



## MEETING AGENDA

### **TxDOT Bicycle Advisory Committee (BAC)**

Tuesday, October 27, 2015 | 10:00 A.M.

200 E. Riverside Drive, Bldg. 200, Conference Room C (RA200C)

Austin, TX 78704

Teleconference Available for BAC Members

1.	Call to Order.
2.	Safety briefing.
3.	Approval of minutes from July 27, 2015, BAC meeting. (Action)
4.	Recognition of new BAC members.
5.	Report from BAC Chair.
6.	Report from TxDOT's Public Transportation Division Director regarding statewide bicycle and pedestrian matters.
7.	Presentation and discussion on TxDOT's use of seal coat/chip seal.
8.	Update on the status of Safe Routes to School non-infrastructure projects. (Action)
9.	Presentation and discussion on TxDOT's draft Bicycle Strategic Direction Report. (Action)
10.	Discussion of BikeStripe program and pilot project requirements. (Action)
11.	Update from committee members on local and statewide issues.
12.	Public comment – public comments will only be accepted in person.
13.	Discussion of BAC 2015 meeting schedule and agenda items for future BAC meetings; confirm date of next BAC meeting. (Action)
14.	Adjourn. (Action)

I certify that I have reviewed this document and that it conforms to all applicable Texas Register filing requirements.

CERTIFYING OFFICIAL: Angie Parker, Associate General Counsel, (512) 463-8630.

TEXAS DEPARTMENT OF TRANSPORTATION



## SEAL COATS AND CYCLING

Processes and challenges



10/5/2015

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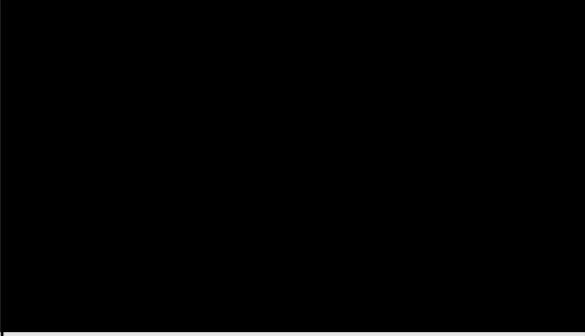
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### What is a Seal Coat? – TxDOT Video



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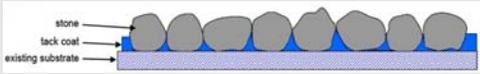
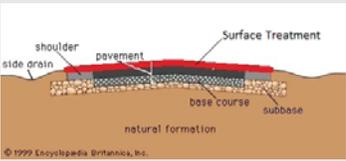
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### What is the purpose of a seal coat?

- Maintain safety of the road network (skid resistance)
- Preserve the pavement structure (waterproofing)



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### Why do we use seal coats? – cost effective

Treatment Type	\$/sq yard	\$/ lane mile
Seal Coat Grade 4	\$1.80	\$15,840
Microsurfacing	\$3.75	\$33,000
Thin Overlay Mix (TOM) 3/4"	\$5.75	\$50,600
Hot Mix Asphalt 1.5" Type D	\$6.80	\$59,840
PFC 1.5"	\$8.45	\$74,360

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How is a seal coat made? - Binder is sprayed



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How is a seal coat made? - Aggregate is spread



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How is a seal coat made? - Aggregate is rolled in



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### How is a seal coat made? – Rock Selection



**Grade 3 Aggregate**      **Grade 4 Aggregate**      **Grade 5 Aggregate**

- Factors in selection
  - Type of roadway
  - Volume and type of traffic
  - Noise factor
  - Availability
  - Aggregate properties
  - Cost

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### Our Challenges



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### Our Challenges



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**Cooperating with the cycling community – Potential options**

**As described in John Barton's memo dated 4/13/2009:**

- Use smaller seal coat aggregates
- Use smaller seal coat aggregates on the shoulders
- Use fog seal on the existing shoulders
- Use smaller aggregate on the top course of multiple course seal coats

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**Cooperating with the cycling community**

- Identify routes with high commuter or recreational bicyclists.
- Identify event routes (e.g. MS 150)
- Identify areas of concern (sweeping, etc.)

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**Questions?**



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TEXAS DEPARTMENT OF TRANSPORTATION



## BICYCLE PROGRAM STRATEGIC DIRECTION REPORT

TxDOT Bicycle Advisory Committee

October 27, 2015

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### Bicycle Advisory Committee Meeting Presentation

- Provide an overview of the Strategic Direction Report
- Encourage discussion and provide an opportunity for feedback on the report
- Request endorsement of the report from the Bicycle Advisory Committee



TxDOT PTN - Bicycle and Pedestrian Strategic Direction Report 2

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### What is the Strategic Direction Report?

- Strategic Direction Report provides TxDOT with:
  - An overview of current conditions, policies and programs
  - Short-term guidance in developing the bicycle and pedestrian program
  - A reference document for staff, policy makers and stakeholders



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**Priority Area: Expand the bikeway network**

**Potential Outcomes:**

- Interactive bikeway map
- District bikeway maps
- Future Rails-to-Trails conversions
- Identification of future bikeway investments
- Statewide route designations



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**Priority Area: Build safer and better bike/ped accommodations**

**Potential Outcomes:**

- More bicycle lanes and shared use paths
- Guidelines for the consideration of bicycle and pedestrian accommodations
- TxDOT Complete Streets Policy
- Endorsement of the National Association of City Transportation Officials (NACTO) Guide
- Typical sections for bicycle design
- Traffic calming measures, where appropriate
- Road or lane diets for some roadways



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**Priority Area: Provide training engineers, planners & const. staff**

**Potential Outcomes:**

- More and better bicycle and pedestrian accommodations
- More inclusive roadway designs
- Staff will become more familiar with bicyclists needs and the associated resources to design better bikeways



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**Priority Area: Educate public on safer driving, bicycling & walking**

**Potential Outcomes:**

- Bicycle Safety Guide
- Handle-bar hanger
- Interactive Bikeway map
- Information and materials on TxDOT website
- Email newsletter and District Bicycle Coordinator contact list
- Support for educational programs Funding for safety and education programs
- Materials for law enforcement training



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**Priority Area: Encourage people to walk and bicycle**

**Potential Outcomes:**

- Statewide Bike to Work Day
- Statewide bicycle map to support bicycle tourism
- Partnerships with health organizations
- Support efforts that quantify health and economic impacts of walking and bicycling
- Funding for Safe Routes to School projects
- TxDOT Employer-based Transportation Demand Management Program



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**Priority Area: Develop statewide management systems**

**Potential Outcomes:**

- Annual safety briefing materials
- Guidelines for gathering pedestrian and bicycle data (counts, facilities, etc.)
- Map including descriptions of bicycle accommodations and the adjacent roadway
- Map, list and descriptions of planned bicycle accommodations
- State-owned count equipment
- Repository for all bicycle-related information
- Data on bicycling and walking usage and mode share



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**Priority Area: Fund more bicycle and pedestrian projects**

**Potential Outcomes:**

- Continued funding through the Transportation Alternatives Program (TAP)
- Additional funding available
- Bicycle program pilot program



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**Discussion**

Questions?  
Comments?  
Suggestions?

Thank you!



-  Support funding sources
-  Share with localities, tribes, and other stakeholders
-  Provide training for engineers, designers and researchers
-  Share with public works, utility, planning, and other agencies
-  Encourage partnerships with local groups
-  Share with local business and industry groups
-  Share with local and state agencies

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