



ADAMS COUNTY

COLORADO
BOARD OF COUNTY COMMISSIONERS

Eva J. Henry - District #1
Charles "Chaz" Tedesco - District #2
Emma Pinter - District #3
Steve O'Dorisio - District #4
Mary Hodge - District #5

STUDY SESSION AGENDA
TUESDAY
November 17, 2020

ALL TIMES LISTED ON THIS AGENDA ARE SUBJECT TO CHANGE

10:40 A.M.	ATTENDEE(S): ITEM:	Adam Burg / John Russell, Dentons Federal Lobbyist Update
11:35 A.M.	ATTENDEE(S): ITEM:	Nancy Duncan Review of 2021 Proposed Budget
12:15 P.M.	ATTENDEE(S): ITEM:	Donald Austin, VP of Commerce City Refinery, Suncor / Heather Sasdov, Director of Operations, Suncor / Brian Nelson, Manager, Environmental Health & Safety, Suncor / Christina Henderson, Director of Maintenance & Reliability, Suncor / April Maestas, Director of Engineering, Suncor / Lisha Burnett, Manager, Communications & Stakeholder Relations, Suncor / Amy Fidelis, Senior Advisor, Communications & Stakeholder Relations, Suncor Suncor Update
1:25 P.M.	ATTENDEE(S): ITEM:	Raymond Gonzales Administrative Item Review / Commissioners Communication
2:05 P.M.	ATTENDEE(S): ITEM:	Shosana Lew, Executive Director, CDOT / Adam Parks, CDOT / Nicholas Farber, CDOT / Jessica Myklebust, CDOT / Julie George, CDOT CDOT Update on I-270

TO WATCH THE MEETING:

- Watch the virtual Zoom Study Session through our [You Tube Channel](#)

(AND SUCH OTHER MATTERS OF PUBLIC BUSINESS WHICH MAY ARISE)

AGENDA IS SUBJECT TO CHANGE



STUDY SESSION ITEM SUMMARY

DATE OF STUDY SESSION: 11/17/20
SUBJECT: Federal Lobbyist Update Re: Election 2020
OFFICE/DEPARTMENT: County Manager's Office
CONTACT: Adam Burg
FINACIAL IMPACT: None
SUPPORT/RESOURCES REQUEST: None
DIRECTION NEEDED: None
RECOMMENDED ACTION: N/A

DISCUSSION POINTS:

- Election 2020 results and potential impact at the federal level.



STUDY SESSION ITEM SUMMARY

DATE OF STUDY SESSION: November 17, 2020
SUBJECT: County Manager's 2021 Recommended Adams County Budget
OFFICE/DEPARTMENT: Budget & Finance Department
CONTACT: Nancy Duncan, Budget & Finance Director; Marc Osborne, Deputy Budget Director
FINACIAL IMPACT: Informational Only
SUPPORT/RESOURCES REQUEST: N/A
DIRECTION NEEDED: N/A
RECOMMENDED ACTION: No action required at the time. This is informational only to give the Board of County Commissioners an opportunity to review the County Manager's 2021 Recommended Budget.

DISCUSSION POINTS:

- This presentation will allow the Board of County Commissioners to review, analyze, and ask questions regarding the County Manager's 2021 Recommended Adams County Budget.



STUDY SESSION ITEM SUMMARY

DATE OF STUDY SESSION: November 17, 2020
SUBJECT: Update from Suncor
OFFICE/DEPARTMENT: n/a
CONTACT: Lisha Burnett, Manager, Communications & Stakeholder Relations
FINACIAL IMPACT: n/a
SUPPORT/RESOURCES REQUEST: Informational update
DIRECTION NEEDED: Informational
RECOMMENDED ACTION: Informational

DISCUSSION POINTS:

- Suncor will be presenting an update to the board, presentation is attached.



SUNCOR

**Adams County
Board of County Commissioners Study Session**

November 17, 2020



Topics for discussion

- Introductions
- Our business at-a-glance
- Commerce City refinery (CCR) environmental goals and metrics for improvement
- Corrective actions and preventative measures completed in response to recent air emissions
- Air emissions: limits and reporting
- Community air monitoring
- PFAS update
- Sand Creek recent work
- How we maintain refinery integrity: reliable operations and turnarounds
- Refinery capital investment plan to drive environmental performance
- CDPHE settlement agreement progress:
 - Third party root cause investigation: uncovering opportunities for continuous improvement
 - Community consultation process and survey

Commerce City Refinery: our business at-a-glance



Colorado's **only fuels refinery** boosting economy by **~\$2.5 billion** per year

Supports **local communities**

More than
\$1.3 Billion
in refinery improvement investments since 2005

Supports **~500 direct** and **~5000 indirect jobs**

Local producer/supplier of:

Gasoline
Diesel
Propane
Jet fuel for DIA
Asphalt for Colorado's roads
Fuel for Western Slope



Access **local crude**, Colorado's DJ Basin

Supply **Colorado's fuel needs** through:



Truck



Pipeline



Rail

Suncor wants to continue to be a part of Colorado's energy future, while making sound investments and driving environmental improvements.



CCR environmental goals and metrics for improvement

2020 air emissions performance

Suncor's 2020 air emissions targets were established to meet our best historical year of environmental performance (in the past 5 years), which was 2018, and to re-establish our prior progression of reducing exceedances.

2020 performance is improved over last year, and we have more work to do:

- CCR environmental performance through the morning of Nov. 11 this year vs. last year:
 - 2019 (through 11/11) – 404 exceedance periods
 - 2020 (through 11/11) – 180 exceedance periods



*Plant 2 FCC start-up team,
Jan. 8, 2020*

Corrective actions and preventative measures completed in response to recent air emissions exceedances

Incidents below were thoroughly investigated to identify root causes, with actions taken to prevent recurrence.

- March 17: Plant 2 FCC - Main air blower shut down
- May 17: Plant 1 temporary power loss and subsequent shut down
- June 19: Tail gas unit (TGU) sour water leak repair
- Aug. 13: Plant 1 boiler trip
- Oct. 21: Plant 1 transformer failure and power loss

Corrective actions included:

- Equipment repairs
- Inspection / testing of similar equipment to prevent similar failure
- Design improvements
- Procedure and preventative maintenance upgrades



Air emissions: limits and reporting

- Multiple reporting requirements regarding air emissions, depending upon the specific rule, regulation, or permit limit.
- Reporting is required whenever a permit limit is exceeded, or whenever a rule requires notification to a regulatory authority, e.g., exceeding a reportable quantity in 24hrs
- Some notifications are right away; others are typically next business day.
- Some permit limits have very short-term parameters, such as a 6-minute average, and some could be more long-term, such as an annual emissions limit.
- There are times we notify CDPHE as a courtesy, even when limits are not exceeded (e.g., flaring, smoke or other visible activity)



COLORADO
Department of Public
Health & Environment



Community air monitoring

- Use a calibrated Industrial Scientific MX6 iBrid 6gas monitor (or equivalent) capable of detecting oxygen (O₂), carbon monoxide (CO), hydrogen sulfide (H₂S), sulfur dioxide, flammable/combustible vapors (LEL), and volatile organic compounds (VOCs).
- Data is compared to national standards from:
 - Occupational Safety & Health Administration (OSHA)
 - American Industrial Hygiene Association (AIHA)
 - American Conference of Government Industrial Hygienists (ACGIH)
- Suncor also monitors the CDPHE community air monitoring station results that are open to all at <https://www.colorado.gov/airquality/report.aspx>
- If Suncor's community air monitoring data exceeds applicable standards, we will activate our Emergency Operations Command (EOC) and coordinate with local fire and police departments.



PFAS update

- **Regular sampling and testing for presence of PFAS compounds**
 - Surface water, groundwater monitoring wells, outfall
 - Results of all sampling show varying levels of compounds both above and below EPA health advisory
 - Results of surface water indicate presence of compounds both upstream and downstream of refinery
 - Share sampling results with CDPHE
- **Wastewater Discharge permit**
 - Committed to meeting future standards for PFOA+PFAS+PFNA in our discharge permit
 - Designing improvements to treat for these compounds
- **Presence of PFAS due to historical use of Class B firefighting foam at refinery**
 - Suncor replaced its foam with one that complies with the U.S. Environmental Protection Agency's PFOA Stewardship Program-2015 requirements
 - Suncor's emergency response training does not use foam
- **Continue to work with CDPHE to understand, address the nature of PFAS at the refinery**

Sand Creek



Sheen observed on May 7, 2020 was intermittent and difficult to spot at times. Investigation currently indicates material is historic, and is an aged diesel fuel (or fuel oil)



Restored Area – August 27, 2020
Extensive inspection and investigation indicated the material was not actively coming from the refinery.

Maintaining refinery integrity

In addition to the aforementioned EPA regulations, our industry is regulated by the Occupational Health and Safety Administration (OSHA) with respect to personal safety and process safety.

Process Safety Management (PSM), a required OSHA standard, emphasizes the management of hazards associated with certain chemicals and establishes a comprehensive management program that integrates technologies, procedures and management practices.

CCR has a demonstrated/audited track record for process safety compliance, including but not limited to:

- Lessons Learned
- Mechanical Integrity and Quality Assurance Program (MIQA)
- Inspection Programs
- Reliability Improvement Plan (RIP)
- Process Hazard Analysis (PHAs)
- Turnarounds

In our most recent PSM compliance audit (2019) CCR was commended for our mechanical integrity program, process hazard analysis tools, operating procedures, contractor training programs and employee participation in PSM programs.



Refinery capital investments

- Since purchasing the refinery, Suncor has invested more than \$1.3 billion in improvements.
- Capital investments have been driven to increase environmental quality of our fuels, including significantly reducing the amount of benzene and sulfur in our gasoline and enabling the refinery to produce ultra-low sulfur diesel fuel.
- Plan to continue investing hundreds of millions of dollars over the next few years, so we can continue providing Colorado with essential fuels that help transport critical supplies to frontline workers, mobilize emergency services vehicles, keep grocery store shelves stocked, supply asphalt for road repairs, and much more.
- Our continued investments are focused on making the refinery better, *not* bigger.



Plants 1 & 3, started in 1931 in
"Commerce Town"



Suncor Commerce City Refinery today



Plant 2, originally built in 1937

CDPHE settlement agreement overview

As part of the settlement agreement reached with CDPHE in March 2020, Suncor agreed to:

- Pay ~**\$1.4 million** in penalties (which have been paid)
- Direct ~**\$2.6 million** to community projects (SEPs)
- Spend up to **\$5 million** on improvement projects following third party root cause investigation

Suncor also committed to complete several key projects to improve performance and how we communicate with the community:

- Engage an independent **third party root cause investigation** to identify refinery improvement opportunities
- Provide **funding for HCN monitoring** in the surrounding community, which will be conducted by the CDPHE
- In consultation with stakeholders and neighbors, **develop a communications and notification process** to communicate with and make data available to the community and CDPHE

CDPHE settlement agreement progress

Third party root cause investigation

Per the settlement agreement, Suncor selected global management consulting firm **Kearney** to conduct the investigation. Kearney has more than 3,600 people working in more than 40 countries, and advises more than 75% of Fortune Global 500, influential governmental and non-profit organizations.

The objectives of Kearney's independent assessment include:

- Determine causes of emissions exceedances; and
- Make recommendations to improve or change plant design, operations, and/or maintenance practices

Progress to date includes:

- Kearney initiated its work in late July 2020. This included interviews with Suncor personnel, detailed review of Suncor processes and procedures, operational data, historic emissions exceedances, and observation of operations, including start-up of our Plant 2 FCC unit.
- Suncor expects Kearney's work to be completed by end of year, well prior to CDPHE's deadline of March 31, 2021.
- Suncor will develop an action plan to address recommendations from Kearney.

CDPHE settlement agreement progress

Community consultation process and survey

- August through October, completed many one-on-one communications with public officials, community leaders, other stakeholders
- September 9 we launched online and telephone surveys in English and Spanish
 - 600 telephone surveys completed
 - Online survey was open through November 1
- Held eight community focus groups, completed employee focus groups
- Survey feedback will be used to improve or add tools, systems to notify, communicate and share data with the community
- Since April, parallel work underway to research best practices and technologies for notification/communication (e.g., Everbridge, emergency notification system such as Reverse 911)
- **Next steps:** compile survey results, provide report to Colorado Department of Public Health & Environment (CDPHE) and take action



CDPHE settlement agreement progress

Community consultation process and survey: deadlines

Deadline	Compliance Order Requirement
December 15, 2020	<ul style="list-style-type: none">• CDPHE’s submission deadline for Suncor’s proposal of short- and long-term measures to notify, communicate and share data with the community.• Required completion date for the community and stakeholder consultation process.
January 2, 2021	<ul style="list-style-type: none">• HB 20-1265 requirements take effect.
March 30, 2021	<ul style="list-style-type: none">• Implementation date for the agreed-upon short-term measures from Suncor’s proposal.
September 30, 2021	<ul style="list-style-type: none">• Implementation date for the agreed-upon long-term measures from Suncor’s proposal.



STUDY SESSION ITEM SUMMARY

DATE OF STUDY SESSION: November 17, 2020
SUBJECT: Update from CDOT on I-270
OFFICE/DEPARTMENT: Department of Public Works
CONTACT: Kristin Sullivan, ACIP, Director of Public Works
FINACIAL IMPACT: N/A
SUPPORT/RESOURCES REQUEST: Update only
DIRECTION NEEDED: Informational update only
RECOMMENDED ACTION: No action at this time

DISCUSSION POINTS:

- CDOT Executive Director Shoshana Lew and other members of CDOT staff requested an opportunity to brief the Board on the progress made to date on the I-270 Environmental Assessment
- Director Lew will also provide an update on certain project elements including the Vasquez interchange and the potential use of managed lanes within the project



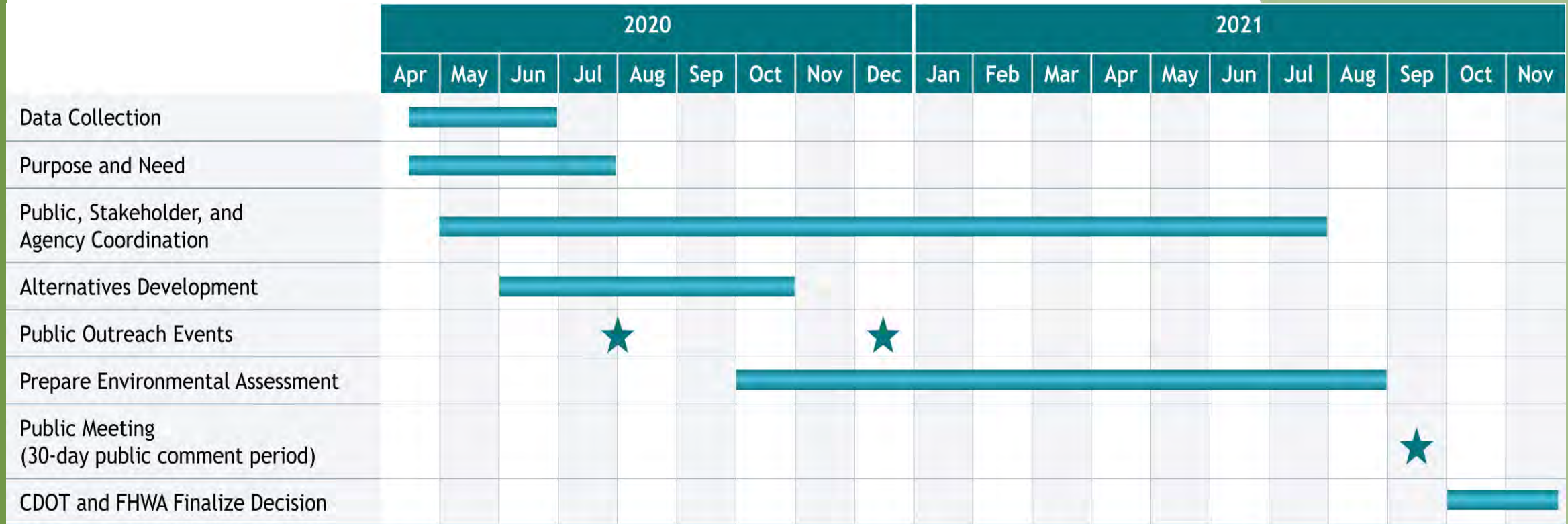
COLORADO
Department of Transportation



I-270 Corridor Improvements EA Update



Project Process & Schedule



Legend

- project team activities
- ★ public involvement opportunities

* Schedule may change pending Air Quality Requirements

Vasquez Boulevard Interchange

Existing Interchange Operations



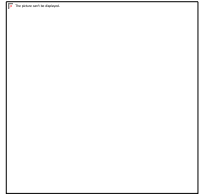
Proposed Interchange Operations



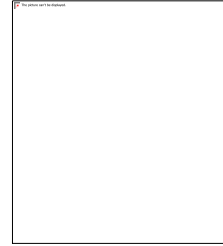
I-270 Improvements Proposed

- ◆ Reconstruct and/or widen portions of I-270 to meet current standards
- ◆ Replace structurally deficient bridges
- ◆ Add an additional travel lane in each direction
 - Express Lanes under consideration
- ◆ Add an auxiliary lane* between select interchanges
 - *an additional lane between two interchanges for acceleration, merging, truck climbing, and exiting the freeway
- ◆ Eastbound I-76 ramps combined to improve flow and safety
- ◆ Vasquez Interchange reconfiguration
 - Partial-cloverleaf design removes short weave movements between ramps
 - Eliminates both exit loops with 25mph advisory speed, truck over-tracking
 - Adds missing ramp from NB Vasquez Blvd. to EB I-270
 - Improved multimodal connections under I-270
- ◆ Improve pedestrian connections under I-270 near Vasquez Blvd.

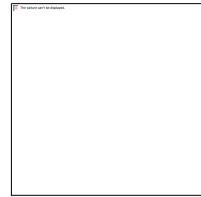
Why are Express Lanes being considered?



Express Lanes offer an option with predictable travel times



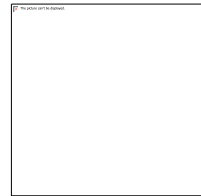
Express Lanes provide flexibility for the future



Adding Express Lanes improves travel times for all users



Express Lanes help solve the funding challenge



Express Lanes work to move more people rather than just more cars



CDOT is required to consider managed lanes per Policy Directive 1603.



US 36 Express Lanes example



Travel speeds in all lanes improved by 20% to 29% while crash rates were reduced 8%. Increased transit usage and mobility options.



Equity Considerations of Express Lanes

- Leading Equity Concerns:
 1. Income Equity - the ability of potential users to afford an express lane
 2. Modal Equity - concern that users of general-purpose lanes suffer as a result of the deployment of an express lane
 3. Geographic Equity - concerns the siting of express lanes—both in terms of the process by which facilities were selected for tolling, and whether certain communities are likely to become dependent on a priced facility for their daily travel needs



I-270 Corridor Improvements

Questions?

