

FORT CARSON SNOW REMOVAL PLAN 2020-2021

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Maintenance Division

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SNOW REMOVAL PLAN – AREAS

Areas plowed by the DPW operations and maintenance contractor:

- Cantonment area
- Wilderness Road area
- BAAF
- Route 1 to Range 143 when needed

Areas plowed by others:

- D8 Schools (D8)
- Housing area internal streets (BBC)
- Motorpools (units)
- Evans Army Community Hospital (Evans Contractor)
- Academy Blvd. & Hwy 115 (CDOT and El Paso County)



SNOW REMOVAL PLAN – RESPONSE PLAN

- **Monitoring:** The DPW will monitor weather forecasts in conjunction with Fort Carson Operations Center (FCOC) and send out SITREPS to Garrison leadership in advance of oncoming storms indicating preparations and pretreatment plans.
- **Pretreatment:** Based on storm predictions, DPW will pre-treat roads with magnesium chloride. Pre-treatment is only applied on hills, curves, intersections and other "hazardous" locations.
- **Priority 0 – Special Events**
 - Throughout all priorities, real world deployment or special event requirements will be addressed immediately.
 - Response can take place during normal duty hours and after hours.
- **Priority 1 – Main roads, BAAF, Public Sidewalks, and special areas**
 - Response can take place during normal duty hours and after hours.
 - Special areas will be cleared immediately at first snowfall and throughout storm.
 - Government will provide direction to contractor on when to progress to next level of priority based on condition of previous priorities, and conditions of lower priorities areas. However, the lower priority areas may have been cleared from solar melt and traffic prior to having resources available for those lower priorities.



SNOW REMOVAL PLAN – RESPONSE PLAN (CONT)

- Priority 2 – Secondary Roads
 - Response during normal duty hours only.

- Priority 3 – Parking Lots
 - Parking lots will not be completely cleared: Only the aisles will be plowed and treated with de-icer.
 - Response during normal duty hours only.
 - Priorities are in the following general order:
 - Fire Stations and Police Stations
 - DIV and USAG HQ
 - Army Community Service
 - Mountain Post Soldier Center (MPSC)
 - Soldier Family Assistance Center
 - Medical, Dental and Behavioral Clinics
 - DFACs
 - Physical Fitness Centers
 - Special Events Center
 - Elkhorn Conference Center
 - Tri-foods



SNOW REMOVAL PLAN – RESPONSE PLAN (CONT)

- Limited Response:
 - For storms with less than 3” of snow accumulation or ice-storms.
 - Response will focus on applying de-icer and clearing specific and localized slippery spots by priority order.
 - These light storms typically do not create lingering slippery conditions, thus an extensive or sustained response is not needed.

- Full Response:
 - For storms with 3” or greater of snow accumulation.
 - Response will clear snow from roads in priority order with plows and other heavy equipment.
 - Standard measuring points for snowfall: Bldg. 1435 Helipad; Bldg. 8200; Gates 5, 6, 19 and 20; and Bldg. 9601 at Butts Army Airfield.
 - Crews will start plowing prior to 3” accumulation if Fort Carson is expected to receive at least 3” by the end of storm.

- Delayed Reporting: Allows DPW to get better start on clearing roads before morning rush hour starts. Once cars start arriving and traffic gets heavy, it gets very hard to effectively plow as the snow gets packed and plows get stuck in traffic.



SNOW REMOVAL PLAN – BAAF

▪ Intent:

- Keep the main runway (13/31) and taxiway C and ramp C (for crash station access) clear to support 24/7 emergency runway capability.
- Clear taxiways and ramps to meet flying mission priorities and timelines. Use Sidewalks: DPW will clear mainline sidewalks when weather forecasts indicate sustained conditions of snow and ice on the walks.

▪ Plan:

- DPW will use existing snow removal equipment staged at Bldg. 8200, and will use nylon blades in lieu of steel.
- DPW will pretreat the baseline surfaces (runway 13/31 and taxiways Bravo and Charlie) with E36 product, dependent on weather conditions and forecast.
- DPW will clear the baseline surfaces at the onset of snow/ice accumulation 24/7 due to its status as an emergency runway. The trigger for this response will be independent of the snow response for cantonment roads.
- DPW will clear the other taxiways and ramp areas in priority order (as set by BAAF base ops based on flying mission requirements) beginning the next normal duty day. Should there be a weekend flying mission, DPW will clear those needed ramps on the weekend as requested by BAAF base ops and supported by 4th CAB. All ramps will have to be cleared of aircraft prior to snow removal operations.



SNOW REMOVAL PLAN – SIDEWALKS

- Common Use Sidewalks: The DPW will clear mainline sidewalks when weather forecasts indicate sustained conditions of snow and ice on the walks.
- Building Entrances (50' Rule): Building occupants are required to clear snow and ice on the sidewalk leading from their doorstep to the first mainline sidewalk, which is typically less than 50', but could be more.
 - Facility Managers may draw free Ice Melt from the DPW Supply Warehouse, Bldg. 214, for government facilities.



SNOW REMOVAL PLAN – PRIORITY 1 SPECIAL AREAS

Sidewalks

- Chapels
 - Weekend Services
- WTU Admin
 - Business hours
- WTU Barracks
 - 24/7
- DFACs
- Child Development Centers
 - 3” rule

Parking Lots

- Chapels
 - Weekend Services
- WTU Admin and Barracks
 - 24/7
- Emergency Vehicle Bays
 - 24/7
- DFAC Loading Docks
- Commissary & Main Exchange
- Shopettes/Expresses
- ASP
- Child Development Centers
 - 3” rule



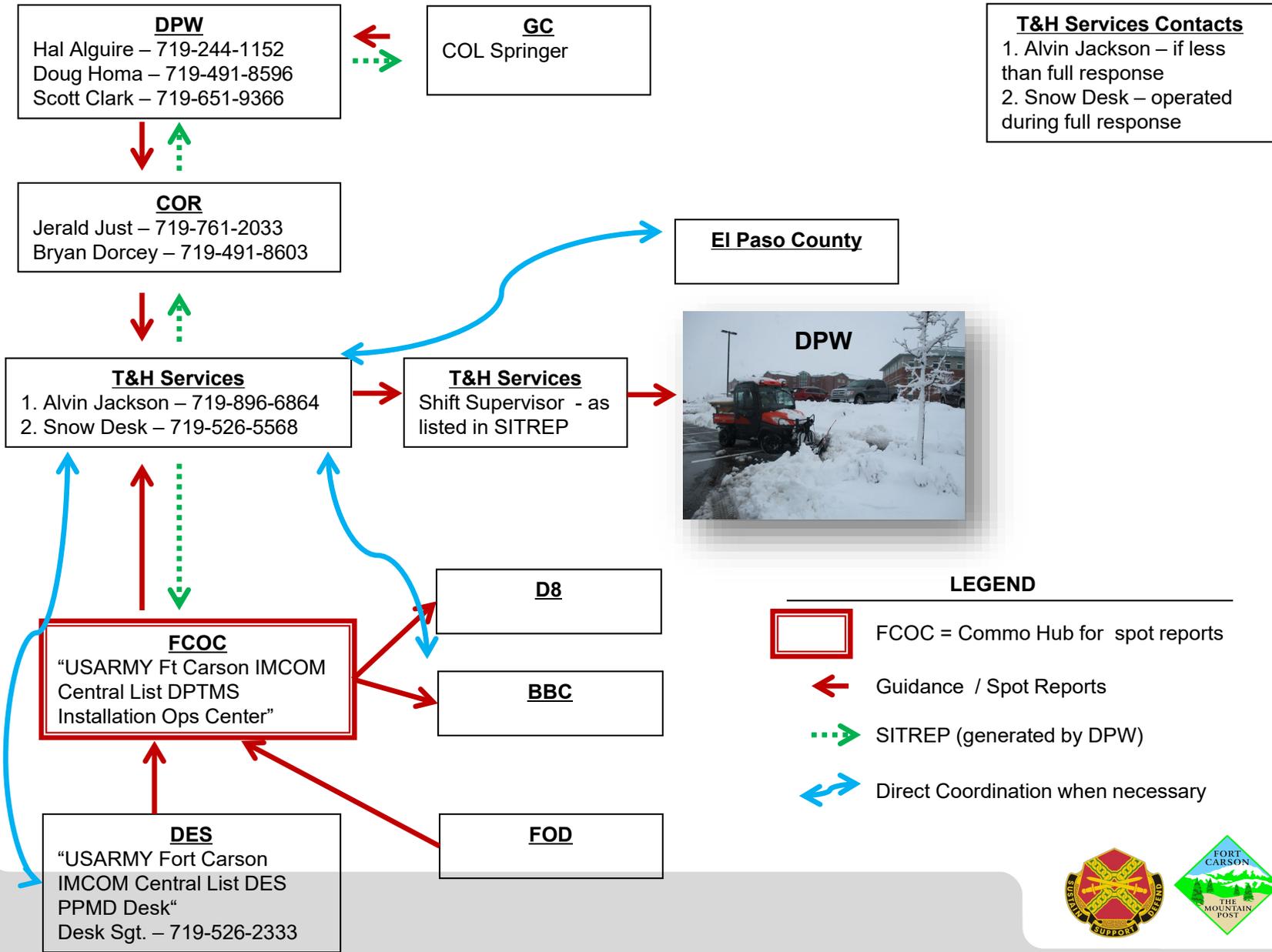
SNOW REMOVAL PLAN – EQUIPMENT

DPW Fleet Equipment

- 5 Dump trucks w/plow and sander
- 1 Truck w/mag chloride
- 1 Truck w/mag chloride and rubber blade for the air field
- 7 Graders (1) w/rubber blade for the air field
- 3 Tractors w/blades
- 6 Utility vehicles w/plows (4) w/spreader for sidewalks and parking lots
- 1 Skidster w/box blade



SNOW REMOVAL PLAN – RESPONSE COMMO PLAN

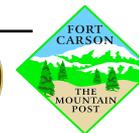


SNOW REMOVAL PLAN – RESPONSE SITREP

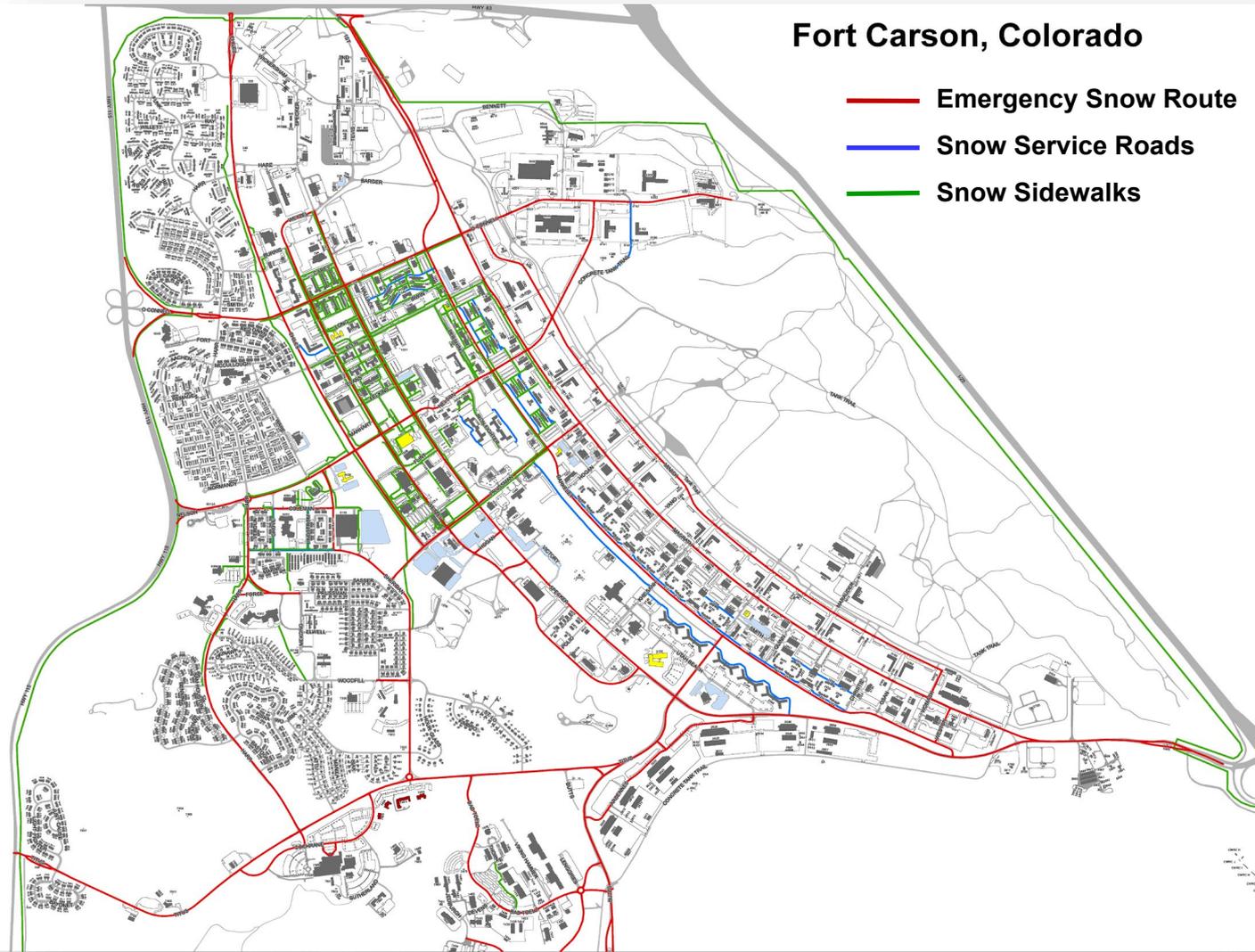
- Reports will be generated by T&H Services Shift supervisor.
- Reports will be generated before COB on days when storm events are predicted to occur overnight.
- Reports will be sent via e-mail body text (and not an attachment) for easy reading on mobile devices.

SITREP 8-LINE FORMAT

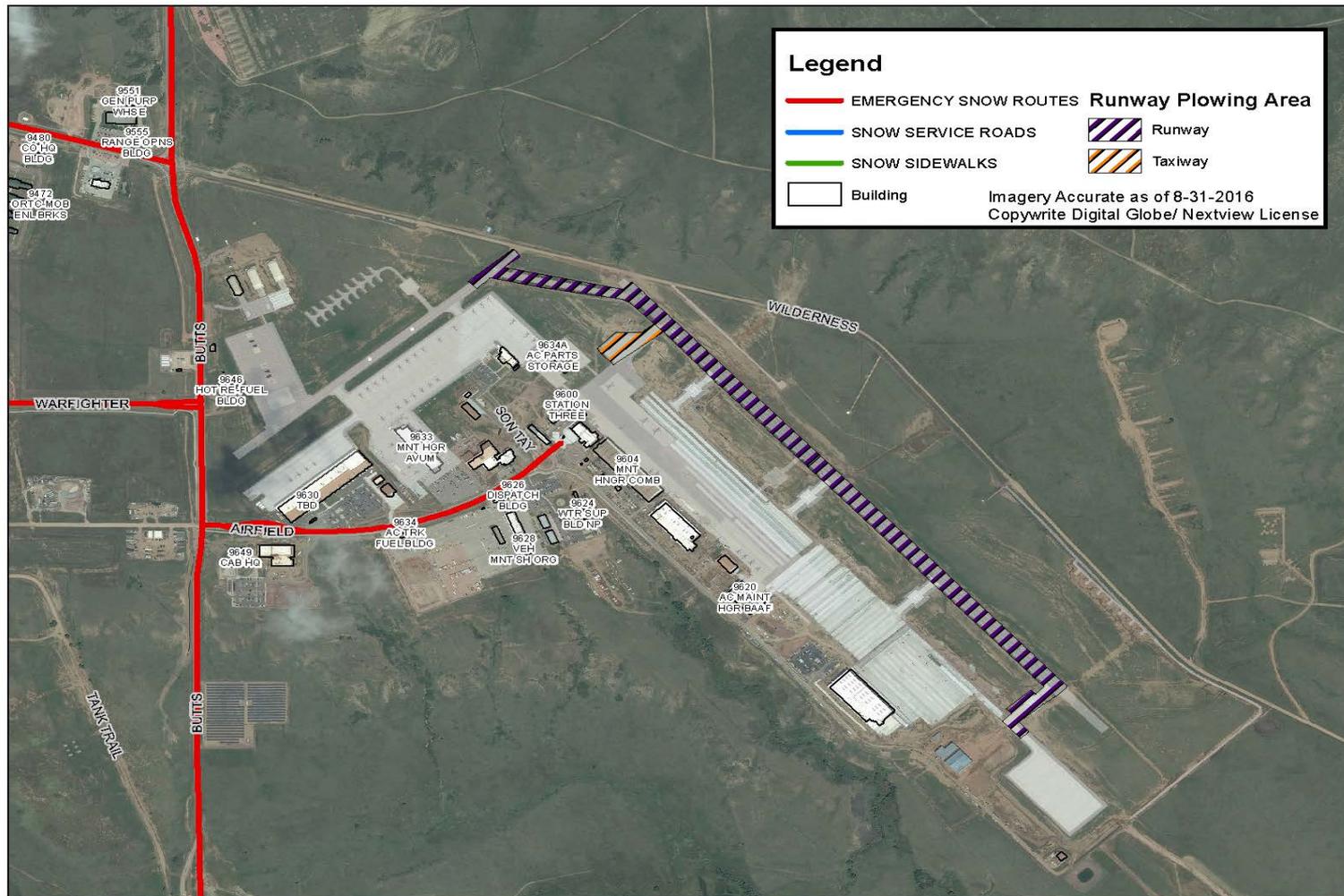
1. Report as of: DTG _____
2. Current snow accumulation / ice conditions on roadways: _____
3. Driving Conditions: _____
4. Active T&H Services response on Cantonment: (monitoring storm, limited ice response, full snow response, snow desk operational, supervisor (name, #), etc.)
5. Active T&H Services response on BAAF: (monitoring storm, limited ice response, full snow response, snow desk operational, supervisor (name, #), etc.)
6. Significant areas: (list geographic areas of specific concern, heightened efforts, PX/Commissary, railhead, hills, etc.) _____
7. Reported by: _____
8. Next report due: (every 2 hours during a response) _____



SNOW REMOVAL PLAN – NORTH MAP



SNOW REMOVAL PLAN – BAAF



SNOW REMOVAL PLAN – CONTACTS

T&H Services Snow Control Center – 719-526-5568/5389

T&H Services 24/7 Service Order Desk – 719-526-5345

Fort Carson Operations Center (FCOC) – 719-526-3400/5500

Butts Army Airfield Weather Station – 719-526-3620

Fort Carson Military Police Station – 719-526-2333

