

**AGENDA - Local Road Research Board Meeting**  
**December 9, 2009 - University of Minnesota, Campus Club**  
**December 10, 2009 - Mn/DOT Bridge Office, Conf. Rm 5, Oakdale**

December 9, 2009

9:00 Breakfast/Refreshments

9:30 Chairman's Report

Agenda Review

Deb Bloom

Approval of Minutes (September 24, 2009)

Deb Bloom

Next Meeting – March 4<sup>th</sup> Stearns County Public Works

Deb Bloom

Membership Update

Deb Bloom

10:00 Budget Status

Linda Taylor/Gupthan Namboodiripad

**10:30 Break**

10:45 P2011023 - Quantifying Moisture Effects in DCP and LWD Tests – Kimberly Hill

11:15 Process Review Part I

**11:45 Lunch**

12:15 P2011065 – Developing Salt-Tolerant Sod Mixtures for Use as Roadside Turf in MN – Eric Watkins

12:45 P2011031 - Institutional Structures for Road Ownership and Financing – Michael Iacono

1:15 P2011042 – Development of a Low-Temperature Cracking-Resistant Mixture – Mihai Marasteanu

1:45 P2011062 – Low-cost “Green” Concretes for Low-volume Roadways – Derek Tompkins

**2:15 Break**

2:30 P2011021 – Stormwater Treatment Performance and Maintenance Needs of Roadside Swales  
– John Gulliver

3:00 P2011019 – Removal of Dissolved Pollutants From Runoff Associated With Linear Projects  
– John Gulliver

3:30 P2011010 – Estimating the Crash Reduction and Vehicle Dynamic Effects of Flashing  
LED Stop Signs – Gary Davis

4:00 P2011009 – Analysis of Conflicts at High Speed Stop-Controlled Intersections:  
The Role of Driver Inattention – Gary Davis

4:30 Adjourn

**December 10, 2009 LRRB Meeting**  
**Mn/DOT Bridge Office, Conf. Rm 5, 3485 Hadley Ave. No, Oakdale, MN 55128**

8:00 Coffee/Rolls

8:30 P2011001 – Examining the Efficacy of Flashing Traffic Signs – Ensar Becic

9:00 P2011064 – Warning Efficacy of Stop Signs With and Without Active Flashers  
– Michael Wade/Thomas Smith

9:30 P2011022 – Usable and Effective Haptic Interfaces for In-vehicle Decision Support  
– Caroline Hayes

**10:00 Break**

10:15 P13 P2011071 – Performance Monitoring of Olmsted CR 117 & 104 – Matthew Lebens

10:45 P14 P0000001 – RW Cadastral Research Implementation Component [50/50 with STIP]  
- Jonette Kreideweis & Rick Morey

11:15 P15 P0000002 – Hennepin/Minneapolis LED Light Study – Robert Luckow

11:45 P16 P0000003 – INV 877 Advanced Dynamic LED Warning Signs Amendment  
- Taek Kwon, Victor Lund and Brian Boder

**12:15 Lunch**

12:30 Process Review Part II (during lunch)

1:00 Rating and Discussion

**1:30 Break**

1:45 Discussion and Selection of Proposals

3:30 Adjourn

## DIRECTIONS AND PARKING INFO

Coffman Memorial Union is located on the south side of Washington Ave. just east of the Mississippi between the Weisman Art Museum and Basic Sciences.

*Coffman Memorial Union  
300 Washington Ave. S.E.  
Minneapolis, MN 55455-0110*

Phone: (612) 624-INFO

Fax: (612) 624-8749

The participants should mention that they have a reservation and they may or may not need to give their name when entering the parking ramp. Sue Lodahl will give instructions on how to get their parking paid for on exiting the ramp. They will need to take a parking ticket when they enter the ramp.

### Directions

#### From 35W:

**From the south:** As you're nearing the downtown Minneapolis area, proceed in the right lanes past downtown Minneapolis. You will follow the I-94 east split from downtown Minneapolis lanes, but do not get off on I-94. After the split, stay in the right lanes, watch for the signs directing you to the U of M/ 3rd Street exit. Remain in the right lanes that split from 35W. Follow the east bank sign, exiting off 35W. You'll merge onto Washington Avenue, once you cross the bridge over the Mississippi River, Coffman Memorial Union will be second building on your right side. Stay in the right lane, proceed to the first light and turn right onto Church Street. Turn right on Delaware Street. Coffman Memorial Union south entrance will be on your right. Drop-off locations are available on the right. Entrance into the East River Road Garage is on your left.

**From the north:** Take the University Avenue/4th Street exit. Turn left at the second set of lights, University Avenue SE. You'll be heading east toward the heart of east bank. Proceed up to Oak Street and turn right. Turn right at your next light, Washington Avenue. Coffman Memorial Union is five blocks up on the left side of Washington Avenue. To park or drop off, turn left on Church Street. Proceed to the first stop sign and turn right on Delaware Street. Coffman Memorial Union south entrance will be your right. Drop-off lanes will be on your right. Access to the East River Road parking garage will be on the left.

#### From I-94:

**From the east:** Follow I-94 towards Minneapolis and take the Huron Boulevard exit (north exit only). Turn left on Washington Avenue. Coffman Memorial Union will be approximately seven blocks up on your left side of Washington Avenue. Stay in the left lane, proceed to Church Street and turn left onto Church. From Church Street, turn right on Delaware Street. Coffman Memorial Union south entrance will be on your right. Drop-off lanes will be on your right. Access to the East River Road parking garage will be on your left.

**From the west:** Follow I-94 towards St. Paul and take the Huron Boulevard exit (north exit only). Turn left on Washington Avenue. Coffman Memorial Union will be approximately seven blocks up on your left side of Washington Avenue. Stay in the left lane, proceed to Church Street and turn left onto Church. From Church Street, turn right on Delaware Street. Coffman Memorial Union south entrance will be on your right. Drop-off locations are available on the right. Entrance into the East River Road Garage is on your left.

## Parking

### **Disability, and Short-term Parking:**

Both are available in the East River Road Garage.

**Heading east on Washington Avenue Bridge**, upon crossing the bridge over the Mississippi, stay in the right lane, proceed to the first light and turn right onto Church Street. Turn right on Delaware Street. Coffman Memorial Union south entrance will be on your right. Drop-off locations are available on the right. Entrance into the East River Road Garage is on your left. Hourly rates for parking is \$2.25.

**Heading west on Washington Avenue**, stay in the left lane and proceed up to Church Street. Turn left on Church Street; proceed to your first stop sign, Delaware Street. Turn right onto Delaware Street. Coffman Memorial Union south entrance will be on your right. Drop-off locations are available on your right. Entrance into the East River Road parking garage is on your left. Hourly rates for parking is \$2.25.

### **Parking & Transportation Services Web site Information**

- [Directions to campus and list of maps](#)
- [Large Minneapolis Campus Map](#)

If you have questions about any of this information please contact Parking and Transportation Services:

- web: <http://www.parkandtrans.umn.edu/>
- phone: (612)626-7275
- email: [parking@umn.edu](mailto:parking@umn.edu)

## **DIRECTIONS TO Mn/DOT BRIDGE OFFICE OAKDALE – Day 2**

3485 Hadley Avenue, No.  
Oakdale, MN  
651-366-4500

Off 694 and Hwy 5  
North of I-94  
South of Hwy 36

Off 694, go West on Hwy 5  
Take a right on Hadley