Illinois Bike Summit IDOT Complete Streets Policy Presentation

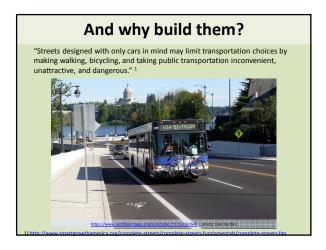


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Engineer

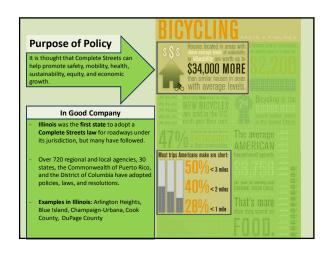
Overview

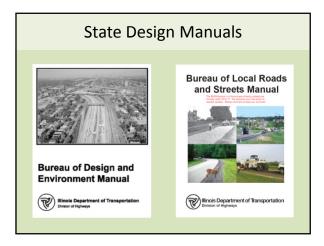
- History of Complete Streets
- IDOT Policy
- Warrants for Bicycle and Pedestrian Accommodations
- Examples
- Coordination, Funding, and Agreements
- Clybourn Avenue Pilot Project
- · Questions & Answers

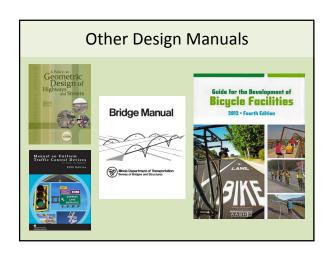
- Roadways that accommodate all users such as pedestrians, bicyclists, transit riders, and motorists. - They may include sidewalks, median islands, shared-use paths, on-street bike lanes, and facilities for transit. - They consider the context of the surrounding community. http://www.smartgrowthamerica.org/complete-streets











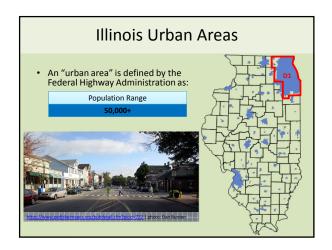
Illinois Complete Streets Law Enacted 2007, Public Act 095-0665 (SB0314)

Sec. 4-220. Bicycle and pedestrian ways.

(a) Bicycle and pedestrian ways shall be given full consideration in the planning and development of transportation facilities, including the incorporation of such ways into State plans and programs.

(b) In or within one mile of an urban area, bicycle and pedestrian ways shall be established in conjunction with the construction, reconstruction, or other change of any State transportation facility except:

- in pavement resurfacing projects that do not widen the existing traveled way or do not provide stabilized shoulders; or
- where approved by the Secretary of Transportation based upon documented safety issues, excessive cost or absence of need.



"The Traveled Way"

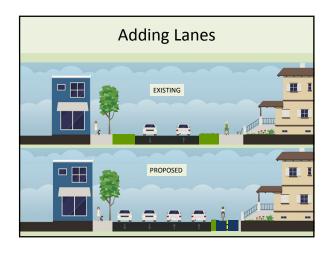
Typically does not include adding turn-lanes or auxiliary lanes



Illinois Complete Streets Law (c) Bicycle and pedestrian ways may be included in pavement resurfacing projects when local support is evident or bicycling and walking accommodations can be added within the overall scope of the original roadwork.

Warrants for Accommodations

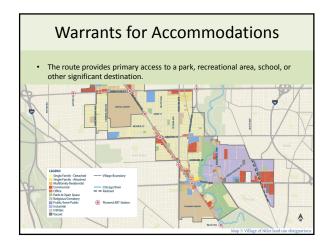
- · Adding lanes
- Adding stabilized shoulders (rural context)
- Full roadway reconstruction
- · New roadway construction





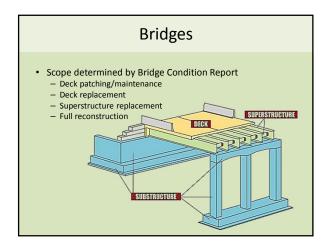






Warrants for Accommodations -Bridges-

- The route provides unique access across a natural or man-made barrier (e.g., bridges over rivers, railroads, highways, or through a National Forest).
- Bicyclists will be accommodated on the bridge unless bicycles are otherwise prohibited to operate on the roadway approaches.
- For [bridge] projects that meet no other warrants, a minimum shoulder width of 4 ft (1.2 m) shall satisfy this warrant.
- The highway project will negatively affect the recreational or transportation
 utility of an independent bikeway or trail. Highway projects will negatively
 affect at-grade paths and trails when they are severed, when the projected
 roadway traffic volumes increase to a level that prohibits safe crossings atgrade, or when the widening of the roadway prohibits sufficient time for safe
 crossing.



IL 176 over Des Plaines River



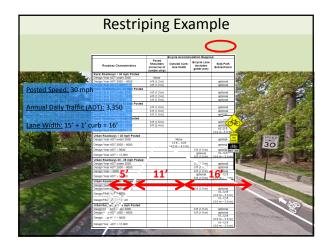
Partial Exceptions • If existing roadway width can be restriped and/or resigned to provide bike accommodation where local [agency] support is evident

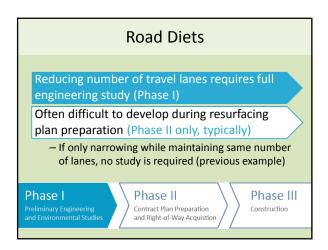




Design must coincide with Bicycle Facility Selection table (Figure 17-2.A)

icycle Facili	ty	Sel	ect	ion	Table
•					
Roadway Characteristics	Paved Shoulders (inclusive of rumble strip)	Outside Curb- lane Width	Bicycle Lane (includes gutter pan)	Side Path Bidirectional	
Rural Roadways < 30 mph Posted					
Design Year ADT under 2000	None				
Design Year ADT 2000 - 8000 Design Year ADT > 8000	4 ft (1.2 m) 4 ft (1.2 m)			optional	
Rural Roadways 30 – 35 mph Posted	4.0(1.2.0)		_	opional	
Design Year ADT under 2000	48(120)	_		1600000	
Design Year ADT 2000 - 8000	4 ft (1.2 m)			optional	
Design Year ADT > 8000	6 ft (1.8 m)			optional	
Rural Roadways 36 - 44 mph Posted					
Design Year ADT under 2000 Design Year ADT 2000 – 8000	6 ft (1.8 m) 6 ft (1.8 m)			optional	
Design Year ADT > 8000	6 R (1.8 m)			optonal	
Rural Roadways > 44 mph Posted	- 11 1 1				
Design Year ADT under 2000	6 ft (1.8 m)			optional	
Design Year ADT 2000 – 8000	8 ft (2.4 m)			optional	
Design Year ADT >5000				10-12 ft (3.9 m - 3.6 m)	
Urban Readways < 30 mph Posted				[20 m - 30 m]	
Design Year ADT under 2000		None		optional	
Design Year ADT 2000 - 8000		13 ft - 14 ft		optional	
Design Year ADT > 8000		(4.0 m - 4.3 m)	58 (1.5 m)	optonal	
Design Year ADT > 15,000			optional	10-12 ft	
			6 ft (1.8 m)	(3.0 m = 3.6 m)	
Urban Roadways 30 - 35 mgh Posted					
Design Year ADT under 2000 Design Year ADT 2000 – 8000		_	5 ft (1.5 m) 5 ft (1.5 m)	optional	
Design Year > 8000		_	9 R (1.8 m)	optonal	
Design Year ADT > 15,000			optional	10-12 ft	
Urban Readways 38 - 44 mph Posted			6 ft (1.8 m)	(3.0 m - 3.6 m)	
Design Year ADT under 2000		_	58 (1.5 m)	optional	
Design Year ADT 2000 - 8000		_	6 ft (1.0 m)	optional	
Design Year ADT > 8000			511(1511)	10-12 ft (3.0 m - 3.6 m)	
Design Year ADT > 15,000				(3.9 m - 3.6 m)	
Urban Readways > 44 mph Posted					
Design Year ADT under 2000			6 ft (1.8 m)	optonal	
Design Year ADT 2000 - 8000			GR (1.5 m)	optional 10,-12 ft	
Design Year ADT > 8000				(3.0 m - 3.5 m)	
				10-12 ft	









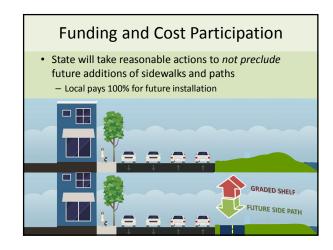


Organization	Yes	NA	Organizations*	Yes	NA
Metropolitan Planning Organization (if applicable)			League of Illinois Bicyclists*		
Local Municipalities			Illinois Department of Natural Resources*		
Park or Forest Preserve Districts	0		Trails for Illinois*		
Sub-Regional Planning Council (as appropriate)			Active Transportation Alliance (District 1 only)*		
Local Bicycle Clubs, Advocacy Groups					









Funding and Cost Participation

Additional Resources/Grant Opportunities

- Surface Transportation Program (STP)
- Illinois Transportation Enhancement Program (ITEP)
- Congestion Mitigation and Air Quality (CMAQ)
 - Chicago or St. Louis Metro Area
- Safe Routes to School (SRTS)
- Transportation Alternatives Program (TAP)

Clybourn Avenue Pilot Project IDOT and CDOT pilot project to install and evaluate the first barrier protected bike lanes on a State route First use of concrete for physical separation Pilot evaluated using IDOT's on-going Feasibility Study on bicycle and pedestrian facilities. Analyzes safety, operations, and maintenance of various bike/ped accommodations.



