

Population: 2,688 (2020 Census)

AGE **Grand Traverse** Whitewater Michigan County Twp. Persons under 18 21.4% 19.9% 21.4% years Persons 65 years old 18.1% 24.6% 21.3% and older 40.2 43.4 Median Age (years)

The median age of a Whitewater Township Resident is about 8 years older than that of a Grand Traverse County resident, and more than 11 years older than that of a State of Michigan resident.

Source: ACS 1-Year Estimates Data Profiles, 2021 and ACS 5-Year Estimates Subject Tables

24.6%

Almost one in four residents of Whitewater Township is 65 years old or older.



HOUSEHOLDS

	Whitewater Twp.	Grand Traverse County	Michigan
Average Household Size		2.34	2.43
Owner-Occupied Housing		76.3%	73.2%

Residents of Whitewater Township live in somewhat larger households.

Source: ACS 1-Year Estimates Data Profiles, 2021 and ACS 5-Year Estimates Subject Tables

90.7%

More than 9 out of 10 homes in Whitewater Township are owneroccupied.

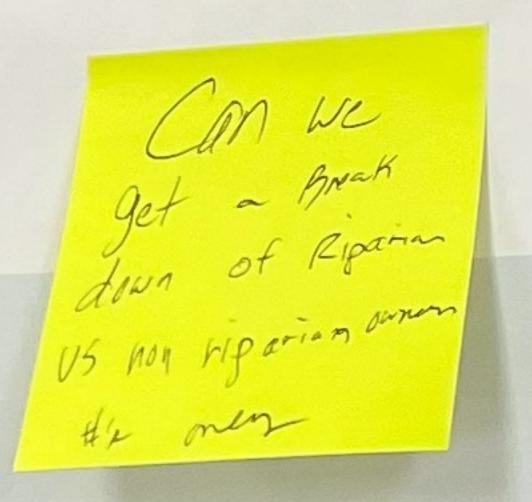


YEAR HOMES WERE BUILT (PERCENT OF OCCUPIED UNITS)

	Whitewater Township	Grand Traverse County	Michigan
2020 or later	.6%	.6%	.4%
2020 or later	3.5%	11.3%	5.2%
2010 to 2019	15.0%	19.8%	10.4%
2000 to 2009		31.1%	22.1%
1980 to 1999	44.2% 25.2%	21.4%	27.1%
1960 to 1979		7.6%	21.1%
1940 to 1959	4.0%	8.2%	13.7%
1939 or earlier	7.6%	0.270	- In the

More than 4 out of 10 occupied housing units that exist today in Whitewater Township were built between 1980 and 1999. This suggests that during this time, a local building boom occurred.

Source: ACS 1-Year Estimates Data Profiles, 2021 and ACS 1-Year Estimates Subject Tables



INCOME (2021 Est.)

	Whitewater Twp.	Grand Traverse County	Michigan
All Households (mean income)	\$91,842	\$84,905	\$86,093
All Households (median income)	\$75,685	\$65,651	\$63,498

Whitewater Township residents generally have higher household incomes than the County and State as a whole.

Source: ACS 5-Year Estimates Subject Tables and ACS 1-Year Estimates Subject

\$75,685

Household incomes are generally higher in Whitewater Township.

"Mean" referes to the average of a set of values.

"Median" referes to middle number in a sorted list of numbers

Educational Attainment

Tables and ACS 5-Year Estimates Subject Tables

	Whitewater Twp.	Grand Traverse Co.	Michigan
Population 25 years and older with a Bachelor's Degree	25.4%	21.8%	19.2%

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Source: ACS 1-Year Estimates Subje	ect Tables and ACS 5	-Year Estimates Subjec	t Tables

Other Labor Force Characteristics

	Whitewater Twp.	Grand Traverse Co.	Michigan
Population 16 years and over in Labor Force	57.2%	62.0%	60.9%
Workers 16 years and over - Mean travel time to work (minutes)	26.7	21.3	23.8

Source: ACS 1-Year Estimates Subject Tables and ACS 5-Year Estimates Data Profiles

in Whitewater

25.4%

Township have a Bachelor Degree.

About 1 in 4 adults

Minutes to get to work

Workers in Whitewater Township generally travel further for employment.

Labor Force By Industry

ivilian employed population 16 years and over	Whitewater Twp.	Grand Traverse Co.	Michigan
Agriculture, forestry, fishing and hunting, and mining	2.8%	1.5%	1.1%
Construction	13.8%	8.2%	5.6%
Manufacturing	10.3%	10.3%	18.7%
Wholesale trade	3.2%	2.0%	2.3%
Retail trade	14.3%	13.7%	10.8%
Transportation and warehousing, and utilities	3.4%	3.0%	4.6%
	0.9%	1.2%	1.3%
Information Finance and insurance, and real estate and rental and leasing	5.7%	6.8%	5.7%
Professional, scientific, and management, and administrative and waste management services	9.8%	9.9%	9.8%
Educational services, and health care and social assistance	21.1%	24.7%	23.3%
Arts, entertainment, and recreation, and accommodation and food services	7.4%	11.7%	9.0%
	5.3%	3.8%	4.5%
Other services, except public administration	1.9%	3.1%	3.4%
Public administration	1.570		

2015 Master Plan Revisit

Green = Yes/Keep

Orange = Not sure/Maybe

Red = No/Do not keep

Build a Sense of Community

Encourage social and cultural activities for year-round and seasonal residents.

Recognize and preserve the scale and compact nature of the commercial district.

Support and encourage the development and implementation of a recreation plan.

Encourage preservation of historically significant features within the Township.

Encourage Economic Opportunities

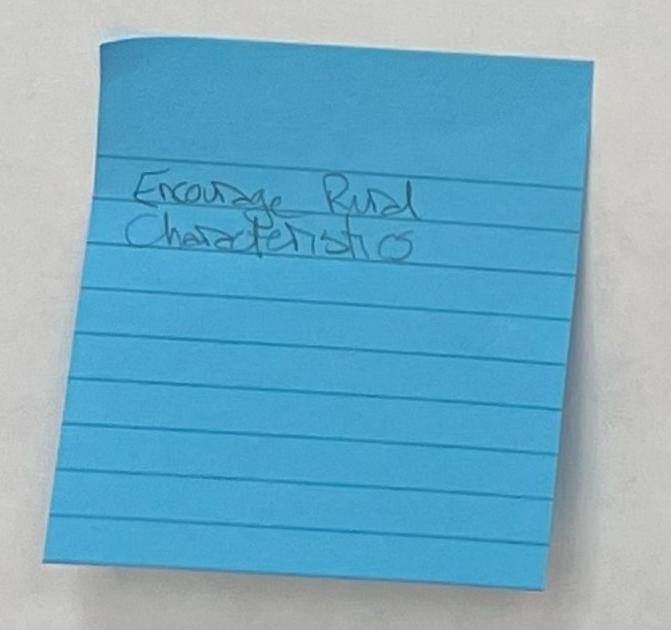
Support property owners who engage in home occupation activities which are in character with the area/neighborhood.

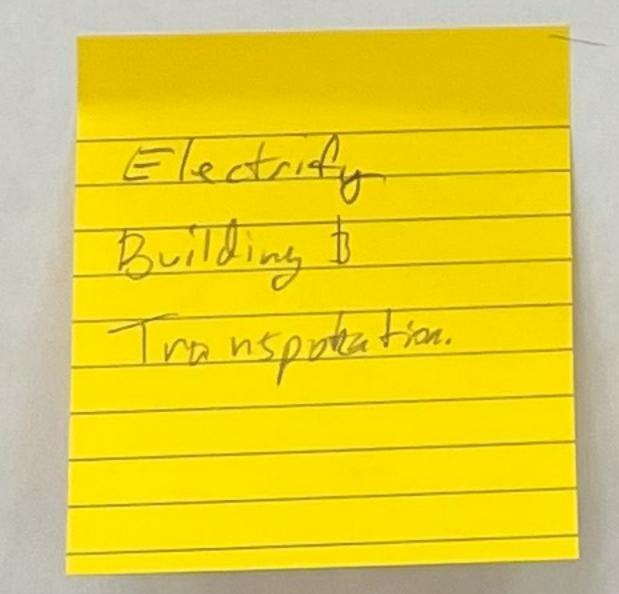
Support business, agricultural production and agritourism.

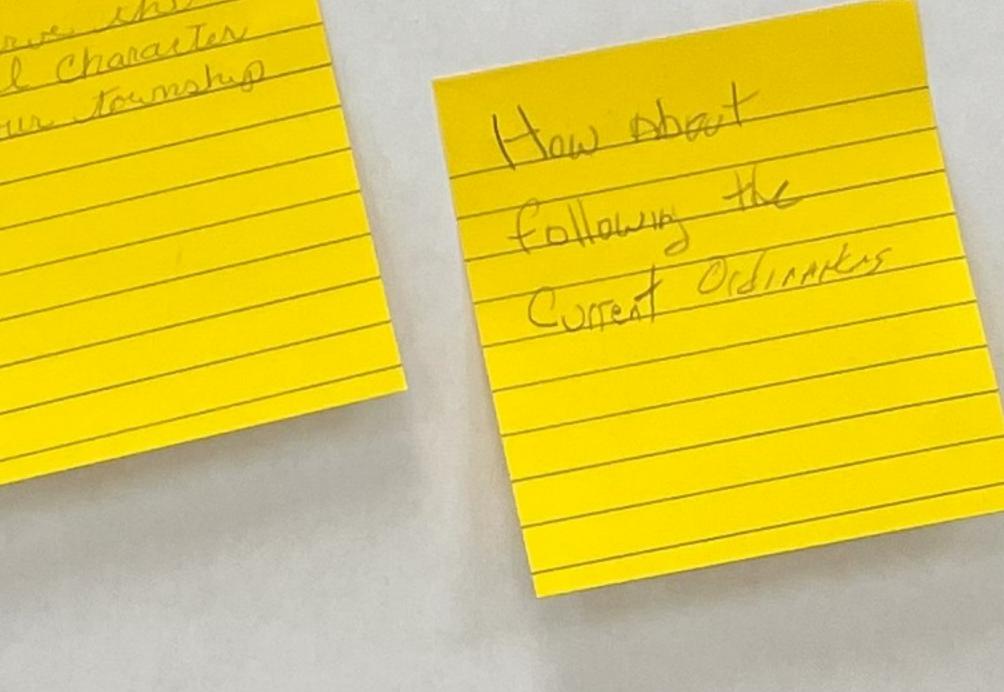
Streamline the application process for development.

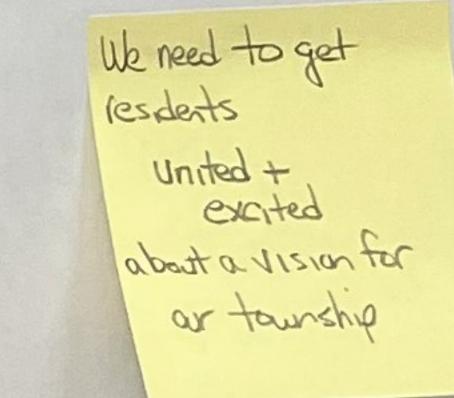
Encourage municipal infrastructure for the benefit of the Township and areas of

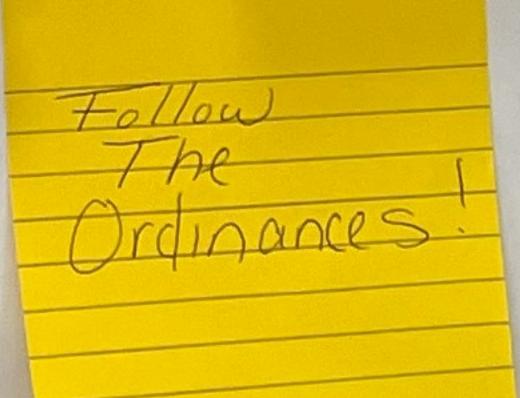
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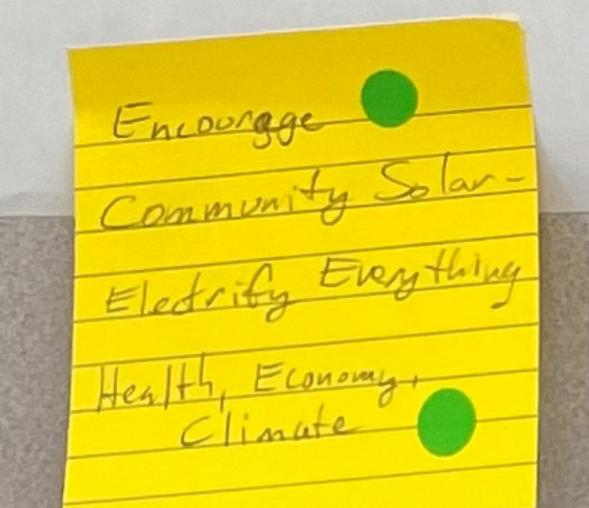
Respect the Rights of Township Residents and Property Owners

- Respect private property rights as guaranteed by the State of Michigan and United States Constitutions.
 - Encourage new development in areas with infrastructure that is available or attainable.
 - Encourage land uses that are compatible with adjacent land uses.
 - Encourage the cleanup or containment of blighted and/or contaminated sites
 - Increase awareness of land use issues and the techniques available to address land use issues.

Preserve Whitewater Township's Rural Character•

What is rural Chavacter supposed to mean = we need more housing,

- Encourage development that retains or mimics natural features.
- Encourage guidelines that preserve the environmental integrity of Township floodplains, wetlands, watersheds and water bodies.
 - Encourage community sewer and water systems in areas of the greatest environmental need.
 - Encourage the continuation of hunting, fishing, trapping, and other outdoor recreational opportunities.



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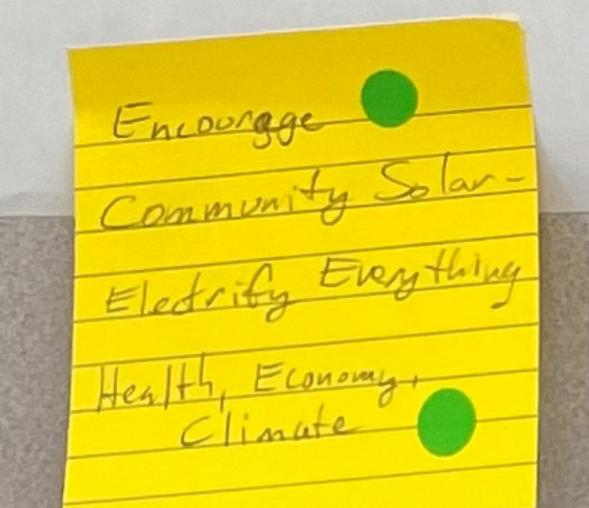
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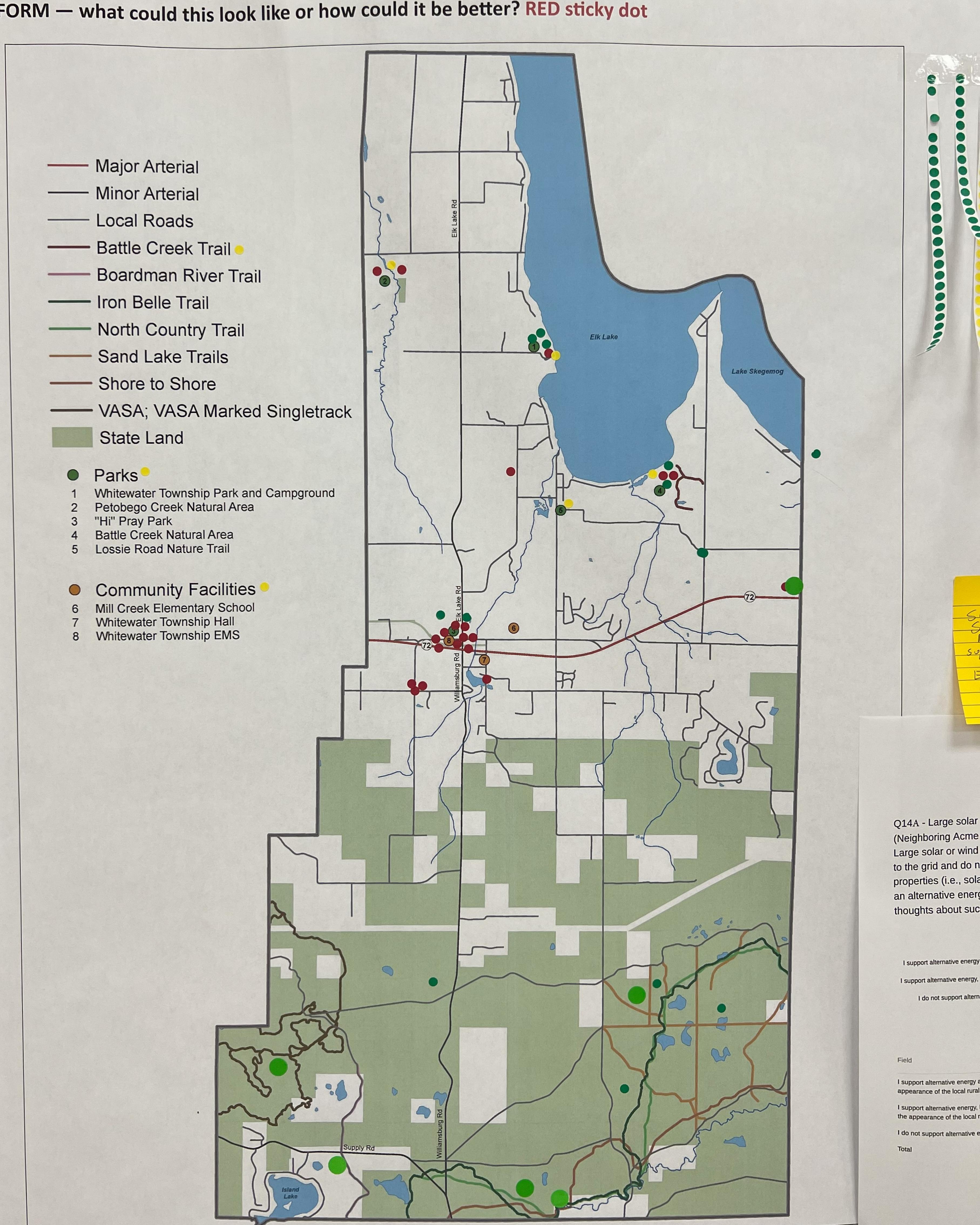
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Preserve, Enhance and Transform

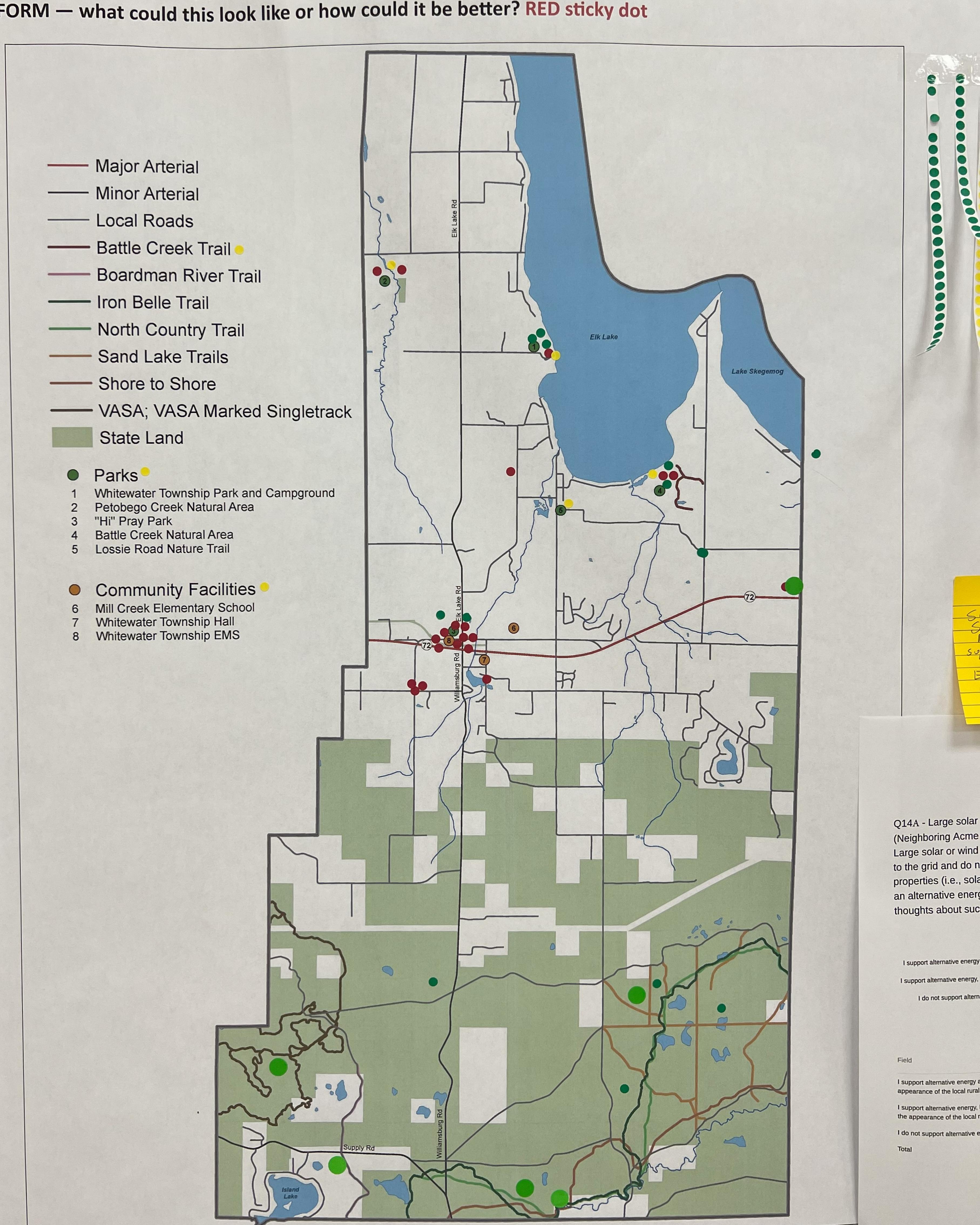
PRESERVE — these are the things that are great — keep them just how they are! GREEN sticky dot ENHANCE — there are already positive things happening here, how can we make them even better? YELLOW sticky dot TRANSFORM — what could this look like or how could it be better? RED sticky dot



I do not support altern

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Solar Rep. John Roth
Support connect bill. Whitewater Township Hall Whitewater Township EMS Eliminate Solar WWT does not bove the space for alternative
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Visual and environmental
Impacts would be huge. Q14A - Large solar or wind facilities are not uncommon in Michigan (Neighboring Acme Township approved 50-acre solar farm off M-72). Large solar or wind facilities produce larger amounts of power delivered to the grid and do not include individual systems serving individual properties (i.e., solar panels on rooftops). There are no current plans for an alternative energy facility in Whitewater Township, but what are your thoughts about such a facility in the future? I support alternative energy and . I support alternative energy, but I I do not support alternative ... 100 Choice Count I support alternative energy and believe that the environmental benefits outweigh the impacts on the appearance of the local rural landscape. I support alternative energy, but I also want to see basic approval conditions to minimize impacts on 321 the appearance of the local rural landscape. 198 Supply Rd I do not support alternative energy systems in a township like Whitewater. Q8A - Much of the land North of M-72 in Whitewater Township is zoned

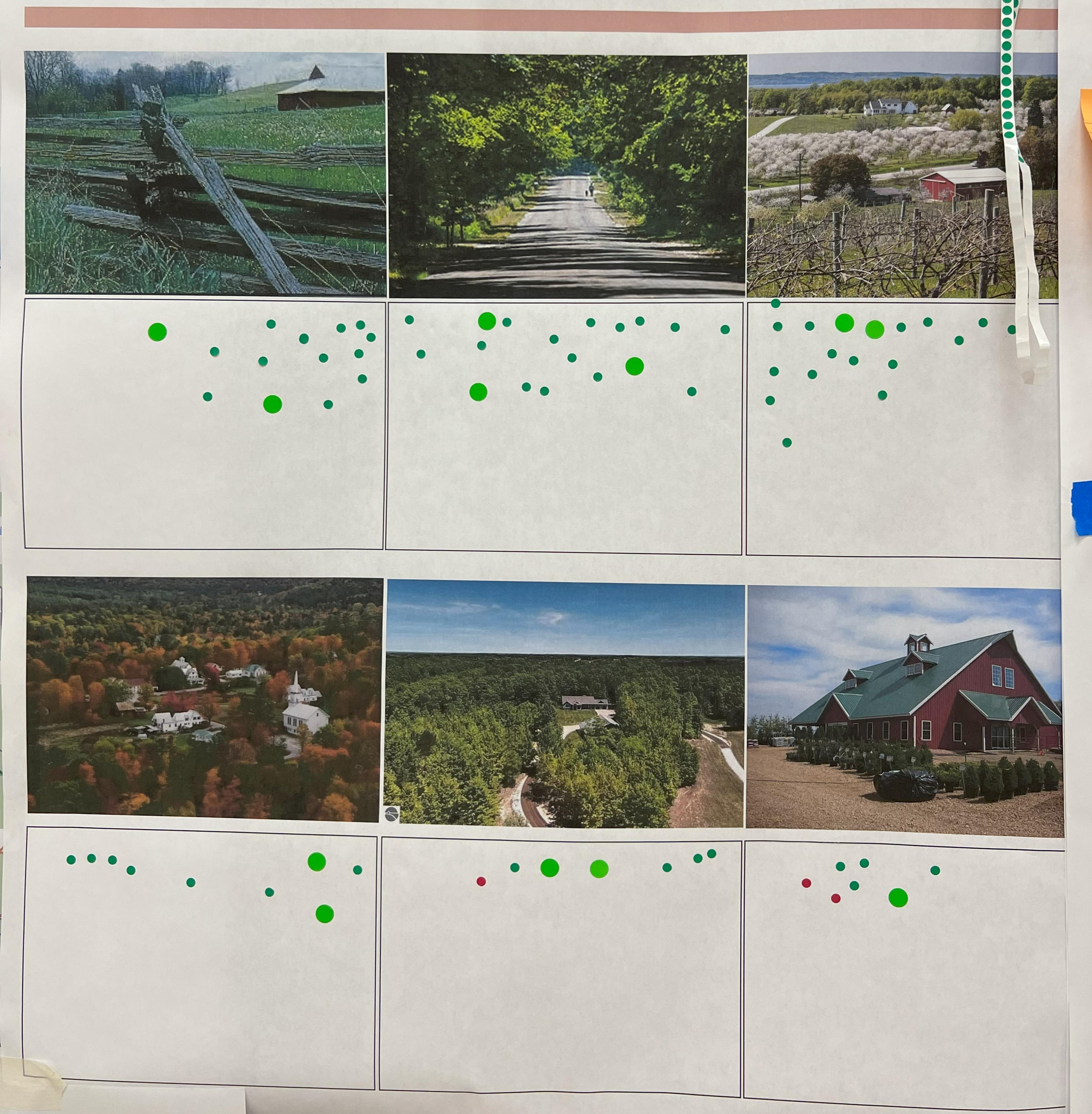
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Rural Character

In past master plans and surveys, residents have indicated a strong interest in maintaining the rural character of the township. Rural character can be challenging to define as it can mean many things — we want your help defining it!

Below are some photos of rural settings. You may use a **GREEN sticky** dot to indicate that you like the photo and that it mostly captures what you envision when you think of rural character.

You may also leave a comment to better explain your thoughts about what rural character means to you.



V

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Q6 -

Orch View Ext

> Open Dwell Orch Farm Wood

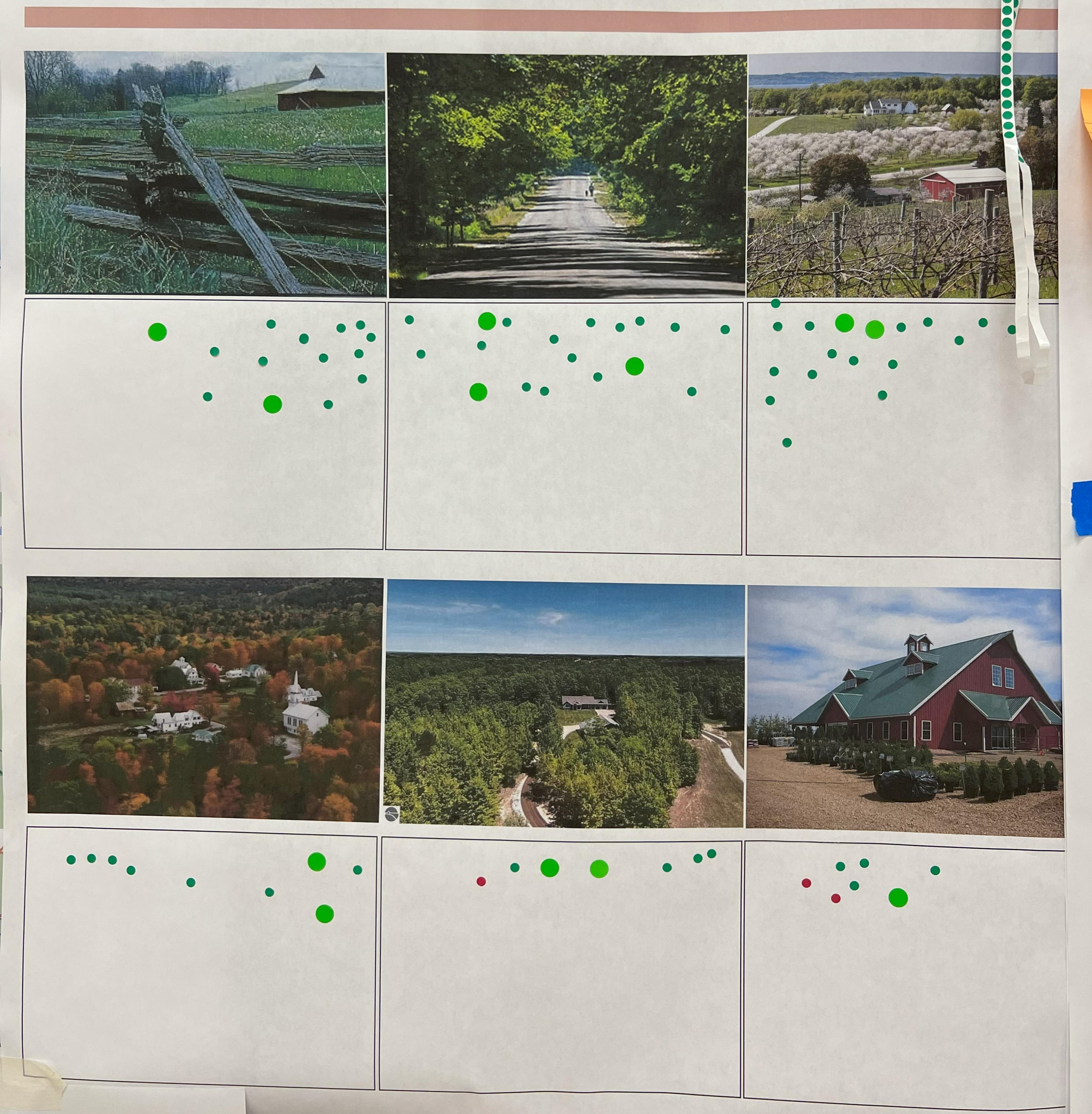
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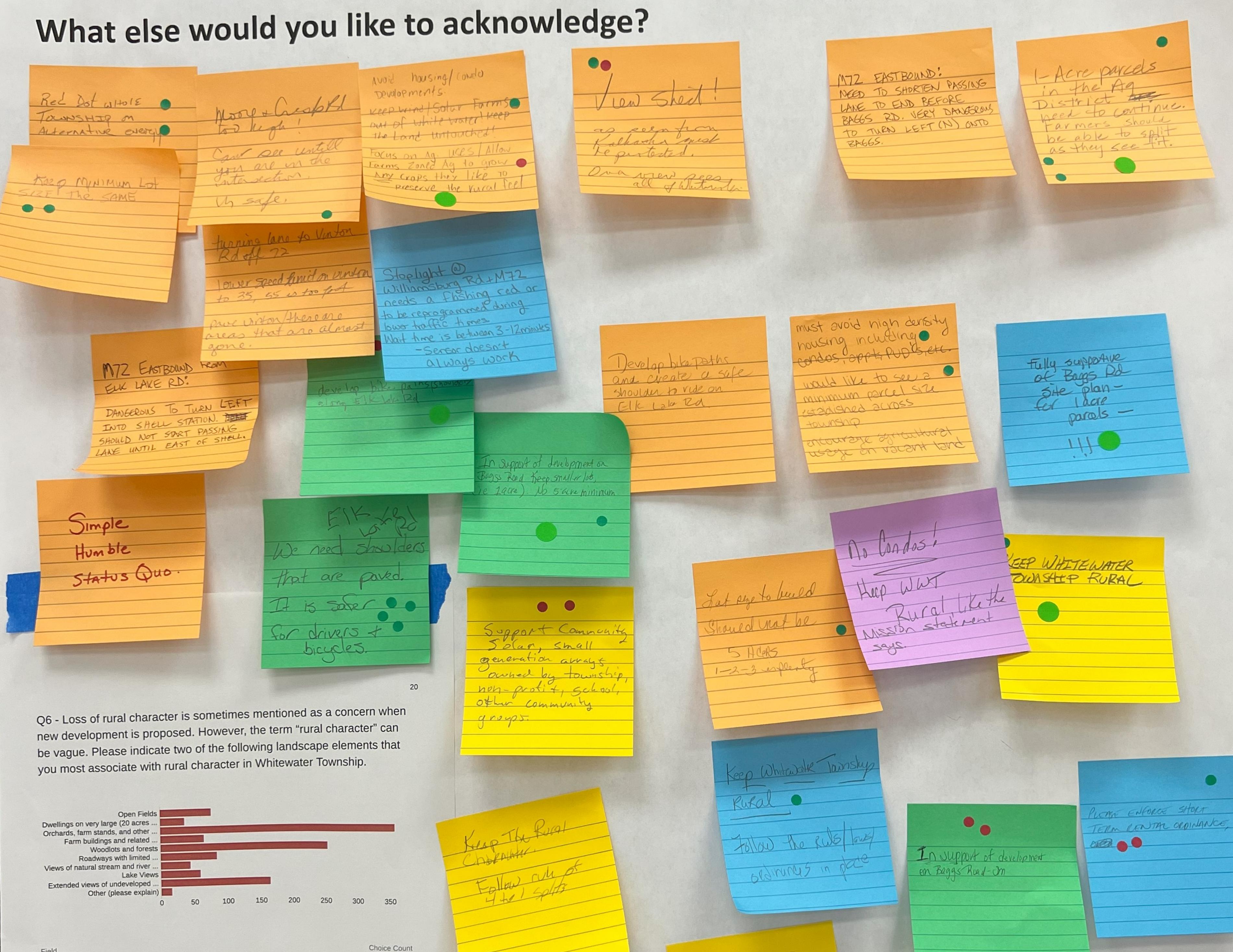
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Comments



no dense housing!

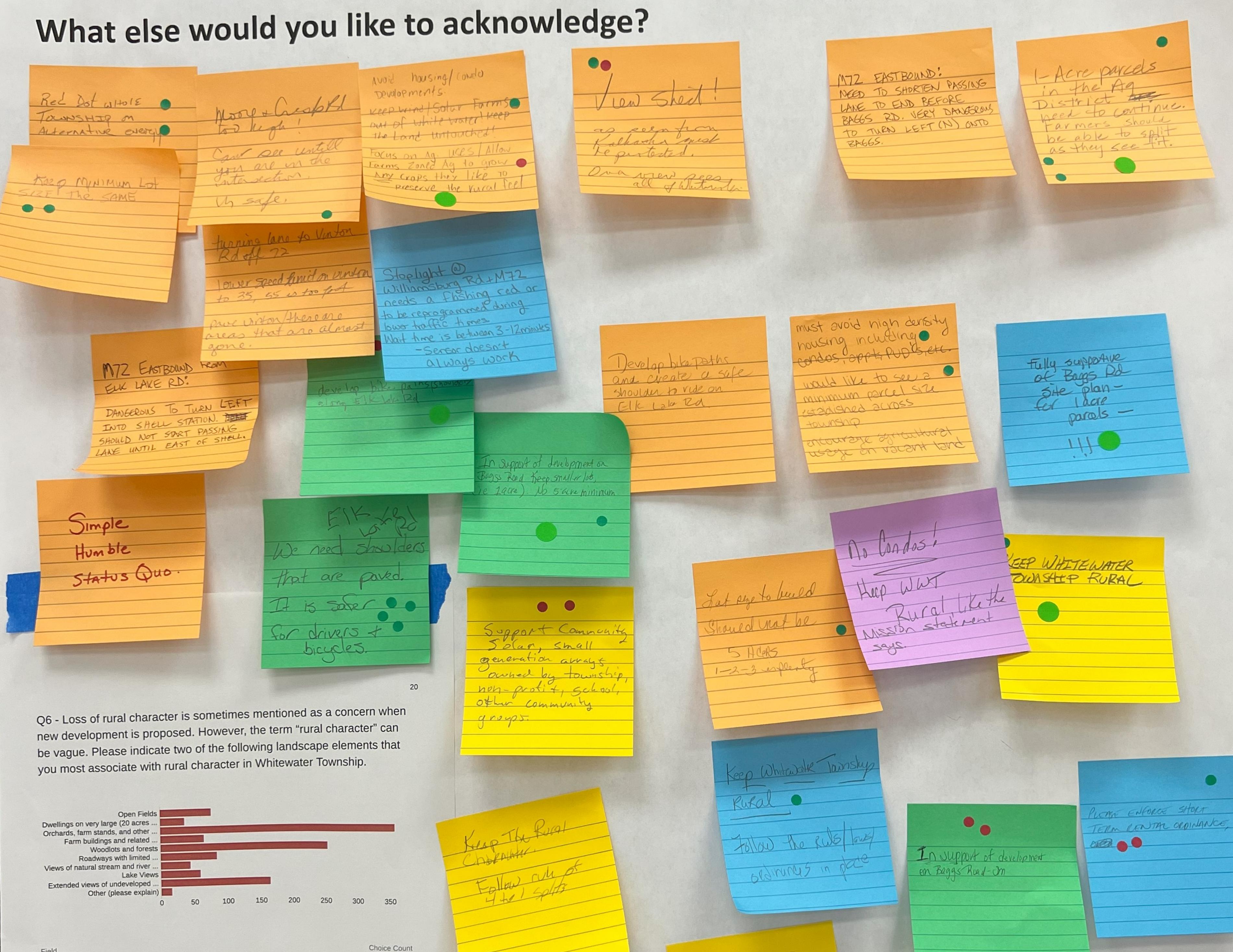
ESPELIALLY FROM

Field	Choice Count
Open Fields	76
Dwellings on very large (20 acres or more) parcels	36
Orchards, farm stands, and other agricultural land	357
Farm buildings and related architectural elements	65
Woodlots and forests	253
Roadways with limited development on either side	84
Views of natural stream and river corridors	44
Lake Views	59
Extended views of undeveloped land across the landscape	164
Other (please explain)	16

Total

1154

Comments



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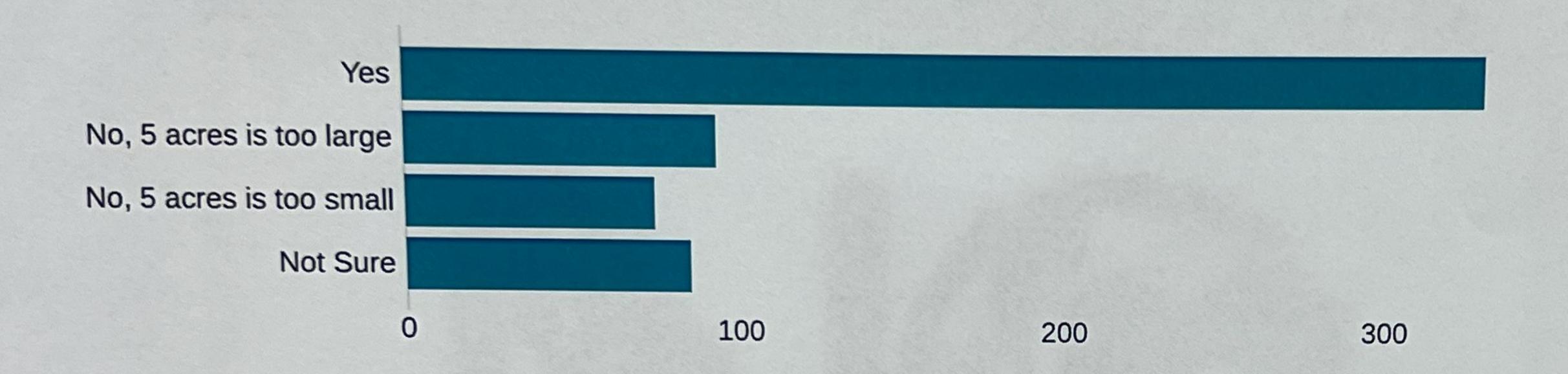
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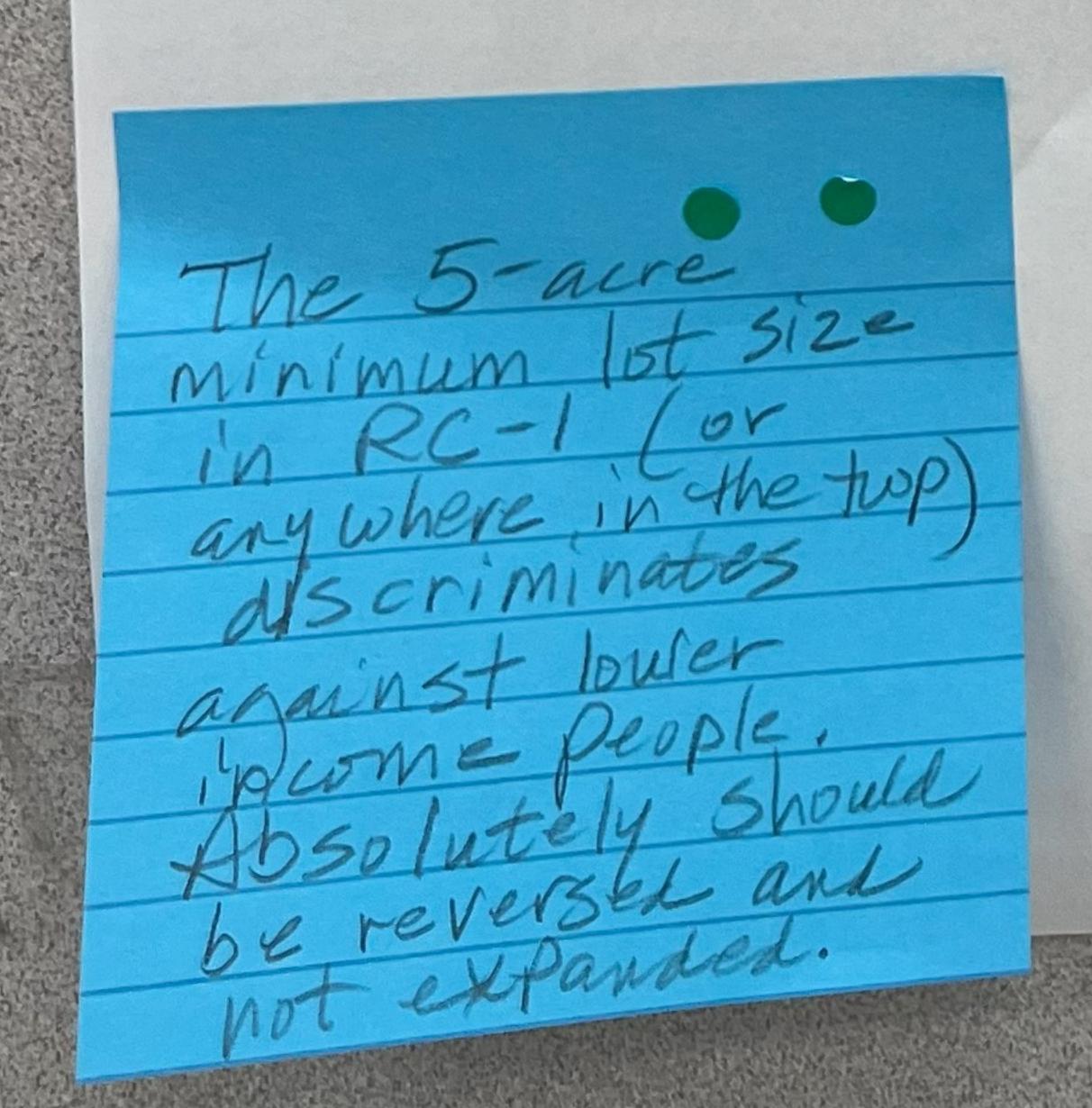
Total

1154

Q9A - Much of the land South of M-72 in Whitewater Township is zoned Recreational (RC-1). The minimum required parcel size in the RC-1 District is 5 acres (217,800 square feet – or about 300' x 725'). In your mind, is this 5-acre minimum parcel size appropriate in the RC-1 District?

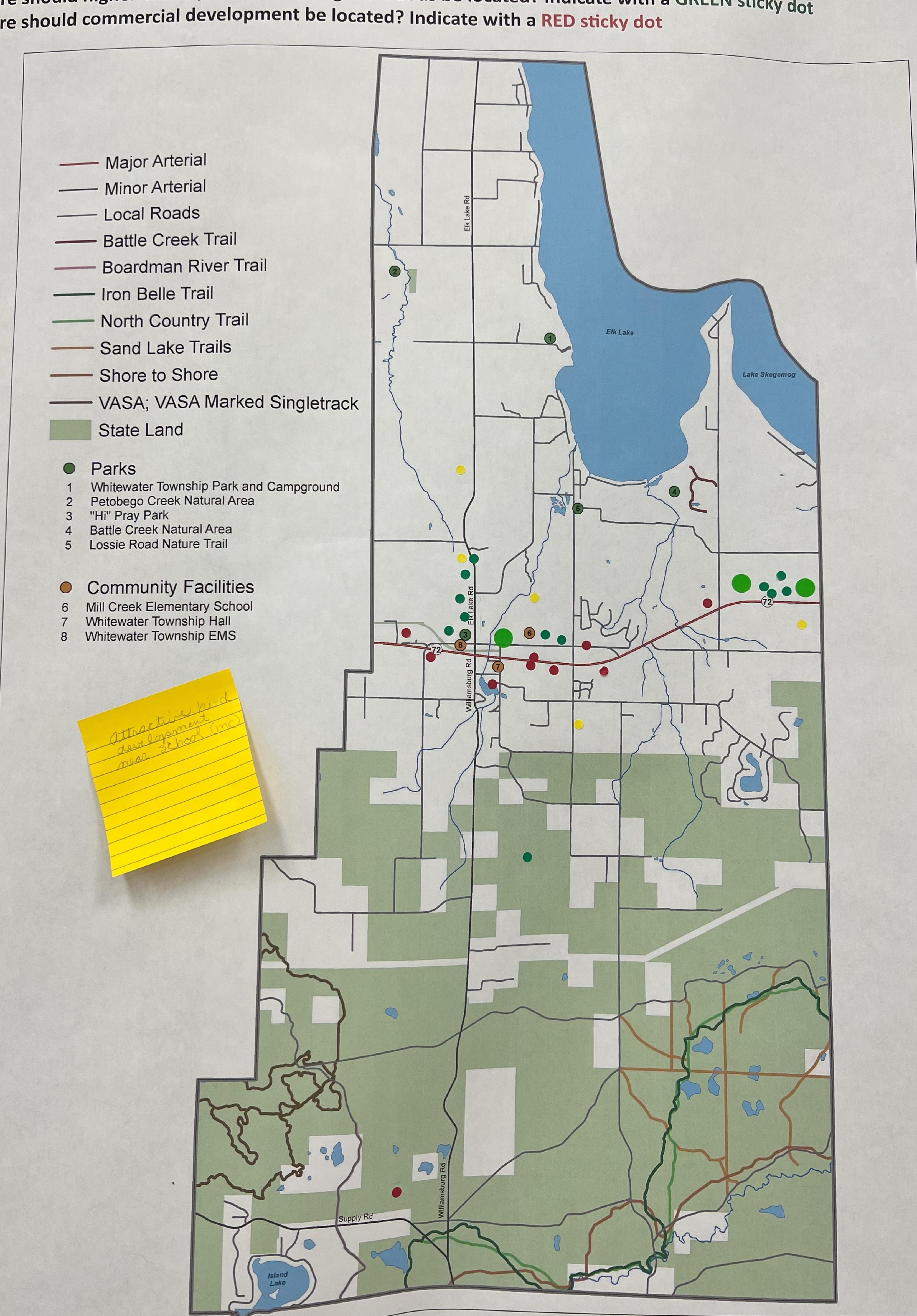


Field	Choice Count
Yes	329
No, 5 acres is too large	93
No, 5 acres is too small	74
Not Sure	85
Total	581



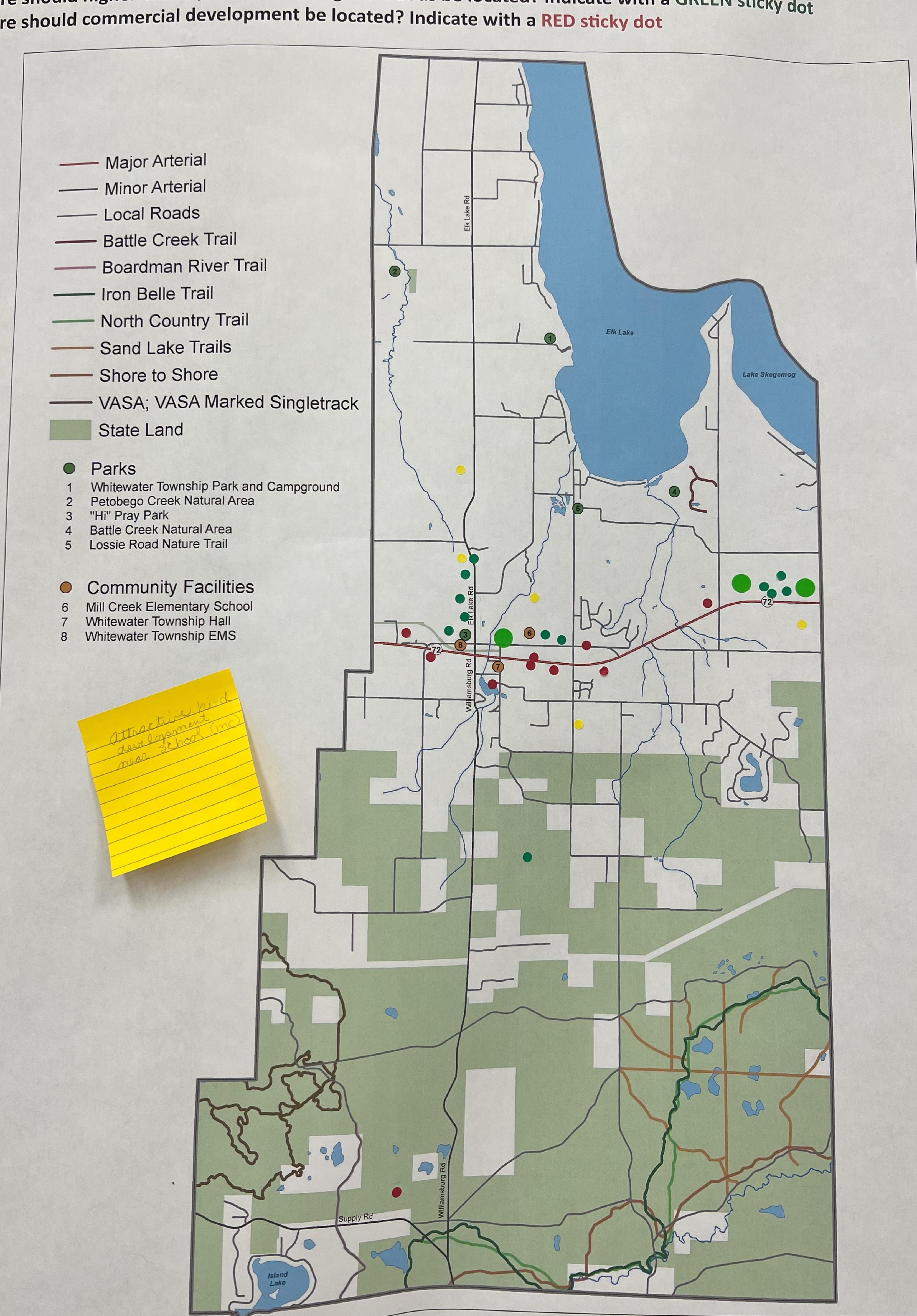
Development: Location

Where should low-density residential neighborhoods be located? Indicate with a YELLOW sticky dot Where should higher-density residential neighborhoods be located? Indicate with a GREEN sticky dot Where should commercial development be located? Indicate with a RED sticky dot



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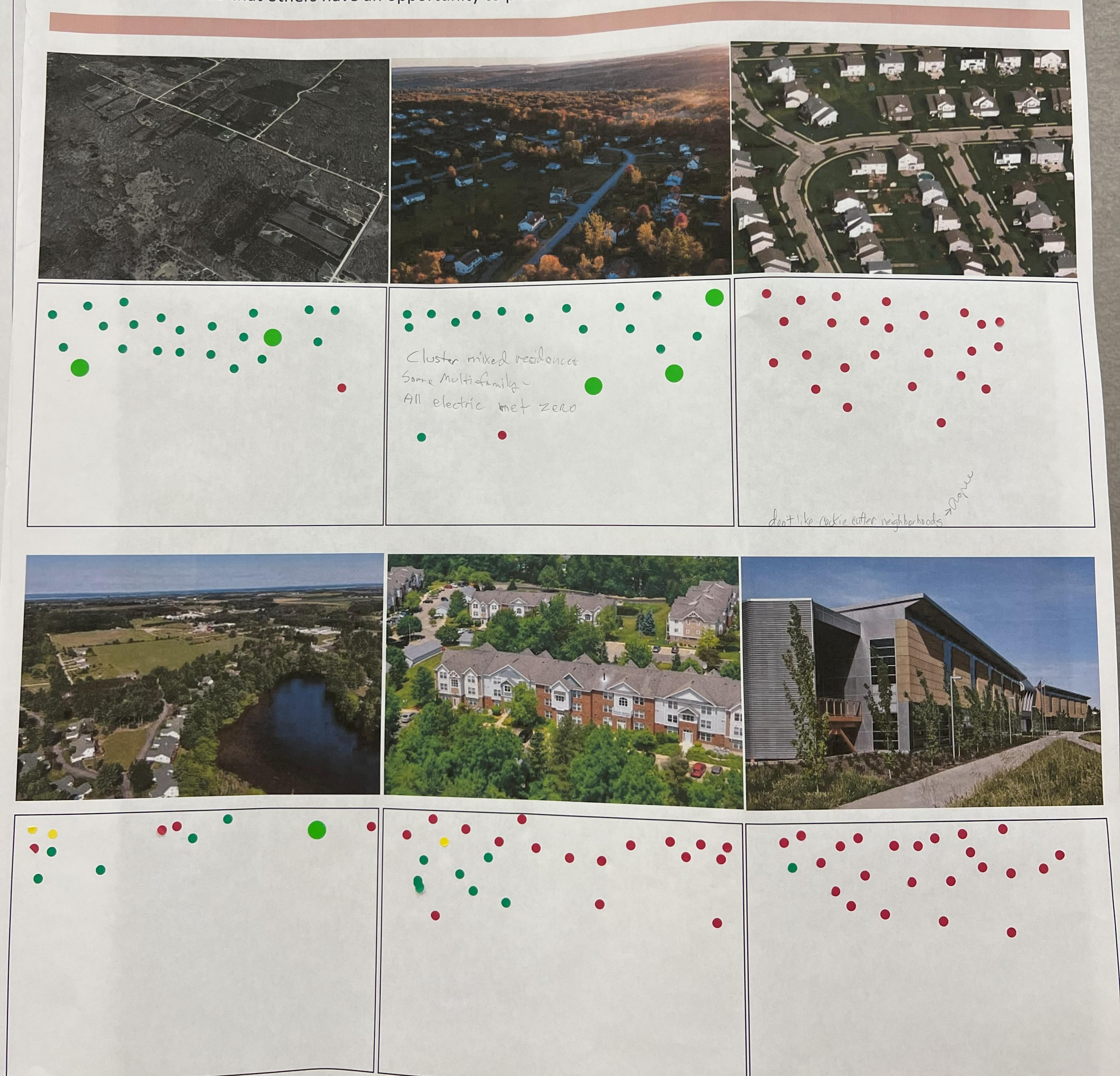
Development: Housing

The U.S. Census is estimating that the township will gain residents over the next few decades. We also know from the most recent survey that maintaining the rural character of Whitewater Township is important to the residents.

How should the township balance that growth while maintaining its identity?

Imagine 500 new residents move into the township — what would their new homes/neighborhoods look like?

You may leave a comment and explain why you do or do not like certain types of housing options — please keep comments brief so that others have an opportunity to provide feedback. **GREEN for "Pros"** and **RED for "Cons"**



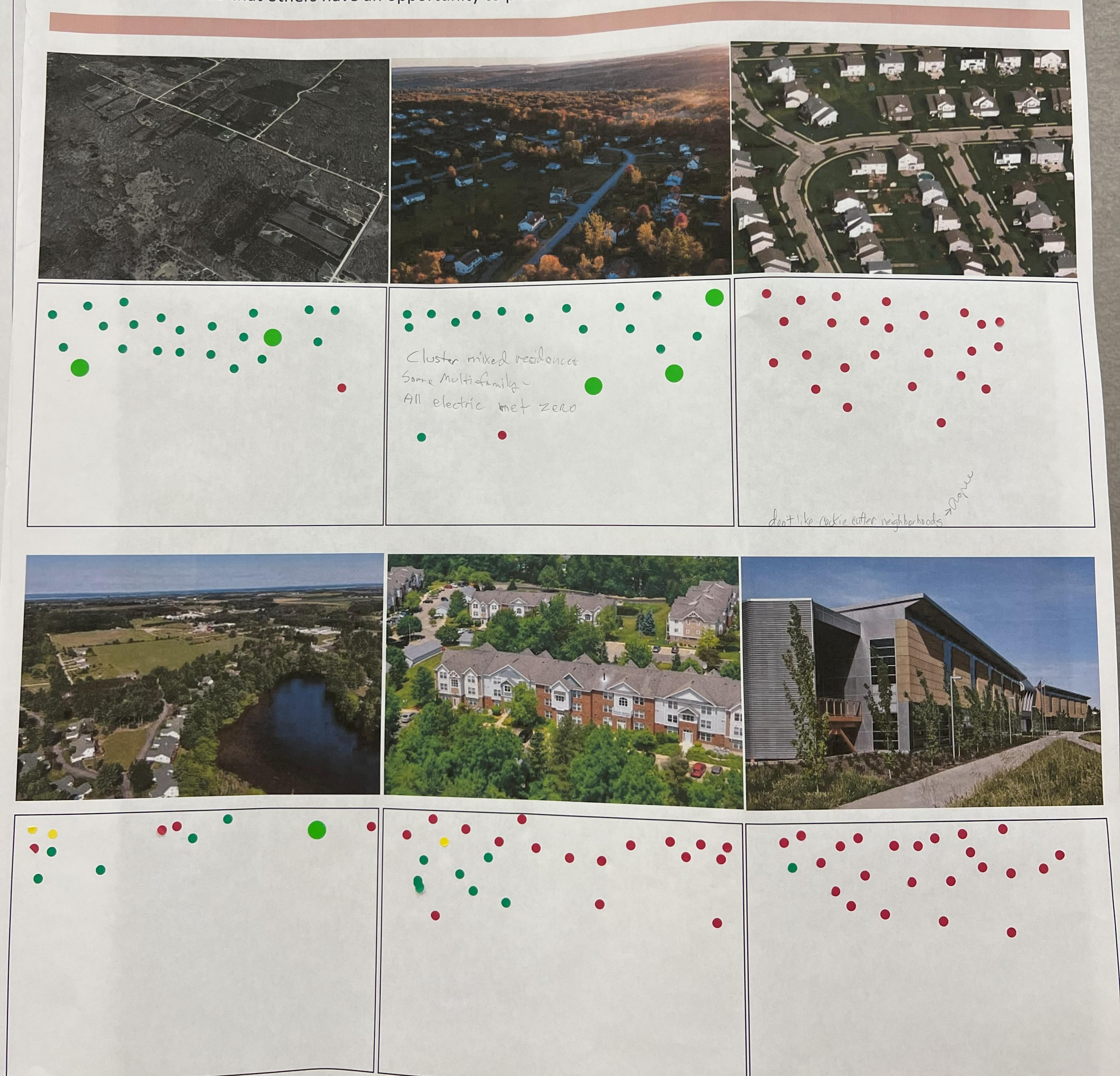
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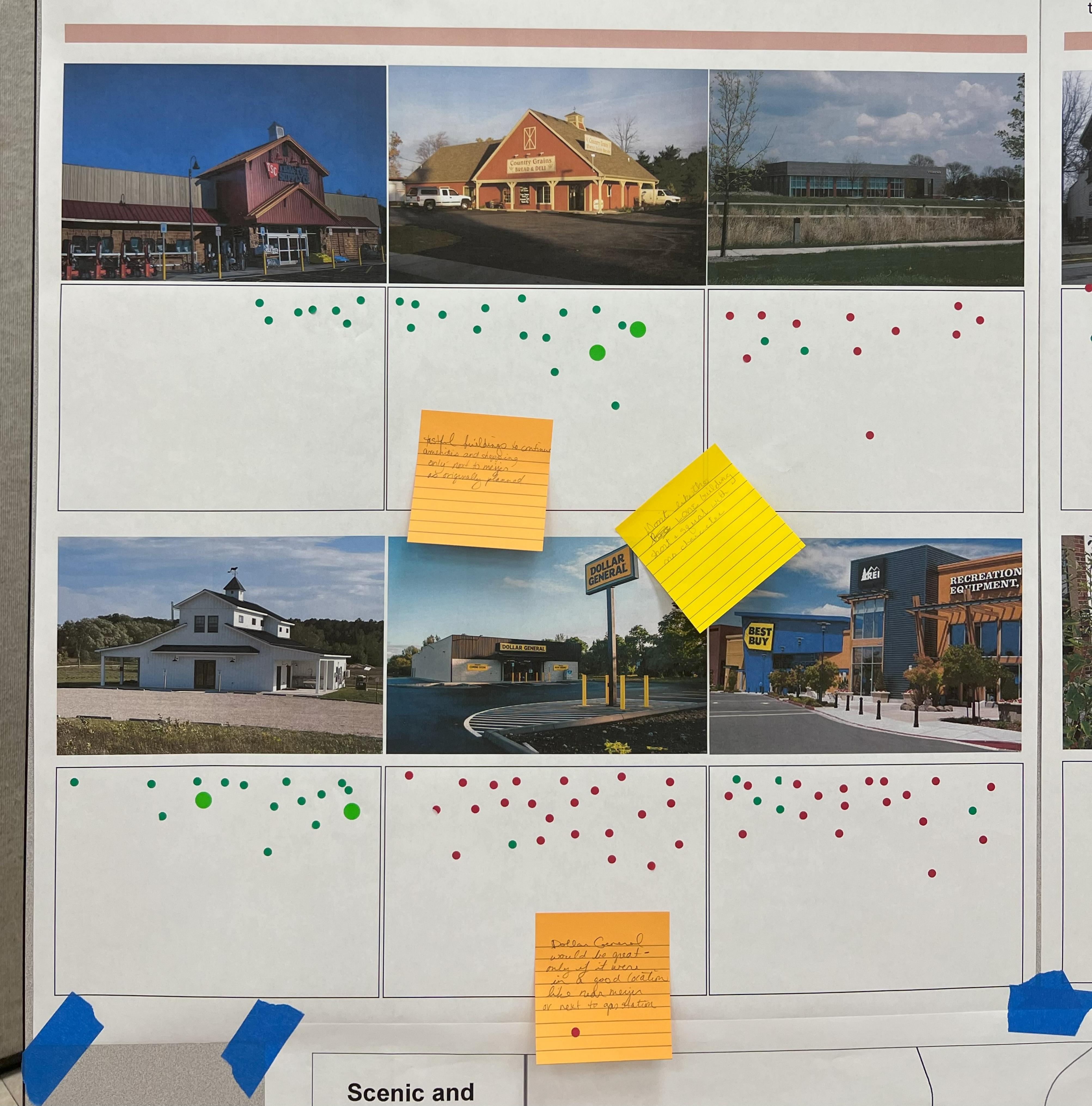


Development: M-72

M-72 is the most heavily trafficked corridor in the township and it is the only region that would be considered traditional commercial development. It is a major throughfare that drivers pass through on their way to or from Traverse City.

What should the development in this corridor look like? Below are some photos that show current buildings along the corridor as well as some samples from other communities. Use a GREEN dot if you like it and a RED dot if you do not.

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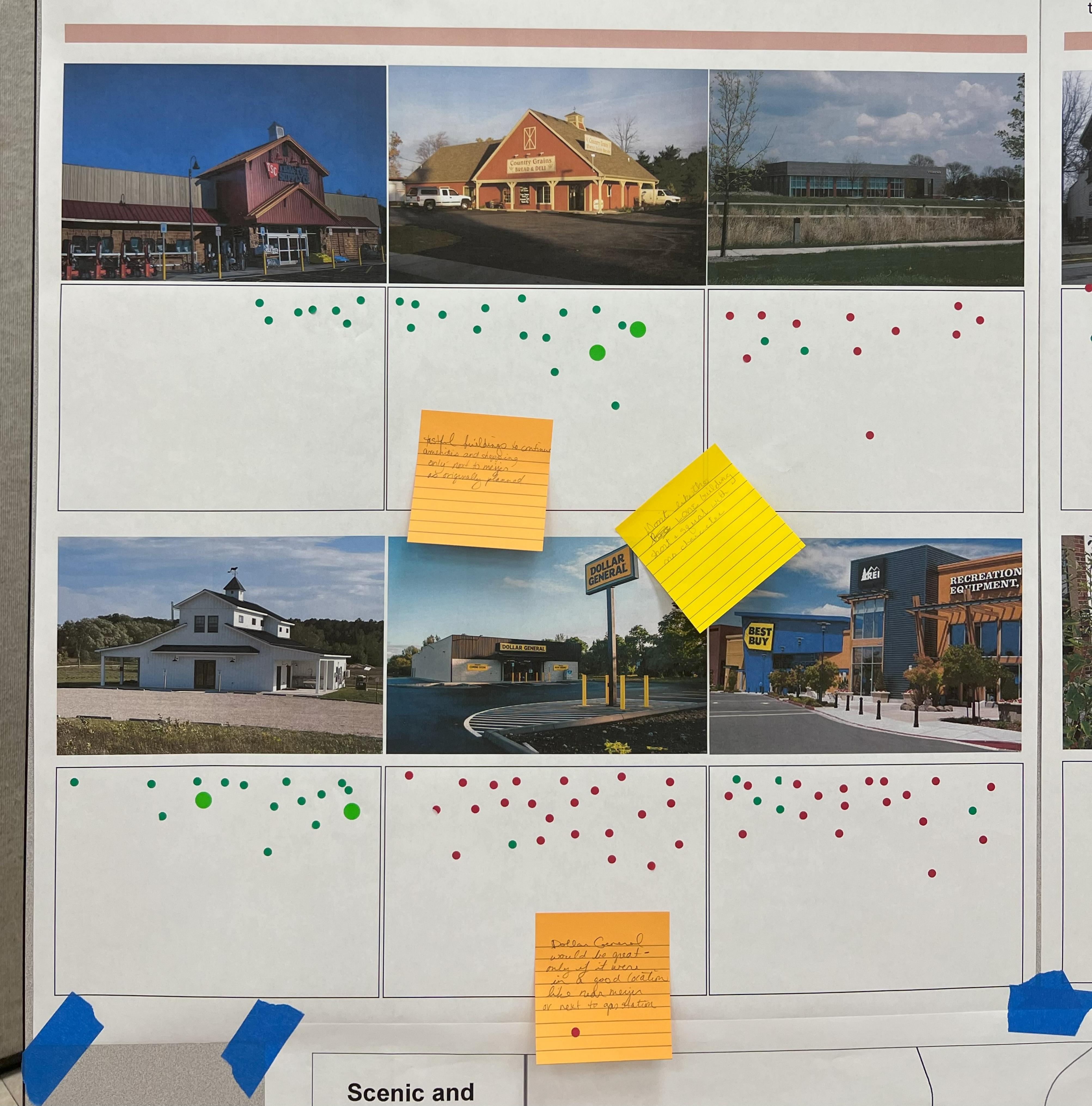


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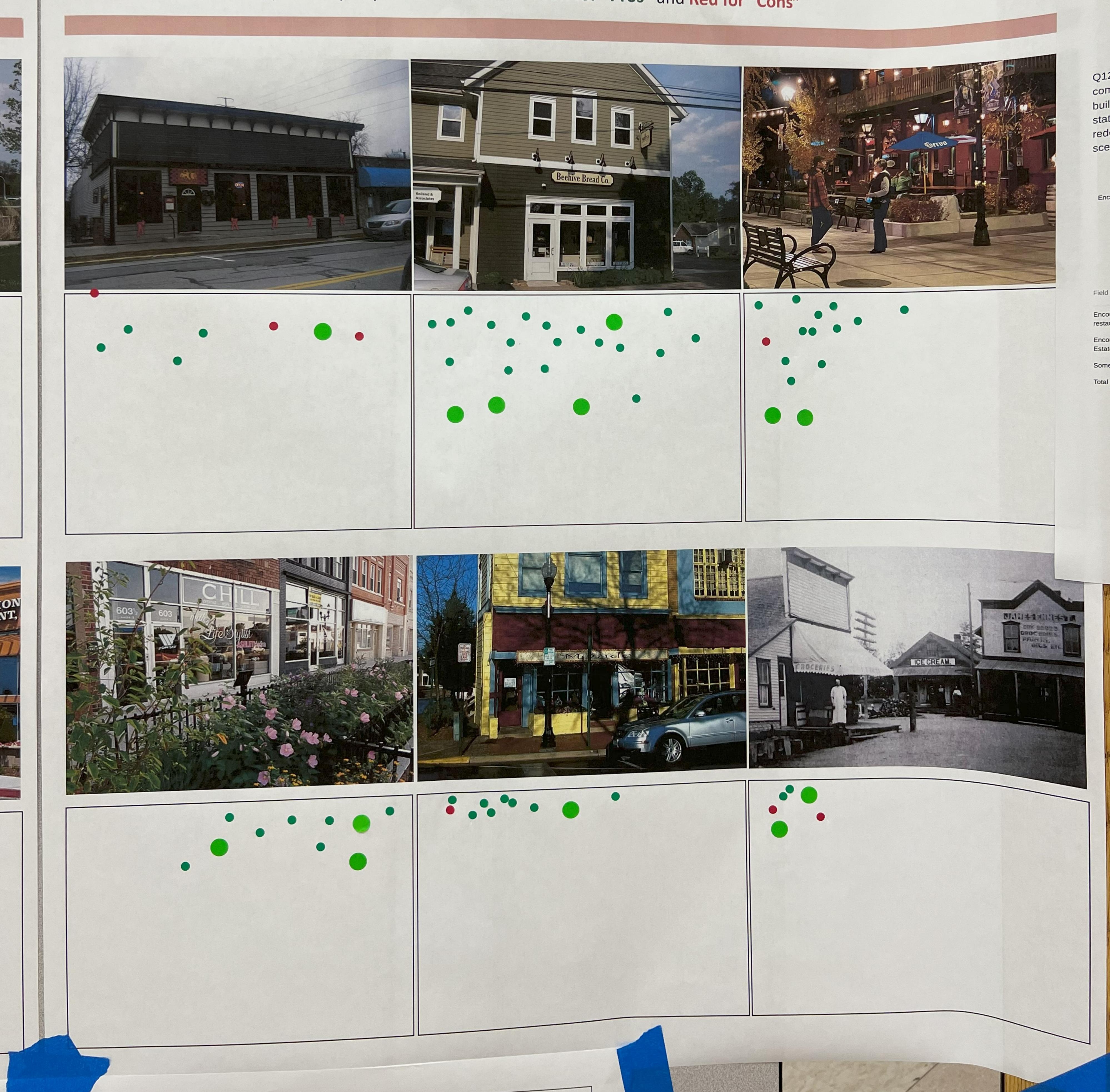


Development: Downtown

Downtown Williamsburg is located near the intersection of Williamsburg Road/Elk Lake Road and Old M-72. In the past, there was what some may have considered a "traditional" downtown. Residents have indicated there is interest in having a traditional downtown again.

What should the downtown look like? Below are some photos that show current buildings along the corridor as well as some samples from other communities. Use a **GREEN dot** if you like it and a **RED dot** if you do not.

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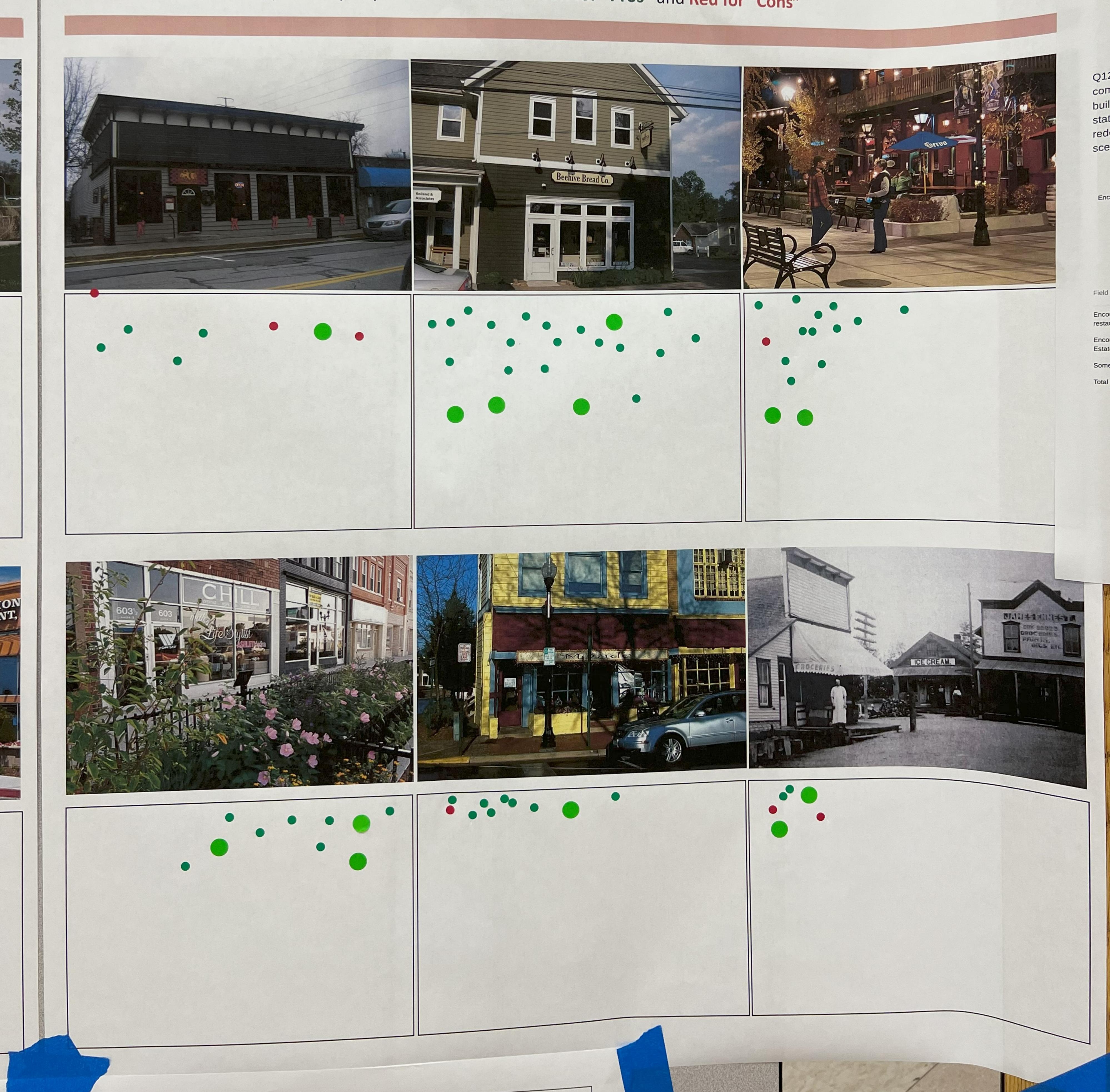


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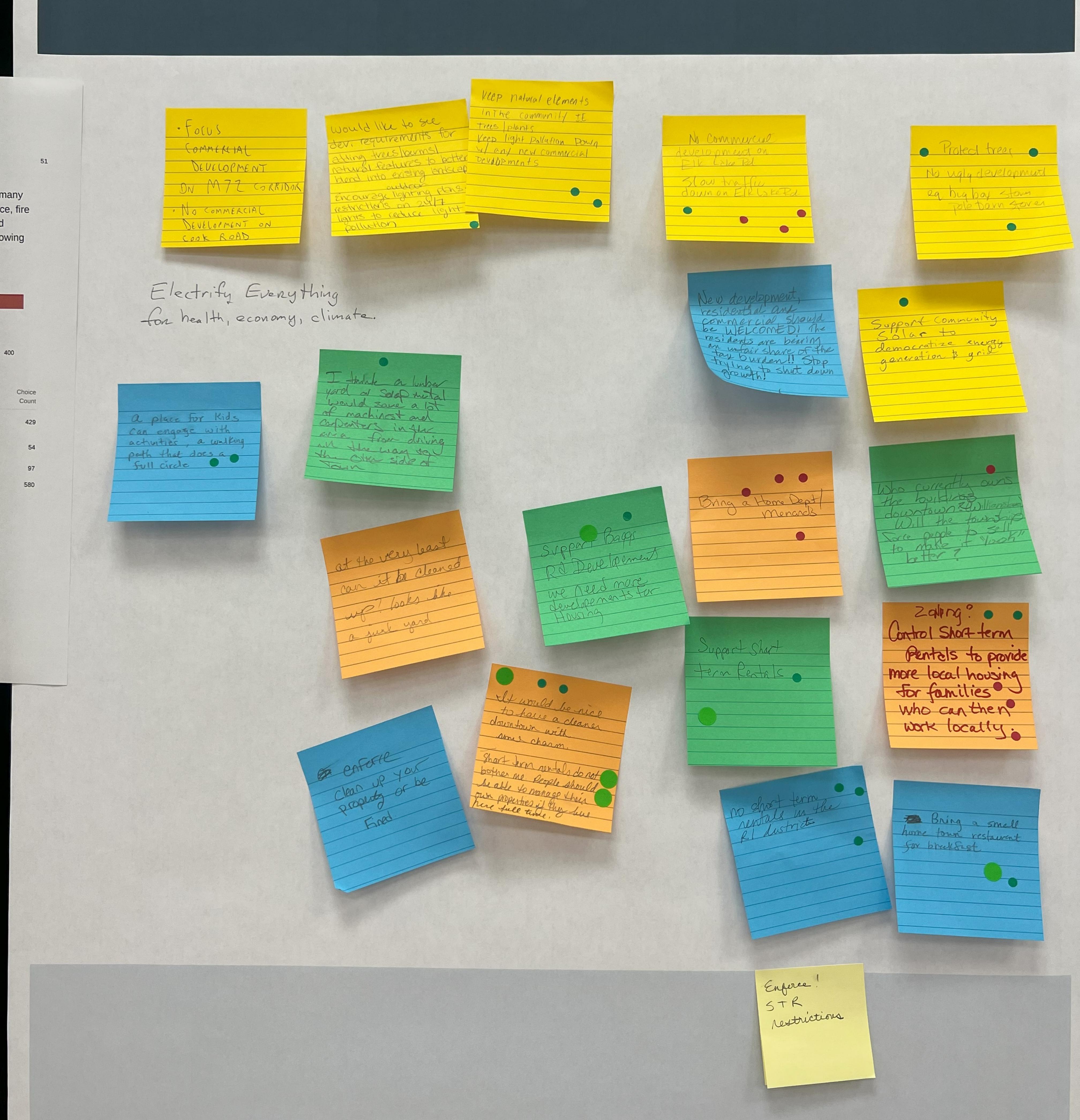
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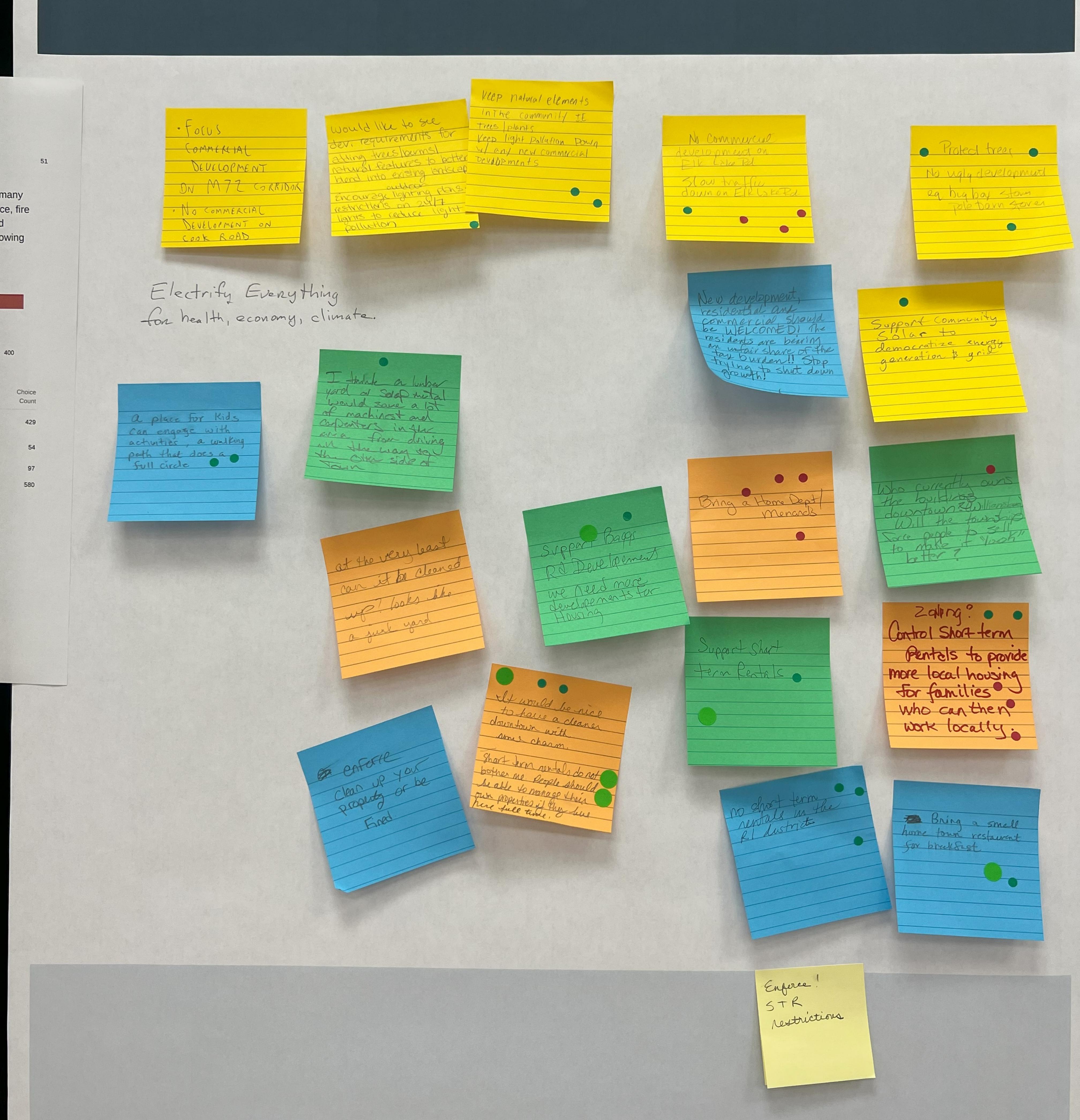
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Development Comments



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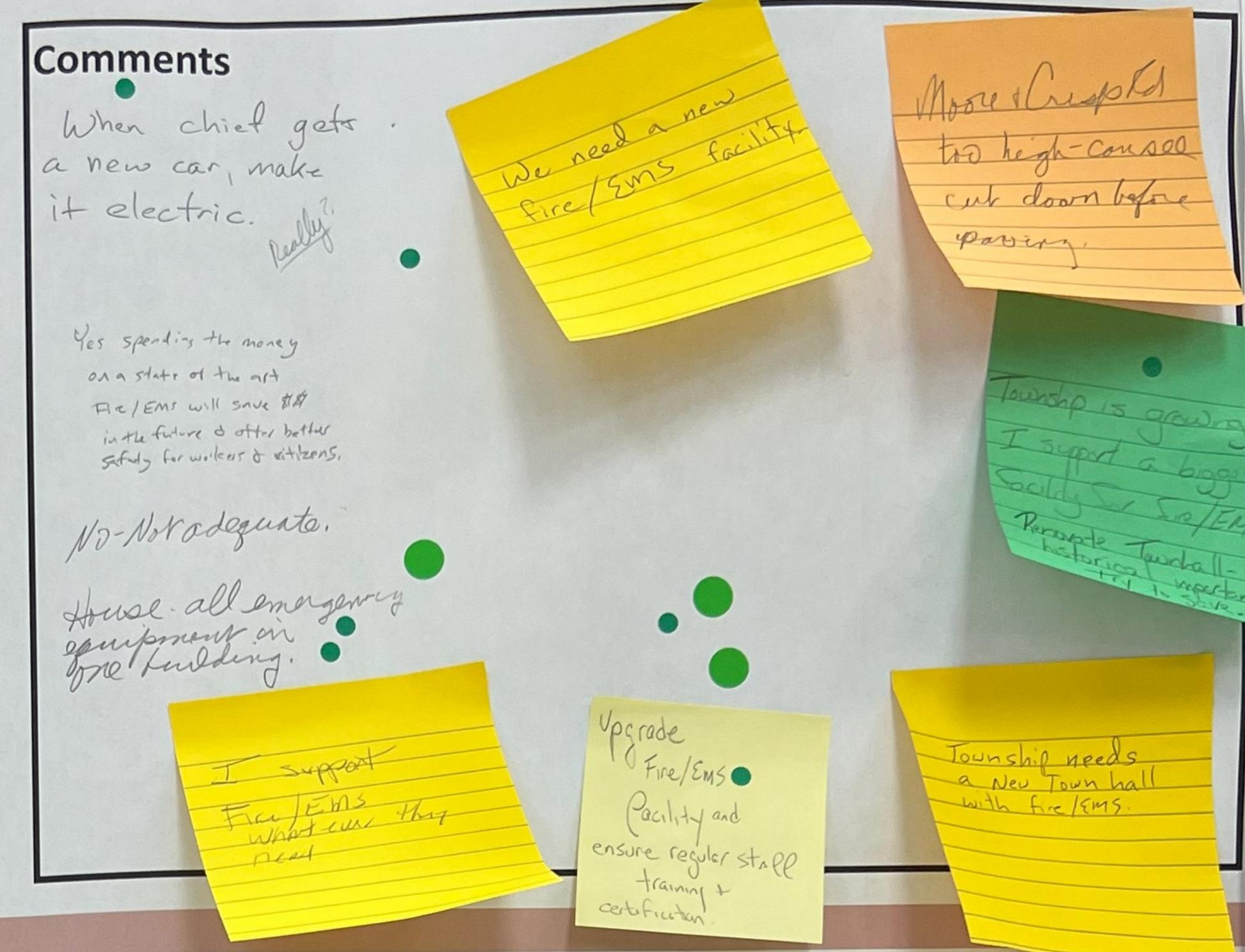
Infrastructure: Facilities



Fire/EMS

Do you feel the Emergency Services in Whitewater Township are adequate?

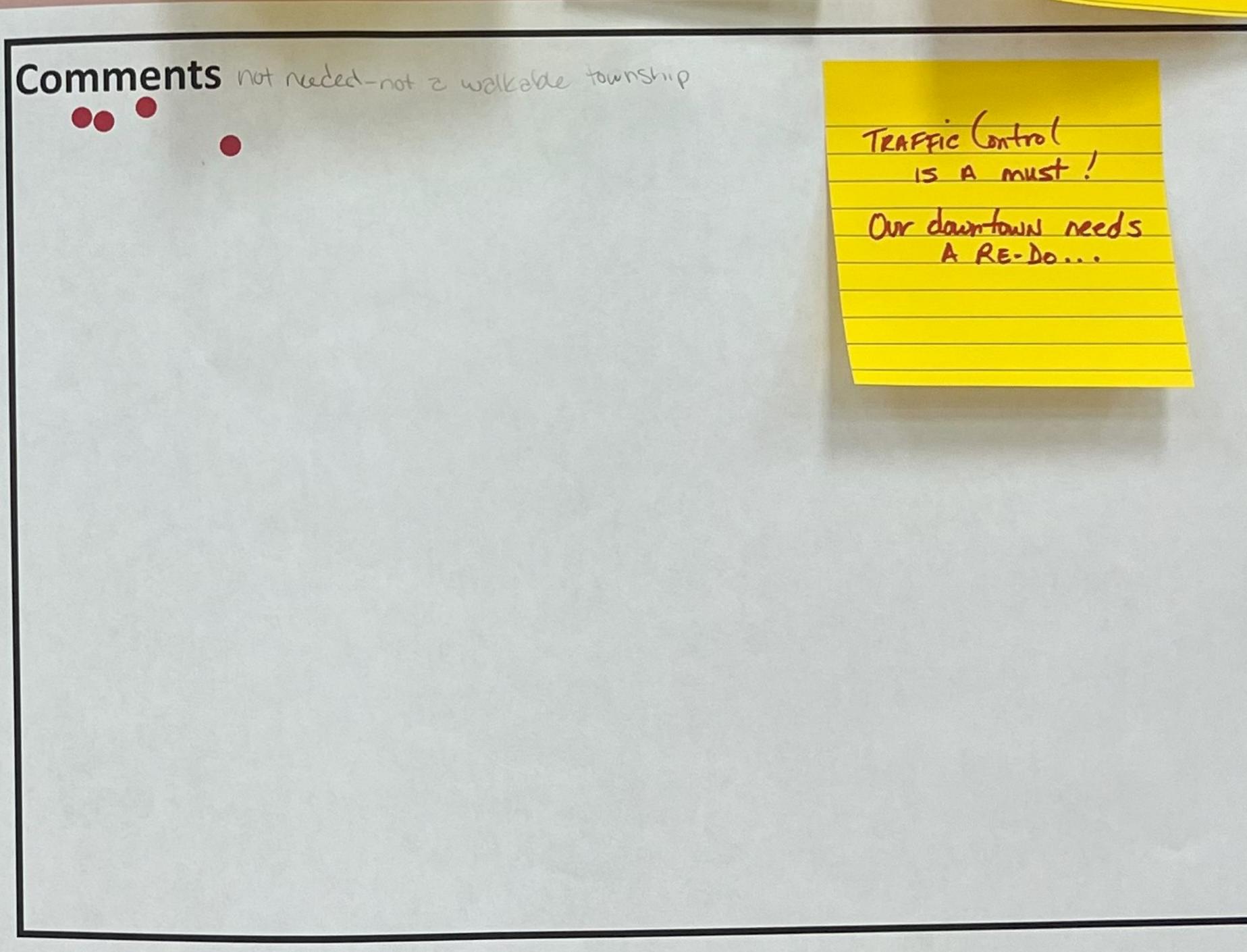
Should the Fire/EMS Building be improved/updated?





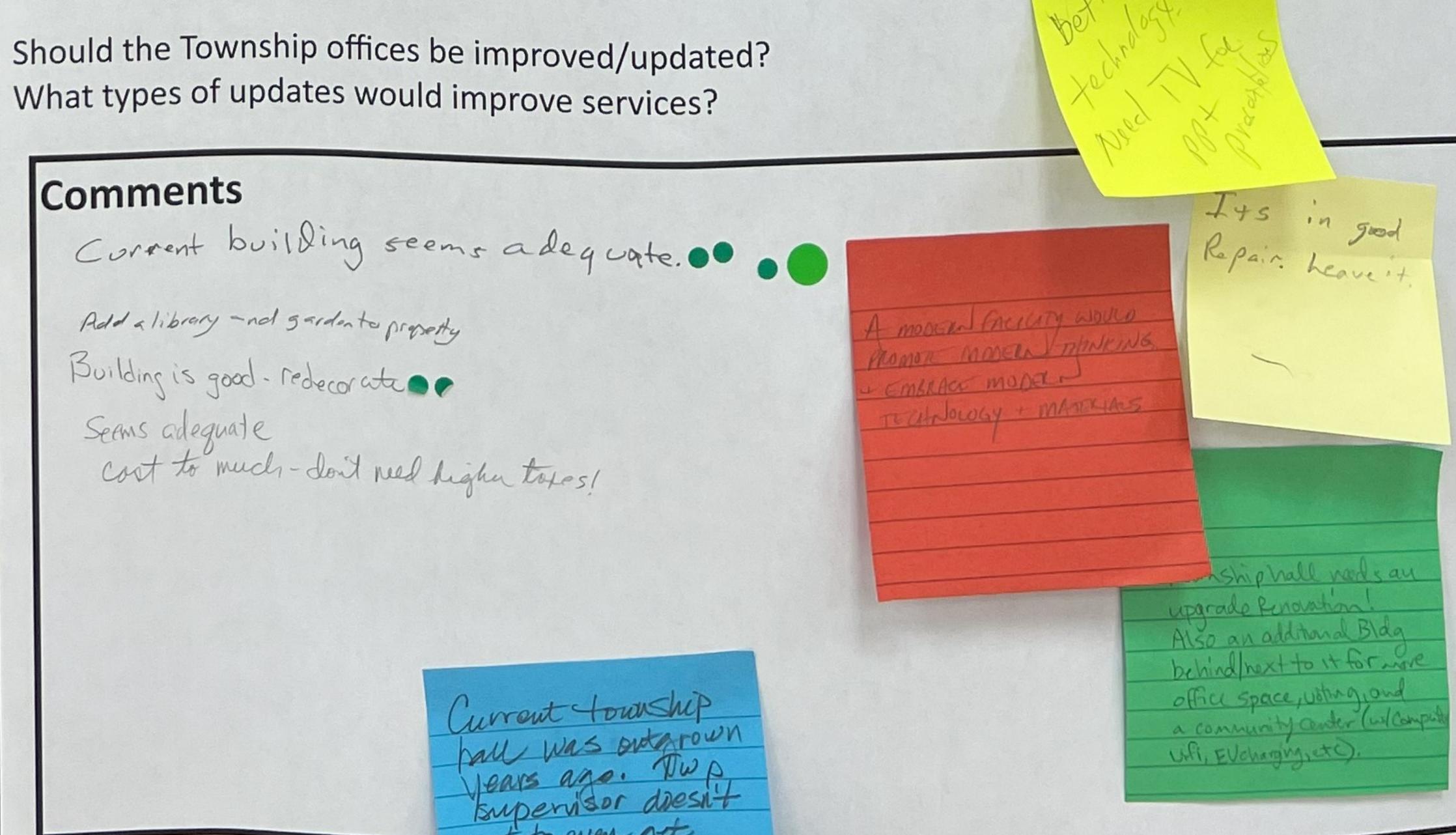
Public Transportation

Do you feel that public transportation services are adequate? Currently, there are no bus stops in the township—should there be? If so, where??





Township Hall



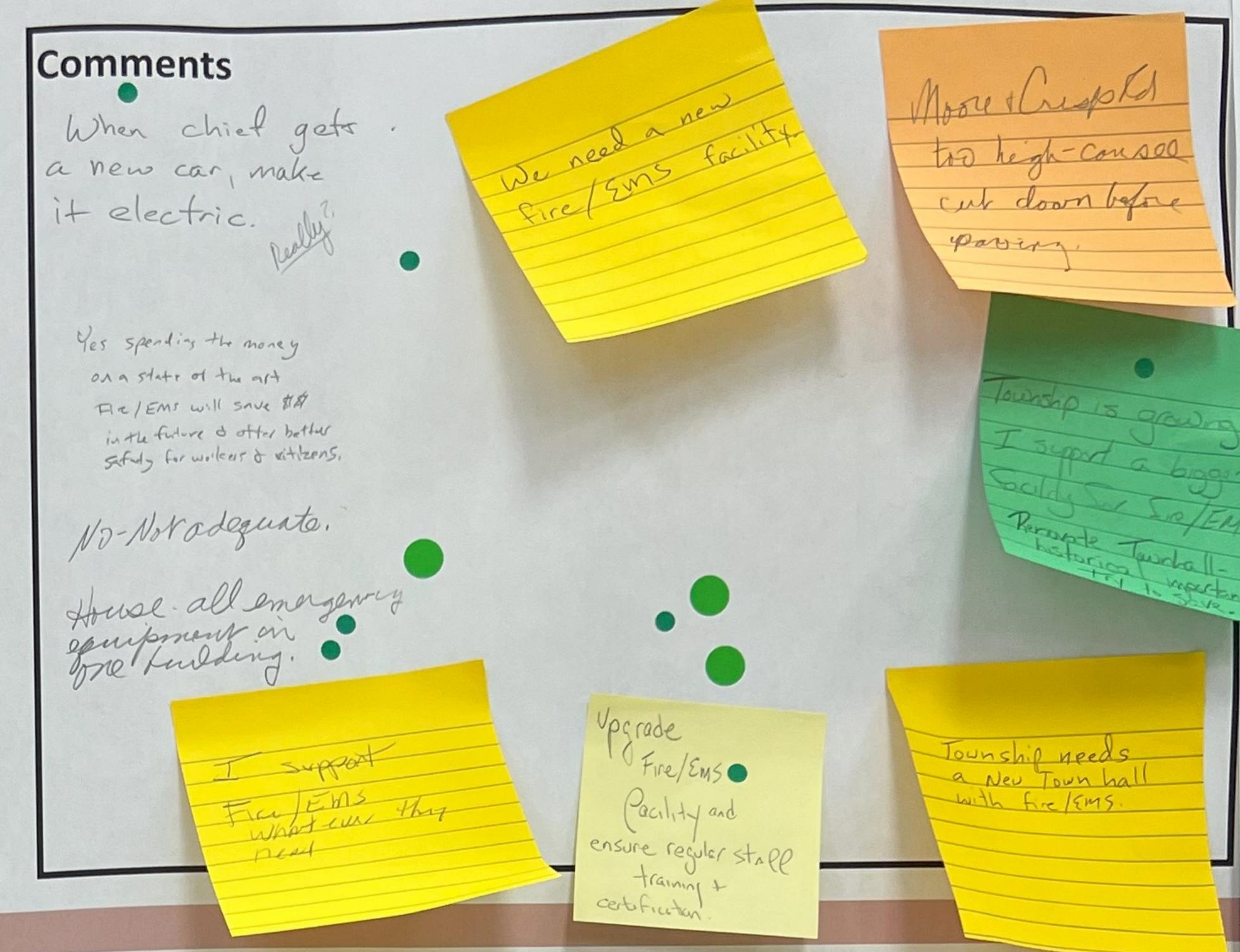
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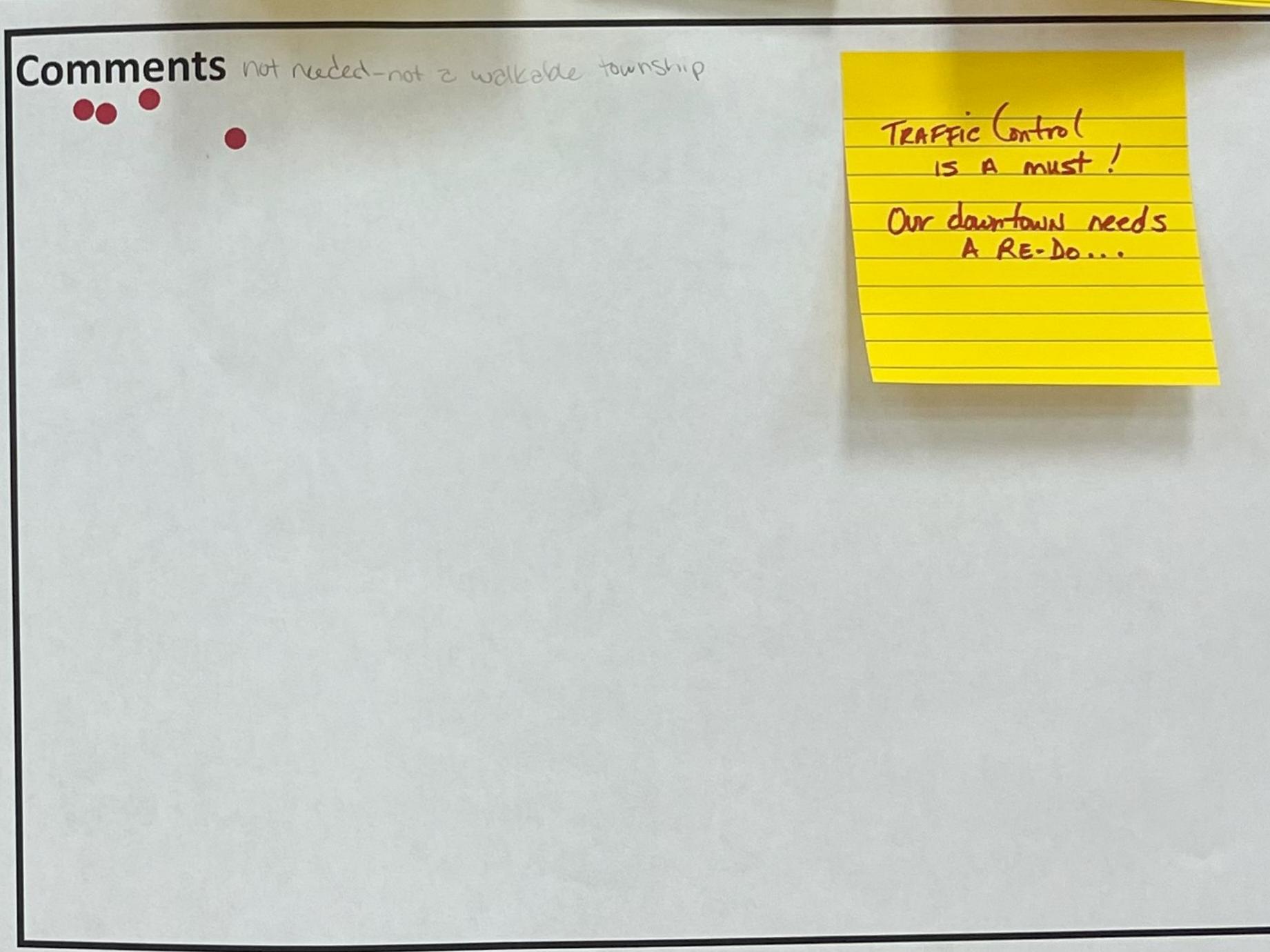
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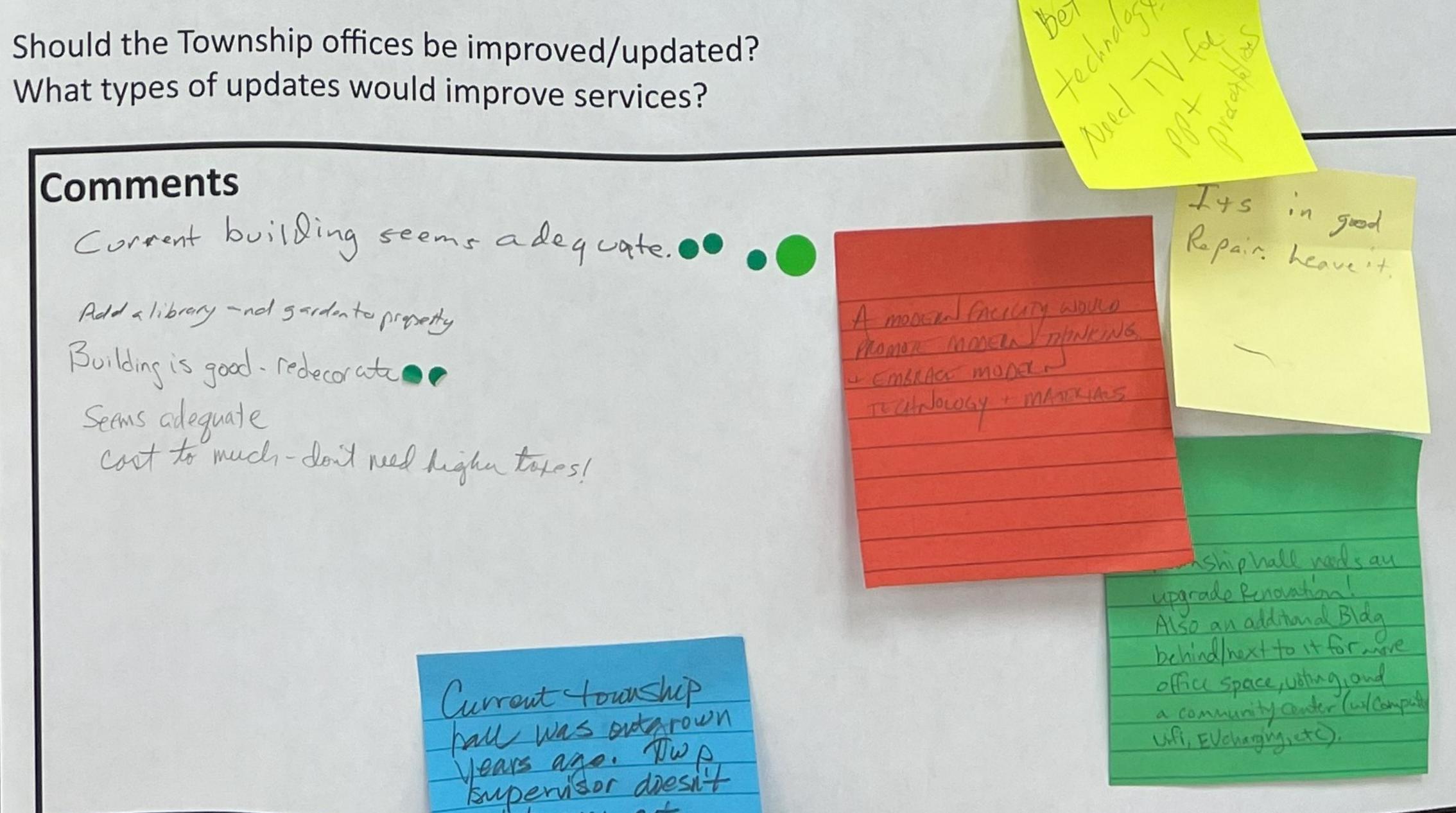
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Township Hall



Infrastructure Comments

inspectors. lake Front

Property's require septe

Approvols During the

Ex. Elk Rake Rd.

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house "mo" decent

Permit / Building Process

Would you be in favor of septic field inspection on lake Front property?...

- Jes. Inspect Septic fields, Support State wide regulation.
- Yes Reep our lakes clean.

· yes "

Turn Lane All through Buisness on M72

- Light @ M72 + William storg Rd needs new sensor and for flashing red (in low traffic times) (current wait times 3-12min)
- Enforce speed limit on Williamsburg Rd. Cors are passing at 80mph in non-passing zones

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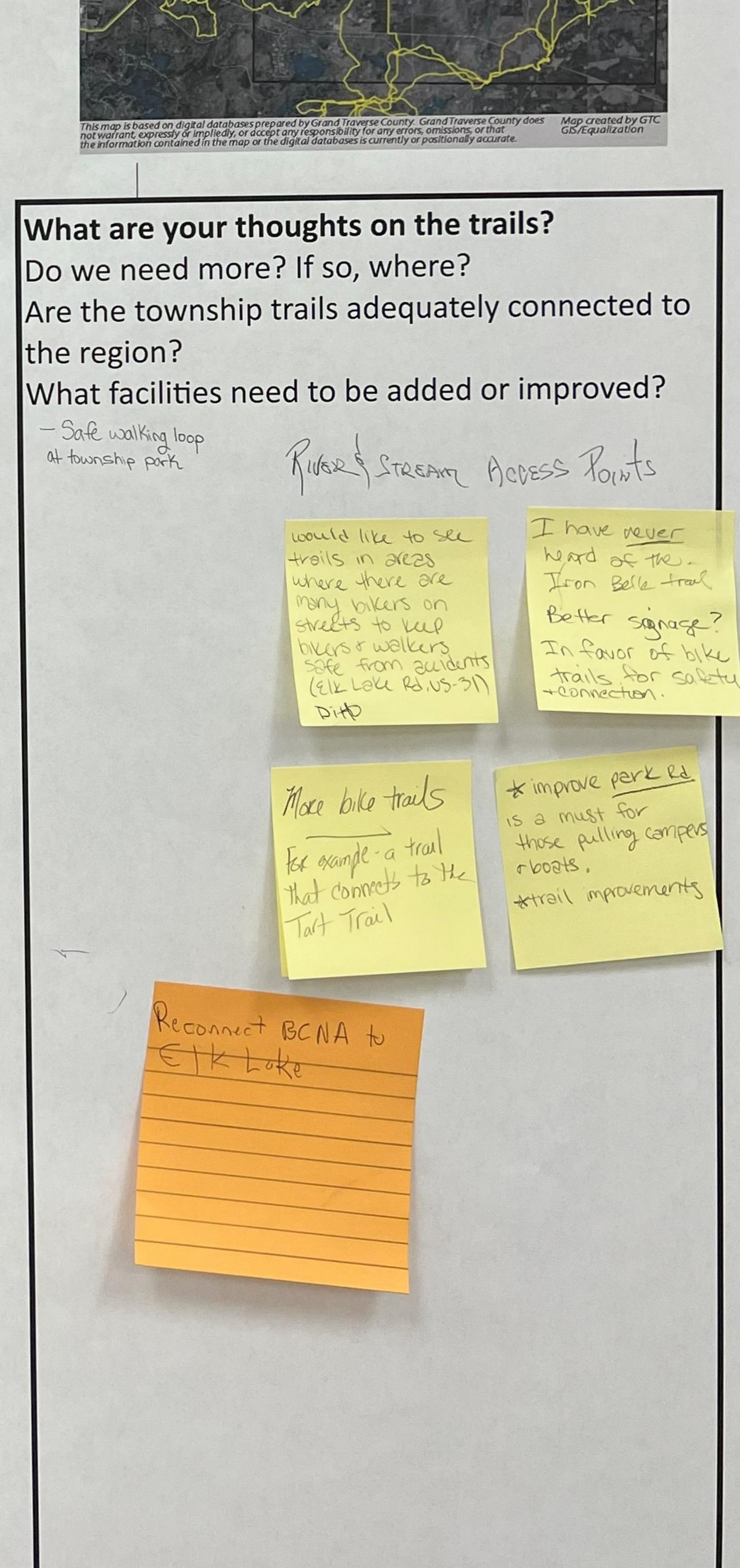
Infrastructure: Trails

One significant trail in Whitewater Township is the Iron Belle Trail which connects Belle Isle (in the Detroit River near One significant trail in Whitewater Township is the Iron Belle Trail which connects Belle Isle (in the Detroit River near downtown Detroit) to Ironwood in the western Upper Peninsula. The Iron Belle Trail is 2,000 miles long and it crisscrosses downtown Detroit) to Ironwood in the western Upper Peninsula. The Iron Belle Trail is 2,000 miles long and it crisscrosses more than half of Michigan's counties along two distinct hiking and biking routes. The biking route utilizes many of the state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes as it travels up the east side of the state. The hiking state's existing bike paths, bike lanes and designated biking routes. The biking routes as it travels up the east side of the state. The hiking and biking routes. The biking routes as it travels up the east side of the state. The hiking and biking routes. The biking routes as it travels up the east side of the Lower Peninsula. The trail is still under development and it may be stated as it is a state of the long state of the long

An illustration of all trails in Whitewater Township is provided to the right. It should also be noted that TART (Traverse An illustration and Transportation Trails, Inc.) is a local 501(c)(3) nonprofit organization. The mission of this organization Area Recreation and promote a trail network that enriches people and communities throughout the greater Grand Traverse is to provide and promote a trail network is within and near Whitewater Township. The Boardman/Ottaway River Trail is a 24-mile trail that crosses Supply Road west of Williamsburg Road.







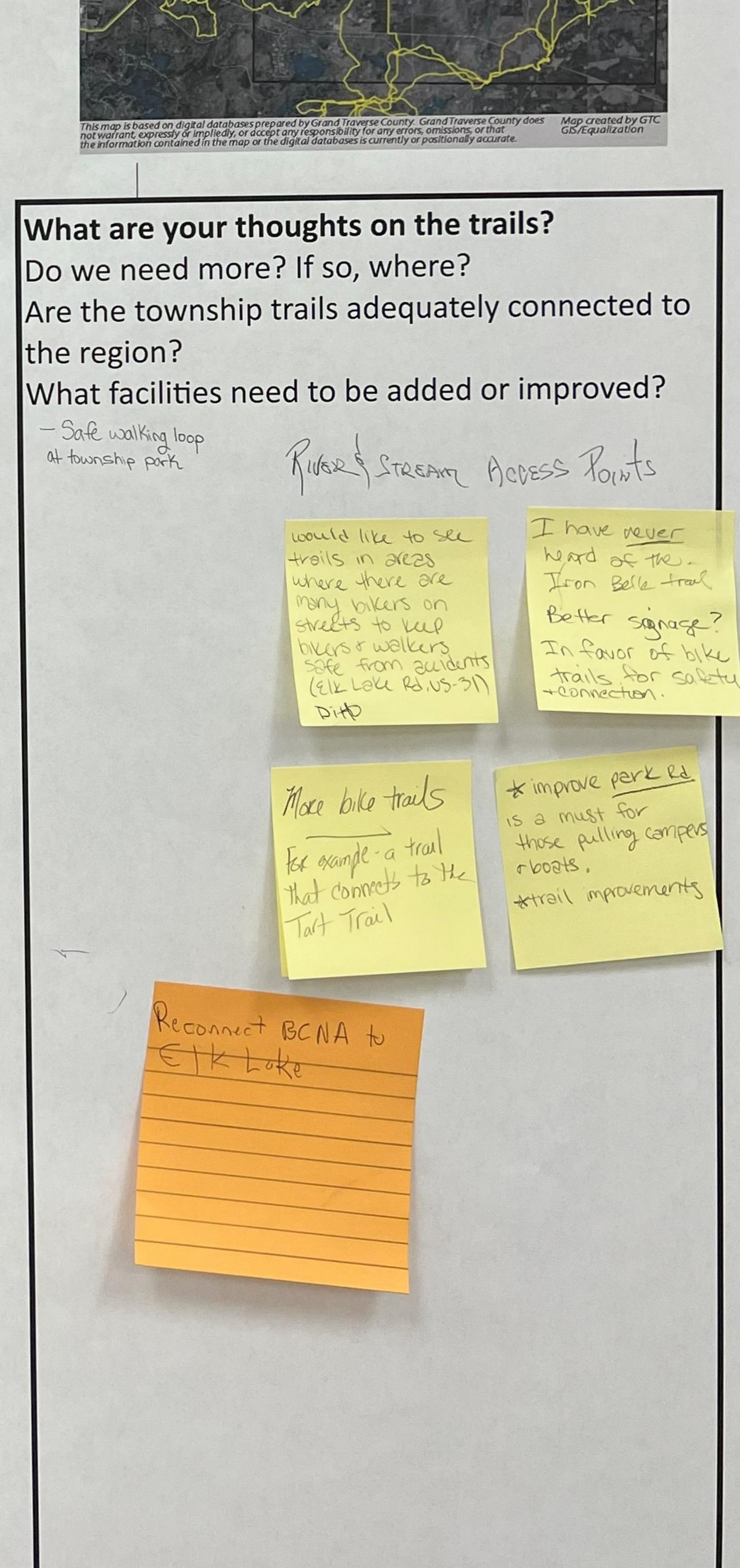
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Infrastructure: M-72

M-72 is a high-speed, heavily trafficked corridor that is the center of commercial development in the township. There are a number of reasons why it is important to consider what infrastructure in this corridor will look like as more businesses change ownership or new businesses are developed.

Combining access drives, also known as driveway consolidation or access management, is a planning and design strategy used in transportation and urban development to improve safety, traffic flow, and overall efficiency. Access management should be carefully planned and executed to balance the needs of various stakeholders, including property owners, businesses, commuters, pedestrians, and local communities. Here are several reasons why combining access drives might be implemented:

Safety Improvement: One of the primary reasons for combining access drives is to enhance safety on roads and streets. Multiple driveways or access points close to one another can lead to conflicts between vehicles and pedestrians, create weaving movements, and increase the risk of accidents. By consolidating access points, you can reduce the number of conflict points and improve safety for all road users.

Traffic Flow: Multiple access points can disrupt the flow of traffic by causing congestion, especially during peak hours. Combining access drives can reduce congestion and improve the overall traffic flow, benefiting both commuters and businesses in the area.

Efficiency: Consolidating access drives can improve the efficiency of transportation networks. When access points are combined or reduced, it can lead to smoother traffic operations, shorter travel times, and reduced delays for motorists.

Pedestrian Safety: Access management is not only about vehicles; it also takes into consideration the safety and convenience of pedestrians. Fewer access points mean fewer potential conflicts between pedestrians and vehicles, making it safer for people walking or using crosswalks.

Accessibility: Improving access management can enhance accessibility for individuals with disabilities. Well-designed access points can provide safe and convenient crossing opportunities for people with mobility impairments.

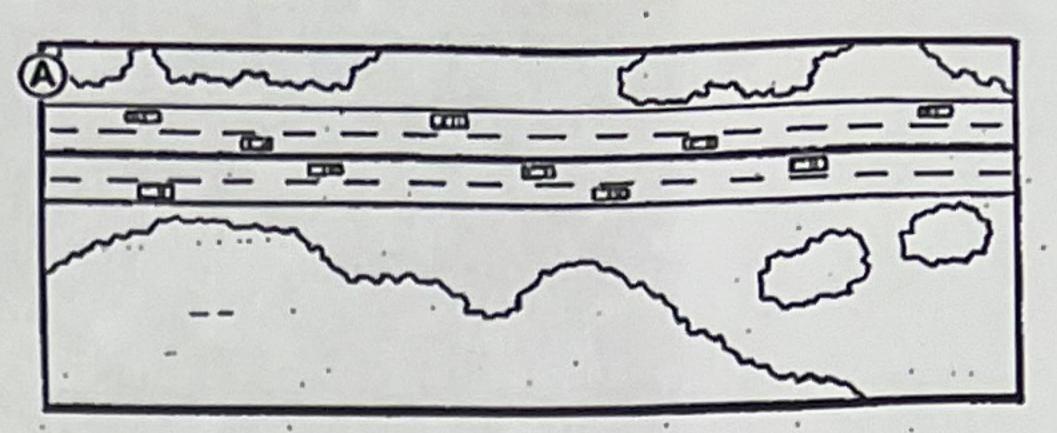
Land Use Planning: Combining access drives is often part of a broader urban planning strategy. It can help guide and control development in a way that ensures the efficient use of land and promotes a more sustainable, walkable, and transit-friendly urban environment.

Economic Benefits: Enhanced access management can benefit businesses by improving the visibility and accessibility of commercial properties. When access points are strategically located and consolidated, it can make it easier for customers to access businesses, boosting their economic viability.

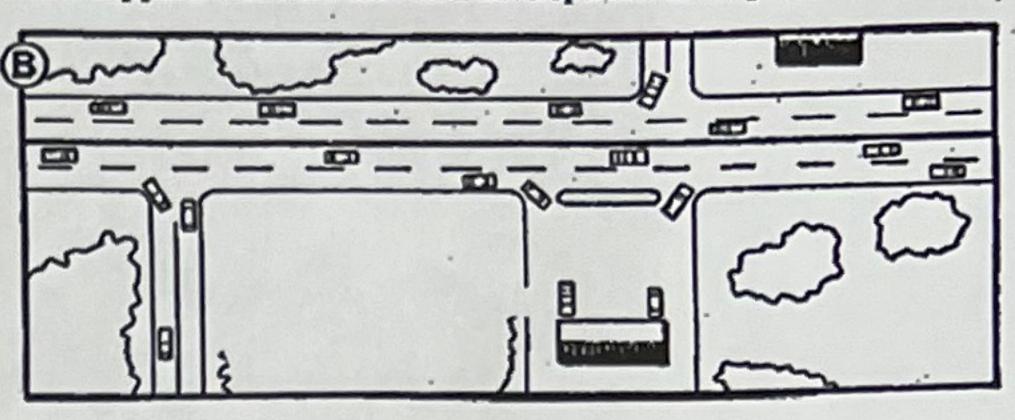
Aesthetics: Combining access drives can lead to a more aesthetically pleasing streetscape. It can reduce visual clutter and create a more attractive environment for residents and visitors.

Environmental Impact: Reduced congestion and smoother traffic flow resulting from access management can contribute to lower fuel consumption and reduced emissions, which align with environmental sustainability goals.

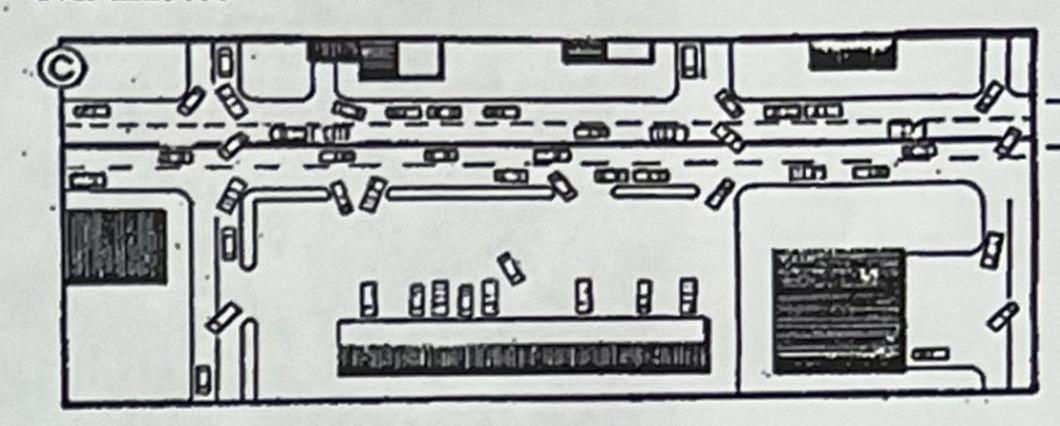
Cumulative Impact of Increased Roadside Development ...



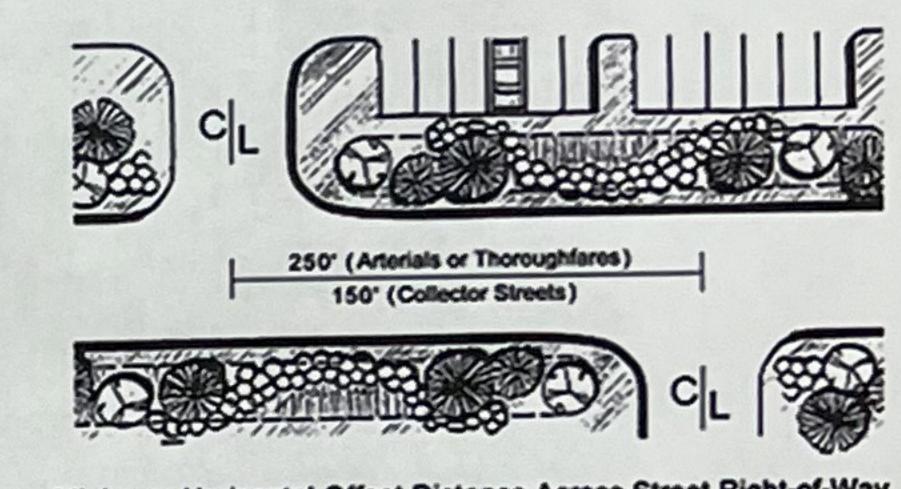
What happens when unrestricted development takes place ...



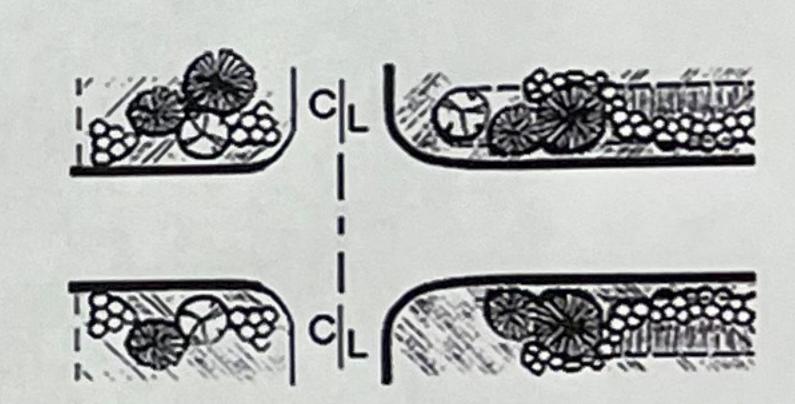
over time ...



Source: Center for Transportation Research and Education, Iowa State University, Iowa Access Management Guidebook, October 2000, p. 19.



Minimum Horizontal Offset Distance Across Street Right-of-Way



Aligned on Driveway Centerline Across Street Right-of-Way



Combined access drives for multiple businesses provide improved safety for motorists. Limited crossing points for pedestrians decreases the opportunity for vehicle/pedestrian accidents. Uniform landscaping and development patterns create an aesthetically improved look.



Unregulated access drives lead to reduced pedestrian and motorist safety by increasing the opportunities for vehicular deceleration and more points of conflict. It can also lead to driver confusion when looking for a drive to access a specific business.

Would you support the township developing regulations to improve the M-72 corridor to assure that it remains safe, efficient, and an economic hub for the township? GREEN for "YES" and RED for "NO" •

4 his - store Mom & Pap Store Mom & Pap Store Should not have to pay Forthis

NO

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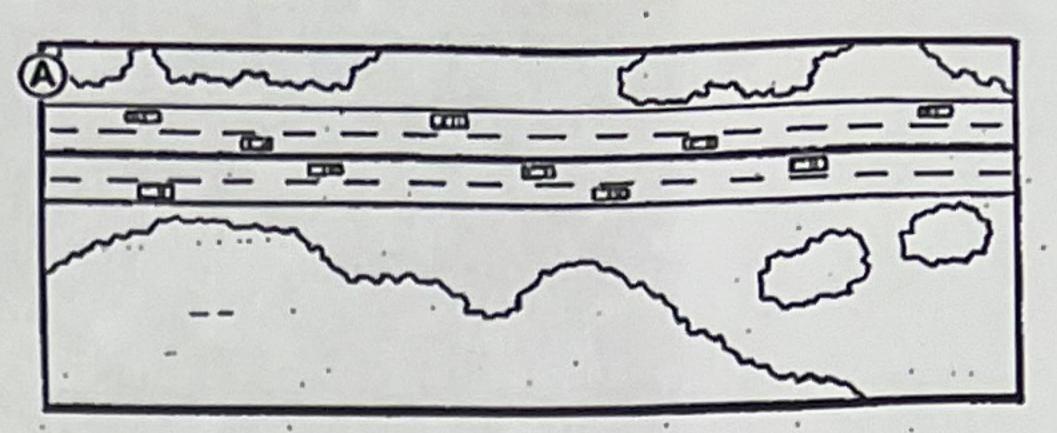
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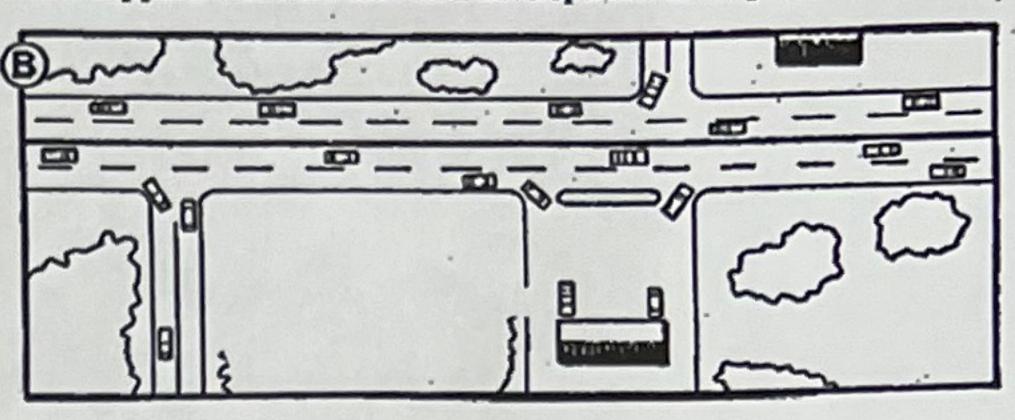
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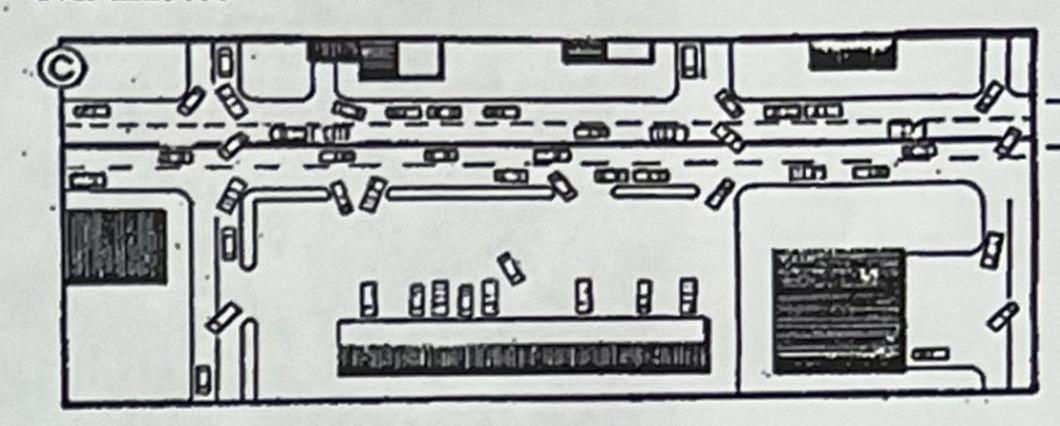
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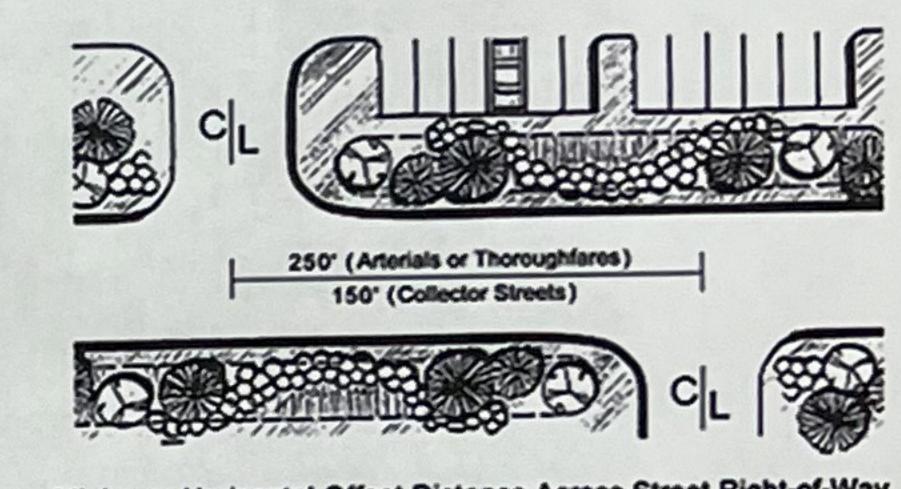
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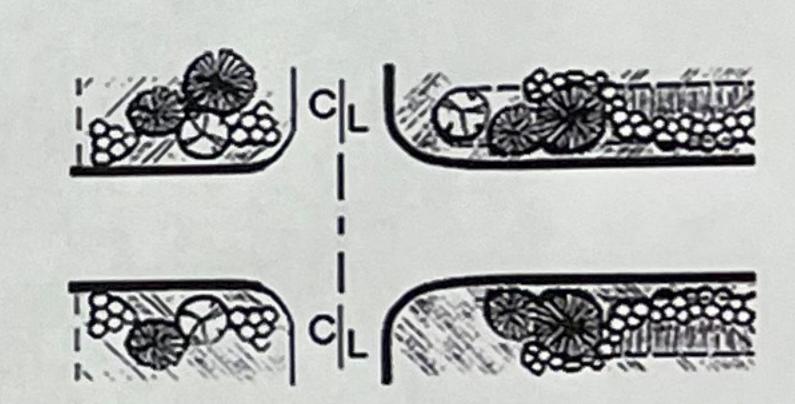
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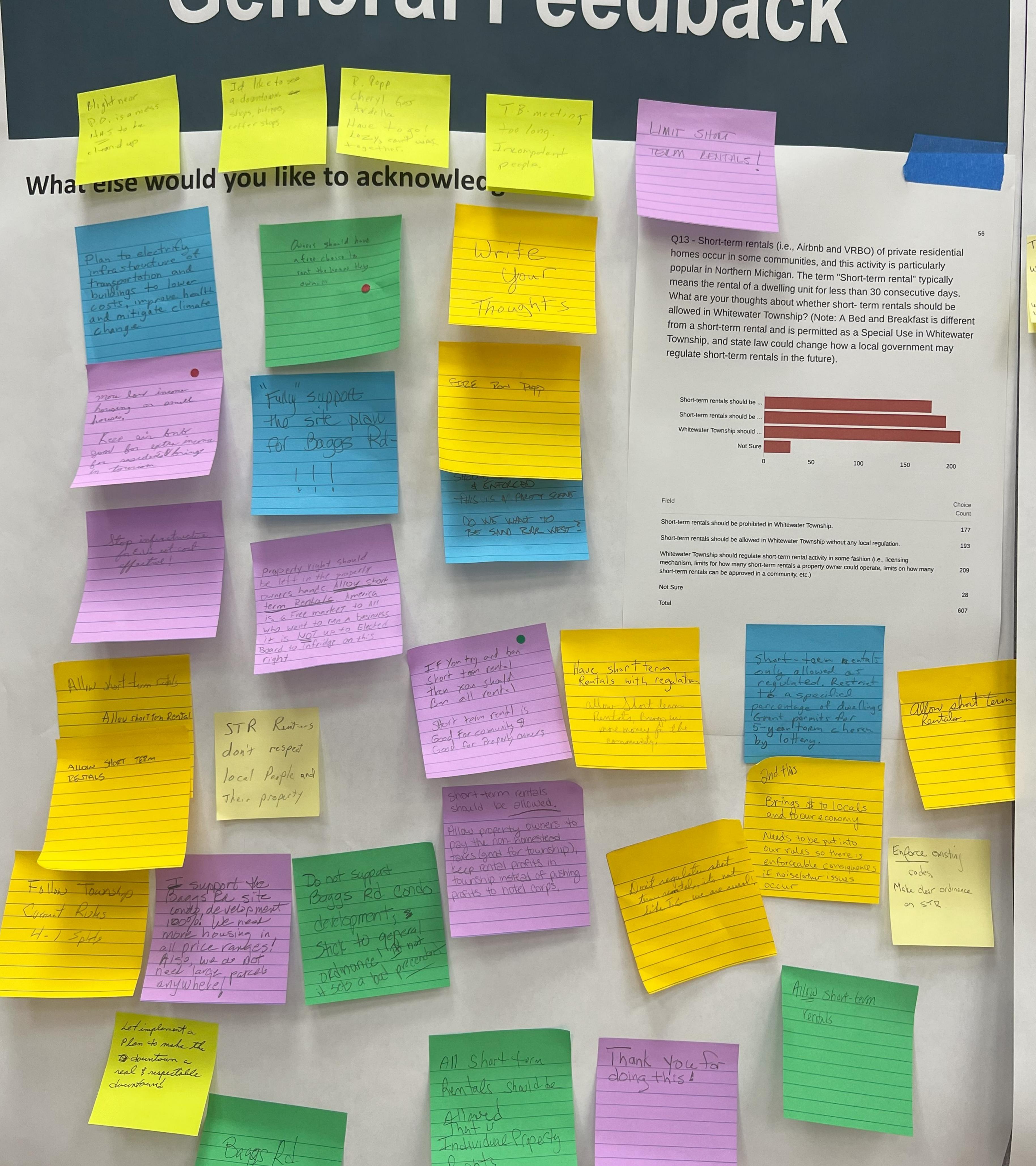
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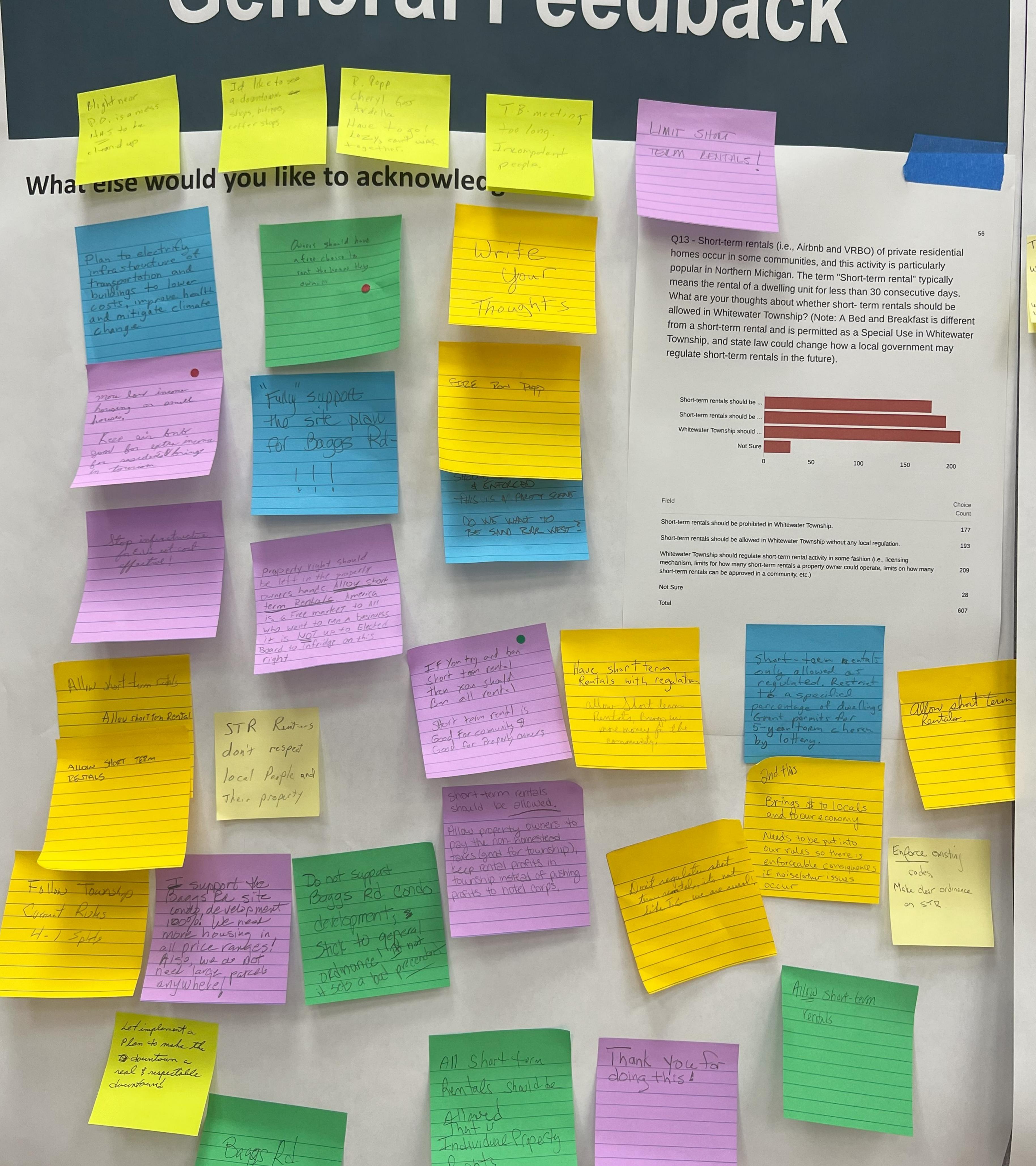
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Allow housing development on Baggs Rd

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> Support our Farmers!

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