOFF AND COMMENTS

Function: Dynamic Pricing System (DPS) Test Title: DPS Configuration (Verify that the DPS is highly configurable, allowing authorized administrators and users to define and implement diverse roadway / equipment deployments and pricing strategies.)	Test No.	Revision 1.4

FOR ~~3M~~Company:	DATE:	FOR SRTA:	DATE:
FOR QA:	DATE:		

ADDITIONAL TEST NOTES (Not required for review or approval)	
STEP	NOTES

Attachment 1 – Sample Data for Reference System

User Accounts (To be configured as part of Test Preparation)

User ID	Username	Password	User Group	FIRSTNAME	LATNAME
	FATADM		DPSAdmin	DPS	ADMIN
	FATOPR		DPSOper	DPS	OPERATOR

Sensors

*Created as Administrator

Add Sensor - Test Data	
ID	<< To be auto generated >>
Device Name	TMDS-75A-217.2-03-ET
Station	99991234
Status	Active
Description	M217.2-S XL nr XL start (STA 520+00) - NB Express Lane - A
Type	MDS
Lane	1
Lane Type	Express Lane
Facility	Interstate 75 A (South)
Direction	North Bound
Preferable	Yes

*Created as operator

Add Sensor - Test Data	
ID	<< To be auto generated >>
Device Name	TMDS-75A-217.2-04-ET
Station	88881234
Status	Active
Description	M217.2-S XL nr XL start (STA 520+00) - NB Express Lane - O
Type	MDS
Lane	1
Lane Type	Express Lane
Facility	Interstate 75 A (South)
Direction	North Bound
Preferable	Yes

Tolling Points

Add Tolling Point - Test Data	
Id	<< To be auto generated>>
Device Name	Test-TP-75A-111-222-01
Description	Test TP1 NB near 111 and 222
Lane	1
Min Look Back Time	20
Max Look Back Time	45
Mile Marker	222
Fast Travel Allowance	2000
Slow Travel Allowance	100
Facility	Interstate 75 A (South)
Direction	North Bound
Type	Entry
Preferable	Yes

Pricing Segments

Add Pricing Segment - Test Data	
Id	<< To be auto generated>>
Name	Test-NB 75XL PS11
Facility	Interstate 75 A (South)
Direction	North Bound
Preferable	Yes
TD Alt - Primary	NB 75XL PS1
TD Alt - Secondary	NB 75XL PS2
Sensors	TMDS-75A-217.2-03-ET

Trip O/D Pairs

Add Trip O/D Pair - Test Data	
Id	<< To be auto generated>>
Name	Test-TP1NB-TP5aNB
Facility	Interstate 75 A (South)
Direction	North Bound
Entry Tolling Point	Test-TP-75A-111-222-01
Exit Tolling Point	Any Tolling Point, preferably a test TP, if available
Preferable	Yes
Pricing Segments	Test-NB 75XL PS11

CMS Group

Add TRCMS Group - Test Data	
Id	<< To be auto generated>>
Name	TCMS-NB from 75 South of SR-155
Facility	Interstate 75 A (South)
Direction	North Bound
TRCMS Group Type	Entry
Preferable	Yes
Trip OD Pair	
Trip OD Pair	Test-TP1NB-TP5aNB
Sign Text	Test-Toll Point 1 NB - Toll Point 5a NB
Sign Line #	1
TRCMS	
ID	<< To be auto generated >>
Device Name	Test-CMS-75A-215.6-155-01
Description	Test - NB 75 south of SR-155 (STA 437 + 60)
Sign Type	Confirm
Mile Marker	215

Toll Point Adjustment

Add Toll Point Adjustment - Test Data	
Facility	Interstate 75 A (South)
Direction	North Bound
TRCMS AVI Read	AVI-75A-215.6-CMS-01
Toll Entry Point	TP-75A-217.4-155-01
Adjusment Status	Enabled
Adjustment Type	Destination
Preferable	Yes

Base Rate Plan

Base Rate Plan - Weekdays

Add Base Rate Plan - Test Data	
ID	Auto Generated
Name	I75-FAT-BRP-Weekdays
Facility	Interstate 75 A (South)
Direction	North Bound
Trip O/D Pairs	All
Start Date	Tommorrow's date or TBD (to not disturb other tests)
End Date	Start Date + 14 days

Days		Mon, Tue, Wed, Thu, Fri		
Preferable		Yes		
Start Time	End Time	DB Min Rate	DB Max Rate	SB Max Rate
0	959	0	0.5	0.25
1000	1959	0.25	2	0.25
2000	2359	0	0.5	0.25

Base Rate Plan – Weekends and Holidays

Add Base Rate Plan - Test Data				
ID		Auto Generated		
Name		I75-FAT-BRP-WKNDS and HLDY		
Facility		Interstate 75 A (South)		
Direction		North Bound		
Trip O/D Pairs		All		
Start Date		Tommorrow's date or TBD (to not disturb other tests)		
End Date		Start Date + 7 days		
Days		Sat, Sun, Holidays		
Preferable		Yes		
Start Time	End Time	DB Min Rate	DB Max Rate	SB Max Rate
0	659	0	0.5	0.25
700	1559	0	1.5	0.5
1600	2359	0	0.5	0.25

Coefficient Rate Plan

Add Coefficient Plan - Test Data	
Id	Auto Generated
Facility	Interstate 75 A (South)
Direction	North Bound
Name	I75-FAT-COEF-Standard
Pricing Segments	All
Start Date	Tommorrow's date or TBD (to not disturb other tests)
End Date	Start Date + 7 days
Days	Mon, Tue, Wed, Thu, Fri, Sat, Sun, Holidays
Preferable	Yes
Weighting	1 for all sensors

Density Based Rate Plan

Add Density-Based Rate Plan - Test Data	
Id	Auto Generated
Facility	Interstate 75 A (South)
Direction	North Bound
Name	I75-FAT-DB-Weekdays
Pricing Segments	All
Maximum Step Size	6
Start Date	Tommorrow's date or TBD (to not disturb other tests)
End Date	Start Date + 7 days
Days	Mon, Tue, Wed, Thu, Fri
Preferable	Yes

						ΔRATE1 for ΔMTD=																		
LOSD	Min TD	Max TD	Min Rate	Def Rate	Max Rate	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
A0150	0	50	$0.15	$0.15	$0.15	-0.15	-0.15	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0	0	0.05	0.1	0.1	0.15	0.2	0.25	0.5
B5199	51	99	$0.20	$0.20	$0.20	-0.25	-0.15	-0.1	-0.1	-0.1	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0	0.05	0.05	0.1	0.1	0.15	0.2	0.25	0.5

Speed Based Rates

Add Speed-Based Rate Plan - Test Data							
ID				Auto Generated			
Name				I75-FAT-SB-Weekdays			
Facility				Interstate 75 A (South)			
Direction				North Bound			
Speed1				45			
Speed2				50			
Speed3				55			
Pricing Segments				All			
Start Date				Tommorrow's date or TBD (to not affect other tests)			
End Date				Start Date + 21 days			
Days				Mon, Tue, Wed, Thu, Fri			
Preferable				Yes			
LOSD	Min TD	Max TD	Max Rate	< Speed1	Speed1-Speed2	>Speed2 - Speed3	>Speed3
A	0	10	0.5	0.5	0.25	0	-0.5
B	11	25	1	0.75	0.5	0.25	-0.25
C	26	55	2	1.5	0.75	0	-0.25
D	56	75	2.5	1.75	1.25	0.75	-0.25
E	76	99	3	2	1	0.5	-0.5

Default Traffic Data

Add Default Traffic Data Plan - Test Data			
ID		Auto Generated	
Facility		Interstate 75 A (South)	
Direction		North Bound	
Name		I75-FAT-DefaultTD	
Pricing Segments		All	
Start Date		Tommorrow's date or TBD (to not disturb other tests)	
End Date		Start Date + 7 days	
Days		All	
Preferable		Yes	
Start Time	End Time	Default TD	Default Avg Speed
0	659	10	60
700	1859	35	50
1900	2359	25	60