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UDOT Traffic Camera Uses, User Input 1

58 Responses

Description	Frequency	Functionality	Improvements
working state wide i check to see if the roads i need to travel that day are ok	A few times a month	Extremely useful	N/A
I no longer use them for work. Just for personal reasons	A few times a month	Extremely useful	NA
troubleshooting	Daily	Extremely useful	I'm not sure how camera can help much more than what I have already explained.
commuting traffic	A few times a week	Extremely useful	N/A
As needed per public complaints	A few times a month	Moderately useful	If all cameras worked or were on and accessible
Inventory when Google maps isn't up to date	Once a month (or less)	Extremely useful	N/A
Know what the weather is like at my house	Once a week	Extremely useful	N/A
Road conditions	A few times a week	Extremely useful	More movement
field observations for permitting and design	Daily	Moderately useful	updated camera types or systems could collect additional information if they were improved/expanded
Have used them to monitor digital billboard regulatory compliance.	Once a month (or less)	Moderately useful	This is a question for UDOT's Outdoor Advertising Control team but there are use cases here where it makes sense to use available cameras instead of physical observance.
Road/Weather Conditions for Travel	Once a week	Extremely useful	N/A
Public information	A few times a month	Extremely useful	Live feed outside of the office.
Maintenance of ITS devices	Daily	Extremely useful	Ability to see near live video on a mobile device.

Verification of no incident/congestion	A few times a week	Extreme ly useful	Existing cameras with still images work well for this need.
Performance of the system	Daily	Extreme ly useful	Zone detection, vehicle classification, traffic counts, machine learning or artificial intelligence capabilities.
No longer use for work, but in former position used to monitor live traffic.	A few times a month	Moderat ely useful	N/A
Fiber Optic trouble shooting	Daily	Extreme ly useful	They could be useful for data for a state of system health dashboard. .
traffic condition	Once a month (or less)	Extreme ly useful	traffic queue
Damage Claims/Incidents	Once a week	Moderat ely useful	Most insurances are requiring photos of our assets that were damaged during an incident, if there was a way to go back and access a still shot of our damaged asset (like guardrail, crash cushion, concrete barrier, etc.) it could be beneficial in getting reimbursed for the damages.
Work that has been completed or progress of work being completed	A few times a week	Extreme ly useful	Maybe more of them in rural and signal locations. There's a lot of blind spots especially on SR-150, SR-248 and SR-224 in the canyon areas.
snow cover	Once a month (or less)	Extreme ly useful	N/A
Road Conditions	A few times a week	Moderat ely useful	If more of them worked High percentage of the cameras do not work in all the roads off of I 15 Highway 6, Highway 10 and Highway 31 have many cameras not working.
UDOT Permits	Daily	Extreme ly useful	A drone to do monitoring UDOT Permits, looking at traffic control work zone and buffers
Troubleshooting the device itself	A few times a week	Extreme ly useful	N/A
When someone from out of state calls in, I sometimes use it to answer their questions.	Once a month (or less)	Moderat ely useful	I use it more in the winter time when someone is traveling through and wants to know if the road is open or how much snow is on the road. After answering their questions, I teach them how they can find this information on their own via our website.

When We get a call about backup and we look to see what is happening and find it to be a contractor working without a permit, we can send someone out to fix the problem	A few times a month	Extremely useful	having camera that clearly show detailed images showing between intersections with clear view while zooming and if not clear adding additional cameras to get better view along busy highways.
Quick check for a design verification	Once a month (or less)	Moderately useful	N/A
To view the setup for our maintenance people.	A few times a month	Extremely useful	Our maintenance people use cameras for maintaining the system, especially during storms. Sometimes the cameras don't give them the views they would like to see. I set up additional views that they can use to monitor the system.
Project Design	A few times a month	Moderately useful	N/A
Early warning for oversize load	Once a month (or less)	Extremely useful	More cameras
Pavement conditions	Once a month (or less)	Moderately useful	N/A
Signal Timing	Daily	Moderately useful	There are some spots that we cannot see when doing signal timing on a corridor or for specific events
Check road conditions before travel	Once a month (or less)	Moderately useful	N/A
To create work orders	Daily	Extremely useful	N/A
Ramp metering	A few times a week	Extremely useful	The Freeway Operations Group is always looking for options to help provide better queue monitoring and feedback to our ramp meters. That includes technology like video-based monitoring ("virtual loops" and detection).
Engineering Related Contract Requests	Once a month (or less)	Moderately useful	Help to identify locations of projects during Scoping Meetings, One-on-One Meetings, and Selection Team meetings.
Integration and Administration	A few times a month	Extremely useful	Full fiber to all cameras would be nice. Easier ways to log into, view, and control all cameras. RWIS cameras are a good example of this.

Montoring truck traffic during inclement weather and road cloures	Daily	Extreme ly useful	During inclement weather and crash and weather related closures it would enhance the ability to give out more accurate and timely information to drivers. The better information the ports have the more they can help with truck traffic safety.
I have not used traffic cameras for work..	Once a month (or less)	Not at all useful	?
Maintenance and repair	Daily	Extreme ly useful	the new cameras are very easy to maintain and replace
I have the CCTV LiveView Camera replacement project for region 4.	Once a week	Extreme ly useful	N/A
I maintain the cameras so I use them for everything to make sure they are working correctly	Daily	Extreme ly useful	N/A
I repair or send in for factory repair	Once a month (or less)	Not at all useful	Not really applicable. I like the cameras better when they are fully functional. Means I am doing my job of making sure they work. :)
Data Collection - LRS, HPMS	Once a month (or less)	Extreme ly useful	N/A
Tracking camera replacement and maintenance	Once a week	Extreme ly useful	N/A
View Bridge hits	A few times a month	Extreme ly useful	Routing, response monitoring, severity of an event, remote locations
Surfacing in other applications	Once a month (or less)	Not at all useful	We have done this a couple of times per users' requests in the past. There are enough other ways to access them available that it is not a good use case.
Check road conditions for commercial motor vehicle drivers	A few times a month	Extreme ly useful	N/A
Seeing if routes have snow	A few times a month	Moderat ely useful	Placed in more areas of Region 4
Remotely view a project	Once a month (or less)	Moderat ely useful	zoom and rotate options would be used
Traffic flow within the Port of Entry	A few times a week	Extreme ly useful	More cameras, there is one port with no outside cameras.

To see live weather conditions at a location we may be traveling to or through for work.	A few times a month	Moderately useful	having them all functioning, lenses cleaned and not pointed straight down at the ground or away from the roadway.
I use the cameras to check Interstate Lighting complaints	A few times a week	Extremely useful	We have thousands of lights on Utah state roads, with a crew of 2 electricians it's hard to maintain all these lights. Using the cameras to check the lights saves us a lot of drive time and fuel costs.
Incident Management only	Daily	Extremely useful	Being able to size up the event before getting on scene , which could speed up what type of resources are really needed . Would help get rid of the premature freeway closure . And looking at an image of the scene would speed up the game plan to get traffic moving
Construction project issues and progress	Daily	Extremely useful	Having more portable systems that could be placed anywhere in the state and easily tied into the fiber network
Construction project backups	Daily	Extremely useful	More cameras
Structure performance during high wind/storm events.	A few times a month	Extremely useful	Allow me to have access to live video and being able to adjust the camera as needed to get the best view.
N/A	Once a week	Moderately useful	N/A

UDOT Traffic Camera Uses, User Input 2

7 Responses

Description	Frequency	Functionality	Improvements
Ramp meter observation	Daily	Extremely useful	a camera at the top of each ramp would be ideal
Find out why they cameras not working	Daily	Extremely useful	N/A
see if VMS are working	Daily	Extremely useful	the question answers it self
Check Traffic Control	A few times a month	Extremely useful	Routing, response monitoring, Severity of an event
Safety and Security within the Port of Entry	A few times a week	Extremely useful	They are used effectively.

To see live weather conditions and road conditions for an area I will be traveling through or to for personal business.	A few times a month	Moderately useful	having them all functioning, lenses cleaned and not pointed straight down at the ground or away from the roadway.
fdsafd	Once a week	Moderately useful	N/A

UDOT Uses of Traffic Cameras, User Input 3

4 Responses

Description	Frequency	Functionality	Improvements
Yeah	Daily	Extremely useful	N/A
add new cameras	Daily	Extremely useful	not a good question
Response routing	A few times a month	Extremely useful	Plan route to respond
fdsafd	N/A	N/A	N/A

Personal Uses of Traffic Cameras, User Input 1

11 Responses

Description	Freque ncy	Functio nallity	Improvements
Had camera's at last job in Law Enforcement	N/A	N/A	N/A
Incident location and which lanes are impacted.	N/A	N/A	Having an AI overlay that can 'see' the incident when panning to look for the incident, without the operator needing to find it.
Mountain snow pack	A few times a month	Moderat ely useful	Show foot markers
Planning detour routes around incidents	A few times a month	Extremel y useful	N/A
Just to view interesting locations. I have my favs.	Daily	Extremel y useful	I would like the app to let me have several fav lists that you could click and it would show you a tour of those cameras. That way you could put in your commute route and your zen route.
Checking roadway weather conditions	N/A	N/A	- Maybe have the "still" view rotate through historical stills? Kind of like how you view historical radar on a weather app, the stills could rotate through several still shots at 15-minute increments - overlay RWIS data
Big Mountain Pass	N/A	N/A	n/a
Use it quite frequently when it is snowing. Especially canyons and cove fort freeway. Black Ridge exit. Etc	N/A	N/A	Camera go offline to much i think. Certain areas I think should have live feed on mobile device. Not only on computer. I have a lot of people ask me how Cedar Canyon is or the freeway is to Cedar city Utah because I work for the state. I'm usually looking at the cameras to see how the roads are The main problems I see are. Innactive cameras=frequent Can't see out of cameras=snow or fog blocking the view in lens Having at least one camera with live feed not 10 minutes apart
Checking road/trail conditions - is the pavement clear?	N/A	N/A	Larger image and more camera views
Still camera use for checking traffic, weather, or planning (less than once a month, Moderately useful)	N/A	N/A	Additional cameras for coverage and/or better zoom capability

Accessing RWIS information.	N/A	N/A	Live feed instead of snapshots

Sources of RWIS Data

19 Responses

Other (please describe) - Text

UDOT Traffic App

FAA Weather Cams

Statewide Forecast email

UDOT Traffic app

USGS Water Watch https://waterwatch.usgs.gov/?m=real&r=ut

UDOT Traffic APP.

UDOT App

KSL Weather

UDOT traffic app

tracking of precipitation - when it reaches points that could threaten slides, activate a response group

UDOT VSL Website

UDOT Traffic (Android mobile app)

UDOT Weather forecast

Weather Channel, Apple Weather

UDOT Traffic Alerts emails

UDOT traffic app

UDOT Traffic App

KSL weather radar

weather channel app

RWIS Data Uses, User Input 1

14 Responses

Description	Frequency	Functionality	Improvements
To see if it's snowing in my area	A few times a month	Extremely useful	N/A
safety research	A few times a month	Moderately useful	more access to the data would be helpful

I really don't use them	Once a month (or less)	Not at all useful	Can we add flood or fire protentional
Trip planning	A few times a week	Extremely useful	Add a Road Surface measurement of some sort (Dry/Wet/Snow Covered/Icy/etc.)
Relevance to connected vehicle applications/efforts	A few times a month	Moderately useful	- Improve access to historical data - more widespread deployment
I don't use it.	Once a month (or less)	Moderately useful	I'm not sure what data this is.. IF UDOT thinks its useful, we should have links to it on our computers...
find average regional temperatures	Once a month (or less)	Moderately useful	N/A
Personal	A few times a week	Extremely useful	The notifications and public-facing material has been very useful for me personally. Links to more detailed forecasts or information sources (so the public can follow up) may improve uptake, but I already know where to go for information. The alerts are highly effective in encouraging me to check additional data sources.
I use it when constituents call and want to know weather conditions.	Daily	Extremely useful	N/A
	Once a month (or less)	Extremely useful	N/A
Directing commercial vehicle drivers around weather impacted routes.	A few times a week	Extremely useful	N/A
where to send the snow plows	Daily	Extremely useful	N/A
Construction planning	Once a month (or less)	Extremely useful	Can't think of anything, I appreciate the data that is there.
Use them data from them to determine wind speeds and how structures are performing.	A few times a month	Extremely useful	More locations. Typically we are using data from a distance away. For structures it it nice to understand how the topography is impacting the velocities. Sometime the topography has changed from the RWIS to the area of interest.

RWIS Data Uses, User Input 2

2 Responses

Description	Frequency	Functionality	Improvements
To see if roads are plowed for my commute home.	A few times a month	Extremely useful	N/A
When to send out plows	Daily	Extremely useful	Lights at night.

RWIS Data Uses, User Input 3

1 Responses

Description	Frequency	Functionality	Improvements
none	Once a month (or less)	Not at all useful	don't use it

UDOT Uses of VMS, User Input 1

94 Responses

Description	Frequency	Funtionality	Improvements
Change in traffic pattern during construction	Once a month (or less)	Extremely useful	N/A
Wish they had more of these	A few times a month	Moderately useful	On roads like Bangerter. Redwood Rd between SLCounty & Utah Co. And a few more S/B on I-15 between Utah Co & the AZ/NV border.
Construction Project Notifications (Lane Closures/Detours.)	Once a month (or less)	Extremely useful	N/A
travel safety	A few times a week	Moderately useful	more signs and people do as the signs say
Pre-storm Weather Messaging	A few times a week	Extremely useful	N/A
safety messaging	Once a week	Moderately useful	better quality/maintenance of the boards
Maintenance	Once a month (or less)	Extremely useful	N/A
warnings	Daily	Extremely useful	N/A

Port of entry	Daily	Moderately useful	Heated. they get covered with snow
Wildlife crossing warning	Daily	Moderately useful	N/A
speed limit and traffic control	Daily	Extremely useful	N/A
Construction	Daily	Moderately useful	N/A
cow's on highway	Once a month (or less)	Moderately useful	its been working good for this area
Project-related delays	Once a month (or less)	Extremely useful	Need more VMS to better warn drivers of delays.
Work zone information.	Once a month (or less)	Extremely useful	N/A
Construction MOT	Once a month (or less)	Moderately useful	N/A
Lane closures	Once a month (or less)	Extremely useful	N/A
Use to create the Monday message	A few times a month	Extremely useful	N/A
I have requested messages to the TOC	Once a month (or less)	Extremely useful	N/A
Road work ahead	A few times a month	Extremely useful	N/A
Road conditions	A few times a month	Extremely useful	If they stay current. Sometimes they are not updated after the condition changes
construction specific messaging	Once a month (or less)	Extremely useful	N/A
Social Media Content	Once a month (or less)	Moderately useful	N/A

weather conditions	A few times a week	Extremely useful	again, more locations
Event Planning	Once a month (or less)	Moderately useful	N/A
Information to the public	A few times a month	Moderately useful	N/A
Construction detours and closures	Once a month (or less)	Moderately useful	Prompt to receive an in-vehicle or phone message (I know, that one is out there a way). Dynamic synchronization with temporary VMS, indicating congestion or other pertinent information. Often, the message needs to be brief and subsequently lacks instruction or can't be read safely. Occasionally, they provide a message that isn't actually the case, but that is difficult to manage with contractor or field crew input.
Traffic Control	A few times a month	Extremely useful	N/A
For detour information	A few times a month	Extremely useful	N/A
Weather Conditions	Once a week	Extremely useful	N/A
public information and notices	Once a month (or less)	Extremely useful	N/A
Winter driving conditions	A few times a week	Extremely useful	N/A
Have Toc Post a warning	Once a month (or less)	Extremely useful	N/A
Air Quality - TravelWise messaging	Once a week	Moderately useful	Incorporate Spanish into them (alternating perhaps)
road closures	Once a month (or less)	Moderately useful	N/A
Road Closures	Daily	Extremely useful	Make them " Live "

Warn of Construction delays	A few times a month	Moderately useful	If they had some closer to the construction sites
Routing Commercial Vehicles.	Once a month (or less)	Moderately useful	N/A
Construciton notificaitons	A few times a month	Extremely useful	N/A
Construction messaging when Traffic control can use the VMS	Once a month (or less)	Extremely useful	N/A
Construction Project Warning	Daily	Extremely useful	N/A
Maintenance	A few times a month	Moderately useful	N/A
bad roads	A few times a month	Extremely useful	N/A
People call to complain about the message (mostly covid related propaganda)	Once a month (or less)	Not at all useful	During covid, people called to complain about the propaganda we put on there. Unfortunately the Governor's office mandated it. So I guess there isn't much we can do when it comes from the Governor's office.
We require events to warn the traveling public before events 7 days in advance that will impact the highway	Once a month (or less)	Extremely useful	When they give the most accurate up to date information. General info and estimated times, People ignore but if they get real time info and they know oh accurate that info is they would trust it more.
Construction	Daily	Extremely useful	N/A
N/A	A few times a month	Moderately useful	N/A
Future construction warning	Once a month (or less)	Extremely useful	N/A
Portable VMS for Construction	A few times a month	Moderately useful	N/A
Construction management	Once a month (or less)	Extremely useful	N/A

Coordinate with TOC for work zone traffic management	A few times a month	Extremely useful	Update message as situation changes.
Simply while traveling on business.	A few times a month	Moderately useful	N/A
Construction Delays	A few times a month	Extremely useful	N/A
Traffic control	Daily	Extremely useful	They are very useful when displaying the correct information. To increase their effectiveness motorists must pay attention to the messages displayed.
Construction Alerts	A few times a month	Extremely useful	N/A
Construction messages	Once a month (or less)	Extremely useful	N/A
Integration and Work Order Maintenance	Once a month (or less)	Moderately useful	Simple one step test message display.
Construction Information	Once a month (or less)	Extremely useful	Maybe easier for contractors to work with those who maintain the messages. But that process could be already easy. I am assuming it isn't because I don't see the VMS used as much as portable VMS boards.
port of entry	Daily	Extremely useful	N/A
My group designs supports for the VMS signs.	A few times a month	Moderately useful	N/A
Messaging Construction notifications/delays	Once a month (or less)	Extremely useful	N/A
Construction Project Information	Once a month (or less)	Extremely useful	only messaging when needed.
Construction impacts and lane closures	Once a month (or less)	Extremely useful	N/A
construction traffic control	Once a month (or less)	Extremely useful	N/A
if any pixels are out and condition of the sign	Daily	Extremely useful	fix the problem

Traffic Control Impact Notifications	Once a month (or less)	Extremely useful	Always show when a lane closure exists for upcoming traffic on interstates
construction traffic control messaging	A few times a month	Extremely useful	N/A
maintence work	Once a month (or less)	Extremely useful	I think when the shed does a lane closure it would be very helpful to keep us safe and aware to the public that we are working.
Maintanance	Daily	Extremely useful	N/A
I repair the mobile VMS signs	A few times a month	Extremely useful	Not really applicable.
Notifying commercial motor vehicle drivers of what they need to do.	Daily	Extremely useful	N/A
Winter weather if they will turn them on and leave them on for as long as needed and not just shut them off when the very few cameras in my area show the road not to bad but inbetween cameras is still bad	Once a week	Extremely useful	when they are called to turn them on leave them on untill they are called to turn them off
Tracking Maintenance	A few times a month	Extremely useful	N/A
Bridge closures	Once a month (or less)	Extremely useful	more signs
Besides travel time prediction I will plan an alternate route.	Once a month (or less)	Extremely useful	I was driving on I-15 yesterday. A VMS alerted me of an accident 16 miles ahead. I made plans to adjust my trip accordingly. However, traffic was backed up for 6 miles and I encountered slow traffic far earlier than I expected. I don't know if there is a way to alert people when to expect traffic delays. I understand that fluctuates due to traffic volumes. But, I think it would be helpful.
Review placement on projects with other overhead signing.	A few times a month	Extremely useful	No change. Current coordination on projects in the design phase is working as it should.
For Zero Fatalities programs	A few times a week	Extremely useful	Continue sharing thought provoking safety messages.
construction VMS	Daily	Extremely useful	Construction sfaff/contractors could be more proactive in updating messages and locations more frequently to address traffic and field conditions.

Construction alerts	A few times a month	Extremely useful	N/A
Construction Use	Daily	Extremely useful	N/A
VMS is used in the Port of Entries to control the flow of traffic and direct CMV drivers withing the port.	Daily	Extremely useful	N/A
Special Events	Once a month (or less)	Extremely useful	N/A
Information Prior to Construction	Once a month (or less)	Moderately useful	N/A
Construction warning	Once a month (or less)	Extremely useful	If we had cameras on that we could access that would allow us to see if the message was displayed properly and also view traffic at the VMS (not sure if there is a camera that is already there that does this and I just don't know it, or they are not there).
Construction	A few times a month	Extremely useful	N/A
maintenance	Daily	Extremely useful	N/A
Construction Related Impacts	A few times a month	Moderately useful	N/A
Severe weather alerts over Strawberry	A few times a month	Extremely useful	Expanded access for UDOT employees to implement message campaigns as well as an approval process/vetting whatever is needed.
Construction	A few times a week	Moderately useful	N/A
Construction	Once a month (or less)	Extremely useful	Better coordinate between projects and the TMD
Construction where crews install overhead sign structures over traffic	Once a month (or less)	Extremely useful	VMS need to be at specific locations that relate to the project you are working on in order for them to be more useful
When we have lanes closed we ask the TOC to light up the vms boards prior to our closure providing more advanced warning prior to our closure	A few times a month	Extremely useful	Utilize these boards more. The more information the traveling public have, the less chance I get hit.

To display construction project impacts	A few times a month	Extremely useful	N/A
Safety Messaging	Daily	Extremely useful	N/A

UDOT Uses of VMS, User Input 2

19 Responses

Description	Frequency	Functionality	Improvements
Not sure if they are updated accurately	A few times a month	Moderately useful	I have seen signs that say "accident ahead"...and there is no accident. If I had taken a detour, I would of been upset.
Automated Road Weather Warnings	Once a week	Moderately useful	More system level automation for road weather warnings based on RWIS.
Warning of possible hazzards	Once a month (or less)	Moderately useful	if the traveling public actually would read the message
Event information	Once a month (or less)	Extremely useful	N/A
Special events that might impact travel.	Once a month (or less)	Extremely useful	N/A
Speed Management	Once a month (or less)	Moderately useful	N/A
Construction ahead	Once a month (or less)	Extremely useful	N/A
Road work ahead	A few times a month	Extremely useful	Getting the word out
event advisories	A few times a week	Extremely useful	N/A
Construction on roadway	A few times a month	Extremely useful	N/A

Warning of drivers	A few times a month	Extremely useful	N/A
Event traffic notifications	Once a month (or less)	Extremely useful	N/A
People call to say the I-84 canyon one isn't working (they just don't pay attention)	Once a month (or less)	Extremely useful	Maybe stay light up all the time instead of only when trucks are coming up on it.
if the brightness is ok	Daily	Extremely useful	N/A
Sometimes I have postponed a trip that is not time sensitive (it can wait).	Once a month (or less)	Extremely useful	Nothing.
MOT for construction	A few times a month	Extremely useful	N/A
Provides additional information to drivers of CMVs about road conditions ahead that may be specific to large commercial vehicles and oversize loads.	A few times a week	Extremely useful	N/A
Chain law in effect for Daniel's Canyon	Once a week	Extremely useful	If they could be synchronized to our chain up lights that we manually control in the winter that would be helpful. We currently call into Wasatch County Dispatch and they notify the UDOT traffic operations center who update the sign accordingly.
My snowplow broke down blocking one of two lanes in Parleys. I called TOC on the state radio to light up the vms board warning drivers coming into the blocked lane	Once a month (or less)	Extremely useful	N/A

UDOT Uses of VMS, User Input 3

6 Responses

Description	Frequency	Functionality	Improvements
Weather warnings	Once a month (or less)	Moderately useful	N/A
Road closed	Once a month (or less)	Extremely useful	Getting the word out
construction notice	Daily	Extremely useful	having signs available prior to and in construction zones

Maintenance ongoing activities	A few times a month	Moderately useful	N/A
	Once a month (or less)	Moderately useful	N/A
Road Closure Daniel's Canyon	Once a month (or less)	Extremely useful	N/A

Recommended Improvements

How could ... be improved for ... ?

Traffic Cameras, Live Traffic/ Incident Management

73 Responses

If they weren't offline all the time that would be best

Upgrade all cameras to the new high definitions cameras

Better reliability.

my ability to change camera angle

The ability to zoom in or see live images in motion would be very helpful. Sometimes when the lighting is poor you need to zoom in on your device. The only way to do that is to do a screen shot and then zoom. You cannot tell traffic speed from a still picture, that info would be helpful.

Ability to pull up live cameras on my cell phone or other personal device / laptop / etc.

Having more widespread coverage of cameras.

Knowing about incidents is often lagging, especially on roads that are not covered by UHP. When traffic sensors identify a slow down in travel speeds, the cameras in the area ought to begin panning the area until the incident is located or acknoledged by the operators.

more cameras or a different system of cameras for intersection work

Get them to all work

So we could respond with the right equipment.

Having access to live feeds instead of stills would be very helpful

Removing obstructions that block camera views

They need to work more often. They are not reliable.

Allowing control of cameras by certain UDOT employees to verify traffic backups, units on-scene, etc.

More preset camera angles to choose from and more cameras in different locations.

Live feed outside of the office.

Have more cameras installed in more locations (signalized intersections).

Ability to see near live video on a mobile device.

Just depends on location. In rural Utah there are often no cameras near where incidents occur so they are of limited use.

Allow the us the ability to monitor the impacts and assess necessary actions at the local level in real time.

Install more cameras. Use cameras with a longer focus range.

Frequently the traffic cameras are not working. More reliability would be nice.

Live images are more useful. Many times I am not at my desk so I have to use the app.

to see a greater area, and not just the incident area

No change needed for what I use them for.

Directional indications when the camera angles have been changed from default positions.

ability to stream live feed on UDOT traffic app or website

If they were working. More often than not the cameras are out of order or under repair.

Maybe more of them in rural and signal locations.

more cameras in more locations

Live views are awesome if you have them in your area (way out west would be nice, 84 runs out here as well) there was a portable on Rattlesnake Pass of a while and it helped a bunch.

- Increased accessibility to live feed
- When live feed is unavailable, some locations show the "still" view on the public facing website and it rotates through different camera angles to show different parts of the roadway or different intersection approaches, so it would be more useful to have more widespread deployment of the cameras with these multi-view capabilities
- Improved resolution
- deploy more cameras

map the location either in paper or on an ESRI product to see where they all are

If more of them worked

My area is rural and so not a lot of heavy traffic. However if I am traveling somewhere I will look to see what traffic is like.

They could work more often and not go out so damned much.

having a database that ties the camera feed to live and historic traffic data from monitoring devices

Having more access

Have the live feed on the app in order to help show the flow of traffic

Better spaced to give us view to entire highway so even zooming in we can clearly see all sections of busy highway to save us time of driving out to see a problem.

Deployed to areas that currently do not have cameras using crash/incident data for effective site locations.

live feed

I need more cameras.

Be able to pan and zoom in and out.

Camera mounting locations to see multiple intersections at one time - I know that this will place them more in the travel way, but it is helpful.

If there were more of them, especially on surface streets

There are some spots that we cannot see when doing signal timing on a corridor or for specific events

In cases responding to incidents on the highway I can use to the UDOT traffic app to find accidents and get an exact location so I can get there quicker.

More cameras and better angles

Additional cameras to reduce spacing and provide better coverage

Install more cameras.

Some cameras need to have better quality or need to be cleaned more frequently. Otherwise more cameras throughout the state would be useful.

Obviously more of them to get more view options

N/A

N/A

More thoughtful placement of cameras to maximize usefulness at the location of install and surrounding transportation facilities. For example if the camera at I-15 MP 282.46 been placed on the west side of I-15 it would have facilitated views down US-89 as well as mainline I-15.

Higher resolution. The new cameras are fantastic!

Able to block publics view

snow plows, road congestion, IMT, road conditions I.E. traffic, weather, etc

na

At the Ports of Entry it would be very nice if we could see live feeds so that we may be able to let commercial motor vehicle drivers aware of what is happening on the route they are driving, or to give them alternate routes.

They need to work, they seem to be off during a storm and at night

If I could log in and have live streams at my desk

notifications

Detecting incidents before they are called in to law enforcement

Update the picture more frequent

Only adding locations and more preset views

Better redundancy with the cameras and system . I think each year things are getting better ; Would like to see more cameras along I-15 between Exit 27 and Exit 42 ; We do have a dark territory between Exit 30 & mp 35

Having traffic cameras at all high traffic intersections would be a big help.

Many of the state pelco and liveview cameras need to be updated and there are too many blind spots throughout the state.

The ability to see live feeds on a mobile device.

If they could move on five axes instead of three

Traffic Cameras, Research

28 Responses

None

updated camera types or systems could collect additional information if they were improved/expanded

In theory, they could be leveraged to perform quick safety checks on projects for traffic control conformity in project areas. To achieve this type of use case the tech would need to be made available on demand to UDOT safety personnel. Some training would also help with such an effort.

Better resolution and zoom features. Incorporate vehicle count ability.

I have difficulty using the cameras on my work laptop due to the camera controlling software, VCS.

Better coverage of known chokepoints during weekly, holiday, or seasonal peak flows and their relation to origin-destination points and times.

Maybe more of them in rural and signal locations.

- Increased accessibility to temporarily record live feed
- More widespread deployment of multi-view cameras
- Improved resolution
- deploy more cameras
- Edge computing to count and classify vehicles, VRUs, etc.

If you could record times and areas of what you specifically need.

Need an automatic method to determine traffic statistics (speed, volume, etc) based on imagery.

having a database that ties the camera feed to live and historic traffic data from monitoring devices

More continuous count capabilities and live automatic tracked data on all high traffic routes including rural areas.

Possible use of live feeds for volume and speed estimates for Cottonwood Canyons

More traffic cameras where I need to collect data.

If there were more of them, especially on surface streets

There are some spots that we cannot see when doing signal timing on a corridor or for specific events

camera that can view the whole intersection at once with all movements

Additional cameras for better coverage and/or better zoom capability

Install more cameras.

Obviously more of them to get more view options

Access to an archive of fixed camera images at different times

Add more locations

It would be nice to see what traffic is doing around the count stations during construction, lane closures or inclement weather.

Live traffic viewing would be helpful to more fully understand traffic issues.

If I could record certain time periods, it would be more useful - Even if we only keep the video for a week.

Easier to access and put up temporary cameras

The ability to see live feeds on a mobile device.

If they were could fly to where I needed them

Traffic Cameras, Maintenance

140 Responses

Live feed within our plows

Be sure still images are up to date; clearer, crisper images, and traffics cameras are working especially in winter so we can monitor road conditions for oversize loads

By having the correct locations on them, easier access, availability to view video through the VPN.

live feed

If all of the cameras worked or were on and accessible

They work great

Better reliability.

Most of the cameras that I need to monitor snow are solar and do not work during storms which inhibit their usefulness.

The ability to zoom in or see live images in motion would be very helpful. Sometimes when the lighting is poor you need to zoom in on your device. The only way to do that is to do a screen shot and then zoom. You cannot tell traffic speed from a still picture, that info would be helpful.

There are quite a few cameras that have been off line for a significant amount of time. Those cameras obviously aren't providing any benefit. A shorter image refresh time would be helpful.

Cameras actually work, It seems like they are always down when a storm comes through. Also the lights normally don't work to they are useless at night.

They are very useful in snow operations. We need more cameras having access to live cameras on personal devices would also help.
We only have live access at the office and most of the time I'm checking cameras from my phone the still images don't work well for me

Having more widespread coverage of cameras.

Streaming outside of office.

updated camera types or systems could collect additional information if they were improved/expanded

Get them to all work

make sure all are up and running

Keep them up and running, they are very useful in our area watching adverse weather.

get more of them and make them more reliable

We depend on the cameras for road conditions. We need more in the remote places. half of them don't work.

One very important "Safety" Division was not listed "Motor Carriers Division"

when they work they are fantastic most of the time they don't work in our most needed locations

Need to see the roads at night. or the are useless (like looking for snow as a shed supervisor)

Better night or low light viewing.

Real time with out the delay with still shots

more in mountain areas and have the few that they do have working properly

Need more locations to better monitor winter storms

If they all would work correctly

be in better spots

get the lights working.for night time

If they were more reliable, go down during bad weather.

Better low-light adaptability

ALLOWED TO WATCH LIVE FEED ON PERSONAL DEVICES

Higher resolution, better night visibility, more locations

Being able to clean the Lenses.

More preset camera angles to choose from and more cameras in different locations.

Live feed outside of the office

to have them fr live view on mobile devices.

Ability to adjust the IR sensor and the wiper of the camera from any type of connection.

Just need them to be more reliable. UDOT is working on this by replacing most of the Live View cameras that are very unreliable. Live Feed would also make it very useful to get real time view.

First having cameras that actually work during a storm event, second having them pointed at the roadway or critical areas and not having them moved by others during the event, we have a snow preset on many cameras, but this needs to be the Home or Default setting throughout the winter.

Frequently the traffic cameras are not working. More reliability would be nice.

Low light cameras are helping. Rural areas without lighting struggle in the dark. Need remote access from their homes.

see better at night

They would be more useful if we could adjust them when needed.

If thy wasn't on solar and worked

More cameras in rural locations.

More of a clear picture in the dark hours. Idaho Dot's cameras are very clear in the dark hours

deployment has begun on some cameras that have heat/wipers for snow and ice build up, more of these upgrades. Useful when monitoring the road conditions during a storm

They could be more usable like have the ability to pan rather than just see the couple different views so you could monitor the storms coming in and not just the roadway

they could show more of where we need to have more coverage with plow trucks

Making sure that cameras that are non longer usable (Liveview cameras in remote areas) are not still showing up on UDOT Traffic app and in AIMS.

Get them off the LiveView system and on to our own video server.

real time monitoring of operation and condition.

If I could move them where I needed and if they had a light on them to be able to see better at night

If they were working. More often than not the cameras are out of order or under repair.

Many times the cameras aren't working especially in higher elevations, so more consistent working cameras along with the lights working. Also, more cameras especially in the higher elevations.

if we could zoom them in closer to the roadway most are so high that you can not hardly
tell if there is snow on the roads

Cameras need more maintenance so they work as they should at all times. Many are frequently down when needed.

They would be more useful if they worked all the time. It is very frustrating to see how many are not showing up

Maybe more of them in rural and signal locations.

more cameras in areas with high changing weather condition

more cameras in more locations

IF they worked at night we could see the road that would be great

Being able to angle the camera and to move the camera to view locations on the routes.

Work at night

- Option to display an overlay with current RWIS information at that location (or nearby). This way, I check the camera (live or static) and can tell that it's snowing and how close ground temp is to freezing to know about ice development or snow sticking
- Improved resolution

Better picture quality

If we could get rid of Live view cameras and install all of our own cameras it would help. Live view cameras are often out of service in the higher country of region 4

Need to be all HD cameras and it would be nice if current weather conditions could be displayed

If more of them worked

More of them in Brigham and surrounding area

The cameras are very useful. I use them multiple times a day to check road conditions. I also use them as an early indication as to what weather might be coming to my area. Or to see if the storm front has pasted in other areas and is heading my way.

They could work more often and not go out so damned much.

Need more in more locations, use cases or coatings to prevent snow and ice build up, better signal during storm events.

More cameras and put them at locations decided by the maintenance crews. Often our cameras are not where they want them to be able to monitor snow.

Make sure they are running on the app. One system to see live videos for all camera types

If they worked that would be nice. When you need them they are typically out of service.

Having more access

Not have so many camera's not currently working

Having an RWIS on each camera in the remote areas so can see what the temps are if you can't see at night with the camera or the camera goes out

seems like every time there's a storm half the cameras are down if we could keep them working and have better picture at nights that would be great

Road conditions

Be able to show the live feed on the app would be helpful

If they could tell you information from that camera location like temperature and wind and have it display on the camera view off to one side.

Road weather conditions, snow plows, traffic (accidents and traffic), device maintenance, etc

Give them access to live view and also have good lighting so they can see the road at night.

Less outages

live feed

I need more cameras and they need to function 24/7

Coordinate with Maintenance to put cameras in areas of high concern that do no already exist.

If there were more of them, especially on surface streets

cameras often go out in areas that need maintenance

Being able to see road weather conditions would be vital to know what is going on at all times. This would make for faster response times and better responses from UDOT.

Allow to change camera angle on personal device/phone. Be able to better see road conditions

Be able to zoom in, pan and tilt.

A larger image size. The image is just a thumbnail size on a large monitor, about the same as the phone or ipad

Adjusting the angle would be useful.

keep them working and add more

Additional cameras for better coverage and/or better zoom capability

Install more cameras.

Outside of the urban area, greater coverage for troublesome areas to help maintenance monitor conditions.

If there was a live feed option for a mobile device

They are excellent for this purpose. Additional cameras would be good to have.

Its just very high overview like you cant really tell the road conditions from the cameras. Yes you may see if there is snow or something but not like how much or how slick.

Better access to the cameras as well as placing cameras in key areas to monitor road conditions.

Link to any weather information at location of camera.

N/A

Have more cameras that work

Night vision, Better solar panels.

Install more traffic cameras in rural areas of Utah.

Better resolution and ability to have night vision

live feed on Personal device since we are in the field alot

Having additional cameras in key locations

Better device Maintenance

At the Ports of Entry it would be very nice if we could see live feeds so that we may be able to let commercial motor vehicle drivers aware of what is happening on the route they are driving, or to give them alternate routes.

Show all three views on the app and have the light on them work at night so you con see the road

Easier access

They need to work, they seem to be off during a storm and at night

More cameras that keep working

Change angles, Clear lenses during storms

Get rid of all Liveview cameras and move to UDOT cameras.

More in Southern Utah

more of them in rural areas, figure out why they sometimes only work at daytime, and when its not a snow event

If they worked! A lot of the time the ones I look at are temporarily down.

live feed

Notifications

Having cameras that you can get to pull up

they don't work most of the time.

RWIS need some lighting they are useless at night.

Continuing live feeds in real time. Maybe some sort of heat source to stop build up of snow and ice on camera lenses that stop or restrict view.

Update more frequently and less down time for the cameras.

Much more attention paid to rural cameras in Region 3. Priority given to those in mountain routes for the winter and those in narrow canyons (flood concerns + snow). It is common for 25% of the cameras we use are out of service and remain out of service for months at a time. I advise them to report them higher up the chain and on the UDOT app but it seems like nothing gets done. Out of the 6 cameras we have 2 have been out of service all summer long and we are now into the winter. The cameras are especially critical in winter months as you can imagine. I have personally received many telephone and in person complaints from the traveling public that the cameras are always going down. We would also like to see increased funding for more new cameras both in Strawberry and Tabiona. They make our jobs much easier when they work and they have become an essential tool among the increased traffic and population in our areas.

Night vision improvement and infrared

They could be more useful if they were all connected to hard power and fiber so they could be live streamed in the sheds. Short of that an unlimited data plan would help for being able to view livestreams. Livestream feeds help you see the snow falling/intensity.

If they worked more consistent

More cameras.

More video coverage would help. Sometimes I am trying to see the condition of something but the location of the camera makes it difficult or impossible.

Easier to access and put up temporary cameras

Live feed on devices, plus the ability to access different settings like zoom, move, etc.

Traffic Cameras, Work Site Management

56 Responses

I use them for just about everything. In my line of work I use them to check the weather in the area I am going to work for the day, we use them to troubleshoot network issues, power issues, device alignment issues, for the ability to monitor message boards and other device issues to try to resolve problems to mitigate drive time

Educating REs that they are available and how to use them.

They work great

Better reliability.

Ability to move the camera to point at the traffic control without calling the TOC. The TOC seems to slowly move the cameras back to the original positions and then I have to call again.

Having the ability to quickly and easily log into a camera and change the view, including from a mobile device. A shorter image refresh time would be helpful.

Having more widespread coverage of cameras.

If you could move them or zoom

make sure even in active project the cameras are put a temp poles until new ones in place

able to zoom in

I dont know

Need more of them in rural Utah.

Ability to see near live video on a mobile device.

Simply need to have cameras in the right spot. If you have cameras in the vicinity they are great but most projects do not have cameras near enough or in the right position to monitor effectively.

Frequently the traffic cameras are not working. More reliability would be nice. More cameras would be helpful.

It would allow me to verify that the TC was set up correct and operating correctly.

Again so that we could move them around to check all directions of traffic.

seeing the whole extents

Programming for multiple views in a work zone. Especially monitoring of queue lengths and timing.

Stop removing them in the middle of the construction zone, leaving dead/blind spots or utilize temporary construction zone cameras

Maybe more of them in rural and signal locations.

If you could record times and areas of what you specifically need.

Need to be able to record

A drone to do monitoring UDOT Permits

They could work more often and not go out so damned much.

ablity to move, zoom, etc more controlled. tie to live traffic monitoring devices.

Easier to access live video feeds. One system to access all cameras

Having more access

Traffic backups

Using updated cameras would give us clear images to keep an eye on a project possible zooming in to check on details on the project and could help save a trip driving out to just take a visual for the work being performed so time management would be super helpful.

Maintain working cameras in work sites or deploy cameras if maintaining current cameras is not possible.

Same as other answer

I need more cameras

Be able to pan and zoom in and out.

If there were more of them, especially on surface streets

more cameras

When we have cameras that allow us to view projects it just adds another level of clear communication as we are able to quickly see a live view of the progress/issues.

Install more cameras.

They are excellent for this purpose. Additional cameras would be good to have.

Obviously more of them to get more view options

Having live feeds to assist in port operations would enhance ability to keep truck traffic flowing through the port more effieceintly

More detailed images, or close ups

Ability to zoom.

Better resolution and ability to have night vision

na

More Camerazx

Expand opportunities for more people (Contractors) to have access to live feeds.

When it is over cast or any type of precipitation the cameras do not work. I here a lot of complaints about the cameras not working when they are needed the most.

Region 4 does not have hardly any worksites within the view of the traffic cameras, this really is not applicable to our situation unless you start putting as many traffic cameras down here as you do in the other Regions (at least in density vs. overall size of the Region).

It would be more useful if the images updated more frequently, and if the cameras were not offline as often as they seem to be.

More pan/tilt/zoom cameras within the Port of Entry.

The ability to see live feeds and adjust the camera angle would make them more useful.

Night vision

Easier to access and put up temporary cameras

The ability to see live feeds on a mobile device.

Night vision

Traffic Cameras, Checking Traffic

123 Responses

As the public, I believe that a live view would be better.

live feed

It seems as though a lot of cameras are off line in the more rural areas of the state.

If they were on

Easy to use apps for phones

Possibly by using some kind of indicator which would tell the user to check it prior to using that route, or that it has a visual of the congestion or a traffic incident

Ability to move them.

You cannot tell traffic speed from a still picture, that info would be helpful but requires video capabilities.

The default camera position doesn't always show a great view of the roadway segment. If a longer segment of roadway is shown it generally seems to provide a better idea of congestion.

Have the screen be able to tell you which way the camera is pointed, ie: N, NW, S, SE, etc...

more cameras in remote areas

Zoom and move them

some of them are rotating

You would need to explore placing mobile tools in front of UDOT employees to determine viable use cases. I am not sure what all those opportunities may be, but it seems like a tool that provides different access than the mobile app would lend itself to alternative applications.

Blind spot areas. Does not cover all roads

If I-15 or 2-15 is congested and determine which route would be better.

It would be nice if everyone could see a live feed of the cameras instead of just still photos. Not sure what the legal ramifications of this might be.

Have all cameras up and live.

Live feeds could be available to the public

Be more reliable. A lot are out of service.

Streaming video rather than still photos

More cameras in different locations

Helps in locating congested areas and accidents. Helps to see how many lanes are blocked and how signal timing can be adjusted to help with the congestion until the accident is cleared.

Work to keep trees out of the view of the image area.

They work fairly well especially in the urban areas where camera density is fairly heavy.

Having active / working cameras as much as possible. This is a real issue currently.

Longer focal range. More cameras

Update still image for the public more frequently.

Live feed.

More locations cameras on Inter-states.

More cameras to see how far the traffic is backed up.

Not sure how the storage data works but a updated picture on the app would help. 5 min instead of 10

More cameras / angles

Several views from same camera

Add more locations

Upgraded cameras with better images have been great. Image zoom and focus, clarity diminishes when zooming in certain lights

More live feeds

Percent or probability of congestion and probable travel delay forecasts e.g., is the delay just starting, about to end, should I wait an hour before starting my travel or will it be resolved by the time I get to the area.

When the cameras are working they are very helpful. When they go out it seems that some take a long time to get fixed.

No delay in the delivery of the image. A lot can happen in 3 or 4 min. That is how long it takes to refresh the camera still image.

The website works but could use a remodel.

It could be easier to increase the size of the images on a mobile device without completely losing resolution. It would also be helpful to have a correlation to congestion beyond the image or video i.e. delay, level of congestion, or event duration on the blow-up video/still images.

Less down time some cameras are down for months if not more at a time.

Maybe more of them in rural and signal locations.

Already helpful. Not sure how to improve.

be more like Idaho's camera system

- More widespread deployment of multi-view cameras
- Improved resolution
- deploy more cameras

HD cameras

cameras in more of the rural areas

If they worked

Not sure

If the live cameras were available instead of just a still image

Hard to determine traffic conditions based on still images - live feed would help.

For personal use the still images can sometimes be misleading. They can capture a gap in congestion and make it look like it's not too bad.

They could work more often and not go out so damned much.

more clear imagery, cases or covers to protect from snow, ice, more cameras in more locations

quicker pictures taken. Some are 20 minutes or so between images

Higher resolution images and the ability to see a live stream. At times I look but the image is hours old.

Ensure continued reliability (minimize technical downtime), Adjust camera angles more regularly

If I could move them around to get different views, but then I guess others would be moving them as well so it would be a competition to see who controls it first. LOL.

being up to date giving live views or by having more camera to choose to view when trying to travel

I only have access to the still images so it makes it hard to tell what the actual conditions are. Better access would be helpful.

n/a

Live feed to UDOT Traffic website and app.

Have camera change direction of view every few minutes

Many times the cameras are blocked where there is an incident

Be easier to access on mobile or other smart devices. Those are quicker and more accessible than logging into computer.

If there were more of them, especially on surface streets

personal use without remoting in

Having live footage of what is going on would make my job easier to see how situations are affecting the flow of traffic.

Don't use very much for trafficc

more cameras especially in rural areas

Make sure they are operational. Sometimes they are down for weeks if not longer.

Zoom and adjusting angle. Sometimes the camera points to a un-relevant location.

Having a live feed instead of stills. Also there are times when the cameras aren't pointed at the areas of interest. I understand this is probably done intentionally but it is still annoying.

I just need to remember to use them

Camera lenses get covered with ice and snow, lights shine on them making for poor visibility, wind knocks them off of alignment. Finding an effective solution to these problems would make cameras more useful during heavy traffic and incidents.

sometimes cameras are pointed in locations that are not helpful in determining conditions

When the cameras pointing in proper directions sometimes this makes it difficult to see what the traffic conditions are. I'm not sure a way to make this better if the public only has access to the still images.

If there were more cameras/angles.

If they could live stream instead of still photos.

Many times the cameras I check are out of service.

Live video on my phone or computer

Being able to change the angles of the cameras or have a continuously moving picture versus still images.

UDOT Traffic website full motion video.

N/A

Be easier to access

Less distance between cameras

See it in real time

Night Vision

live feed

More of them

Being able to zoom in to see where the congestion is, such as which lane to avoid due an crash.

Not have so many that aren't working

Keep them up and running

I can't make a suggestion at this time. I believe that the cameras perform well for traffic movement/congestion.

I would like to see live feeds.

work all the time

Easier to select locations?

Added locations

Again they need to be on

Some cameras need more views from other directions. Live views of busier areas would be useful.

different routing options

Wider view - when traffic gets backed up it is hard to tell how far back it goes

More of them.

Live stream and real time

live feed

Access to live feed instead of/in addition to still images

Adjust to look in both directions

more angles

n/a

Having them working, cleaned, focused and pointed at the roadway.

Live video in the mobile app. It can be hard to judge congestion from just a still picture

Live feed would be nice.

Live video feed

The cameras can verify the real time info coming from Waze or Google traffic

More of them.

Still images are not always very informative. A live video feed would be better.

Video feed on the website. This only needs to be a short 2 or 3 second loop so we can see the speed of the moving traffic. The still images are not very good at representing this information.

if the still frame updated more often

Live feed instead of snapshots

Better coverage and different angles

More frequent updates of still images

Traffic Cameras, Checking Weather Conditions

143 Responses

live feed

If they were on

Easy to use apps for phones

Sometimes the camera lens has snow or rain on it which makes it difficult to see the road conditions

Not be solar.

The ability to zoom in or see live images in motion would be very helpful. Sometimes when the lighting is poor you need to zoom in on your device. The only way to do that is to do a screen shot and then zoom.

Some of the cameras only provide a pavement view which in some weather conditions doesn't provide a complete picture of what the weather conditions are

more cameras in remote areas

Streaming cameras outside of office.

rotating if weather impacts the lens

How about integrating RWIS data..?

keep them working in bad whether

I like the left/right/down

Be more current with heavy snow storms to be able to check the conditions before traveling. This will help determine to leave or wait for better conditions.

a lot of the camera locations don't work in our area

Many times cameras get covered up during snow events. Not sure what it takes to keep them clear, but that would be helpful.

Better night and dim light viewing.

Have all cameras up and live.

be in better spots

we need lights on them

better resolution.

ALLOW US TO VIEW IT ON PERSONAL DEVICES AND SEE ALL THREE VIEWS OF STILL SHOTS

Better resolution, better night capabilities

More timely maintenance and replacement of disabled cameras. (maybe also just take them off the list/app/map if they are a know issue and don't work)

More cameras in different locations

Helps to see road conditions and how to adjust vehicle detection and signal timing to compensate for slower traffic due to poor weather conditions.

At times the image goes bad because of snow. Ability to turn off the IR or run the wiper.

Just need to be more reliable and have access to live view vs. a 15 minute old snapshot.

Having active / working cameras as much as possible. This is a real issue currently.

Maybe show the temp in the same time.

Live feed.

Again, more cameras.

Sooner updated still shots 5 min instead of 10

More cameras / angles

Several views from same camera

Add more locations and forecast

Be operational during bad weather days. Better shielding or lens warming for high altitude cameras.

Keeping lenses clear of snow, ice, rain. Needing a camera(s) and having it covered in one of those rendering it useless. Road temp displayed on camera image.

Just as stated before monitoring the incoming storms

They are already pretty good.

So the new Axis cameras have AI that can be used for snow detection. I think we should use that ability. Having our own video server would make that very easy to implement.

The website works but could use a remodel. Can you add RWIS locations to the map?

If they had a night light

Possibly a correlation of weather to the visual i.e. weather event duration or suggestions such as "avoid the area from noon to 2:15 pm" on the blow-up video/still images.

Less down time some cameras are down for months if not more at a time.

zoom in to the road

Frequently down. Need to be maintained more often.

If they worked all the time (Or Most)

Already helpful. Not sure how to improve.

heated lenses so they don't cover with Ice or snow

work at night, show temps (air and road surface, like idaho)

Have them turn automatically

- deploy more cameras

If they had the ability to wipe the snow and rain off of the cover so you could see.
make sure the cameras are working.

HD camera's and weather conditions display i.e. wind chill, dew point, wind speed, humidity, barometric pressure and temperature

If they worked

Not sure

If the live cameras were available instead of just a still image

List of IP addresses for the live view CCTVs

They could work more often and not go out so damned much.

more clear imagery, cases or covers to protect from snow, ice, more cameras in more locations

More cameras at snowy locations.

Make sure cameras are feeding to the app

quicker pictures taken. Some are 20 minutes or so between images

better night view and not being down so much

Region 4 cameras often aren't working in the areas with the worst road conditions.

Ensure continued reliability (minimize technical downtime)

Sometimes the cameras are out of service so that defeats the purpose of using it to see current road conditions so maybe making sure they are all working.

Give Wind and Temperature information off to the side of the camera view at that camera.

More cameras would mean more ways to see road conditions

I only have access to the still images so it makes it hard to tell what the actual conditions are. Better access would be helpful.

n/a

Live feed to UDOT Traffic website and app.

Include weather conditions - wind, temperature, etc.

They need to work all of the time. It seems like they are not working just when they would be most useful

Have camera change direction of view every few minutes

Other weather stats (temp, wind, visibility, precipitation, etc.) for that camera location available next to the camera image.

The cameras are often covered with snow during a snow storm making it difficulty to see the weather or are out of service

If there were more of them, especially on surface streets. If cameras could see better in low light conditions.

Some cameras aren't working

personal use without remoting in

Being able to see how bad a snow storm is on the traffic cameras would help incident management and the sheds get a life look at what is happening on the road.

Finding a way to keep the snow off the lens of the camera, being able to turn the camera from a mobile device/ phone

Larger image size, ability to pan/tilt/zoom

more cameras especially in rural areas

Make sure they are pointed at the road correctly.

Some times in the morning hours, it is hard to see how bad the snow is or what the conditions are. It might be nice if street lights were near the camera locations. Many in city cameras are better because they are at intersections that have lots of light.

Especially at night, it can be hard to distinguish what is happening

I just need to remember to use them

Camera lenses get covered with ice and snow, lights shine on them making for poor visibility, wind knocks them off of alignment. Finding an effective solution to these problems would make cameras more useful during weather conditions.

During heavy snow the cameras occasionally have snow build up and you cant see anything. I assume they are heated but if not that would be great.

If they showed temperatures on them

Better images

If there were more cameras/angles.

Not sure

More cameras. A rating system at each camera location (red is bad, green is good, yellow is variable)

Being able to change the angles of the cameras or have a continuously moving picture versus still images.

The map on mobile is a little hard to navigate. Multiple methods for locating an area would be helpful and improved device responsive capabilities.

More night vision cameras or lights on the camera poles.

N/A

Have the cameras working during winter events.

Less distance between cameras

See it in real time

Night Vision

live feed

Install more of them in rural areas

better resolution

showing the snow covered roads

Keep them up and running

Given the limitations of optical cameras, the only thing I could recommend would be infrared/thermal imaging cameras. However, those are cost prohibitive. That being said, there are a few areas on Interstate 80 that could use a few thermal cameras.

With some of the older cameras it is hard to see the surface after dark

I would like to see live feeds.

work all the time

Added locations

They need to be on

Better images at night.

More working cameras

forecast buble when hovering over the cameras on UDOT

Need increased reliability in areas where solar powered cameras are used. Also the camera lenses can become covered in snow/ice, better protection against that would be helpful.

If they worked that would be a great start. When there is any weather at all the cameras do not work. What is the point in spending the tax dollars if the cameras are not going to work.

they could work when you need them. when it storms half of the cameras don't work. All the freeway cameras need lighting so you can see the road

It's helpful if they are actually working

More of them.

Try to always keep them operational, especially in inclement weather. This is difficult with icing, etc...

More in Southern Utah

more of them in rural areas

live feed

Having all that in place work

Make sure they are all working

Heated lens for snow storms

better cameras

add weather data when possible

Having them working, cleaned, focused and pointed at the roadway.

If they were all working. Sometimes the camera I'd like to see isn't working.

Not sure.

IR illuminators on rural older solar cameras. Specifically Wolf Creek Pass MP 19.33, Currant Creek MP 59, Daniel's Canyon MP 27.53, and Hwy 40 MP 49.14. Upgraded solar and/or battery capacity for Wolf Creek and any other rural cameras that have limited sunlight due to trees/canyons/etc. Those that have limited sunlight availability. In the winter months many of the mountain cameras are subject to extreme cold temperatures and limited sunlight and I believe they may not be adequately shielded from the elements.

Live video feed

Being placed in the right location, and not where someone thinks the camera should be placed .

More of them

I think they work okay to see snow on the road if there is sufficient light. When the camera is in a low light area you can't see the road or if it is snowing.

Live feed instead of snapshots

Better coverage and different angles

Better quality images

Traffic Cameras, Trip Planning

83 Responses

Maybe some sort of identifier, red, yellow, green. to determine traffic conditions. realtime. Something that would work with the detection devices on the highway.

If they were on

Easy to use apps for phones

Use a congestion indicator so users know to check the camera

Ability to move.

You cannot tell traffic speed from a still picture, that info would be helpful but requires video capabilities.

Include a view that provides a longer segment of the roadway

Cameras are good for "right now" info, but they are not necessarily good for trip planning. For example, on holiday weekends it is more important to understand peak travel times than to look through cameras.

Have all cameras up and live.

need more of them. Especially in rural Utah.

More cameras in different locations

the ability to create a image list or tour on a trip route.

Again it is just density. Depends on if there is a camera in the right spot to view what you need.

If they can always work.

More cameras.

Not sure

More cameras / angles

Several views from same camera

Add more locations on I-15 N and S Bound.

More cameras on roads to recreational areas

**See first question.

I would be very cool if the images could integrate with apple maps or google maps. Not sure how that would be accomplished.

The website works but could use a remodel.

Maybe more of them in rural and signal locations.

Not sure how to improve.

Better quality in the feeds and images would be helpful.

They are very usefull in avoiding road closures or accidents that cause delays.

HD cameras

cameras in more of the rural areas

Most of the ones in the big cities work. Need to get the ones not along I 15 working.

If the live cameras were available instead of just a still image

For personal use the still images can sometimes be misleading. They can capture a gap in congestion and make it look like it's not too bad.

They could work more often and not go out so damned much.

more clear imagery, cases or covers to protect from snow, ice, more cameras in more locations

Higher resolution images and the ability to see a live stream. At times I look but the image is hours old.

Ensure continued reliability (minimize technical downtime)

I'm not sure.

If they were capable of something like a traffic counter that could say if it was busier than usual at that cameras position

More cameras would mean more ways to know which roads to take for trips

Live feed to UDOT Traffic website and app.

Ability to choose view would be helpful.

If there were more of them, especially on surface streets

personal use without remoting in

We need more cameras in remote locations. Many of the roads out side of the Wasatch Front don't have enough cameras to determine road conditions.

Having a live feed instead of stills. Also there are times when the cameras aren't pointed at the areas of interest. I understand this is probably done intentionally but it is still annoying.

Still images don't have a fast refresh rate. Increase refresh rate or give the option to view live traffic.

camera positioning and live traffic feeds

If there were more cameras/angles.

google maps is just easier and probably more accurate and user friendly. I don't see them being useful for trip planning as conditions change to quickly to be using the traffic app instead of googles instant algorithms.

Live video on my phone or computer

Same as above answers

N/A

Have accurate delays projected. Show anticipated construction completed dates.

Less distance between cameraS

See it in real time

not sure

Install more of them in rural areas

Being able to see which route has more congestion than another to identify alternative routes.

Show travel times between major destinations

Keep them up and running

No suggestions at this time.

I would like to see live feeds.

work all the time

Added locations, especially on recreation corridors

They work fine for this.

check routes

I am not sure how to access cameras that are off the interstate system. If I could, that would help me out more.

If they are working they are great.

NA

Live stream and real time

live feed

Access to live feed instead of/in addition to still images

Adjust to look in both directions

better cameras

n/a

Checking weather conditions

Same as above, they work fine when they are working.

Live feed would be nice

Right now , checking the traffic app , for trip planning works pretty good . Congestion is a living & breathing thing ; there might be some congestion due to a lane closure for a accident , but once the event is cleared out , the congestion can go away in about 30 minutes .

More

Live video clip would help, a 2 or 3 second loop would help see the speed of the traffic.

if the public view wasnt just a still frame so we could estimate speed

Live feed instead of snapshots

Traffic Cameras, Checking Construction Status

59 Responses

Cameras in the area could be focused on the construction area.

If they were on

Use a construction symbol indicator for that camera so users know to check it

video capabilities to see how well traffic is flowing.

Contactors should be reqiured to erect a portable camera at or near the lane closure tapers, or on the arrow board to have a visual on the lanes being impacted and the degree of congestion, and speed through the WZ.

more temporary live cameras throughout site

rotating

Lanes and congestion

Sometimes they are not aimed where I need to see while checking construction status. I'd like to be able to adjust cameras to see around a construction site, but not sure if this might be a possiblility in my position at UDOT.

More cameras.

Helps to see how many lanes are blocked and how signal timing can be adjusted to help with the congestion until the construction is completed.

?

More cameras.

More cameras.

More cameras / angles

Several views from same camera

More information about the project might be helpful.

Multiple images of entire work zone.

keeping them active or deploying temporary cameras during construction. Losing a camera in a construction zone leaves the TOC blind in area that is higher risk for driver confusion / trucks entering highway / zero shoulders type situations

Show "accurate" durations on a dashboard type interface. ??

It would be nice if along with the construction status delay times notice was posted to. Some construction projects do not impact traffic much but other do a lot.

Maybe more of them in rural and signal locations.

You can see how the project is impacting traffic.

Record and HD cameras

cameras in more of the rural areas

They need to be in the correct place to help along construction sites. Off of ! 15 cameras are only every 10 miles or so.

They could work more often and not go out so damned much.

more clear imagery, cases or covers to protect from snow, ice, more cameras in more locations

Having more in use.

quicker pictures taken. Some are 20 minutes or so between images

IDK

Clearer view when zooming in to see something on a job site.

More cameras would mean more up to date info on construction projects and traffic wait times, etc

Live feed to UDOT Traffic website and app.

Have camera change direction of view every few minutes

The traffic cameras near a construction project are often offline and unavailable.

If there were more of them, especially on surface streets. If cameras could see better in low light conditions.

personal use without remoting in

Don't use very much

Have a temporary set up if not one is in the area of construction that would show the work zone.

If there were more cameras/angles.

Being able to change the angles of the cameras or have a continuously moving picture versus still images.

Same as above answers

N/A

Show anticipated construction dates.

Increased update for still photos

not sure

NA

Show when lane closures are in effect

I would like to see live feeds.

finding a different route

In the southern part of the State it seems like they don't keep up with the projects or update the APP.

Live stream and real time

live feed

Adjust to look in both directions, zooming

n/a

The cameras in a construction project would help with managing congestion . If the freeway is being widened or a interchange in being reconstructed , there is a good chance that some cameras could see a outage due to the construction project . It has happened before and the cameras are operating again whenever

More

Live feed instead of snapshots

RWIS, Winter Weather Planning

56 Responses

Education on how to use it and where to find it.

Easy to use apps for phones

It would be helpful to have the RWIS show on the UDOT Traffic Map

We need to get are fixed out at Wendover location

It's doing fine for what our Station needs.

More cameras

by having an operational camera

better graphs showing better data.

HAVE STATIONS THAT ACTUALLY WORK

More locations

More cameras

Review the data and make it more useful for the none weather type people.

More accessible. Hard to find the data unless you use it very regularly.

No Suggestion

It's already sufficient

By the hour

More sites

I liked the pucks we use to have in the pavement that could tell us the salt content, freeze point of the road.

send weather alerts are specific morning commute times.

it would be more helpful to plan over night work

to plan on what and when to apply brine, salt, etc.

Not sure

We need more of them on valley routes

We use this data to check road condition for Ice control

more data displayed

Better cameras more of them

not sure

Need to know the amount or depth of expected snow, not just precipitation.

I'm not really sure. I currently feel RWIS is doing a very good job.

More accurate predictions.

Need more stations in more locations

help be more efficient at me job ,better response time

More cameras would mean better knowledge of weather on the roads

I do not have a RWIS actually in my area. I use the surrounding RWIS to try and predict future conditions.

Integrate with Google Maps driving directions for information about mountain passes along I-15 between SLC and St. George.

NA

It would be great if the data could be aggregated and shown on a map online much like the forecast maps. So for example, these red areas are currently icy while these yellow areas are just wet.

When vehicles are able to communicate with the infrastructure in the future it will be great if RWIS stations can broadcast their information in real time and display warnings for drivers in the vehicle information display. It would also seem beneficial if RWIS stations could receive sensor data from vehicles in real time in order to build a mesh network instead of only relying on the data points at RWIS stations.

A few more reports would be good.

Have information updated more frequently.

Better Camera Maintenance

not sure

More could be installed at the edges of maintenance shed boundaries. That way maintenance can monitor the roadways without having to send someone out to the edges. In Rural areas that could be 30 -40 minutes to drive.

Fix the one on the summit of I-70 salina canyon so it gives you accurate information it will tell you the road is dry when it is snow packed

Show humidity

More user friendly

N/A

Turn the camera in both directions

live feed

Keep the camera's up in the rural areas.

Include a warning when the road surface is likely to be icy

Nothing else to add

Wind speed would be nice. They need some lighting, We cannot see anything at night, I have to go off of road temp and surface conditions. Some of the sites in this area do not work, (Surface Temp, Surface conditions)

It would be nice to know the locations where brine has been put on the icy roads

The weather forecasts are extremely busy. It would be nice to have an at a glance snap shot of that day and the 10 day forecast.

The data that I see now is excellent

RWIS, Public Weather Alerts

11 Responses

Need better sensor density

Maybe option to get alerts on your phone.

I think NWS handles most of this well for the public. Excessive snowfall alerts beyond plowing norms. Extreme icy spots.

Don"t Know

more data displayed

I don't know

N/A

NA

?

More stations.

That depends on who utilizes the data correctly .

RWIS, Route Detour Planning

18 Responses

more locations added

Forecast storm trends and movements so the best routes are recommended for detours

use portable cameras in areas of construction.

Ability to create a tour for trips

Similar to the cameras, it would be super helpful to see forecasted (timelapse) weather on the map. I try to time my commute or other trip to correlate to the predicted weather rather than the existing conditions and I currently have to look at sites like weather.gov alongside the current condition to extrapolate future conditions on the roads. Again, it would be helpful to have recommendations based on route choice; I understand that is an infinitely more complex system and Google has already laid some groundwork, but I think the concept is much more useful. For example, if I was traveling from Layton to Taylorsville, I could get an estimate based on current and projected weather. Just a suggestion.

Not sure

Update cameras more than once every 5-minutes.

more data displayed

I'm not really sure. I currently feel RWIS is doing a very good job.

Need more stations in more locations

More cameras would mean better routes to know to take

Not sure. The information provided is useful. The only thing that could be useful is the detour time and conditions on the detour.

When vehicles are able to communicate with the infrastructure in the future it will be great if RWIS stations can broadcast their information in real time and display warnings for drivers in the vehicle information display. It would also seem beneficial if RWIS stations could receive sensor data from vehicles in real time in order to build a mesh network instead of only relying on the data points at RWIS stations.

Have information updated more frequently.

Better Camera Maintenance

N/A

mapping options

Nothing else to add

RWIS, Weather Tracking

50 Responses

Education on how to use it and where to find it.

Ease of use could be better.

more locations added

To see current road conditions

it can't cause nobody uses it

more sensors to create denser data sampling.

HAVE STATIONS THAT ACTUALLY WORK AND RECORD DATA

More Locations

More cameras.

Review the data and make it more useful for the none weather type people.

No Suggestion

It's already sufficient

More sites

Not Sure

Use this primarily for micro patterns. It might be helpful to see barometric and temperature drops of stations in relation to each other charted over time to anticipate and track timing of events or compare with crashes.

I think our weather group does a great job. Perhaps the RWISs could be more integrated into the UDOT website. Perhaps there should be more locations.

to fill the gaps between RWIS stations with perhaps a mobile sensor on cars, big data, etc.

Not sure

- Improve access to historical data
- richer data (some locations have lots of data, some do not)

You can see when the temps that come with a storm start dropping

more data displayed

the system is working well as employed- no suggestions for improvement

I'm not really sure. I currently feel RWIS is doing a very good job.

More accurate predictions.

Need more stations in more locations

same

More sites where storms tend to differ in conditions. It may be raining in the valley but snowing in the canyon so having multiple sites would give better data when traveling through an area

More cameras would mean better knowledge of weather on the roads

n/a

Have RWIS in my area - currently none

I can't think of any way to improve it. The TOC personnel interprets the data and provides us with a fairly accurate forecast twice a day.

It would be great if the data could be aggregated and shown on a map online much like the forecast maps. So for example, these red areas are currently icy while these yellow areas are just wet.

When vehicles are able to communicate with the infrastructure in the future it will be great if RWIS stations can broadcast their information in real time and display warnings for drivers in the vehicle information display. It would also seem beneficial if RWIS stations could receive sensor data from vehicles in real time in order to build a mesh network instead of only relying on the data points at RWIS stations.

?

Better Camera Maintenance

N/A

not sure

More sites

I can't think of any improvements at this time.

Have them all working correctly and giving accurate information

Cameras that keep working

Real time data in the personal devices (with an app)

More stations.

live feed

Keep the camera's up in the rural areas.

It seems to be doing fine

More frequent forecasting to road specific location

The RWIS data shows live information that shows what the is doing at a particular location .... The RWIS is just part of the weather tracking puzzle.

If you use these for weather tracking, the 24 hour forecast should be included for traveler info. and planning

VMS, Incident Management Progress

35 Responses

Stop using them to post stupid sayings and rhymes. Use them for important purposes only.

Get them on Bangerter Highway!

better quality/maintenance of the boards

You could put one before highway 6 to worn people the canyon is closed before they are at the mouth of it and see it's closed

Change message often and keep them running.

Make sure the message is accurate and dependable. There have been multiple times when the message says one land blocked, but the whole road is blocked and shut down. The messages dont match the UDOT app. Have more VMS so that drivers are warned further before the accident.

Planned VMS placements to eliminate holes in VMS coverage.

Keep the signs more current with what is going on with traffic due to an incident.

maybe use more of them

Look at better ways to send messages to the road users

Just Density. They are great tools if they are located in the right location and messages are relevant to needs.

Addition of more signs in Region Four.

More info. Dont just say crash ahead. Tell us how may lanes are blocked. Tell us a timeframe to clearing the accident.

Accurate Time delay estimates

Timeliness of posting. Estimated travel and clearance times. Specificity of cause of delay at times appears to calm driver behavior.

More locations with signs based on crash data.

Ensure the message represents real time information.

deploy them to more of the rural areas

They need have more of them in the rural part of the state

Not sure

Don't be repetitive.

This tool could be very useful, however in my area all I have is a portable one and sometimes it is limited on what can be done with it. And it does take some time to set it up.

UDOT should NOT use VMS for any other purpose than informing travelers of incidents, hazards or weather/road conditions that are or will impact travel.

Give updates on the progress of the incident. Time to open all lanes of traffic. Delay remaining, etc.

I think it is near perfect. I do not have any suggestions.

Additional VMS locations, updated information

Update the VMS Board as the incident progresses

Lees politics about travel times VS insadents.

they do a good job on this

reroute traffic

Provide more detail on where incidents exist, ie, inside lanes, outside lanes, mp. Congestion ahead messages without detail are not useful at all.

Placing the at strategic locations for route diversion

Having more VMS on the south end of the state on I-15 ; being able to have a update message for the traveling public ;

More consistency between shifts

Advise traffic how many lanes are blocked and which way to merge.

VMS, Travel Time Prediction

24 Responses

more signs

Good

to be updated in real ime for delays

Look at better ways to send messages to the road users

Get more algorithms to assist in rural travel. There are busy weekends in rural Utah where there can be significant challenges on rural highways. Doesn't seem like we see great messages for delay in rural utah.

Works well in my experience.

Correct information

ability to add active travel time to any sign

n/a

Change message as situation changes. If there is a traffic incident, update the message as the situation improves.

NA

Provide alternate routes, or just display the delay rather than travel time. Example: Ft Union: +5 mins

increase accuracy

Ensure all the signs are working properly and the entirety of the message can be read/seen.

Different colors of time green, yellow, red

Display when peak travel times are at during off peak times, and recommend that drivers avoid driving during those times to avoid getting stuck in traffic. Let drivers know when major events are upcoming or right before to help them decide when to travel and when to not. If people knew when U of U or BYU games were at, they could decide to avoid travel right before or right after the event.

Be flexable to help rural areas

Nothing.

N/A

Use them more often. They are blank a great deal of the time when they could be displaying travel times to the airport or other important locations.

realistic up to date information

make sure they are maintained and message relevant

Nothing

Staying current when accidents are happening and clearing is underway.

VMS, Research Related Purposes

3 Responses

When crash information is posted maybe THOSE messages could be flashing.

Look at better ways to send messages to the road users

communication in timely manner to traveling public

Additional Locations

Traffic Cameras

136 Responses

Recomendations	Why	Other
Sr 87 mile post 19-20 Sr 40 mile post 89-90	This placement would help me to do my job better	N/A
Every intersection	This placement would help me to do my job better	N/A
Near ITS signs or combination with the same data being shared on ITS signs.	Personal use	N/A
Typical alternate routes for major state highways or interstates	Personal use	N/A
"Fountain Green" "I-15 MP 242."	This placement would help me to do my job better	N/A
Pine Canyon in Wasatch County and the Top of the Alpine Loop for weather monitoring.	Personal use	N/A
Better coverage on US-6 through Spanish Fork Canyon to Price - More cameras on rural SR or US routes	This placement would help me to do my job better	N/A
I have eight locations up US-6 Spanish Fork canyon and two more on US-89 that I would like installed. It's in these locations that is our snow trouble spots with no access for road conditions and would help improve where we need to respond	This placement would help me to do my job better	N/A
Gaps on Bangerter Highway.	This placement would help me to do my job better, Other	Better coverage for incidents, debris, and lane closures/impacts, weather.

More in remote areas that can be covered	This placement would help me to do my job better, Personal use	N/A
intersection locations could allow measurement of safety details and tracking vehicle and pedestrain volumes	This placement would help me to do my job better, Current systems are inadequate	N/A
Some of are cameras are getting better but I we might move some of them to a different location	This placement would help me to do my job better	N/A
more on roule roads	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
What if you could program a sequence of cameras to look through as a commuter..? That would be cool!	Personal use	N/A
Adding more more places	Current systems are inadequate	N/A
I think there should be a traffic camera on US-89 at beaver mountain due to how bad the road and weather conditions can be in that area.	Other	It is a high traffic canyon that needs to have more monitoring
I-15 at milepost 388and SR 30 milepost 98	This placement would help me to do my job better	N/A

indian canyon and huntington canyon	Current systems are inadequate	N/A
At all commercial and general aviation airports	This placement would help me to do my job better, Personal use	N/A
on top of rattle snake bench about 135 to 136 MP	This placement would help me to do my job better	N/A
in this area we have camara in all the good places....thank you	Other	the lights is a must and are is not working
SR89 MP 249	This placement would help me to do my job better	N/A
We should build out the network to have them everywhere. Every camera should be within sight of the next camera down the road.	Current systems are inadequate	N/A
SR 63 mp 0 - SR 12 mp10 - SR 12 mp 43 - SR 12 mp 100.1	This placement would help me to do my job better, Other	Help view problem areas where drifting occurs and more road condition viewing.
MP 87 I-70	This placement would help me to do my job better	N/A
Logan Canyon-Ogden Canyon	This placement would help me to do my job better, Current systems are inadequate	N/A

More cameras on SR-92, SR-74, SR-89, and SR-129.	This placement would help me to do my job better	N/A
Try to avoid placing cameras next to trees with lots of foilage. Possibly place freeway cameras a bit closer together so you can have more than just one perspective of the situation your looking at.	This placement would help me to do my job better	N/A
more cameras on SR 6, (price to green river) , SR 191 (green river to moab) and more cameras long I70 (MP 131 to MP 232)	This placement would help me to do my job better, Current systems are inadequate	N/A
none	Other	N/A
There are multiple locations in rural utah and on rural routes where cameras would be extremely useful. Density on rural routes gets spotty and it can be hard to check conditions especially for maintenance workers trying to assess road conditions for rural routes. In general target rural routes for more cameras and more reliable cameras.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
I would like to see better coverage in the areas we have already submitted through the Maintenance group. Many more throughout Region Four.	Current systems are inadequate	N/A
All state highway intersections and at least one in between.	This placement would help me to do my job better, Current systems are inadequate	N/A
Please improve reliability. There seems to be always a few that are not working.	This placement would help me to do my job better	N/A

This question should be asked of all maintenance sheds. There could be a lot of time saved if cameras were installed in key areas.	Other	Snow removal efficiency
More cameras in Southern Utah, I-15, SR. 20 SR. 89 SR. 143	This placement would help me to do my job better, Current systems are inadequate	N/A
More cameras on all Interstate roads.	Personal use	N/A
More rural areas!!! Salt Lake County and the canyons surrounding it are not the only areas of concern in the state. There are more cameras in a short length up Parleys than there is on I-15 in the entire North part of the State	This placement would help me to do my job better, Current systems are inadequate	N/A
More cameras in summit county.	This placement would help me to do my job better, Personal use	N/A
NO	Current systems are inadequate	N/A
Every interaction light in cache valley outside of Logan's Main Street would be very helpful	This placement would help me to do my job better	N/A
SR12 Tropic - SR24 Capitol Reef - SR276 Ferry ports - SR313 - SR-128 West of Castle Valley - US89 Mt. Carmel Junction - US163 Forrest Gump Hill - Potentially additional SR9 leading to Zion National Park	This placement would help me to do my job better, Other	Most of these areas contain seasonal tourist congestion, events, or safety concerns.

- New or better cameras on I-80 (Parley's) with night vision ability more locations - I-15 NB 900 S exit SLC - Guardsman Pass turn off in Big Cottonwood - More on US-6 - More on I-15 between Beaver and Washington Counties - More on I-70 - More on I-84 - More on US-191 between I-70 and Moab - More on I-15 between Brigham City and ID state line More on US-40 near recreation spots	This placement would help me to do my job better, Current systems are inadequate	N/A
Logan Canyon :)	Current systems are inadequate	N/A
More cameras in the Cottonwood canyons and Logan canyon,.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
National and State Parks and other popular recreation sites.	Current systems are inadequate, Personal use, Other	N/A
to be used for traffic counts and as Continuous Count Stations (CCS) to fill the gaps in coverage for better adjustment factor.	Current systems are inadequate	N/A
South of Cedar City on the Black Ridge, MP 30 to 62	Current systems are inadequate	N/A
More of them are needed in rural areas of the state.	This placement would help me to do my job better, Current systems are inadequate	N/A

SR-150, SR-248, SR-224 empire pass, SR-65, SR-32, and SR-35	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
East mouth of Ogden Canyon (I though there used to be one here?)	Personal use	N/A
SR-264 MP 11 US-6 MP 224	This placement would help me to do my job better	N/A
SR-30 between MP 89-75, 64,&18. Then I-84 MP 0-7	This placement would help me to do my job better, Current systems are inadequate	N/A
10	This placement would help me to do my job better	N/A
- Increased density along arterials and rural areas	This placement would help me to do my job better, Current systems are inadequate, Personal use, Other	There should be a section for additional comments about traffic cameras. My additional comment is to improve usability of udottraffic.utah.gov. It's clunky, kind of confusing to know how to toggle things on the map, and I can't even use my mouse's scroll wheel to change zoom level

As we continue to plan/design/operate for all users, cameras focusing on walking/biking (especially to and from transit) would be helpful.	This placement would help me to do my job better, Current systems are inadequate	N/A
Cameras on SR-111.	Personal use	N/A
US-6 at the windmills. MP 179	This placement would help me to do my job better, Personal use	N/A
a longer view	This placement would help me to do my job better, Current systems are inadequate	N/A
more on Highway 31 towards the top and by Millers Flat turn off. And get the ones up there to work better. a couple in Price Canyon. US 6; More on US 191 up Indian canyon;	This placement would help me to do my job better, Current systems are inadequate, Other	Check the roads for heavy snow and wind drifts.
US 89 Mile post 423to 424, US 89 426.5 (Tams Hill), US 89 431	This placement would help me to do my job better	N/A
If cameras could automatically detect wildlife, then we need some in locations where there are wildlife collisions.	Current systems are inadequate	N/A

In all mountain passes and at all valley areas. Weather patterns change quite dramatically and the benefit to cost is worth the investment in my opinion.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
No. Just that the ones we already have work more often and not go out so damned much.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
contact region maintenance sheds for suggestions on locations they need.	This placement would help me to do my job better, Other	this placement would help maintenance, and the public
Highway 50 between Scipio and Salina. Every Plowed Route above 7000 ft should have a station if they don't already.	Current systems are inadequate, Personal use	N/A
I-70 mp 69-70 I-15 north or south Holden interchange US-6/50 kings canyon SR-21 in Garrison	This placement would help me to do my job better	N/A
MP 1 I-84, around MP 80 SR 30 , But if we could get the cameras that we already have that would be great.	This placement would help me to do my job better	N/A
Highway 89 on the hill around MP 330-331 in-between valley vista way and 1400 N	This placement would help me to do my job better	N/A

Jct of SR-199 and SR-36, Jct. of SR-73 and SR-36 in Tooele County	This placement would help me to do my job better, Other	There are cameras at the Utah county line of SR-73 and at Dugway gate and at the top of Johnson's. But would help to see whats it doing on the Tooele valley side
state line SR.59 and / Mile post 14ish area SR.59	This placement would help me to do my job better, Current systems are inadequate	N/A
anywhere there is a long stretch between cameras, check zoom on cameras to see how clear the view is between two cameras to see if a better use would be an additional camera between them. American fork has some bad spacing issues and in provo on university ave.	Current systems are inadequate	N/A
More cameras in canyons and long roadways - specially where they is construction or lots of bad weather	Personal use	N/A
Multiple locations, Control Room staff are often ask for information on new traffic camera locations.	This placement would help me to do my job better	N/A
Sr 20 mile 5 would be nice and sr 143 above the s turns	This placement would help me to do my job better	N/A
SR 218	This placement would help me to do my job better	N/A
I do but since I work in the area of camera suggestions, I will not provide them now.	Other	For the traveling public and our maintenance workes.

- Existing cameras need to be more reliable. - US89 mp 171.5 - JCT SR62 & SR22	This placement would help me to do my job better, Current systems are inadequate	N/A
Temporary cameras on Project sites, especially in remote areas and on the interstate, to be able to monitor traffic better.	This placement would help me to do my job better	N/A
Ideally it would be nice to be able to see each approach to each signalized intersection.	This placement would help me to do my job better	N/A
-Eliminate blind spots in the the Salt Lake Valley -Have them every few miles on busier highways in the outside counties	This placement would help me to do my job better	N/A
The top of Suncrest where Highland Blvd and Traverse Ridge Rd intersect.	Other	No other cameras in that part of Draper and its higher elevation with different weather.
SR 158 @ milepost 4.35 SR 39 @ milepost 11.6	This placement would help me to do my job better, Personal use	N/A
SR30 in the West. Long stretch of road with no cameras. SR95 Hanksville; SR 24 Torrey; SR12 Escalante to Cannonville. SR50 West. Long stretch of road with no cameras.	Personal use, Other	Vacation and fun trip planning.
Problem locations such as wrong-way driving access points - intersections with frequent vulnerable user traffic	Other	Possible safety improvements or understanding of facility use
4500 S @ Atherton Dr, Central Salt Lake (no specific locations, but need multiple more CCTV for better coverage of that area), SR-198 @ Main St in Salem.	This placement would help me to do my job better	N/A
none at this time	Personal use	N/A

Cameras on I-84	This placement would help me to do my job better	N/A
SR-36, Tooele, between Stansbury and Lake Point, the new Mid-Valley Highway Corridor, and Tooele's Main street starting before Home Depot through Stansbury, Erda Way, SR-138, and SR-138 from the Mid-Valley Highway interchange to Stansbury.	Current systems are inadequate, Personal use, Other	Allows Tooele residence to identify or take better routes when going to SLC.
Yes, but to list them here would take too long. Mostly fill in some of the gaps in the present system.	Current systems are inadequate	N/A
top of Logan Canyon at brake check	This placement would help me to do my job better, Current systems are inadequate	N/A
Multiple locations on US 40 from Mile post 4 - Mile post 58.	This placement would help me to do my job better	N/A
only recommend as needed	This placement would help me to do my job better, Current systems are inadequate	N/A
On each side of ports to prevent truck traffic build up at the Peerless port of entry.	This placement would help me to do my job better	N/A
SR 113 & SR222 JCT - SR222 & Snake Creek Rd JCT	This placement would help me to do my job better, Other	No cameras in area

Yes at MM 84 on 80	This placement would help me to do my job better	N/A
Any areas not currently covered by camera (which are many). They should be a standard installation at any traffic signal (subject to reasonable spacing).	This placement would help me to do my job better, Current systems are inadequate	N/A
Dead spots along any highly utilized rural route.	Current systems are inadequate, Personal use	N/A
North Ogden Divide, Eden at 4-way stop on SR-158.	Personal use, Other	Commuters between Ogden Valley and Ogden
Try an "actual" site visit before planning. Dont armchair it with Google Earth. Some cameras are poorly placed. If you are on site, obstructions or changes to the environment can be observed vs googling it	This placement would help me to do my job better, Current systems are inadequate	N/A
Rural routes	Current systems are inadequate	N/A
not at this time. There are plenty of them; however many of them are down or not working	Personal use	N/A
More in Central Utah and West Central Utah	This placement would help me to do my job better, Current systems are inadequate	N/A
Redwood Road between 10600 South and 5600 South	Personal use	N/A

were the sheds need them to see were the build up of Ice and snow is, and incidents and how and what they may need to remove any debris in the road.	Other	UDOT use
Put more in the locations of major congestion	This placement would help me to do my job better, Personal use	N/A
sr-59 mp 0 (az/utah) state line---- sr-18 mp12.9	This placement would help me to do my job better, Other	weather
Tyler Page has some recommended areas	This placement would help me to do my job better	N/A
A live feed traffic camera at each end of Carbonville east of the Peerless Port of Entry, so that we can monitor trucks that are bypassing the scale.	This placement would help me to do my job better	N/A
more along I-70	This placement would help me to do my job better, Current systems are inadequate	N/A
More cameras along hwy 40 in the Uintah Basin.	Personal use	N/A
It would be nice to have more in remote locations	This placement would help me to do my job better	N/A
Have the UDOT traffic app grant access to off interstate cameras.	Personal use	N/A
SR96 near Scofield	Personal use	N/A

Would Love one at Exit 174 on the boundaries of the Meadow and Scipio Sheds and MP 151 that is in the middle of the shed and the end of our road	This placement would help me to do my job better, Current systems are inadequate	N/A
More up all of the canyons.	This placement would help me to do my job better	N/A
Not at this time.	Personal use	N/A
any where from Nephi south in the Rural area.	This placement would help me to do my job better, Current systems are inadequate	N/A
More on SR 30, MP 0-90, west of snowville utah, SR 42/ SR30 Jct.	This placement would help me to do my job better	N/A
All over Region 4	This placement would help me to do my job better, Personal use	N/A
just fix the cameras that are inoperable	Current systems are inadequate	N/A
Mostly in the rural parts of Utah. While there are some camera's out there some are frequently down.	This placement would help me to do my job better, Personal use	N/A

More cameras different areas	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
SR121-SR45-SR191-Hwy 40-	This placement would help me to do my job better	N/A
More area access coverage. Integrate real time photo captures with more live feeds in real time to traffic control and patterns, highway and secondary road speeds and incident investigations.	Personal use	N/A
2700 w 5600 s Roy	Personal use	N/A
West end of SR 127 and 110, West ends of SR 37, Intersection of SR 134 and SR 39	This placement would help me to do my job better, Current systems are inadequate	N/A
more cameras in urban/high traffic areas (e.g. multiple angles at each intersection).	This placement would help me to do my job better, Current systems are inadequate	N/A
Tabiona: Cole Giles, station supervisor, has submitted a list with specific mile posts or areas that he would like to see cameras installed that would help us out immensely. Especially down Hwy 35 along the river between MP 44 and 62 I believe. One at the SR35 gate on the Tabiona side would also be beneficial. Please feel free to contact cgiles@utah.gov for a copy of the locations. For Strawberry: We would like to see a camera by the Ladders vicinity MP 45, Soldier Creek Summit or Deep Creek MP 52-56.	This placement would help me to do my job better, Current systems are inadequate	N/A

Every traffic signal should have a camera.	This placement would help me to do my job better, Personal use	N/A
I-15 ; Mp 28-29 area (3 cameras) ; Mp 31 - 35 area (5 cameras) ; mp 17 - 22 area (3 cameras)	This placement would help me to do my job better, Current systems are inadequate	N/A
11400 S & 3600 W - 11400 S & 3200 W - 11400 S & 2700 W - 11800 S & Redwood Rd	This placement would help me to do my job better, Current systems are inadequate	N/A
Porter Rockwell and 14600 South	Personal use	N/A
-I-80 west of salt lake -more cameras on US-6 in utah/wasatch county -More cameras on I-70	This placement would help me to do my job better, Current systems are inadequate	N/A
Add more everywhere.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
RWIS	Other	no

Q161 - Do you have any recommendations for locations of future [QID137-QuestionText]? This question is optional. If you have multiple recommendations, please delineate with dashes "-" If you think of additional recommendations after completing the survey, please reach out to hilla25@byu.edu or Tyler Laing (tlaing@utah.gov).

52 Responses

Recommendations	Why	Other
Possible more camera's in rural areas on I-15 S/B. I travel a lot to NV areas & always check to see if it's snowing or raining along the route.	Other	Travel south a lot
most remote areas	Current systems are inadequate	N/A
no	Current systems are inadequate	N/A
South Eastern Utah - Highway 6 - Highway 191 - Interstate 70 - Highway 10	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
SR 63 mp 1.6 - SR 12 mp 42	This placement would help me to do my job better, Current systems are inadequate	N/A
I would like to see one on SR-129 maybe by the Temple and one on SR-74 at MP 1.	This placement would help me to do my job better	N/A
Already answered that before.	This placement would help me to do my job better, Current systems are inadequate, Other	To be able to see more of the areas of the road way.
none	Other	N/A
SR-6, SR-36, I-80 West Desert.	This placement would help me to do my job better, Current systems are inadequate	N/A

More canyon RWIS to monitor road surface temps.	This placement would help me to do my job better	N/A
More in Southern Utah.	This placement would help me to do my job better, Current systems are inadequate	N/A
Sr 142 mp 6-7, Sr 218 mp 0-1	This placement would help me to do my job better	N/A
Millard County I-15	This placement would help me to do my job better, Current systems are inadequate, Other	We could use a bit better coverage at certain elevations at the fringes of doppler.
Logan Canyon	Current systems are inadequate	N/A
Gap analysis will show locations in need of RWIS	Current systems are inadequate	N/A
Rural areas of the state.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
US-191 MP 260	This placement would help me to do my job better	N/A
same as the camera locations I suggested.	This placement would help me to do my job better, Current systems are inadequate	N/A
5	This placement would help me to do my job better	N/A
I 215 @ Redwood Road (South Belt)	This placement would help me to do my job better	N/A
burn scars, high angle locations with a potential for debris flows, historical flood zones and dust storm areas, downslope wind corridors	This placement would help me to do my job better	N/A

Solider summit US 6 SR 31 by Millers flat turn out	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
I-15 mile post 353	This placement would help me to do my job better	N/A
I believe we have RWIS at every mountain pass, but if not, these would be great locations.	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
More remote locations.	Current systems are inadequate, Personal use	N/A
contact region maintenance sheds	This placement would help me to do my job better, Other	these locations will help maintenance
SR-153 Merchant Valley An RWIS site needs to be within every maintenance station boundary to monitor performance measures for snow and ice control	This placement would help me to do my job better	N/A
Put these up in more locations	This placement would help me to do my job better	N/A
TOC Weather Operations and Maintenance Stations would have better knowledge for recommendations.	This placement would help me to do my job better	N/A
Same as the previous answer on CCTVs.	Other	For maintenance and traveling public.
US 89 mp 171.5 - SR62 mp 26.9 - US89 mp 151 - US89 mp 184	This placement would help me to do my job better, Current systems are inadequate	N/A
Locations of known weather events are of course very useful. As weather patterns change due to global warming it would be imperative to outfit other new locations that may begin to display dangerous driving weather such as wind storms, tornadoes, dust storms, blizzards and the like.	Current systems are inadequate, Other	New locations will become imperative to adequately cover non-traditional weather events resulting from changing weather patterns
burn scars, mountain passes, etc	Personal use	N/A

I-84	This placement would help me to do my job better	N/A
no	This placement would help me to do my job better, Other	N/A
SR 113 and SR 222 JCT	This placement would help me to do my job better	N/A
no	This placement would help me to do my job better	N/A
no	Personal use	N/A
More sites in Central Utah	This placement would help me to do my job better	N/A
It has been a few years since I looked but there could be more RWIS sites installed on US40 out to Roosevelt and the Strawberry area.	This placement would help me to do my job better	N/A
Do not have any recommendations	Personal use	N/A
I do not have recomendations	Other	N/A
yes more along I-70	This placement would help me to do my job better, Current systems are inadequate	N/A
I 84 mp 24	This placement would help me to do my job better	N/A
All of the Utah state	Current systems are inadequate	N/A
SR96 near Scofield	Personal use	N/A
Up the canyons.	This placement would help me to do my job better	N/A
SR42, SR30 MP 0-55	This placement would help me to do my job better	N/A
Rural areas.	This placement would help me to do my job better, Personal use	N/A

They need some kind of light for night time viewing. Or night vision cameras.	This placement would help me to do my job better, Current systems are inadequate	N/A
On state routes in in smaller immunities and remote freeways	Current systems are inadequate, Personal use	N/A
Every route should have one.	This placement would help me to do my job better	N/A

VMS

60 Responses

Recomendations	Why	Other
Answered this question prior already.	Personal use	N/A
Bangerter Highway!	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
remote locations	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
Sb 262 Sb 259 or 258 Sb 250	Other	There are none and would be helpful if wrecks or closed roads
Logan Canyon, US-89 on both sides of the Canyon	Other	to help warn motorist of when the canyon is closed or there is the 4x4 and chain restrictions due to snow and ice
n/a	Other	n/a

They should be placed about every 10 miles along all major routes.	This placement would help me to do my job better, Current systems are inadequate, Personal use, Other	Better informed traveling public will be safer.
SB I-15 in Provo, prior to the US-6 exit is a MAJOR gap in VMS coverage	Current systems are inadequate	N/A
no	Other	none
Look at better ways to send messages to the road users	This placement would help me to do my job better	N/A
Addition of more signs in Region Four.	Current systems are inadequate	N/A
More near major interchanges so if there is a road closure we can alert drivers early enough.	This placement would help me to do my job better	N/A
I think more on all routes would be very helpful.	This placement would help me to do my job better, Current systems are inadequate	N/A
Mouth of Logan canyon.	This placement would help me to do my job better	N/A
SR9 WB at Mount Carmel Junction - More I15 Southern Utah to display delay times over rural distances.	Current systems are inadequate	N/A
utilize crash and congestion data to determine best locations.	This placement would help me to do my job better, Current systems are inadequate	N/A
Logan Canyon.	Current systems are inadequate	N/A
Any where there is a decision point that can help with traffic.	Current systems are inadequate	N/A
roads change functional class as the state grows and more VMTs. so these are the factors to be also taken into account	Current systems are inadequate, Other	better info
I-15/I-84 SB MP 378 and NB MP 364	Current systems are inadequate, Personal use	N/A

US-6 217 west bound US-6 215 East Bound	This placement would help me to do my job better	N/A
6	This placement would help me to do my job better	N/A
US-6 in Price Utah. This would help to notify the travels of road closures in time for them to pull off the Highway and allow the crew to open it back up.	This placement would help me to do my job better	N/A
Top of Price Canyon on US 6; SR 10 Huntington before going up Huntington Canyon US 191 By the Emma park road.	This placement would help me to do my job better, Current systems are inadequate	N/A
SB I-15 near Fillmore	This placement would help me to do my job better, Other	Warning of traffic and weather conditions in Baker Canyon
MP 9 I-84 east bound	This placement would help me to do my job better	N/A
Multiple, As the primary users Control Room Staff are often ask for new VMS location suggestions	This placement would help me to do my job better	N/A
Logan canyon	This placement would help me to do my job better	N/A
Same as other questions not answered previously.	Current systems are inadequate	N/A
I-80 through Tollgate canyon. There are lost of semi rollovers from trucks not slowing down in that area causing accidents, usually at least 5 or 6 per year.	This placement would help me to do my job better	N/A
When coming up on blind corners are hills it could be very useful for secondary incident mitigation.	This placement would help me to do my job better	N/A
US-89 SB in Farmington, just south of Cherry Hill interchange but north of I-15 / Legacy split. Getting on at Cherry Hill, there is no information about traffic conditions until I have already made the decision to get on I-15 or Legacy, and then it is too late.	Personal use	N/A

SR-36 at Utah Avenue, SR-36 at 1000 N, SR-36 and SR-138 intersection, SR-36 and Bates Canyon Rd intersection, SR-36 and Erda Way intersection, SR-112 and Utah Avenue intersection, SR-112 and Sheep Lane Intersection, SR-138 and Sheep Lane intersection, SR-138 and Lamb Lane intersection, SR-138 and Parachute Lane interchange, SR-179 and I-80 interchange, SR-36 and I-80 interchange in Lake Point	This placement would help me to do my job better, Current systems are inadequate, Personal use	N/A
no	Personal use	N/A
More locations on I-15 in Juab and Utah Counties	This placement would help me to do my job better	N/A
Payson area	Current systems are inadequate, Personal use	N/A
Rural	This placement would help me to do my job better	N/A
no	Personal use	N/A
Redwood Road between 10600 South and 5600 South	Personal use	N/A
Currently we mainly use them on interstates, they would be useful on other arterial roads.	This placement would help me to do my job better, Personal use	N/A
Somewhere near the junction of SR-9 and SR-17	Other	Zion national park info
I-15 Mp 15 Southbound and sr-9 mp 1 Nb	This placement would help me to do my job better	N/A
84 EB at the Idaho border- I15 SB at the Idaho border	Current systems are inadequate	N/A
Mountain View Corridor and Bangerter Highway. Neither road have VMS, and I could see the benefit for those roads.	Personal use	N/A
I-&) freemont jct	This placement would help me to do my job better, Current systems are inadequate	N/A
SB I-15 after 2600 S, so all the traffic can see the VMS prior to I-215 split.	Personal use	N/A
Near crash sites, places where water or snow/ice in the road.	This placement would help me to do my job better, Personal use	N/A
We should have more of the kind that span the width of the freeway.	Current systems are inadequate	N/A

More in Southern Utah on I-70 and I-15	Current systems are inadequate	N/A
SR 30 / SR42 jct	This placement would help me to do my job better	N/A
SR 191 Mile marker 356	This placement would help me to do my job better, Other	Warn Traffic of conditions going over the mountain on 191
VMS on butterfly sign structures are less expensive than full span sign structures and easier to construct. Shoulder/median VMS placement should be considered in the design phase.	This placement would help me to do my job better	N/A
remote freeway locations	Personal use	N/A
Access to cameras at the VMS.	This placement would help me to do my job better	N/A
Currant Creek Hwy 40 MP 58 for the Westbound Lanes	This placement would help me to do my job better, Current systems are inadequate	N/A
Wasatch blvd before big cottonwood canyon	This placement would help me to do my job better, Current systems are inadequate	N/A
N/B I-15 mp 7 ; N/B I-15 mp 20 ; N/B I-15 mp 28 ; N/B I-15 mp 39 S/B I-15 mp 42-40 ; S/B I-15 mp 16 S/B I-15 mp 8	This placement would help me to do my job better, Current systems are inadequate, Other	between weather related events and accidents taht happen in Washington County ; the traffic down there warrants having more VMS resources
Eastbound Bangerter highway before I-15 maybe before Redwood Road.	Personal use	N/A
-we need about ten between mile 0 and mile 100 on I-80 in both directions. -more in davis county -we currently have some in southern utah on i-15 but not necessarily in both directions at each location.	This placement would help me to do my job better, Current systems are inadequate	N/A
Add more to the whole system.	This placement would help me to do my job better, Current systems are inadequate	N/A

General Feedback

How could ... be easier to use?

Cameras

3 Responses

Having a software link on our personal computers.. Knowing where to find the links, and having them available. Not sure if they are available to all employees or not????

I do not have accessed Traffic cameras and I assume it is hard to access

Most of the time the camera doesn't show the angle of the road I am trying to see anyway.

RWIS

2 Responses

I don't know where it is housed/accessed. I don't think it would have all the data I am interested in, only some data at one specific point. Weather apps are more well rounded.

Not sure how to access data that is available

VMS

No data found - your filters may be too exclusive!

ITS/ Survey Feedback

36 Responses

Good

None at this time.

When you do these surveys again, please do NOT forget to mention the Motor Carrier Division of UDOT as an entry. My Division is just as important to transportation and road safety here in Utah as every other Division. Thank you.

I think the Traffic App is very useful and effective but I think it needs a modern redesign to make it more intuitive and sleek.

nonoe

Thank You

I think the messages are not updated during slow downs or crashes so people ignore them and trust google maps more. Maybe updating those messages more often will be helpful.

n/a

Stop using VMS for silly quips. It makes drivers ignore them when the message is important.

CCS should have been also included in this survey.

Remember those of us in the country, we may not have the populous the city does but the truck traffic comes through us before it gets to the HUB of the state. We need as much help with our routes as Salt Lake Metro, SL East or Big Cottonwood Canyon

So grateful that UDOT prioritizes ITS deployments and that the ITS group is so good at what they do yet still wanting to find ways to improve.

I would love to see VMS messages in Spanish. Especially the warnings for hazardous conditions. Please consider displaying warnings in Spanish ASAP. Having cute sayings in Spanish would also be lovely.

Keep up the good work..
Thanks

Keep up the good work. These devices are very helpful during our construction season which is year round and our winter season when we are plowing the roads

Live traffic camera video feeds to the UDOT Traffic Website and App. NO PSA or the like messaging on VMS signs, traffic impact/incident/weather type messages only.

I understand that it will take time to get adequate resources in my area, but we have critical issues with the resources in my area not working properly and/or when needed. Please fix what we already have before adding more.

Regarding my responsiveness to VMS board messages: When I'm traveling in an unfamiliar area, it's not likely for me to divert to an alternate route.

Thanks for this survey. I hope that change comes from this!

UDOT provides motorists with some of the best systems available in the industry to ensure safe transportation throughout the state.
Motorists traveling during hazardous weather on our roads are informed of potential hazards and we attempt to provide safe corridors for all users.

If the visibility is reduced with misty or rainy weather, I don't think we should post "clever safety" messages which people are straining to see thinking there might be a weather update. Instead people slow down to read a message about texting and driving.

I think the ITS is a great asset to the state. I love what they do and only wish for more of it. THANK YOU!

The accuracy of VMS messages is critical. When a driver sees a message that, for example, the right lane is blocked ahead, but they continue driving and there isn't anything going on, it they will question future messages and likely won't take an alt. route, gambling that the sign is wrong again why should they take an alt. route which they know will take longer. I have noticed this several times recently.

I'm very new to the Operations Group and the most difficult part is learning (and then getting access) to all the different systems, learning the policies, and becoming comfortable in operating the devices in ways that meet desired UDOT goals. I still have concerns (even with approval and access!) in making sure that I'm not creating obstacles for other employees and that my use is responsible and appropriate in the context of the system.

Is there data on weather or not the VMS messages like the "April Showers..." are effective or would travel times and accident reporting be better? I feel like the accident reporting is the most important as it can warn people to slow down (reduce the risk of further accidents) and find alternative routes if desired.

VMS are ignored by a huge portion of the public (my wife never reads them, some people are just too focused on the road). They're aren't enough to trust them fully for traffic congestion 100% of the time due to their spacing. the message may not be applicable due to distances between them and my planned route. Getting information into google maps/apple maps is much more user specific and absorbed by a higher % of drivers in my opinion.

I believe Utah has the best ITS system in the country. Keep up the great work!

If you have any questions for me, Shane Barr 435-630-4151.

The cameras need to work all of the time.

VMS are extremely useful for road closures and accidents. Other than that, they don't provide a lot of value. If the message is perceived to be important, I pay attention. If not, I tend to ignore the messages.

Thanks for doing this research. I don't have any additional comments

Knowing the weather and warnings is a useful part of safe driving. I am glad to have them

For any questions/concerns feel free to reach out to me at aadams@utah.gov . Thank you for your time and hard work on these systems!

The green, yellow and red lines on the UDOT Traffic app are very helpful but they are not on all routes. Google Maps has a traffic feature that allows you to see these lines nearly everywhere you can drive. I wish UDOT Traffic had that too.

Update the udottraffic.utah.gov website. it is due an update. Add short video clips of the cameras instead of still images.

Add more money to the budget. Your ITS crews are extremely short staffed and under funded like other Departments. These solutions vastly improve highway safety.