

**CITY OF NORMAN, OKLAHOMA**

**CITY COUNCIL COMMUNITY PLANNING AND  
TRANSPORTATION COMMITTEE AGENDA**

**Municipal Building Conference Room  
201 West Gray**

**Thursday, March 26, 2015**

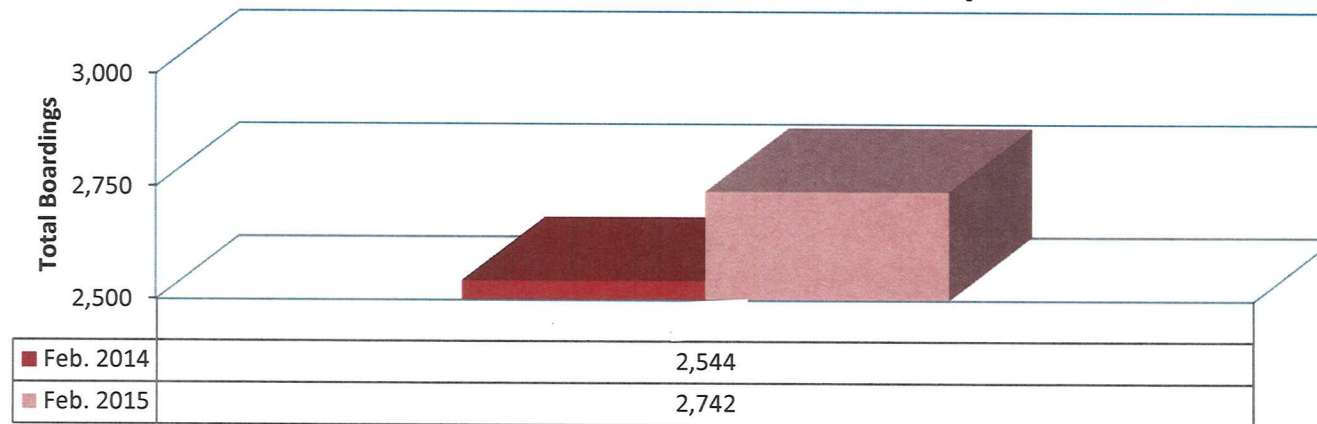
**4:00 P.M.**

- 1. CLEVELAND AREA RAPID TRANSIT (CART) RIDERSHIP REPORT INCLUDING SAFERIDE AND EXTENDED SERVICE FOR THE MONTH OF JANUARY, 2015.**
- 2. PRESENTATION OF FINAL DESIGN OF THE CART BUS WRAP PROMOTING BICYCLE SAFETY AS RECOMMENDED BY THE BICYCLE ADVISORY COMMITTEE.**
- 3. PRESENTATION BY A REPRESENTATIVE FROM THE ASSOCIATION OF CENTRAL OKLAHOMA GOVERNMENTS FOR AN UPDATE ON THE REGIONAL TRANSIT DIALOGUE AS IT RELATES TO FUTURE COMMUTER RAIL IN CENTRAL OKLAHOMA AND POSSIBLE NEXT STEPS.**
- 4. MISCELLANEOUS PUBLIC COMMENTS**

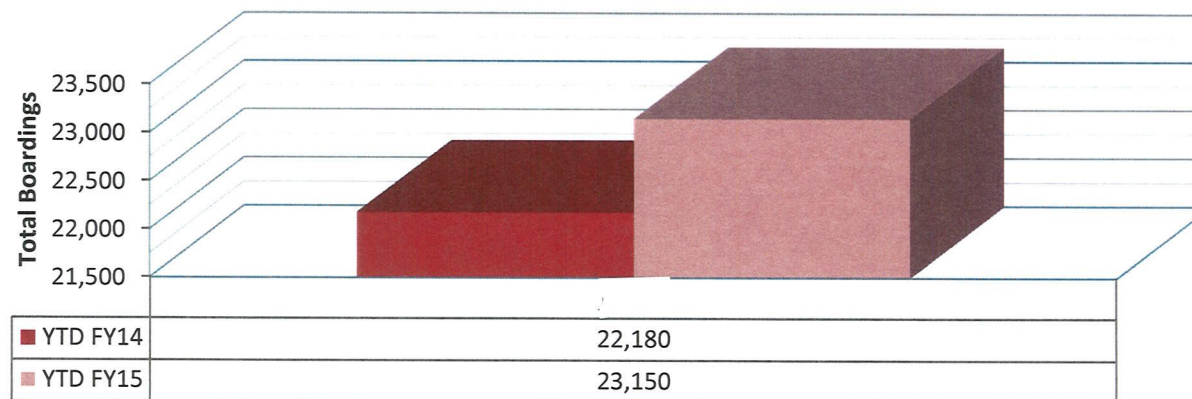
## **Item 1**

### **CART RIDERSHIP REPORTS**

## February 2015 CARTaccess Total Ridership

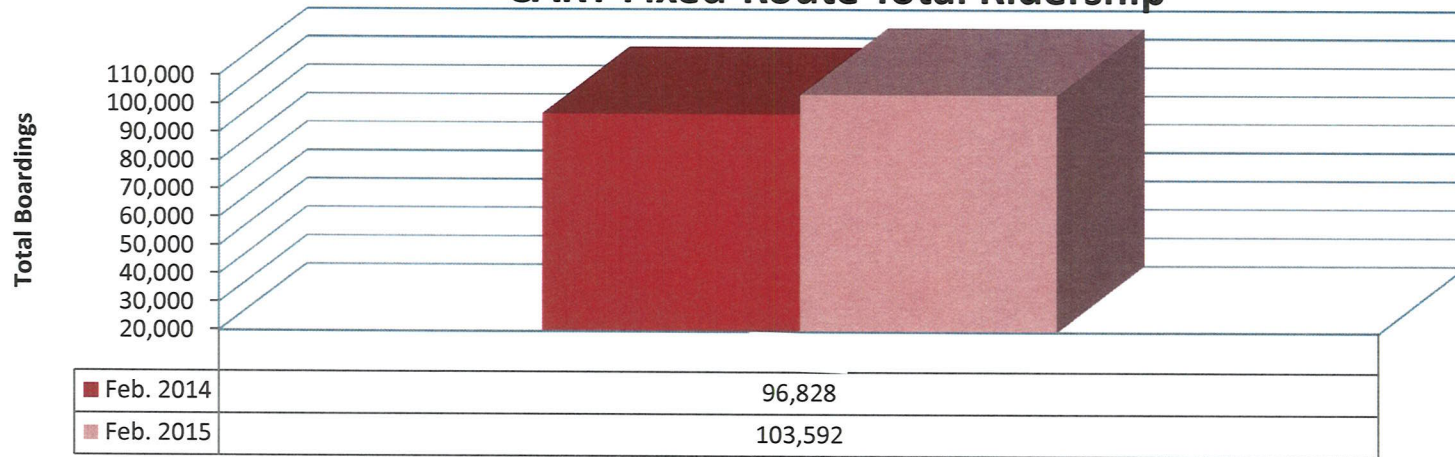


## July 2014 - February 2015 (Year-to-Date FY15) CARTaccess Total Ridership

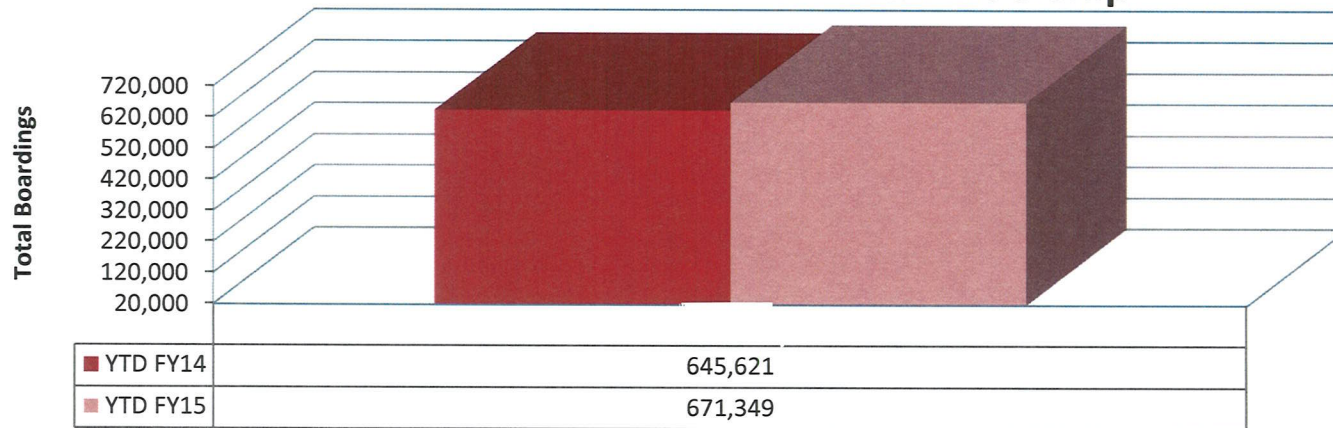


CARTaccess	Feb. 2014	Feb. 2015	% Change	CARTaccess	YTD FY14	YTD FY15	% Change
Monthly	2,544	2,742	8%	Annual Total	22,180	23,150	4%

## February 2015 CART Fixed-Route Total Ridership



## July 2014 - February 2015 (Year-to-Date FY15) CART Fixed-Route Total Ridership



CART Fixed Route	Feb. 2014	Feb. 2015	% Change	CART Fixed Route	YTD FY14	YTD FY15	% Change
Monthly Total	96,828	103,592	7%	Annual Total	645,621	671,349	4%

FY14: July 1, 2013 - June 30, 2014

FY15: July 1, 2014 - June 30, 2015

**Community Planning & Transportation Committee**  
**CART Monthly Report, February 2015**

**Ridership Report Summary**

**CART**

- CART transported 103,592 riders in February -- an average of 4,878 riders daily. Ridership for February 2015 was up 7% over February 2014.
- FY15 year to date (July 2014 – February 2015), CART transported 671,349 riders – an increase of 4% over the same period in FY14 (July 2013 – February 2014).
- Ridership is up on Lindsey East and West, Sooner Express, Research, and LNC.
- During the week of February 23-28, 310 CART riders traveled with their bicycles (1.3% of all trips) and 29 using wheelchairs (.01%). This count was down considerably due to the inclement weather during this week. Lindsey East (98), Lloyd Noble (54), and Main Street (52) carried the most bicycles. Main (14), Lindsey West (7), and Alameda (6) transported the most riders with wheelchairs.

**CARTaccess**

- CART transported 2,742 CARTaccess riders in February – an average of 114 riders daily. This is an increase of 8% for the month and 4% year to date.
- Since January, approximately 30 CARTaccess riders have requested CART ID cards to ride free on the fixed route system.

**Marketing/Outreach efforts**

- “Turn Up for Transit” event will be held Wednesday, March 25 on the OU South Oval to promote alternative transportation, including CART, bicycling, and ride sharing.
- CART continues to promote its extended service til 10 pm and free fare for CARTaccess riders on fixed route service.
- CART is planning an event for April 9, Stand Up 4 Transportation Day and will send an invitation to Norman City Council before the end of March.

**Grant Activity**

*New Bicycle Repair Stations and Bicycle Racks (Air Quality Awareness grant)* – 15 bicycle racks in groups of five have been installed at three locations: Headington Hall, Huffman Center, and the Brooks St. Station. Bicycle repair stations will be installed at Brooks St. Station, the Lloyd Noble Center, and the Norman City Library.

*Fixed Route vehicles (FTA 5307 and Clean Air grants)* – 2 new 35’ CNG Gillig buses are scheduled to arrive in July.

**Regional Planning Activities**

- Attended the Oklahoma Transit Association winter conference February 4-6 in Oklahoma City
- Attended the ODOT Civil Rights conference on February 28 in Norman
- Working with ACOG on its long range transit planning efforts for Encompass 2040.

## **Item 2**

### **BUS WRAP FOR CART BUS BICYCLE ADVISORY COMMITTEE**



# office memorandum

**Date:** March 19, 2015

**To:** Community Planning and Transportation Council Committee Members

**From:** Angelo A. Lombardo, Transportation Engineer

**Subject:** Air Quality Awareness Grant Contract K-1415-47 between the Association of Central Oklahoma Governments and the City of Norman for development of a public education campaign to raise awareness of bicyclists riding on Norman streets – Approval of Bus Wrap Design

The Congestion Mitigation and Air Quality Improvement Program (CMAQ) was created under the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991, and reauthorized under the Transportation Equity Act for the 21st Century (TEA-21), the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), and, most recently, the Moving Ahead for Progress in the 21st Century Act (MAP-21). Through Fiscal Year (FY) 2012, the CMAQ program has supported nearly 28,000 transportation projects across the country, accounting for nearly \$30 billion in transportation investments since its inception in 1992.

The purpose of the CMAQ program is to fund transportation projects or programs that will contribute to attainment or maintenance of the National Ambient Air Quality Standards (NAAQS) for ozone, carbon monoxide (CO), and particulate matter (both PM10 and PM 2.5).

As part of a one-year pilot program in the Oklahoma City metropolitan area, the Association of Central Oklahoma Governments (ACOG) made Air Quality Awareness Grants available to eligible applicants. A minimum of \$75,000 in CMAQ funds were available for small active transportation infrastructure projects and public education programs that serve to improve and enhance awareness of Central Oklahoma's air quality.

Eligibility was limited to city governments, county governments, public schools, public school districts, public universities and tribal governments. Air Quality Awareness Grants require a minimum of 20% in matching local funds (in-kind is not accepted) and awards will be conferred as reimbursement. No single entity can receive more than 56% of the total grant award amount. ACOG reserves the right to negotiate grant awards and agreements.

The City's Bicycle Advisory Committee identified a public education program compatible with the Air Quality Awareness Grant Program and asked staff to explore the possibility of making an application for funding. The program is intended to serve as a public safety campaign to raise awareness of bicyclists riding on City of Norman roadways. The goal is to develop a safer riding environment for bicyclists and to encourage more people to use their bicycles as a basic means of transportation. The campaign is designed to utilize a special bus wrap installed on one of the buses operated by CART. The message on the wrap will have information that reminds motor vehicle operators that bicyclists have the right to occupy part of the roadway.

Staff discussed the grant opportunity with CART and obtained a cost estimate for the fabrication of the wrap (\$575.00) as well as the annual cost of displaying the message as an advertisement mounted on the back of one of their buses (\$6,000 for a twelve-month period), for a total of \$6,575.00. During those discussions, CART officials also agreed to fund 50% of the local grant match, or \$657.50, with the City of Norman providing the other 50%.

An application was prepared by staff and submitted to ACOG in April of 2014, requesting a grant to fund the program. The request was reviewed and approved and ACOG offered \$5,260 in CMAQ federal funds to pay for 80% of the program's cost. ACOG staff also requested that the City approve contract K-1415-47, which describes the program and enumerates the conditions the City will need to comply with in order to receive the funds. The contract was approved by City Council on October 14, 2014.

Since then, the BAC has worked with City staff and other volunteers to develop the bus wrap design. During the BAC's meetings of October 13, 2014 and November 10, 2014, members agreed on the general concept of the design (see attached minutes of the meeting). The final concept is consistent with those recommendations and concurrence from the Community Planning and Transportation Committee of the Council is requested in order to move forward with fabrication.

Attachments

AAL

cc: Shawn O'Leary, Director of Public Works





City of Norman Bicycle Advisory Committee  
Agenda for October 13, 2014 Meeting, 6:30 PM  
City of Norman Municipal Complex  
201 West Gray, Study Session Room

### **(1) Roll Call and Introductions**

**Attendees:** Tom Woodfin, Michelle Carr, Johnathan Mullen, Kim Floyd, Lee Krumholz, Meghan Wieters

**Staff:** Angelo Lombardo

### **(2) Approval of September 2014 Meeting Minutes**

Approved as amended (missed adding Meghan Wieters to attendees)

### **(3) Agenda**

#### **A.) Discussion on design of bus wrap for bicycle safety educational campaign**

- Family of two people
- Dashed line road, no edge line, no bike line
- Child in front, Adult behind
- Car near to be able to be near the bicycle; stage with car stationary and bicycles pass and take several photos to photoshop the message on it.

#### **Location Option:**

Some university or Norman iconic feature in the photo  
Boyd – by Asp catch the Arch in the photo;  
Boyd – by Elm catch the Fred Jones in the photo;  
Lindsey/ Jenkins – catch Headington Hall (a little tricky)  
Gray Street – in front of Gray Owl

#### **Text Message on the Bus Wrap:**

Share the road  
1 m or 3 feet, please  
3 Feet, Thanks  
3 feet, Pass Safely

#### **B.) Bicyclist Traffic Counts in Norman (Angelo)**

Measuring essentially the baseline performance of the Legacy Trail

5-7 pm Wed

10-12 pm Sat

Measuring by pairs:

Duffy/Jenkins

Eufala/ Legacy  
Legacy/ Acres  
Berry/ Robinson  
24<sup>th</sup>/ Robinson  
36<sup>th</sup> / Rock Creek

Video Counts:

Boyd / Jenkins  
Robinson/Jenkins/Legacy Trail  
Along path to airport (3 points)  
36<sup>th</sup> / Tecumseh

Angelo will email the summary of the bicycle and pedestrian counts for each of the locations.

(See attached document – ped/bike counts combined into 1 Excel worksheet, Jpg map is at the end of the minutes)

C.) Adding new Bike Lanes on Identified Collector Streets

BAC should review collectors that are under 2,000 ADT or speeds recommended in ACOG Regional Bicycle Plan to determine any roads that are of concern.

BAC can add this to the agenda when a road seems to be of concern.

D.) Adding “Bicycle May Use Full Lane”

E.) Painting bike lanes (Gary)

Bike boxes – painted in various locations

Painting through intersections – identifies where cyclists should be in the intersections; clearly informs cars where the bicycles should be through the intersections

Signal and signage:

Robinson  
Peters  
University crossing Gray

New roads:

- Cedar Lane Road – will have a color agent in the mix; green
- Lindsey St. – will also have the color agent in the mix; green

Existing bicycle lanes:

- Research on types of materials;
- 6 mo – 1 year – paint wears out
- Resurfacing projects – might offer the option for asphalt mix for choice for bicycle lane
- Allow the indication for paint or other options for conflict points or

F.) Open Meetings (Angelo and James)

Emails for Committee Members  
Emails cannot be for conducting meetings

Post agenda by certain date, publicly

Question: Are there any methods of electronic discussions and decisions at all? Update on Open Meetings question on a "BAC.org" email address, archive.

G.) Status reports:

- Enforcement (OFC Perry)

Request for an update and discussion on: Bicycle related incidents, collisions in Norman

- City of Norman Updates (Angelo, James)

Bicycle may use full lanes are starting to get implemented.

Goal is to have all streets with traffic signal video detection. Approximately 60% completed.

Please note locations that are of concern for bicycles

Mercedes / Main – noted as a concern (Mullen, Wieters)

- Education, League Certify Instructors (LCI) - (Tom)
- Various people to cover various events as an LCI
- Safe Kids Oklahoma
- Potential 4H program wanted to include a bicycle education program

ODOT Bicycle Coordinator was hired → external hire; unsure on who it is

- Campus, OU Bicycle Master Plan, by Alta (Tom)

Meeting in November scheduled

Striping for Scholar's Walk

- Comprehensive Transportation Plan (CTP) - (Open)

This will be removed from the agenda as no new items/work is needed at this time.

**(4) New Business (as time permits)**

Next Meeting Nov. 10, 2014 at 6:30 pm

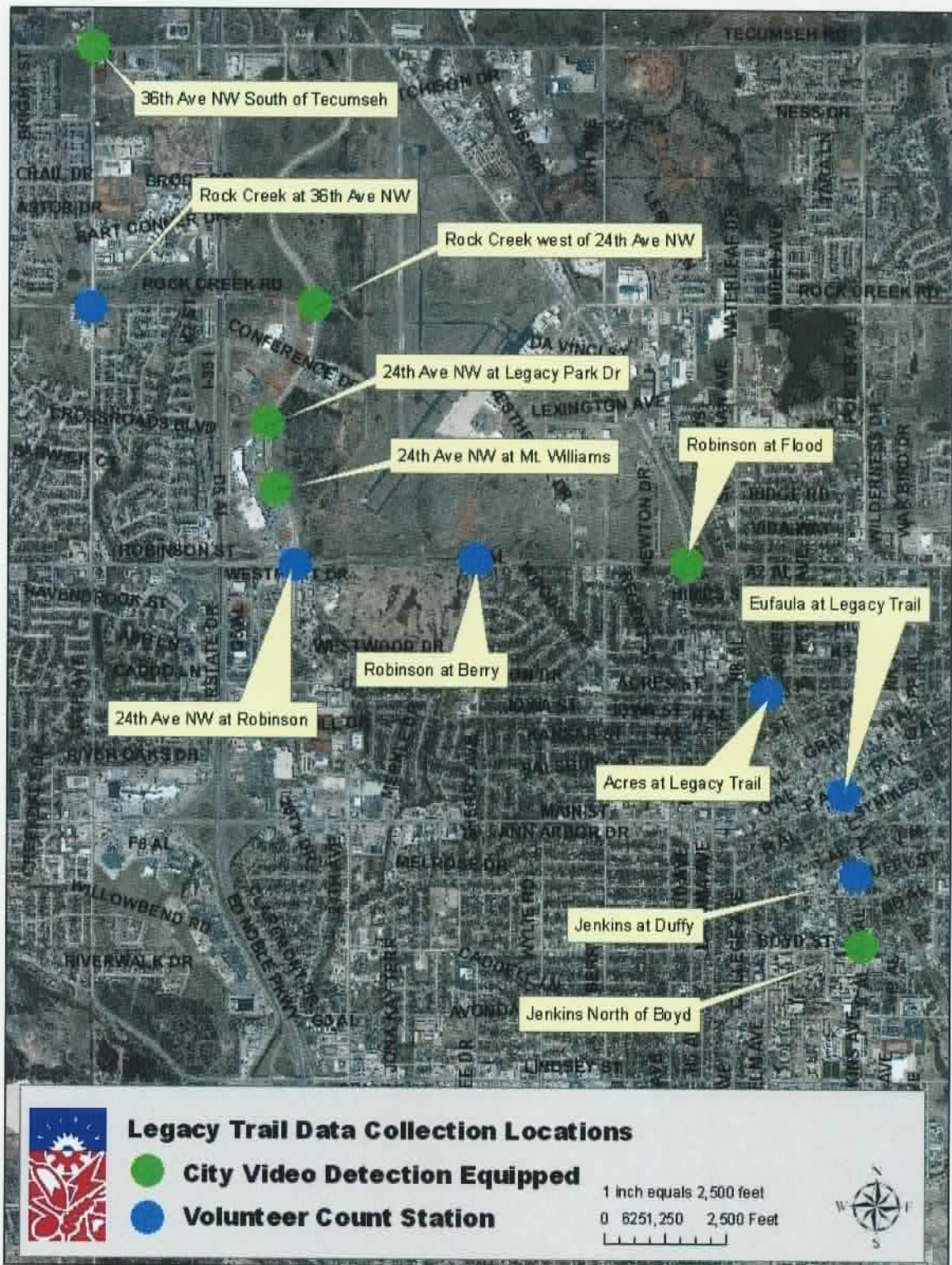
**(5) Adjournment at 7:45 pm**

Committee member	Title	Original Term	Term Begins	Term Ends	Ward	Liaison
Michelle Carr	Member		2/13/2010	2/13/2013	2	
Lee Krumholz	Member		2/13/2011	2/13/2014	4	
Gary Miller	Member	2/13/2007	2/13/2011	2/13/2014	8	
Thomas Woodfin	Chair	9/13/2007	9/13/2011	2/13/2015	6	OU
Meghan Wieters	Secretary					
Jonathan Mullen	Member				2	
Quyen Wickham	Member					
Kim Floyd	Vice Chair				6	

**Ex-officio members:**

James Briggs  
Angelo Lombardo  
OFC Katie Perry (NPD)







City of Norman Bicycle Advisory Committee  
Agenda for November 10th, 2014 Meeting, 6:30 PM  
City of Norman Municipal Complex  
201 West Gray, Rm D, Building A  
City of Norman Office Complex

**(1) Roll Call and Introductions**

**Attendees:** Tom Woodfin, Michelle Carr, Kim Floyd, Lee Krumholz, Meghan Wieters, Gary Miller, Quyen Wickham

**Staff:** Angelo Lombardo

**Visitors:** Carleen Smith (CARTS), Taylor Johnson (CARTS), Cat Scott (helping with design of bus wrap)

**(2) Approval of October 2014 Meeting Minutes**

Motion to approve: Lee Krumholz/ 2<sup>nd</sup> Tom Woodfin – all in favor; approved

**(3) Agenda**

**A. Bus Wrap follow-up (Angelo & all)**

Cat Scott is volunteering to help with the photo for the bus wrap.  
Seven different locations

- Monett Street (facing Sarkey's) – try to capture with
- College Ave (facing Goddard or Catlett)
- Cruce (facing physical sciences building)
- **Stovall (road in front of Sam Noble Museum) (second choice)**
- **Brooks Ave (near Elm) (first choice)**

Cat will get the format restrictions for photo

- Norman flag, ACOG, Bicycle Friendly Cycle logo

**Text Message on the Bus Wrap:**

Share the road - across the top  
3 feet, please (or similar options)

Photo to review at next meeting – BAC

- Then to transportation subcommittee for the City of Norman, then ACOG.
- Goal to have the bus wrap done by first quarter.

**B. SH-9 Public Meeting report & proposed MUP path (Tom)**

Tom attended and there was a handout; proposed changes to Hwy 9 to extend to 156<sup>th</sup>/Tecumseh to Little Axe community.

24<sup>th</sup> to E36<sup>th</sup> – phase 1

36 to 72<sup>nd</sup> – phase 2



**72<sup>nd</sup> to 108<sup>th</sup> this was the section of the Hwy 9 that was discussed**

4 lanes, with a paved median; 10' shoulders

- No multimodal path included – inconsistent with the Norman Comp plan
- Only meeting to give input on the design of the cross-sections

**Dispute/Discussion with ODOT:**

- Trying to restrict driveway access the 5-lane ('paved median') is essentially encouraging turning movements that were not recommended by Norman.
- Norman City Council – adopted a resolution for including a bicycle path
- ODOT would not include the bicycle path in the project but would be ok if enhancement money to construct; ODOT won't give ROW for the bicycle path within the extensive ROW that is already available that should be included in the project (ROW should be useable for the future design and construction bicycle path; without that concession creating the bicycle path will be effectively impossible)

- **LAST DAY TO SUBMIT COMMENTS TO ODOT IS TOMORROW 11/11/14**

<http://www.odot.org/meetings/other/php>

**C. BAC Slide show Update (Tom)**

James has "good photos" of some selected projects and Tom would like to incorporate them into the BAC slide show.

**D. Striping bike lanes on collector streets (Gary)**

Forward the materials to Gary Miller to review ( ACOG criteria; none of our Norman streets fit the speed and width and volumes)

**E. Status reports:**

- Enforcement (OFC Perry) – none
- City of Norman Updates (Angelo, James)

Conflict – left turning traffic trying to access IH35 ramp; bicycle/ped should not have a green/walk phase at the crossing

- Education, League Certify Instructors (LCI) - (Tom, Lee)

Few kids events; extra large helmets for kids leftover

- OU Campus / Master Plan: BFU Designation (Tom)

Bicycle Friendly campus with a bronze rating

- Comprehensive Transportation Plan (CTP) - (Open)

**(3) New Business (as time permits)**

- CARTS (Carleen Smith): Update on for grant Bicycle Rack & Repair stations → map out the locations; put on the bicycle plan map
  - Potentially looking at a repair station near the library / ideally near the bike racks – need to know where the location should be (James Briggs)
  - Add additional bike racks and repair stations near university
  - Easier access for transit and bicycle access

- Tracking the bike/transit usage – Lindsey East is highest dual usage (survey); increased bicycle usage over time
- Brooks Street station – included more bike racks at the beginning of the semester
- Maintaining of the repair stations is not resolved yet

- **Envision 2040 ACOG upcoming meeting to do goal setting ,etc.**

**(5) Adjournment 7:30 pm**

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Kim Floyd	Vice Chair				6	

**Ex-officio members:**

James Briggs  
Angelo Lombardo  
OFC Katie Perry (NPD)



Features of the bus that can not be covered

99" Wide x 89" High

# Share the Road



Allow at least 3 feet for Cyclists



## **Item 3**

# **ACOG REGIONAL TRANSIT DIALOGUE COMMUTER RAIL**

Presentation coming from ACOG