## Agenda GVSU Belknap Master Plan

## <u> 30 – 40 Minutes:</u>

- Intent and Goals of the Master Plan 1.
- 2. **GVSU** Growth
- 3. Neighborhood Context
- Summary of December 8<sup>th</sup> Public Open House 4.
- 5. **Revised Master Plan Options**
- Belknap Campus Design Guidelines 6.

www.gvsunoblplanning.org

## **15 Minutes:**

General Q&A 7.

## 40 Minutes:

Breakout Tables – Small Group Discussion 8.

## **20 Minutes:**

9. Small Groups Report Back and Next Steps

# Intent and Goals of the Master Plan



## **Intent of the Planning Process**

WORK TO UNDERSTAND AND ACKNOWLEDGE EACH OTHER'S CHALLENGES

CITY OF GRAND RAPIDS

GRANDVALLEY STATE UNIVERSITY.



## **Neighborhood Involvement**

Master Plan Meetings to Date

July 6, 2016 – Steering Committee Meeting Kick-Off August 2, 2016 – Steering Committee Meeting and September 15, 2016 – Steering Committee Meeting September 15, 2016 – Public Meeting #1 **October 20, 2016 – Steering Committee Meeting** December 8, 2016 – Public Meeting #2 January 24, 2017 – Steering Committee Meeting February 13, 2017 – Steering Committee Meeting March 3, 2017 – Steering Committee Meeting TODAY : March 13, 2017 – Public Meeting #3



# **/** Steering Committee Meetings



# **3** Public Meetings to date

## **Master Plan Goals**

# Fulfill GVSU's academic and research mission (GVSU)

High quality, durable, and aesthetic development compatible with the neighborhood context (NOBL, CGR, & GVSU)

Maintain existing housing until the land is needed (NOBL, CGR, & GVSU)

Improve traffic circulation within the Neighborhood (NOBL, CGR, & GVSU)

Explore parking options (CGR, NOBL)

Incorporate future city plans in the master plan (CGR)

6

# **GVSU and Belknap Campus**



## **GVSU at Health Hill**

Demand and Future Programs

- Health Education and Health Professions are one of the fastest growing sectors at most universities across the country.
- GVSU has a growing demand for Grand Valley Health Profession graduates from employers.
- GVSU is turning away hundreds of qualified students because they do not have enough capacity at CHS.
- GVSU sees future growth in new / recently added programs, particularly at the graduate level
- GVSU provides outreach and health services to the City, and community support to Belknap

7

#### GVSU Health Education Programs in:

- Nursing
- Allied Health Sciences
- Communication Sciences & Disorders
- Speech and Language Pathology
- Diagnostic & Treatment Sciences
- Occupational Sciences & Therapy
- Physical Therapy
- Physician Assistant Studies
- Public Health
- Masters in Health Administration



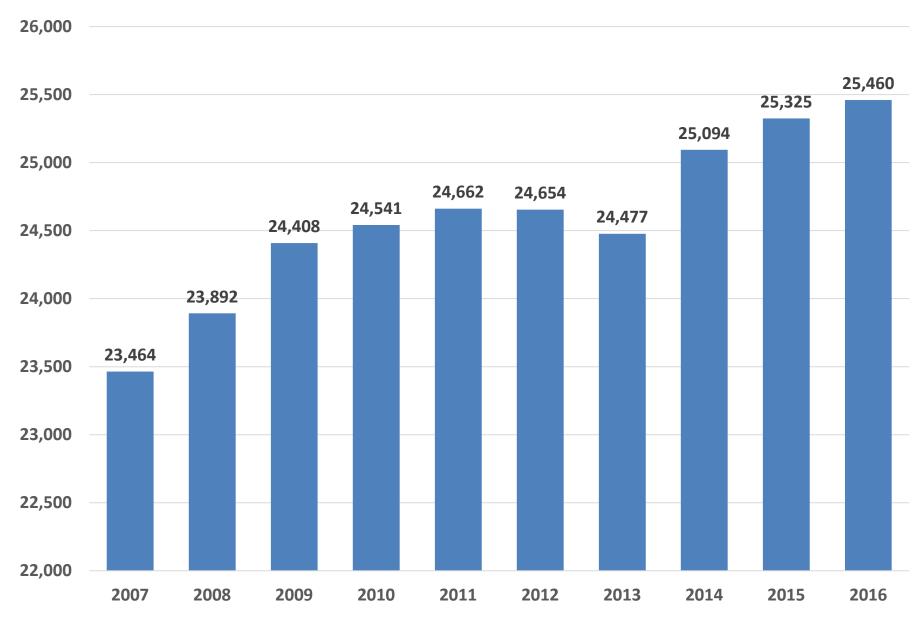


# <image>

## **GVSU Enrollment Growth**

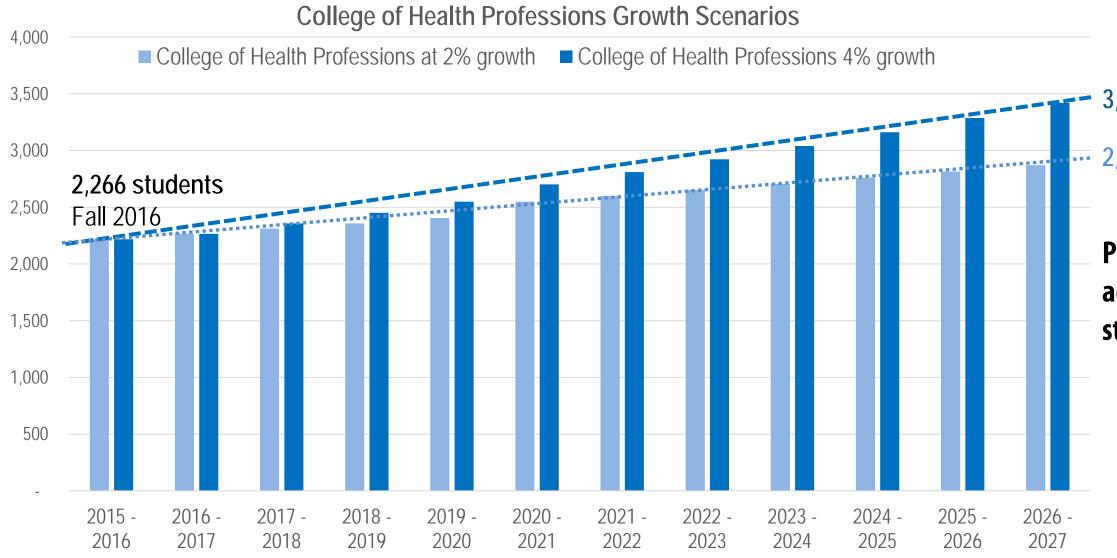
2007 - 2016

- GVSU overall enrollment gained almost 2,000 students in the last ten years, for all campuses combined.
- The College of Health Professions is one of the fastest growing programs at GVSU.
- College of Nursing has seen stable enrollment growth.



## **College of Health Professions**

Future Enrollment Scenarios



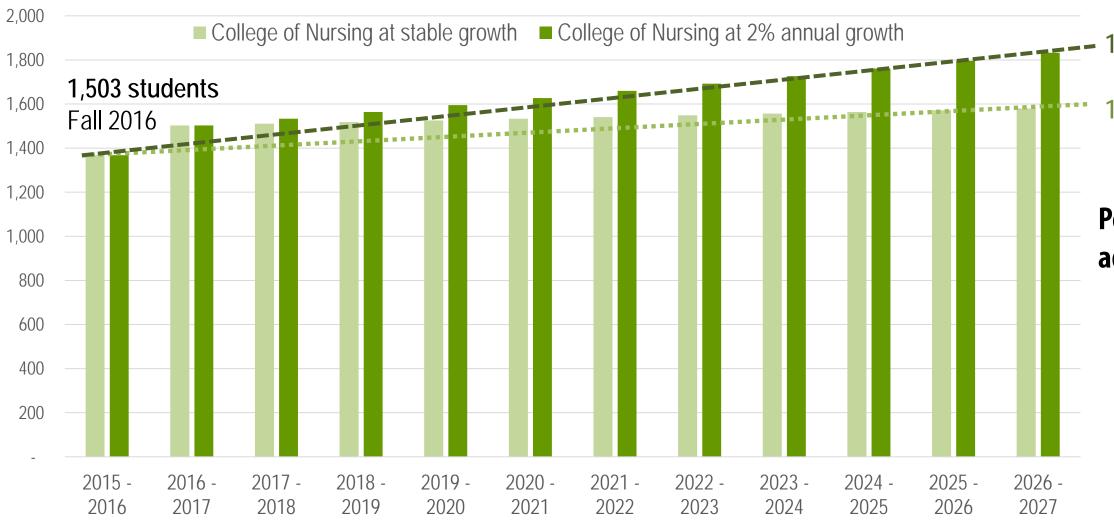
9

3,420 at 4% annual growth2,870 at 2% annual growth

# Potential growth for an additional 600 to 1,100 students

## **Kirkhof College of Nursing**

Future Enrollment Scenarios



#### Kirkhof College of Nursing Growth Scenarios

#### **GVSU BELKNAP MASTER PLAN**

(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

#### 1,830 at 2% growth

1,580 stable growth

## Potential growth for an additional 80 to 330 students

## **GVSU** Projected Growth and Future Development

For Next Ten + Years

## <u>Combined Average Enrollment Growth of up to 1,000 Additional Students, Next Ten Years</u>

	EXISTING	GVSU FUTURE DEVELOPMENT NEXT 10 YEARS			NET GAIN
EXISTING + FUTURE DEVELOPMENT	COOK-DEVOS HEALTH SCIENCES CENTER	UNDER CONSTRUCTION: 500 LAFAYETTE	PROPOSED NEXT PHASE: 333 MICHIGAN ST.	APPROXIMATE TEN-YEAR TOTAL	TEN-YEAR NET GAIN
BUILDING GROSS SQUARE FEET	217,458	83,851	160,000	461,309	243,851
NET ASSIGNABLE SQUARE FEET	130,475	50,311	96,000	276,785	146,311
NUMBER OF STUDENTS	790	230	600 students	1,620	830
* NO. OF FACULTY / STAFF	200	110	215	525	325
FACULTY, STAFF AND VISITOR PARKING	325	125	250	700	375
PARKING NEED FOR STUDENTS	390	112	294	796	<b>406</b> *

(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

\* Additional Student

Parking Need

# Neighborhood Context



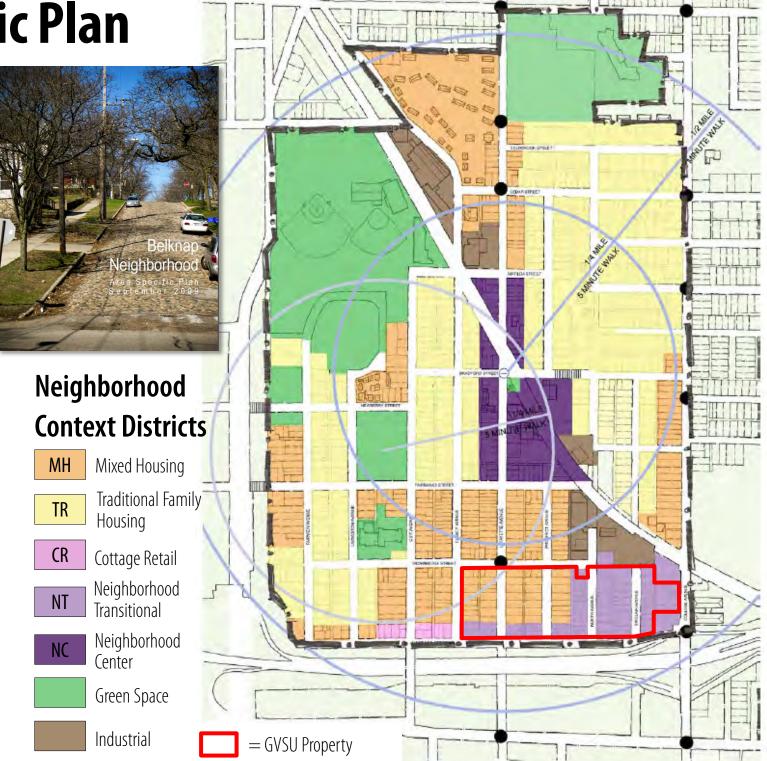
## Belknap Neighborhood Area Specific Plan

Neighborhood Goals

## **Guiding Principles:**

- Committed Community a strong sense of community, working in partnership.
- Family Friendly a safe, healthy, attractive and walkable community. Support of Coit School.
- Green usable parks, alternative energy sources, energy efficient, connected.
- Housing Stock Maintain a balance of rental and owner occupied housing. Provide a broad range of housing types.
- Neighborhood Character we value our neighborhood characteristics.
- Quality Honor historic context, compatibility, authenticity and scale. Neighborhood maintenance and cleanliness.

13



## **Belknap Neighborhood Assets**











(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.) **14** 



## **Belknap Lookout Proposed Land Use and Area Specific Plan**

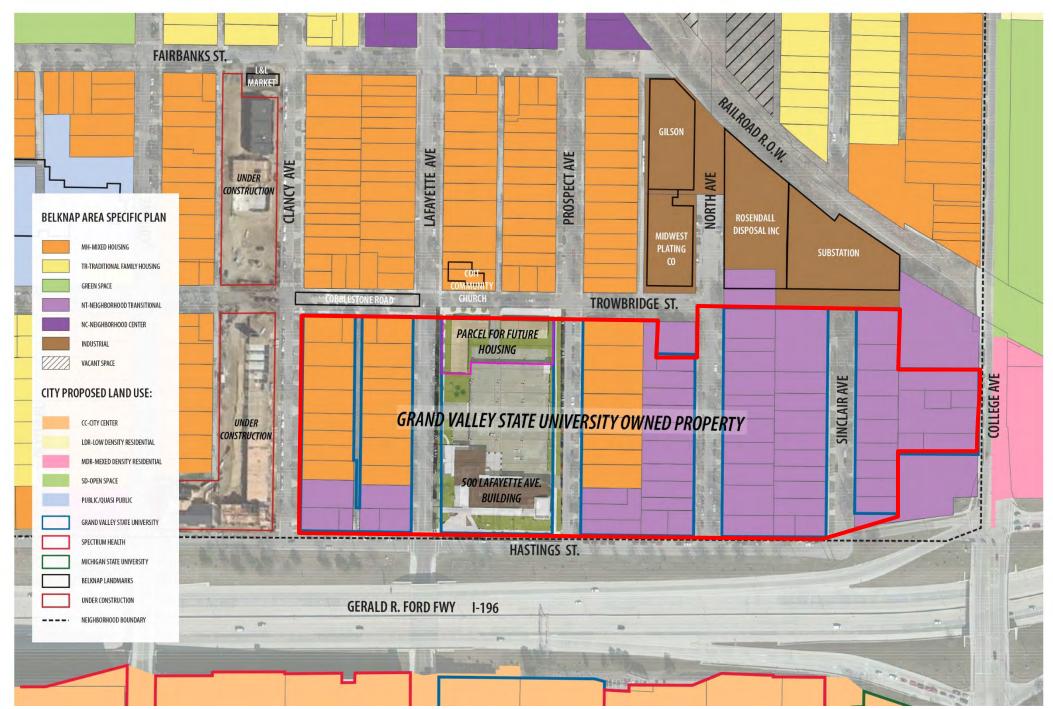
From 2009 Area Specific Plan

#### <u>Neighborhood Transitional – **NT**</u>

Serves as a **visible entrance** for the neighborhood and provides strong connections to the large medical **community** and adjacent highway. Intent of the district is to **act as a transition** between adjacent uses and fabric in terms of scale, noise, intensity and density.

MH Mixed Housing Neighborhood Transitional **GVSU** Property

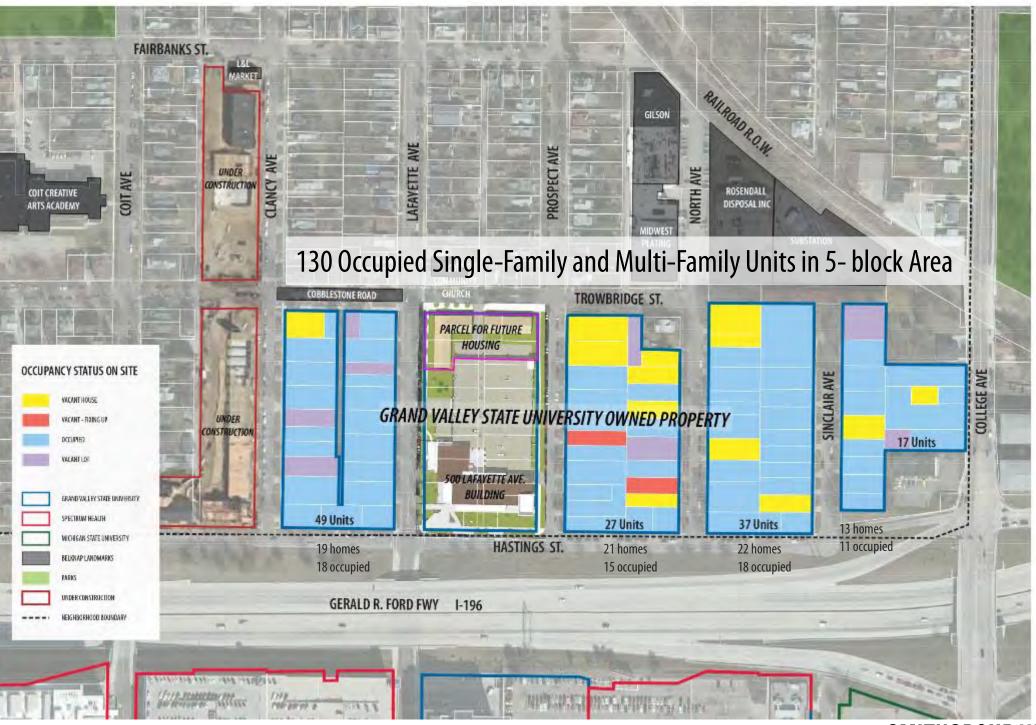
**GVSU BELKNAP MASTER PLAN** 



(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

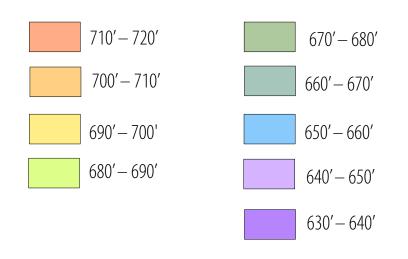
## **Existing Housing and Occupancy**

- GVSU has invested over \$990,000 in housing repairs and rehab for existing homes.
- Additional payments made to City in lieu of property taxes of more than \$450,000.
- GVSU is seeking developer proposals to build approximately 30 - 36 units of housing on north end of Block 2, facing Trowbridge.
- GVSU is targeting 70% of units as affordable housing.



## **Topography – Elevation Change**

- 70-80' change in elevation from high point to low point on map
- Typical block change in elevation of 30-40' from south to north



**GVSU BELKNAP MASTER PLAN** 



(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

## **Summary Site Analysis**



Adjacent Electrical Substation and Light Industrial on North Street



View of Substation from Sinclair St

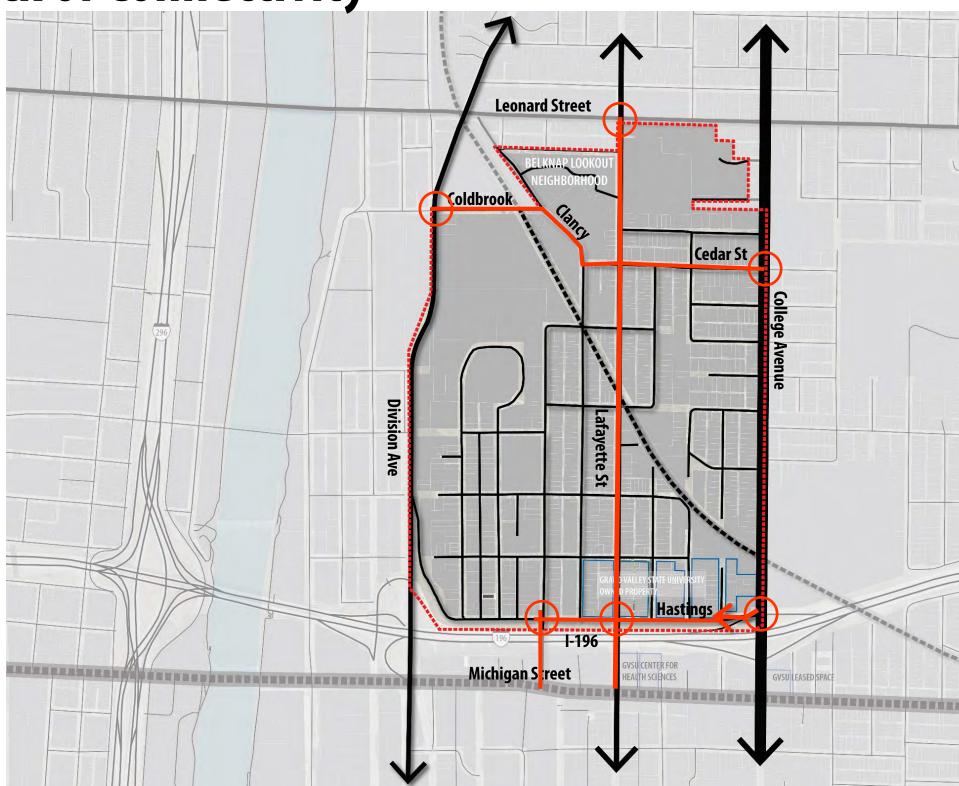
(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

COIT PARK L&L COIT CLANCY SQUARE LOFTS COIT CREATIVE **ARTS ACADEMY** COIT COMMUNIT CHURCH PRESER ABRIE STONE ROA PARCEL FOR FUTURE HOUSING GATEWAY AT BELKNAP O LAFAYETTE AVE HBORHOO HASTINGS GREENWAY **VISIBLE CONNECTION FROM CHS BUILDING** 

# SCREEN LIGHT INDUSTRIAL ZONE EXISTING SUBSTATION Maintain overhead CAMPUS power lines GATEWAY along Sinclair OPPORTUNITY

## **Circulation and Access – Lack of Connectivity**

- Hastings St. one-way into Belknap
- 2 ways into / out of neighborhood from south
- Only 1 way into / out of neighborhood from north, east and west



19

## **City Proposal for Hastings and College Avenue Connection**

(Map from the Michigan Street Corridor Study, 2015)



(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)



## **Transportation and Access to Campus**

Student Bus Ridership is Strong

# Over half of GVSU students (51%) ride the bus,

walk or bike to classes at Cook DeVos Center for Health Sciences.

- City's general transit ridership target is 40%.
- GVSU is <u>already exceeding</u> City's target for transit ridership.
- However, student ridership is <u>going down</u> recently due to congestion and delays to bus schedules.



## **Student Parking**

Impact of Expanded Residential Permit Parking Program on Student Parking

- GVSU Staff surveyed students at CHS in <u>October 2016</u>, asking students how they got to campus and where they parked.
- 49% of students park on neighborhood streets.
- Based on the Fall 2016 total enrollment for classes at CHS, up to 390 students park on residential streets at peak class times.
- Implementation of the Residential Permit Parking program will result in an <u>immediate need</u> for more off-street student parking on GVSU property, just to meet current demand.





## GVSU-Acquired and Attempted Parking – 2003 - 2017



- A 2003: Worked w Spectrum on plans for 800-space parking ramp next to CHS. Joint ramp did not occur, so GVSU created CHS Express/Hill DASH to transport student from Pew Campus to CHS
- B 2004: Opened Seward Parking Ramp
- C 2004: Leased 200 parking spaces from city of GR
- D 2006: Partnered w The Rapid & City of Walker to create 96-space park & ride lot in Standale
- E 2007-2008: Partnered w Meljer to create 500-space park & ride at Wilson & Lake Michigan Dr
- F 2007-2008: Purchased Lafayette parking lot (99 spaces) at Lafayette & Michigan
- G 2012: Developed an expansion to Walker Fire Station park & ride lot in Standale (252 spaces)
- H 2012: Considered 60th & LMD park & ride (200 spaces)

#### 2013: Parking options considered:

1	Grace Reformed Church (8th & LMD)	160 spaces
J	Holy Spirit Church (Covell & LMD)	300 spaces
K	GV Auto Auction	100 spaces
L	Lincoln Lawns	277 spaces
M	Cummings & LMD	287 spaces
N	48th & Pierce	500 spaces
0	Westside Assembly of God (8th/LMD)	200 spaces
P	Meller Expansion	320 spaces

- Q 2014: Plan to create surface parking on blocks 4 & 5 on Health Hill (260, 124 spaces) and parking ramp in block 1, but agreed to wait until a Master Plan completed
- R 2015: Yamaha dealership (Shawmut) no bus stop here after 2018/LakerLine
- 8 2015: Ask to buy parking spaces from Spectrum, but fell through
- T 2015: Entered into a land-swap w Spectrum netted 53 spaces
- U 2015: Purchased land to build park & ride lot @ Maynard & LMD (334 spaces). City tabled plan until MOU developed
- V 2015: Purchased Worthen bldg to add parking. Will not have access to land until until lease is up in 2018 (190 spaces planned)
- W 2016: Looked at developing 2nd phase of Seward Ramp, but student will not ride bus from ramp that have schedule conflicts (net 744 spaces)
  - 2017: Parking options considered:

x

Purchase land from Padnos to add 342 spaces

KEY Z Current parking option as of 2/2017 Z Attempted parking option



## GVSU Acquired and Attempted Parking – 2003 - 2017

#### 2003

A. Worked w Spectrum on plans for 800-space parking ramp next to CHS. Joint ramp did not occur, so GVSU created CHS Express/Hill DASH to transport student from Pew Campus to CHS

#### 2004

- B. Opened Seward Parking Ramp
- C. Leased 200 parking spaces from city of GR

#### 2006

D. Partnered w The Rapid & City of Walker to create 96-space park & ride lot in Standale

#### 2007 - 2008

- E. Partnered w Meijer to create 500-space park & ride at Wilson & Lake Michigan Dr
- F. Purchased Lafayette parking lot (99 spaces) at Lafayette & Michigan

#### 2009 - 2010

- G. Started campaign for alternatives to parking. Sustainability initiatives included bus, bike, car-share, park & ride, ride-share
- H. Non-motorized plan included marketing transit, implemented bike rental program, created carpool service, locked bike storage and parking permit buy-back program (150 permits)
- I. Surveyed students results indicate parking need at CHS

#### 2012

- J. Developed an expansion to Walker Fire Station park & ride lot in Standale (252 spaces) Leased 200 parking spaces from city of GRExpansion fell through as City Commission did not approve.
- K. Considered 60th & LMD park & ride (200 spaces)

#### 2013

L.	Grace Reformed Church (8th & LMD)	((		L
М.	Holy Spirit Church (Covell & LMD)			S
N.	GV Auto Auction			(
0.	Lincoln Lawns	DE	).	(
<b>P.</b>	Cummings & LMD	2		_
Q.	48th & Pierce		017	
R.	Westside Assembly of God (8th/LMD)	EE	•	F
S.	Meijer Expansion			( [
201		FF	•	C

#### 2014

T. Bus service to hill became more of an issue

U. Plan to create surface parking on blocks 4 & 5 on Health Hill (260, 124 spaces) and parking ramp in block 1, but agreed to wait until a Master Plan completed

#### 2015

- V. Combined Hill DASH & Campus Connector to consolidate service and remove a transfer for students (from needing 3 different buses to 2 Allendale apts)
- W. Yamaha dealership (Shawmut) no bus stop here after 2018/LakerLine
- X. Ask to buy parking spaces from Spectrum, but fell through
- Y. Entered into a land-swap w Spectrum netted 53 spaces
- Z. Purchased land to build park & ride lot @ Maynard & LMD (334 spaces). City tabled plan until MOU developed
- AA. Purchased Worthen bldg to add parking. Will not have access to land until lease is up in 2018 (190 spaces planned)
- BB. sponsor for Active Commute Week

Looked at developing 2nd phase of Seward Ramp, but student will not ride bus from ramp that have schedule conflicts (net 744 spaces)

2016

GVSU designated silver award as bicycle-friendly University - featuring bike rentals, bike storage, bike repair center

Purchase land from private land owner to add 342 spaces outside of neighborhood

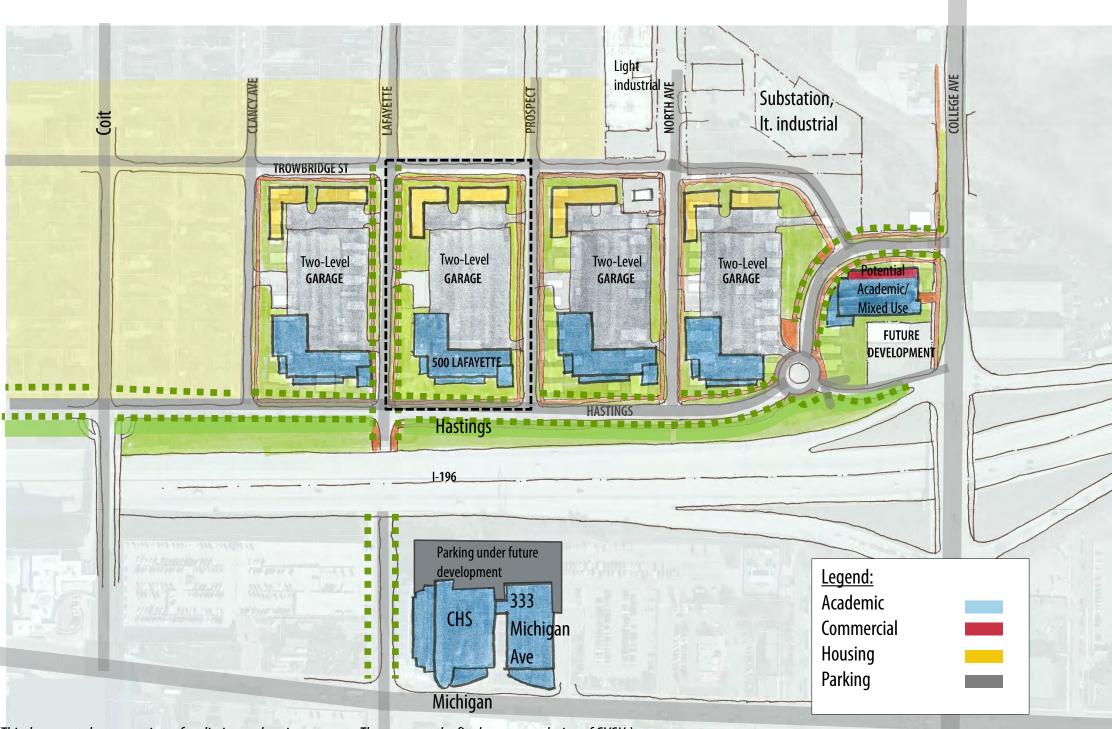
Build ramp next to CHS, consider 6-story ramp in block 4

# Summary of Dec. 8th Public Open House



## **Early Concept**

• Future buildings fronting on Hastings Street with 2-level parking garages on each block

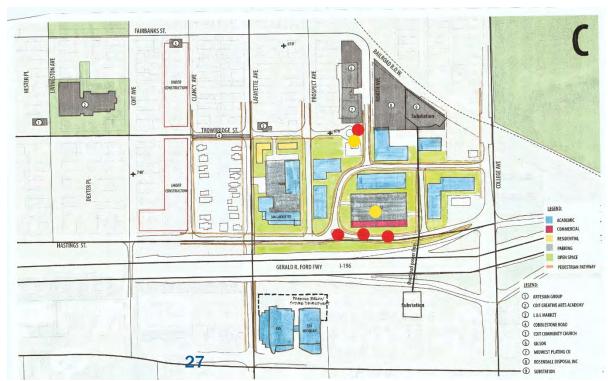


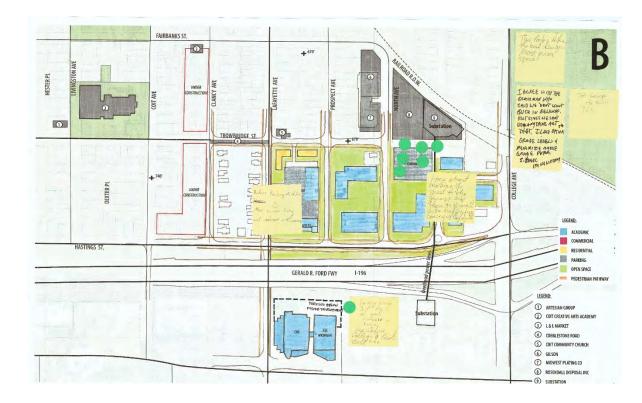
**GVSU BELKNAP MASTER PLAN** 26

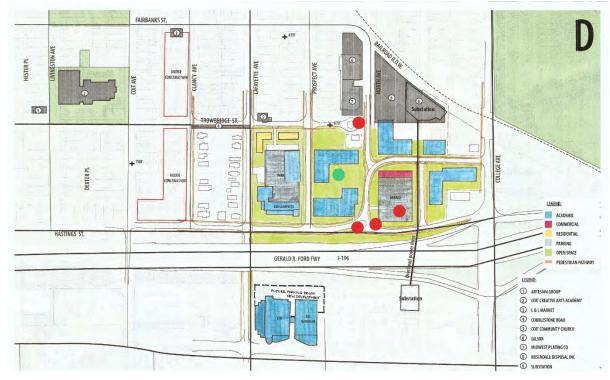
(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

## **December 8<sup>th</sup> Alternatives**









## Summary Feedback from December 8<sup>th</sup> Meeting

Public Open House Comments

- 500 Lafayette Site Plan:
  - Site Plan modified to 1 level of surface parking
  - *Concern about long term surface parking and views*
  - *Can GVSU add a future building to this block?*
  - Retain some parking on block for staff, ADA, visitors
- Circulation:
  - *Consider making the entry off of College go directly into* garage to prevent traffic from coming up Lafayette
  - Do not dead end Trowbridge, keep it connected to North St.
  - Show proposed Hastings St. connection to College Avenue

- Proposed Parking Concerns:
  - GVSU should consider reducing parking in neighborhood
  - Put parking below 333 Michigan Street building
  - Look at parking south of I-196
  - If it must be north of I-196, locate garage closest to ex. Industrial
  - Include liner and/or active ground floor use to garage
  - *Concerns about size of garage, lighting, noise, air quality, views*
  - Use existing grade to minimize visual impact of above-grade parking
- Alternatives: General Consensus on A and/or B:
  - Develop a concept with green space and campus-like feel
  - Show a future building and green space on Block 2, not all *surface parking*
  - Maintain future greenway concept on south side of Hastings

#### SMITHGROUPUR

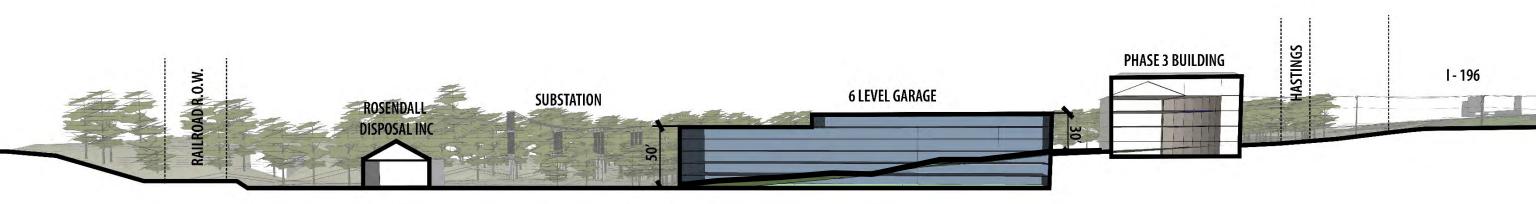
# Revised Master Plan options







## **Option A – Block 4 Garage Cross Section at 6 Levels**





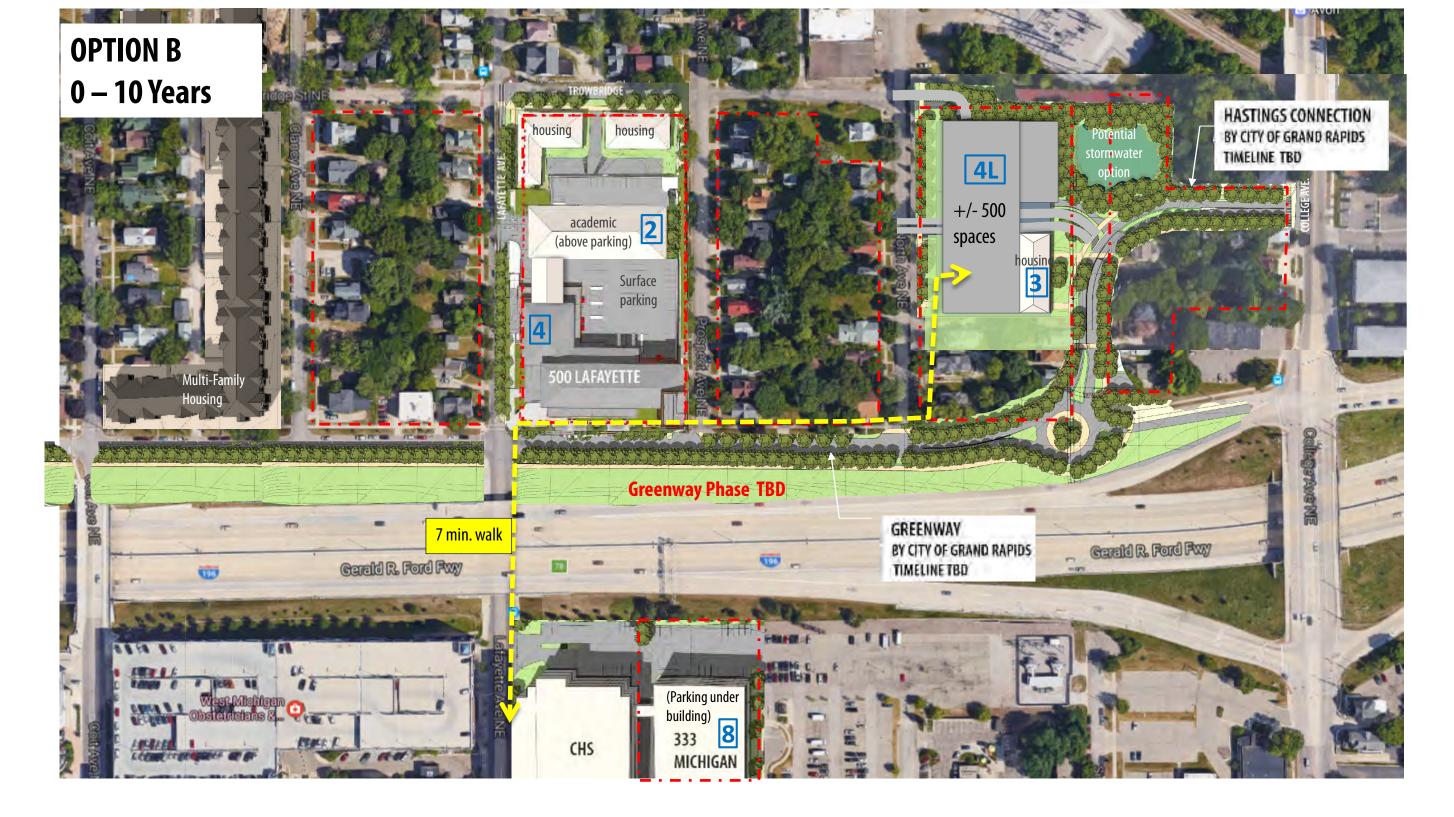
## **Concerns Heard Previously:**

- 1. Maintaining a housing presence, particularly affordable housing, in the neighborhood
- 2. The amount and scale of potential parking in the neighborhood
- 3. Increased traffic congestion in the neighborhood

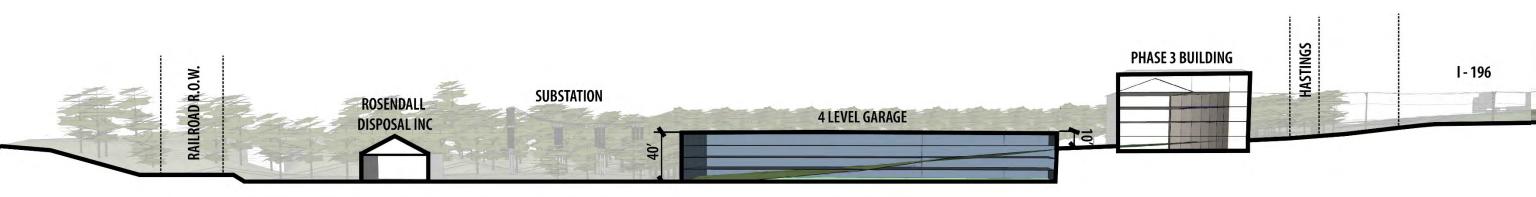
## What if ....

- GVSU could maintain some housing presence on its property over time, as blocks are redeveloped?
  - Could give some existing residents the option to stay in the neighborhood.
- GVSU could apply for student parking permits in the neighborhood on a short term basis (2-3 years)? 2.
  - This would "**buy more time**" for GVSU to continue negotiations with land owners for parking outside of Belknap. (currently 130 on-street spaces in the 5-block area – need an additional 300 - 370 spaces)
- GVSU could develop parking outside the neighborhood? 3.
  - This would greatly reduce the scale and amount of future parking needed in the neighborhood, and reduce potential future traffic and congestion.
  - The Hastings Street connection to College Avenue would also help reduce traffic congestion in Belknap.





## **Option B– Block 4 Garage Cross Section at 4 Levels**











## **Example - Parking with Residential "Liner Building"**

Ohio State University South Gateway



GVSU BELKNAP MASTER PLAN

(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.) **43** 



#### **OPTION A**

#### <u>Pros:</u>

- Preserves Block 1 existing housing (49 units)
- Provides +/- 30-36 replacement housing units
- Future garage on Block 4 closer to College Avenue
  Sufficient academic square footage in the future

- Total housing +/- 79 85 units
- Meets GVSU parking requirements within 5 blocks

#### <u>Cons:</u>

- Significant parking in 5-block area
- Phasing concerns
- Traffic capacity and phasing of Hastings Street connection

#### GVSU BELKNAP MASTER PLAN



#### **OPTION B**

#### Pros:

- Preserves Block 1 existing housing (49 units)
- Provides +/- 50-56 replacement housing units
- Total housing +/- 99 to 105 units •
- Future garage on Block 4 closer to College Ave for easy access

#### Cons:

- Less academic square footage in the future
- Greater walking distance for students



#### **OPTION C**

#### Pros:

- Preserves south end of Block 1 housing (15-20)
- Provides +/- 90 96 replacemt. housing units
- Total housing +/- 105 to 116 units

#### Cons:

- Less preservation of <u>existing</u> housing stock
- Potential for more traffic on Lafayette

(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

Future garage on Block 1 closer for students Future garage could be used off hours for neighborhood uses

• More academic square footage in the future

# Belknap Campus Design Guidelines









### **Beautiful and functional**



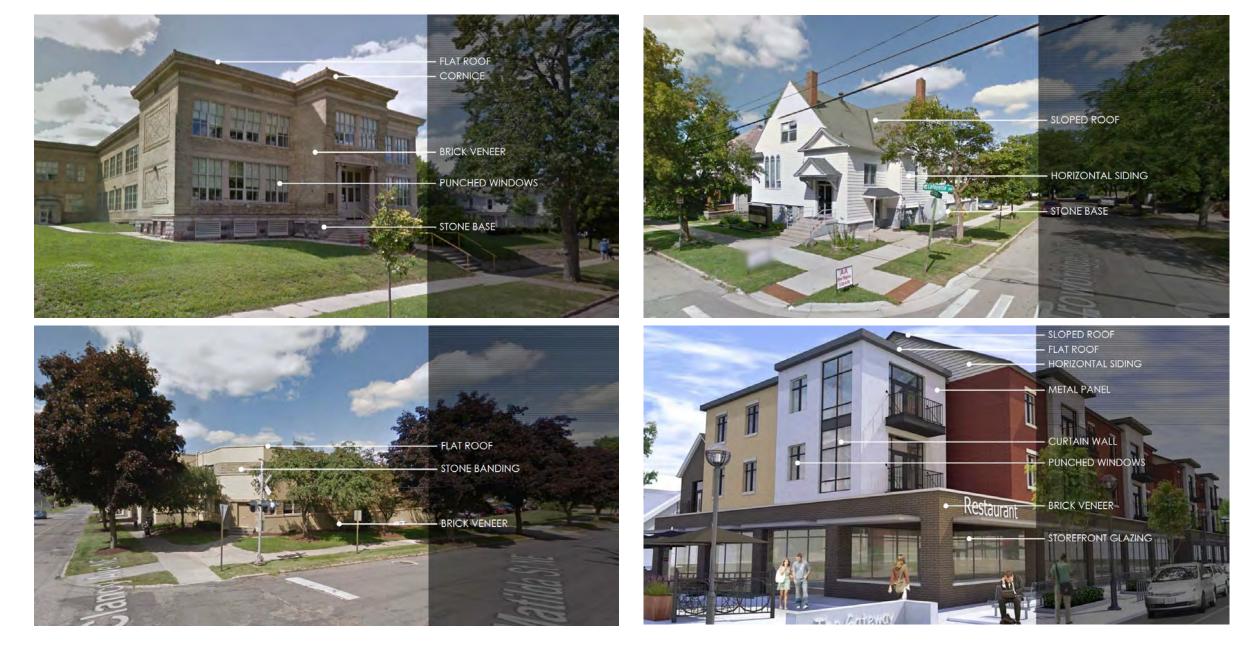
# 



## **Belknap Neighborhood Architectural Survey**

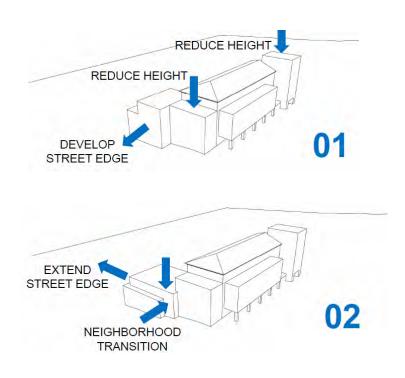
Existing Architectural Characteristics

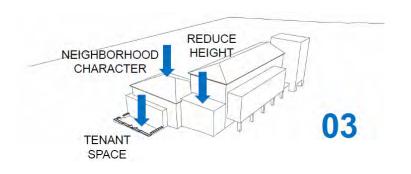
- Sloped Roof
- Flat Roof
- Cornice
- Brick Veneer
- Punched windows
- Horizontal Siding
- Stone Base
- Stone Banding
- Metal Panel
- Curtain wall
- Storefront Glazing



## 500 Lafayette - Massing Progression

### Neighborhood Scale







## **GVSU Building Scale and Height Guidelines**

- Work with topography to reduce scale of building •
  - 4–5 stories along Hastings
  - 2-3 stories along Trowbridge -----
- Pitched roofs to visually reduce scale and height, ٠ compatible with existing neighborhood character
- Punched windows and glazed façade to break up • building massing.
- Dark and light brick façades gives depth and visual ۲ interest





(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

## Scaling down

Corner of Lafayette and Hastings

- Pair flat roofs with pitched roofs to resemble neighborhood character
- Step building mass away from the street as height increases
- Lower height as buildings approach existing residential to north
- Add low walls, planters, and outdoor terraces along the streetscape to soften the building



## **Quality Materials**

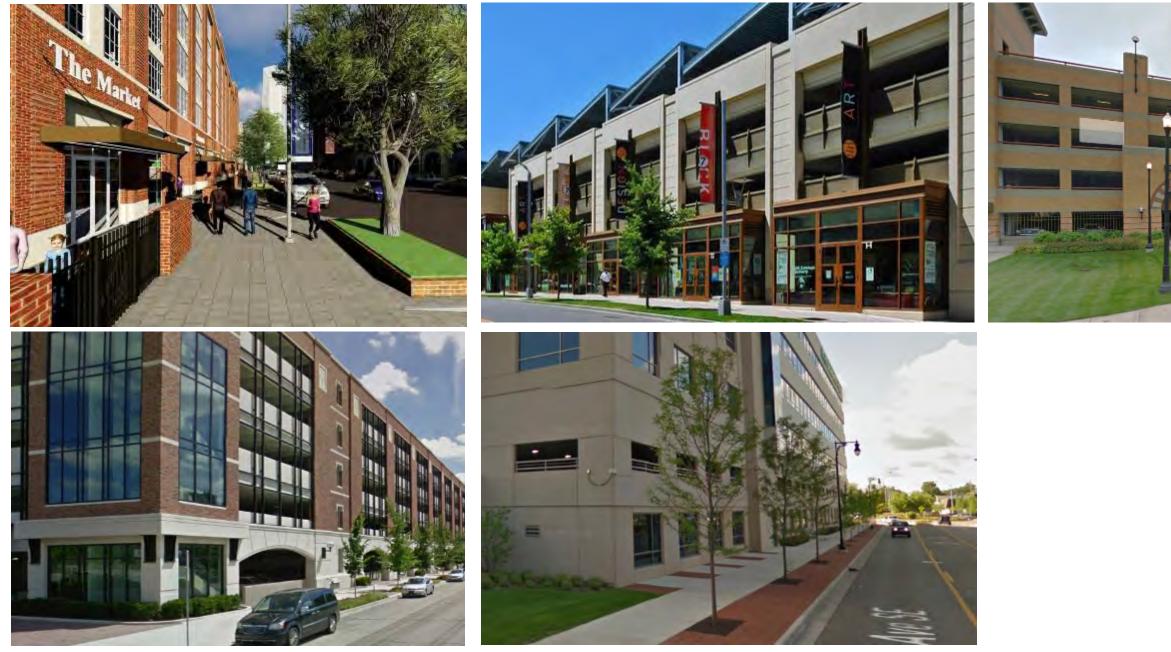
Brick, Stone, Glass, Metal



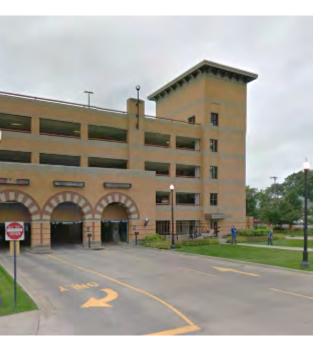
(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.) **52** 

## **Additional Parking Design Options**

Quality Architecture, Active First Floor, Green Edges, Parking under Development



(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

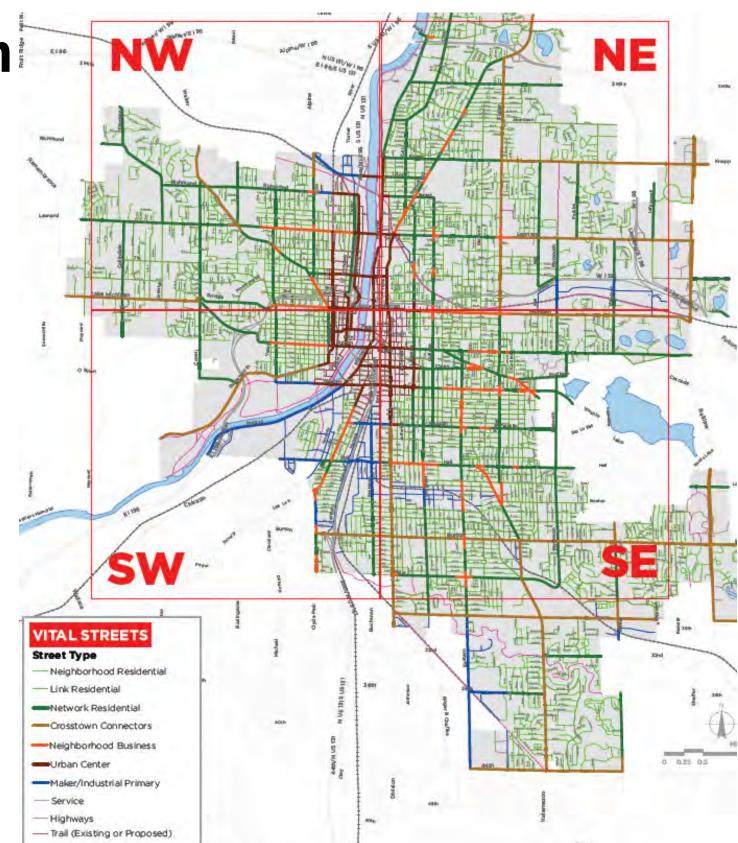


## City of Grand Rapids Vital Streets Plan

The Vision for Vital Streets - 2016

The network of city streets and rights-of-way will:

- Be accessible, attractive, multimodal and safe
- serve all people of our community
- contribute to the livability of our neighborhoods and business districts
- protect the quality of our river
- increase economic opportunity to individuals, businesses, and new development



## **City of Grand Rapids Vital Streets Plan**

Belknap Neighborhood Street Types

### **Neighborhood Residential:**

*Clancy, North, Prospect, Sinclair, and Trowbridge* 

- Maintain low vehicle volumes and low travel speeds
- Provide access to homes, driveways •
- Wide lawn terraces, street trees, sidewalks, • and street lighting

### **Link Residential Streets:**

*Hastings Street* :

- Modest vehicle volumes, low travel speeds ullet
- Provides access to homes, connects to local • destinations
- Linear greenway, canopy trees and  $\bullet$ landscape along right-of-way

### **Network Residential:**

- Protect residential quality of life  ${\color{black}\bullet}$
- Accommodate safe and efficient • cross-town connectivity
- Multiple modes of transportation •
- Provide a quality street, natural ulletenvironment, unique sense of place



*Lafayette St and College Avenue:* 

## **GVSU Landscape Design Guidelines**

Emphasis on Hardiness, Native Species, Color, Seasonal Interest, Ease of Maintenance



**GVSU BELKNAP MASTER PLAN** 





## **GVSU Green Infrastructure**

Sustainable Streetscape Design and Stormwater Management



## **GVSU Campus Open Space Guidelines**

Useable and Active Campus and Neighborhood Social Space



(This document shows a variety of preliminary planning concepts. These are not the final recommendation of GVSU.)

# Overall Q & A

6

www.gvsunoblplanning.org



## **Small Group Discussions**



## **Evaluation and Discussion of Plan Options**

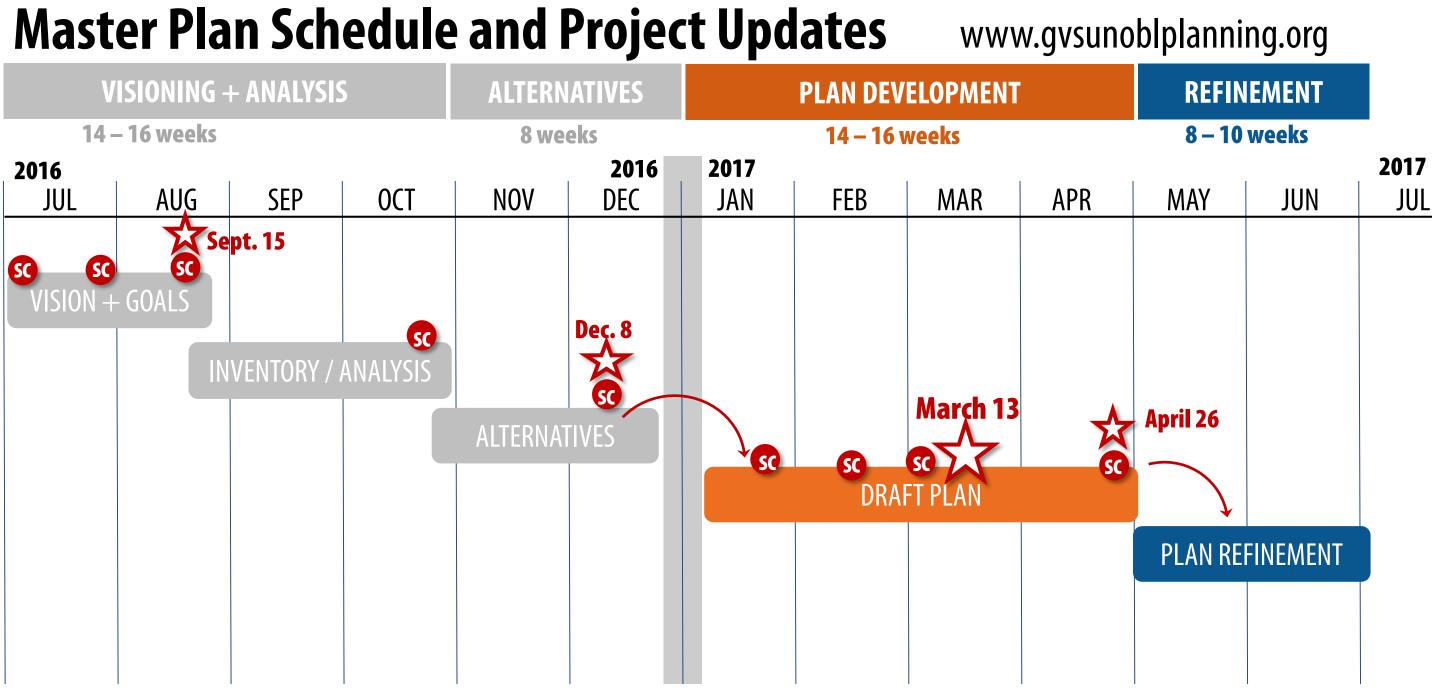
Questions for Small Group Discussion

- 1. In your opinion, what are the pros and cons of each Plan Option?
- 2. Overall, which Plan Option has the most merit and why?
- 3. Are there specific changes you would make to any Plan Option? Please describe.
- 4. What have we missed? What additional ideas would you propose?

# Small Groups Report Back and Next Steps

www.gvsunoblplanning.org





= Steering Committee Meeting



# THANK YOU

www.gvsunoblplanning.org

