

Transportation Data Management System (TDMS) – A New Way to Look at Traffic Data

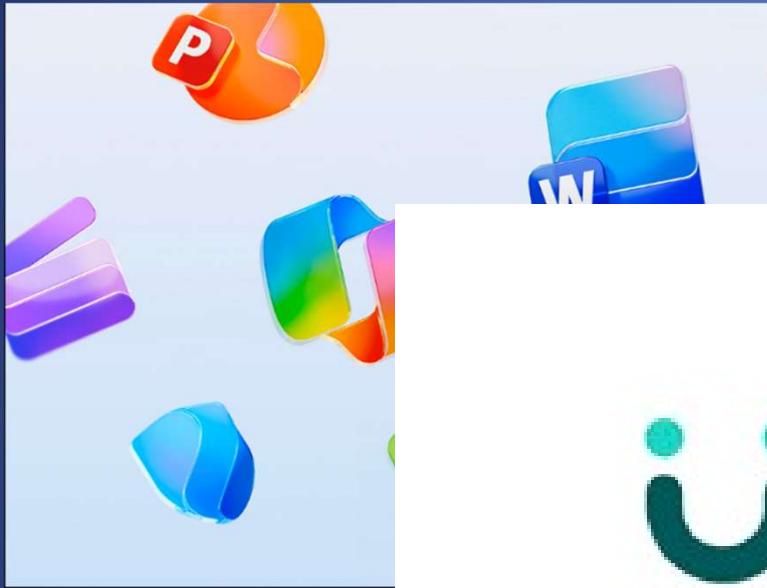


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Staff TSMO Engineer
TSMO Division
Arkansas Department of Transportation



Arkansas Transportation Summit
Jonesboro, AR
October 28, 2025

What is it?



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What is it?

The screenshot shows a web browser window with the URL `ardot.drakewell.com/c2.asp`. The page title is "Drakewell C2-Cloud Traffic Data". The interface includes a navigation bar with "Nodes", "Site Groups", "Settings", and "Help" menus. A dropdown menu at the top prompts the user to "Please select a Node or Site Group". The main content area features a grid of 20 icons representing various data analysis and management tools, such as "C2-Service", "Multi-node map", "Tabular Calendar", "Multi-Node Sites", "Sites", "Site Group/Node Details", "C2-Gateway", "Journey Time", "Data Quality", "End-of-Year", "Data Exports", "Help Desk", "Knowledge Base", "Management", "Site groups", "Site Comparison Analysis", "Site Reconciliation", "Traffic Trends", and "Logout". At the bottom, the version information is displayed: "C2-CLOUD Version 3 - Release 25.09.18.A", along with contact information for Drakewell Inc. and ARDOT.

Please select a Node or Site Group

C2-Service Multi-node map Tabular Calendar Multi-Node Sites

Sites Site Group/Node Details C2-Gateway Journey Time Data Quality End-of-Year Data Exports Help Desk Knowledge Base Management

Site groups Site Comparison Analysis Site Reconciliation Traffic Trends Logout

C2-CLOUD Version 3 - Release 25.09.18.A
DRAKEWELL INC. C2 CLOUD SERVER US SP04 (Nevada) ARDOT
Drakewell Inc. Support Desk: +1 855 742 8348

What is it?

The screenshot shows a web browser window displaying the Drakewell C2-Cloud Traffic Data dashboard. The dashboard features a navigation menu at the top with options for Nodes, Site Groups, Settings, and Help. Below the menu is a search bar with the placeholder text "Please select a Node or Site Group". The main content area is filled with various functional icons arranged in a grid, including: C2-Service, Multi-node map, Tabular Calendar, Multi-Node Sites, Sites, Site Group/Node Details, C2-Gateway, Journey Time, Data Quality, End-of-Year, Data Exports, Help Desk, Knowledge Base, Management, Site groups, Site Comparison Analysis, Site Reconciliation, Traffic Trends, and Logout. At the bottom of the dashboard, there is a version notice: "C2-CLOUD Version 3 - Release 25.09.18.A" and contact information for DrakeWell Inc. and ARDOT.



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Drakewell is TSMOs one application solution to all things traffic data. The TDMS assist in every step in the data collection process. Starting with Scheduling of the Counts, Autopolling of permanent sites, QA/QC of the raw data, Analysis, Storage, Auto Site Reconciliation with ARNOLD, preventative maintenance and a work order system for permanent sites, and inventory management.

Well before we explore these features further, lets discuss how did we get here.

Background: Minute Order 2023-055

ARKANSAS STATE HIGHWAY COMMISSION

MINUTE ORDER

District: Statewide Page 1 of 1 Page
County: Statewide
Category: Miscellaneous

WHEREAS, the Department currently uses a combination of proprietary software and various in-house programs and databases to process and store traffic data; and

WHEREAS, all data analysis is completed using a manual process, which is time consuming and inefficient; and

WHEREAS, in order to streamline data collection, processing and analysis, a modern traffic data management system is needed; and

WHEREAS, the new system will improve efficiency, quality, accessibility, and management of the Department's traffic monitoring system.

NOW THEREFORE, the Director is authorized to acquire the necessary software and services to implement a Traffic Data Management System.

<p>Approved: <u>Alec Sauer</u> Chairman</p> <p><u>Keith Gibson</u> Vice Chairman</p> <p><u>Marie Miller</u> Member</p> <p><u>David M. Hark</u> Member</p>	<p>Submitted by: <u>James J. [Signature]</u> Assistant Chief Engineer - Planning</p> <p>Approved: <u>Jorie H. Suder</u> Director</p> <p>Minute Order No: 2023-055</p> <p>Date Passed: JUN 21 2023</p>
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SR

Form 19-486
Rev. 5/24/2023
Public Release - Minute Orders - Highway System Change/Transfer Data Management System; MO-TDSCS - DocId:34567890



Vendor Selection

ARKANSAS STATE HIGHWAY COMMISSION MEETING February 13, 2024

AGENDA ITEM

Vendor Selection for Traffic Data Management System

BACKGROUND

The Commission approved Minute Order 2023-055 on June 21, 2023, authorizing the Department to engage the services of a qualified vendor to implement a Traffic Data Management System. Public advertisement was made on October 20, 2023, on the Department's website.

Four (4) responses to the request for proposals were received. The firms were evaluated by committee and a demonstration of their platforms were performed.

Drakewell, Inc. – Dover, Delaware
High Desert Traffic, LLC – Santa Fe, New Mexico
Midwestern Software Solutions – Ann Arbor, Michigan
Q-Free America, Inc. – Chesapeake, Virginia

Based on the Evaluation Committee's review, it is recommended that negotiations begin with Drakewell, Inc. A copy of the justification report and the authorizing Minute Order can be found on the following pages.

RECOMMENDED ACTION

Move that Drakewell, Inc., as recommended by the Evaluation Committee, be selected to provide the Traffic Data Management System.

ACTION TAKEN

\\saw\files\Contract\17181\TDM\Agenda Item Selection\Agenda Item Traffic Data Management System.docx

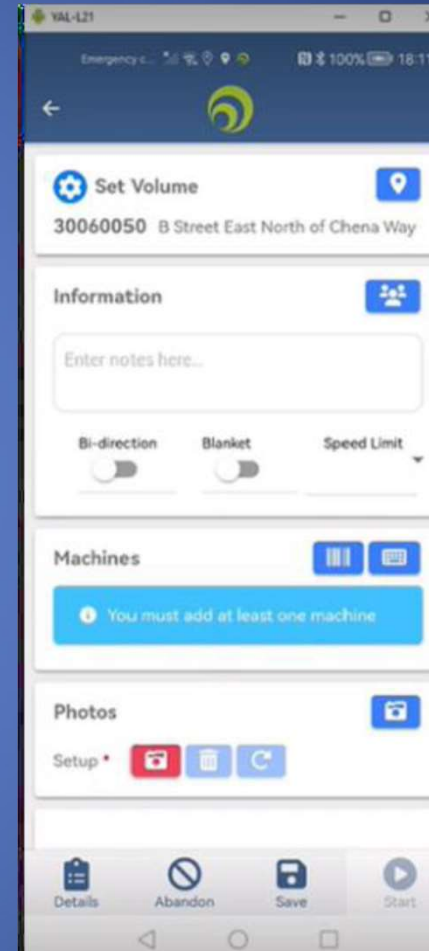
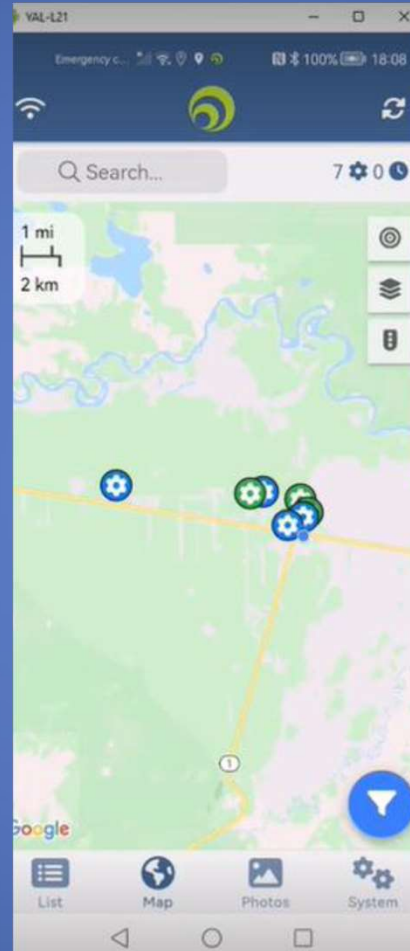
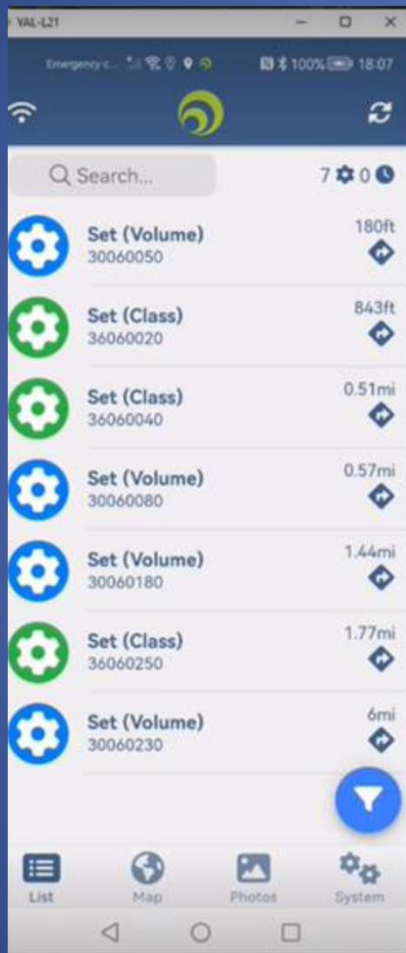
Drakewell's System

The screenshot shows the Drakewell C2-Cloud Traffic Data web application. The browser address bar displays 'ardot.drakewell.com/c2.asp'. The application header includes the title 'Drakewell C2-Cloud Traffic Data' and navigation links for 'Nodes', 'Site Groups', 'Settings', and 'Help'. A dropdown menu at the top prompts the user to 'Please select a Node or Site Group'. The main interface features a grid of 20 functional icons: C2-Service, Multi-node map, Tabular Calendar, Multi-Node Sites, Sites, Site Group/Node Details, C2-Gateway, Journey Time, Data Quality, End-of-Year, Data Exports, Help Desk (with a '2' notification), Knowledge Base, Management, Site groups, Site Comparison Analysis, Site Reconciliation, Traffic Trends, and Logout. At the bottom, the version information is displayed: 'C2-CLOUD Version 3 - Release 25.09.18.A', 'DRAKEWELL INC. C2 CLOUD SERVER US SP04 (Nevada) ARDOT', and 'Drakewell Inc. Support Desk: +1 855 742 8348'.

Portable Data Collection

Boone Co 2024												
Dir	Lane	Station	Location	DC	Machine	Date Out	Time Out	Date In	Time In	Count	ADT	Comments
1	1	050003	SH 007 Sec 190 LM 003.30 bet SH 206 & Crossroad Cemetary Rd	B	265	15-Jul	7:09	17-Jul	11:00	4003	3900	
1	1	050004	CR Harmon Road (A-89) bet US 62 & Crooked Creek Dr	B	215	15-Jul	11:51	17-Jul	15:18	438	440	
3	1	050006	CR E Cowetta Falls Rd (B288) bet SH 7 & Falls Lane	B	213	15-Jul	8:34	17-Jul	12:06	229	220	
3	1	050024	SH 062 Sec 060 LM 5.00 bet US 65 & SH 392	D	272	15-Jul	9:41	17-Jul	13:09	4231	11000	Total 10708
3	2	050024	SH 062 Sec 060 LM 5.00 bet US 65 & SH 392	D	273	15-Jul	9:41	17-Jul	13:07	1126	11000	
7	1	050024	SH 062 Sec 060 LM 5.00 bet US 65 & SH 392	D	270	15-Jul	9:30	17-Jul	12:58	3886	11000	
7	2	050024	SH 062 Sec 060 LM 5.00 bet US 65 & SH 392	D	271	15-Jul	9:29	17-Jul	12:59	1465	11000	
3	1	050048	SH 392 Sec 010 LM 2.27 bet US 65 & Fields Lane	B	266	15-Jul	10:02	17-Jul	13:28	1954	2000	
3	1	050055	SH 206 Sec 010 LM 8.37 bet SH 7 & Witty Ctr	B	200	15-Jul	6:52	17-Jul	10:46	1128	1200	
1	1	050064	CR Flint Hill School Rd (D-241) bet Usrey Rd & Hodges Rd	B	277	15-Jul	10:30	17-Jul	13:55	15	10	
3	1	050080	CR Ralley Hill (A-77) bet Us 65 & SH 206	B	276	15-Jul	12:17	17-Jul	15:46	224	250	
1	1	050088	CR Old US 65 (C-751) bet US 65 & Omaha City Limits	B	206	15-Jul	10:59	17-Jul	14:23	1425	1400	
1	1	050200	SH 007 Sec 190 LM 007.25 bet SH 43 & Hudson Road	D	214	15-Jul	7:28	17-Jul	11:16	3192	6700	Total 6281
5	1	050200	SH 007 Sec 190 LM 007.25 bet SH 43 & Hudson Road	D	221	15-Jul	7:29	17-Jul	11:16	3089	6700	
1	1	050214	CS N Wolf Springs bet U.S. 65 and W Branch Rd, Harrison	B	202	15-Jul	9:11	17-Jul	12:40	489	540	
1	1	050233	CR S Union Rd bet Womak Ave & E Creekwood Rd	B	279	15-Jul	7:52	17-Jul	11:30	299	560	Street Work in area

Portable Data Collection



Continuous Count Sites

File Device Help
Site Explorer

Selected Sites Count: 0 Total Sites Count: 68

Site Details Download New Download All Files Device User Interface Monitor

Connection Summary

- Never Connected
- Good
- Problems

Create connection report

Unit Status Summary

- No Issues
- Battery
- Firmware
- Time

SiteID: 000000005608 Station ID:0000000641932 Lanes: 0 Array: None	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.73V Firmware Version:V6.16-AS 31-AUG-15 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:07 AM Connection Type: IP Stream (Host:172.16.3.36;Port:8080) Number of failed connections:9 Time Check: Good on 10/27/2025 at 12:06:12 AM (-18 seconds)
SiteID: 000000005603 Station ID:0000000171651 Lanes: 0 Array: None	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.55V Firmware Version:V6.16-AS 31-AUG-15 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:08 AM Connection Type: IP Stream (Host:172.16.3.30;Port:8080) Number of failed connections:11 Time Check: Good on 10/27/2025 at 12:07:33 AM (+5 seconds)
SiteID: 000000005685 Station ID:0000000630009 Lanes: 0 Array: None	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.48V Firmware Version:V6.16-AS 31-AUG-15 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:08 AM Connection Type: IP Stream (Host:172.16.3.31;Port:8080) Number of failed connections:12 Time Check: Good on 10/27/2025 at 12:08:37 AM (-9 seconds)
SiteID: 000000005621 Station ID:0000000730222 Lanes: 0 Array: None	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.04V - Low Firmware Version:V6.14-AC 08-OCT-12 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:11 AM Connection Type: IP Stream (Host:172.16.3.39;Port:8080) Number of failed connections:6 Time Check: Good on 10/27/2025 at 12:09:57 AM (-22 seconds)
SiteID: 000000005691 Station ID:0000000480086 Lanes: 2 Array: Axle - Loop - Axle	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.42V Firmware Version:V6.14-A 08-OCT-12 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:12 AM Connection Type: IP Stream (Host:172.16.3.9;Port:8080) Number of failed connections:7 Time Check: Good on 10/27/2025 at 12:11:20 AM (-9 seconds)
SiteID: 000000005692 Station ID:0000000160460 Lanes: 4 Array: Wim - Loop - Wim	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.04V - Low Firmware Version:V6.12-A 07-DEC-10 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:15 AM Connection Type: IP Stream (Host:172.16.3.6;Port:8080) Number of failed connections:1 Time Check: Good on 10/27/2025 at 12:12:33 AM (-47 seconds)
SiteID: 000000005690 Station ID:0000000730076 Lanes: 0 Array: None	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.48V Firmware Version:V4.70-A 15-NOV-04 - Update Available	Connection Status: Connection Closed. Last connected 10/27/2025 12:15 AM Connection Type: IP Stream (Host:172.16.3.42;Port:8080) Number of failed connections:2 Time Check: Bad on 10/27/2025 at 12:15:13 AM (-1 hours, 0 minutes and 23 seconds)
SiteID: 000000005673 Station ID:0000000300052 Lanes: 0 Array: None	Unit Type: ADR 1000/2000/3000 Unit Status: Not Available Battery Voltage: 6.48V Firmware Version:V6.16-A 31-AUG-15 - Update Available	Connection Status: Failed to Connect. Last connected 10/26/2025 12:09 AM Connection Type: IP Stream (Host:172.16.3.28;Port:8080) Number of failed connections:147 Time Check: Good on 10/26/2025 at 12:08:58 AM (+4 seconds)

Continuous Count Sites

Polling Summary

Poll Group: 7/22/2025 9:55:37 AM

Number of sites polled successfully: 11	Start: 10/27/2025 12:00:00 AM
Number of sites with failures: 1	End: 10/27/2025 12:42:21 AM
Number of sites with warnings: 3	Elapsed: 00:42:21.2145666
Number of files downloaded: 20	Time connected: 00:17:26.1986509
Total number of sites polled: 12	

Failures

Site	Time	Event	Data
079 (Seq #) Malvem	10/27/2025 12:42:20 AM	Polling attempt failed	0 attempts remaining.
079 (Seq #) Malvem	10/27/2025 12:42:20 AM	PollFailed	

Warnings

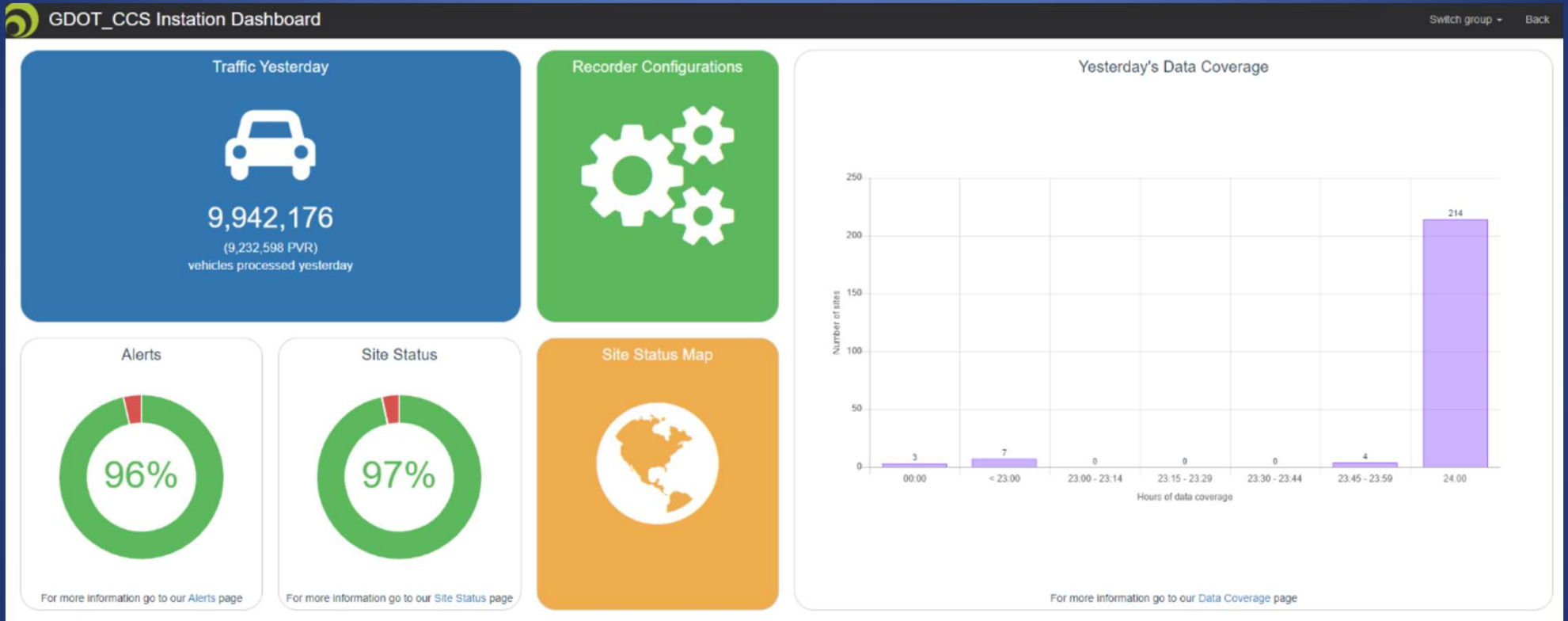
Site	Time	Event	Data
079 (Seq #) Malvem	10/27/2025 12:09:35 AM	Directory retrieval failed	
079 (Seq #) Malvem	10/27/2025 12:09:53 AM	Remote device did not accept the communication complete request.	Failed
079 (Seq #) Malvem	10/27/2025 12:09:54 AM	Polling attempt failed	2 attempts remaining
079 (Seq #) Malvem	10/27/2025 12:09:54 AM	The shared connection was closed unexpectedly if supported, an attempt will be made to collect data from the remaining devices in a few minutes.	Host:172.16.3.28:Port:8080
092 (Seq#) Egypt	10/27/2025 12:15:09 AM	Unable to download file.	111102283600000000056920507800010
092 (Seq#) Egypt	10/27/2025 12:15:10 AM	Unable to download file.	111102283600000000056920507800000
092 (Seq#) Egypt	10/27/2025 12:15:10 AM	Unable to download file.	111102283600000000056920507800010
88 (Seq #) Sunnydale	10/27/2025 12:15:13 AM	Device time difference exceeds maximum.	Time is 1 hours, 0 minutes and 23 seconds different.
079 (Seq #) Malvem	10/27/2025 12:25:49 AM	Directory retrieval failed	
079 (Seq #) Malvem	10/27/2025 12:26:07 AM	Remote device did not accept the communication complete request.	Failed
079 (Seq #) Malvem	10/27/2025 12:26:07 AM	Polling attempt failed	1 attempts remaining.
079 (Seq #) Malvem	10/27/2025 12:26:07 AM	The shared connection was closed unexpectedly if supported, an attempt will be made to collect data from the remaining devices in a few minutes.	Host:172.16.3.28:Port:8080
079 (Seq #) Malvem	10/27/2025 12:42:02 AM	Directory retrieval failed	
079 (Seq #) Malvem	10/27/2025 12:42:20 AM	Remote device did not accept the communication complete request.	Failed
079 (Seq #) Malvem	10/27/2025 12:42:20 AM	The shared connection was closed unexpectedly if supported, an attempt will be made to collect data from the remaining devices in a few minutes.	Host:172.16.3.28:Port:8080

Files Downloaded

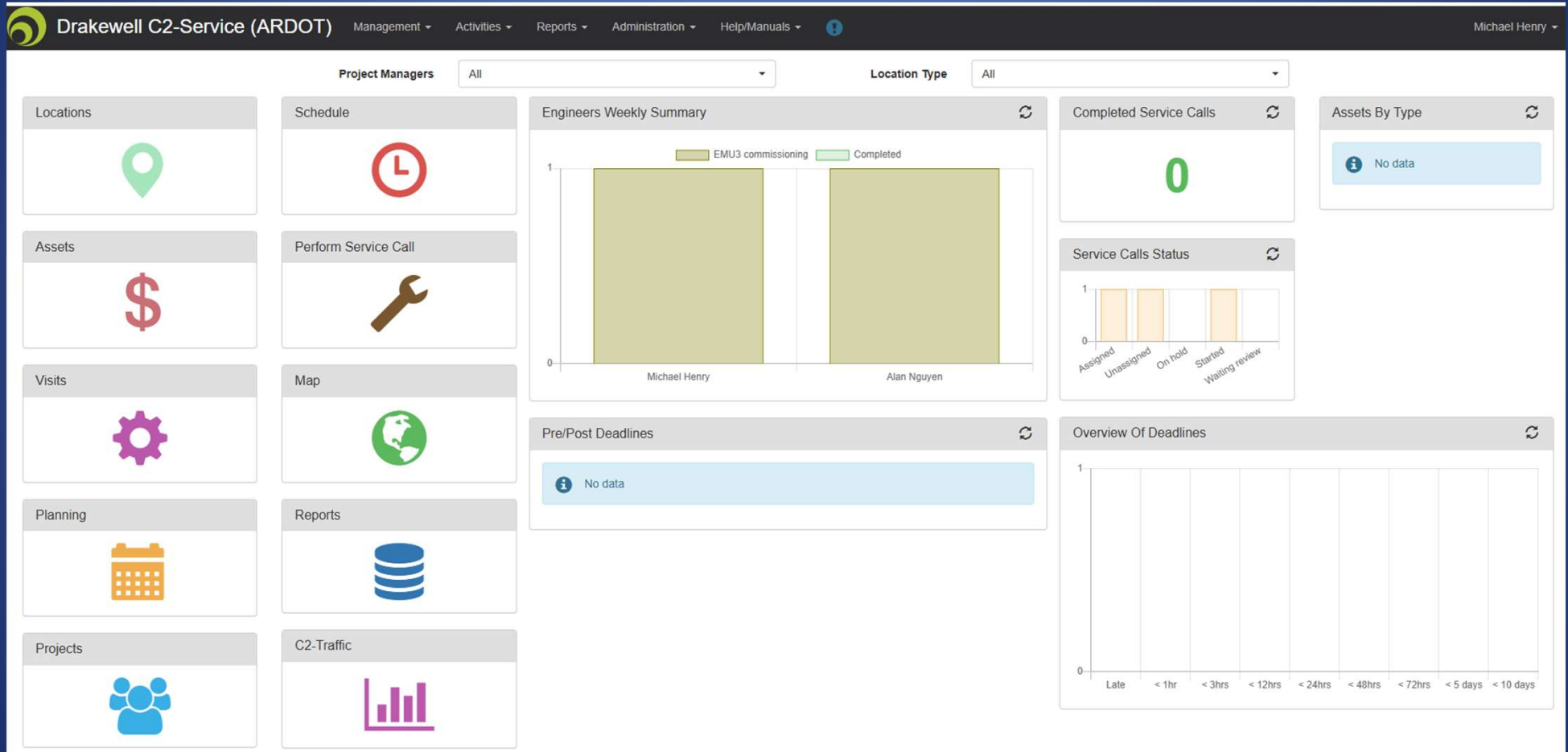
Site	Time	Size	File
006 (Seq #) Berryville	10/27/2025 12:00:18 AM	9644	271202322300000000056281025000000.pvr
006 (Seq #) Berryville	10/27/2025 12:01:18 AM	43928	271202322300000000056281025000010.kin
007 (Seq #) Bradley	10/27/2025 12:01:31 AM	5521	001821173800000000056511026000000.pvr
007 (Seq #) Bradley	10/27/2025 12:02:26 AM	43921	001821173800000000056511026000010.kin
013 (Seq #) Cave City	10/27/2025 12:02:37 AM	3775	511302406600000000056141026000000.pvr
013 (Seq #) Cave City	10/27/2025 12:03:30 AM	43940	511302406600000000056141026000010.kin
025 (Seq #) Grady	10/27/2025 12:04:17 AM	32698	500802202900000000056561026000000.pvr
025 (Seq #) Grady	10/27/2025 12:06:07 AM	67418	500802202900000000056561026000010.kin
049 (Seq #) Pinedall	10/27/2025 12:06:33 AM	14449	003418109800000000056081026000000.pvr
049 (Seq #) Pinedall	10/27/2025 12:07:28 AM	43904	003418109800000000056081026000010.kin



Continuous Count Sites



Continuous Count Sites: Work Orders



Continuous Count Sites: Work Orders

Service Call Actions ? Update ? ? Back

Equipment	
Maintenance Log present	Yes
Comments	
Property / Warning Sticker visible	No
Comments	
Modem / Pager functioning property	Yes
Comments	
ATR functioning property	Yes
Comments	
Wiring & Site Diagrams present	Yes
Comments	
Surge Protection present	Yes
Comments	
AC power unexposed	Yes
Comments	
Site & Phone # on the cabinet door	Yes
Comments	
Outside	
Pullbox & Lid condition	Fair
Pavement condition	Good
Piezo / Loop grout condition	Excellent



Continuous Count Sites: Inventory



Continuous Count Sites: Inventory



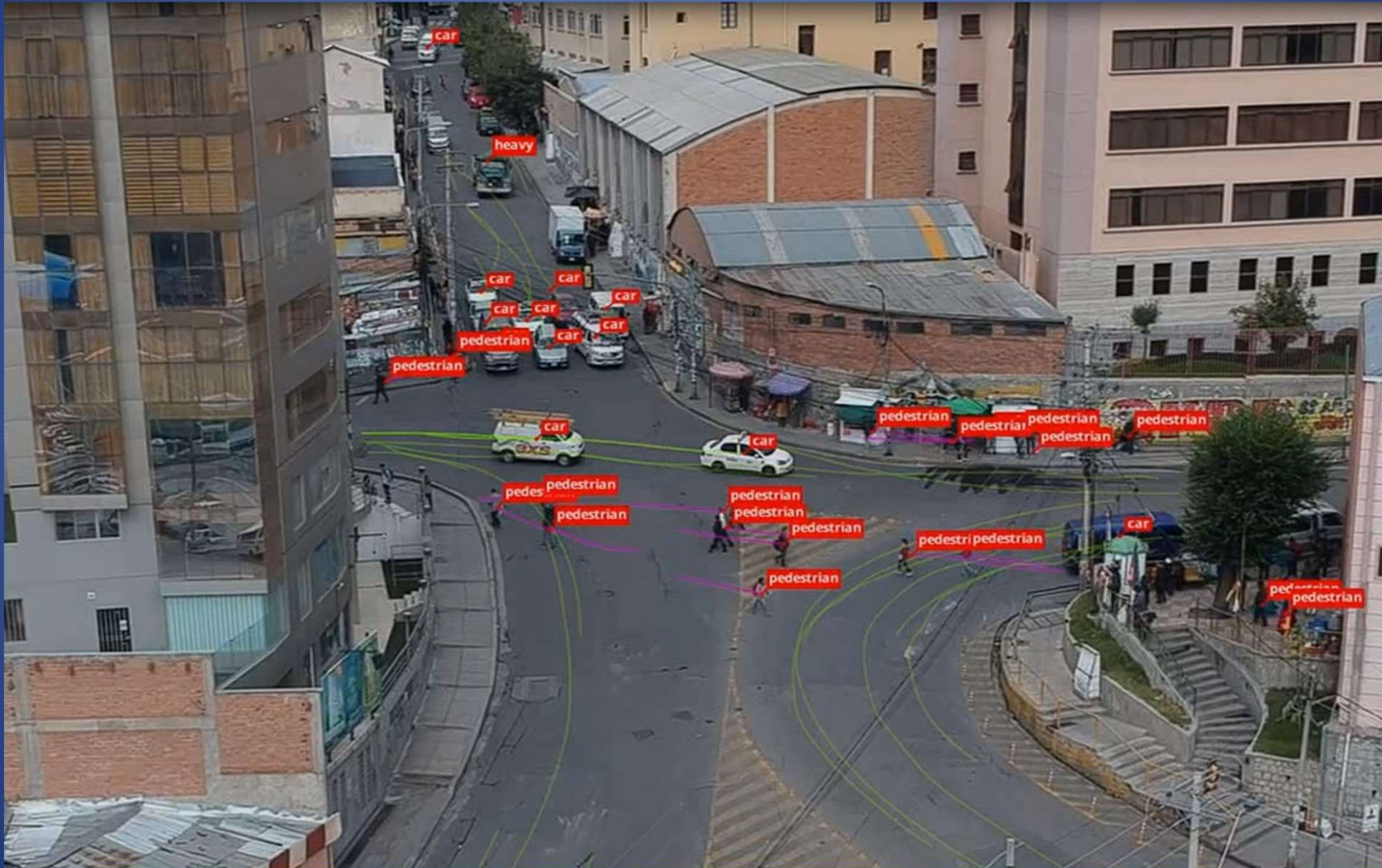
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Jonesboro, AR
October 28, 2025

TSMO currently has over 6,500 inventory items that we are responsible for managing.

Continuous Count Sites: New Technology



Continuous Count Sites: New Technology



Quality Control

The screenshot shows the Drakewell C2-Cloud Traffic Data dashboard. At the top, there is a navigation bar with the title "Drakewell C2-Cloud Traffic Data" and a dropdown menu that says "Please select a Node or Site Group". Below this, there are several main menu items: "C2-Service", "Multi-node map", "Tabular Calendar", and "Multi-Node Sites". A red arrow points to the "Data Quality" icon, which is a gold medal with a checkmark. Other icons include "Sites", "Site Group/Node Details", "C2-Gateway", "Journey Time", "End-of-Year", "Data Exports", "Help Desk", "Knowledge Base", "Management", "Site groups", "Site Comparison Analysis", "Site Reconciliation", "Traffic Trends", and "Logout". At the bottom, there is a footer with the text: "C2-CLOUD Version 3 - Release 25.09.18.A", "DRAKEWELL INC. C2 CLOUD SERVER US SP04 (Nevada) ARDOT", and "Drakewell Inc. Support Desk: +1 855 742 8348".

Quality Control: Standard Checks

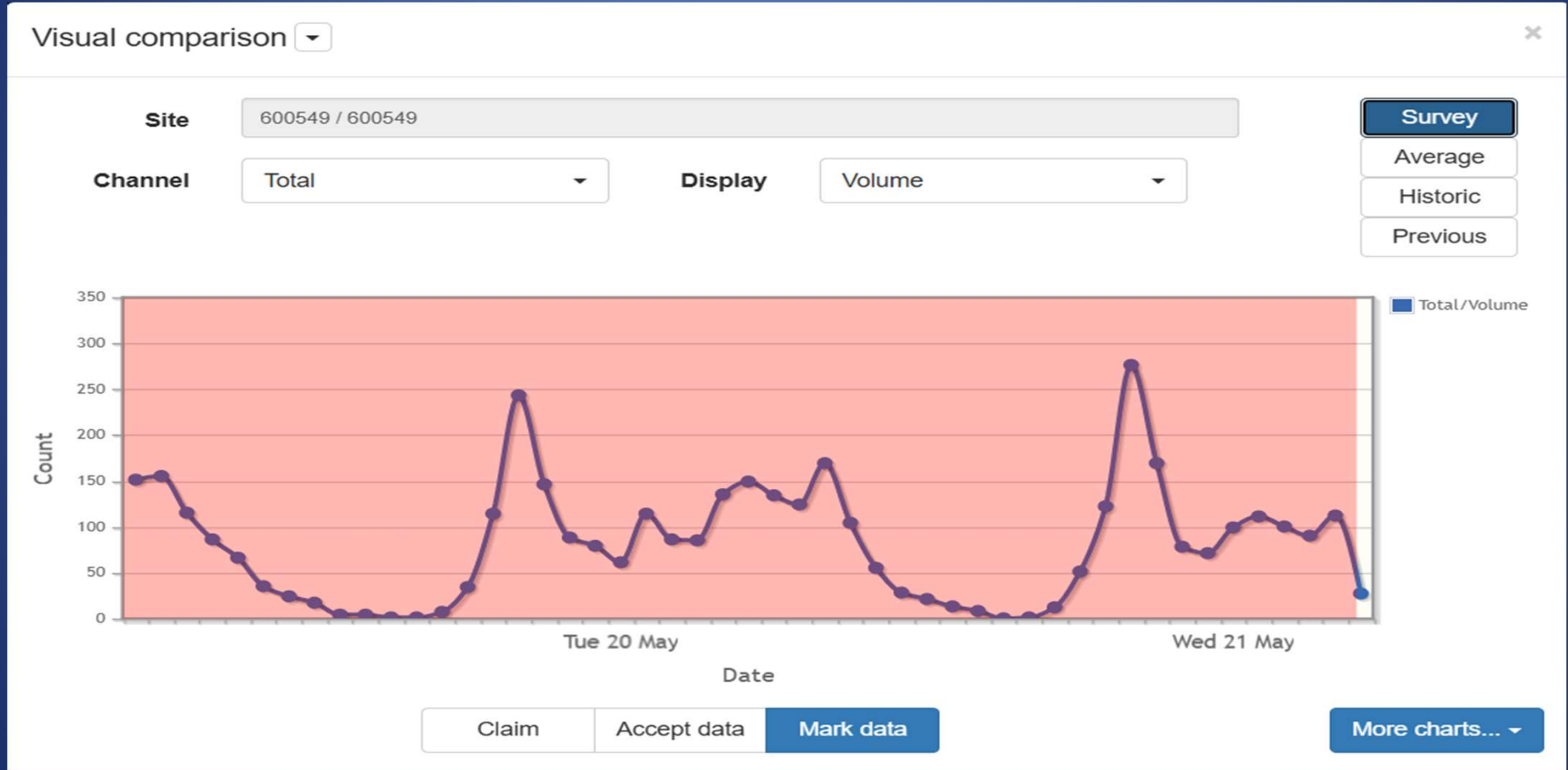
Showing 1 to 16 of 16 entries 1 row selected Search:

Source	Start	End	Checked	Issues	Links
ARDOT_PORTABLES / 600666 / 600666	May 20 2025 15:00	May 22 2025 15:24	Aug 12 2025 14:25	4	
ARDOT_PORTABLES / 600753 / 600753	May 20 2025 10:00	May 22 2025 12:14	Aug 12 2025 14:25	2	
ARDOT_PORTABLES / 600672 / 600672	May 20 2025 09:00	May 22 2025 17:12	Aug 12 2025 14:25	2	
ARDOT_PORTABLES / 600662 / 600662	May 19 2025 19:00	May 22 2025 12:27	Aug 12 2025 14:26	4	
ARDOT_PORTABLES / 600592 / 600592	May 19 2025 19:00	May 22 2025 11:53	Sep 8 2025 10:57	4	
ARDOT_PORTABLES / 600584 / 600584	May 19 2025 18:00	May 22 2025 11:36	Sep 8 2025 10:57	1	
ARDOT_PORTABLES / 600583 / 600583	May 19 2025 17:00	May 21 2025 21:39	Aug 12 2025 14:23	4	

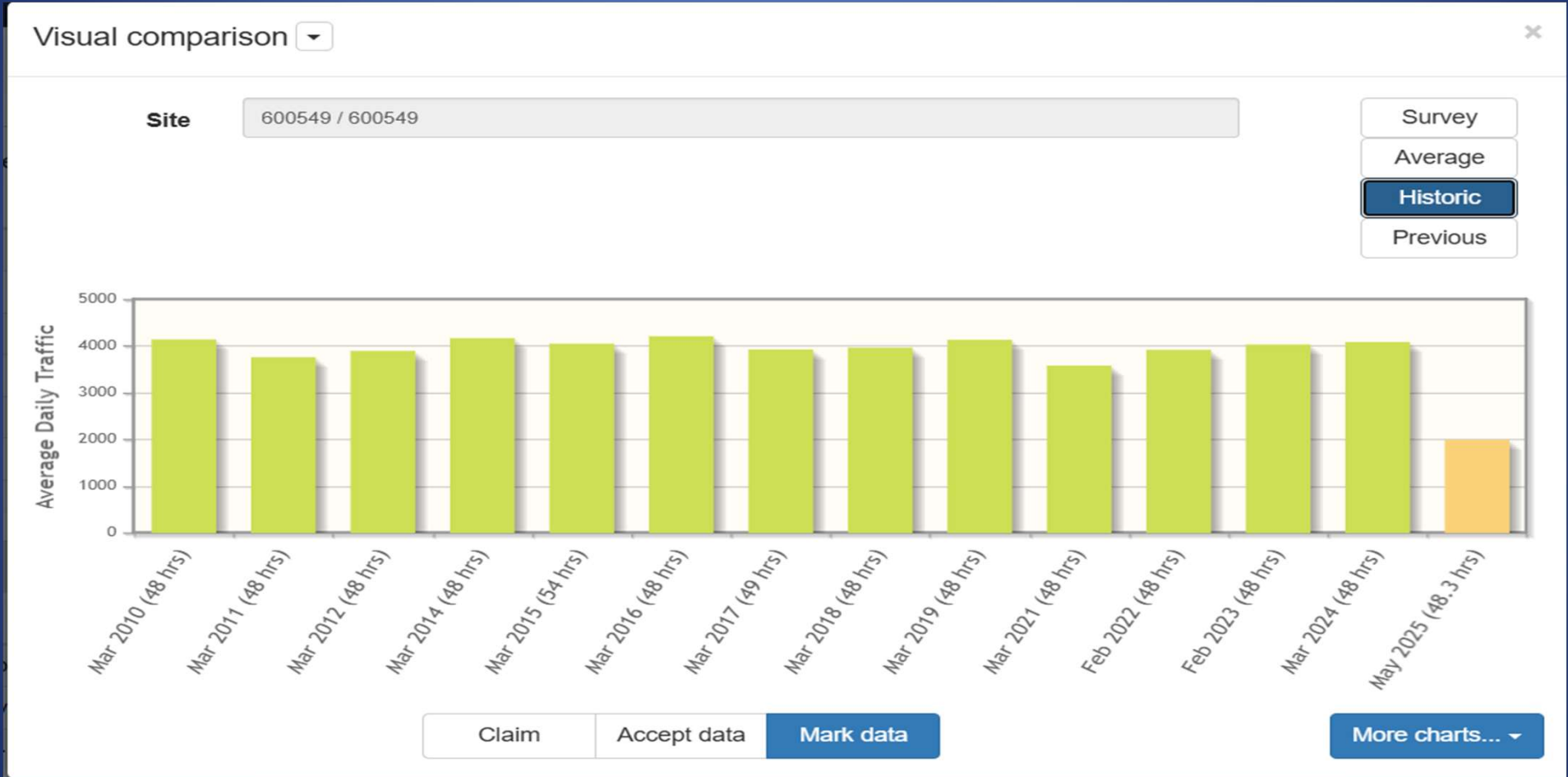
Check	Start	End	Channel	Direction	Severity	Type	Links
The average daily count is similar to a previous year's AADT. The average daily count has changed significantly from a previous year's AADT. Metric = Previous AADT: 4131, AADT: 1931, % Change: -53.3%, Change: -2200	May 19 2025 17:00	May 21 2025 17:20	N/A	N/A	(unset)	(unset)	
The overall directional volumes differ by no more than 60%. The overall directional volumes differ by more than 60%. Metric = N: 3963.666666666665, S: 59, % Diff: 6618.1%	May 19 2025 17:00	May 21 2025 17:20	N/A	N/A	(unset)	(unset)	
The ratio of F2 to the lane total is 50% - 85%. The ratio of F2 to the lane total is 50% - 85%. Metric = Ratio: 29:59 = 0.492, Volume: 59	May 19 2025 17:00	May 21 2025 17:20	S1	S	(unset)	(unset)	



Quality Control: Hourly Volumes



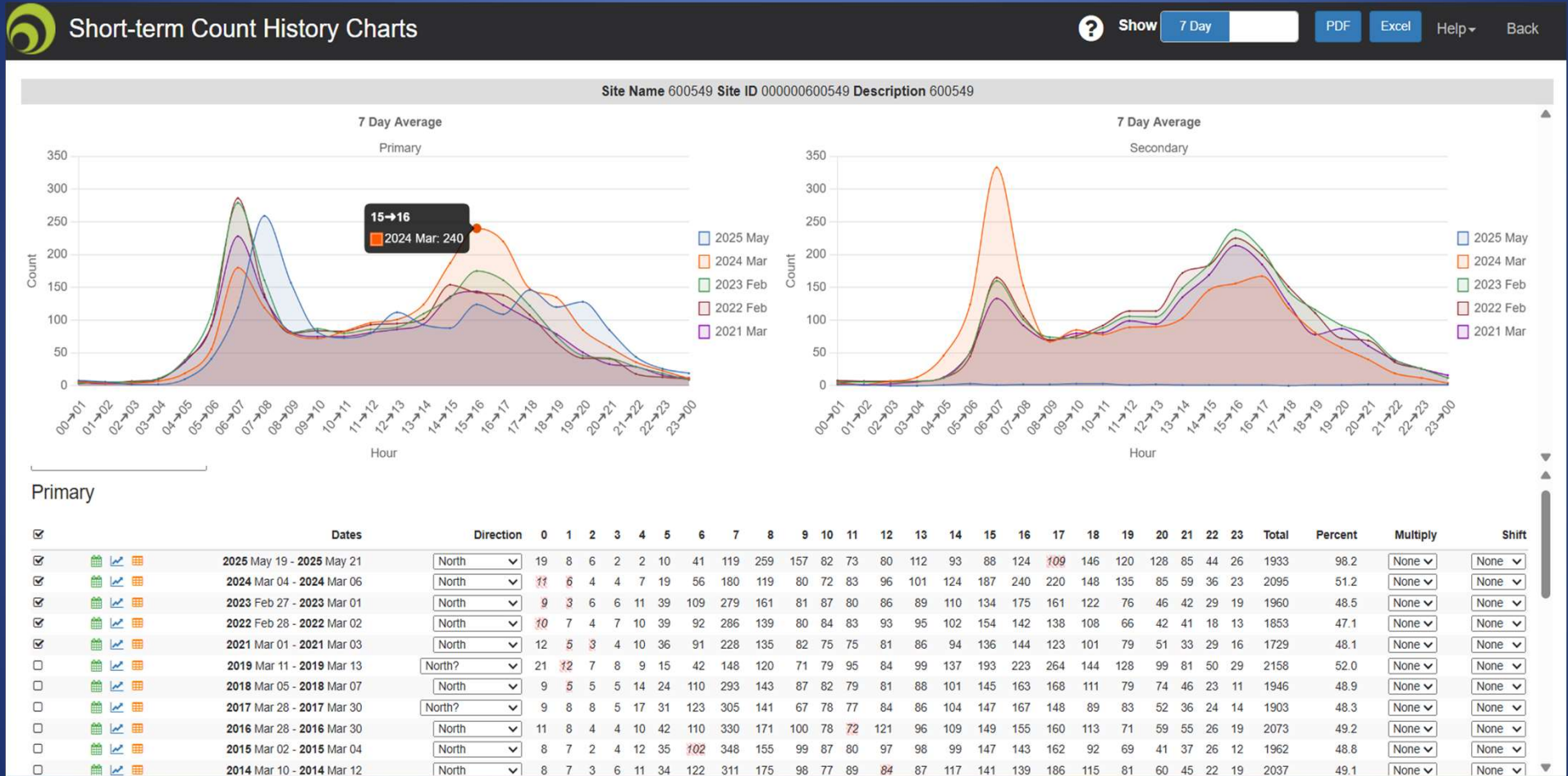
Quality Control: Historic Volume



Quality Control: Previous Hourly

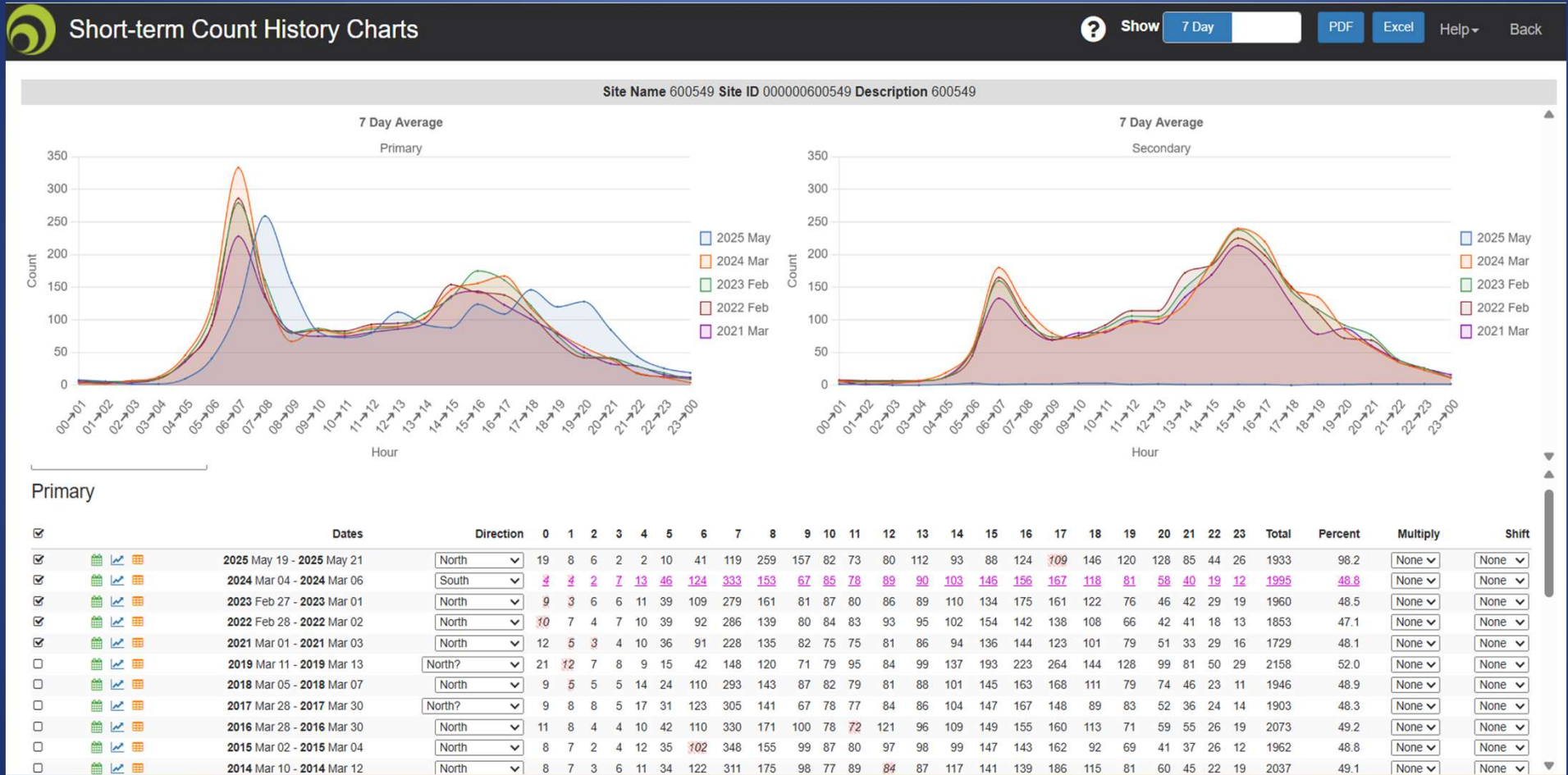


Quality Control: Deeper Dive

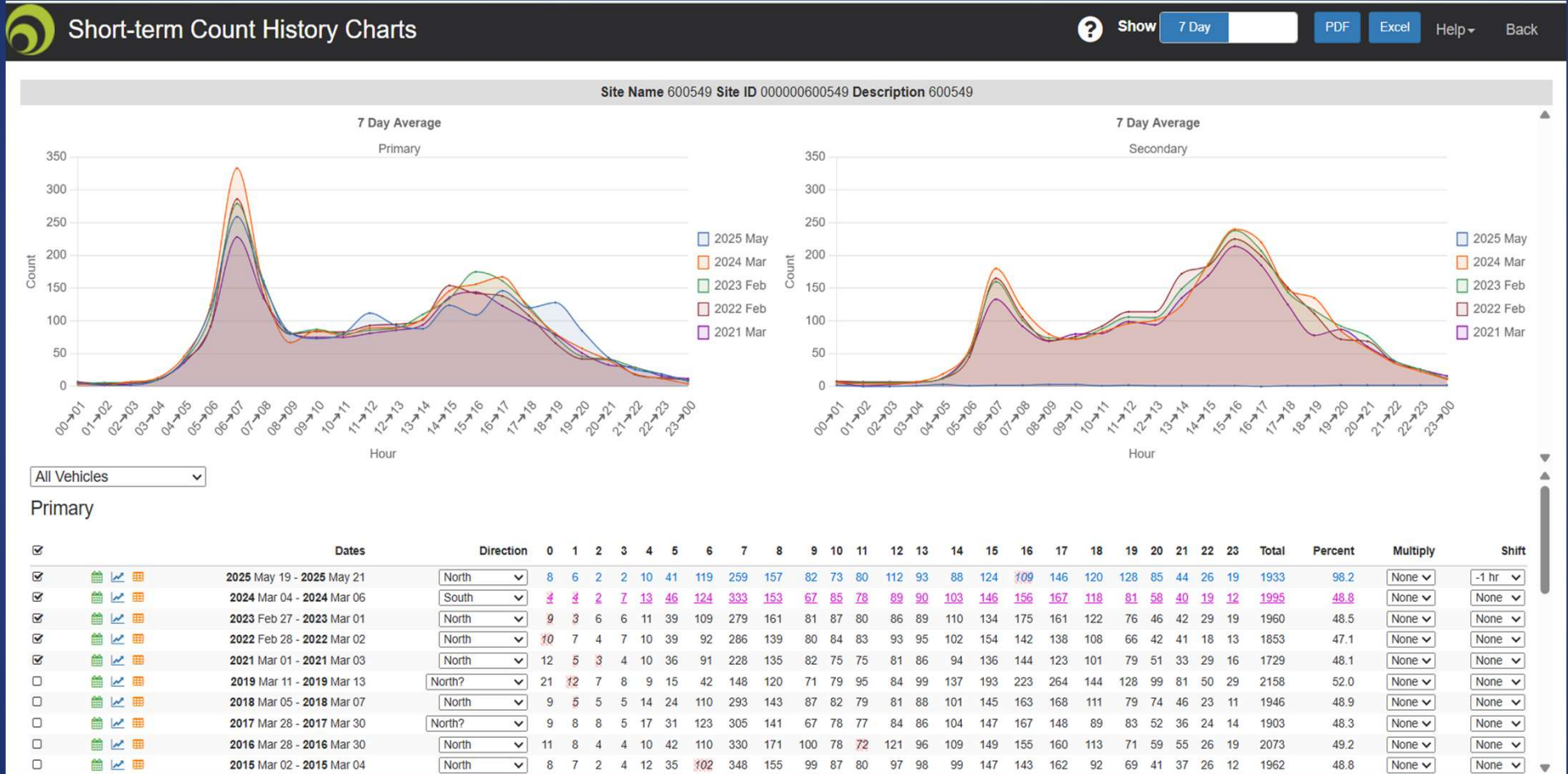


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Quality Control: Data Manipulation



Quality Control: Data Manipulation



End-of-Year Process

The screenshot shows the Drakewell C2-Cloud Traffic Data web application. The browser address bar displays "ardot.drakewell.com/c2.asp". The application header includes the title "Drakewell C2-Cloud Traffic Data" and navigation links for "Nodes", "Site Groups", "Settings", and "Help". A dropdown menu at the top prompts the user to "Please select a Node or Site Group". The main interface features a grid of icons for various functions: "C2-Service", "Multi-node map", "Tabular Calendar", "Multi-Node Sites", "Sites", "Site Group/Node Details", "C2-Gateway", "Journey Time", "Data Quality", "End-of-Year", "Data Exports", "Help Desk", "Knowledge Base", "Management", "Site groups", "Site Comparison Analysis", "Site Reconciliation", "Traffic Trends", and "Logout". At the bottom, the version information is displayed: "C2-CLOUD Version 3 - Release 25.09.18.A", along with contact information for Drakewell Inc. and ARDOT.

Please select a Node or Site Group

C2-Service Multi-node map Tabular Calendar Multi-Node Sites

Sites Site Group/Node Details C2-Gateway Journey Time Data Quality End-of-Year Data Exports Help Desk Knowledge Base Management

Site groups Site Comparison Analysis Site Reconciliation Traffic Trends Logout

C2-CLOUD Version 3 - Release 25.09.18.A
DRAKEWELL INC. C2 CLOUD SERVER US SP04 (Nevada) ARDOT
Drakewell Inc. Support Desk: +1 855 742 8348

End-of-Year Process

The screenshot shows a web application interface for the 'End Of Year Process'. At the top left, there is a logo and the title 'End Of Year Process'. At the top right, there are links for 'Help' and 'Back'. Below the title bar, there are two small navigation buttons (down and up arrows) and a dropdown menu currently set to 'ARDOT 2024 (January 1, 2024 thru January 1, 2025)'. The main content area features a vertical list of ten site categories, each with a flag icon on the left and a dropdown arrow on the right:

- Continuous Sites
- Seasonal Factors
- Seasonally Factored Sites
- Axle Factors
- Axle Factored Sites
- Growth Factors
- Growth Factored Sites
- Ramp-balanced Sites
- All Sites

End-of-Year Process: Continuous Sites

The screenshot shows a web application interface titled "End Of Year Process". At the top right, there are "Help" and "Back" links. Below the title bar, there are navigation arrows and a dropdown menu set to "ARDOT 2024 (January 1, 2024 thru January 1, 2025)". The main content area is a list of tasks under the "Continuous Sites" category. The tasks are:

- Continuous Sites** (header)
- Continuous Summary** (gear icon) - This process completed successfully.
- Continuous Sites Coverage Report** (person icon) - Completed on April 24, 2025 by MICHAEL.HENRY
- Continuous Statistics** (gear icon) - This process completed successfully.
- Continuous Sites Comparison Report** (person icon)
- Continuous Sites Validation Report** (person icon)
- Continuous Sites Statistics Report** (person icon) - Completed on April 28, 2025 by SDIEHL
- Seasonal Factors** (flag icon)
- Seasonally Factored Sites** (flag icon)
- Axle Factors** (flag icon)
- Axle Factored Sites** (flag icon)
- Growth Factors** (flag icon)

End-of-Year Process: Continuous Sites

Coverage Report (2024) Auto Set... Save Mark In Progress Help Back

Continuous Sites

The data has been marked **Complete**; it cannot be changed until marked as **In Progress** again.

Search:

Name	Description	Usable days / hours			Suitable for				Data usage	Normal	Reviewed	Links
		Volume	Class	Patched days	Continuous Volume	Factored Volume	Continuous Class	Factored Class				
Grady US 65	U.S. 65 Sec. 16 L.M. 34.0	361d	361d	0d	✓	✓	✓	✓	Volume Continuous, Class Continuc	✓	<input type="checkbox"/>	
Malvern US 270	US 270 Sec.8 LM 3.60 S of I-30	352d	0h	0d	✓	✓	✗	✗	Volume Continuous, Class Growthe	✓	<input checked="" type="checkbox"/>	
Natural Dam SH 59	SH 059 Sec 050 LM 010.00 North of Natural Dam	256d	256d	0d	✗	✓	✗	✓	Volume Factored, Class Factored	✓	<input checked="" type="checkbox"/>	
Needmore US 71	U.S. 71 Sec. 10 L.M. 14.00 N of U.S. 270	341d	0h	0d	✓	✓	✗	✗	Volume Continuous, Class Growthe	✓	<input checked="" type="checkbox"/>	
Patterson US 64	U.S. 64 Sec 13 L.M. 5.50 W. of S.H. 17	353d	0h	0d	✓	✓	✗	✗	Volume Continuous, Class Growthe	✓	<input checked="" type="checkbox"/>	
Pindall US 65	US 065 Sec 040 LM 005.40 North of S.H.235	229d	0h	0d	✗	✓	✗	✗	Volume Factored, Class Growthed	✓	<input checked="" type="checkbox"/>	
Samples I-530	mile marker 25 on I 530	90d	90d	0d	✗	✓	✗	✓	Volume Factored, Class Growthed	✗	<input checked="" type="checkbox"/>	
Searcy SH 367	S.H. 367 Sec. 16 L.M. 3.03	257d	257d	0d	✗	✓	✗	✓	Volume Factored, Class Factored	✓	<input type="checkbox"/>	
Sheridan SH 46	S.H. 46 Sec 2 L.M. 17.80 SW of U.S. 270	227d	0h	0d	✗	✓	✗	✗	Volume Factored, Class Growthed	✓	<input type="checkbox"/>	
Sunnydale SH 124	S.H. 124 Sec. 12 L.M. 8.95	352d	352d	0d	✓	✓	✓	✓	Volume Continuous, Class Continuc	✓	<input type="checkbox"/>	

Showing 17 to 26 of 26 entries



End-of-Year Process: Continuous Sites

Comparison Report (2024) Help ▾ Back

Continuous Sites AADT ▾

These site statistics have been marked **Complete**.

Search: Excel

Name	Description	2023	2024	Difference	Chart	Notes	Links
Bradley SH 29	S.H. 29 Sec 1 L.M. 3.30 S. of S.H. 160	810	798	2% ↓		0	
Bryant SH 183	S.H. 183 Sec. 1 L.M. 4.39	7700	-	-		0	
Egypt US 67	300 ft South of Lawerance Co. line, U.S. 67	6200	6501	5% ↑		0	
Glen Rose I-30	I-30 Sec. 21 L.M. 101.70 At CR 74	38000	39860	5% ↑		0	
Grady US 65	U.S. 65 Sec. 16 L.M. 34.0	6300	6478	3% ↑		0	
Malvern US 270	US 270 Sec.8 LM 3.60 S of I-30	4500	4432	2% ↓		0	
Needmore US 71	U.S. 71 Sec. 10 L.M. 14.00 N of U.S. 270	3900	4035	3% ↑		0	
Patterson US 64	U.S. 64 Sec 13 L.M. 5.50 W. of S.H. 17	4900	4724	4% ↓		0	
Sunnydale SH 124	S.H. 124 Sec. 12 L.M. 8.95	1100	1069	3% ↓		0	



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End-of-Year Process: Seasonal Factors



End-of-Year Process: Seasonal Factors



End-of-Year Process: Seasonal Factors

Comparison Report (2024) Help ▾ Back

Seasonally Factored Sites AADT ▾

These site statistics have been marked **Complete**.

Search: Excel

Name	Description	2023	2024	Difference	Chart	Notes	Links
030086	030086	150	118	27% ↓		0	
030200	030200	7800	8342	7% ↑		0	
030212	030212	2300	2337	2% ↑		0	
030216	030216	1200	1246	4% ↑		0	
030218	030218	250	191	31% ↓		0	
030220	030220	380	354	7% ↓		0	
030223	030223	2900	3031	5% ↑		0	
030225	030225	440	428	3% ↓		0	
030226	030226	6800	6769	0% ↓		0	
030230	030230	16000	14800	8% ↓		0	

Showing 66 to 76 of 2,949 entries

The *Difference* is computed as the absolute difference of the two values as a percentage of the lower value. Differences that exceed 500 +15% are colored red.



End-of-Year Process: Axle Factors



End-of-Year Process: Axle Factors

Comparison Report (2024) Help ▾ Back

Axle Factored Sites AADT ▾

These site statistics have been marked **Complete**.

Search: Excel

Name	Description	2023	2024	Difference	Chart	Notes	Links
010022	010022	550	528	4% ↓		0	
010023	010023	900	650	38% ↓		0	
010024	010024	320	232	38% ↓		0	
010026	010026	4500	4377	3% ↓		0	
010029	010029	4000	4013	0% ↑		0	
010031	010031	4300	4044	6% ↓		0	
010033	010033	2200	2044	8% ↓		0	
010034	010034	1900	2164	14% ↑		0	
010035	010035	1600	1561	2% ↓		0	
010036	010036	800	889	11% ↑		0	

Showing 12 to 22 of 8,719 entries



End-of-Year Process: All Sites

Comparison Report (2024) Help ▾ Back

All Sites AADT ▾

These site statistics have been marked **Complete**.

Search: Excel

Name	Description	2023	2024	Difference	Chart	Notes	Links
010021	010021	490	449	9% ↓		0	
010022	010022	550	528	4% ↓		0	
010023	010023	900	650	38% ↓		0	
010024	010024	320	232	38% ↓		0	
010025	010025	100	88	14% ↓		0	
010026	010026	4500	4377	3% ↓		0	
010028	010028	4100	3900	5% ↓		0	
010029	010029	4000	4013	0% ↑		0	
010030	010030	2400	2171	11% ↓		0	
010031	010031	4300	4044	6% ↓		0	

Showing 18 to 28 of 12,928 entries

End-of-Year Process: HPMS Report

[AH_RoadID]	AH_BLM	AH_ELM	AH_County	AH_District	RI_NHS	RI_APHN	RI_RouteSign	HPMS_URBAN_ID	FunctionalClass	RI_Travel_Lanes	RI_TypeOperation	RI_TypeRoad	HPMS_SURFACE_TYPE	RI_Access
1 32xTRANSP...	0	0.096	32	5	0	0	4	99999	7	2	2	1	1	3
2 25xWOODVI...	0	0.303	25	5	0	0	4	99999	7	2	2	1	1	3
3 33xWILLIAMS...	0	0.471	33	5	0	0	4	99999	7	2	2	1	1	3
4 33xOVERLO...	0	0.218	33	5	0	0	4	99999	7	2	2	1	1	3
5 32xUNBEKA...	0	0.451	32	5	0	0	4	99999	7	2	2	1	1	3
6 12xMOORED...	0	0.088	12	5	0	0	4	99999	7	2	2	1	1	3
7 32xOWLLNx0...	0	0.141	32	5	0	0	4	99999	7	2	2	1	1	3
8 32xTERRELL...	0	0.096	32	5	0	0	4	99999	7	2	2	1	1	3
9 69xDEERCRCR...	0	0.117	69	5	0	0	4	99999	7	2	2	1	1	3
10 32xTENNES...	0	0.327	32	5	0	0	4	99999	7	2	2	1	1	3
11 32xMOURNI...	0	0.449	32	5	0	0	4	99999	7	2	2	1	1	3
12 32xPANHAN...	0	0.19	32	5	0	0	4	99999	7	2	2	1	1	3
13 32xSYCAMO...	0	0.154	32	5	0	0	4	99999	7	2	2	1	1	3
14 69xHARALD...	0	0.275	69	5	0	0	4	99999	7	2	2	1	1	3
15 33xBAUMLNx...	0	0.081	33	5	0	0	4	99999	7	2	2	1	1	3
16 69xHARTWIC...	0	0.156	69	5	0	0	4	99999	7	2	2	1	1	3
17 12xMOORED...	0	0.106	12	5	0	0	4	99999	7	2	2	1	1	3
18 32xNORMAN...	0	0.114	32	5	0	0	4	99999	7	2	2	1	1	3
19 32xMCKINNE...	0	0.094	32	5	0	0	4	99999	7	2	2	1	1	3
20 32xNASCARL...	0	0.166	32	5	0	0	4	99999	7	2	2	1	1	3
21 25xRAINTRE...	0	0.091	25	5	0	0	4	99999	7	2	2	1	1	3
22 25xRAVONHI...	0	0.112	25	5	0	0	4	99999	7	2	2	1	1	3
23 25xRAWHID...	0	0.376	25	5	0	0	4	99999	7	2	2	1	1	3
24 32xMOLETR...	0	0.15	32	5	0	0	4	99999	7	2	2	1	1	3
25 33xDICKERS...	0	0.364	33	5	0	0	4	99999	7	2	2	1	1	3
26 32xTHARPLN...	0	0.143	32	5	0	0	4	99999	7	2	2	1	1	3
27 32xOBBARD...	0	0.141	32	5	0	0	4	99999	7	2	2	1	1	3
28 32xMUSTAN...	0	0.241	32	5	0	0	4	99999	7	2	2	1	1	3
29 32xNATHANI...	0	0.305	32	5	0	0	4	99999	7	2	2	1	1	3
30 32xMOSSYP...	0	0.099	32	5	0	0	4	99999	7	2	2	1	1	3
31 25xQUARTE...	0	0.328	25	5	0	0	4	99999	7	2	2	1	1	3



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End-of-Year Process: VMT Summary

Arkansas Department of Transportation- Road & Street Report Data Year 2024

Route Sign	Functional Class	Pop: < 5,000 Rural		Pop: 5,000 to 49,999		Pop: >= 50,000		Total	
		Road Length	DVMT	Road Length	DVMT	Road Length	DVMT	Road Length	DVMT
State Highway	Interstate	429.570	12,911,333	100.238	2,690,804	238.091	14,436,617	767.899	30,038,754
	Other Freeways & Expressways	72.623	1,033,143	38.582	667,316	57.419	2,140,507	168.624	3,840,966
	Other Principal Arterials	1,843.183	10,698,652	280.422	3,102,335	351.183	6,830,998	2,474.788	20,631,985
	Minor Arterials	2,964.879	7,566,810	445.590	2,713,006	440.439	3,903,292	3,850.908	14,183,108
	Major Collectors	8,220.370	7,432,305	322.001	887,042	139.724	533,146	8,682.095	8,852,493
	Minor Collectors	231.837	98,875	10.372	7,626	0.336	804	242.545	107,305
	Locals	113.009	37,013	32.886	22,434	37.209	78,219	183.104	137,666
	Total	13,875.471	39,778,131	1,230.091	10,090,563	1,264.401	27,923,583	16,369.963	77,792,277
County Roads	Other Freeways & Expressways	0.000	0	0.000	0	0.000	0	0.000	0
	Other Principal Arterials	0.000	0	0.000	0	0.000	0	0.000	0
	Minor Arterials	49.907	152,676	8.487	22,040	144.260	531,300	202.654	706,016
	Major Collectors	3,300.842	1,698,402	117.469	204,254	379.397	840,818	3,797.708	2,743,474
	Minor Collectors	6,300.237	1,983,868	81.518	38,950	93.528	71,586	6,475.283	2,094,404
	Locals	51,959.747	5,574,113	1,085.270	400,452	1,977.183	1,016,217	55,022.200	6,990,782
	Total	61,610.733	9,409,059	1,292.744	665,696	2,594.368	2,459,921	65,497.845	12,534,676
City Streets	Other Freeways & Expressways	0.000	0	0.000	0	0.000	0	0.000	0
	Other Principal Arterials	0.000	0	4.511	24,206	40.704	954,477	45.215	978,683
	Minor Arterials	2.249	2,981	253.860	923,141	568.979	5,116,702	825.088	6,042,824
	Major Collectors	134.681	90,285	397.387	701,626	940.297	3,132,274	1,472.365	3,924,185
	Minor Collectors	196.867	125,971	32.592	17,123	73.255	85,169	302.714	228,263
	Locals	4,725.374	1,457,488	3,776.210	2,023,743	6,028.961	3,447,360	14,530.545	6,928,591
	Total	5,059.171	1,676,725	4,464.560	3,689,839	7,652.196	12,735,982	17,175.927	18,102,546
Total State Wide	80,545.375	50,863,915	6,987.395	14,446,098	11,510.965	43,119,486	99,043.734	108,429,499	



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Upcoming Features

The screenshot displays the Drakewell C2-Cloud Traffic Data interface. At the top, the title bar reads "Drakewell C2-Cloud Traffic Data" and includes navigation links for "Nodes", "Site Groups", "Settings", and "Setups". A dropdown menu is set to "Node: GDOT_CCS (GDOT Continuous Count Sites)".

The dashboard features a grid of functional tiles:

- Multi-node map (Globe icon)
- Tabular Calendar (Calendar icon showing Sunday 15)
- Multi-Node Sites (Three location pins icon)
- Sites (Location pin icon)
- Site Group/Node Details (Server rack icon)
- Studies (Clipboard icon)
- Study Map (Map icon)
- Journey Time (Clock icon)
- Multi-Report (PDF icon)
- Installation Dashboard (Pie chart icon)
- Survey Manager (Traffic Survey icon)
- Data Quality** (Gold seal with checkmark icon, highlighted with a red border)
- TMAS Export (TMAS logo icon)
- WIM Reports (Truck icon)
- PVR Image Sites (Truck in camera view icon)
- End-of-Year (Gears icon)
- User Guides (Stack of books icon)
- Settings (Gear icon)
- User Admin (User profile icon)
- Group Admin (Group of people icon)
- Sys Admin (Wrench and hammer icon)
- Site groups (Gears icon)
- Emergency Mode (Heatmap icon)
- COVID-19 Dashboard (Virus icon)
- Traffic Trends (Line graph icon)
- Data Extraction (Document with arrow icon)
- Pavement ME (PvD logo icon)
- Public Interface (Globe icon)
- Logout (Door with arrow icon)
- Change Password (Padlock icon)

At the bottom of the dashboard, the following text is displayed:

C2-CLOUD Version 3 - Release 23.01.24.A
DRAKEWELL INC. C2 CLOUD SERVER US 01N SSD (Nevada) GDOT
Drakewell Inc. Support Desk: +1 855 742 8348

Upcoming Features



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Other features that are available but we are not committed to yet would include, Non-Motorized data (being able to capture non-motorized volumes), Emergency Mode (mostly used for large scale evacuations), Live Traffic polling existing units to be able to better manage traffic in real time, Per Vehicle Records (PVR) Data, MIRE AADT Estimates

Upcoming Features: Journey Time



Upcoming Features: Virtual WIM

The screenshot displays a web-based interface for Virtual WIM. It is divided into four main sections:

- Location:** Shows a map with a satellite view of a road. The name is '5001' and the description is '20x4 Tires 575 psi 05 015 SR 201 at Tahlequah'.
- Vehicle Records:** A vertical list of three video thumbnails showing a yellow truck on the road. The timestamps are '01 May 2017 17:01:24', '01 May 2017 16:51:30', and '01 May 2017 16:34:20'. Below the list are 'Update View' and 'Show More' buttons.
- Vehicle Data:** Displays details for a specific record:
 - Date / Time: 01 May 2017 17:01:23
 - Channel: Lane 1
 - Speed: 59 mph
 - Length: 22.5 m

Axle Weights:

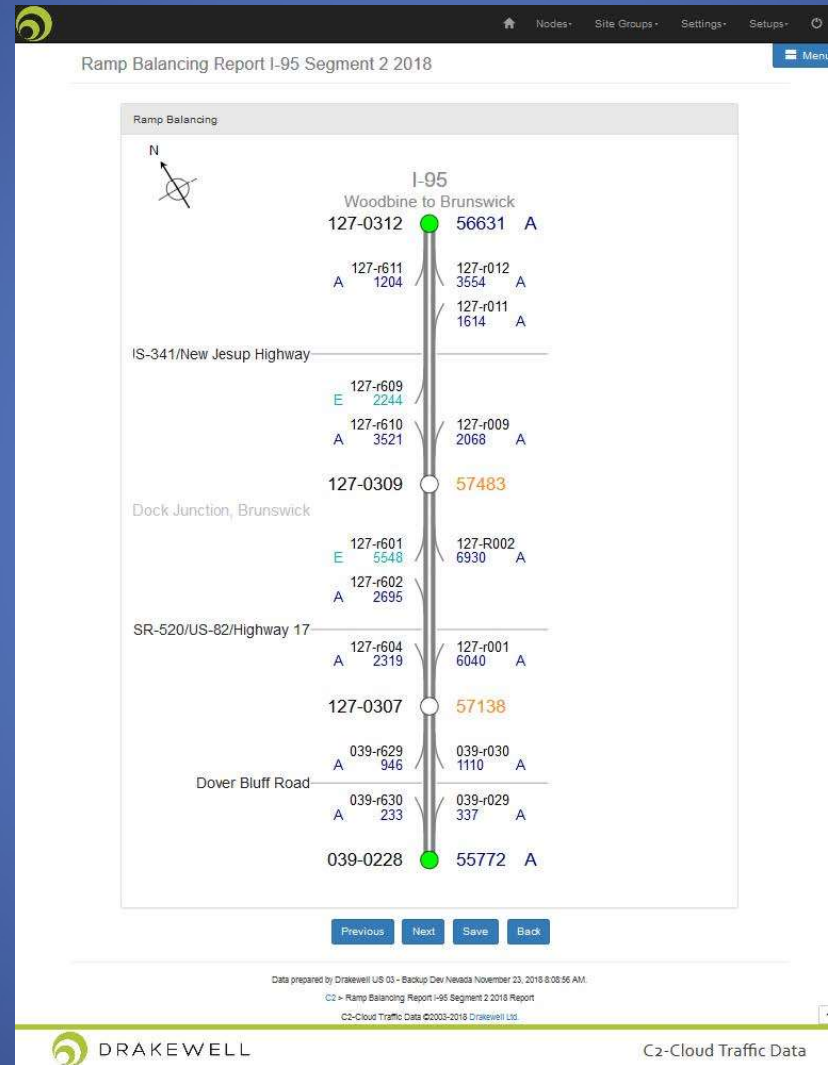
Axle	Weight	BSAL (wt = 0)
Axle 1	4700 kg	0.12
Axle 2	1200 kg	0.09
Axle 3	1400 kg	0.13
Axle 4	1800 kg	0.50
Axle 5	8500 kg	1.00
COGC	15300 kg	0.68

Axle Spacing:

Axle 1 to Axle 2	5.71 m
Axle 2 to Axle 3	1.04 m
Axle 3 to Axle 4	18.0 m
Axle 4 to Axle 5	1.21 m

Max/Min Records
- Vehicle Images:** A large image showing a yellow truck on a road, with a timestamp of '01-05-2017 17:01:19'.

Upcoming Features: Ramp Balancing



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How will it help me?

The screenshot shows a SharePoint page for 'Traffic Information Systems'. The top navigation bar includes 'Home', 'ITS Management & Radio', 'Traffic Information System', 'Traffic Management Center', 'Traffic Operations', 'Engineering & Information Services', 'Documents', 'TSMO Library', 'Consultant Documents', and 'TSMO Dashboards'. A search bar is located in the top right. Below the navigation, there are buttons for 'New', 'Promote', 'Page details', 'Preview', 'Immersive reader', and 'Analytics'. A red arrow points to the 'Immersive reader' button. The main content area features a large image of a highway at night with the title 'Traffic Information Systems'. Below this is a profile card for 'Henry, Michael C.', Staff Engineer, Section Head of Traffic Information Systems. The main text block describes the mission of the Traffic Information Systems Section and the responsibilities of the Traffic Information subsection. A red arrow points to the text: 'The Traffic Information subsection is responsible for the collection, processing, and reporting of all traffic counts on the state-maintained highway network, as well as city streets and county roads on the Federal Aid system. Truck weight data and other highway user information, such as, traffic count and vehicle classification are collected, reported, and disseminated. Special surveys are conducted as needed in order to support the Department's planning efforts.' Below the text is a link for 'Drakewell Traffic Data' with a small icon.

How will it help me?

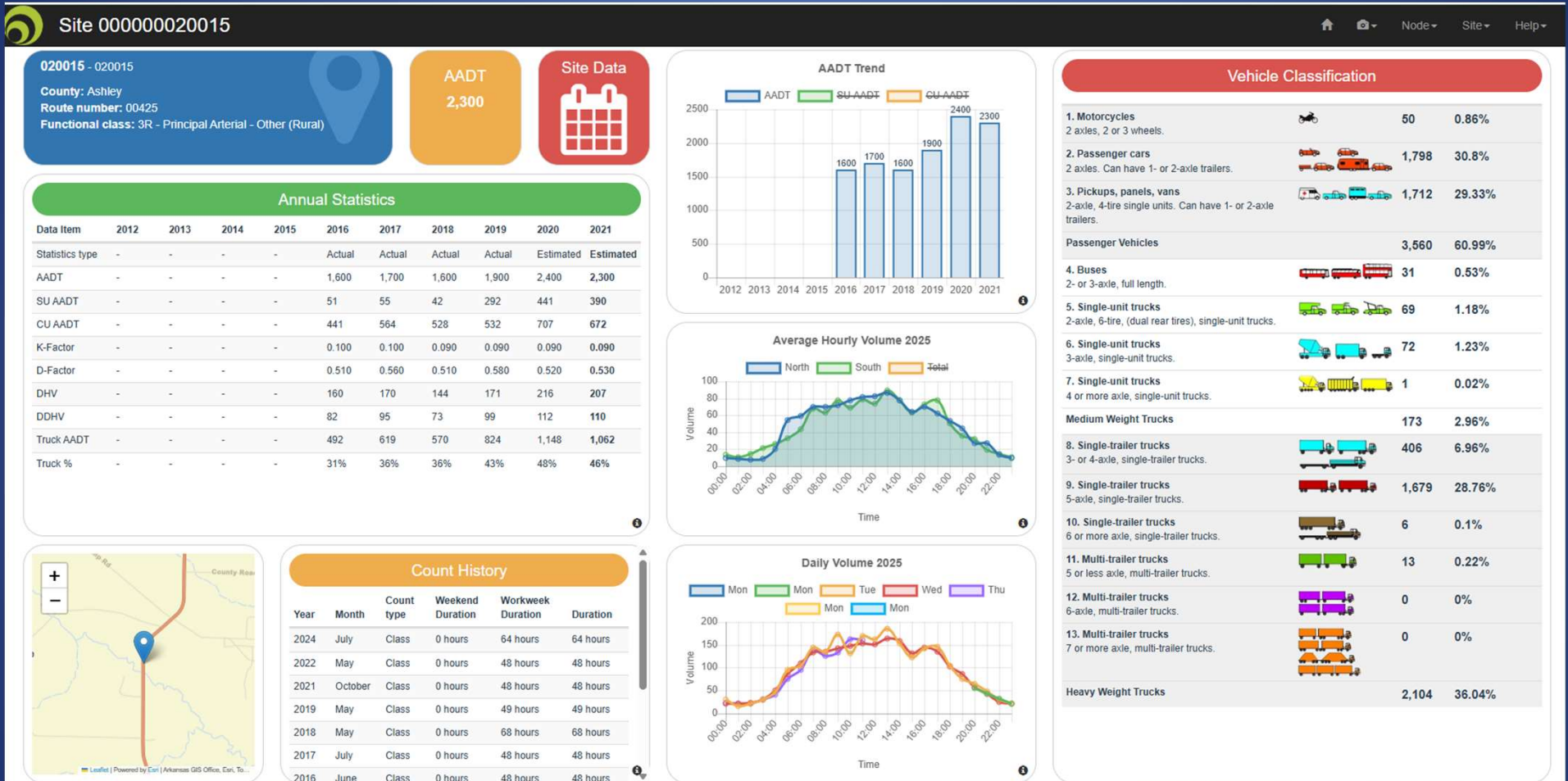
The screenshot displays the ARDOT traffic data portal interface. On the left, a map shows the location of Station Id: 020015 on Highway 425 S. The main content area features a data table with the following information:

Station Id: 020015
Description: 020015

	ADT	Average Speed	Speed 85%	% Truck	Coverage
2024	2,207	65.0	69.6	37.8%	0.7%
2023	2,300	-	-	17.7%	-
2022	2,300	-	-	17.7%	-
2021	2,300	-	-	46.2%	-
2020	2,400	-	-	47.8%	-

Below the table are four interactive buttons: Site Dashboard, Site data, Zoom to site, and Street view. The right sidebar contains the ARDOT logo and a text block explaining that the portal allows users to access traffic data for various roads across the state, including Annual Average Daily Traffic (AADT) and statistics for road segments, which are also downloadable for offline use. At the bottom right, it is noted that the portal is provided by Drakewell.

How will it help me?



How will it help me?

The screenshot displays the 'Tabular Calendar' application interface. At the top left, the title 'Tabular Calendar' is visible. The main content area is divided into several sections:

- Available Data:** Shows the date range 'Jul 15 2024 - Jul 18 2024'.
- Selected Dates:** Two date pickers are shown, both set to 'Jul 15 2024' and 'Jul 18 2024' respectively.
- Stats:** A row of buttons for 'Stats', 'Volume', 'Class', and 'Speed'. The 'Speed' button is currently selected.
- Data Options:** Two links are visible: 'Weekly Speed' (with a small Excel icon) and 'Multi-Day Speed by Direction'.

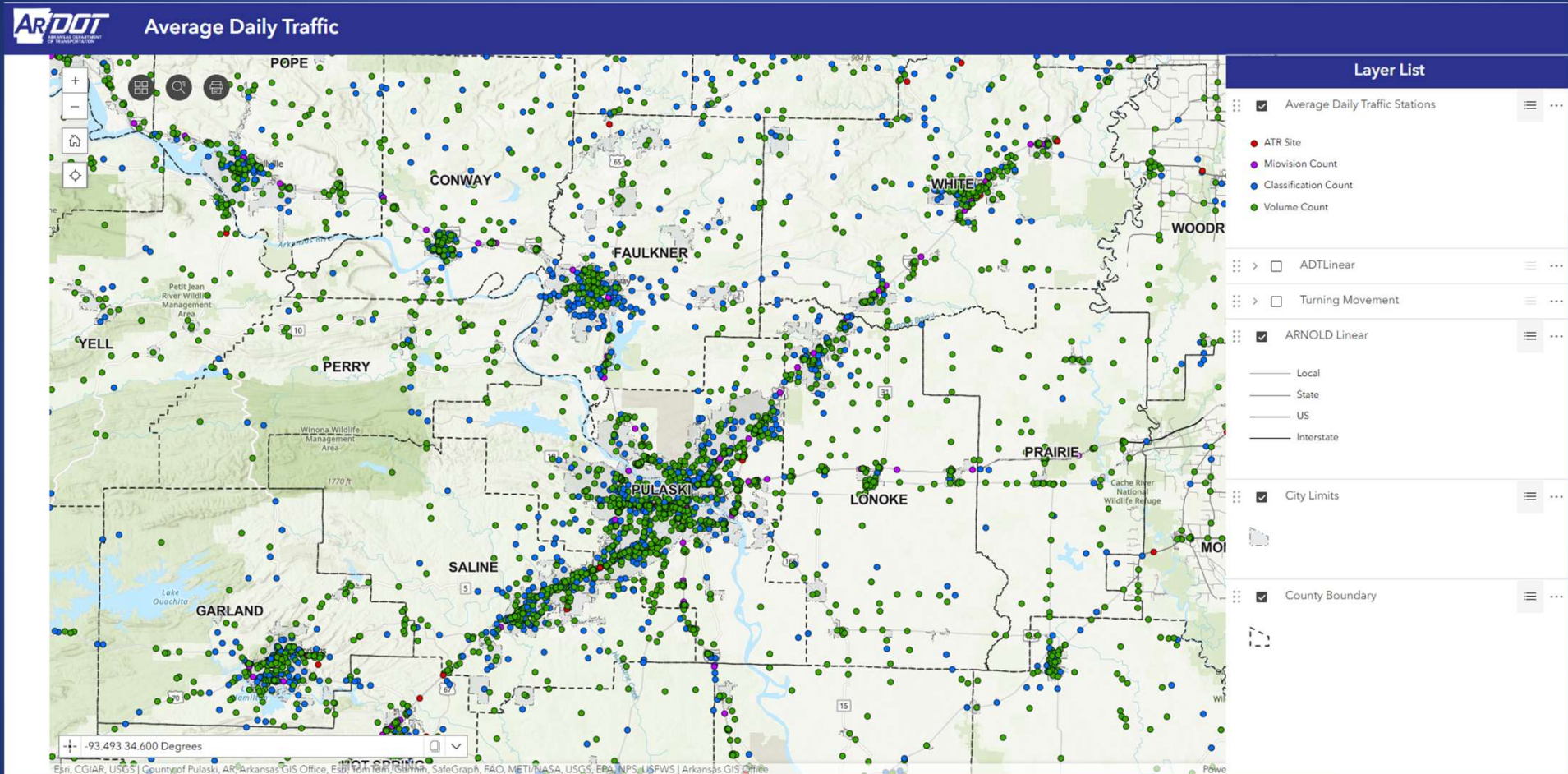
On the left side, there are three calendar views for April, August, and December. The August calendar has the 16th highlighted in yellow. Navigation arrows are present at the top of the calendar section.

At the bottom center, there is a small copyright notice: '©2-Cloud Traffic Data ©2003-2025 Drakewell Ltd. Version 25.09.18.074739'.



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How will it help me?



Benefits

- Vendor agnostic
- Easily view multiple datasets
- Clearer end-of-year closeout process
- Easier way to keep up changing rules
- Everyone working on the same platform

Questions????



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