

Station Programming: LPA/DEIS & Station Planning Recommendations

LPA/DEIS Recommendations	Ridership	West Lake		21st St	Penn	Van White		Royalston	
		short-term	long-term			short-term	long-term	short-term	long-term
		2800		1000	600	350		1900	
	Parking	x		x	x				
Station Area Planning Recommendations	Station Access	all modes		walk-up	walk-up	all modes		walk-up	
	LRT Parking	x	x						
	Drop-n-Ride	x	x	x	x	x	x		
	Bus Interface	x	x	x	x	x	x	x	x
	Bike Station	x	x	x	x	x	x	x	x
	Bikeshare	x	x	x	x	x	x	x	x
	Office	x	x		x		x	x	x
	Residential	x	x	x	x		x		x
	Commercial/Retail	x	x		x		x	x	x

STATION AREA STRATEGIC PLANNING

ROYALSTON - VAN WHITE - PENN - 21ST - WEST LAKE

How do we get THERE from HERE?

From Opening Day to TOD

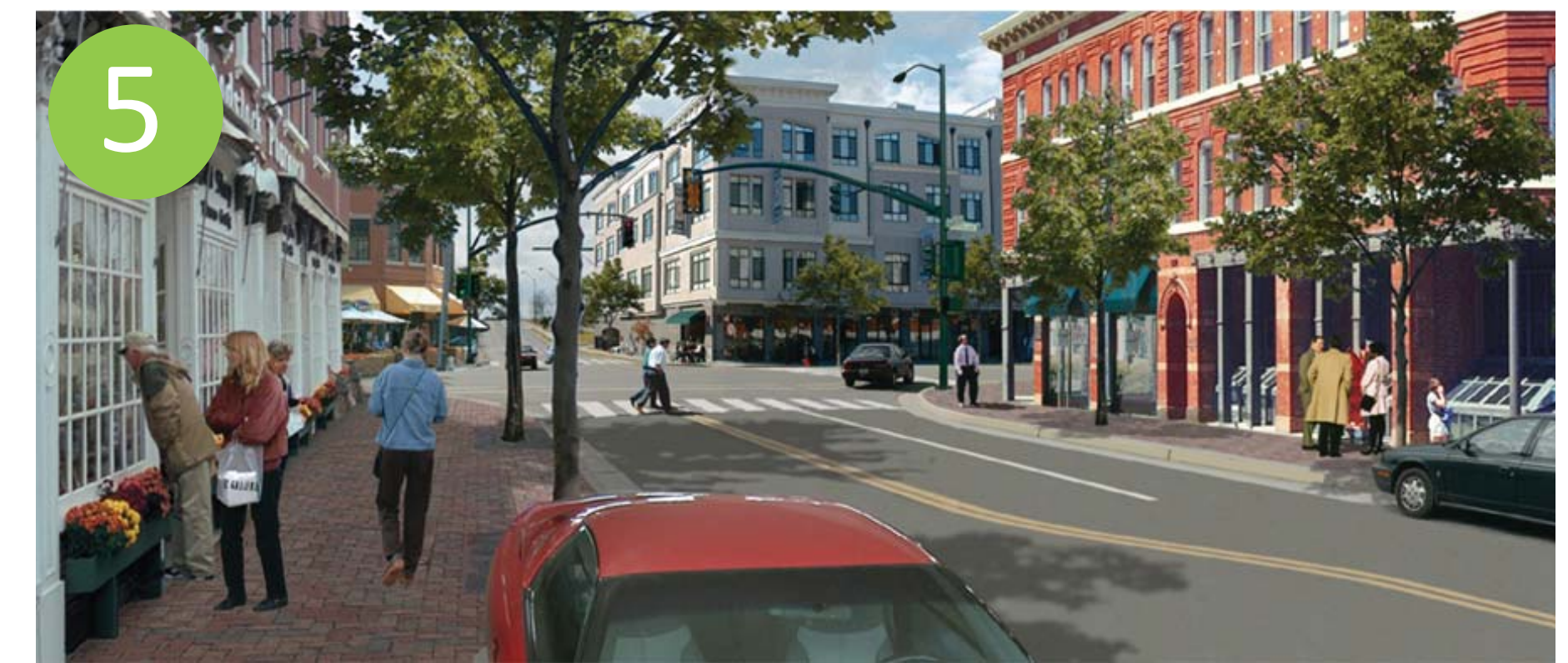


public investment

transit
streetscape
infrastructure



market opportunity
one building/one project
at a time



Royalston

Opening Day 2017: Concept Plan

Key Elements

- **pedestrian connection**
 - station to Target Field (5th & 7th traffic signal)
 - station to Farmers' Market (4th Ave)
 - station to neighborhood west of I-94 (4th Ave)
- **bike connection**
 - bike lane on Royalston Ave, connect to Cedar Lake Trail
- **bus connection**
 - signalized intersection at 5th Ave & 7th St
- **auto drop-off/pick-up**
 - on-street, adjacent to station



Royalston

Sample Redevelopment

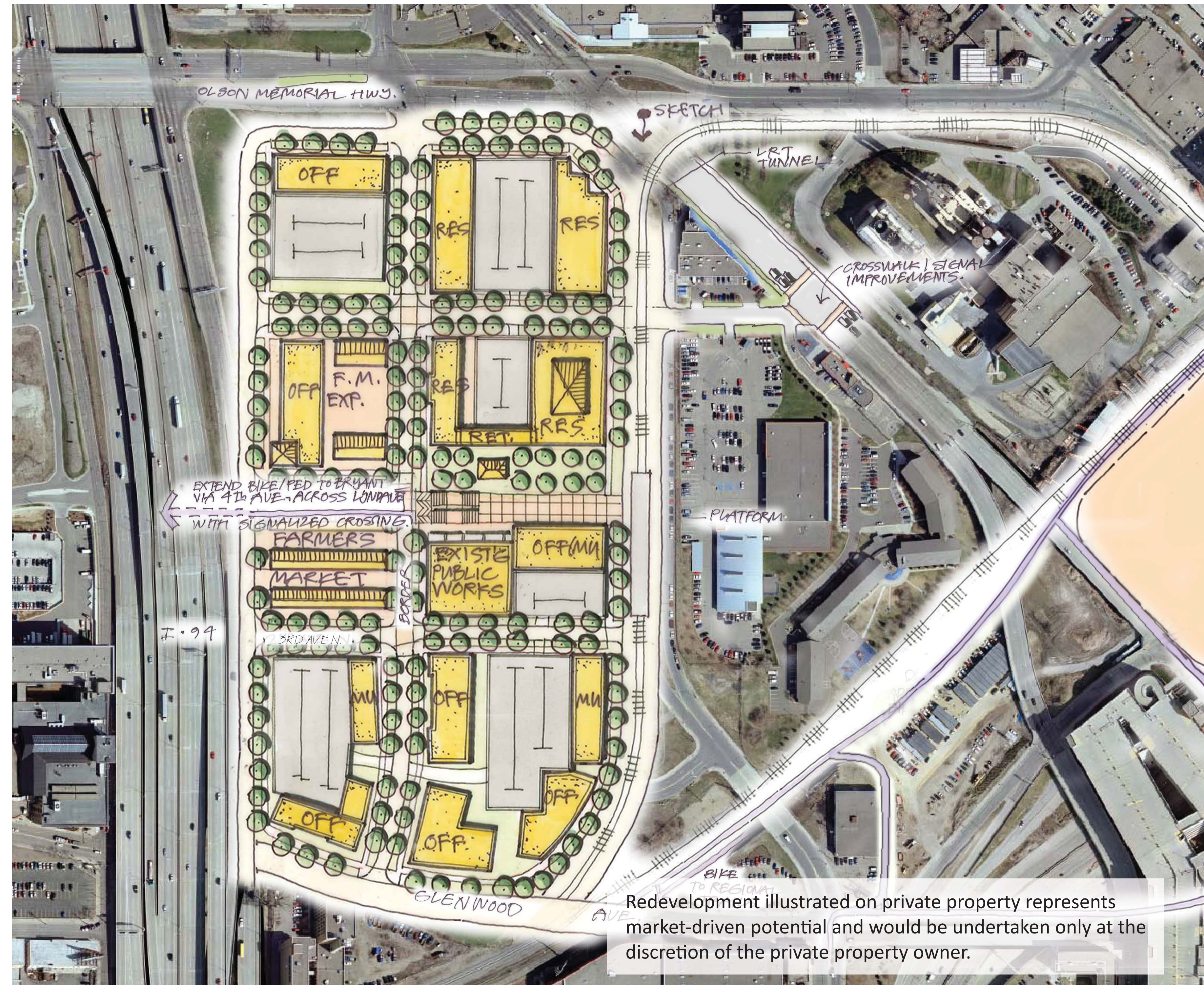
Transit-Oriented Development (TOD)

Transit-Oriented Development Prerequisites

1. Market demand
2. Private property owners' initiative
3. Infrastructure improvements

Transit-Oriented Development Principles shown at right

- **create a pedestrian-friendly environment**
 - small, easy to walk blocks
 - street grid with frequent E-W and N-S connections
 - residential uses internal to the station area, buffered from sight and sound of adjacent highways
- **create a sense of place**
 - centrally located park with adjacent public plaza
- **increase quality of life by reducing time spent in a car**
 - mix of land uses that allow people to work, shop, live and recreate within their own neighborhood

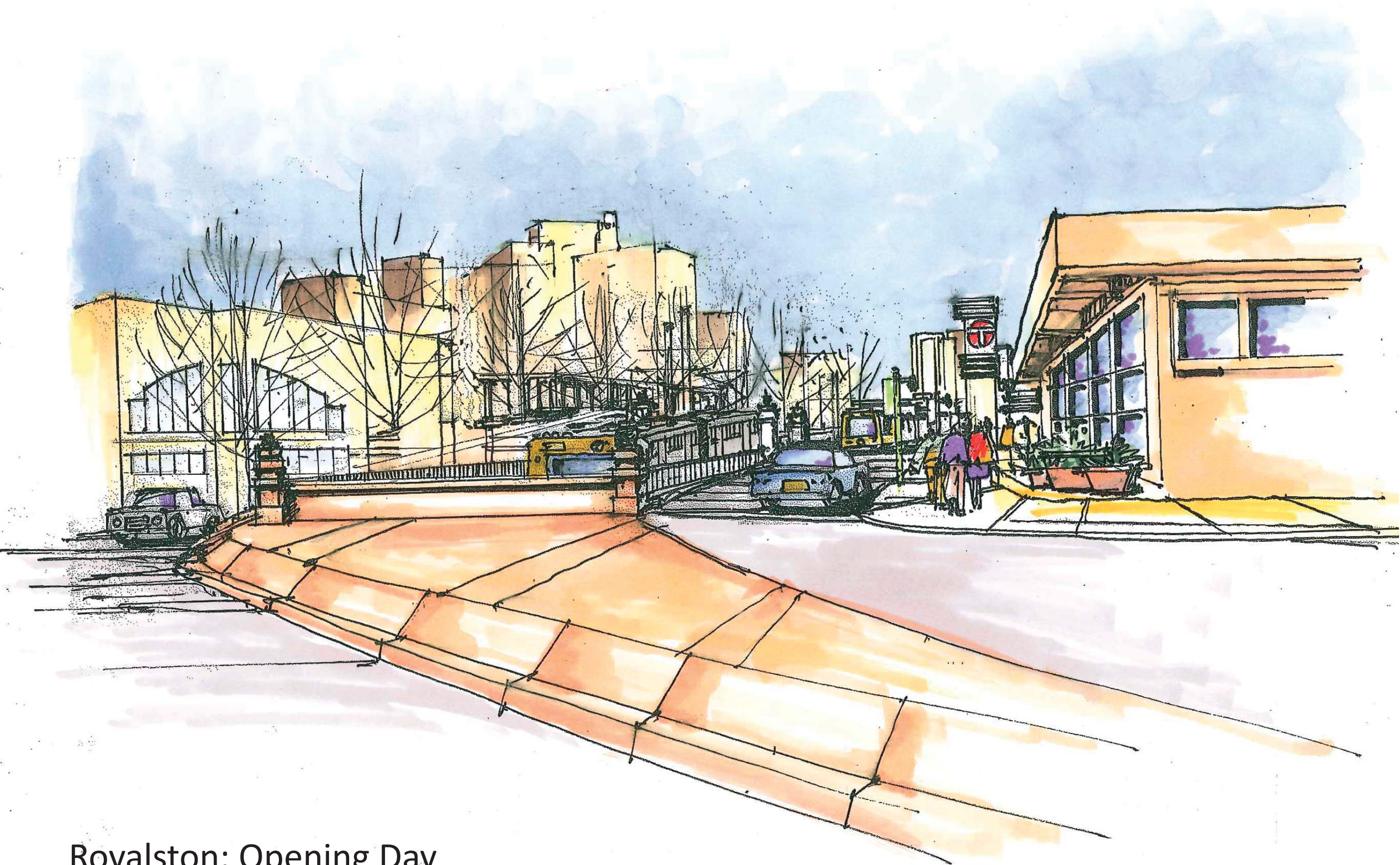


Redevelopment illustrated on private property represents market-driven potential and would be undertaken only at the discretion of the private property owner.

Royalston Character



Royalston: Today



Royalston: Opening Day

STATION AREA STRATEGIC PLANNING

ROYALSTON - VAN WHITE - PENN - 21ST - WEST LAKE

Van White

Opening Day 2017: Concept Plan

Key Elements

- **pedestrian & bike connection**
 - Cedar Lake Trail relocated adjacent to station to create easy bike-LRT transfer
 - Cedar Lake Trail located west of vehicular road to minimize roadway crossings
- **auto drop-off/pick-up**
 - adjacent to station, with auto turn-around



Van White

Sample Redevelopment

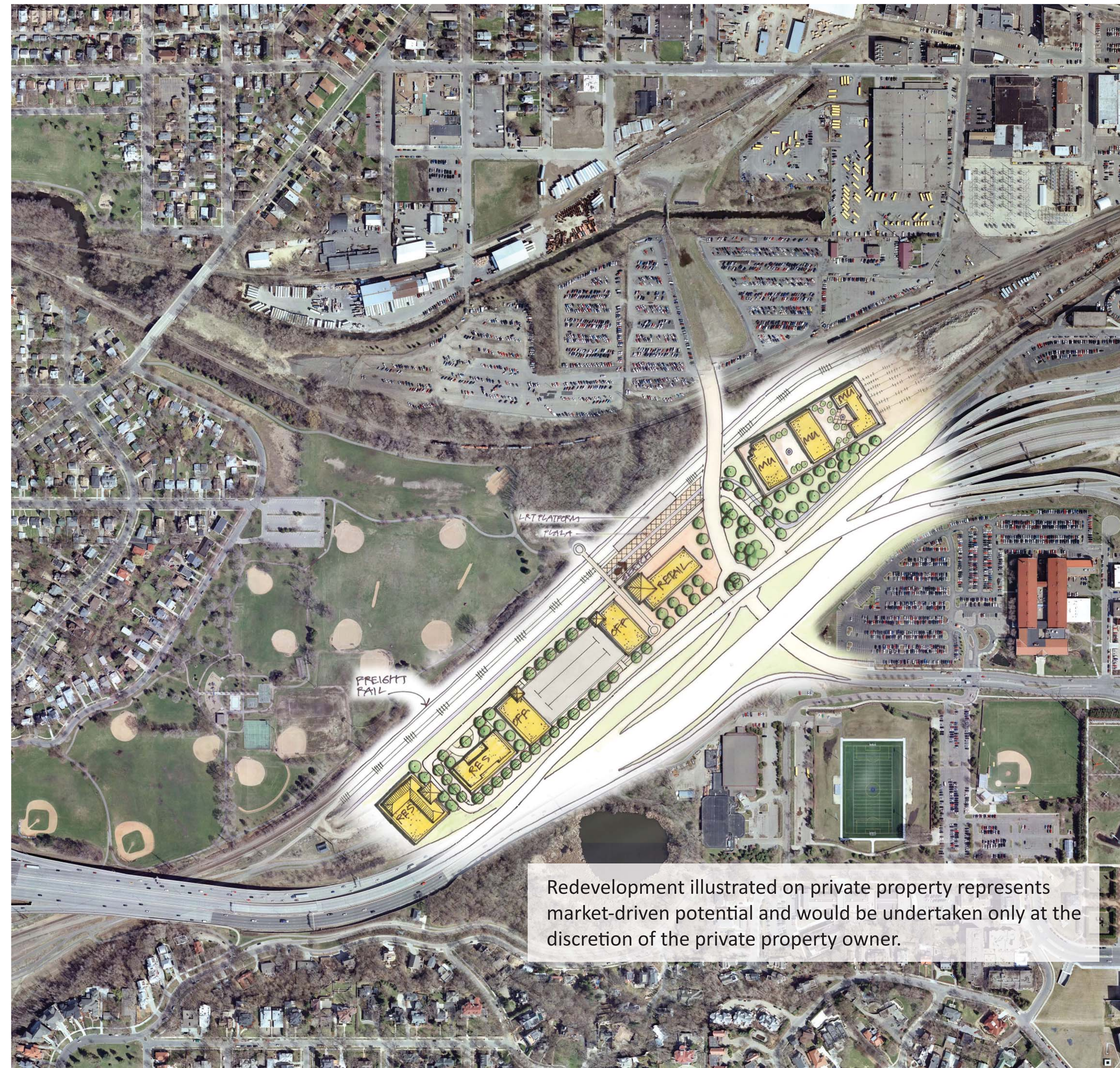
Transit-Oriented Development (TOD)

Transit-Oriented Development Prerequisites

1. Market demand
2. Private property owners' initiative
3. Infrastructure improvements

Transit-Oriented Development Principles shown at right

- **create a pedestrian-friendly environment**
 - narrow streets with on-street parking to reduce vehicular speeds
 - active ground-floor uses on street-facing facades
 - potential railcar layover facility screened from pedestrians and bikes on street and park (south and east) sides
 - access from adjacent origins, destinations, and neighborhoods
- **create a sense of place**
 - new park adjacent to bike path
 - public plaza links development with transit station
- **increase density around transit station**
 - residential uses (which require narrower parcels than office uses) located on narrower portions of site
- **reduce the amount of land dedicated to parking**
 - no surface parking; all parking is structured above or below ground



Van White

Character



Van White: Sample Transit-Oriented Development (TOD)

STATION AREA STRATEGIC PLANNING

ROYALSTON - VAN WHITE - PENN - 21ST - WEST LAKE

Penn

Opening Day 2017: Concept Plan *with pedestrian bridge*

Key Elements

- **pedestrian & bike connection**
 - new trail connection from Douglas Ave/Kenwood Pkwy intersection to valley floor
 - new pedestrian bridge
- **bus connection**
 - existing bus route with existing stops Douglas Ave/Olive Ave intersection
- **auto drop-off/pick-up**
 - on-street at Douglas Ave/Kenwood Pkwy intersection (new ped access to valley floor)
 - on-street along Wayzata Blvd



STATION AREA STRATEGIC PLANNING

ROYALSTON - VAN WHITE - **PENN** - 21ST - WEST LAKE

Penn

Opening Day 2017: Concept Plan
with pedestrian underpass (no bridge)

Key Elements

- **pedestrian & bike connection**
 - existing Kenwood trail spur to Kenwood Pkwy
 - new underpass from existing pedestrian/bike helix
- **bus connection**
 - rerouted bus with stops on Kenwood Pkwy at Kenwood trail spur
- **auto drop-off/pick-up**
 - on-street on Kenwood Pkwy at Kenwood trail spur
 - on-street along Wayzata Blvd
- **station location**
 - station platform moves north to minimize walk distance to existing pedestrian/bike helix



Penn

Sample Redevelopment

Transit-Oriented Development (TOD)

Transit-Oriented Development Prerequisites

1. Market demand
2. Private property owners' initiative
3. Infrastructure improvements

Transit-Oriented Development Principles shown at right

- **create a pedestrian-friendly environment**
 - mixed-use building address both the street and the valley
- **promote a mix of uses**
 - new mixed-use office development combined with existing residential and office to make station a destination and an origin
- **reduce the amount of land dedicated to parking**
 - transit parking (if any) integrated with development parking



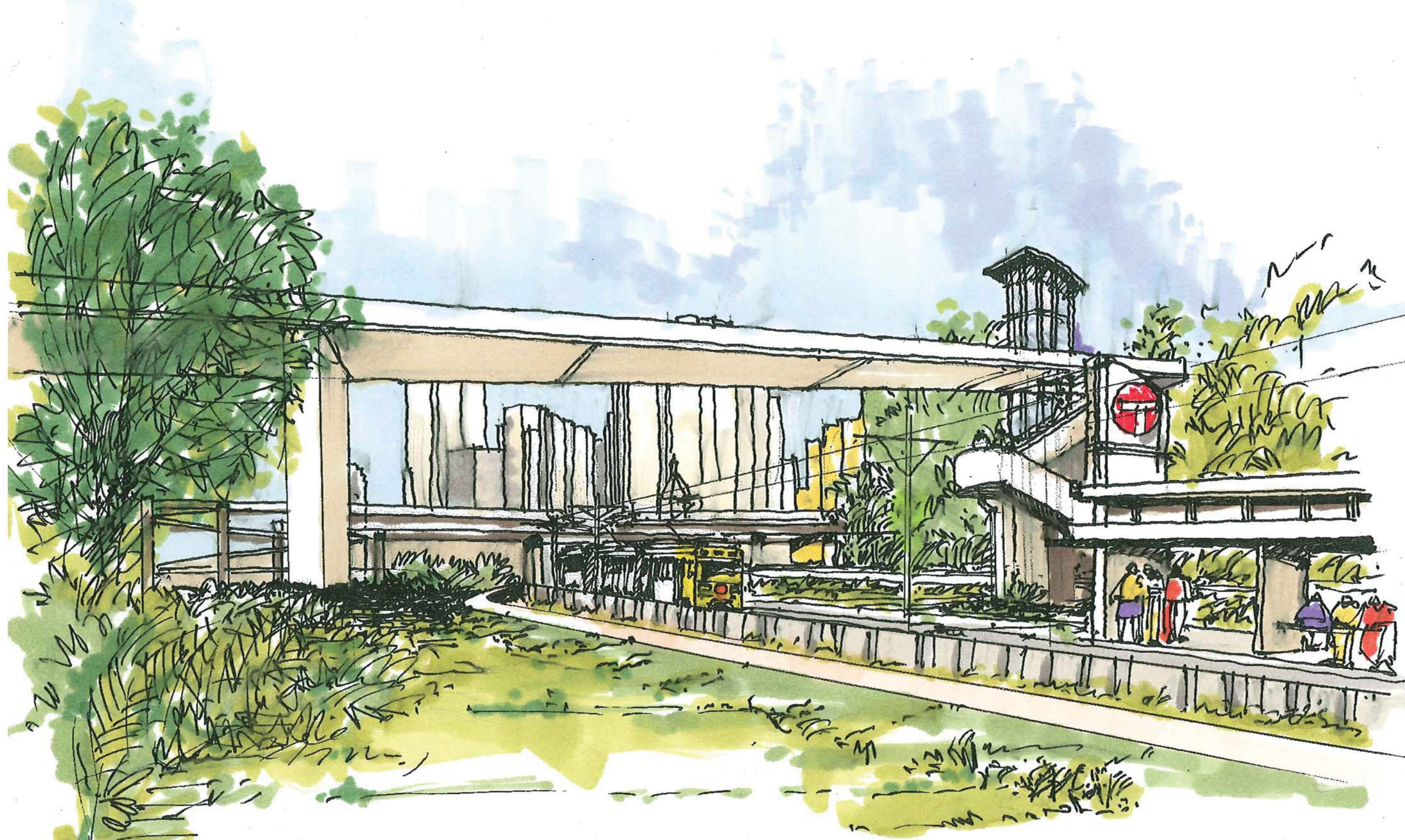
Penn Character



Penn: Today



Penn: opening day with pedestrian underpass (no bridge)



Penn: opening day with pedestrian bridge

21st Street

Opening Day 2017: Concept Plan

Key Elements

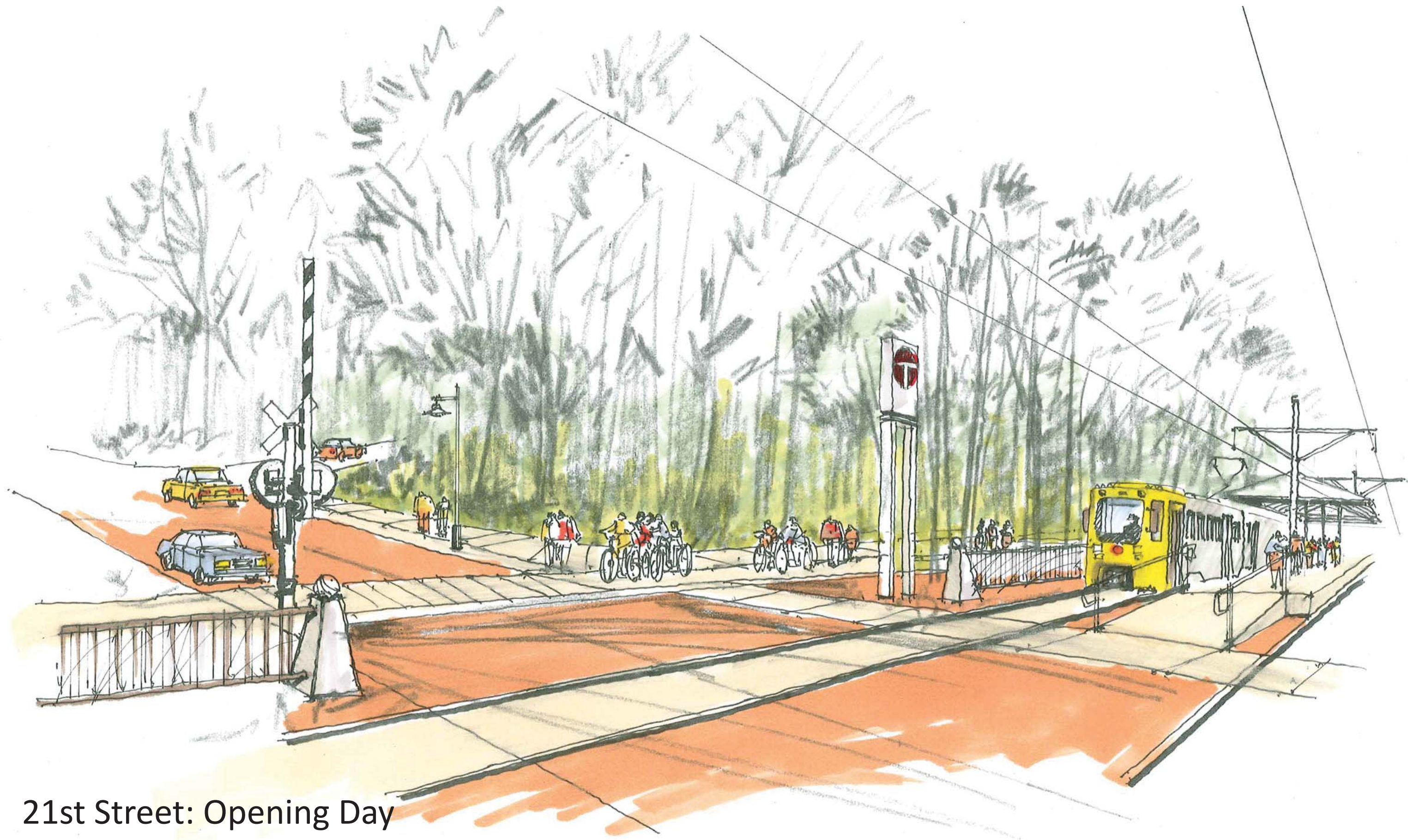
- **pedestrian connection**
 - sidewalk completed from 21st/22nd St intersection to station platform
 - sidewalk extended from 24th St to multi-use trail
- **bike connection**
 - multi-use trail retained parallel to LRT alignment
 - bike parking at station
- **bus connection**
 - bus stops retained on 21st St
- **auto drop-off/pick-up**
 - on-street along 22nd St



21st Street Character



21st Street: Today



21st Street: Opening Day

West Lake

Opening Day 2017: Concept Plan

Key Elements

- **pedestrian connection**
 - sidewalks along Chowen Ave and Abbott Ave
 - sidewalks from West Lake St to station platform (sloping from street level to platform level)
- **bus connection**
 - bus stops on 31st St
 - bus stops on West Lake St, sidewalk connection to station
- **station location**
 - station platform under West Lake street bridge, providing equidistant access to parcels north and south of West Lake and to future Midtown Greenway circulator
- **auto drop-off/pick-up**
 - on-street along Chowen Ave
- **transit parking (potential)**
 - interim surface parking adjacent to station on County property



SOUTHWEST
transitway
11.17.2010

STATION AREA STRATEGIC PLANNING

ROYALSTON - VAN WHITE - PENN - 21ST - WEST LAKE

AECOM

SRE 4RIM+UIWA
Consulting Group, Inc.

West Lake

Sample Redevelopment

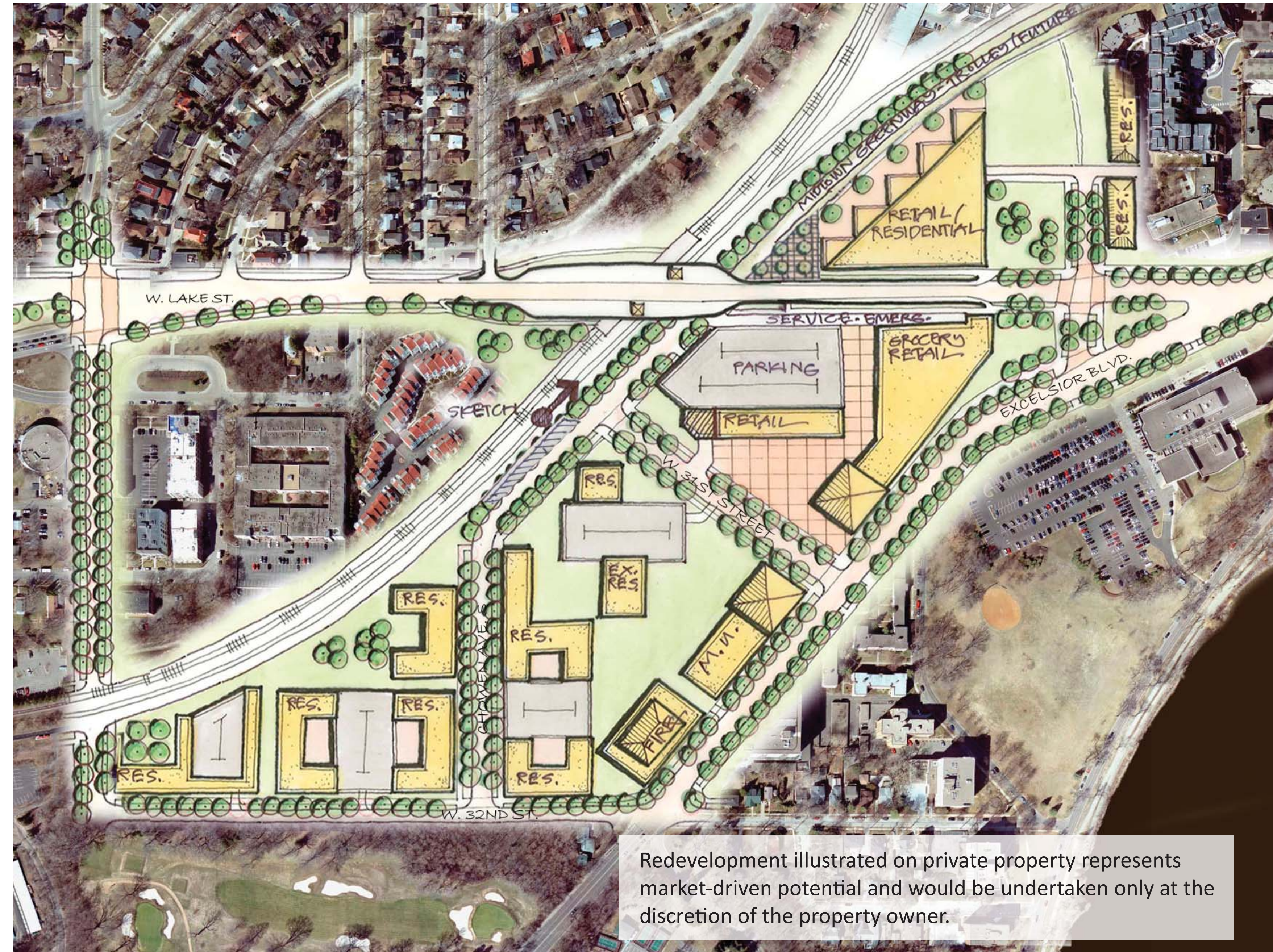
Transit-Oriented Development (TOD)

Transit-Oriented Development Prerequisites

1. Market demand
2. Private property owners' initiative
3. Infrastructure improvements

Transit-Oriented Development Principles shown at right

- **create a pedestrian-friendly environment**
 - retail and mixed-use buildings are built to the street, reducing visual width and promoting a pedestrian scale
 - straighten 31st St to create direct, intuitive connection between station & Excelsior Blvd
 - denser residential and mixed-use development, capitalizing on transit investment and bringing additional residents, retail patrons and extended hours of activity to the station area
- **promote multi-modal mobility**
 - vertical connections between W Lake St bus stops and station platform
 - mixed-used development facing the Midtown Greenway
- **create a sense of place**
 - retail plaza provides public gathering space
 - new park space creates connection with Greenway
- **reduce the amount of land dedicated to parking**
 - district parking structure for both retail and transit parking



West Lake Character



West Lake: Today



West Lake: station platform (opening day) with vertical circulation (potential) to W Lake St