



Working together to plan for the future

**INTERAGENCY CONSULTATION COMMITTEE (ICC)
May 26, 2016 - 9:00 AM
COMPASS, 700 NE 2nd Street, 2nd Floor Large Conference Room
Meridian, Idaho**

**** AGENDA ****

I. CALL TO ORDER (9:00)

II. AGENDA ADDITIONS/CHANGES

III. OPEN DISCUSSION/ANNOUNCEMENTS

IV. CONSENT AGENDA

Page 2 ***A. Approve June 16, 2015, Meeting Notes**

V. INFORMATION/DISCUSSION ITEMS

9:05 ***A. Review the Regional Emissions Analysis Modeling Assumptions for the Draft FY2017-2021 Regional Transportation Improvement Program**
Page 4

**MaryAnn
Waldinger**

9:25 ***B. Review the Project List for the Draft FY2017-2021 Regional Transportation Improvement Program**
Page 6

**MaryAnn
Waldinger**

9:45 ***C. Update on Project-Level Conformity Assumptions for Two Projects**
Page 23

**MaryAnn
Waldinger**

10:10 D. Agency Updates

ICC members are welcome to provide updates and share information on items pertaining to air quality.

VI. OTHER

A. Next Meeting: July 12, 2016 at 9:00 AM

VII. ADJOURNMENT (10:30)

***Enclosures will be sent 14-days in advance of the meeting. Times are approximate. Agenda is subject to change.**

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**INTERAGENCY CONSULTATION COMMITTEE
JUNE 16, 2015
COMMUNITY PLANNING ASSOCIATION**

**** MEETING MINUTES ****

ATTENDEES: Beth Baird, City of Boise
Jen Cole, Idaho Department of Environmental Quality, **Chair**
Scott Frey, Federal Highway Administration, Ex-officio
Ryan Head, Ada County Highway District
Tod Morris for Rhonda Jalbert, Valley Regional Transit
Nicole Stern for Maureen Gresham, ACHD Commuteride
Greg Vitley, Idaho Transportation Department–District 3
MaryAnn Waldinger, COMPASS

OTHERS PRESENT: Nancy Brecks, COMPASS
Tina Fuller, COMPASS

CALL TO ORDER:

Chair Jen Cole called the meeting to order at 9:00 a.m.

AGENDA ADDITIONS/CHANGES

None.

OPEN DISCUSSION/ANNOUNCEMENTS/INTRODUCTIONS

None.

CONSENT AGENDA

A. Approve April 24, 2015, Meeting Notes

Beth Baird moved and MaryAnn Waldinger seconded approval of the Consent Agenda as presented. Motion passed unanimously.

ACTION ITEM

A. Approve the Regional Emissions Analysis Modeling Assumptions for the Draft FY2016-2020 Regional Transportation Improvement Program

MaryAnn requested approval of the Regional Emissions Analysis Modeling Assumptions for the Draft FY2016-2020 Regional Transportation Improvement Program.

After discussion, **Ryan Head moved and Greg Vitley seconded approval of the Regional Emissions Analysis Modeling Assumptions for the Draft FY2016-2020 Regional Transportation Improvement Program as presented. Motion passed unanimously.**

B. Approve the Project List for the Draft FY2016-2020 Regional Transportation Improvement Program

MaryAnn requested approval of the project list for the Draft FY2016-2020 Regional Transportation Improvement Program.

After discussion, **Ryan Head moved and Jen Cole seconded approval of the project list for the Draft FY2016-2020 Regional Transportation Improvement Program as presented. Motion passed unanimously.**

INFORMATION/DISCUSSION ITEM

A. Agency Updates

Jen Cole provided an update on the upcoming new Ozone standard.

OTHER

Next Meeting: TBD

ADJOURNMENT

Meeting adjourned at 9:30 a.m.

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INTERAGENCY CONSULTATION COMMITTEE ITEM V-A

Date: May 26, 2016

Topic: Review the Regional Emissions Analysis Modeling Assumptions for the Draft FY2017-2021 Regional Transportation Improvement Program (TIP)

Request/Recommendation:

COMPASS staff seeks review of the Regional Emissions Analysis Modeling Assumptions for use in the air quality conformity demonstration of the Draft FY2017-2021 TIP.

Background/Summary:

The Interagency Consultation Committee is required to review and approve the assumptions and emissions estimation methodologies used in regional emissions analyses. The assumptions provided in Attachment 1 reflect updates for MOVES2014 and are based on the completion of the 2014 National Emissions Inventory project. These analyses are conducted for transportation conformity purposes per state and federal regulations. Any northern Ada County Transportation Improvement Program or long-range transportation plan must demonstrate conformity to the motor vehicle emissions budgets for particulate matter 10 microns or less in diameter (PM_{10}), nitrogen oxides (NO_x), and volatile organic compounds (VOCs) established in the *Northern Ada County PM₁₀ State Implementation Plan, Maintenance Plan: Ten-Year Update*. A regional emissions analysis is not federally required for carbon monoxide (CO). However, *Northern Ada County Air Quality Maintenance Area Second 10-Year Carbon Monoxide Limited Maintenance Plan* requires COMPASS conduct a build/no build emissions analysis for local planning purposes.

Budget tests will be performed for:

- 2017: Base year of the draft FY2017-FY2021 TIP
- 2021: Last year of the TIP
- 2030: Intermediate analysis year, as there can be no more than 10 years between analysis years
- 2040: Horizon year for the regional long-range transportation plan (*Communities in Motion 2040*)

More Information

- 1) Attachment 1
- 2) For detailed information contact: MaryAnn Waldinger, Principal Planner @compassidaho.org

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Draft Regional Emission Analysis Modeling Assumptions

Source type population and fleet age distribution:

DEQ decoded individual Idaho Department of Motor Vehicles (DMV) registration records of vehicles registered in the Treasure Valley using the Polk vehicle identification number (VIN) decoding system. The decoded VINs provide information regarding the vehicle make, model, age, and fuel types. This information was then used to develop the MOVES input.

Inspection Maintenance Program – June 1, 2010 - future

Ada County:

- 1) Two speed test (idle and 2500 RPM) for pre 1996 vehicles only.
- 2) Exhaust OBD check for 1996 and newer vehicles.
- 3) Evaporative system OBD check for 1996 and newer vehicles.
- 4) Compliance rate = 98.0%.
- 5) Waiver rate = 1.0%
- 6) Four-year grace period for new vehicles
- 7) Biennial testing – effective January 1, 2010.

Canyon County:

- 1) Two speed test (idle and 2500 RPM) for pre 1996 vehicles only.
- 2) Evaporative gas cap check for 1996 and newer vehicles.
- 3) Exhaust OBD check for 1996 and newer vehicles.
- 4) Evaporative system OBD check for 1996 and newer vehicles.
- 5) Compliance rate = 98.0%.
- 6) Waiver rate = 1.0%
- 7) Five-year grace period for new vehicles
- 8) Biennial testing – effective January 1, 2010.

Meteorology

The meteorology input compiles the average hourly temperature and relative humidity data for each county. Base- and future-year inventories were modeled using average hourly temperature and relative humidity data by county for each month from a representative weather station for each county. Ada County is represented by the National Weather Service station at the Boise Air Terminal and Canyon County is represented by the data set from the Caldwell Industrial Airport.

Fuel-Related Inputs

Alternative Vehicle Fuels and Technology (AVFT): Ada and Canyon Counties were modeled using a custom AVFT input file derived from VIN-decoded registration data. The same AVFT input was used for base and future years.

Fuel Supply: National default fuel supply inputs were used for all source types except transit buses. A large portion of the transit bus fleet in the Treasure Valley operates on compressed natural gas (CNG). For this reason, CNG fuels were included in base- and future-year modeling.

Fuel Formulation: With the exception of 10% ethanol in gasoline (E10), MOVES national default fuel formulations were used as base-year inputs for each county. These default values were judged to be reasonable based on local knowledge, except for the E10 market share. The base-year E10 market share was updated with information provided by fuel suppliers.

Average Speed Distribution

The average speed distribution allocates the different source types (vehicles) for each roadway type to 16 speed bins ranging from 0 to >75 miles per hour. Average speed distributions were developed from the regional travel demand model average daily estimates or forecasts for each roadway segment and hourly traffic count statistics developed from detailed automatic traffic recorder (ATR) traffic count data provided by Idaho Transportation Department (ITD).

The hourly ATR-based traffic count profiles for each roadway type were used to estimate hourly volume on each segment and the modified Bureau of Public Roadways volume/capacity curve was used to develop the average speed distribution database for each hour.

$$\text{Hourly Vehicle Speed} = \text{Free Flow Speed} * \left(1 + A * \left(\frac{\text{Volume}}{\text{Capacity}} \right)^B \right)$$

Where A and B are local coefficients used in the regional travel demand model as provided by COMPASS.

Base- and future-year average speed distributions were developed for all four MOVES road types using travel demand model base and future-year outputs developed by COMPASS for the Treasure Valley and detailed ATR data provided by ITD.



INTERAGENCY CONSULTATION COMMITTEE ITEM V-B

DATE: May 26, 2016

Topic: Review the Project List for the Draft FY2017-2021 Regional Transportation Improvement Program (TIP)

Request/Recommendation:

COMPASS staff seeks review of the project list for use in the air quality conformity demonstration of the draft FY2017-2021 Regional TIP.

Background/Summary:

The Interagency Consultation Committee (ICC) is required to review and approve the assumptions and emissions estimation methodologies used in regional emissions analyses per 40CFR93 and IDAPA 58.01.01.563. The TIP, inclusive of northern Ada County and the long-range transportation plan, must demonstrate conformity to the motor vehicle emissions budgets established in the *Northern Ada County PM₁₀ State Implementation Plan, Maintenance Plan: Ten-Year Update*.

COMPASS staff prepared the draft list of projects to make up the “build” travel demand model networks for use in the draft FY2017-2021 TIP conformity demonstration for northern Ada County (Attachment 1). The model networks are based on the most up to date information available, and include programmed and planned funded projects listed in the following reports:

- Ada County Highway District’s draft 2016 Capital Improvement Plan (CIP), as of May 11, 2016
 - ACHD staff continues to work on the financial balancing portion of the CIP which may impact the timing of some long-range projects.
- ACHD’s FY2016-2020 Integrated Five-Year Work Program
- Draft FY2017-FY2021 Idaho Transportation Investment Program
- Draft FY2017-FY2021 Regional Transportation Improvement Program
- [CIM 2040 \(table 6.3, pages 103 to 107\)](#) adopted July 2014

COMPASS staff is using the draft 2016 CIP to develop the project list for conformity. Projects listed on Page 14 of Attachment 1 are funded in CIM 2040; however, not included in ACHD’s draft 2016 CIP. COMPASS staff requests ICC discuss whether or not to include these projects in the build networks for conformity.

Note: A regional emissions analysis is not federally required for carbon monoxide (CO). However, *Northern Ada County Air Quality Maintenance Area Second 10-Year Carbon Monoxide Limited Maintenance Plan* requires COMPASS to conduct a build/no build emissions analysis for local planning purposes. The same “build” networks are used to estimate the motor vehicle emission estimates for the budget and CO-build analyses.

More Information

- 1) Attachment 1
- 2) For detailed information contact: MaryAnn Waldinger, Principal Planner
mwaldinger@compassidaho.org

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draft FY2017-2021 Regional Transportation Improvement Program
Regional Emissions Analysis Model Networks
As of May 11, 2016

Current Network

The following table lists the transportation projects recently completed or under construction. Projects under construction are expected to be open to the motoring public by December 31, 2016.

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
1.	Broadway Bridge Replacement	Front St. to University Dr.	6	ITIP/ CIM 2040	11588	Yes	Yes	Under Construction
2.	Five Mile Rd.	Fairview Ave. - Ustick Rd.	5	IFYWP	RD195a/	No	No	Under construction
3.	Cloverdale Rd.	Franklin Rd. to Fairview Ave.	5	IFYWP, draft 2016 CIP	RD202-14, RD2016-25	No	No	Under Construction Oct 2016
4.	Executive Dr.	Parkdale Ave. to President Dr.	5	IFYWP, draft 2016 CIP	IN212-07, RD2016-40	No	No	Under Construction Oct 2016

2017 Network

The 2017 network uses 2017 demographics and includes the construction year networks for 2016 plus the following list of projects assumed to be complete and open to the motoring public by December 31, 2017. The network is built for use in the CO build/no build emissions analysis for local planning purposes.

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
5.	State Hwy 55 (Eagle Rd.)	Northbound Franklin Rd. to Fairview Ave.	3	ITIP	13349 / 13473	Yes	Yes	2017
6.	Emerald St. / Americana Ave. southbound	Orchard St – Latah St (removing 2 travel lanes) and Latah St to Ann Morrison Park Entrance (removing 1 southbound travel lane)	-2	IFYWP	CM212-08	No	No	2017 (travel lane reductions to provide for pedestrian facilities)
7.	Franklin Rd.	Black Cat Rd. to Ten Mile Rd.	5	ITIP, IFYWP, draft 2016 CIP	12368, RC0152, RD2016-59	Yes	Yes	2017
8.	Ustick Rd.	Linder Rd. to Meridian Rd.	5	IFYWP, draft 2016 CIP	RD202-35, RD2016-128	Yes	Yes	2017
9.	Ustick Rd.	Meridian Rd. to Locust Grove Rd.	5	IFYWP, draft 2016 CIP	RD202-37, RD2016-129	Yes	Yes	2017

2021 Network

The 2021 network uses 2021 demographics and includes the construction year networks for 2016 and 2017 and the following list of projects.

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
10.	Cloverdale Rd.	Fairview Ave. to Ustick Rd.	5	IFYWP, draft 2016 CIP	RC0087, RD2016-26	No	No	2018
11.	Cloverdale Rd.	Ustick Rd. to McMillan Rd.	5	IFYWP, draft 2016 CIP	RC0092, RD2016-27	No	No	2019
12.	Cloverdale Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	5	IFYWP, draft 2016 CIP	RD207-13, RD2016-28	No	No	2020
13.	Cole Rd.	I-84/Overland Rd. to Franklin Rd.	5	IFYWP, draft 2016 CIP	RD2017-16, RD2016-30	Yes	Yes	2019
14.	State Hwy 55 (Eagle Rd.)	Southbound River Valley Rd. to Franklin Rd.	3	ITIP	13349 / 13473	Yes	Yes	2018
15.	Lake Hazel Rd.	Maple Grove Rd. to Cole Rd.	5	draft 2016 CIP, CIM 2040	RD2016-71	Yes	Yes	2016-2020
16.	Lake Hazel Rd.	Cole Rd. to Orchard Ext W	5	draft 2016 CIP, CIM 2040	RD2016-72	Yes	Yes	2016-2020
17.	Maple Grove Rd.	Victory Rd. to Overland Rd.	5	IFYWP, draft 2016 CIP	RD207-22, RD2016-91	No	No	2020
18.	Meridian Rd.	Cherry/Fairview Ave. to Ustick Rd.	5	IFYWP, draft 2016 CIP	RD207-23, RD2016-102	No	No	2020
19.	Orchard Ext.	Orchard Ext W to Gowen Rd.	5	draft 2016 CIP	RD2016-106	No	No	2016-2020
20.	Orchard Ext. W.	Lake Hazel Ext. to Orchard Ext	5	draft 2016 CIP	RD2016-105	No	No	2016-2020
21.	Pine Ave.	Meridian Rd. to Locust Grove Rd.	3	IFYWP, draft 2016 CIP	RD208-01, RD2016-115	No	No	2018

2030 Network

The 2030 network uses 2030 demographics and includes the construction year networks for current, 2017, 2021 and the following list of projects.

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
22.	Airport Rd./ Overland Rd. Ext.	McDermott Rd. to Black Cat Rd.	2	draft 2016 CIP	RD2016-5	No	No	2026-2030
23.	Amity Rd.	State Hwy 69 (Meridian Rd.) to Locust Grove Rd.	5	draft 2016 CIP	RD2016-2	No	No	2026-2030
24.	Amity Rd.	Locust Grove Rd. to Eagle Rd.	5	draft 2016 CIP	RD2016-3	No	No	2026-2030
25.	Amity Rd.	Eagle Rd. to Cloverdale Rd.	3	draft 2016 CIP	RD2016-4	No	No	2026-2030
26.	Black Cat Rd.	Franklin Rd. to Cherry Ln.	5	draft 2016 CIP	RD2016-13	No	No	2021-2025
27.	Black Cat Rd.	Cherry Ln. to Ustick Rd.	5	draft 2016 CIP	RD2016-14	No	No	2021-2025
28.	Black Cat Rd.	Ustick Rd. to McMillan Rd.	5	draft 2016 CIP	RD2016-15	No	No	2021-2025
29.	Black Cat Rd.	Overland Rd. to Franklin Rd.	3	draft 2016 CIP	RD2016-12	No	No	2026-2030
30.	Black Cat Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	3	draft 2016 CIP	RD2016-16	No	No	2026-2030
31.	Cloverdale Rd.	Lake Hazel Rd. to Amity Rd.	5	IFYWP, draft 2016 CIP	RD207-09, RD2016-21	No	No	2021-2025
32.	Cloverdale Rd.	Amity Rd. to Victory Rd.	5	draft 2016 CIP	RD2016-22	No	No	2021-2025
33.	Cloverdale Rd.	Victory Rd. to Overland Rd.	5	draft 2016 CIP	RD2016-23	No	No	2021-2025
34.	Cloverdale Rd.	Columbia Rd. to Lake Hazel Rd.	5	draft 2016 CIP	RD2016-20	No	No	2026-2030
35.	Cole Rd.	Amity Rd. to Victory Rd.	5	draft 2016 CIP	RD2016-29	Yes	Yes	2021-2025
36.	Deer Flat Rd.	Linder Rd. to State Hwy 69 (Meridian Rd.)	5	draft 2016 CIP	RD2016-31	No	No	2026-2030

2030 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
37.	Eagle Rd.	Lake Hazel Rd. to Amity Rd.	5	draft 2016 CIP, CIM 2040	RD2016-32	Yes	Yes	2021-2025
38.	Eagle Rd.	Amity Rd. to Victory Rd.	5	IFYWP, draft 2016 CIP, CIM 2040	RD207-33, RD2016-33	Yes	Yes	2021-2025
39.	Eisenman Rd.	Lake Hazel Rd. Ext. to Gowen Rd.	3	draft 2016 CIP, CIM 2040	RD2016-35	No	No	2026-2030
40.	Emerald St.	Five Mile Rd. to Maple Grove Rd.	5	draft 2016 CIP	RD2016-36	No	No	2021-2025
41.	Emerald St.	Maple Grove Rd. to Cole Rd.	5	draft 2016 CIP	RD2016-37	No	No	2021-2025
42.	Emerald St.	Cole Rd. to Curtis Rd.	5	draft 2016 CIP	RD2016-38	No	No	2026-2030
43.	Executive Dr.	Cloverdale Rd. to Five Mile Rd.	5	draft 2016 CIP	RD2016-41	No	No	2026-2030
44.	Fairview Ave.	Five Mile Rd. to Maple Grove Rd.	7	draft 2016 CIP, CIM 2040	RD2016-46	Yes	Yes	2021-2025
45.	Fairview Ave.	Meridian Rd to Locust Grove Rd.	7	draft 2016 CIP, CIM 2040	RD2016-42	Yes	Yes	2026-2030
46.	Fairview Ave.	Locust Grove Rd. to State Hwy 55 (Eagle Rd.)	7	draft 2016 CIP, CIM 2040	RD2016-43	Yes	Yes	2026-2030
47.	Fairview Ave.	State Hwy 55 (Eagle Rd.) to Cloverdale Rd.	7	draft 2016 CIP, CIM 2040	RD2016-44	Yes	Yes	2026-2030
48.	Fairview Ave.	Maple Grove Rd. to Cole Rd.	7	draft 2016 CIP, CIM 2040	RD2016-47	Yes	Yes	2026-2030
49.	Fairview Ave.	Cole Rd. to Curtis Rd.	7	draft 2016 CIP, CIM 2040	RD2016-48	Yes	Yes	2026-2030

2030 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
50.	Five Mile Rd.	Lake Hazel Rd. to Amity Rd.	5	IFYWP, draft 2016 CIP	RD215-07, RD2016-49	No	No	2021-2025
51.	Five Mile Rd.	Amity Rd. to Victory Rd.	5	draft 2016 CIP	RD2016-50	No	No	2021-2025
52.	Five Mile Rd.	Overland Rd. to Franklin Rd.	5	draft 2016 CIP	RD2016-51	No	No	2021-2025
53.	Floating Feather Rd.	Palmer Ln. to Linder Rd.	3	draft 2016 CIP	RD2016-56	No	No	2026-2030
54.	Floating Feather Rd.	Linder Rd. to Park St.	3	draft 2016 CIP	RD2016-57	No	No	2026-2030
55.	Floating Feather Rd.	Park Ln. to Ballantyne Rd.	3	draft 2016 CIP	RD2016-58	No	No	2026-2030
56.	Floating Feather Rd. Realignment	Plummer Ln. to State Hwy 16 (Emmett Hwy)	3	draft 2016 CIP	RD2016-54	No	No	2026-2030
57.	Floating Feather Rd. Realignment	State Hwy 16 (Emmett Hwy) to Palmer Ln.	3	draft 2016 CIP	RD2016-55	No	No	2026-2030
58.	Hill Rd./ Hill Road Pkwy	Horseshoe Bend Rd to Duncan Ln	5	draft 2016 CIP	RD2016-61	No	No	2021-2025
59.	Hill Rd./ Hill Road Pkwy	Duncan Ln to Seaman Gulch Rd	5	draft 2016 CIP	RD2016-62	No	No	2021-2025
60.	Lake Hazel Rd.	Eagle Rd. to Cloverdale Rd.	3	draft 2016 CIP, CIM 2040	RD2016-68	Yes	Yes	2021-2025
61.	Lake Hazel Rd.	Cloverdale Rd. to Five Mile Rd.	5	draft 2016 CIP, CIM 2040	RD2016-69	Yes	Yes	2021-2025
62.	Lake Hazel Rd.	Five Mile Rd. to Maple Grove Rd.	5	draft 2016 CIP, CIM 2040	RD2016-70	Yes	Yes	2021-2025
63.	Lake Hazel Rd.	Black Cat Rd. to Ten Mile Rd.	3	draft 2016 CIP	RD2016-63	Yes	Yes	2026-2030
64.	Lake Hazel Rd.	Ten Mile Rd. to Linder Rd.	3	draft 2016 CIP	RD2016-64	Yes	Yes	2026-2030

2030 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
65.	Lake Hazel Rd.	Linder Rd. to State Hwy 69 (Meridian Rd.)	3	draft 2016 CIP, CIM 2040	RD2016-65	Yes	Yes	2026-2030
66.	Lake Hazel Rd.	State Hwy 69 (Meridian Rd.) to Locust Grove Rd.	3	draft 2016 CIP, CIM 2040	RD2016-66	Yes	Yes	2026-2030
67.	Lake Hazel Rd.	State Hwy 69 (Meridian Rd.) to Locust Grove Rd.	3	draft 2016 CIP	RD2016-67	Yes	Yes	2026-2030
68.	Linder Rd.	Victory Rd. to Overland Rd.	5	draft 2016 CIP	RD2016-76	No	No	2021-2025
69.	Linder Rd.	Ustick Rd. to McMillan Rd.	5	draft 2016 CIP, CIM 2040	RD2016-80	Yes	Yes	2021-2025
70.	Linder Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	5	draft 2016 CIP, CIM 2040	RD2016-81	Yes	Yes	2021-2025
71.	Linder Rd.	US Hwy 20/26 (Chinden Blvd.) to State Hwy 44 (State St.)	7	draft 2016 CIP, CIM 2040	RD2016-82	Yes	Yes	2021-2025
72.	Linder Rd.	State Hwy 44 (State St.) to Floating Feather Rd.	5	draft 2016 CIP	RD2016-83	No	No	2026-2030
73.	Locust Grove Rd.	Victory Rd. to Overland Rd.	5	draft 2016 CIP	RD2016-85	No	No	2021-2025
74.	Locust Grove Rd.	Fairview Ave. to Ustick Rd.	5	draft 2016 CIP	RD2016-86	No	No	2021-2025
75.	Locust Grove Rd.	Ustick Rd. to McMillan Rd.	3	draft 2016 CIP	RD2016-87	No	No	2021-2025
76.	Maple Grove Rd.	Lake Hazel Rd. to Amity Rd.	3	draft 2016 CIP	RD2016-89	No	No	2021-2025
77.	Maple Grove Rd.	Amity Rd. to Victory Rd.	5	IFYWP, draft 2016 CIP	RD207-21, RD2016-90	No	No	2021-2025
78.	Maple Grove Rd.	Fairview Ave. to Ustick Rd.	5	draft 2016 CIP	RD2016-92	No	No	2021-2025

2030 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
79.	Maple Grove Rd.	Ustick Rd. to McMillan Rd.	5	draft 2016 CIP	RD2016-93	No	No	2021-2025
80.	McMillan Rd.	State Hwy 69 (Meridian Rd.) to Locust Grove Rd.	3	draft 2016 CIP	RD2016-99	No	No	2021-2025
81.	McMillan Rd.	Cloverdale Rd. to Five Mile Rd.	5	draft 2016 CIP	RD2016-100	No	No	2021-2025
82.	McMillan Rd.	Five Mile Rd. to Maple Grove Rd.	3	draft 2016 CIP	RD2016-101	No	No	2021-2025
83.	Meridian Rd.	Ustick Rd. to McMillan Rd.	3	draft 2016 CIP	RD2016-103	No	No	2021-2025
84.	Orchard St. Realigned	Gowen Rd. to I-84 Interchange	5	draft 2016 CIP, CIM 2040	RD2016-107	Yes	Yes	2021-2025
85.	Overland Rd.	Five Mile Rd. to Maple Grove Rd.	7	draft 2016 CIP	RD2016-112	Yes	Yes	2021-2025
86.	Overland Rd.	Eagle Rd. to Cloverdale Rd.	7	draft 2016 CIP	RD2016-110	Yes	Yes	2026-2030
87.	Overland Rd.	Maple Grove Rd. to I-84 Interchange (Cole Rd.)	7	draft 2016 CIP	RD2016-113	Yes	Yes	2026-2030
88.	Pine Ave.	Ten Mile Rd. to Linder Rd.	3	draft 2016 CIP	RD2016-114	No	No	2026-2030
89.	State Hwy 44	State Hwy 16 to Linder Rd.	4	CIM 2040	TBD	Yes	Yes	2019-2025
90.	State St.	Glenwood to Pierce Park Ln	7	IFYWP, draft 2016 CIP, CIM 2040	RD208-04, RD2016-119	Yes	Yes	2026-2030
91.	State St.	Pierce Park Ln to Collister Dr	7	IFYWP, draft 2016 CIP, CIM 2040	RD2016-120, RD208-05	Yes	Yes	2026-2030
92.	State St.	Collister Dr to 36th St	7	IFYWP, draft 2016 CIP, CIM 2040	RD208-06, RD2016-121	Yes	Yes	2026-2030

2030 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
93.	State St.	36th St to 28th St	7	IFYWP, draft 2016 CIP, CIM 2040	RD208-07, RD2016-122	Yes	Yes	2026-2030
94.	Ten Mile Rd.	Ustick Rd. to McMillan Rd.	5	IFYWP, draft 2016 CIP	RD202-32, RD2016-125	No	No	2021-2025
95.	Ten Mile Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	5	IFYWP, draft 2016 CIP	RD202-31, RD2016-126	No	No	2021-2025
96.	Ten Mile Rd.	Victory Rd. to Overland Rd.	3	IFYWP, draft 2016 CIP, CIM 2040	RC0299, RD2016-124	Yes	Yes	2026-2030
97.	Ustick Rd.	Cole Rd. to Curtis Rd.	5	draft 2016 CIP	RD2016-130	No	No	2021-2025
98.	Ustick Rd.	Ten Mile Rd. to Linder Rd.	3	draft 2016 CIP, CIM 2040	RD2016-127	Yes	Yes	2026-2030
99.	US Hwy 20/26	Locust Grove Rd. to State Hwy 55 (Eagle Rd.)	5	CIM 2040	n/a	Yes	Yes	May be funded in 2021 pending ITD's Strategic Initiatives process
100.	Victory Rd.	Locust Grove Rd. to Eagle Rd.	3	draft 2016 CIP	RD2016-135	No	No	2021-2025
101.	Victory Rd.	Cloverdale Rd. to Five Mile Rd.	5	draft 2016 CIP	RD2016-137	No	No	2021-2025
102.	Victory Rd.	Five Mile Rd. to Maple Grove Rd.	5	IFYWP, draft 2016 CIP	RD207-27, RD2016-138	No	No	2021-2025
103.	Victory Rd.	Maple Grove Rd. to Cole Rd.	5	draft 2016 CIP	RD2016-139	No	No	2021-2025
104.	Victory Rd.	Black Cat Rd. to Ten Mile Rd.	3	draft 2016 CIP	RD2016-131	No	No	2026-2030
105.	Victory Rd.	Ten Mile Rd. to Linder Rd.	3	draft 2016 CIP	RD2016-132	No	No	2026-2030
106.	Victory Rd.	Linder Rd. to Meridian Rd.	3	draft 2016 CIP	RD2016-133	No	No	2026-2030

2030 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
107.	Victory Rd.	Meridian Rd. to Locust Grove Rd.	3	draft 2016 CIP	RD2016-134	No	No	2026-2030
108.	Victory Rd.	Eagle Rd. to Cloverdale Rd.	5	draft 2016 CIP	RD2016-136	No	No	2026-2030

2040 Network

The 2040 networks include the construction year networks for current, 2017, 2021, 2030, and the following list of projects. The 2040 network uses the 2040 demographics and the 2040 network.

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
109.	36th Street Extension	Cartwright Rd. to Bogus Basin Rd.	2	draft 2016 CIP	RD2016-1	No	No	2031-2035
110.	Beacon Light Rd.	State Hwy 16 (Emmett Hwy) to Palmer Ln.	3	draft 2016 CIP	RD2016-6	No	No	2031-2035
111.	Beacon Light Rd.	Palmer Ln. to Linder Rd.	3	draft 2016 CIP	RD2016-7	No	No	2031-2035
112.	Beacon Light Rd.	Linder Rd. to Park Ln.	3	draft 2016 CIP	RD2016-8	No	No	2031-2035
113.	Beacon Light Rd.	Park Ln. to Ballantyne Rd.	3	draft 2016 CIP	RD2016-9	No	No	2031-2035
114.	Beacon Light Rd.	Ballantyne Rd. to Eagle Rd.	3	draft 2016 CIP	RD2016-10	No	No	2031-2035
115.	Beacon Light Rd.	Eagle Rd. to State Hwy 55	3	draft 2016 CIP	RD2016-11	No	No	2031-2035
116.	Cloverdale Rd.	Kuna Rd. to Deer Flat Rd.	3	draft 2016 CIP	RD2016-17	No	No	2031-2035
117.	Cloverdale Rd.	Deer Flat Rd. to Hubbard Rd.	3	draft 2016 CIP	RD2016-18	No	No	2031-2035
118.	Cloverdale Rd.	Hubbard Rd. to Columbia	3	draft 2016 CIP	RD2016-19	No	No	2031-2035
119.	Cloverdale Rd.	Overland Rd. to Franklin Rd.	5	draft 2016 CIP	RD2016-24	No	No	2031-2035
120.	Eagle Rd.	Floating Feather Rd. to Beacon Light Rd.	3	draft 2016 CIP	RD2016-34	No	No	2031-2035
121.	Emerald St.	Curtis Rd. to Orchard St.	5	draft 2016 CIP	RD2016-39	No	No	2031-2035
122.	Fairview Ave.	Cloverdale Rd. to Five Mile Rd.	7	draft 2016 CIP, CIM 2040	RD2016-45	Yes	Yes	2031-2035
123.	Five Mile Rd.	Ustick Rd. to McMillan Rd.	5	draft 2016 CIP	RD2016-52	No	No	2031-2035
124.	Floating Feather Rd	Star to Plummer Ln	3	draft 2016 CIP	RD2016-53	No	No	2031-2035

2040 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
125.	Glenwood Couplet	Cole Rd. to Goddard Rd.	3	draft 2016 CIP, CIM 2040	RD2016-60	Yes	Yes	2031-2035
126.	Lake Hazel Rd.	Orchard Ext W to Pleasant Valley Rd	5	draft 2016 CIP, CIM 2040	RD2016-73	Yes	Yes	2031-2035
127.	Lake Hazel Rd.	Pleasant Valley Rd to Eisenman Rd	5	draft 2016 CIP, CIM 2040	RD2016-74	Yes	Yes	2031-2035
128.	Linder Rd.	Amity Rd. to Victory Rd.	3	draft 2016 CIP, CIM 2040	RD2016-75	No	No	2031-2035
129.	Linder Rd.	Overland Rd. to Franklin Rd.	5	draft 2016 CIP, CIM 2040	RD2016-77	No	No	2031-2035
130.	Linder Rd.	Franklin Rd. to Pine Ave.	5	IFYWP, draft CIP, CIM 2040	RD213-16	Yes	Yes	2031-2035
131.	Linder Rd.	Cherry Ln. to Ustick Rd.	3	draft 2016 CIP, CIM 2040	RD2016-79	Yes	Yes	2031-2035
132.	Linder Rd.	Pine Ave. to Cherry Ln.	3	draft 2016 CIP, CIM 2040	RD2016-78	Yes	Yes	2031-2035
133.	Locust Grove Rd.	Amity Rd. to Victory Rd.	3	draft 2016 CIP	RD2016-84	No	No	2031-2035
134.	Locust Grove Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	3	draft 2016 CIP	RD2016-88	No	No	2031-2035
135.	McMillan Rd.	Star Rd. to McDermott Rd.	3	draft 2016 CIP	RD2016-94	No	No	2031-2035
136.	McMillan Rd.	McDermott Rd. to Black Cat Rd.	3	draft 2016 CIP	RD2016-95	No	No	2031-2035
137.	McMillan Rd.	Black Cat Rd. to Ten Mile Rd.	3	draft 2016 CIP	RD2016-96	No	No	2031-2035

2040 Network

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Construction Year
138.	McMillan Rd.	Ten Mile Rd. to Linder Rd.	3	draft 2016 CIP	RD2016-97	No	No	2031-2035
139.	McMillan Rd.	Linder Rd. to State Hwy 69 (Meridian Rd.)	3	draft 2016 CIP	RD2016-98	No	No	2031-2035
140.	Meridian Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	3	draft 2016 CIP	RD2016-104	No	No	2031-2035
141.	Overland Rd.	Black Cat Rd. to Ten Mile Rd.	3	draft 2016 CIP	RD2016-108	No	No	2031-2035
142.	Overland Rd.	Locust Grove Rd. to Eagle Rd.	7	draft 2016 CIP	RD2016-109	Yes	Yes	2031-2035
143.	Overland Rd.	Cloverdale Rd. to Five Mile Rd.	7	draft 2016 CIP	RD2016-111	Yes	Yes	2031-2035
144.	Pleasant Valley Ext.	Orchard Ext to Pleasant Valley Rd.	5	draft 2016 CIP	RD2016-116	No	No	2031-2035
145.	Star Rd.	McMillan Rd. to US Hwy 20/26 (Chinden Blvd.)	5	draft 2016 CIP	RD2016-117	No	No	2031-2035
146.	Star Rd.	US Hwy 20/26 (Chinden Blvd.) to State Hwy 44 (State St.)	5	draft 2016 CIP	RD2016-118	No	No	2031-2035
147.	Ten Mile Rd.	Deer Flat Rd. to Hubbard Rd.	3	draft 2016 CIP	RD2016-123	No	No	2031-2035

Other

These projects are listed in the funded list of CIM 2040 however, no longer included in ACHD's draft 2016 CIP. COMPASS staff is requesting ICC to discuss on whether or not these can be removed from the regional conformity analyses for the draft FY2017-2021 Regional TIP.

No.	Street Name	Location	No. of Planned Lanes	Source	Key # (ITIP, IFYWP, CIP)	Regionally Significant Project	Subject to Regional Emissions Analysis	Comments
148.	Amity Rd.	Black Cat Rd. to Ten Mile Rd.	5	CIM 2040	n/a	Yes	Yes	Not in draft 2016 CIP. Remove from conformity?
149.	Franklin Rd.	McDermott Rd. to Black Cat Rd.	5	CIM 2040	n/a	Yes	Yes	Not in draft 2016 CIP. Remove from conformity?
150.	Linder Rd.	Floating Feather Rd. to Beacon Light Rd.	5	CIM 2040	n/a	Yes	Yes	Not in draft 2016 CIP. Remove from conformity?
151.	Ten Mile Rd.	Lake Hazel Rd. to Amity Rd.	5	CIM 2040	n/a	Yes	Yes	Not in draft 2016 CIP. Remove from conformity?
152.	Ten Mile Rd.	Amity Rd. to Victory Rd.	5	CIM 2040	n/a	Yes	Yes	Not in draft 2016 CIP. Remove from conformity?
153.	Ustick Rd.	McDermott Rd. to Black Cat Rd.	5	CIM 2040	n/a	Yes	Yes	Not in draft 2016 CIP. Remove from conformity?

Source of Projects:

IFYWP = Ada County Highway District's Integrated Five Year Work Plan FY 2016-2020

CIP = 2016 Draft Capital Improvements Plan FY 2016-2035

ITIP = draft FY2017-FY2021 Idaho Transportation Investment Program

TIP = draft FY2017-FY2021 Regional Transportation Improvement Program list

CIM 2040 = *Communities in Motion 2040* Project List – Current Long Range Transportation Plan adopted July 2014

FYWP #/ITD Key #:

FYWP# = ACHD GIS Numbers are alpha numeric identification numbers (ex. RD169)

ITD Key# = ITD Key Numbers are from the Transportation Improvement Program and the State Transportation Improvement Program and are strictly numeric (ex. 6299)

Regionally Significant Roadway Project Definition:

Regional emissions analyses, for the purposes of demonstrating transportation conformity of a TIP or long-range plan, must include all regionally significant and/or federally funded projects in the nonattainment or maintenance area. On January 30, 2002, the ICC developed the following definition of a "Regionally Significant" project:

"A transportation project in Ada County, Idaho is designated 'Regionally Significant' if:

- (a) the project is for the improvement of either:
 - (i) a principal arterial or higher functional classification; or
 - (ii) a minor arterial which will have a twenty (20) year projected traffic volume of at least 45,000 vehicles a day after completion of the project; and

- (b) the project will add at least one new continuous vehicular lane which either:
 - (i) extends from one intersecting principal or minor arterial to another intersecting principal or minor arterial; or
 - (ii) in the case of an interstate, extends from the on ramp of one interstate interchange to a point beyond the off ramp of the next adjacent interstate interchange."

Despite these definitions, the ICC maintains discretionary authority in interpreting and applying them to the area's transportation programs, plans, and projects. For the purposes of this conformity determination, all applicable roadway projects, despite their significance, were included in the travel demand model networks.

Exempt projects

Pursuant to 40CFR93.126 (Exempt Projects), certain projects listed in a long-range transportation plan or TIP may proceed even in the absence of a conformity finding/demonstration. Exempt projects include highway safety or mass transit projects, landscaping projects, roadway rehabilitation and repair, transportation enhancement projects, and transportation planning activities that do not lead directly to construction.

Pursuant to 40CFR93.127 (Exempt Projects from the Regional Emissions Analyses), certain projects listed in a long-range transportation plan or TIP may proceed even in the absence of a conformity finding/demonstration. Exempt projects include intersection channelization or signalization at individual intersections, interchange reconfiguration, changes in vertical and horizontal alignment, truck size and weight stations, bus terminals and transfer points.

However, the exempt projects listed in 40CFR93.126 or 40CFR93.127 are not considered exempt if the ICC concludes that they may have an adverse impact on air quality or has potential regional impacts.

Status:

Based on project information provided by ITD or ACHD.

The regional model covers two counties – Ada and Canyon. The projects in Ada and Canyon County are included in the appropriate model network year. Air quality conformity is required for only northern Ada County therefore, only the projects within Ada County are listed above.

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INTERAGENCY CONSULTATION COMMITTEE ITEM V-C

DATE: May 26, 2016

Topic: Update on Project-Level Conformity for the State Highway 44 Environmental Assessment Update and Linder Road and Deer Flat Road Intersection

Request/Recommendation:

Information and discussion.

Background/Summary:

Idaho Transportation Department's (ITD) Project Level Air Quality Screening Policy (PLAQ) is no longer allowed for assessment of criteria pollutant emissions because it was based on an emissions model (MOBILE) that is no longer recognized by the Environmental Protection Agency (EPA).

Both projects use (or anticipated to use) federal funds and are located in a maintenance area for carbon monoxide (CO) and particulate matter (PM) and, therefore, must demonstrate conformity to the National Ambient Air Quality Standards (NAAQS) for both CO and PM. The following two projects requiring project-level Hot Spot analysis:

1. AECOM is updating the State Highway 44 Corridor Study Concept Report, which requires an update to the air quality analysis for ITD.
2. HDR is completing the design and project-level Hot Spot analysis for improvements to the [Road and Deer Flat intersection](#) for Ada County Highway District (ACHD).

These two analyses will be conducted this summer, using MOVES2014a (most up to date version of the emissions model) and, CAL3QHCR (air dispersion model). MOVES2014 was approved by EPA October 7, 2014. This approval also started a two-year grace period that ends October 7, 2016. While the two-year grace period is still in effect, all conformity (project-level or regional) will use MOVES2014a.

On October 30, 2014, the ICC reviewed the inputs, assumptions and methodologies for three project-level analyses. As discussed at the October meeting "...and any other project-level analyses to be conducted in the next two years." The State Highway 44 Corridor Study project was discussed at the meeting and referenced in the motion.

Although the discussion included, "...and any other project-level analyses to be conducted in the next two years" COMPASS staff requests that ICC consider this part of the discussion and next steps.

More Information

- 1) Attachment 1
- 2) For detailed information contact: MaryAnn Waldinger, Principal Planner mwaldinger@compassidaho.org

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**INTERAGENCY CONSULTATION COMMITTEE
OCTOBER 30, 2014
COMMUNITY PLANNING ASSOCIATION**

**** MEETING NOTES ****

ATTENDEES: Rod Ashby, Ada County Highway District
Beth Baird, City of Boise
Jen Cole, Department of Environmental Quality
Matt Edmond, Ada County Highway District, **Chair**
Scott Frey, Federal Highway Administration, Ex-officio
Maureen Gresham, ACHD Commuteride
Rhonda Jalbert, Valley Regional Transit
Greg Vitley, Idaho Transportation Department–District 3
MaryAnn Waldinger, COMPASS

OTHERS PRESENT: Sabrina Anderson, COMPASS
Nancy Brecks, COMPASS
Michele Fikel, Idaho Transportation Department
Brian Shea, Idaho Transportation Department
Jay Witt, URS

CALL TO ORDER:

Chair Matt Edmond called the meeting to order at 9:04 a.m.

AGENDA ADDITIONS/CHANGES

MaryAnn Waldinger requested to add an Information/Discussion Item regarding conformity.

OPEN DISCUSSION/ANNOUNCEMENTS/INTRODUCTIONS

Chair Edmond stated that Rod Ashby will be replacing Matt on ICC.

Brian Shea stated after the formal meeting, he would like to talk about the DEQ MOU as well as other ITD priorities.

CONSENT AGENDA

A. Approve April 15, 2015, ICC Meeting Notes

Jen Cole moved and Greg Vitley seconded approval of the Consent Agenda as presented. Motion passed. Chair Edmonds abstained as he was not at the meeting.

ACTION ITEM

A. Approve Project-Level Conformity Modeling Assumptions

Greg Vitley and Jay Witt reviewed three quantitative project level analyses that URS will be conducting for CO, one for the Broadway Bridge, one for the US 20/26 Corridor Study, and one for the SH-44 Corridor Study. ICC was requested to approve the inputs/assumptions and the methodology proposed for the Broadway Bridge project and any other project-level analyses to be conducted in the next two years. This includes a decision regarding which version of MOVES to be used, MOVES2010b or MOVES2014.

After discussion, Greg Vitley moved and Jen Cole seconded approval of the assumptions for the MOVES2010b model, and to change reference from AM and PM Peak Hours to highest Design Hour for project level hot spots for the three projects. Motion passed unanimously.

After discussion, Greg Vitley moved and Maureen Gresham seconded approval of the assumptions for the CAL3QHC model, specifically for the Broadway Bridge and the corridor studies. Motion passed unanimously.

INFORMATION/DISCUSSION ITEMS

A. Discuss the Role of ICC for Project-Level Conformity

MaryAnn Waldinger noted Scott Frey's comments at the beginning of the meeting that project level conformity is the responsibility of ICC. The MPO is responsible for conformity in the metro areas according to IDAPA rules.

B. Discuss Eagle Road Widening

MaryAnn Waldinger discussed the challenges with the developer funded Eagle Road widening project between Franklin Road and Fairview Avenue.

OTHER

Next Meeting: November 20, 2014, at COMPASS at 8:30 am.

ADJOURNMENT

Meeting adjourned at 10:10 a.m. Motion was unanimously approved.