



Kane County

Impact Fee Advisory Committee
February 4, 2016

Items to be Discussed

- ▶ **Recap of Last Presentation**
- ▶ **Land Use Forecasts**
- ▶ **Public Involvement**
- ▶ **Schedule**

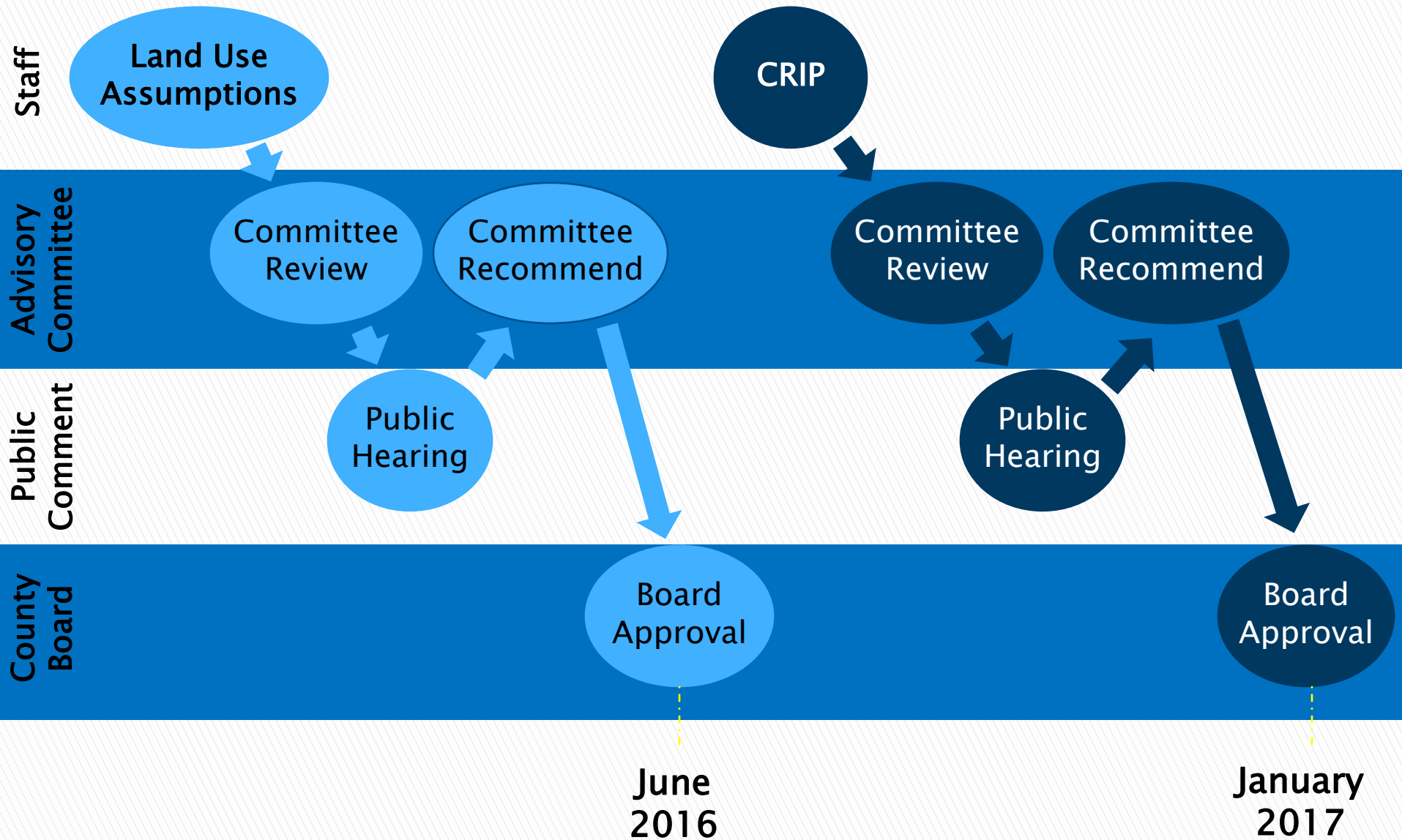


Methodology

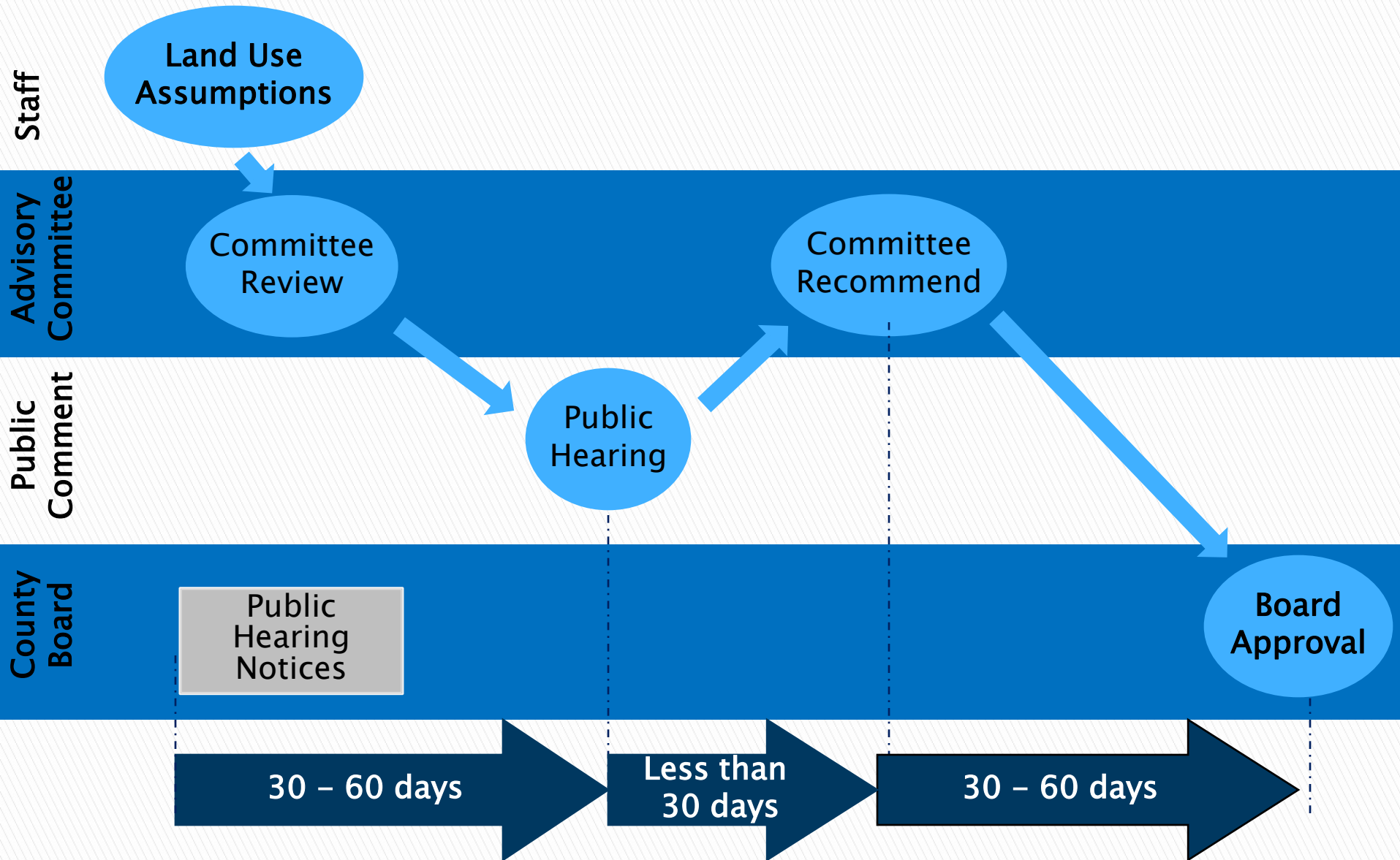
- ▶ **Land use update**
- ▶ **Travel demand modeling**
- ▶ **Comprehensive Road Improvement Plan (CRIP) update**
- ▶ **Fee ordinance update**



Implementation



Land Use Adoption





Land Use Update

Land Use Assumptions Update

- ▶ **Update from previous 2011, 2021, and 2040 land use forecasts**
- ▶ **Projected changes in land use**
 - Commercial and residential densities
 - Population and employment
 - 10 year growth projection
- ▶ **Used to characterize future travel demand**
- ▶ **2026 interim year land use forecasts**



Land Use Assumptions Update

- ▶ **Used adopted 2015 & 2040 CMAP land use assumptions**
- ▶ **10 year growth projections as proportion of growth to 2040**
- ▶ **Household, Population, & Employment Growth**
 - Calculated for 2026 by county, township and traffic analysis zones (TAZ)











About the Map Data...

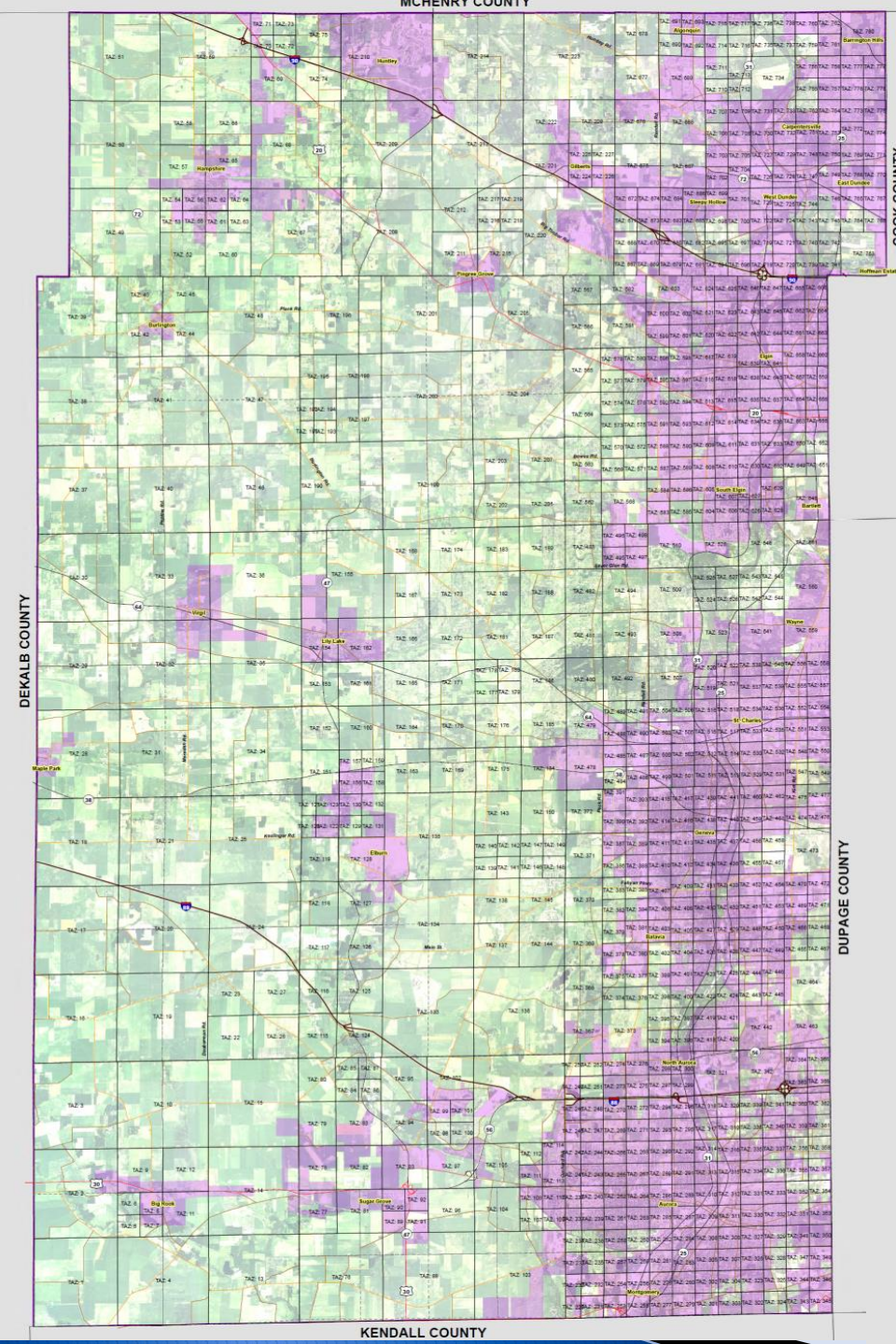
- ▶ Maps show overall densities for households, population, and employment by Traffic Analysis Zones (TAZ)
- ▶ TAZs are a spatial unit used for assigning traffic in a travel demand model and are not equivalent to municipal, surveyed, or political boundaries or specific developments
- ▶ Maps do not represent land use or density policy



Map of Kane County Traffic Analysis Zones

Legend

-  2004 CMAP Zones
-  Kane County TAZ
-  Kane County Municipalities
- Kane County Roads**
-  Interstate
-  State Highway
-  US Highway
-  County Roads
-  Other



Household Totals by Township

Households by Township			
Political Township ⁽¹⁾	Households (2015) ⁽²⁾	Households (2026) ⁽³⁾	Households (2040) ⁽²⁾
Aurora	47,523	53,085	60,164
Batavia	12,993	14,327	16,025
Big Rock	891	1,366	1,971
Blackberry	5,461	6,989	8,933
Burlington	895	1,347	1,923
Campton	6,201	7,789	9,811
Dundee	21,690	24,429	27,916
Elgin	34,575	37,834	41,981
Geneva	10,311	11,737	13,551
Hampshire	3,555	5,177	7,241
Kaneville	489	522	563
Plato	3,120	5,533	8,605
Rutland	10,022	15,509	22,492
St. Charles	18,730	20,142	21,939
Sugar Grove	9,118	14,359	21,029
Virgil	866	1,197	1,619
Totals	186,440	221,342	265,763

Source:

(1) Political Township – Kane County GIS Department

(2) 2015 and 2040 Population – CMAP GoTo 2040 Plan Inputs – October 2014 Conformity Update

(3) 2026 Population – Extrapolated based on 2015 and 2040 Household data



Population Totals by Township

Population by Township			
Political Township ⁽¹⁾	Population (2015) ⁽²⁾	Population (2026) ⁽³⁾	Population (2040) ⁽²⁾
Aurora	151,003	168,178	190,036
Batavia	36,660	40,641	45,708
Big Rock	2,311	3,729	5,533
Blackberry	16,821	21,748	28,020
Burlington	2,352	3,618	5,228
Campton	18,917	23,865	30,162
Dundee	67,757	75,825	86,094
Elgin	103,063	112,886	125,387
Geneva	27,739	31,544	36,388
Hampshire	9,054	13,768	19,767
Kaneville	1,283	1,380	1,503
Plato	8,800	16,781	26,939
Rutland	24,679	41,060	61,908
St. Charles	51,269	55,162	60,116
Sugar Grove	24,336	40,929	62,048
Virgil	2,212	3,194	4,443
Totals	548,257	654,307	789,280

Source:

(1) Political Township – Kane County GIS Department

(2) 2015 and 2040 Population – CMAP GoTo 2040 Plan Inputs – October 2014 Conformity Update

(3) 2026 Population – Extrapolated based on 2015 and 2040 Population data



Employment Totals by Township

Employment by Township			
Political Township⁽¹⁾	Employment (2015)⁽²⁾	Employment (2026)⁽³⁾	Employment (2040)⁽²⁾
Aurora	51,584	62,608	76,639
Batavia	13,223	15,339	18,032
Big Rock	3,598	5,444	7,794
Blackberry	2,647	3,091	3,657
Burlington	511	784	1,132
Campton	3,316	5,951	9,304
Dundee	30,369	40,563	53,538
Elgin	41,498	48,163	56,646
Geneva	22,089	24,554	27,692
Hampshire	3,792	5,093	6,748
Kaneville	826	826	826
Plato	1,589	3,488	5,904
Rutland	5,376	11,231	18,682
St. Charles	25,245	29,173	34,172
Sugar Grove	6,447	12,066	19,218
Virgil	341	410	498
Totals	212,451	268,785	340,482

Source:

(1) Political Township – Kane County GIS Department

(2) 2015 and 2040 Population – CMAP GoTo 2040 Plan Inputs – October 2014 Conformity Update

(3) 2026 Population – Extrapolated based on 2015 and 2040 Employment data



Public Hearing

- ▶ **Required by statute for land use and CRIP**
- ▶ **Recommended date April 19th 2016**
- ▶ **Material to be presented include:**
 - Boards explaining the update process
 - Tables showing population, employment, and households by township
 - Maps showing density by TAZ
 - Schedule and next steps



Next Steps

- ▶ **Advertise and hold public hearing**
- ▶ **Address hearing comments and adjust land use forecasts, if appropriate**
- ▶ **Present to IFAC for recommendation to County Board**
- ▶ **Present to County Board for approval**
- ▶ **Begin deficiencies analysis**



Land Use Assumptions

	2015		2016			
	Dec	Feb	Mar	Apr	May	June
Advisory Committee Kick-Off & Recommendation Meetings	Dec 9	Feb 4				
Transportation Committee Recommendation		Feb 16				
County Board Resolution			Mar 8			
Advertise for Land Use Public Hearing			Mar 11 thru Mar 20			
Public Hearing - Land Use Assumptions				April 19		
Advisory Committee Approval				Apr 25 thru May 13		
Transportation Committee Recommendation					May 17	
County Board Resolution						June 14

CRIP Approval

	2016				2017
	Sept	Oct	Nov	Dec	Jan
Advertise for CRIP Public Hearing	Sept 16, 23 & 30				
Public Hearing to adopt, modify or reject 2026 CRIP		Oct 31			
Public Comments Due			Nov 4		
Advisory Committee Recommendation				Dec 8	
Transportation Committee Recommendation				Dec 20	
County Board Approval					Jan 10



Thank you!