Archer Braid Trail

Phase 2: 60% Design Plans

Metropolitan Transportation Planning Organization

February 4, 2013
SW 91st Street Segment
Existing Conditions – SW 91st Street

- 100’ Right-of-Way
- No Sidewalks or Pathway within Right-of-Way
- Drainage Swales Both Sides except at SW 46th Blvd.
- Raised Median/ Curb and Gutter at SW 46th Blvd.
- Vegetation and Trees to back of swale
- Minor Utilities
Proposed Alignment – SW 91st Street

- Trail To Be Located On West Side of Roadway
- Trail To Be Located Near West R/W Line
- Most Of The Trail Located 2’ Off West R/W Line
- Exceptions:
  - 10’ +/- Off Pavement Edge Along Retention Area
  - Beyond Stop Bar At Intersections
Proposed Typical – SW 91st Street

WEST ROW LINE

MATCH EXISTING GRADE

50' - SW 91ST STREET (100' RM)

VARIES (2' MIN.)

2'

10' TRAIL

VARIES

8' SHOULDER

12'

CENTERLINE ROADWAY
Deviation from the R/W – SW 91st St.

- SW 65th Avenue
- Beyond Stop Bar
- Increase Visibility
Deviation from the R/W – SW 91st St.

- SW 65th Avenue Intersection
Deviation from the R/W – SW 91st St.

- Retention Basin 2
- Capacity Preserved
- Avoid Volume Reduction
Deviation from the R/W – SW 91st St.

- Retention Basin 2
Deviation from the R/W – SW 91st St.

- SW 61st Avenue
- Beyond Stop Bar
- Increase Visibility
Deviation from the R/W – SW 91st St.

- SW 61st Avenue
Deviation from the R/W – SW 91st St.

- Retention Basin 1
- Capacity Preserved
- Avoid Volume Reduction
Deviation from the R/W – SW 91st St.

- Retention Basin 1

12/10/2009
Deviation from the R/W – SW 91st St.

- Limited Right-of-Way
- Vegetation Impacts

12/10/2009
Deviation from the R/W – SW 91st St.

- SW 91st Street south of SW 46th Boulevard

12/10/2009
SW 46th Boulevard Segment
Existing Conditions – SW 46th Blvd.

- 100’ Right-of-Way
- Centerline Of Roadway 2’ South & West Of C/L
- No Sidewalks Or Trails Within Right-of-Way
- Drainage Swales Both Sides Except At SW 91st St.
- Raised Median/ Curb And Gutter At SW 91st St.
- Vegetation/Trees/Swale Back
- Minor Utilities
Proposed Alignment – SW 46th Blvd.

- Trail To Be Located Near North R/W Line
- Most Of The Trail Located 2’ Off North R/W Line
- Exceptions:
  - Meander To Avoid Obstacles Near SW 91st Street.
  - Beyond Areas Of Steep Embankment
  - 10’ South Of North R/W Line Near SW 75th Street

12/10/2009
January 22nd BoCC moves path to 2’ from the right-of-way line wherever possible.
SW 91st Street/SW 46th Blvd. Intersection

- Limited Right-of-Way
- Grade Change
SW 91st Street/SW 46th Blvd. Intersection

- Limited Right-of-Way
- Grade Change

January 22nd BoCC revision narrows path to 8’ from 10’ in this area
Deviation from the R/W – SW 46\textsuperscript{th} Blvd.

- SW 88\textsuperscript{th} Court
- Beyond Stop Bar
- Increase Visibility
Deviation from the R/W – SW 46th Blvd.

- SW 88th Court
Deviation from the R/W – SW 46th Blvd.

- SW 86th Terrace
- Beyond Stop Bar
- Increase Visibility
Deviating from the R/W – SW 46th Blvd.

- SW 86th Terrace
Deviation from the R/W – SW 46th Blvd.

- North/South “Leg”
- Drainage Ditch
- Steep Grades
Deviation from the R/W – SW 46th Blvd.

- North/South “Leg”
Deviation from the R/W – SW 46th Blvd.

- SW 83rd Terrace
- Beyond Stop Bar and Behind Storm Inlet
- Increase Visibility
Deviation from the R/W – SW 46th Blvd.

- SW 83rd Terrace
Deviation from the R/W – SW 46th Blvd.

- SW 81st Terrace and Ditch Crossing
- Beyond Stop Bar
- Increase Visibility
Deviation from the R/W – SW 46th Blvd.

- SW 81st Terrace
Deviation from the R/W – SW 46th Blvd.

- Ditch Crossing at Pasture
- No Need for Handrail
Deviation from the R/W – SW 46th Blvd

- Ditch Crossing
Deviation from the R/W – SW 46th Blvd.

- Tower Road Intersection
- Haile Plantation Signage
Deviation from the R/W – SW 46th Blvd.

Tower Road Intersection

January 22nd BoCC revision moved path to 4’ from right-of-way line in front of sign
SW 75th Street and SW 41st Place Segments
Existing Conditions – SW 75th Street

- Right-of-Way Varies From 110’ to 167’
- 5’ Sidewalks Within Right-of-Way
- Drainage Swales Both Sides Except @ Archer Rd.
- Urbanized With Minimal Vegetation And Trees
- Major Utilities
Proposed Alignment – SW 75st Street

- Trail To Be Located On East Side of Roadway
- East Side Of Trail Coincides With Existing Sidewalk
- Exceptions:
  - Kimball Elementary School/Outside R/W/At Existing Sidewalk Edge
  - Beyond Stop Bar At Intersections

12/10/2009
Proposed Typical 2 – SW 75th Street

CENTERLINE ROADWAY

12'  8'  VARIES

SHOULDER

50' - SW 75TH STREET (100'-188' R/W)

VARIES

EAST R/W LINE

8'  3'  5'  2'

TRAIL

2% MAX.

6.1  6.1

EXISTING SIDEWALK

KIMBALL WILES ELEMENTARY SCHOOL

12/10/2009
Existing Conditions – SW 41st Place

- 80’ Right-of-Way
- No Sidewalks or Trails Within Right-of-Way
- Poorly Defined Drainage Swales
- FEMA 100 Year Flood Plain
- Vegetation and Trees to Back of Swale
- Minimal Horizontal and Vertical Geometry Change
- Minor Utilities
Proposed Alignment – SW 41st Place

- Trail To Be Located On South Side Of Roadway
- Trail Located Along South Right-of-Way Line
- Exceptions:
  - Near SW 75th Intersection
  - Beyond Stop Bar At Intersections
Proposed Typical – SW 41st Place
Project Schedule

- February 4th – Metropolitan Transportation Planning Organization
- March 2013 – Final Plans to FDOT
- April 2013 – Bidding
- Fall 2013 - Construction
Questions
Archer Braided Trail