

**NOTICE OF PUBLIC MEETING OF THE
CARSON AREA METROPOLITAN PLANNING ORGANIZATION
WEDNESDAY, OCTOBER 14, 2015 4:30 P.M.
COMMUNITY CENTER- SIERRA ROOM
851 EAST WILLIAM STREET
CARSON CITY, NEVADA**

NOTE: The Carson Area Metropolitan Planning Organization is pleased to make reasonable accommodations for members of the public who are disabled and wish to attend the meeting. If special arrangements for the meeting are necessary, please notify Carson Area Metropolitan Planning Organization staff in writing at 3505 Butti Way, Carson City, Nevada, 89701, or Comments@CarsonAreaMPO.com, or call Patrick Pittenger at (775) 887-2355 as soon as possible (requests are required prior to 12:00 p.m. on October 12, 2015).

For more information regarding any of the items listed on the agenda, please contact Patrick Pittenger, Transportation Manager, at (775) 887-2355. Additionally, the agenda with all supporting material is posted on the CAMPO website at www.carsonareampo.com, or is available upon request at 3505 Butti Way, Carson City, Nevada, 89701.

AGENDA

A. ROLL CALL AND DETERMINATION OF A QUORUM

B. PUBLIC COMMENT: Members of the public who wish to address the Metropolitan Planning Organization may approach the podium and speak on matters related to the Metropolitan Planning Organization. Comments are limited to three minutes per person per topic. If your item requires extended discussion, please request the Chair to calendar the matter for a future Metropolitan Planning Organization meeting. No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an Agenda as an item upon which action may be taken.

C. For Possible Action: APPROVAL OF MINUTES

C-1 For Possible Action: Action to approve the minutes of the July 8, 2015 meeting.

C-2 For Possible Action: Action to approve the minutes of the August 12, 2015 meeting.

D. AGENDA MANAGEMENT NOTICE: Items on the agenda may be taken out of order; CAMPO may combine two or more agenda items for consideration; and CAMPO may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

E. DISCLOSURES: Any member of the Metropolitan Planning Organization that may wish to explain any contact with the public regarding an item on the agenda or business of the Metropolitan Planning Organization.

F. PUBLIC MEETING ITEMS:

F-1 Presentation on Washoe County's experience with gas tax indexing by Lee Gibson, the Chief Executive Officer of the Regional Transportation Commission of Washoe County (RTC).

Staff Summary: In 2008, Washoe County voters approved a ballot question to increase the gas tax annually based on what the Producers Price Index (PPI) does each year. Mr. Gibson will share Washoe County's experience with gas tax indexing and discuss the impact this had on local and regional transportation projects.

F-2 For Possible Action: To approve an update to the Title VI Program that incorporates a System-Wide Service Standards Manual section.

Staff Summary: Recommend that the update be approved, and the proposed System-Wide Service Standards Manual be incorporated as Attachment E to the existing Title VI Program.

F-3 Information on staff's progress on the 2040 Regional Transportation Plan.

Staff Summary: Staff has begun working on the 2040 Regional Transportation Plan as part of CAMPO's Fiscal Year 2016 Unified Planning Work Program. Since July, staff has met with representatives from Douglas and Lyon County, has begun development of the transportation demand model and has met with State and regional partners to develop consistent performance measures. A public participation meeting to kick off the new plan has been scheduled for October 20, 2015, at the Community Center.

G. INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS (Non-Action Items):

G-1 Future Agenda Items

H. BOARD COMMENTS: Status reports and comments from the members of the Carson Area Metropolitan Planning Organization Board.

I. PUBLIC COMMENT: Members of the public who wish to address the Metropolitan Planning Organization may approach the podium and speak on any matter that is not specifically included on the agenda as an action item and allowable under the Open Meeting Law. Comments are limited to three minutes per person per topic. If your item requires extended discussion, please request the Chair to calendar the matter for a future Metropolitan Planning Organization meeting. No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an Agenda as an item upon which action may be taken.

J. For Possible Action: ADJOURNMENT

The next meeting is tentatively scheduled for 4:30 p.m., Tuesday, November 17, 2015, at the Sierra Room - Community Center, 851 East William Street.

This agenda has been posted at the following locations
on Thursday, October 8, 2015, before 5:00 p.m.:

CITY HALL, 201 North Carson Street

CARSON CITY LIBRARY, 900 North Roop Street

COMMUNITY CENTER, SIERRA ROOM, 851 East William Street

CARSON CITY PUBLIC WORKS, 3505 Butti Way

CARSON CITY PLANNING DIVISION, 108 E. Proctor Street

DOUGLAS COUNTY EXECUTIVE OFFICES, 1594 Esmeralda Avenue, Minden

LYON COUNTY MANAGER'S OFFICE, 27 South Main Street, Yerington

NEVADA DEPARTMENT OF TRANSPORTATION, 1263 S. Stewart Street, Carson City

City Websites, www.carson.org/agendas, www.carsonareampo.com

State Website, <https://notice.nv.gov>

C-1 Minutes of the July 8, 2015 meeting.

DRAFT MINUTES
Regular Meeting
Carson Area Metropolitan Planning Organization
Wednesday, July 8, 2015 ● 4:30 PM
Community Center Sierra Room, 851 East William Street, Carson City, Nevada

Board Members

Chair – Ray Fierro	Vice Chair – Jon Erb
Member – Brad Bonkowski	Member – Robert Crowell
Member – Mark Kimbrough	Member – Robert McQueary
Member – Jim Smolenski	Ex-Officio Member – Sondra Rosenberg

Staff

Darren Schulz, Public Works Director
Patrick Pittenger, Transportation Manager
Daniel Doenges, Senior Transportation Planner
Dirk Goering, Transportation Planner
Graham Dollarhide, Transit Coordinator
Joseph Ward, Deputy District Attorney
Tamar Warren, Deputy Clerk/Recording Secretary

NOTE: A recording of these proceedings, the Board’s agenda materials, and any written comments or documentation provided to the recording secretary during the meeting are public record. These materials are on file in the Clerk-Recorder’s Office, and available for review during regular business hours.

An audio recording of this meeting is available on www.carson.org/minutes.

A. CALL TO ORDER AND DETERMINATION OF QUORUM (4:29:09) – Chairperson Fierro called the meeting to order at 4:29 p.m. Roll was called and a quorum was present.

Attendee Name	Status	Arrived
Chairperson Ray Fierro	Present	
Vice Chairperson Jon Erb	Absent	
Member Brad Bonkowski	Present	
Member Robert Crowell	Present	
Member Mark Kimbrough	Present	
Member Robert McQueary	Present	
Member Jim Smolenski	Present	
Ex-Officio Member Sondra Rosenberg	Absent	

B. PUBLIC COMMENT

(4:30:44) – None.

C. FOR POSSIBLE ACTION: APPROVAL OF MINUTES

C-1 FOR POSSIBLE ACTION: ACTION TO APPROVE THE MINUTES OF THE MAY 13, 2015 MEETING.

(4:31:32) – MOTION: I move to approve the minutes of the May 13, 2015 meeting as presented.

RESULT:	APPROVED (6-0-0)
MOVER:	Crowell
SECONDER:	Kimbrough
AYES:	Fierro, Bonkowski, Crowell, Kimbrough, McQueary, Smolenski
NAYS:	None
ABSTENTIONS:	None
ABSENT:	Erb

D. AGENDA MANAGEMENT NOTICE

(4:31:49) – None.

E. DISCLOSURES

(4:32:04) – None.

F. PUBLIC HEARING ITEMS

F-1 FOR POSSIBLE ACTION: TO ACCEPT THE NEVADA DEPARTMENT OF TRANSPORTATION (NDOT) FY 2016 WORK PROGRAM, SHORT RANGE ELEMENT (SRE), AND LONG RANGE ELEMENT (LRE) FOR THE CAMPO AREA.

(4:32:17) – Chairperson Fierro introduced the item.

(4:32:42) – Rudy Malfabon, Director, Nevada Department of Transportation (NDOT), introduced himself along with the following members of his staff: Thor Dyson, District Engineer, and several members of his staff; Ron Knecht, State Controller; several members from the Federal Highways Administration; and Lee Bonner, Local Government Liaison. Mr. Malfabon presented NDOT’s Fiscal Year 2016 Work program Short and Long Range Elements, incorporated into the record, for the Carson Area Metropolitan Planning Organization (CAMPO) area.

(4:49:01) – Member Kimbrough inquired about the MPO size requirement changes by population, and Mr. Malfabon explained that the change “was looking favorable”, adding that various programs geared toward smaller local communities in the rural areas have received federal funds. Member Smolenski was informed that the crash density data included both vehicle and pedestrian fatalities, adding that NDOT had the ability to extract pedestrian and/or vehicular fatality information from the available data.

There were no public comments.

(4:31:32) – MOTION: I move to accept the Nevada Department of Transportation (NDOT) FY 2016 Work Program, Short Range Element (SRE), and Long Range Element (LRE) for the CAMPO area.

RESULT:	APPROVED (6-0-0)
MOVER:	Crowell
SECONDER:	Smolenski
AYES:	Fierro, Bonkowski, Crowell, Kimbrough, McQueary, Smolenski
NAYS:	None
ABSTENTIONS:	None
ABSENT:	Erb

F-2 INFORMATION ON THE PROPOSED CAMPO FEDERAL FISCAL YEARS (FFY) 2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM (TIP).

(4:55:47) – Chairperson Fierro introduced the item.

(4:56:05) – Mr. Doenges presented the agenda materials which are incorporated into the record.

There were no member or public comments.

F-3 FOR POSSIBLE ACTION: TO DETERMINE THE SELECTION OF CARSON CITY RTC’S FEDERAL TRANSIT ADMINISTRATION (FTA) 5339 APPLICATION TO BE SUBMITTED FOR FUNDING IN THE CAMPO PLANNING AREA.

(5:58:40) – Chairperson Fierro introduced the item.

(4:59:03) – Mr. Pittenger noted that he had received a message from Vice Chairperson Erb who would be absent today due to inclement weather. He also presented the agenda materials which are incorporated into the record.

There were no member or public comments.

(5:00:14) – MOTION: I move to determine the selection of Carson City RTC’s Federal Transit Administration (FTA) 5339 application to be submitted for funding in the CAMPO planning area.

RESULT:	APPROVED (6-0-0)
MOVER:	McQueary
SECONDER:	Kimbrough
AYES:	Fierro, Bonkowski, Crowell, Kimbrough McQueary, Smolenski
NAYS:	None
ABSTENTIONS:	None
ABSENT:	Erb

G. INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS (NON-ACTION ITEMS)

G1 FUTURE AGENDA ITEMS

(5:00:50) – Mr. Pittenger noted that the approval of the Transportation Improvement Program discussed in item F-2 would be agendized for the August meeting.

H. BOARD COMMENTS

(5:01:03) – None.

I. PUBLIC COMMENT

(5:01:17) – None.

J. FOR POSSIBLE ACTION: ADJOURNMENT

(5:01:27) – MOTION: Member McQueary moved to adjourn. The meeting was adjourned at 5:01 p.m.

The Minutes of the July 8, 2015 Carson Area Metropolitan Planning Organization meeting are so approved this 14th day of October, 2015.

RAY FIERRO, Chair

C-2 Minutes of the August 12, 2015 meeting.

DRAFT MINUTES
Regular Meeting
Carson Area Metropolitan Planning Organization
Wednesday, August 12, 2015 ● 4:30 PM
Community Center Sierra Room, 851 East William Street, Carson City, Nevada

Board Members

Chair – Ray Fierro	Vice Chair – Jon Erb
Member – Brad Bonkowski	Member – Robert Crowell
Member – Mark Kimbrough	Member – Robert McQueary
Member – Jim Smolenski	Ex-Officio Member – Sondra Rosenberg

Staff

Patrick Pittenger, Transportation Manager
Daniel Doenges, Senior Transportation Planner
Dirk Goering, Transportation Planner
Graham Dollarhide, Transit Coordinator
Joseph Ward, Deputy District Attorney
Tamar Warren, Deputy Clerk/Recording Secretary

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An audio recording of this meeting is available on www.carson.org/minutes.

A. CALL TO ORDER AND DETERMINATION OF QUORUM (4:28:35) – Chairperson Fierro called the meeting to order. Roll was called and a quorum was present.

Attendee Name	Status	Arrived
Chairperson Ray Fierro	Present	
Vice Chairperson Jon Erb	Present	
Member Brad Bonkowski	Present	
Member Robert Crowell	Present	
Member Mark Kimbrough	Present	
Member Robert McQueary	Present	
Member Jim Smolenski	Present	
Ex-Officio Member Sondra Rosenberg	Present	

B. PUBLIC COMMENT

(4:30:06) – None.

C. FOR POSSIBLE ACTION: APPROVAL OF MINUTES

C-1 FOR POSSIBLE ACTION: ACTION TO APPROVE THE MINUTES OF THE JUNE 10, 2015 MEETING.

(4:30:50) – MOTION: I move to approve the minutes of the June 10, 2015 meeting as presented.

RESULT:	APPROVED (7-0-0)
MOVER:	Crowell
SECONDER:	Bonkowski
AYES:	Fierro, Erb, Bonkowski, Crowell, Kimbrough, McQueary, Smolenski
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

D. AGENDA MANAGEMENT NOTICE (4:31:05) – None.

E. DISCLOSURES (4:31:28) – None.

F. PUBLIC HEARING ITEMS

F-1 FOR POSSIBLE ACTION: TO APPROVE THE PROPOSED CAMPO FEDERAL FISCAL YEARS 2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM (TIP).

(4:31:40) – Chairperson Fierro introduced the item.

(4:32:00) – Mr. Doenges presented the agenda materials which are incorporated into the record.

There were no member or public comments.

(4:3050) – MOTION: I move to approve the proposed CAMPO Federal Fiscal Years 2016-2019 Transportation Improvement Program (TIP).

RESULT:	APPROVED (7-0-0)
MOVER:	Erb
SECONDER:	Smolenski
AYES:	Fierro, Erb, Bonkowski, Crowell, Kimbrough, McQueary, Smolenski
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

F-2 INFORMATION ON FY 2015 TRIENNIAL REVIEW REPORT.

(4:33:40) – Chairperson Fierro introduced the item.

(4:34:15) – Mr. Dollarhide presented the agenda materials, incorporated into the record.

(4:35:18) – Member Bonkowski was informed that the consequences to the outlined deficiencies were not expressly stated; however, funding could be suspended should the City remain out of compliance. Mr. Dollarhide

also clarified for Member Smolenski that there are processes and rules for procurement, as well as corrective action plans. Member Crowell was informed that a packet, with checklists, is provided for Staff to fill out.

There were no public comments.

G. INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS (NON-ACTION ITEMS)

G1 FUTURE AGENDA ITEMS

(4:39:34) – Mr. Pittenger reviewed the items for the upcoming meetings and noted that the triennial review, and the Regional Transportation Plan update will be agendized for September.

H. BOARD COMMENTS

(4:39:55) – Member Rosenberg informed the members that NDOT and the four Metropolitan Planning Organizations were working on an electronic Statewide Transportation Improvement and Work Program which is available on www.NevadaDOT.com and for public comment.

I. PUBLIC COMMENT

No members of the public were present.

J. FOR POSSIBLE ACTION: ADJOURNMENT

(4:41:47) – MOTION: Vice Chairperson Erb moved to adjourn. The meeting was adjourned at 4:42 p.m.

The Minutes of the August 12, 2015 Carson Area Metropolitan Planning Organization meeting are so approved this 14th day of October, 2015.

RAY FIERRO, Chair

Item F-1

**CARSON AREA METROPOLITAN PLANNING ORGANIZATION
REQUEST FOR BOARD ACTION**

Date Submitted: October 1, 2015

Meeting Date: October 14, 2015

To: Carson Area Metropolitan Planning Organization

From: Patrick Pittenger, Transportation Manager

Subject Title: Presentation on Washoe County's experience with gas tax indexing by Lee Gibson, the Chief Executive Officer of the Regional Transportation Commission of Washoe County (RTC).

Staff Summary: In 2008, Washoe County voters approved a ballot question to increase the gas tax annually based on what the Producers Price Index (PPI) does each year. Mr. Gibson will share Washoe County's experience with gas tax indexing and discuss the impact this had on local and regional transportation projects.

Type of Action Requested: (check one)

() None – Information Only

() Formal Action/Motion

Explanation for Information Item: In anticipation of a 2016 ballot question on gas tax indexing in Carson City and other surrounding counties, besides Washoe County, Mr. Gibson has offered to share his experience.

Applicable Statute, Code, Rule or Policy: N/A

Fiscal Impact: N/A

Explanation of Impact: N/A

Funding Source: N/A

Alternatives: N/A

Supporting Material: N/A

Prepared By: Dirk Goering, Transportation Planner

Reviewed By: Patrick Pittenger
(Transportation Manager)

Date: 10/5/15

Carl J...
(Public Works Director)

Date: 10/5/15

Danny Pauls
(Finance Director)

Date: 10/5/15

[Signature]
(District Attorney's Office)

Date: 10-5-15

Item F-2

CARSON AREA METROPOLITAN PLANNING ORGANIZATION REQUEST FOR BOARD ACTION

Date Submitted: September 29, 2015

Meeting Date: October 14, 2015

To: Carson Area Metropolitan Planning Organization

From: Graham Dollarhide, Transit Coordinator

Subject Title: For Possible Action: To approve an update to the Title VI Program that incorporates a System-Wide Service Standards Manual section.

Staff Summary: Recommend that the update be approved, and the proposed System-Wide Service Standards Manual be incorporated as Attachment E to the existing Title VI Program.

Type of Action Requested: (check one)

() None – Information Only

() Formal Action/Motion

Recommended Board Action: I move to approve an update to the Title VI Program that incorporates a System-Wide Service Standards Manual section.

Explanation for Recommended Action: The Triennial Review Final Report, dated July 8, 2015 notes one deficiency in the Title VI "Review Area." The Federal Transit Administration (FTA) requires that a service standards section be incorporated into each fixed route public transit provider's Title VI Program. Although the previous update to the Title VI Program was initially approved by the FTA, CAMPO's Title VI Program was lacking this component.

The proposed update includes system-wide service standard and system-wide service policy elements, which were developed based on performance measures of, and transportation demands on the JAC transit system. The FTA Civil Rights Officer currently assigned to Region IX (of which CAMPO is a part) has reviewed the document and confirmed its compliance with Federal requirements. The FTA will be notified of the Program update's formal adoption immediately following Board approval so that the finding can be closed.

Applicable Statute, Code, Policy, Rule or Policy: FTA Circular 4702.1B

Fiscal Impact: N/A


Explanation of Impact: N/A

Funding Source: N/A

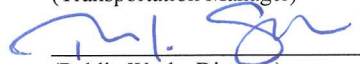
Alternatives: N/A

Supporting Material: Title VI Program Attachment E (System-Wide Service Standards Manual)


Prepared By: Graham Dollarhide, Transit Coordinator

Reviewed By: 
(Transportation Manager)

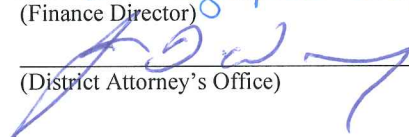
Date: 10/5/15


(Public Works Director)

Date: 10/5/15


(Finance Director)

Date: 10/5/15


(District Attorney's Office)

Date: 10-5-15

Board Action Taken:

Motion: _____

- 1) _____ Aye/Nay
- 2) _____

_____ (Vote Recorded By)

System-Wide Service Standards Manual

Pursuant to requirements set forth in the Federal Transit Administration's (FTA) Circular 4702.1B, fixed route public transit providers that receive Federal financial assistance must establish system-wide standards and policies for each specific fixed route mode of service it provides. These standards and policies must address how service is distributed across the transit system, and must ensure that the manner of the distribution affords users access to these assets.

The system-wide service standards are to be quantitative in nature, and are to be set by individual transit providers, applying agency-wide rather than industry-wide. Providers of fixed route public transportation shall also adopt system-wide service policies to ensure service design and operations practices do not result in discrimination on the basis of race, color, or national origin. Service policies differ from service standards in that they are not necessarily based on a quantitative threshold.

System-Wide Service Standards

The FTA requires all fixed route transit providers of public transportation to develop quantitative standards for the following indicators:

1. Vehicle Load
2. Vehicle Headway
3. On-time Performance
4. Service Availability

The service standards developed by CAMPO for the indicators listed above and contained herein are used to develop and maintain efficient and effective fixed route transit service.

1. Vehicle Load

Vehicle load factor is described by the FTA in Circular 4702.1B as follows:

Vehicle load can be expressed as the ratio of passengers to the total number of seats on a vehicle. For example, on a 40-seat bus, a vehicle load of 1.3 means all seats are filled and there are approximately 12 standees. A vehicle load standard is generally expressed in terms of peak and off-peak times.

CAMPO calculates vehicle load by dividing the average peak passenger load on each route by the number of seats on the type of bus typically assigned to that route. Vehicle load will be monitored to ensure customer comfort and to determine whether additional capacity should be added to specific trips or routes based on changing demand patterns. All Jump Around Carson fixed routes utilize buses with a capacity of 32 seated passengers; CAMPO has established its vehicle load factor at 1.0, which means that JAC buses would reach capacity once all 32 seats had been filled.

2. Vehicle Headway

Vehicle headway is described by the FTA in Circular 4702.1B as follows:

Vehicle headway is the amount of time between two vehicles traveling in the same direction on a given line or combination of lines. A shorter headway corresponds to more frequent service. Vehicle headways are measured in minutes (e.g., every 15 minutes); service frequency is measured in vehicles per hour (e.g., 4 buses per hour). Headways and frequency of service are

general indications of the level of service provided along a route. Vehicle headway is one component of the amount of travel time expended by a passenger to reach his/her destination. A vehicle headway standard is generally expressed for peak and off-peak service as an increment of time (e.g., peak: every 15 minutes; and off-peak: every 30 minutes). Transit providers may set different vehicle headway standards for different modes of transit service. A vehicle headway standard might establish a minimum frequency of service by area based on population density. For example, service at 15-minute peak headways and 30-minute off-peak headways might be the standard for routes serving the most densely populated portions of the service area, whereas 30-minute peak headways and 45-minute off-peak headways might be the standard in less densely populated areas. Headway standards are also typically related to vehicle load. For example, a service standard might state that vehicle headways will be improved first on routes that exceed the load factor standard or on routes that have the highest load factors.

Each of the JAC fixed routes has a headway of one hour. Each route leaves the transfer plaza in downtown Carson City at the top of the hour and returns at approximately 54 minutes past the hour. The routes repeat every hour and only one bus travels along each route per hour. The current service levels of the JAC system are sufficient to meet demand during peak and off-peak hours.

3. On-Time Performance

On-time performance is described by the FTA in Circular 4702.1B as follows:

On-time performance is a measure of runs completed as scheduled. This criterion must first define what is considered to be "on time." For example, a transit provider may consider it acceptable if a vehicle completes a scheduled run between zero and five minutes late in comparison to the established schedule. On-time performance can be measured against route origins and destinations only, or against origins and destinations as well as specified time points along the route. Some transit providers set an on-time performance standard that prohibits vehicles from running early (i.e., ahead of schedule) while others allow vehicles to run early within a specified window of time (e.g., up to five minutes ahead of schedule). An acceptable level of performance must be defined (expressed as a percentage). The percentage of runs completed system-wide or on a particular route or line within the standard must be calculated and measured against the level of performance for the system. For example, a transit provider might define on-time performance as 95 percent of all runs system-wide or on a particular route or line completed within the allowed "on-time" window.

A bus is determined to be on-time if it departs its scheduled "time point" zero to five minutes later than the published time (the generally accepted industry standard of "on-time"). Buses are considered early if they depart from a published time point prior to the scheduled departure. It is JAC's goal to be on-time at least 85 percent of the time. While JAC will continue to strive towards a 100 percent on-time rate, given the operating conditions and past experience, a more realistic goal has been established. JAC supervisory staff regularly monitors on-time performance and counsels operators who consistently fail to meet on-time performance standards that are within their control. Discussions with bus operators are also used to identify vehicle scheduling issues which may be corrected through service changes.

4. Service Availability

Service availability is described by the FTA in Circular 4702.1B as follows:

Service availability is a general measure of the distribution of routes within a transit provider's service area. For example, a transit provider might set a service standard to distribute routes such that a specified percentage of all residents in the service area are within a one-quarter mile walk of bus service or a one-half mile walk of rail service. A standard might also indicate the maximum distance between stops or stations. These measures related to coverage

and stop/station distances might also vary by population density. For example, in more densely populated areas, the standard for bus stop distance might be a shorter distance than it would be in less densely populated areas, and the percentage of the total population within a one-quarter mile walk of routes or lines might be higher in more densely populated areas than it would be in less densely populated areas.

The goal for JAC fixed route service is to provide bus service within one-quarter mile of 60 percent of Carson City residents. The presence of JAC transit service is particularly strong in more densely populated low-income and minority parts of the service area. Service availability is determined by mapping all active bus routes within the system and then calculating the population, based on Census blocks, within a one-quarter mile radius of any route. Population figures for Census blocks that are only partially within the one-quarter mile buffer are calculated based on the proportion of land area that is within the buffer. The resulting total population figure is then divided by the total Carson City population. A map of Carson City Census blocks with full or partial area within one-quarter mile of JAC bus routes can be seen in Appendix A of this Attachment.

System-Wide Service Policies

The FTA also requires fixed route transit providers to develop system-wide policies for given service indicators. Transit providers may also opt to set policies for additional indicators as appropriate. The following system-wide policies differ from service standards in that they are not necessarily based on meeting a quantitative threshold, but rather qualitative evaluation results:

1. Distribution of Transit Amenities
2. Vehicle Assignment

The service standards developed by CAMPO for the indicators listed above and contained herein are used to develop and maintain an equitable and effective fixed route transit system.

1. Distribution of Transit Amenities

Distribution of transit amenities is described by the FTA in Circular 4702.1B as follows:

Transit amenities refer to items of comfort, convenience, and safety that are available to the general public. Fixed route transit providers must set a policy to ensure equitable distribution of transit amenities across the system. Transit providers may have different policies for the different modes of service that they provide. Policies in this area address how these amenities are distributed within a transit system, and the manner of their distribution determines whether transit users have equal access to these amenities. This subparagraph is not intended to impact funding decisions for transit amenities. Rather, this subparagraph applies after a transit provider has decided to fund an amenity.

Transit amenities are distributed along JAC fixed routes on a system-wide basis. Transit amenities include benches, shelters and waste receptacles. The location of transit amenities is determined based on greatest need, factors of which include ridership, public input/requests, and staff recommendations. Printed information (route map/fares/schedules) is provided at the JAC Operations building as well as on all JAC buses and at all ticket outlets.

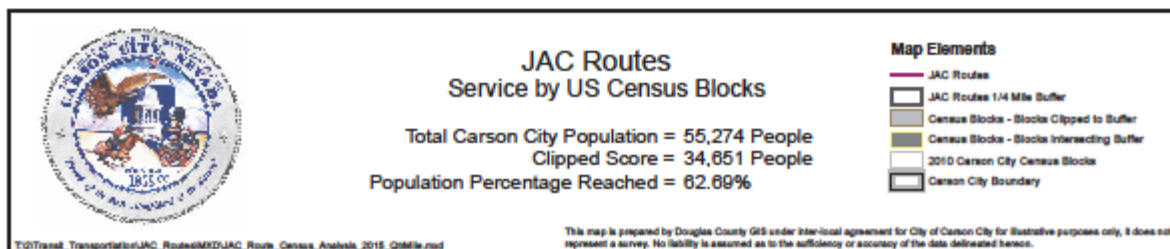
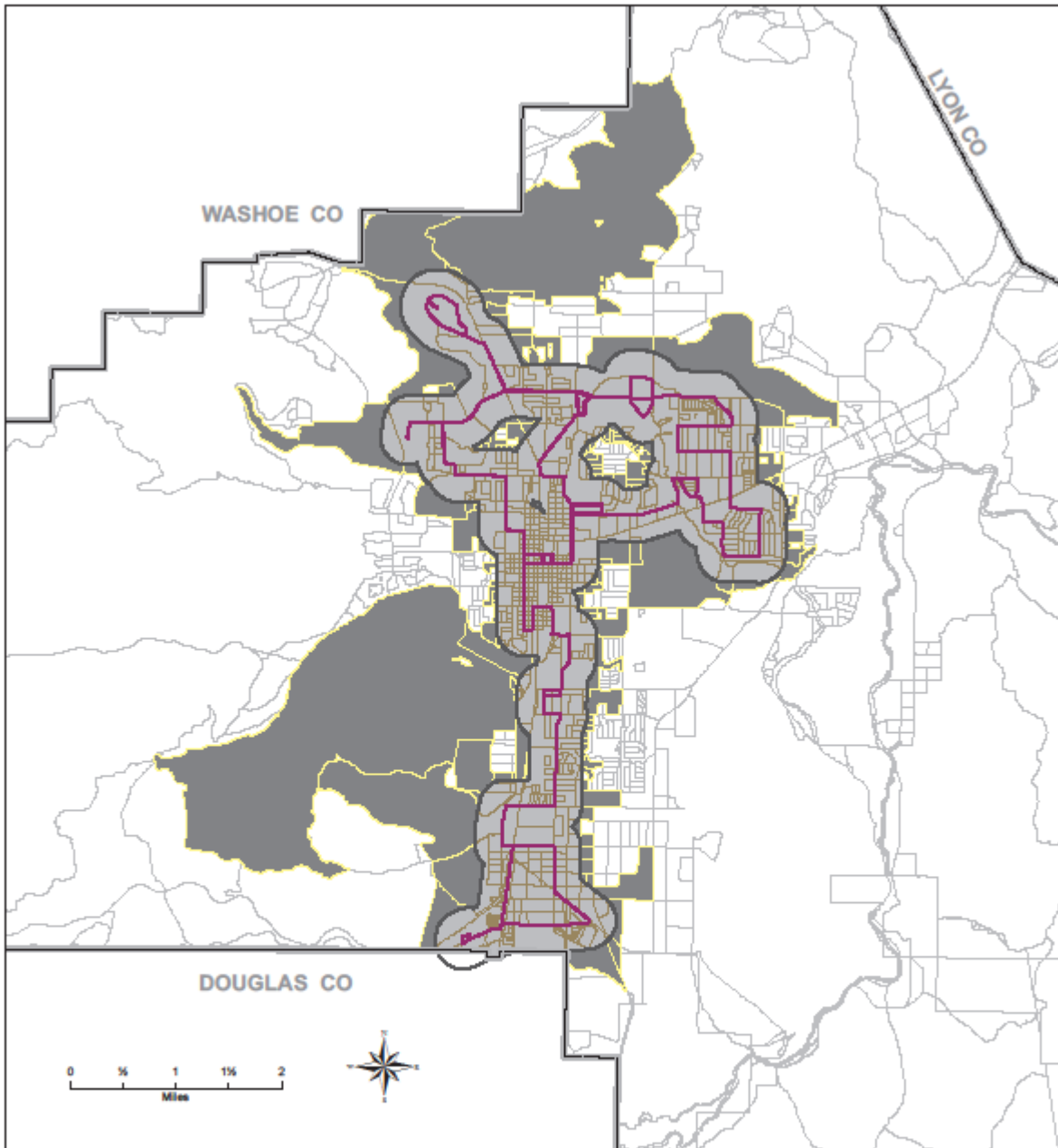
2. Vehicle Assignment

Vehicle assignment is described by the FTA in Circular 4702.1B as follows:

Vehicle assignment refers to the process by which transit vehicles are placed into service in depots and on routes throughout the transit provider's system. Policies for vehicle assignment may be based on the age of the vehicle, where age would be a proxy for condition. For example, a transit provider could set a policy to assign vehicles to depots so that the age of the vehicles at each depot does not exceed the system-wide average. The policy could also be based on the type of vehicle. For example, a transit provider may set a policy to assign vehicles with more capacity to routes with higher ridership and/or during peak periods. The policy could also be based on the type of service offered. For example, a transit provider may set a policy to assign specific types of vehicles to express or commuter service. Transit providers deploying vehicles equipped with technology designed to reduce emissions could choose to set a policy for how these vehicles will be deployed throughout the service area.

There is only one type of fixed route bus in the JAC system, although all are not of the same model year. All buses have a capacity of 32 passengers, are ADA compliant (with wheelchair ramp and securement area), and are equipped with two-way radio communications, air conditioning, bike racks, and video surveillance. Any fixed route bus in the fleet may be dispatched to any route in the system on any given day.

Appendix A – Census Blocks within One-Quarter Mile of JAC Bus Routes



**CARSON AREA METROPOLITAN PLANNING ORGANIZATION
REQUEST FOR BOARD ACTION**

Date Submitted: October 1, 2015

Meeting Date: October 14, 2015

To: Carson Area Metropolitan Planning Organization

From: Dirk Goering, Transportation Planner

Subject Title: Information on staff's progress on the 2040 Regional Transportation Plan.

Staff Summary: Staff has begun working on the 2040 Regional Transportation Plan as part of CAMPO's Fiscal Year 2016 Unified Planning Work Program. Since July, staff has met with representatives from Douglas and Lyon County, has begun development of the transportation demand model and has met with State and regional partners to develop consistent performance measures. A public participation meeting to kick off the new plan has been scheduled for October 20, 2015, at the Community Center.

Type of Action Requested: (check one)

() None – Information Only

() Formal Action/Motion

Explanation for Information Item: A draft transportation plan is scheduled to be presented to the CAMPO Board in the spring of 2016. Additional progress reports to the Board and public participation meetings are planned. Future meetings will include results of the transportation demand model.

Applicable Statute, Code, Rule or Policy: N/A

Fiscal Impact: N/A

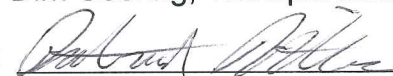
Explanation of Impact: N/A

Funding Source: N/A

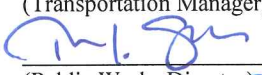
Alternatives: N/A

Supporting Material: N/A


Prepared By: Dirk Goering, Transportation Planner

Reviewed By: 
(Transportation Manager)

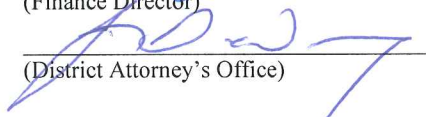
Date: 10/5/15


(Public Works Director)

Date: 10/5/15


(Finance Director)

Date: 10/5/15


(District Attorney's Office)

Date: 10-5-15