CMAP Bicycle & Pedestrian Task Force
3/15/2017

Kane County
Kane Kendall COM

BICYCLE & PEDESTRIAN PROGRAMS UPDATE
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Initiatives

- KKCOM STP Methodology Update
- Fox River Trail Signage Program Update
- KDOT ADA Transition Plan
- KDOT Long Range Transportation Plan Outreach
- KDOT Impact Fee Program
- Recent & Programmed Bike/Ped Projects

Kane Kendall Council of Mayors

- 3 Committees
  - Full Council
  - Transportation Policy Committee
  - Bicycle/Pedestrian Committee
- 33 communities and 2 Counties
- Program about $8 million/year in STP-L ($40 million 5-year program)
- 2016 - New/Updated STP Methodology & Policies
NEW/UPDATED KKCOM
STP METHODOLOGY

- 3 Categories of Projects
  - Resurfacing Projects
  - Transportation Control Measure Infrastructure
  - Roadway & Intersection Reconstruction

ROADWAY & INTERSECTION RECONSTRUCTION

Roadways & Intersections (100 pts total)

- 15 pts - Regional Impact
  - 10 pts - Functional Class
  - 5 pts - Impact Route
- 15 pts - Safety
- 30 pts - Traffic Volume & Level of Improvement
  - 20 pts - Traffic Volume
  - 10 pts - Type of Improvement
- 10 pts - Signal Interconnect, New Signals, etc...
- 6 pts - Existing Signals, Intersection Realignment, etc...

- 25 pts - Local Commitment
  - 5 pts - Local Commitment to fund Phase 2
  - 10 pts - 5 pts for additional sponsor (up to 2)
- 5 pts - Draft PDR at IDOT
- 3 pts - Phase 1 in Progress
- 15 pts - Multimodal Components

MULTIMODAL INFRASTRUCTURE COMPONENTS - 15 PTS TOTAL

- Bicycle & Pedestrian Infrastructure (new)
  - 7 pts - Includes Multiuse Path
  - 5 pts - Includes On-street Bike Facility
  - 5 pts - Includes Sidewalk
- Multiuse Path Regional & Local Connectivity
  - 5 pts - Extends Regional Trail Network
  - 5 pts - Connects to 2 Existing Trails
  - 4 pts - Connects to Existing Regional Trail
  - 3 pts - Connects to 1 Existing Trail
- Transit Connectivity
  - 5 pts - Connects to Train Station or Bus Stop
  - 5 pts - Project Adds New Bus Shelters
**FOX RIVER TRAIL SIGNAGE PROGRAM UPDATE**

- Created in 2003 by Kane County DOT, FPD Kane County, & Kane County Council of Mayors
- Specified
  - Types of signs to be placed along Fox River Trail
  - Regulatory
  - Cautionary
  - Informational
- Where signs should be placed
- KDOT purchased signs/posts and Local Agencies were in charge of installation

**FOX RIVER TRAIL**

- 38.3 miles long (43 miles of trail)
- Off-Street Trail, On-Street Trail, Bike Route
- Many Jurisdictions
  - 13 Communities
  - 3 Parks & Rec Departments
  - 3 Local Park Districts
  - 3 Multijurisdictional Park Districts
  - 2 County Forest Preserve Districts
  - 1 Township Highway District
- Connects to 8 Regional Trails/Corridors

**FRTSPU - NEED TO UPDATE??**

Fox River Trail Sign Posts (and Connecting Trails)

- 611 Sign Posts*
  - 186 Posts with 1 Sign
  - 238 Posts with 2 Signs
  - 85 Posts with 3 Signs
  - 61 Posts with 4 Signs
  - 6 Posts with 5 Signs
  - 1 Post with 6 Signs
- Road Crossings
  - 96 Sign Posts
    - 53 Posts with 1 Sign
    - 41 Posts with 2 Signs
    - 2 Posts with 3 Signs
- 1,197 Individual Signs
- 141 Individual Signs
**FRTSPU - Need to Update??**

- 32 Mile Markers in Field (Should be 43)
- Largest Distance Between Mile Markers: 1.11 Miles
- Shortest Distance Between Mile Markers: 0.83 Miles
- Average Mile is Short -0.18 Miles
- Maximum Distance Off: -0.52 Miles
- Comparison to Original Plan
  - 308 of the original signs could be evaluated
  - 133 still implemented
  - 149 not implemented or were removed
  - 26 variations implemented

**FRTSPU - Outreach**

- 2 Steering Committee Events
- Mapping Activity
- Questionnaires
- Signage Preference Survey
- Other Stakeholder Group Outreach
  - Bike Shops
  - Downtown Groups
  - Bike/Running Clubs
- One-on-one Meetings

**FRTSPU - Recommendations**

- 19 Participating Local Agencies
- 1,002 Signs should remain in place
- 203 Signs should be removed
- 133 Signs should be moved to another post
- 1,081 new signs
  - Missing Regulatory Signs
  - New Wayfinding Signs
  - Additional Cautionary Signage
- 28 Long-Term Recommendations
- Local agencies are encouraged to continue to install signs along and around Fox River Trail
**KDOT ADA Transition Plan**

- American with Disabilities Act (ADA) requires all facilities in the public right-of-way to complete a self-evaluation and inventory of all sidewalks, curb ramps, and bus shelters. (ADA/Section 504)
- Buildings
- Bus Shelters
  - Slopes, Widths, Heights, Locations, Seating, etc.
- Intersections
- Curb Ramps
  - Slopes, Widths, Detectable Warnings, etc.
- Pedestrian Signals
  - Count Down Timers, Button Width, Height, etc.
- Sidewalks
  - Slopes, Widths, Locations, Transitions, etc.
- Also need Public Outreach, Post Plan Online, & Establish a Grievance Procedure
QUICK STATISTICS

- Over 800 Commercial/Street intersections on KDOT roads
- 280 Intersections requiring some type of inspection
- Curb Ramps and Bus Shelters
- 848 Curb Ramps on KDOT right-of-way (May 31 - July 15, 2016)
- 29 Bus Shelters on KDOT right-of-way (July 26 - July 27, 2016)
- 48 Miles of Sidewalk & Trail within/near KDOT right-of-way (September 2016)

DATA COLLECTION

- Raw data collected using iPad & doForms App
- ArcGIS Online
  - Import data into shapefiles
  - Create a web map & application
- Microsoft Excel & ArcGIS ArcMap
  - Use parameters to prioritize facilities needing modifications
  - Field Data
  - Location (Proximity to transit, parks, schools, etc.)

DATA PRIORITIZATION

- Field Data
  - Each question assigned a certain point value
  - 150 point maximum
- Location
  - 50 point maximum
- Categories (1-10 point scale)
  - Population Density
  - Senior Population Density
  - Disabled Population Density
  - Distance from Public Places
  - Distance from fixed route transit
**NEXT STEPS FOR ADA PLAN**

- Training KDOT Staff
- Piggybacking improvements on existing projects
- Setting timeline/budget for Individual ADA Improvements
- Perfecting the Internal Process of a filed Grievance
- Coordinating Internal Coordination
- Updating a certain % of Plan Yearly

**KDOT LRTP OUTREACH**

- Metroquest Outreach Strategy
- Rank Priorities
- Map Exercise
- Walking/Biking, Transit, Safety, Roadway Improvement & Congestion
- Goal to reach 1,000+
- Reached ~2,400
- ~4,200 Map Comments
- 661 tagged as Walking/Biking

**KDOT IMPACT FEE PROGRAM**

Promoting Land Uses Compatible with Healthy Living

- Transit Availability
- Proximity to Multiple Land Uses
- Density
- Walkability
RECENT PROJECTS
* Kane County DOT
* South Street Tunnel
* Anderson Road
* New Road w/Sidepath
* Geneva Branch IIP @ Kirk Road
* Mid-Block Crossing Improvement
* Maple Ave - Carpentersville (STP-L, ITEP & TMP)
* Reconstruction w/Sidepath
* South St - Elgin
* New Road w/Sidepath
* River St Promenade - Elgin
* Reconstruction w/Ped/Bike Mixed Area
* Fox River Trail Gap - Aurora
* Reconstruction w/On-Street Trail
* Brunner FP Path - FP Kane County
* IL-47 Improvements - Yorkville (ITEP & TARP)
* Game Farm/Somonauk St - Yorkville (STP-L)
* Reconstruction w/Sidepath

STP Update  FRTSP Update  ADA Plan  LRTP Outreach  Impact Fees  Other Projects

FUTURE KDOT PROJECTS
* 2017/2018 Kane & Northern Kendall County Bike Map
* ADA Improvements
* Trail Resurfacings
* Longmeadow Pkwy Sidepath
  * 1.25 existing miles resurfaced
  * 0.8 miles constructed 2016
  * 3.55 miles to be constructed (CMAQ)
* Kirk Rd over UP RR (STP-Bridge)
* Sidewalk between IL-38 & Cherry Ln
* Virgil Gilman Trail @ Bliss Rd (Local)
* Intersection Improvements
  * Kirk @ Fabyan (CMAQ)
  * Stearns @ Randall (HPP)
  * Main St @ Deerpath (STP-L)
* Dauberman Rd Extension (ICC)
* Possible Sidepath or other Bike Facility

STP Update  FRTSP Update  ADA Plan  LRTP Outreach  Impact Fees  Other Projects

PROGRAMMED KKCOM STP PROJECTS
* Eola Rd - Aurora (Under Construction)
  * Reconstruction w/Sidepath
  * Includes CMAQ
* East New York Street - Aurora
  * Reconstruction w/Sidepath
* IL-38 - Geneva
  * Reconstruction w/Sidepath
  * Also B, CMAQ x 2, & ITEP x 2
* Wolf's Crossing Rd - Oswego
  * Reconstruction w/Sidepath
* Chicago St - Elgin
  * Reconstruction w/Shared Lane Markings

STP Update  FRTSP Update  ADA Plan  LRTP Outreach  Impact Fees  Other Projects
**PROGRAMMED KKCOM STP PROJECTS**

- Huntley Rd - West Dundee & Carpentersville
  - Reconstruction w/Sidepath
- Huntley Rd @ IL-31 - Carpentersville
  - Reconstruction w/Sidepath Crossing
  - Includes CMAQ & IL Funds
- Anderson Rd Gap - Elburn
  - Includes Sidepath
- Main St - Batavia
  - Reconstruction w/Shared Lane Markings
- Prairie St - Batavia
  - Reconstruction w/Unknown Bike Infrastructure

**OTHER PROGRAMMED KKCOM PROJECTS**

- Kennedy Rd - ITEP - Yorkville
  - Sidepath
- Kautz Rd - ITEP - Aurora
  - Multiuse Path
- Edgerton/Prairie St - CMAQ - Aurora
  - On Street Bike Facilities
- Montgomery Rd - CMAQ - Aurora
  - Sidewalk to Sidepath conversion
- Aurora ATC - CMAQ
  - Redesigning Pace Pulse Point
  - New Bike/Ped Bridge over Fox River
- Bike Route 4 - CMAQ - Elgin
  - Mix of on- and off-street bike infrastructure
- Fox River Trail/Raymond St Tunnel - TAP - FPD Kane County
  - Tunnel under railroad tracks
- FPD Kane County - Local...
  - Great Western Trail Extension
- Mid-County Trail Gap
  - Raceway Woods to Brunner FP Trail Gap

**QUESTIONS?**

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