Welcome
Thank you for joining us!

CHEYENNE FRONTIER DAYS TRAFFIC STUDY & TRANSPORTATION PLAN PUBLIC INFORMATION MEETING

STUDY STEERING COMMITTEE MEMBERS:

Cheyenne Frontier Days:
- Bill Berg
- Tom Harig
- Buck Reiner
- Ron Newnum

Wyoming Dept. of Transportation:
- Joel Meena
- Jeff Mellor
- Mark Wingate

Laramie County School District #1:
- Merle Smith
- Nancy Nelson
- Jim Bussell
- Stephanie Ashworth
- Wesley Fuller

City of Cheyenne:
- Nathan Beaulieu

Cheyenne Police Department:
- Lt. Howard Smith
- Sgt. John Gay

Cheyenne Transit Program:
- Renee Jording

City Council:
- Scott Roxbol
**STUDY GOALS:**

- Resolve 8th Avenue traffic/pedestrian conflict problems: Separate pedestrian, bus and traffic conflicts
- Improve key intersection traffic operation
- Reduce amount of time Cheyenne Police Department officers and Cheyenne Frontier Days volunteers are in the roadway directing traffic
- Increase overall transportation safety
- Maximize ‘Park N Ride’ bus operation

**CFD FACTS:**

- 2017 attendance was 244,000 people
- Over 2,500 volunteers work year-round to ensure that CFD is a success
- The current seating capacity for a rodeo is 15,000
- The current capacity for a night show is 25,000
- The economic impacts resulting from direct visitor spending surrounding the 2015 CFD event totaled approximately $28 million {Dean Runyan Associates}
2017 TRANSPORTATION OBSERVATIONS

"PARK N RIDE" BUS BOARDING

CAREY AVE. AND 8TH AVE. PEDESTRIAN AND VEHICLE CONFLICTS.
INTERSECTION UNDER OFFICER CONTROL.

PEDESTRIAN / 'PARK N RIDE' BUS CONFLICTS

VEHICULAR TRAFFIC BACKED UP ON CENTRAL AVE., WEST OF KENNEDY RD.

PEDESTRIAN / VEHICLE / BUS CONFLICTS ON 8TH AVE.

VEHICULAR TRAFFIC BACKED UP ON 8TH AVE. TO CENTRAL AVE.

PEDESTRIAN / BUS CONFLICTS AT "PARK N RIDE" BULL LOT

PEDESTRIANS IN ROADWAY—LACK OF SIDEWALKS
2017 Traffic / Pedestrian Intersection Volumes (10:45 pm — 11:45 pm)

Legend:
- 0 – 100 Pedestrians
- 100 – 1000 Pedestrians
- 1000 – 2000 Pedestrians
- 2000 – 3000 Pedestrians
- 3000 – 4000 Pedestrians
- 0 – 500 Vehicles
- 500 – 1000 Vehicles
- 1000 – 1500 Vehicles
- > 1500 Vehicles

SOUTHBOUND I-25 RAMPS AND CENTRAL AVE.

TOTAL VOLUME ON SATURDAY, JULY 29, DUE TO EQUIPMENT FAILURE AT 10:45 PM.

CHEYENNE FRONTIER DAYS TRAFFIC STUDY & TRANSPORTATION PLAN

* Park N Ride estimate is based on the assumption of 3 passengers per vehicle in the Ball Lot for each vehicle entering the Ball Lot after 3:00 p.m. on Saturday. Vehicles parked prior to 3:00 p.m. are not included in this count of 2,364.


DID YOU KNOW?

- During CFD the intersection of Carey Ave. and 8th Ave. handles 671 vehicles and 2,765 pedestrians during the peak hour.
- On a typical weekday without CFD the intersection of Carey Ave. and 8th Ave. handles 595 vehicles and 7 pedestrians during the peak hour.
PUBLIC PARKING AVAILABILITY NEAR FRONTIER PARK

Avenues parking count areas is bordered by Hynds Boulevard, 8th Avenue, Central Avenue and Pershing Boulevard. On Wednesday, July 26th the total number of vehicles parked in this area was counted at 1,635. The same area showed 465 vehicles during a standard weekday based on historic Google Earth imagery. The assumption is that 1,170 CFD visitors can park in the Avenues on streets. This number does not consider vehicles which are parked in driveways or on private residential lots where space for parking is limited elsewhere.

PUBLIC PARKING AVAILABILITY NEAR FRONTIER PARK

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>AVAILABLE SPACES</th>
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</thead>
<tbody>
<tr>
<td>Frontier Park Lot C</td>
<td>1,000</td>
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<tr>
<td>Frontier Park Lot D</td>
<td>356</td>
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<tr>
<td>Lions Park Lot E</td>
<td>320</td>
</tr>
<tr>
<td>Lions Park - Parking</td>
<td>360</td>
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<tr>
<td>Avenues Neighborhood</td>
<td>1,170</td>
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</tbody>
</table>

GATE V8 OPERATIONS RECOMMENDATION

CREATE GATE FOR GOLF CARTS AND TRACTORS - DO NOT ALLOW CARS TO USE SAME GATE AS VEHICLES.
a) Temporarily close the segment of 8th Avenue to westbound traffic between Dey Avenue and Hynds Boulevard. 8th Avenue will remain open for a single lane of eastbound traffic.

b) Relocate ‘Park N Ride’ passenger loading/unloading area. Short-term recommendation is to move this area west of its current location along 8th Avenue and to create a wider sidewalk and space for passenger boarding as patrons approach to board buses.

c) ‘Park N Ride’ buses leave Frontier Park by travelling north on Hynds Boulevard to Kennedy Road and Central Avenue to access Interstate-25 at the Central Avenue interchange.

d) Hynds Boulevard should be converted permanently to a one-way northbound street between Pershing Boulevard and 8th Avenue. During CFD, the segment of Hynds Boulevard should be temporarily operated as one-way northbound from 8th Street to Gate V12 with temporarily signing on Kennedy Avenue that states ‘Access Restricted to Golf Club and CFD Participants at Gate V12’.

e) Install portable temporary traffic signals, with pedestrian indication signal heads, at the 8th Avenue intersection with Carey Avenue and the Kennedy Road intersection with Central Avenue.

f) Provide temporary street lighting, particularly at the intersections of 8th Avenue with Carey Avenue and with Dey Avenue.

g) Allow Cheyenne Police Department officers to utilize the manual control traffic signal equipment at the Pershing Boulevard/Randall Avenue/Hynds Boulevard and the Pershing Boulevard/Snyder Avenue Intersections. (These signals are planned to be upgraded prior to the 2018 Cheyenne Frontier Days event; upgrades will allow for push-button officer control.)

h) During Cheyenne Frontier Days increase the Interstate-25 northbound off-ramp green time at Pershing Boulevard during peak hours: 5:00 p.m. – 8:00 p.m. and 11:00 p.m. to 1:00 a.m.

i) Reconfigure the ‘Park N Ride’ Bull Lot operation so that pedestrians do not have to walk in front of buses. Provide a dedicated pathway area for pedestrians as they approach and leave the bus pick-up/drop-off area.

j) Conduct annual CFD kick-off and debriefing meetings with City of Cheyenne Traffic Engineering, Cheyenne Police Department, Cheyenne Frontier Days staff/volunteers, Wyoming Department of Transportation, Cheyenne Transit Program, and Laramie County School District Number 1 transit representatives.

k) Create a full-time staffed Traffic Control Communications Center within Frontier Park for communications of real time traffic/pedestrian control and parking availability information to Cheyenne Police Department, Cheyenne Frontier Days, City Engineering and Traffic, Wyoming Department of Transportation and Cheyenne Transit Programs.

   1) Utilize the Traffic Control Communications Center to ensure that updates to dynamic message signs are made accurately and timely.

   m) Utilize the Traffic Control Communications Center to ensure that traffic controls which change throughout the day to accommodate ingress and egress traffic is in place and removed consistently and according to plan each day of the event.

l) Utilize the Cheyenne Frontier Day smart phone app for traffic conditions and control updates to provide alerts to CFD patrons. Add a parking option and/or ‘Park N Ride’/Cowboy Triangle Maps to the ‘Maps’ tab on the app.

m) Close Randall Avenue to westbound traffic between Pershing Boulevard and McComb Avenue during CFD to improve Pershing Boulevard peak traffic operation.

**Key Long-Term Recommendations**

1. Construct a permanent relocated ‘Park N Ride’ bus passenger drop-off/pick-up area accessed from Hynds Boulevard that involves relocation of the Buckin’ A Saloon tent within Frontier Park and an enhanced bus access road between the carnival area and carnival parking lot that allows buses to exit Frontier Park via Gate V12 to proceed north on Hynds Boulevard. (This is a change from the CFD Master Plan).

2. Widen Kennedy Road to maintain a westbound Frontier Park access lane for emergency responders and accommodate an eastbound ‘Park and Ride’ bus express lane.

3. Upgrade and/or install LED street lighting around Frontier Park, particularly along 8th Avenue, Carey Avenue and Hynds Boulevard.

   4. Identify and pave a permanent ‘Park N Ride’ lot to replace the Bull Lot. Stripe the parking spaces and internal circulation system in this lot to maximize parking efficiency.
SHORT-TERM IMPROVEMENT RECOMMENDATIONS

KENNEDY RD / CAREY AVE / CENTRAL AVE - 'PARK N RIDE' EXPRESS LANE OPTION

KENNEDY RD / CAREY AVE / CENTRAL AVE - TWO LANE EGRESS CONE / BARRIER PATTERN

LONG-TERM IMPROVEMENT RECOMMENDATIONS

KENNEDY RD / CAREY AVE / CENTRAL AVE - ‘PARK N RIDE’ EXPRESS LANE OPTION

KENNEDY RD / CAREY AVE / CENTRAL AVE - THREE LANE EGRESS EXIT OPTION

KENNEDY RD / CAREY AVE / CENTRAL AVE - FOR DURATION OF CFD: NO LEFT TURN FROM CENTRAL AVE TO KENNEDY RD

KENNEDY RD / CAREY AVE / CENTRAL AVE - FOR DURATION OF CFD: NO LEFT TURN FROM CENTRAL AVE TO KENNEDY RD
LONG-TERM ‘PARK N RIDE’ RECOMMENDATION

RECOMMENDED ‘PARK N RIDE’ LOCATION.
NOTE: IMAGE ON THE RIGHT IS ACCURATE FOR DIMENSIONS/SIZE.
BECAUSE THE AERIAL PHOTOGRAPH IS TAKEN AT A SKEW AND NOT
LOOKING DIRECTLY DOWN ON THE LOT, THE FOOTPRINT OF THE
IMPACTS ARE ALSO SLIGHTLY SKEWED IN THAT IMAGE.

'PARK N RIDE' PEOPLE
STORAGE/LINES

RELOCATED
BUCKIN' A SALOON

ROOM FOR 8 BUSES TO
LOAD AT ONE TIME.

'PARK N RIDE'
PEOPLE
STORAGE/LINES

POSSIBLE BUS STORAGE (7 BUSES)
BULL LOT RECONFIGURATION RECOMMENDATION

LOT ACCOMMODATIONS
- All vehicles have parking spaces for loading/unloading
- No large RVs pull through parking spaces
- Standard parking spaces expand as needed (we note that this is flexible in final layout)
- All vehicles will be allowed to park, with certain exceptions

OPERATIONAL CONSIDERATIONS
- Use lot for overflow, return to west end of lot, or use temporary lot flag to keep flow of traffic
- Lot is designated for overflow parking only
- All vehicles are to use designated area
- All vehicles should not exceed 4,500 pounds

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AYRES ASSOCIATES