## Season 2017 Summer Ozone

Briefing to the North Front Range MPO Planning Council October 5, 2017



Air Pollution Control Division

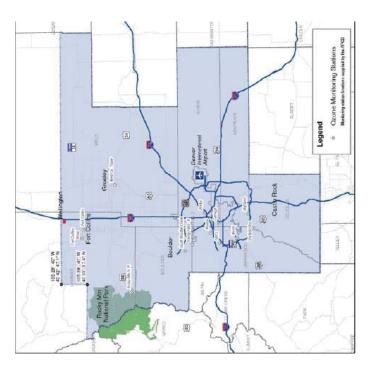
Department of Public Health & Environment



## 2

# Ozone Nonattainment Area

- Exceeds federal health standards
- Air quality is improving
- 2017 "clean data" year
- More deadlines coming
- CDPHE and partners are working to reduce ozone



## National Ambient Air Quality Standards (NAAQS)

- 2008 standard
- 75 ppb, based on 4<sup>th</sup> max day at each monitor
- SIPs submitted to EPA
- 2017 is a benchmark year

- 2015 standard
- 70 ppb
- Designatenonattainmentarea 2017–2018
- Attainmentdeadline 2020–2021

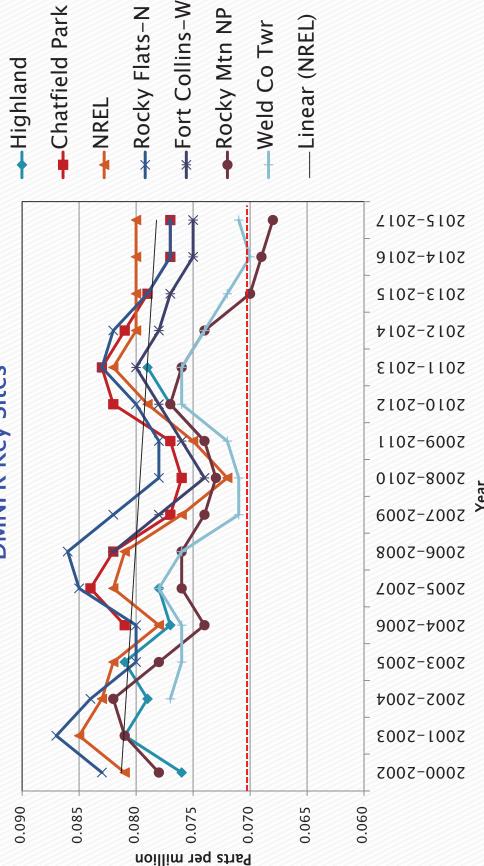


2017 thru 9/30

# Ozone Trend Gradually Improving

## Three-year Average of 4th Max

**DMNFR Key Sites** 







# 2017 Days Above 75 ppb

Monitor	Days > 75 ppb With/Without Exceptional Events	Days > 75 ppb 4th Max With/Without With/Without ceptional Events Exceptional Events
NREL	5/2 days	26/75 ppb
Fort Collins West	3/2 days	75/75 ppb
Rocky Flats North	3/2 days	75/75 ppb
All others	<pre>&lt; 2 days</pre>	<pre>&lt; 75 ppb</pre>

\*CDPHE will ask EPA to exclude two days at NREL



## Significance of 2017

## Progress

- "Clean data" year...
- Additional year to attain 75 ppb
- Ozone fell due to:
- Lower emissions
- Weather
- More emission reductions coming

## Work to Do

- barely
- Need clean datayears in 2018 and 2019, or may face "serious"reclassification
- Must attain 70 ppb standard next

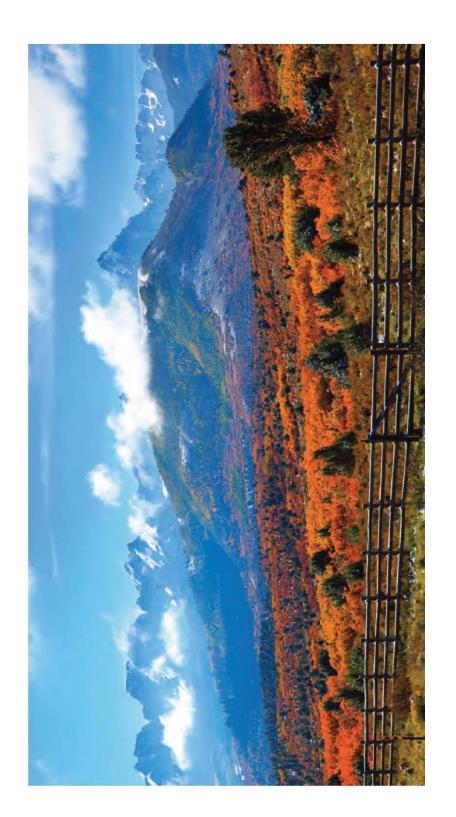


## Next Steps

- Proposed oil & gas rules
- More IR camera inspections
- Cut VOCs about 6,000 tpy
- Electric vehicle plan, VW, federal car standards
- Adopt major source RACT
- Paint/consumer
- products
- Fuels study
- Voluntary measures



## Questions?





## \*\*\* DRAFT DATA \*\*\*

2017 8-Hour Ozone (U

(Updated through September 30, 2017)

		1st Max 8-	Date	2nd Max	Date	3rd Max	Date	4th Max	Date	5th Max	Date
		Hour	1st Max	8-Hour	2nd Max	8-Hour	3rd Max	8-Hour	4th Max	8-Hour	5th Max
AQS Number	Site Name	(ddd)	8-Hour	(ddd)	8-Hour	(ddd)	8-Hour	(qdd)	8-Hour	(qdd)	8-Hour
08-001-3001	Welby	71	07/24	89	90//0	89	07/22	89	08/22	29	07/01
08-005-0002	Highland	92	90/20	92	01/07	23	07/22	72	02/08	71	07/20
9000-500-80	Aurora East	92	90/20	74	07/10	69	02/03	69	07/24	89	01/07
08-013-0014	Boulder Reservoir	78	08/04	74	07/14	74	07/23	73	02/02	73	07/27
08-019-0006	Mines Peak (non-regulatory)	82	04/22	80	04/23	71	06/04	20	07/24	20	09/04
08-031-0002	CAMP	69	09/04	89	07/22	29	07/01	29	09/02	99	02/02
08-031-0026	La Casa	69	07/22	69	09/02	69	09/04	89	07/27	99	07/23
08-035-0004	Chatfield State Park	78	20/20	92	02/02	22	07/20	74	90/20	74	02/08
08-041-0013	Colo. Spgs USAF Academy	73	04/09	70	09/04	69	06/59	69	02/02	69	07/21
08-041-0016	Manitou Springs	74	04/09	71	02/05	70	06/29	70	02/09	89	06/13
08-045-0012	Rifle - Health	64	04/22	61	06/03	09	06/12	29	05/13	28	04/10
08-059-0005	Welch	92	90/20	92	07/24	22	07/27	75	09/05	75	09/04
9000-650-80	Rocky Flats - N	78	09/04	77	07/23	9/	07/24	75	07/01	75	02/02
08-059-0011	NREL	81	07/27	78	07/24	<b>LL</b>	08/18	92	09/05	92	09/04
08-059-0013	Aspen Park	72	09/04	69	07/16	89	04/07	89	07/24	99	06/04
08-069-0011	Fort Collins - West	78	02/02	92	80/90	92	08/30	75	07/14	75	07/20
08-069-1004	Fort Collins - CSU	70	02/02	99	80/90	99	07/14	99	07/23	9	06/04
08-077-0020	Palisade - Water	89	06/03	29	04/22	99	06/12	64	06/30	64	07/01
08-081-0003	Elk Springs	9	20/60	64	07/23	64	09/04	63	06/03	61	01/30
9000-880-80	Cortez	62	04/22	62	07/01	19	05/14	61	05/15	09	05/12
08-085-0005	Paradox	63	80/90	63	06/12	62	04/27	61	06/24	09	05/31
08-123-0009	Greeley - Weld Tower	92	07/20	75	07/23	74	02/05	74	08/30	72	07/02
08-051-9991	EPA - Gothic CASTNET	82	04/22	99	05/23	99	06/24	9	04/23	9	04/27
08-067-1004	USFS – Shamrock (thru 6/30)	73	04/22	71	04/21	70	05/23	99	04/09	99	06/03
08-067-7001	SUIT - Ignacio	74	05/23	73	04/22	71	06/03	69	05/28	69	05/50
08-067-2003	SUIT - Bondad	72	05/23	72	06/03	71	04/22	69	04/21	69	05/50
2000-690-80	NPS - Rocky Mtn. NP	74	90/60	70	04/23	89	09/04	29	04/22	29	07/01
08-083-0101	NPS - Mesa Verde NP	72	04/22	29	06/24	99	04/20	99	04/23	99	06/03
08-093-0002	USFS/BLM - Fairplay	n/a									
08-103-0005	BLM - Meeker	63	60/90	61	04/22	09	05/13	59	04/13	58	90/60
08-103-0006	BLM - Rangely	69	06/03	99	01/30	64	07/23	64	08/16	63	06/04

NOTE: Values above the level of the 70 ppb 8-hour standard are highlighted in yellow, above the 75 ppb standard in orange.

NOTE: Data influenced by natural event values, if any, are included.

The 8-hour ozone standard is written such that attainment is met if the 3-year average of the 4<sup>th</sup> max. value from each of the 3 years is less than or equal to 70 ppb.

This table provides information on the 4th max. values for 2015 and 2016, the current 4<sup>th</sup> max. value for 2017, the current 3-year average, and the max. possible level for 2017 in order to remain in attainment of the ozone standard. Based on the current values, projected max. possible levels for 2018 are also included.

uum         4th Maximuum         4th Maximuum         4th Maximuum         4th Maximuum         4th Maximuum         Highest Allowable color of the c			2015	2016	2017 (thru 9/30)	2015 - 2017	2017	2018
Stie Name         4 viaAnnum B-Hour Average Welby         4 viaAnnum B-Hour Average B-Boulder Reservoir         4 viaAnnum Value (ppb)         4 viaAnnum B-Hour Average B-Boulder Reservoir         4 viaAnnum B-Hour Average B-Boulder Reservoir         4 viaAnnum B-Boulder Reservoir         4 viaDue (ppb) B-Boulder Reservoir         4 viaDue (ppb) B-Boulder Reservoir         4 viaDue (ppb) B-Boulder Reservoir         7 viaDue (ppb) B-Boulder Reservoir B-Boulder Reservoir B-Bould			tt.	ŧ.	th	O Vocación Accovic		
Site Name         Stee Name         Stee Name         8 Hour Average Nate (ppb)         Value (ppb)         Value (ppb)         Value (ppb)         Value (ppb)         Average			4 Maximum	4 Maximum	4 Maximum	J-theil Avelage	Highest Allowable	Hignest Allowable
Welby         69         66         68         67         77           Highland          72         72             Aurora Beak (non-regulatory)         69         65         70         68         78           Boulder Reservoir           73             CAMP         67         67         67         68         78           La Casa         7         69         68         72         78           Color La Casa         7         69         68         72         78           Color La Casa         7         70         69         68         72         78           Color La Casa         81         78         74         77         53         78           Color La Casa         65         60         59         62         84         84           Riffe - Health         81         83         76         88         73         62           Riffe - Health         77         73         75         75         75         75           Riffe - Health         77         73         75         75         74	# SO8	Site Name	8-Hour Average Value (ppb)	8-Hour Average Value (nob)	8-Hour Average Value (ppb)	4" Maximum Value (ppb)	4th Maximum 8-Hour Average Value (ppb)	4th Maximum 8-Hour Average Value (ppb)
Highland 72 72 78  Bouldror Bast 68 66 69 67 78  Bouldror Reservoir 73  Boulder Reservoir 73  Boulder Reservoir 73  Boulder Reservoir 73  CAMP 67 69 68 77  CAMP 67 70 68 77  Calo Spgs. USAF Academy 67 69 69 68 77  Calo Spgs. USAF Academy 67 69 69 69 62  Chaffleid State Park 77 79 75 75  Radious Springs 68 60 70 67  Radious Springs 75 75 62  Calo Spgs. USAF Academy 77 79 75  Radious Springs 75 75 62  Radious Springs 75 75 62  Radious Springs 75 75 62  Radious Springs 75 75 75 62  Radious Springs 75 75 75 62  Radious Springs 75 75 75 62  Fort Collins - West 75 75 75 64  Fort Collins - Cast 75 75 75 64  Far Cortex 65 69 69 69 70 66  Far Cortex 65 69 69 69 70  Far Cortex 65 69 69 69 70  Coreale - Water 73 67 67 68 67 70  Far Cortex 65 65 66 66 70  Baston 74 71 77 77  Coreale - Water 67 69 69 70  Baston 86 65 66 66 70  Cortex 64 61 61 61 77  Far Cortic Castruct 73 68 65 66 66 70  Sulf - Bondad 66 67 70 68 70  NPS - Measurock Huru 6730) 68 65 66 66 70  NPS - Measurock Huru 6730 68 65 66 66 88  NPS - Measurock Huru 6730 68 67 70  USFS - Shamock Huru 6730 68 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  NPS - Measurock Huru 6730 68 66 66 66 88  Radio Mark - Farigaty 67 68 66 66 68  BLM - Meater 64 59 60 69 69 69 69 69 69 69 69 69 69 69 69 69	08-001-3001	Welby	69	99	89	67	77	78
Aurora East         68         66         69         67         78           Boulder Reservoir           73             Mines Peak (non-regulatory)         69         67         70         68         75           CAMP         67         69         69         72         72           CLOIA Spis USAF Academy         67         69         69         72         75           Colo. Spgs USAF Academy         67         69         69         67         81         76           Colo. Spgs USAF Academy         67         69         69         67         81         76         76           Colo. Spgs USAF Academy         67         69         69         69         77         81         76         76         76         76         76         76         76         76         76         76         76         76         76         76         77         76         77         78         77         78         77         78         77         78         78         78         78         78         78         78         78         78         78         78         78 <td< th=""><th>08-005-0002</th><th>Highland</th><th></th><th>72</th><th>72</th><th>-</th><th>-</th><th>89</th></td<>	08-005-0002	Highland		72	72	-	-	89
Boulder Reservoir	9000-500-80	Aurora East	89	99	69	29	78	77
Mines Peak (non-regulationy)         69         65         70         68         78           CAMP         67         70         68         75         75           L La Casa         71         69         68         69         77           Colo. Spgs UsAF Kzademy         67         69         69         68         76           Colo. Spgs UsAF Kzademy         67         69         69         68         76           Rodich Shrings         65         60         59         62         84           Rodich Strings         77         79         75         62           Rocky Flats - N         77         79         62         62           Aspen Park         70         73         68         64         64         84           Fort Collins - West         75         76         73         62         87         61           Fill Springs	08-013-0014	Boulder Reservoir		-	73	-	:	!
CAMP         67         67         68         75         75           Chaffield State Park         81         78         74         77         52           Colo. Spgs USAF Academy         67         69         69         68         76         75           Mantiou Springs         65         66         70         67         81         76         76           Mantiou Springs         65         66         70         67         84         76         84         76         84         76         84         76         84         76         84         <	08-019-0006	Mines Peak (non-regulatory)	69	59	70	89	82	77
Clanciasa         71         69         68         69         72         72           Chatteld State Park         81         78         74         77         53           Colo, Spigs USAR Academy         67         66         70         67         81           Manitou Springs         65         66         70         67         81         76           Welch         75         75         75         75         82         82         84           Rock Flats - N         77         79         75         75         82         82         82         82           NREL         81         83         76         82         78         62         82         78         82	08-031-0002	CAMP	29	02	29	89	22	75
Colo. Sigs USAF Academy         81         78         74         77         53           Colo. Sigs USAF Academy         67         69         69         68         76         76           Redit. USAF Academy         65         66         70         67         81         76           Redit. USAF Academy         65         66         70         67         81         76           Redit. USAF Academy         68         60         75         75         81         81         81           Redit. USAF Academy         77         75         75         75         62         82	08-031-0026	La Casa	71	69	89	69	7.2	75
Colo Spgs USAF Academy         67         69         69         68         76         76           Manitou Springs         65         66         70         67         81         81           Neich         75         75         75         62         84         82           Neich         77         79         75         77         56         82           NREL         81         83         76         80         48         82         82           Aspen Park         70         73         68         68         73         69         69         70         69         73         69         73         69         73         69         73         69         73         69         73         69         73         69         73         69         73         69         73         69         73         69         69         73         69         69         73         69         69         73         69         69         73         69         73         69         73         69         73         69         74         74         74         74         74         74         74         74	08-035-0004	Chatfield State Park	81	28	74	22	53	09
Manitou Springs         65         66         70         67         81           Riffe - Health         68         60         59         62         84           Necky Elst- N         75         75         75         75         75           Rocky Elst- N         70         79         75         77         76         80         48           Aspen Park         70         73         68         70         69         78         69         69         73         69         69         73         69         69         73         69         69         73         69         69         73         69         69         73         69         69         73         69         69         73         69         69         73         69         69         69         73         69         69         69         69         69         69         69         69         69         69         69         69         73         69         69         69         73         69         69         69         73         69         69         69         73         69         69         73         74         74         74	08-041-0013	Colo. Spgs USAF Academy	29	69	69	89	92	74
Rifle Health         68         60         59         62         84           Welch         75         75         75         62           Rocky Flats - N         77         79         75         62           Rocky Flats - N         77         75         62         80           NREL         81         75         88         48         80           Aspen Park         70         73         68         70         69         69         70         69         69         73         69         69         73         69         69         73         69         69         73         72         61         69         60         72         72         61         62         63         64 <th< th=""><th>08-041-0016</th><th>Manitou Springs</th><th>9</th><th>99</th><th>70</th><th><b>29</b></th><th>81</th><th>92</th></th<>	08-041-0016	Manitou Springs	9	99	70	<b>29</b>	81	92
Welch         75         75         75         75         62           Rodky Flats - N         77         79         75         62           NREL         81         83         75         69         48           Aspen Park         70         73         69         70         69         73           Fort Collins - West         75         75         61         67         69         69         73         67           Fort Collins - West         75         63         64         64         84         73         67         73         74	08-045-0012	Rifle - Health	89	09	59	62	84	93
Rocky Flats - N         77         79         75         77         56           NREL         81         83         76         80         48           Aspen Park         70         73         68         70         69           Fort Collins - West         75         63         75         61         61           Fort Collins - CSU         69         70         66         88         73         61           Palisade - Water         65         63         64         64         64         64         87         87           Elk Springs          59         63         63         73         87         87           Cortez          64         61         62         87         87         87           Paradox          62         61         62         87         87         87           Cortez          62         61         74         71         72         82           EPA - Gothic CASTNET         68         65         65         65         65         74         82           SUIT - Binacio         66         65         69         69	08-029-0005	Welch	75	22	75	52	62	62
NREL         81         83         76         80         48         48           Aspen Park         70         73         68         70         69         69           Fort Collins - West         75         75         61         69         73         61           Fort Collins - CSU         69         63         64         64         84         73         67           Palsade - Water         65         63         64         64         64         84         73         67         74         73         74         74         74         72         74         72         74         72         74         72         74         72         74         72         74	9000-650-80	Rocky Flats - N	22	62	75	<b>LL</b>	99	58
Aspen Park         70         73         68         70         69           Fort Collins - West         75         76         75         61         69           Fort Collins - West         69         70         66         68         73         61           Fort Collins - CSU         69         63         64         64         84         73           Felk Springs          59         63               Filk Springs          61         64         61         62         87	08-059-0011	NREL	81	83	92	08	48	53
Fort Collins - West         75         76         75         75         61         77         61         77         75         61         62         63         64         68         73         67         73         74         73         74         73         74 <th>08-059-0013</th> <th>Aspen Park</th> <th>02</th> <th>23</th> <th>89</th> <th>02</th> <th>69</th> <th>71</th>	08-059-0013	Aspen Park	02	23	89	02	69	71
Fort Collins - CSU         69         70         66         68         73         73           Palisade - Water         65         63         64         64         84         74           Elk Springs          59         63              Cortez         61         64         61         62         87            Paradox          62         61           87            Greeley - Weld Tower         73         67         74         71         72 </th <th>08-069-0011</th> <th>Fort Collins - West</th> <th>75</th> <th>92</th> <th>75</th> <th>22</th> <th>61</th> <th>61</th>	08-069-0011	Fort Collins - West	75	92	75	22	61	61
Palisade - Water         65         63         64         64         84         84           Elk Springs          59         63                         87                  87 <t< th=""><th>08-069-1004</th><th>Fort Collins - CSU</th><th>69</th><th>02</th><th>99</th><th>89</th><th>23</th><th>92</th></t<>	08-069-1004	Fort Collins - CSU	69	02	99	89	23	92
Elk Springs          59         63                              87	08-077-0020	Palisade - Water	9	89	64	64	84	85
Cortez         61         64         61         62         87         87           Greeley - Weld Tower          62         61              Greeley - Weld Tower         73         67         74         71         72            EPA - Gothic CASTNET         68         62         65         65         82         82           USFS - Shamrock (thru 6/30)         68         71         69         66         79         73           USFS - Shamrock (thru 6/30)         68         71         69         66         73         73           USFS - Shamrock (thru 6/30)         68         71         69         69         73         74           VINT - Bondad         66         69         69         74         74         74           NPS - Rocky Mtn. NP         66         66         66         66         74         74           NPS - Mosa Verde NP         65         66         66         80         74         80           USFS/BLM - Fairplay         67         65         66         80         80         89           BLM - Meeker         64         61         64	08-081-0003	Elk Springs		65	63			06
Paradox          62         61 </th <th>9000-880-80</th> <th>Cortez</th> <th>61</th> <th>64</th> <th>61</th> <th>62</th> <th>28</th> <th>87</th>	9000-880-80	Cortez	61	64	61	62	28	87
Greeley - Weld Tower         73         67         74         71         72           EPA - Gothic CASTNET         68         62         65         65         82         82           USFS - Shamrock (thru 6/30)         68         65         66         72         69         66         79           SUIT - Bandad         66         72         69         69         74         74           NPS - Rocky Mtn. NP         69         69         67         68         74         74           NPS - Mesa Verde NP         66         66         66         66         80         74         74           USFS/BLM - Fairplay         67         65         66         66         80         80         74           BLM - Meeker         64         59         60         89         74         74           BLM - Rangely         67         65         66         66         80         66         80         74	08-082-0005	Paradox		62	61			88
EPA-Gothic CASTNET         68         62         65         65         82         82         82         82         82         82         82         82         83         82         83         73         82         73         73         73         73         73         73         73         73         74	08-123-0009	Greeley - Weld Tower	73	29	74	71	72	71
USFS – Shamrock (thru 6/30)         68         65         66         66         73         73           SUIT – Ignacio         68         71         69         69         74         74           NPS – Rocky Mtn. NP         69         69         67         68         74         74           NPS – Rocky Mtn. NP         66         66         66         80         74         74           NPS – Mesa Verde NP         66         66         66         80         80         74           USFS/BLM – Fairplay         67         65         11/a         80         74         74           BLM – Meeker         64         59         59         60         89         74           BLM – Rangely         66         61         64         63         85         74	08-051-9991	EPA - Gothic CASTNET	89	62	65	9	82	85
SUIT - Ignacio         68         71         69         69         73         74	08-067-1004	USFS – Shamrock (thru 6/30)	89	92	99	99	79	81
SUIT - Bondad         66         72         69         69         74         74           NPS - Rocky Mtn. NP         69         69         67         68         74         74           NPS - Mesa Verde NP         66         66         66         80         80         74           USFS/BLM - Fairplay         67         65         n/a          80         7           BLM - Meeker         64         59         60         89         7           BLM - Rangely         66         61         64         85         85	08-067-7001	SUIT - Ignacio	89	71	69	69	73	72
NPS - Rocky Mtn. NP         69         69         67         68         74         74           NPS - Mesa Verde NP         66         66         66         80         80           USFS/BLM - Fairplay         67         65         n/a          80            BLM - Meeker         64         59         60         89          89            BLM - Rangely         66         61         64         63         85	08-067-7003	SUIT - Bondad	99	72	69	69	7.4	71
NPS - Mesa Verde NP         66         66         66         66         80         80         4           USFS/BLM - Fairplay         67         65         n/a          80	2000-690-80	NPS - Rocky Mtn. NP	69	69	67	89	74	26
USFS/BLM - Fairplay         67         65         n/a          80           BLM - Meeker         64         59         60         89           BLM - Rangely         66         61         64         63         85	08-083-0101	NPS - Mesa Verde NP	99	99	99	99	80	80
BLM - Meeker         64         59         59         60         89           BLM - Rangely         66         61         64         63         85	08-093-0002	USFS/BLM - Fairplay	29	65	n/a		80	n/a
BLM - Rangely 66 61 64 63 85	08-103-0005	BLM - Meeker	64	59	59	09	88	94
	08-103-0006	BLM - Rangely	99	61	64	63	85	87

NOTE: Values above the 3-year average 4<sup>th</sup> maximum 8-hour standard of 70 ppb are highlighted in red, above the 75 ppb standard in orange.

NOTE: Data includes values that may be influenced by natural events.

## October 5, 2017 Director's Report Addendum

## 2017 CDOT Summit

- Planning Council and partners currently signed up for the October 23 CDOT
   Transportation Summit are: Julie Cozad, Sean Conway, Gerry Horak, Rob Casseday,
   Tom Donnelly, Barbara Koelzer, Kim Redd
- There are 2 seats remaining that will be filled with NFRMPO staff if Planning Council members do not fill the table

## Fix N I-25

- The N I-25 Coalition meeting scheduled for October 4 at Southwest Weld from 6:30 8:00pm was cancelled
- At the September 1 N I-25 Funding Subcommittee there was consensus to apply to INFRA for Segment 6 and not Segment 5
- The NFRMPO is still waiting for traffic analysis and confirmation of whether Segment 6 alone will compete
- The next N I-25 Funding Subcommittee meeting is scheduled for October 6 from 11:30 to 1:00 pm at Perkins at Crossroads

## VanGo™

- Petersen delivered the two remaining VanGo vans
- The VanGo<sup>™</sup> program is maintaining 90 percent occupancy with 6 vans having 7 registered riders, and 10 percent of vans with waiting lists
- VanGo has nearly completed the Toyota door recall fixes
- All Dodge recalls have been completed
- FTA accepted the VanGo National Transit Database (NTD) reporting on July 18. This reporting provides the capital funding to purchase vans
- The safety meeting was held on September 13 with 63 participants attending (a 10% increase compared to last year)
- CDOT made presentation on Park and Rides, Cone Zone Awareness, and I-25 Project updates
- The VanGo Coordinator met with the Vice President for Human Resources of Golden Aluminum to discuss starting up to two company paid vanpools between Greeley and Fort Lupton possibly growing to 100 employees

## NFRMPO Model Update

- The Request for Proposals for an update to the NFRMPO travel model was released on August 1
- The NFRMPO received two proposals on September 26
- The Model selection committee met October 4 and negotiations with the preferred consultant team will begin on October 6
- The Consultant team is expected to start in January 2018

## Land Use and Water Training

- The NFRMPO planning staff and Dawn Anderson from Evans, Kim Frick from Loveland, and Tom Parko from Weld attended a free two and a half day training (September 11-13) as a team learning to integrate land use and water resource planning sponsored by DOLA, the Sonoran Institute, Gates Foundation, Lincoln Land Institute and Keystone Policy Center
- Two NFRMPO staff will meet with the Fort Collins team on October 16
- The NFRMPO team will meet on October 26 to formulate a plan

## Front Range Rail

- Becky Karasko is the staff member for the NFRMPO on the FRR Commission
- The Front Range Rail/SW Chief Commission met on September 8 with the next meeting planned for October 5
- David Krutsinger, CDOT DTR will make a presentation on the Commission at the October Planning Council meeting

## **Mobility Committees**

- The Larimer County Senior Transportation Coalition will meet on October 5, the Larimer Mobility Committee will meet October 19 from 1:30 -3:00 pm at the NFRMPO office and Weld Mobility Committee will meet October 24 from 1:30-3:00 at the Greeley Chamber of Commerce and the next meeting will occur on October 24
- At the same time, the NFRMPO staff will have information on Air Quality and VanGo™
- The NFRMPO has communicated with 1,625 residents and visitors at Fort Collins Earth Day, Johnstown BBQ Day, Berthoud Day, FC Open Streets, Bike to Work Day, Eaton Day, LaSalle Days, Beef N Bean Day, Johnstown Senior Center, Severance Days, Corn Road Festival, Windsor Harvest Festival and Evans Heritage Day

Cor	mpleted Outreach	
Fort Collins Senior Advisory Board	Fort Collins	3/8/2017
Commission on Disabilities	Greeley	4/4/2017
Senior Advisory Board	Loveland	4/5/2017
Senior Transportation Coalition	Fort Collins	4/6/2017
Disabilities Advisory Commission	Loveland	4/10/2017
Arc of Weld County Com. Trans. Team	Greeley	4/12/2017
Commission on Disabilities	Fort Collins	4/13/2017
Transportation Advisory Board	Fort Collins	4/19/2017
Citizens Transportation Advisory Board	Greeley	4/24/2017
Fort Collins Earth Day	Fort Collins	4/22/2017
Johnstown BBQ Day	Johnstown	6/3/2017
Berthoud Day	Berthoud	6/3/2017
Fort Collins Open Streets	Fort Collins	6/4/2017
Bike to work Day	Fort Collins, Loveland & Greeley	6/28/ 2017
Eaton Days	Eaton	7/8/2017
LaSalle Days	LaSalle	7/15/2017
Beef N Bean Day	Milliken	8/12/2017
Johnstown Senior Center	Johnstown	8/16/2017
Severance Days	Severance	8/19/2017
Corn Roast Festival	Loveland	8/25-26/2017
Windsor Harvest Festival	Windsor	9/3-4/2017
Evans Heritage Day	Evans	9/16/2017

PI	anned Outreach	
Taste of Timnath	Timnath	10/7/2017

## FHWA Certification

• FHWA will provide the schedule for the NFRMPO Certification review at the October 11 CDOT/NFRMPO/FHWA/FTA Coordination meeting

## VW Proposed Partial Consent Decree

- Please send any comments on the Colorado Implementation Plan for the VW settlement to <u>cdphe.commentsapcd@state.co.us</u>.
- The deadline for comments is October 13, 2017
- For more information, https://www.colorado.gov/pacific/cdphe/VW
- An updated letter with comments was sent out on October 5
- The Update includes supporting Transfort's electrification of the CSU routes

## TAZ updates

- The NFRMPO met with Fort Collins on Monday September 18
- They will meeting with Estes Park and RMNP, Loveland, Mead, Wellington and Larimer County in October
- The NFRMPO staff will also meet with the transit leadership from Estes Park and RMNP

## NoCo Bike and Ped Collaborative

- The group discussed projects to use Non-motorized funds being returned to the NFRMPO at their September 13 meeting
- They plan to make a recommendation to TAC at their October 11 meeting

## Staff

- Christina will be offering two staff trainings in October
- "How to have influence" on October 9
- "Get Stuff Done" on October 10

## Travel Time collectors

- The MPO requested proposals to provide travel time collectors to cover the Regionally Significant Corridors as required by FHWA
- The responders were un able to meet the September 25 deadline for delivery
- The preferred supplier has agreed to extend pricing until March 31, 2018
- The project will need to be amended into the FY 2018 UPWP

## Bike/Pedestrian Counters

- The NFRMPO purchased three additional bicycle and pedestrian counters two permanent and one additional mobile for use in the region which arrived on September 25
- The Town of Windsor is currently using the non-motorized counters
- Weld County and Ella Romero 4-8 Campus are interested in pedestrian counts along E 20<sup>th</sup> and Cherry Streets. There is no pedestrian infrastructure along either street currently
- For more information on reserving the counters, contact Ryan Dusil at 970-224-6191 or by email <a href="mailto:rdusil@nfrmpo.org">rdusil@nfrmpo.org</a>

## Council/Board Presentations

• Please let me know if you would like me to make a presentation on MPO efforts underway to your board or council

## Planning Council

• Please let Renae know if you do not need a mailed packet to reduce paper

## NFRMPO Documents available electronically or as printed copies

- To assist with public outreach, staff has designed and printed the following documents:
- NFRMPO and VanGo™ Brochures
- o 2016 Annual Report
- o Updated 2040 RTP Brochure
- Mobility Postcards
- o NFRMPO Public Involvement

## Brochure

- o Mobility Rider's Guide
- o Spanish Mobility Rider's Guide
- Quarterly Newsletter
- o VanGo Dashboard

			7100								2010						
NFRMPO Tasks			/107		-			-			\$107 ·						-
	August	September	October	November	December	January	February	March	April	May	June	July	August	August September October November	October	November	December
Freight Northern Colorado Plan			Obtain Freight data from CDOT Consultant			Finalize Draft Document	TAC Review	P C Discussion TAC Recommends	Planning Council Approval								
UPWP		FHWA & FTA approval of UPWP CDOT approval of CPG contract	New UPWP takes effect		Complete FY2017 Year End Report & 2017 Annual Report	Initiate FY 2019 Budget Development	Midyear Review F Initiate Task updates	FY2019 Tasks to	Budget to Finance Committee TAC recommends Tasks approval Scope to CDPHE	Planning Council approval of FY2019 UPWP & FY2019 Budget	FY2019 UPWP and CPG & STP Scopes of o Work to CDOT	CDOT submittal of UPWP to FHWA		FHWA & FTA approval of UPWP CDOT approval of CPG contract			
Traffic Analysis Zone (TAZ) updates			Initiate AQ TAZs meetings outside MPO boundary														
2045 Regionally Significant Corridors				Evaluate and update Regionally Signicant Corridors	ste Regionally stridors			TAC review	TAC Discussion	PC Discuss P	PC approval						
2045 Socio-Economic Forecast		banSim testing and refine process working w DOLA	Continue UrbanSim testing and refine forecasting process working w DOLA	Initiate the NFRMPO area Population. Employment forecasts	Initiate the AQ area 2045 Population, Employment forecasts	Obtain Community input on forecasts	nity input on sts			Obtain C	Obtain Community buy-in for forecasts	y-in for fore	asts				
Coordinated Public Transit/Human Services Transportation Plan	Larimer and Weld M Committees (LCMC & WCMC) revie	Larimer and Weld Mobility Committees (LCMC & WCMC) review draft Plan	PC Plan Discussion LCMC/WCMC Review Plan review/ Recommend to	Presentation to TAC	Planning Council Approval of Plan												
2045 Regional Transit Element (RTE)			Initiate Data Collection	Plan Steering Committee meets			Plan Steering Committee		Draft Document		Plan Steering Committee	Refine	TAC Pe	PC Discussion TAC PC	PC Approval		
2045 Model Development	Draft RFP	Model Improvements Presentation to TAC	Consultant Selection		Consultant under Contract						Model Update	ate					
Public Outreach	Beef N Bean Day, Severance Days, Loveland Corn Roast Festival	Windsor Harvest Festival, Evans Heritage Day	Taste of Timnath			Identify Public Outreach opportunites for 2018					Publ Visioning	Public Outreach Visioning for RTE and RTP	КТР				



419 Canyon Avenue, Suite 300
Fort Collins, Colorado 80521
(970) 221-6243
(800) 332-0950 (VanGo)
FAX: (970) 416-2406
www.nfrmpo.org
www.VanGoVanpools.org

## MPO Planning Council

Mayor Kevin Ross- Chair Town of Eaton Commissioner Tom Donnelly- Vice Chair Larimer County Jennifer Baker Town of Berthoud Mayor John Morris City of Evans Mayor Pro-Tem Gerry Horak- Past Chair City of Fort Collins, Transfort Town of Garden City Robb Casseday City of Greeley Troy Mellon Town of Johnstown Paula Cochran Town of LaSalle Joan Shaffer City of Loveland Mayor Pro-Tem Linda Measner Town of Milliken Mayor Don Brookshire Town of Severance Aaron Pearson Town of Timnath Commissioner Sean Conway Weld County Mayor Kristie Melendez

Chris Colclasure CDPHE- Air Pollution Control Division Kathy Gilliland Transportation Commission

## MPO Staff

Town of Windsor

Terri Blackmore
Executive Director
Becky Karasko
Regional Transportation Planning
Director
Renae Steffen
Administrative Director
Crystal Hedberg
Finance and Operations Manager

October 5, 2017

Chris Colclasure
Colorado Department of Pubic Heath and Environment (CDPHE)
Air Pollution Control Division
4300 Cherry Creek S Drive
Denver, CO 80246

Re: Volkswagen Settlement Proposed Mitigation Plan

Dear Mr. Colclasure:

The North Front Range Transportation and Air Quality Planning Council (NFRT&AQPC) is supportive of the Colorado Department of Public Health and Environment's (CDPHE) efforts to bring the North Front Range and Denver Metro Area into compliance with the national Ozone standards.

The NFRT&AQPC would also like to thank CDPHE's proactive preparation of the Proposed Mitigation Plan. As noted at the Public Hearing held on September 18, your efforts have put the State of Colorado in a position to use the Settlement funding as soon as it becomes available.

As noted in the Settlement, the funding is to be used to reduce Nitrogen Oxides (NOx) in areas most impacted by the noncompliant VW vehicles and to reduce pollution in the areas where Environmental Justice (EJ) populations are concentrated. Many of the comments made at the Public Hearing were from EJ populations requesting relief from public bus pollution.

The NFRT&AQPC supports spending the Settlement funds on projects that will benefit the area where the majority of the polluting vehicles were located - along the Front Range. Additionally, the NFRT&AQPC supports concentrating the fueling infrastructure along the corridors identified as Alternative Fuel Corridors by the Colorado Department of Transportation (CDOT) and local communities in 2016.

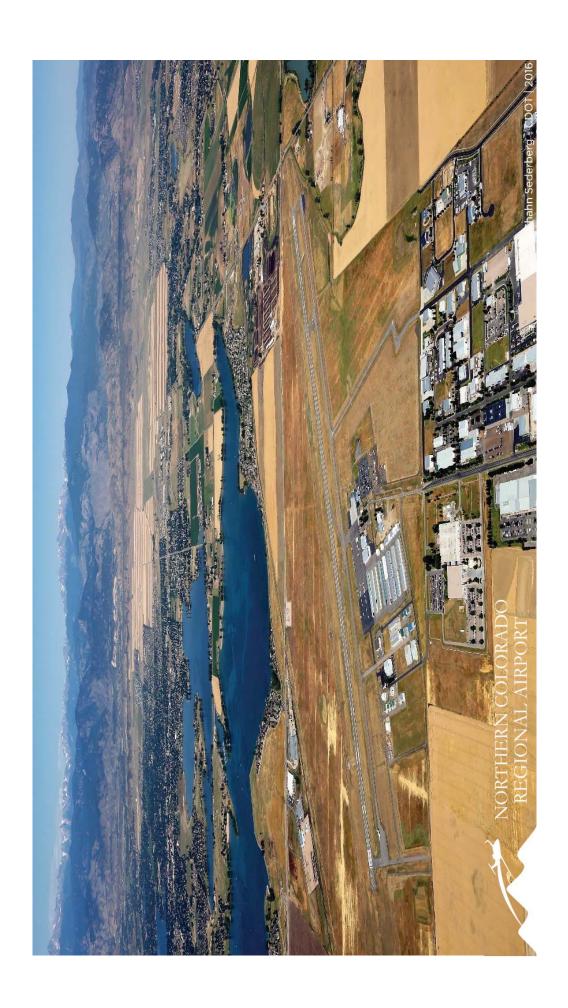
The transit agencies within the North Front Range all have buses within their fleets which are operating beyond their useful life. The NFRT&AQPC supports using 18 percent of the Settlement funds for transit. The NFRT&AQPC recommends CDOT take public comment on their process for allocating these transit funds. The NFRT&AQPC strongly recommends CDPHE track where projects awarded funding are located and to reallocate Settlement funds if the majority of the funds are not spent in Front Range communities.

The NFRT&AQPC supports electrification of transit vehicles in the Ozone Nonattainment Area to support efforts to meet the national Ozone Standards. Transfort, the City of Fort Collins transit provider, has submitted an application to the Federal Transit Administration (FTA) for electrification of the HORN route on the Colorado State University (CSU) campus, in partnership with CSU. Although, it was not awarded by FTA, Transfort is very interested in moving this project forward given the age (16 years) and pollution contribution by the current vehicles.

Lastly, given the fact that the Denver Metro and North Front Range are not in compliance with the national Ozone Standards for 2008 or 2015, the NFRT&AQPC recommends CDPHE and CDOT expedite the expenditure of the VW Settlement funds in the State.

Thank you for your consideration.

Kevin Ross, NFRT&AQPC Chair and Mayor of the Town of Eaton





Increasing Capacity and Reducing Risk Through Innovation **NFRMPO Meeting** 

October 5, 2017

## Airport Background

- Airport was constructed in 1963 through a federal grant program
- Ownership & support is a 50/50 split between Fort Collins & Loveland
- 1 of 12 commercially certified airports in Colorado
- Serves as a regional gateway for commerce and is part of the regional transportation system
- Is now the busiest airport in the state without an air traffic control tower, according to CDOT

## Problem: Capacity

- Area population growth results in higher demand for all modes of transportation
- Downtown Fort Collins Airport 2007 closure 126 aircraft displaced
- Greeley Airport is the only other public airport in Northern Colorado
- Aircraft diversity and traffic volume elevate the need for ATC at FNL
- Aircraft range from small single pilot aircraft to 200 passenger airliners
- Traffic volume is approximately 85,000 95,000 takeoffs & landings annually
- Activity growth coupled with a lack of local Air Traffic Control (ATC) increases operational risk
- Similar to a vehicle intersection requiring a stoplight
- A solution is needed to avoid creating a less than desirable risk for aircraft operators

## Solution: Air Traffic Control

## Traditional tower

- \$8 million estimated construction cost with O&M averaging \$200K annually
- Higher elevation and longer runway lengths increase cost associated with installing and operating a tower
- Towers in the past were funded through congressional earmarks
- Congressional earmarks were eliminated in 2011
- Front Range Airport East of Denver installed a tower in 2005 at a cost of \$7.2 million (building & equipment)



# Remote Air Traffic Control Tower = Innovation

- CDOT Division of Aeronautics has been innovative and is a leader in the nation on seeking and implementing enhancements to the Colorado aviation system
- Mountain Automated Weather Observation Systems
- Implementation to a radar supplementing tracking system for mountain airports
- Remote Air Traffic Control Tower (rTower)
- The rTower concept replaces a tall and costly structure with technology that can be optimized for airport layouts
- Lowers cost for capital infrastructure, operations, and maintenance
- Enhanced safety
- European Countries and Leesburg Airport in VA is testing similar systems using video only based technology
- Northern Colorado was selected to be part of the first FAA Remote Tower Project with the goal of being the first certified system to incorporate video and radar

# Remote Air Traffic Control Tower Partners







## SEARIDGE

TECHNOLOGIES



NORTHERN COLORADO REGIONAL AIRPORT

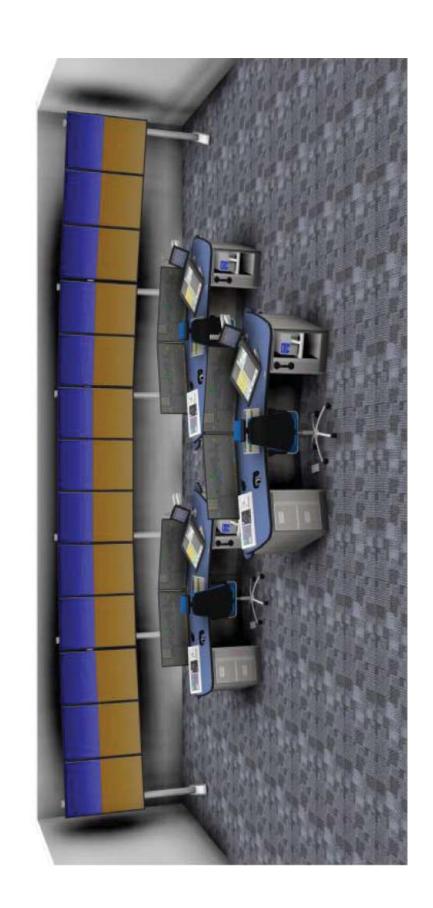
## Concept of Operation

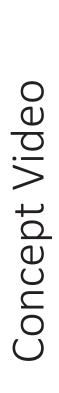
- In order to certify the Remote Tower System, it must satisfy all of the criteria that a traditional tower provides
- It is expected that the rTower will include enhanced capabilities that can easily be modified to allow for inclusion of more than just the basic technological need.
- Multiple location video feeds for enhanced surface condition monitoring
- Forward Looking Infra Red (FLIR) Future
- Automatic Dependent Surveillance Broadcast (ADS-B) Future
- This system will be installed onsite at the Airport for sake of simplicity during certification.
- Future rTower controller facilities can be located offsite.

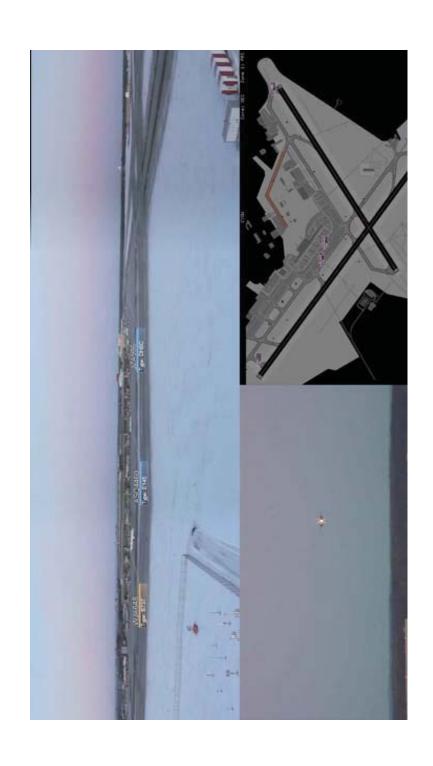
# Locations of Camera Mast Installations

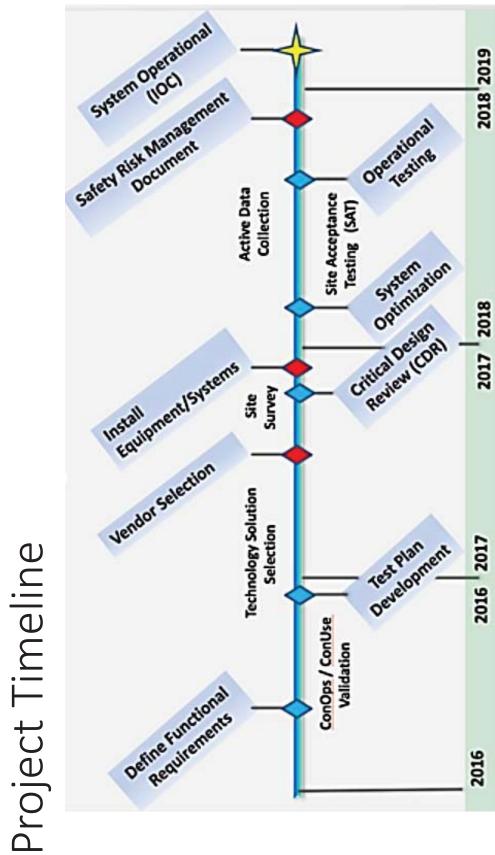


## Controller Interface











Q & A



## Colorado Road Usage Charge Pilot NFR MPO Council Meeting

October 5, 2017



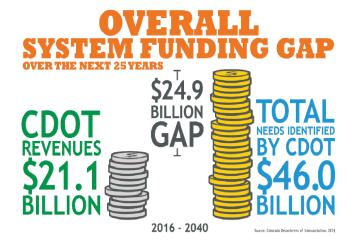
- Why is an alternative funding mechanism needed?
- What is a Road Usage Charge (RUC)?
- The Colorado Road Usage Charge Pilot

## Why is an alternative funding mechanism needed?



## **Funding Shortfall**

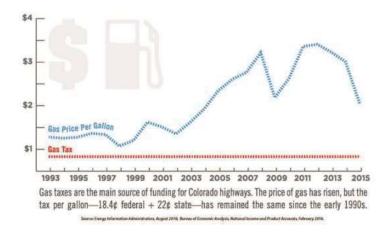
Estimated a gap of \$1 billion annually over the next 25 years





## **Unsustainable Gas Tax Model**

- Lack of gas tax increase
- Gas tax not indexed to inflation





## What's the Problem



**Increased Vehicle Fuel Efficiency** 



**Declining purchasing power** 

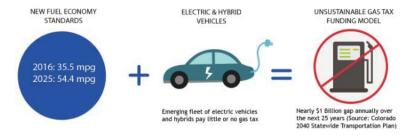


**Increasing Population** 

6



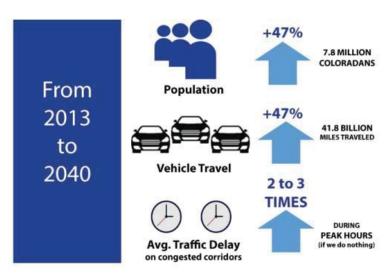
- Increased Vehicle Fuel Efficiency Standards
  - New vehicles in 2016 have an average fuel economy of 35.5 mpg
  - 2025 that standard increases to 54.4 mpg
- Emerging fleet of alternative fuel vehicles



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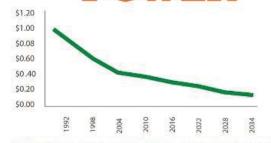
## **Increasing VMT Population**



Source: Colorado Department of Transportation and the Colorado Department of Local Affairs, December 201



## PURCHASING POWER



In 1992 one tax dollar collected would purchase one dollar of construction work. By 2034, that same dollar will likely purchase less than 20 cents of goods and labor.

Suppose Colonials Descriptional of Transportation, 2015

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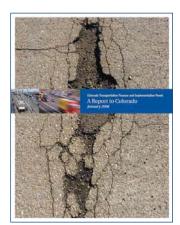
## **Declining Purchasing Power**

	Cost in 1991	Cost in 2016
Cost of a New Home	\$125,841	\$366,900
Cost of a New Car (average Size)	\$9,989	\$34,846
Cost of a Color Television	\$660	\$1,997
Cost of a Pound of Bacon	\$1.95	\$4.99
Cost of a Gallon of Milk	\$2.80	\$3.43
Colorado Gas Tax (per gallon)	\$.022	\$.022

\$1 in 2016 is worth approximately 56.5 percent less than it was in 1991



- Colorado Transportation Finance and Implementation Panel (2008)
- 39 Options Considered 5 Final
  - Highway and Bridge User Fee
  - Vehicle Rental Fee
  - Motor Fuel Tax Increase/Indexed
  - Sales and Use Tax Increase
  - Severance Tax increase
- Vehicle Miles Traveled (VMT) Fee
  - Otherwise known as Road Usage Charging (RUC)
  - Pilot VMT Program supported by Panel



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## What is a Road Usage Charge?



## A user charge based on miles traveled

- Cents per mile driven as opposed to the current excise tax on fuel consumed (cents per gallon)
- Treats roads like utilities (pay for what you use)
- Replaces the fuel tax

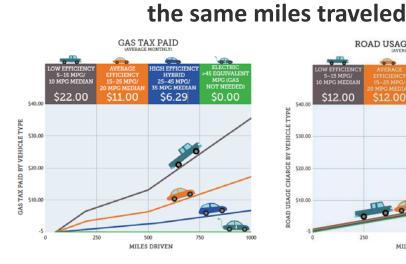
## Also called:

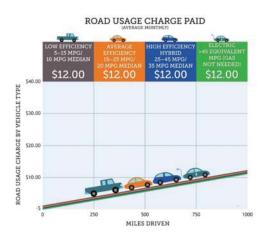
- Road Usage Fee (RUF)
- Mileage Based User Fee (MBUF)
- Vehicle Miles Traveled (VMT Fee)





All vehicles pay an equal amount for







## **Common Misconceptions about RUC**

## RUC is another tax charged by the government

- Merely changes the mechanism
- Restores equity that all users pay, instead of only gasoline or diesel vehicles

## Driver privacy is sacrificed

- User has a choice of multiple methods for mileage measurement
  - From basic mileage counting to advanced GPS devices to no technology
- Regardless of the option selected, privacy can be protected

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## The Colorado Road Usage Charge Pilot Program (RUCPP)

## Pilot Program Purpose

 Create a sandbox environment in which legislators, CDOT administrators, policymakers, can experience elements of an operational RUC



- Identify and evaluate potential issues related to implementation of a full system
- Test the feasibility and acceptability of various mileage reporting methods/technologies for Colorado
- Solicit feedback from pilot participants for future system design

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## **Mileage Reporting Options**

## Odometer Reading

 Participants who select this option will report their vehicle's odometer reading via the account management website or mobile app.



## Non-GPS-Enabled Mileage Reporting Device

 Participants who select this option will receive a device to plug into their vehicle's OBD-II port. This method uses a non-GPS device which counts distance traveled and gasoline consumed, but does not assess location.



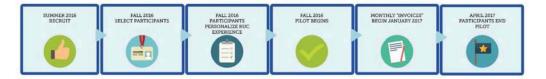
## GPS-Enabled Mileage Reporting Device

 Participants who select this option will receive a device to plug into their vehicle's OBD-II port. This method uses locationbased data to calculate total miles driven with differentiation between in-state and out-of-state roads.





- 4-Month Statewide Pilot (December 2016 April 2017)
- 100-participants consisting of transportation leaders, officials, media, and general public
- Geographic (Urban/Rural) and Vehicular (MPG) stratification
- Payments and associated revenues were simulated

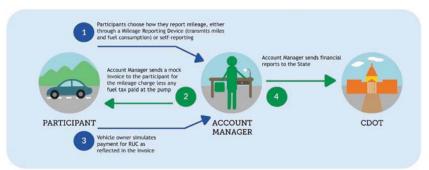


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## **Participant Activities during Pilot**

- Enroll in the Pilot
  - Choose Mileage Reporting Option
  - Create account/register vehicle with Account Manager
- Install Mileage Reporting Device (if applicable)
- Drive/Report Mileage
- Receive/Review invoices
- Submit "mock" payments (simulated for pilot)
- Complete surveys
- Closeout account/return



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## MRD Website/Mobile App



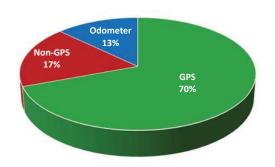


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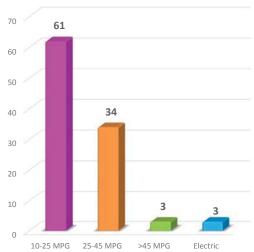
## Colorado Road Usage Charge Pilot Enrollment

## Selected Mileage Reporting Options



**GPS Option most popular** 

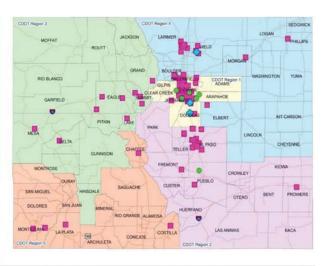
## **Vehicle Stratification**





- 100 Participants/101 vehicles enrolled (30 stakeholders/71 general public)
- Geographic Stratification (27 counties, urban/rural)
- Vehicular
   Stratification (Gas,
   Hybrids and
   Electrics)





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## **Issues Identified to Address**

- Improve Roadway Ownership Data
- Address OBD II Port Competition
- Include Multiple Fuel Types
- Examine Operations
  - Revenue Collection
  - Administrative Costs
- Identify Barriers to Public Acceptance
  - Urban/Rural Equity Perceptions
  - Data Privacy Concerns



- Continue to Progress Research
- Pilot with Farm Bureau for Agricultural Community
- Coordination with Other State Agencies on Next Level
  - Department of Revenue
  - Office of Information Technology
- Public and Stakeholder Focus Groups and Education
- White Papers on Issues
- Leverage RUC West on Regional or Industry Issues

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## **Questions/Open Discussion**





## North Front Range MPO Area - Project Status Updates (5 Oct 2017)

Roadway / Segment	<u>Status</u>
SH14	
US287 PR at Ted's Place	Construction is underway
Poudre Canyon Guardrail	Construction is underway
US287 to I-25 Surface Treatment	In Design
I-25	
Crossroads Blvd Interchange / Bridges	Construction is underway
Truck Climbing Lane	Construction is wrapping up
Design /Build	Proposals under review
Fort Collins North Cable Rail	In Design
Ramp Metering-	Project is complete
Harmony Rd SB	
SH392 NB/SB	
US34	
Big Thompson Canyon Flood Repair	Canyon is closed for Winter Construction
US34 Business in Greeley Surface Treatment	In Design
PEL Study	Progressing
SH60	
US287 to Milliken Resurfacing	Construction is underway
WCR 40 Intersection Improvements	In Design
SH257 PR (Milliken) – Little Thompson Structures	Awarded to contractor
US85	
Eaton to Ault- ADA ramps & Resurfacing	Construction is underway
US287	
SH1 to LaPorte Bypass	Construction is underway
Foothills Parkway Signal Upgrade	In design
SH392	
US85 Intersection	Construction is wrapping up mid-Oct 2017



## STAC Summary - September 22<sup>nd</sup>, 2017

- 1) Introductions & August Minutes Vince Rogalski (STAC Chair)
  - a) August 2017 STAC Minutes approved without changes.
- 2) Transportation Commission Report Vince Rogalski (STAC Chair)
  - a) Transportation Commission (TC)
    - i) Commissioners discussed potential PD 14 and TIGER grant project submissions.
    - ii) Discussion of Bustang Outrider program expansion.
- 3) TPR Reports STAC Representatives
- 4) **Federal and State Legislative Report** Herman Stockinger, Andy Karsian, & Ron Papsdorf (CDOT Office of Policy & Government Relations)
  - a) State
    - i) The TLRC discussed a number of large transportation projects across the state, including Central 70, some of which may be eligible for SB 267 funding.
    - ii) The Governor has called a special session to fix a drafting error in SB 267 that created unintended funding cuts for special districts, including RTD.
  - b) Federal
    - i) The President has nominated a new FHWA Administrator, Paul Trombino III of Iowa.
    - ii) Congress passed a continuing resolution to extend FY17 operations until December 8th.
    - iii) FAA authorization expires on September 30<sup>th</sup> unless extended by Congress.
- 5) **Central 70 Update** *Tony DeVito (CDOT Central 70 Project Manager)* 
  - a) Project overview: add one additional Express Lane in each direction, remove 53-year old viaduct, lower interstate, construct 4-acre park over the interstate, and restripe from I-25 to Brighton Blvd.
  - b) Two lawsuits currently underway by the Sierra Club and Kyle Zeppelin (local developer).
  - c) Kiewit-Meridiam Partners (KMP) selected as the project vendor.
  - d) Project budget of approximately \$1.2 billion:
    - i) \$850 million from Bridge Enterprise
    - ii) \$180 million from SB 228
    - iii) \$50 million DRCOG contribution
    - iv) \$37 million Denver contribution
  - e) Financial close anticipated in Winter 2017 with construction to start in Spring 2018.
  - f) <u>STAC Discussion</u>: Representatives expressed concern about the impact of the project on other Bridge Enterprise needs, inquired about the specific commitment for local neighborhood training and employment, and asked about preparations for potential detours during the construction period.
- 6) **Policy Directive 14 Update** *Jeff Sudmeier & William Johnson (CDOT Division of Transportation Development)* 
  - a) PD 14 establishes performance goals for CDOT and are assessed annually for progress and potential changes.
  - b) Safety challenges are continuing, in part due to growing VMT and in part based on increasing driver distraction.
  - c) Surface Treatment and Bridge Condition targets currently being met but longer-term trends indicate that system condition will decline in the future.
  - d) Areas in which CDOT is meeting current targets include: culverts, tunnels, and geohazards.
  - e) Areas in which CDOT isn't meeting current targets include: buildings, fleet vehicles, and walls.



- f) <u>STAC Discussion</u>: Representatives asked about potential solutions to the distracted driving issue and expressed concerns about the geographic equity of surface treatments and bridge repairs. Staff promised to return with additional data to facilitate that discussion in the future.
- 7) **INFRA, TIGER, and SB 267** Debra Perkins-Smith (CDOT Division of Transportation Development) and Herman Stockinger (CDOT Office of Policy & Government Relations)
  - a) Applications for TIGER are currently open (with \$500 million available nationwide) and due by October 16<sup>th</sup>.
    - i) Potential projects include: Amtrak Southwest Chief, SH 13 Reconstruction, and US 160 Towaoc Passing Lanes.
  - b) Applications for INFRA are currently open (with \$1.5 billion available nationwide) and due by November 2<sup>nd</sup>.
    - i) Potential projects include: I-25 Denver to Colorado Springs Connection, I-70 Westbound Peak Period Shoulder Lanes, I-25 North: SH 56 to SH 402, US 85: Centennial Highway Improvements, and CDOT Connected Vehicle Ecosystem.
  - c) Applications are strengthened by higher local match levels, so CDOT is interested in boosting that element wherever possible.
  - d) <u>STAC Discussion</u>: Representatives discussed the best way to select competitive projects and estimate costs, while also expressing concern about overcommitting the available SB 267 funds. Staff shared lessons learned from previous competitive grants.
- 8) STIP Lessons Learned Jamie Collins (CDOT Office of Financial Management & Budget)
  - a) Survey sent to 80 people from STAC, CDOT, and partner agencies in early June and 10 responded.
  - b) Key findings:
    - i) STIP should be easier to understand, provide more project detail, and be more easily searchable. Communication is critical, particularly around funding constraints, data-driven project selection, and transportation terminology.
  - c) STAC Discussion: No comments.
- 9) Other Business Vince Rogalski (STAC Chair)
  - a) The next STAC Meeting will be held on October 27<sup>th</sup> at CDOT Headquarters in Denver.
- 10) STAC Adjourns