



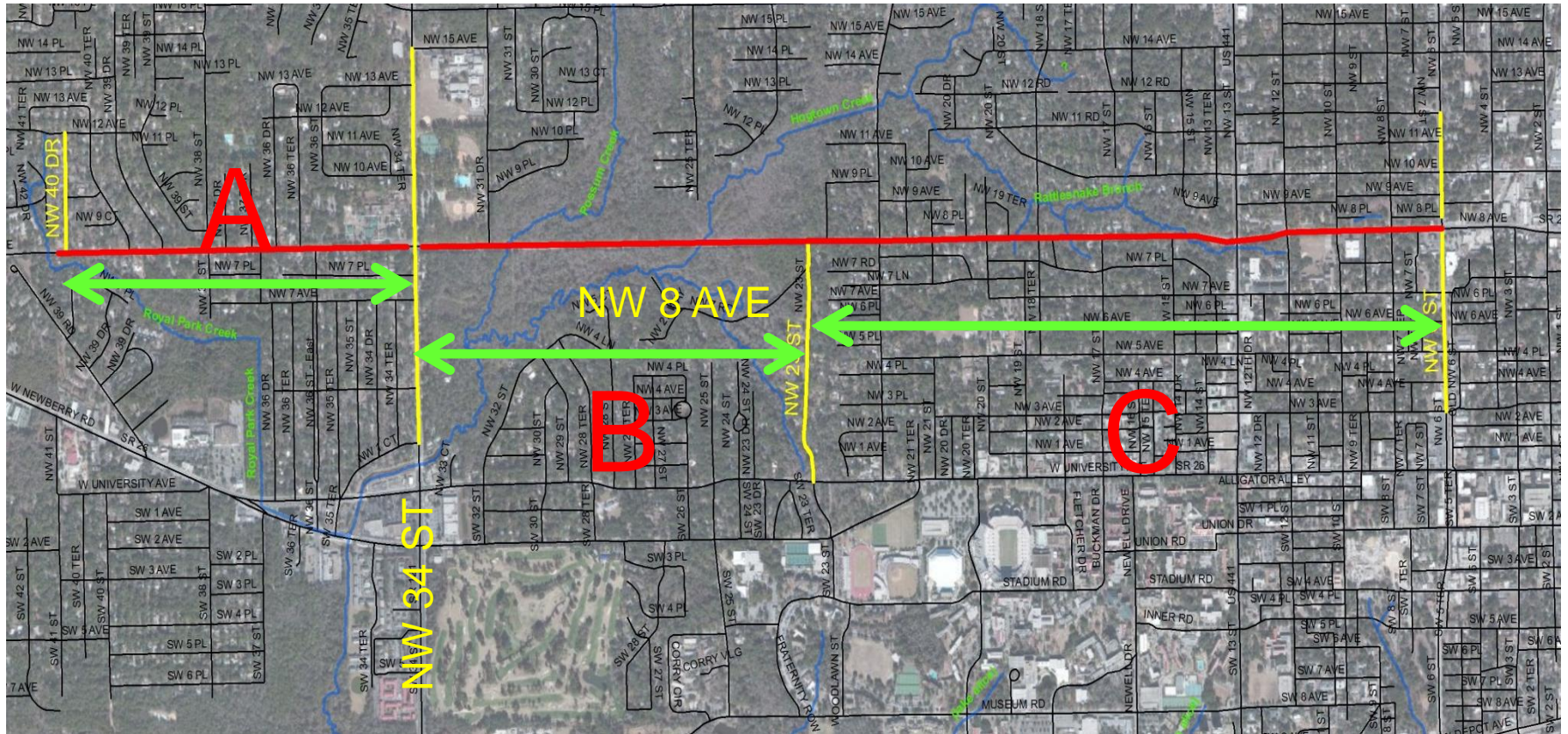
## Public Works Department

# NW 8<sup>th</sup> Ave Project

May 2, 2013

- Project Length: **3.31 miles**
- Project Limits:
  - East of NW 40<sup>th</sup> Drive to NW 6<sup>th</sup> Street
- Needs:
  - Restore pavement
  - Upgrades in safety and aesthetics
- Funding
  - Local Option Gas Tax: \$3,640,000

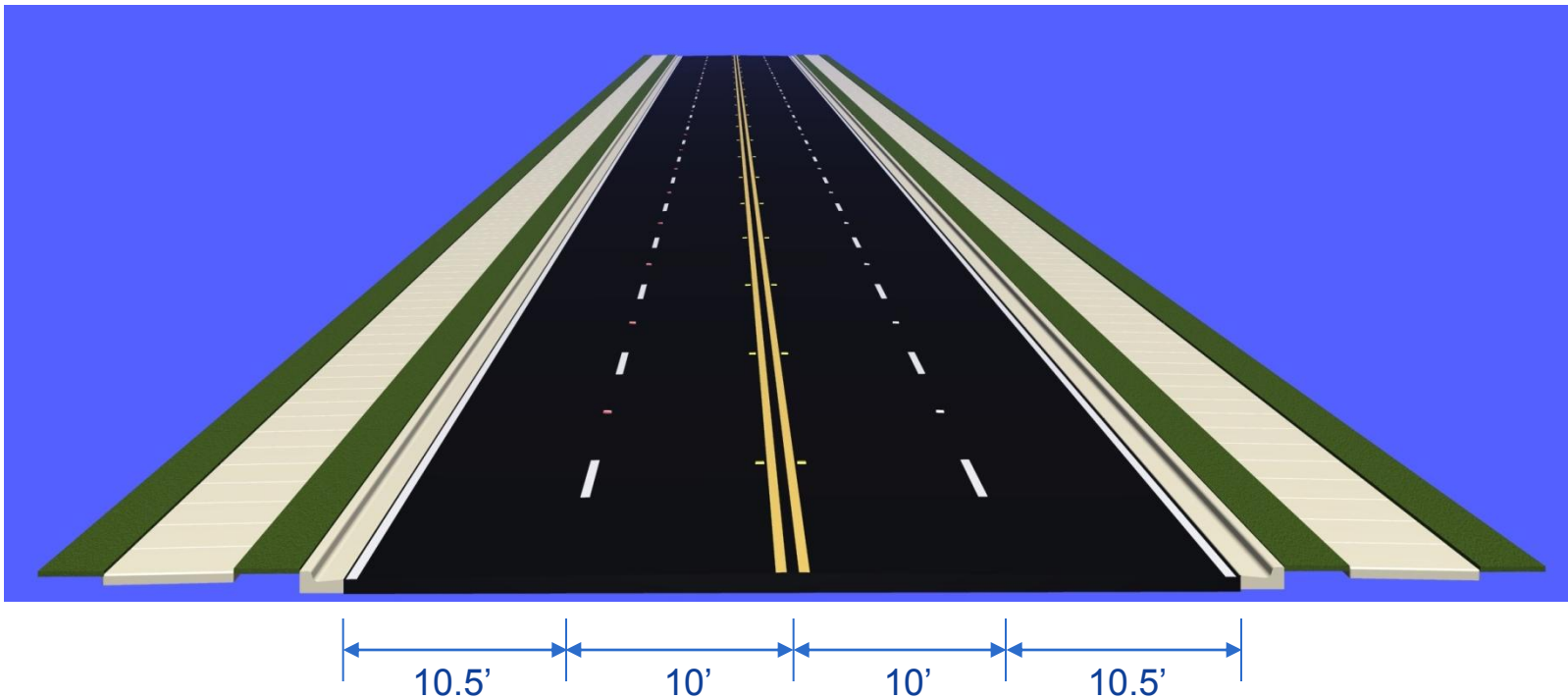
## Segments: A, B and C



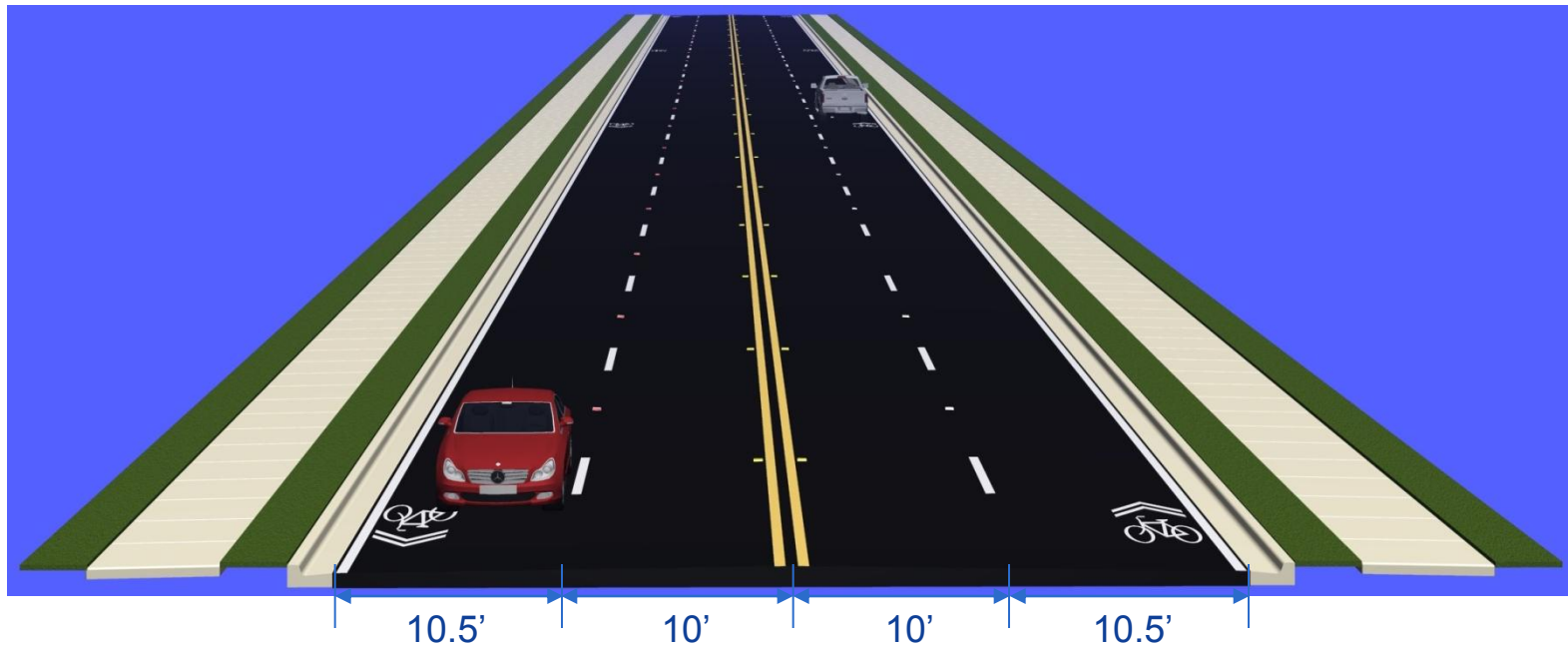
## ■ Public Meetings and Workshops:

- March 8, 2011 – Fifth Avenue neighborhood association
- March 29, 2011 – University Park neighborhood association
- April 10, 2011 – Landmark Woods HOA
- April 14, 2011 – Woodland Terrace HOA
- April 21, 2011 – Bicycle Pedestrian Advisory Board (BPAB)
- May 11, 2011 – Public Meeting at Westside Park
- March 22, 2012 – Bicycle Pedestrian Advisory Board (BPAB)
- July 25, 2012 – Technical Advisory Committee (TAC)
- July 25, 2012 – Citizens Advisory Committee (CAC)
- July 26, 2012 – Bicycle Pedestrian Advisory Board
- **October 30, 2012 – City Commission Public Workshop**

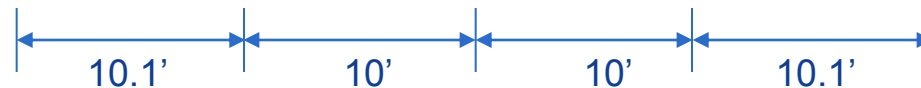
- **Segment A – NW 40<sup>th</sup> Dr. to NW 34<sup>th</sup> St.**
  - **Alternative A1:** Mill & resurface then re-stripe to current lane configuration: **Est. Cost: \$325,220**



**Alternative A2:** Mill & resurface then add sharrows lanes, includes reducing speed limit to 35 MPH:  
**Est. Cost: \$327,140**



- Segment B – NW 34<sup>th</sup> St to NW 23<sup>rd</sup> St.
  - **Alternative B1:** Reconstruct and re-stripe to same 4 lane configuration: **Est. Cost: \$876,560**



## **Alternative B2:**

Alternative B1 with 8' wide elevated boardwalk

- **Est. Cost: \$1,664,560**

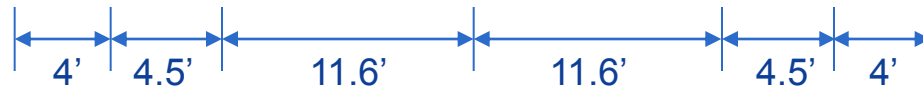
## **Alternative B3:**

Alternative B1 with 8' wide sidewalks

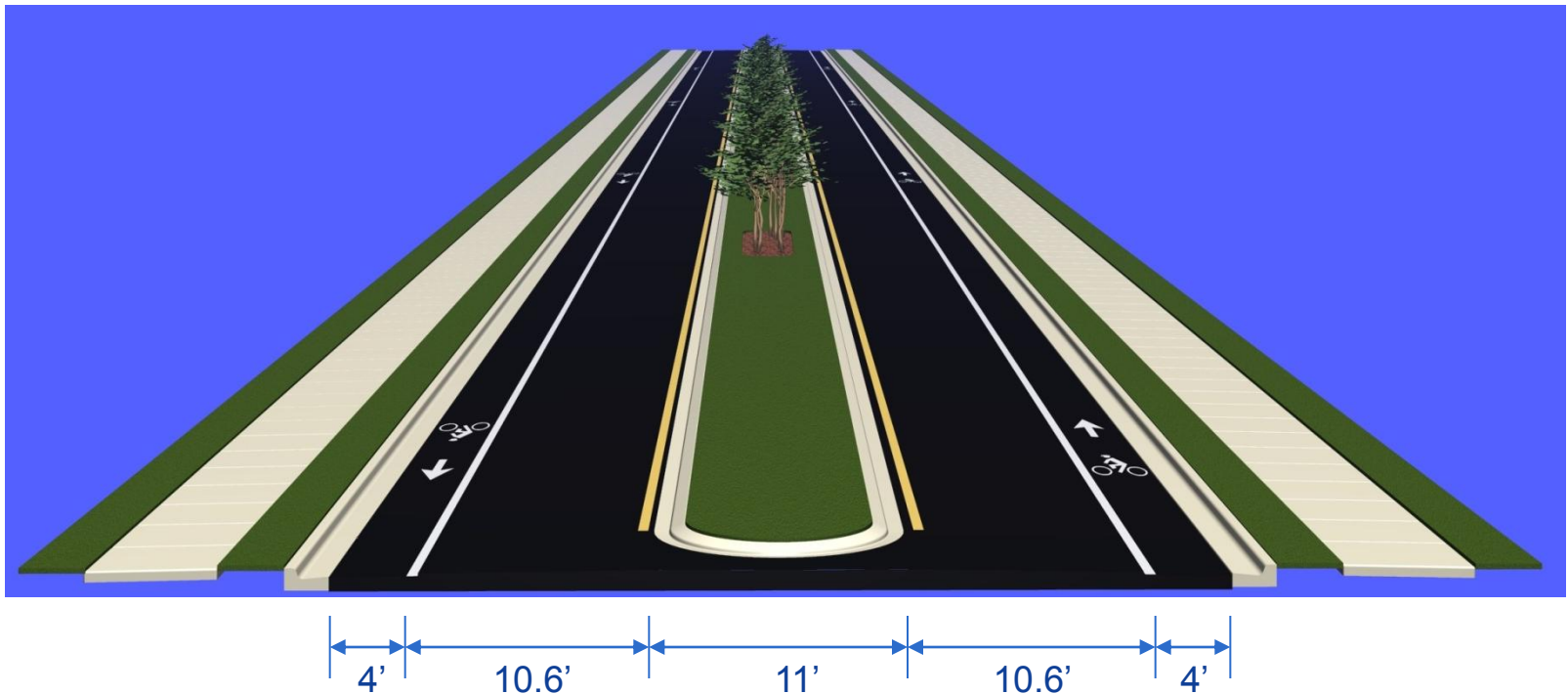
- **Est. Cost \$1,110,560**



**Alternative B4:** Reconstruct and restripe to 2 travel lanes including buffered bike lanes: **Est. Cost: \$887,720**



**Alternative B5:** Reconstruct and re-stripe to 2 travel lanes including raised median and bike lanes: **Est. Cost: \$823,060**



**Alternative B6:** Reconstruct and re-stripe to 2 travel lanes with raised median & buffered bike lanes: **Est. Cost: \$852,680**



## Options for Segment B

**Option 1:** Provide wider sidewalks (8 feet) to both sides of roadway:

**-Est. Addl Cost: \$234,000**

**Option 2:** Add landscaping and irrigation to median:

**-Est. Addl Cost: \$100,000**

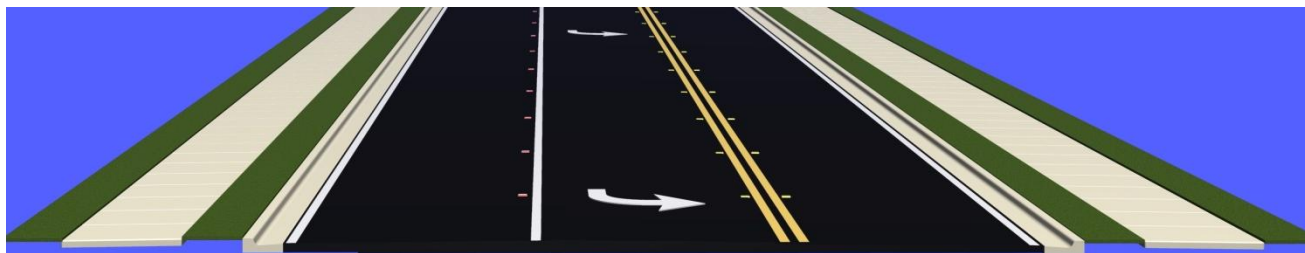
**Option 3:** Add LED lighting in median and along sidewalk:

**-Est. addl Cost: \$700,000**

- **Segment C – NW 23<sup>rd</sup> St to NW 6<sup>th</sup> St.**
  - **Alternative C1:** Reconstruct and re-stripe to current lane configuration: **Est. Cost: \$1,334,020**



6.5' 11.6' 11.6' 6.5'



12.1' 12' 12.1'

**Alternative C2:** Reconstruct and re-stripe to 2 travel lanes with sharrow markings and parking on both sides (NW 18th Terr. To NW 15th St.): **Est. Cost: \$1,337,760**

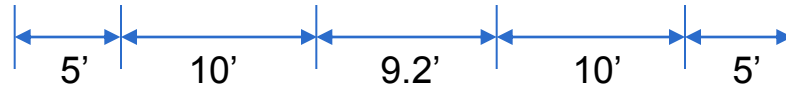
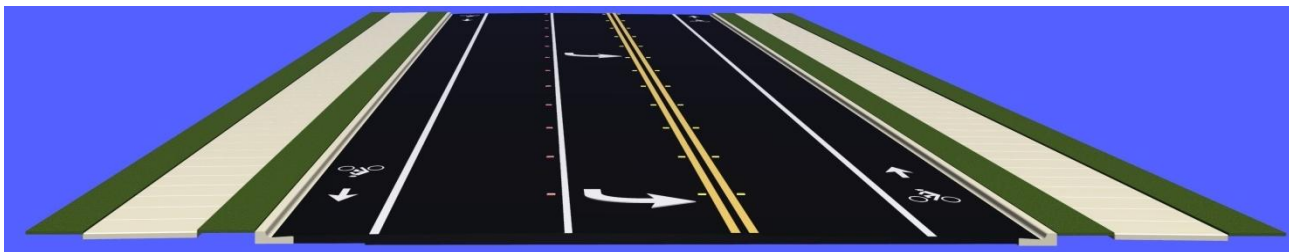
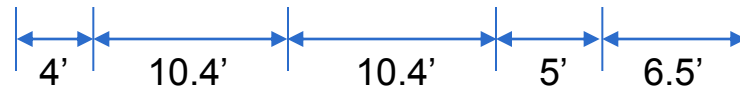
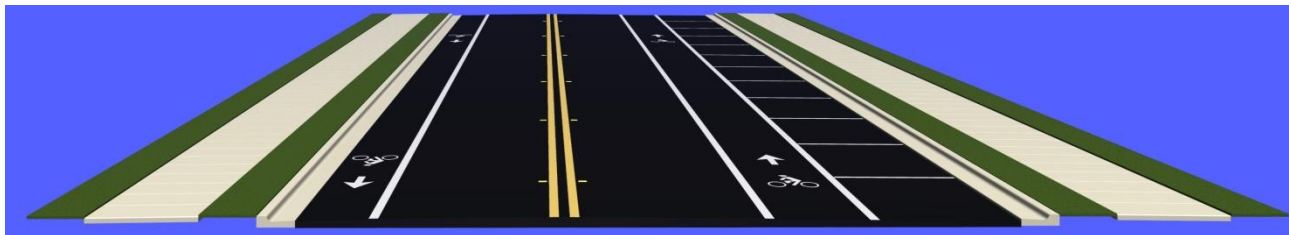


6.5' 11.6' 11.6' 6.5'



12.1' 12' 12.1'

**Alternative C3:** Reconstruct and re-stripe including bike lanes and parking along south side (NW 18<sup>th</sup> Terr. To NW 15<sup>th</sup> St.): **Est. Cost: \$1,581,100**



## Staff Recommendation

### Alternative A1

- Mill & resurface then re-stripe to current lane configuration: **Est. Cost: \$325,220**

### Alternative B5 (Modified)

- Reconstruct and re-stripe to 2 travel lanes including a  painted  median and bike lanes: **Est. Cost: \$823,060**

*\*A trial period is proposed to determine if the new lane configuration should be made permanent and a raised median be constructed*

### Alternative C3

- Reconstruct and re-stripe including bike Lanes and parking along south side (NW 18<sup>th</sup> Terr. To NW 15<sup>th</sup> St.): **Est. Cost: \$1,581,100**

**Total Estimated Cost: \$2,729,380 (excl. costs for trial eval~\$25K)**

*\*An option to include widening of all the sidewalks in Segment B and approx. 50% of sidewalks in Segment C to 8 feet is estimated to cost an additional \$234,000 and \$175,000, respectively.*



## *Alternative Recommendation A*

Alternative A1: Mill & resurface then re-stripe to current lane configuration: **Est. Cost: \$325,220**; As recommended by staff

Alternative B5: Reconstruct and re-stripe to 2 travel lanes including a raised median and bike lanes: **Est. Cost: \$823,060**

- No trial period will be provided

Alternative C3: Reconstruct and re-stripe including bike Lanes and parking along south side (NW 18th Terr. To NW 15th St.): **Est. Cost: \$1,581,100**; As recommended by staff

**Total Estimated cost: \$2,729,380**

*\*An option to include widening of all the sidewalks in Segment B and approx. 50% of sidewalks in Segment C to 8 feet is estimated to cost an additional \$234,000 and \$175,000, respectively.*

## *Alternative Recommendation B*

Alternative A1: Mill & resurface then re-stripe to current lane configuration: **Est. Cost: \$325,220;** As recommended by staff

Alternative B1: Reconstruct and re-stripe to existing 4 lane configuration: **Est. Cost: \$876,560**

Alternative C3: Reconstruct and re-stripe including bike Lanes and parking along south side (NW 18th Terr. To NW 15th St.): **Est. Cost: \$1,581,100;** As recommended by staff

**Total Estimated cost: \$2,782,880**

*\*An option to include widening of all the sidewalks in Segment B and approx. 50% of sidewalks in Segment C to 8 feet is estimated to cost an additional \$234,000 and \$175,000, respectively.*

# Questions & Comments?