

# **ATTACHMENT 3**

## **CONGESTION PHOTOS AT NODES A-Z**

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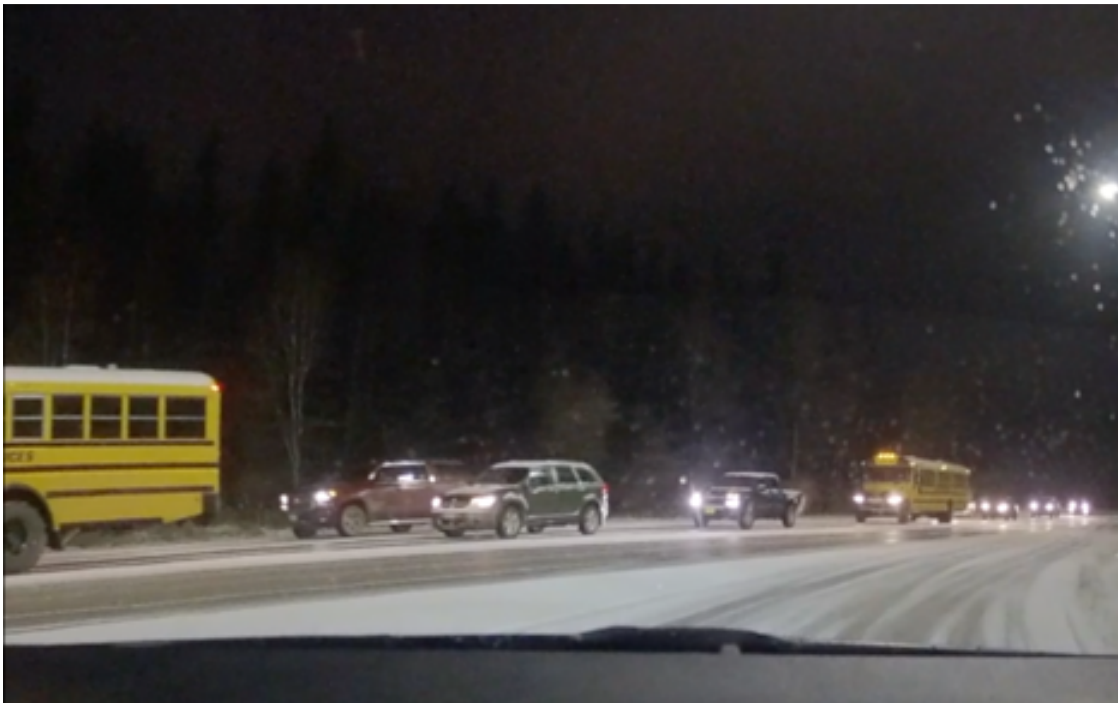
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## A. Fairbanks Street and Geist Road



24-10-16 WED 7:25 AM Eastbound Left Turn queueing (opposite) looking west on Geist Road



24-10-16 WED 7:25 AM Southbound Maximum Qeues looking north (first snowfall)



24-10-16 WED 2:07 PM Groups of Pedestrians Crossing south leg at Dismissal



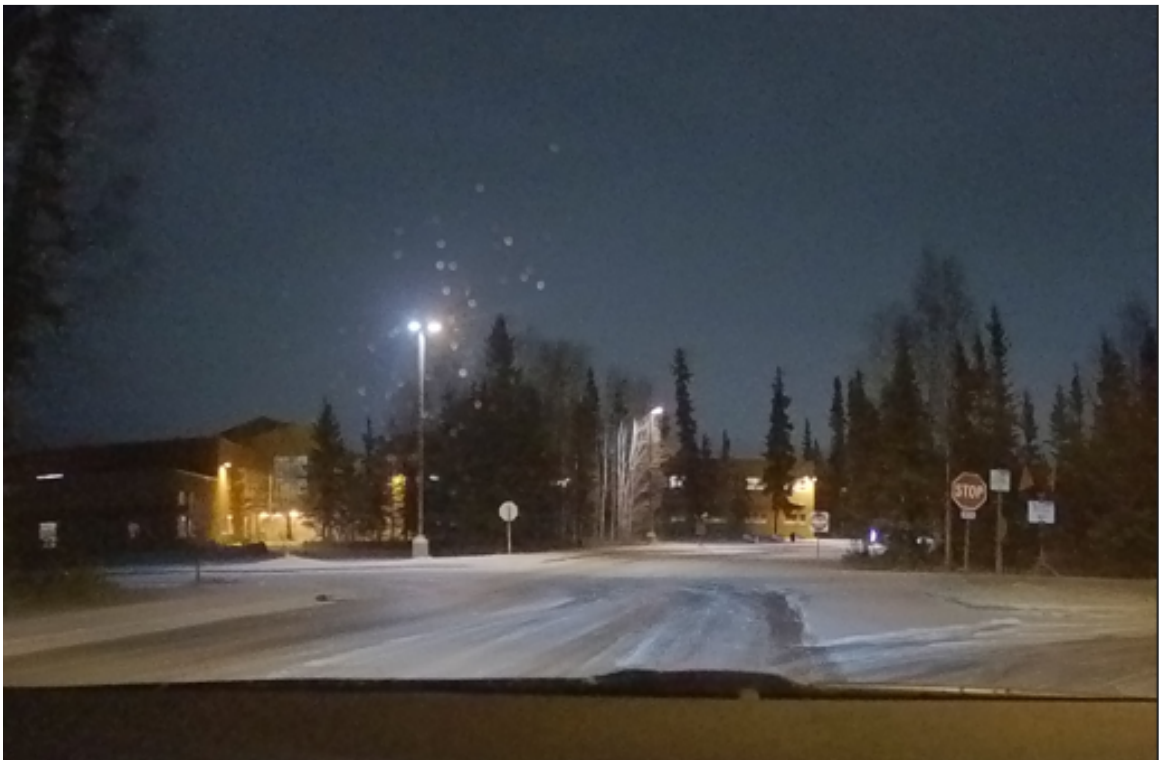
24-10-16 WED 2:17 PM Southbound Fairbanks Street Short Queue clears each cycle



## B. Sandvik Street and Fairbanks Extension



24-10-13 SUN 12:30 PM Sandvik Street at Fairbanks Extension, looking east, Sunday before snowfall



24-10-16 WED 7:28 AM Sandvik Street at Fairbanks Extension, looking east, Wednesday, after snowfall



24-10-13 SUN 1:39 PM Fairbanks Street northbound termination into Sandvik street Access



24-10-16 WED 7:28 AM Fairbanks Street Northbound to Sandvik Street under freezing rain, first snow



## C. WVHS Back Lot and Access



24-10-13 SUN 12:40 PM West Access Road to Back Lot, no parking



24-10-16 WED 6:58 AM Back Lot Closed around west side of WVHS



24-10-16 WED AM Buses Queueing to get to WVHS Back Lot for Dropoff



24-10-16 WED 7:40 AM Good Bus Retro-reflectivity from the side in Back Lot WVHS



24-10-16 WED 1:48 PM SPED Bus curbside staging and narrow bypass



24-10-16 WED 1:58 PM SPED Bus curbside staging and narrow bypass





24-10-16 WED 1:57 PM Back Lot SPED Bus Queues (left) and temporary bus loading zone staging



24-10-13 SUN 1:37 PM WVHS Back Lot narrow entry and air intake area, SPED ramp and hallways



## D. WVHS West Loop Temporary Staff Parking and Dropoff/Pickup Zone



24-10-13 SUN Existing Bus Only Loading Zone, West Loop WVHS



24-10-16 WED 7:08 AM CMS Sign Messaging to use Fairbanks for west Dropoff/Pickup



24-10-16 WED 6:55 AM WEST DROPOFF temporary signing on eastbound Sandvik Street (2 signs)

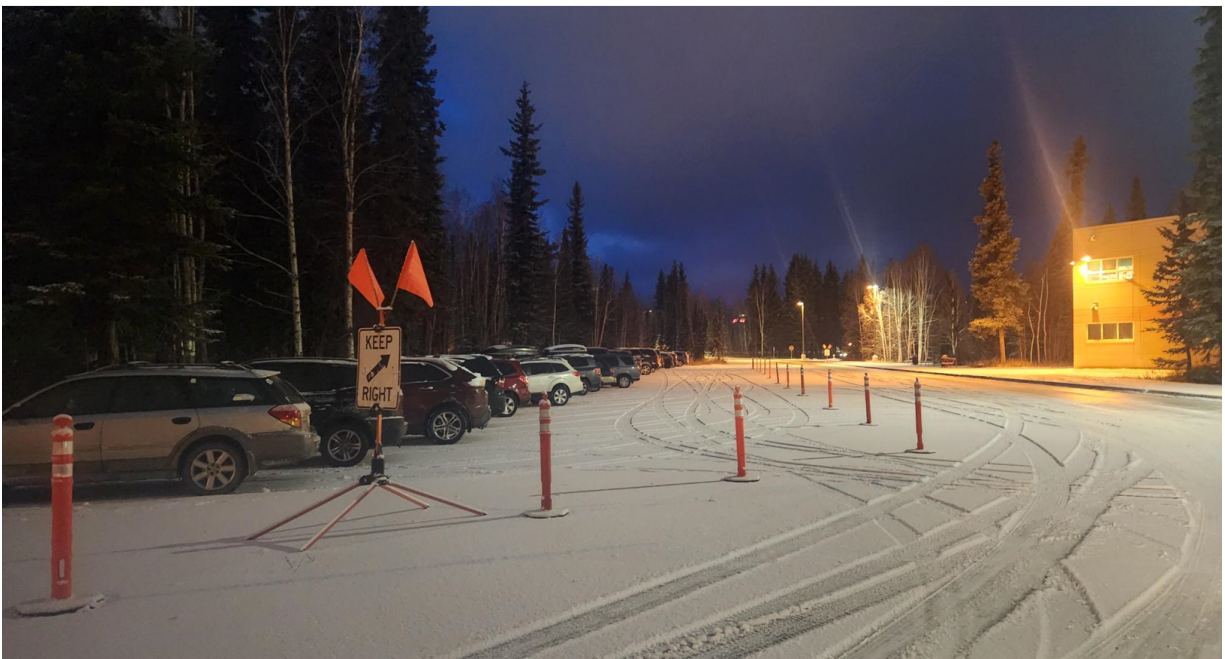


24-10-16 WED 7:29 AM Vehicles Dropping off in temporary West Loop





24-10-16 WED AM Covered Bus Signs, entry to Staff parking and west loop curbside Dropoff/Pickup



24-10-16 WED AM WVHS Staff parking full after 7:30 AM (reverse diagonal parking used)



24-10-16 WED 7:13 AM West Loop Dropoff under light but steady moving traffic in morning



24-10-16 WED 7:13 AM West Loop Dropoff normal exit to Fairbanks Street





24-10-16 WED 7:45 AM West Loop major entrance



24-10-14 MON Staff Parking in West Loop, Monday, first morning of Fall Demonstration



24-10-16 WED 1:55 PM West Loop under Low Use at Dismissal times



24-10-16 WED 2:15 PM Sandvik St WB Queue at West Loop Pickup, for Bus Departure to Fairbanks St, cleared in one cycle

## E. Geist Road and Gradelle Street



24-10-16 2:08 WED PM Geist Road at Gradells Street, Three pedestrians at Transit Stop



## F. Sandvik St and Gradelle Ave



24-10-17 THUR 7:55 AM Gradelle Ave northbound to Sandvik Street



24-10-13 SUN 12:41 PM Sandvik St eastbound at Gradelle Avenue, before snowfall





24-10-16 WED 2:14:01 PM Moving congestion, Sandvik St eastbound, Max Queue due to buses departing all at once via Fairbanks St, 30 sec to STOP,



24-10-16 WED 2:14:33 PM Moving congestion Sandvik St and Gradelle Ave All-Way Stop

## G. Sandvik St and Pedestrian Crossing



24-10-13 SUN 12:41 PM Sandvik WVHS Ped Xing Eastbound



24-10-16 WED 6:56 AM Sandvik WVHS Ped Xing Eastbound





24-10-16 WED 1:56 PM Curbside Pickup on Sandvik St, parallel parking, looking west



24-10-16 WED 2:00 PM Curbside Pickup on Sandvik St, parallel parking, same vehicles, looking east



24-10-16 WED 2:04 PM Moving Traffic, Eastbound, east of WVHS Ped Xing, No queues

## H. Sandvik St and WVHS East Loop Access



24-10-16 WED 7:21 AM Arrivals from east moving to the west to East parking lot



24-10-16 7:15 AM Sandvik Pedestrian between WVHS and HHS on non-sidewalk side in snow



24-10-16 WED 7:30 AM Sandvik St Pedestrian at East Loop WVHS on sidewalk side, in snow



I. WVHS Student Parking Lot, Drop-off and Pickup area



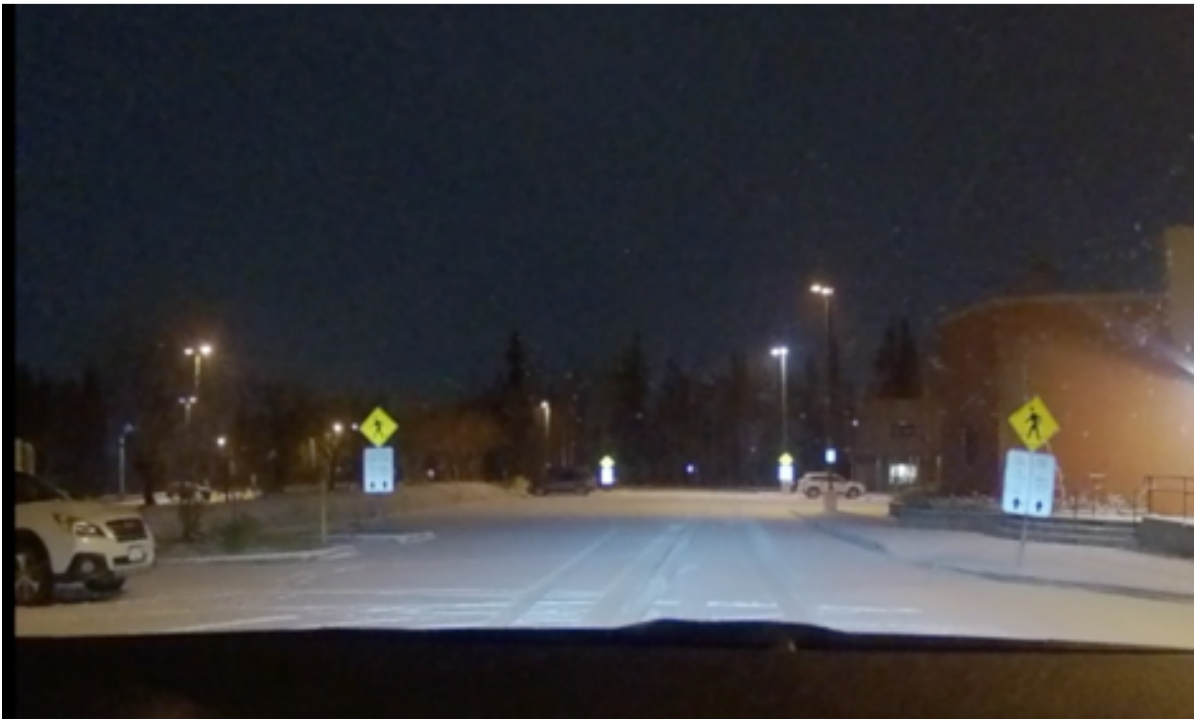
24-10-16 WED 2:00 PM WVHS East Loop 2 Lane Pickup Queues back to Sandvik St



24-10-16 WED 6:43 AM East Access to Back Lot at WVHS closed



24-10-13 SUN 12:39 PM East and West Main Entrances (2) for Dropoff WVHS westbound



24-10-16 WED 6:43 AM East and West Main Entrances (2) for Dropoff WVHS westbound





24-10-16 WED 2:13 PM Max Queues Eastbound from HHS to WVHS. WVHS can and does exit right to west. No Queues from WVHS onto Sandvik St.



24-10-16 WED 2:23 PM No Queues at Sandvik St and East Loop WVHS



24-10-16 WED 7:50 AM WVHS Southeast side Student Parking Lot not full, southern aisles

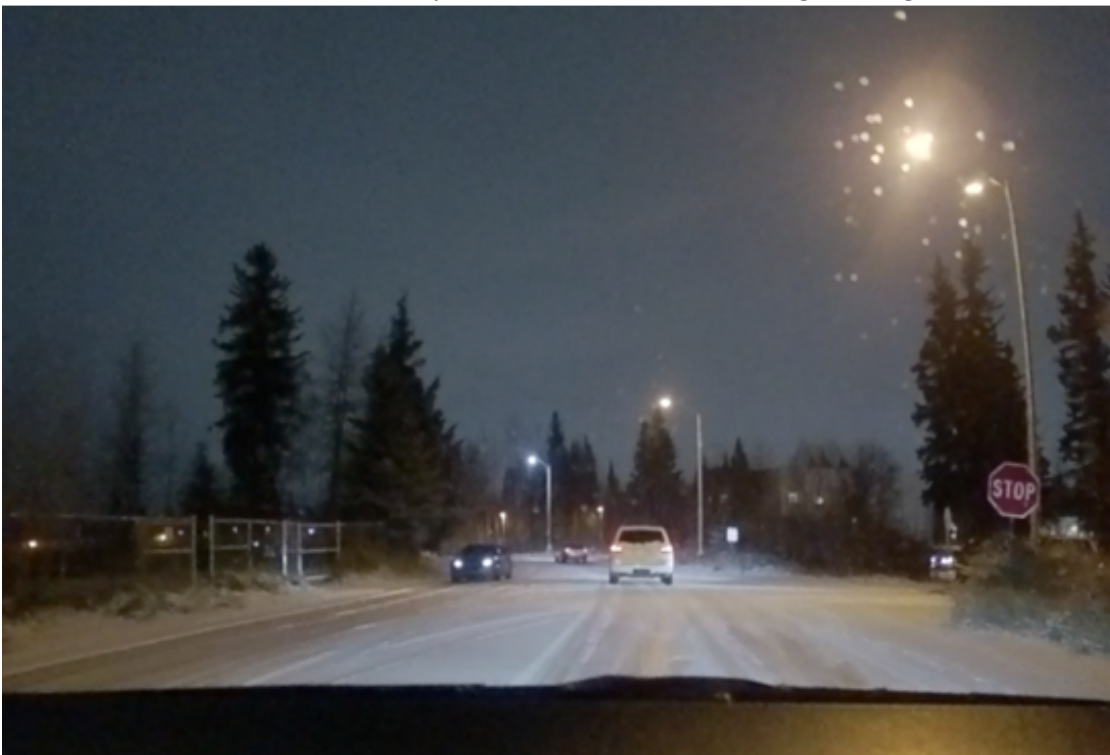


24-10-16 ED 7:50 AM WVHS Southeast side Student Parking Lot not full, northern aisles

## J. Sandvik St and HHS north-south "Spine" road All-Way STOP



24-10-16 WED 7:04 AM Sandvik no queue eastbound, traffic moving, arriving



24-10-16 WED 7:15 AM No congestion on Sandvik at HHS "Spine" Rd





24-10-16 WED 7:22 AM Westbound Sandvik at HHS All-way Stop, No Queue, opposing traffic steadily moving from University



24-10-16 WED 7:30 AM Sandvik Eastbound Queue from WVHS to HHS



24-10-16 WED 7:31 Same Eastbound Queue from University to HHS "Spine" Road All-Way Stop



24-10-16 WED 2:04 PM Sandvik queue moving at All-Way Stop





24-10-16 WED 2:12 PM End of Sandvik St Queue to WVHS east parking

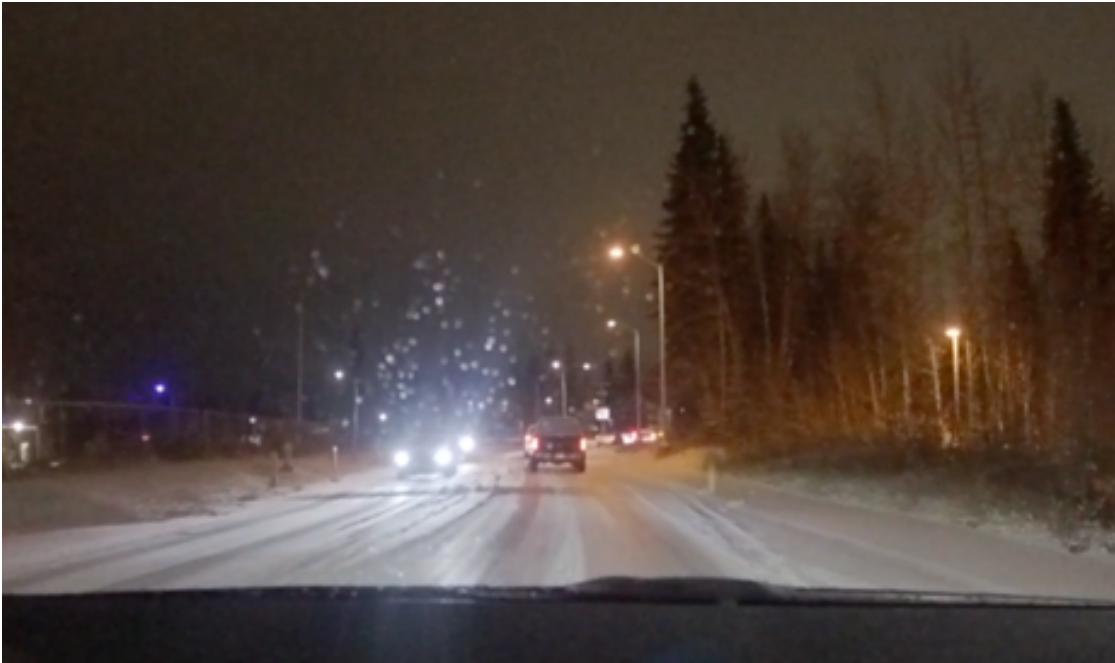


24-10-16 WED 2:15 PM End of Sandvik St Queue dissipating slowly towards HHS eastbound



24-10-16 WED 2:23 PM Sandvik Eastbound Queue (opposing) 2 vehicles at All-Way Stop

## K. Sandvik St and University Ave



24-10-16 WED 7:16 AM Very icy first snow, 32 degrees, eastbound right turn queue to University



24-10-16 WED 7:22 AM Moving queues eastbound, not congested. Inbound to schools steady





24-10-16 WED 7:34 AM Pedestrian crossing in retro-reflective outerwear, very icy roads, first snow

## L. CTC Back Lot, HHS "Spine" Rd



24-10-14 MON 1:43 PM Three shuttle buses in afternoon at HHS Back Lot



24-10-16 WED 2:12 PM Northbound queues to exit after pickup

## M. HHS Culinary Parking



24-10-16 WED 6:42 AM Southbound closure of HHS "Spine" Rd at Culinary Arts, Parking and northbound traffic only



24-10-16 WED 1:52 PM Northbound curbside pickup at HHS along "Spine" Rd





24-10-16 WED 2:33 PM Southbound closure of HHS "Spine" Rd at Culinary Arts, Parking and northbound traffic only



24-10-15 TUE 7:55 AM HHS Culinary Arts loading dock entrances – mid parking area

## N. HHS Front Parking, West Drive Drop-off, Pick-up area



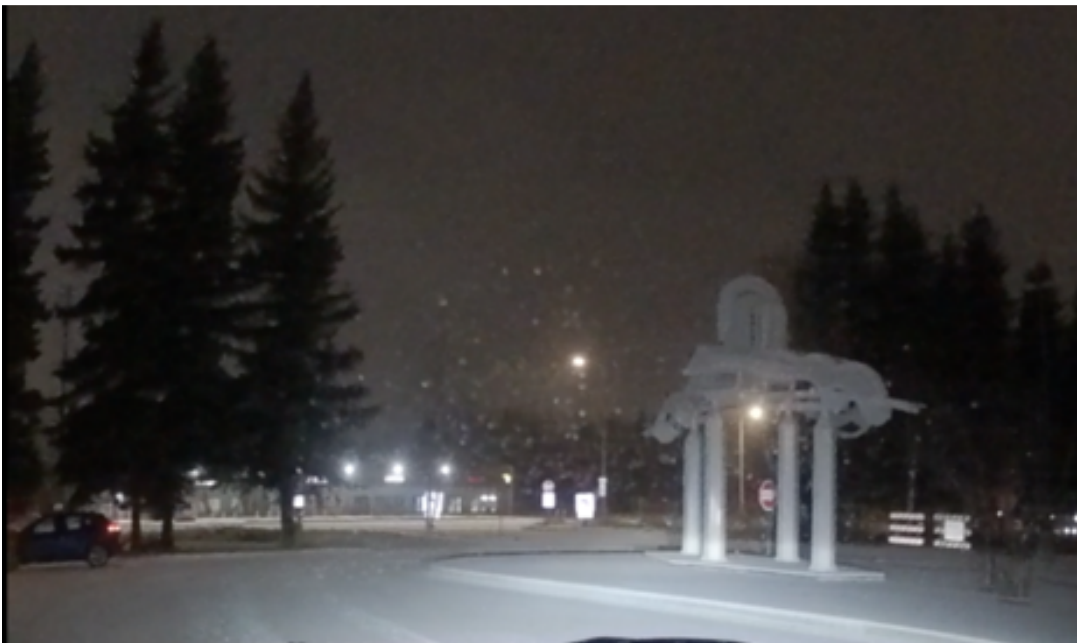
24-10-15 TUE 7:53 AM HHS Front Parking, Visitors, Drop-off Zone, Main Entrance



24-10-16 WED 6:41 AM HHS two-lane dropoff at main south entrance



24-10-16 WED 6:41 AM West drive parking access to west is closed

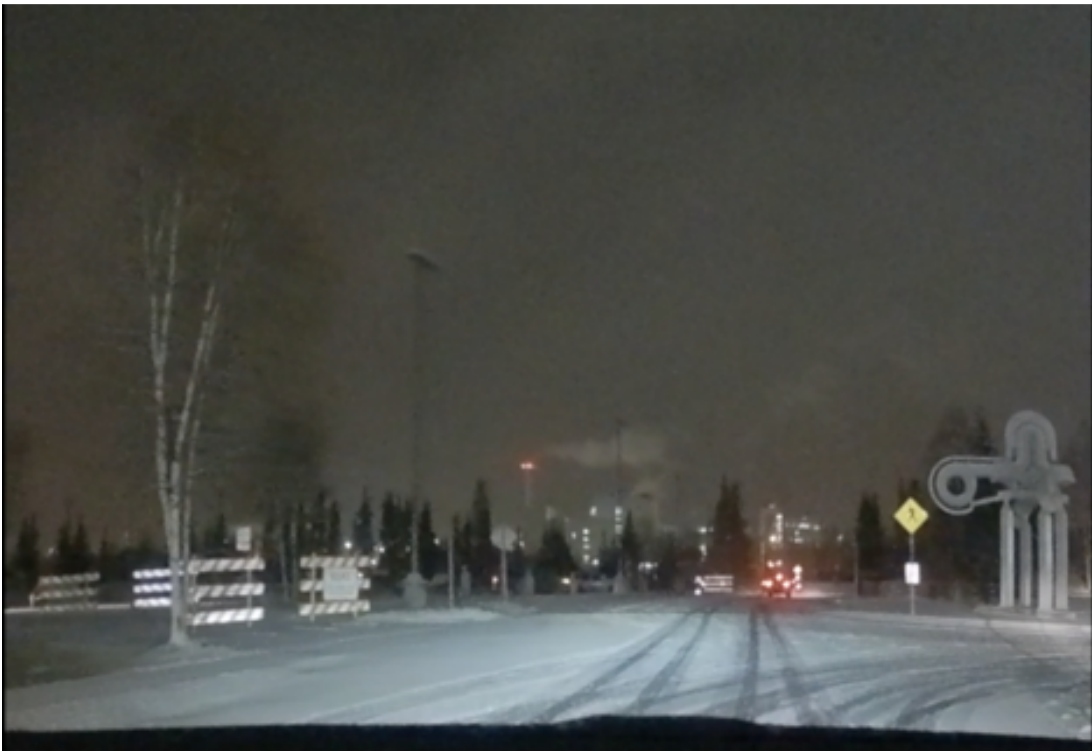


24-10-16 WED 6:41 AM West drive dual No Left Turn signs and hours posted





24-10-16 WED 7:01 AM Eastbound left turns from Geist Road entering drop-off front lot



24-10-16 WED 7:06 AM HHS West drive northbound, parking lot frontage closed until middle



24-10-16 WED 7:45 AM HHS South parking lot closed to get to Geist Road



24-10-14 MON 9:17 AM HHS South parking lot closed to get to Geist Road



24-10-15 TUE 2:13 PM HHS Northbound pick-up queue to West Drive front parking access road



## O. HHS West Drive and Geist Road arterial access



24-10-16 WED 7:36 AM No queue for eastbound left turns on Geist Road, 2 vehicle leaving



24-10-19 WED 2:33 PM two vehicle queue at Geist, left turns allowed after 2:30



24-10-16 WED 2:19 PM Geist Rd eastbound at HHS West Drive, no queue



24-10-15 TUE 7:53 AM No Left Turn signs in morning at West Drive and Geist Road





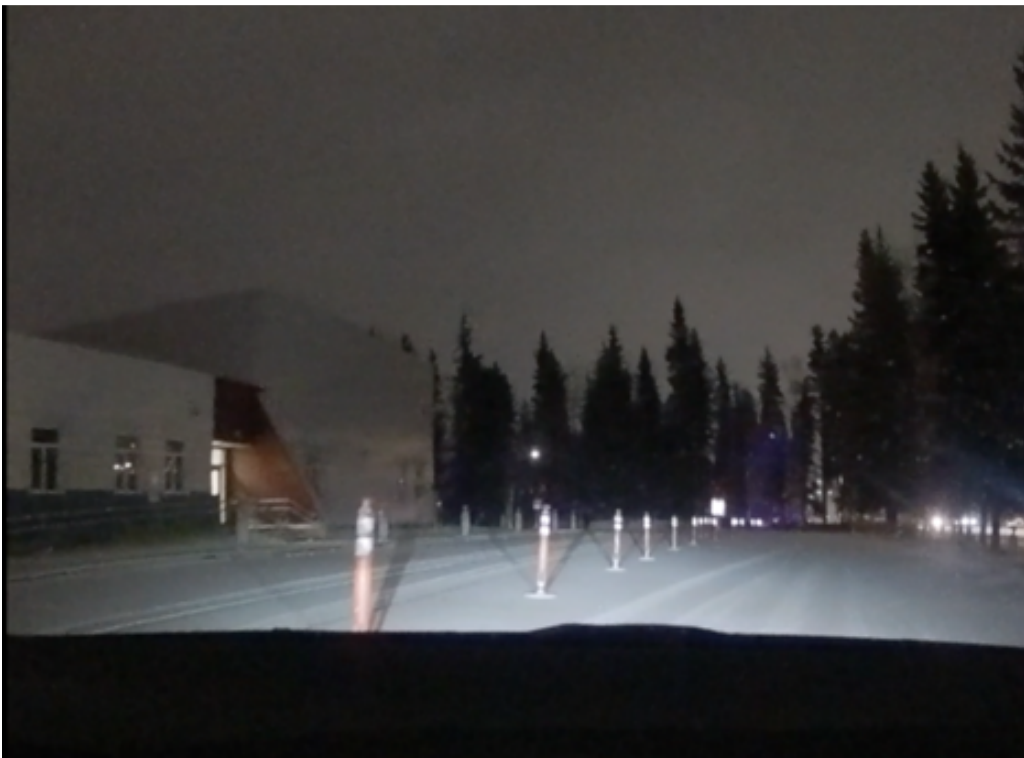
24-10-15 TUE 2:31 PM No Left Turn signs in afternoon at West Drive and Geist Road



## P. HHS East Drive and U-Turn Storage



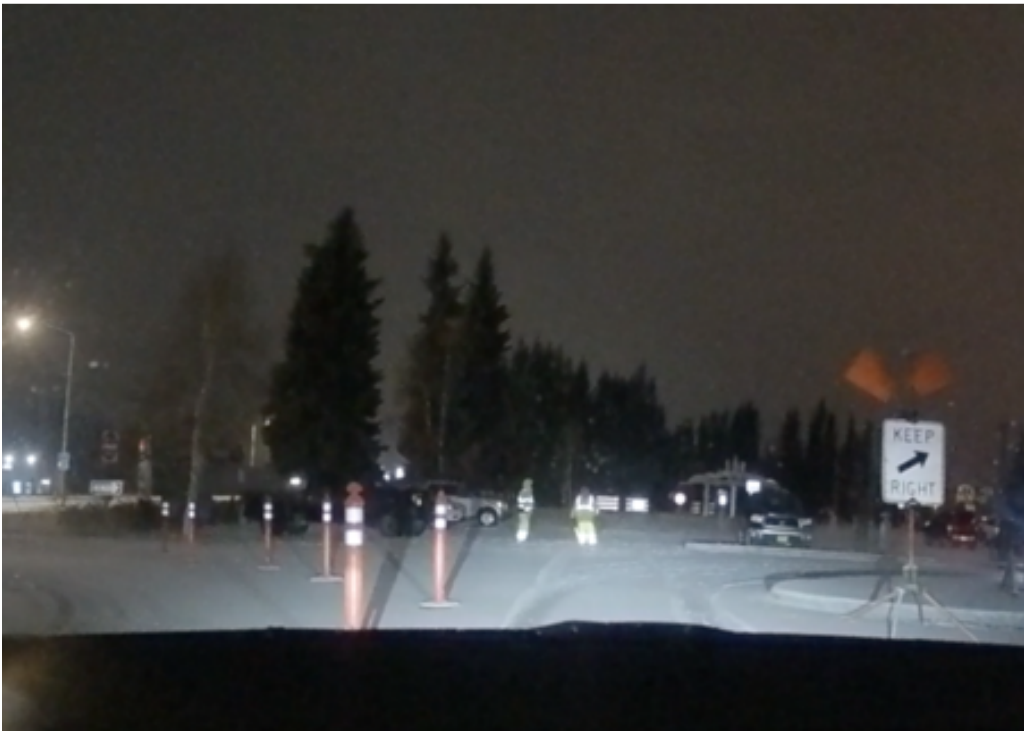
24-10-16 WED 6:40 AM HHS East Drive right-turn only to Senior Parking with flaggers



24-10-16 WED 6:40 AM HHS East Drive u-turn storage in Senior Parking



24-10-16 WED 7:01 AM HHS East Drive Senior Parking u-turn westbound to dropoff



24-10-16 WED 6:41 AM HHS East Drive right-turn to dropoff after original ADA parking



24-10-16 WED 2:32 PM HHS East Drive right-turn only to u-turn in senior parking

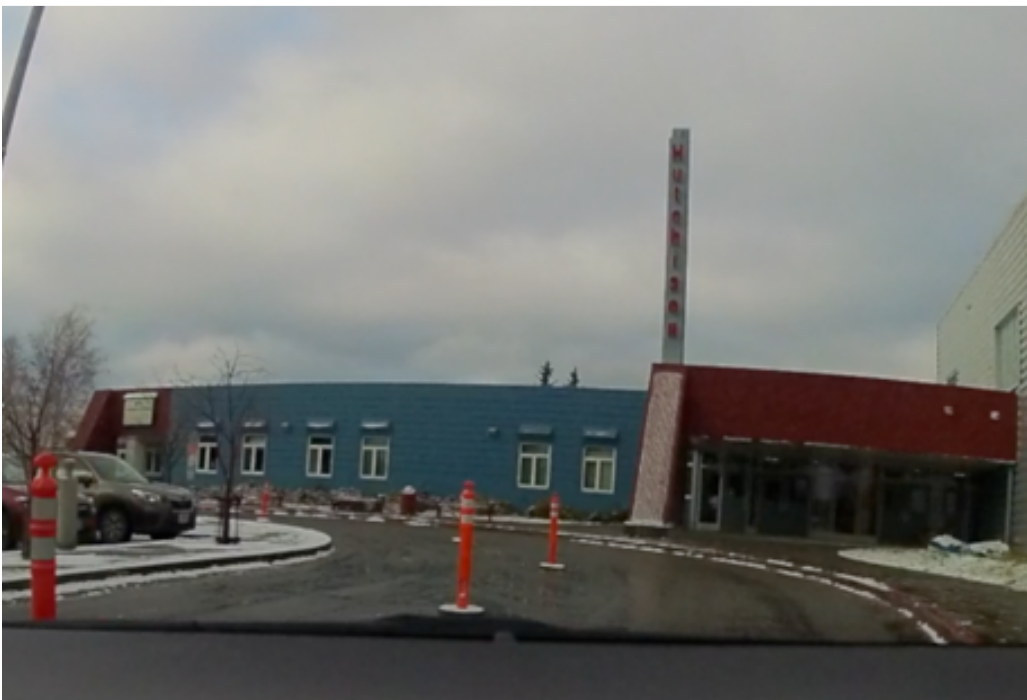


24-10-16 WED 2:32 PM HHS East Drive u-turn in senior parking





24-10-16 WED 2:33 PM HHS East Drive right-turn to pickup lane. Max queue half way west bound storage.



24-10-16 WED 2:33 PM HHS Pickup lanes at Main Entrance, difficult lane change, bypass in order to exit



Fall Demonstration Flaggers in full retro-reflective gear, with light sticks

## Q. Sandvik Street in vicinity of U-Park Building



24-10-13 SUN 1:41 PM U-Park Building access to midblock Sandvik St (2 drives)



24-10-16 WED 2:12 PM Sandvik eastbound queue blockage





24-10-16 WED 2:22 PM Sandvik eastbound queue blockage



24-10-16 WED 2:28 PM Sandvik queue eastbound dissipates to west U-Park drive



24-10-16 WED 2:28 Sandvik eastbound queue still blocks U-Park east drive and original drop-off, pick-up area at main entrance



24-10-16 WED 2:04 PM Low volume pedestrian crossing area HHS to U-Park

## X. Alaska Railroad at-grade railroad crossing



24-10-14 MON 9:20 AM ARRC railroad crossing at University Avenue, north of Sandvik St



## Y. University Avenue and Geist Road



24-10-16 WED 6:40 AM Westbound Johansen Expressway signal approach to University Ave, first snow



24-10-16 WED 7:05 AM Southbound University Ave multilane signal approach to Geist Road, first snow, 32 degrees