() Stantec


PROJECT \# 193805182
2021.07.16

## ABOUT THE PROJECT

The Mount Comfort Corridor Visioning Project seeks to envision the future of the corridor and anticipate the continued growth in urban development. These land about where certain types of housing jobs, recreation, and amenity should go These maps are general recommendations based on a series of collaborativ conversations with community stakeholders and leaders that will guide each municipality and Hancock County when updates to comprehensive plans or future development is consistent.

The typologies of land use are general in nature, aiming to address the merging needs of housing for workers, finding ways to create unique mixed-use nodes tha can provide opportunity for a mix of housing types and services and considering elements like nature transportation, and economic development.
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WHAT WE HEARD

## CONIIEXI

## LOCATION

Mount Comfort Road Corridor is a 14 -mile road corridor in Hancock County, Indiana. The corridor begins at Hancock/Hamiton County Line (96th Street) and of McCordswille, Cumberland and New Palestine The corridor is approximately 9 miles east of downtown Indianalis and the two are connected by $1-70$ US 36 US-40 and US-52.


MT COMFORT CORRIDOR AT A METROPOLITAN MT CO

- MT. COMFORT RD
study area
${ }_{0}$

MT COMFORT CORRIDOR STUDY AREA
MT. COMFORT RD STUDY AREA county Limits
CITY LIMITS WITHIN THE STUDY AREA

- interstate and us roads

RAIL


## PLANNING AND

REGULATORY
FRAMEWORK

## EXISTING LAND USE

The existing land use in the study area is characterized by the prevalence of agricultural land uses, followed by residential single family especially in both McCordsville and New Palestine, and exempt property land uses which mostly represent publicly owned lots. There is a concentration of exempt property land uses near the Indianapolis Regional Airport at Mount Comfort Road and W 350 N intersection. Only few commercial and industrial land uses are present in the study area and are mostly located near major roads such as US-36, $1-70$, US-40, and US-52

## TAKEAWAYS

1) More than $60 \%$ of the study area has n agricultural land use

2 The second prevalent land use is residential single family which is mostly concentrated in McCordsville and New Palestine
(3) There are many exempt properties in the study area especially near the ndianapolis Regional Airport.
4) Commercial and Industrial uses are not prevalent and are located mostly near I-70, US-36, US-40, and US-52


FIGURE
EXISTING LAND USE OF MT COMFORT CORRIDOR
$\stackrel{N}{ }$
MT. COMFORT RDstudy area
county Limits
+1.+ RAlL
water bodiescorporation limits
hancock county existing land use

- Agricultural
- Industrial
- Commercial
- RESIDENTIAL vacant
- RESIDENTIAL SINGLE-FAMILY
- RESIDENTIAL TWO-FAMILY
- RESIDENTIAL MOBILE/MANUFACTURED
- RESIDENTIAL CONDO OR OTHER
- EXEMPT PROPERTY
- LOCALLY ASSESSED PROPERTY


## EXISTING ZONING

Most of the study area is unincorporated and its zoning is governed by Hancock County. The incorporated parts of the study area are within the jurisdictions of McCordsville, Cumberland, and New Palestine that govern their zoning bylaws.

## TAKEAWAYS

1 Low to medium density residential zones are mostly located north of US 36 and south of $I-70$

2 Many PUD zones are within McCordsville limits.
3 Industrial and institutional zones are concentrated in the central part of the corridor between I-70 and W 600 N , including the Indianapolis Regional Airport.
4) Commercial zones are located along major roads such as $1-70$, US 36 , US-40, and US-52.
(5) Only few agricultural zones are within the corridor's study limits and are on the eastern edge of the study area near l-70 and W 600 N


EXISTING ZONING OF M
COMFORT CORRIDOR

| - | $\Gamma_{2 \text { Miles }}$ |
| :---: | :---: |
| - | Study area |
|  | COUNTY LIMITS |
|  | Roadway |
| +14 | RAIL |
|  | Water bodies |
| $\square$ | corporation limits |
| HANC | Ock COUNTY ZONING |
| - | A-AGRICULTURAL |
|  | R1.0- RESIDENTIAL 1.0 |
| - | R2.5-RESIDENTIAL 2.5 |
| $\square$ | R5.0- RESIDENTIAL 5.0 |
| - | RM - RESIDENTIAL MULTIFAMILY |
|  | PUD |
| - | CN - COMmercial neighborhood |
|  | CC - Соmmercial community |
|  | CR - Commercial regional |
|  | IN-INSTITUTIONAL |
| - | IBP - INDUSTRIAL BUSINESS PARK |
| - | IG - INDUSTRIAL GENERAL |
|  | IL-INDUSTRIAL LIGHT | MCCO Requires confirmation MCCORDSVILLE ZONING

$$
\text { R-1 - RESIDENTIAL } 1
$$

- $\quad \begin{aligned} & \text { R-2-RESIDENTIAL } 2\end{aligned}$
- R-3-RESIDENTIAL 3

OT- OLD TOWN
CN-NEIGHBORHOOD COMMERCIAL
RC-REGIONAL COMMERCIAL RC-REGIONAL COMMERCIAL
CO-PROFESSINAL BUSINESS OFFICE P- PUBLIC / SEMI-PUBLIC 1-1- INDUSTRIAL 1 I-2-INDUSTRIAL
PUD
PUD
Zoning CUMBERLAND ZONING
B1-BUSINESS 1 B2-BUSINESS 2

NEW PALESTINE ZON | NEW PALES |
| :---: |
| $\mathrm{R}-2 \mathrm{C}$ |




ANALYSS

MOBILITY

## ROAD NETWORK

The Mount Comfort Road Corridor intersects with major roads that connect to Indianapolis, one interstate (I-70) and 3 US roads (US-36, US-40, and US-52). State road SR-234 serves the study area in its northern part and heads east. There are two proposed Bus Rapid Transit (BRT) extensions, originating from Indianapolis and going along US-36 and US-40. These future BRT lines will serve two critical transportation nodes which are the intersections of Mount Comfort Road Corrido with US-36 and US-40. As far as active transportation, (a) Stur 40 a 300 S) and the Pen rail and W 300 S) and the Pennsy rail trail (along US-40)

## TAKEAWAYS

1) Mount Comfort Road Corridor is crossed by one interstate (I-70) and 3 US roads (US-36, US-40, and US-52)

2 Two BRT lines are proposed
originating from Indianapolis and serving the Mount Comfort Road Corridor.
(3) Active transportation modes that are present in the study area include the US bicycle route and the Pennsy rail trail


FIGURE 5 ROAD NETWORK
®

## $\Gamma_{0} \underbrace{}_{2 \text { Miles }}$

MT. COMFORT RD:-:- STUDY AREA county limits ROADWAY
...世 RAIL
WATER BODIES

- interstate
- USROAD
- STATEROAD
- COUNTY ROAD
-- PROPOSED BRTEXTENSION
... US BICYCLE ROUTE
- pennsy rail trail

恝 CRITICALTRANSITNOD


## STREET TYPOLOGY

The corridor cross section varies geographically. The plan will consider the uses and intensities along the corridor to guide recommendations for improvements. As the corridor functions as a key north/south connector to major east/west roadways, consideration of the cross section should account for truck and car traffic. However, there is opportunity to integrate pathways and landscaping that provides a unified mobility corridor connecting community to community

TAKEAWAYS
There are 5 street typologies along Mount Comfort Road Corridor
(1) Type 1: a two-lane street with a sidewalk and a third left-turn lane at intersections.
2 Type 2: a two-lane residential street with no shoulders.
(3) Type 3: a two-lane street with shoulders and a third left-turn lane at intersections.
(4) Type 4: a four-lane street with center turn lane
(5) Type 5: a two-lane street with bike lanes.


FIGURE 6
CURRENT STREET TYPOLOGIES

$\qquad$ MT. COMFORT RD
:--. COUNTY LIMITS
ROADWAY
+m RAIL
WATER BODIES
TYPE 1 - TWO-LANE WITH TURN

- TYPe2-TwoLalk NONE SID

WITH NO SHOULDERS

- type3-two lanewit

SHOULDERS AND TURN LANE

- TYPE 4- FOUR-LANE WITH CENTER
- TYPE 5 -

LANES

E96THST


TYPE 1 TWO-LANE STREET WITH A SIDEWALK AND A THIRD LEFT-TURN LANE AT INTERSECTIONS


TYPE 2 TWO LANE RESIDENTIAL WITH NO SHOULDERS


TYPE 3 TWO-LANE WITH SHOULDERS AND A THIRD LEFT-TURN LANE AT INTERSECTIONS


TYPE 4 FOUR-LANE WITH CENTER TURN LANE


TYPE 5 TWO-LANE WITH BIKE LANES

## BUILT FORM

## BUILDING TYPOLOGY

The study area includes 8 building typologies going from a rural barn to residential, religious, commercial and industrial building types. The analysis of the built form led to the identification of built form categories or morphologies that are composed of bundles of building types, organized in a way that reflects the urban/ rural feel of the Mount Comfort Road Corridor. The identification of these morphologies helps understand the built form environment in the study area which is

TAKEAWAYS
1 Most of the corridor is covered by farmlands, with few constructions that are mostly in the form of barns and small residential buildings.

2 Suburban morphologies are ocated in parts of the corridor with esidential densities which are mostly present in McCordsville and New Palestine.

3 The corridor-oriented and caroriented morphologies represent the concentration of auto-oriented building, strip-malls, institutional, and eligious buildings present at the ersection of Mount Comfort Road Corridor with US roads.
4 An irregular morphology is identified north of $\mathrm{I}-70$ and includes, in the ost part, industrial builaings, auto related buildings, and the ndianapolis Regional Airport


LAND MORPHOLOGY AND BUILDING TYPOLOGY
©
MT. COMFORT RD
:-..
STUDY AREA
COUNTY LIMITS
ROADWAY
+1+ RAIL
water bodies

## MORPHOLOGY A - FARM LAND

TYPE 1 : BARN
TYPE 2: RESIDENTIAL INSPIRED BUILDING
MORPHOLOGY B - SUBURBAN
TYPE 2: RESIDENTIAL INSPIRED BUILDING

## -

TYPE 1 : BARN
TYPE 2: RESIDENTIAL INSPIRED BUILDING TYPE 3: RELIGIOUS BUILDING
TYPE 6: AUTO-ORIENTED COMMERCIAL BUILDING
TYPE 8 AUTO RELATED BUILDING
$\square$ MORPHOLOGY D-CAR-ORIENTED
TYPE 3 : RELIGIOUS BUILDING
TYPE 4 : INSTITUTIONAL BUG
TYPE 6: AUTO-ORIENTED COMMERC
TYPE 8 AUTO RELATED BUILDING

## MORPHOLOGYE-IRREGULAR

## TYPE4:

TYPE 6 : AUTO-ORIENTED COMMERCIAL BUILDING
TYPE 7 INDUSTRIAL BUILDING

E96THST
(1) Stantec





## TYPE 3 RELIGIOUS BUILDING

## POINTS OF INTEREST

Points of interests in the study areas translate to mixed-use corridors, a regional mixed-use node industrial parks, the Indianapolis Regional Airport, and educational and religious buildings. The identification and the understanding of these points of interest are essential to the corridor plan and recommendations.

## TAKEAWAYS

(1) The study area is characterized by the presence of many religious buildings and schools which have buildings and schools which have southern part of the corridor.
2 The intersection of the Mount Comfort Road Corridor and $1-70$ is a planned mixed-use node.
3 An industrial park and the Indianapolis Regional Airport are two major points of interest of the corridor and are locate north of I-70.

4 Mixed-use planned corridors are located along US roads intersecting the Mount Comfort Road Corridor.


FIGURE 8
POINTS OF INTEREST
$\stackrel{N}{N}$ $\qquad$
$\qquad$ MT. COMFORT RD
:--. STUDY AREA
county limits
ROADWAY
+1, R Rall
WATER BODIES

- MIXED USE CORRIDOR
- REGIONAL MIXED USE NODE
- INDUSTRIAL PARK
- ${ }_{\text {INDIANA }}$

1. Geist Montessori Academy
2. McCordsville Elementary Schol
3. Mt Comfort Elementary School
4. New Palestine Intermediate School
5. New Palestine Junior High

- ReLIgious CENTER

1. McCordsville United Methodist Church
2. Outlook Christian Churc
3. Harvest Church
4. Mt Comfort Unite
5. Vineyard Community Church Chu
6. New Palestine Church of Christ
7. Ministry Center (Part of New Palestine 8. Zible Church)
8. Cross of Grace Lutheran Church
9. New Palestine Christian Church (Disciples of Christ


## ENVIRONMENT AND

LANDSCAPE

## NATURAL FEATURES

Naturals features and systems found in the study area have a significant impact in determining development patterns. The goal of this analysis is to recognize those features and protect the natural beauty of the county.

The study area is crossed by many streams and creeks such as Bills Branch, North Fork Dry Branch, Dry Branch, Indian Creek, Buck Creek, Breier Creek Doe Creek, and Wes Little Sugar Creek. The Federal Emergency Management Agency (FEMA) creates maps for counties that show flood risk information, which is in the study area consists on areas around the before-mentioned steams. These floodways and floodplains are important for water drainage and thei obstruction creates unbalance in the natural flow of water. In addition, the study area has many wetlands, and their preservation is necessary because like river and streams, they are also sensitive natural features and important natural drainage systems.

## TAKEAWAYS

1) The existence of many streams crossing ht Comfort Corridor.

2 FEMA maps show important floodways around streams crossing Mt. Comfort corridor among which, Buck Creek and Doe Creek.
(3) Many wetlands are within the study area.
(4) The preservation of these sensitive natural water features is necessary as atural water features is necessary as and contribute to the beauty of the county.


FIGURE 9 NATURAL FEATURES
MT. COMFORT RD
 county limits ROADW
water bodies

- FLoodwa
- hood Lan (loo years)
- FLOODPLA
NORTH FORK DRY BRANCH
$\begin{array}{ll}2 & \text { DRY BRANCH } \\ 3 & \text { INDIAN CREEK }\end{array}$
(4) BUCK CREEK
doe creek
west little sugar creek



## OPEN SPACES AND <br> RECREATIONAL FACILTIES

Open spaces identify conservation areas and recreational spaces in the Mount Comfort Road Corridor. The corridor plan considers these spaces as opportunities and builds off their protection communitie

## TAKEAWAYS

1 Conservation areas consist of floodways and a 50 ft buffer around them. Many are located within the study area

2 Managed show natural and recreational areas that are owned and managed y the Indiana Department of Natural Resources, federal agencies, local gencies, and non-profit organizations.
3 Few parks are within the study area including the McCordsville play park shool playgrounds, and the Sugar Creek Township park.
(4) Pennsy trail crosses the study area near the Mount Comfort Road and US-40.

5 US bicycle route crossed the study area hrough the W 300 S road.


FIGURE 10
OPEN SPACES AND RECREATIONAL FACILITIES
$\stackrel{N}{ }$

$\qquad$ MT. COMFORT RD
:-.. STUDYAREA COUNTY LIMITS ROADWAY

-     + RALI
- WATER Bodies
- management land
... US BICYCLE ROUTE
- RECREATIONAL FACILITIES CONSERVATION: FLOodPLAIN \& 50FT BUFFER ZONES
(1) MCO

MCCORDSVILLE PLAY PARK
mt comfort elementary SCHOOL PLAYGROUND
(4) SCHRAMM WOODS
(5) DOE CREEK ELEMENTAR

SCHOOL PLAYGROUND
6 SUGAR CREEK ELEMENTA
SCHOOL PLAYGROUND
(7) zion Lutheran church

AND SCHOOL
Sugar creek township
PARK
new palestine lions club


## INFRASTRUCTURE

## PUBLIC UTLLTIES

Numerous electrical and gas lines cross the corridor which create barriers and edges to development parcels. Setbacks from these infrastructure pieces and pathway connections in accordance with various approvals that might be required by the utility agencies.

## TAKEAWAYS

(1) Cell tower service may require ell tower service

2 Fiber, cable and other telecommunication ervice upgrades should be ontemplated with the proposed land se updates within this report
(3) Coordination among four Electric Service Territory providers will be essential maximize the potential of pathway and open space connectivity along the electric line rights-of-way throughout the corridor.


PUBLIC UTILITIES
©
MT. COMFORT RD
:--: STUDY AREA COUNTY LIMITS ROADWAY
+1+ RAIL
WATER BODIES

- electric lines
- OILS GAS PIPELINES
- communicationtowers

ELECTRIC SERVIC
TERRITORI

- DUK
- IPL

NINESTAR
-
RSE


## SYNIHESSS




BIG IDEAS

## 2

MIX AND MATCH
Development of a series of new land uses that provide direction on typologies of housing as well as encourage a mix of uses at key areas along the corridor.

3 FOLLOW NATURE

Use the natural water courses as pathway opportunities. These networks can be further enhanced by installing pathways along the various electric line easements that cross the corridor.

## 4

WORK, LIVE, EDUCATE, RECREATE

Develop a corridorwide open space and recreation plan so that a variety of recreational options are provided in a holistic manner.


COLLABORATE EARLY AND OFTEN

The success of the implementation of the corridor plan requires a strategic collaboration amongst county and municipal leadership. The corridor plan can highlight.

focus DEVELOPMENT

Agricultural lands on the edges of the corridor study area should be preserved so that catalyst sites along the corridor can capture market absorption and provide opportunities for complete community development before new lands are considered for development.

## 7

STRATEGIC
MOBILITY INVESTMENT

Focus roadway improvements in a strategic corridorwide manner. When contemplating roadway improvements active modes and complete street principles should be considered.

## RESIDENTIAL NEW CONSTRUCTION PROJECTIONS

## 2020-2030 HOUSING DEMAND 13,779 units <br> MARKET DRIVEN DEMAND 8,761 units EMPLOYMENT DRIVEN DEMAND 5,018 units

$\downarrow$
TOTAL NEW HOUSING UNIT DEMAND BY OCCUPANCY

|  | MARKET DRIVEN DEMAND |  | EMPLOYMENT DRIVEN DEMAND |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Units | \% | Units | \% |
| Owner Occupied | 5,870 | 67\% | 3,362 | 67\% |
| Renter Occupied | 2,891 | 33\% | 1,656 | 33\% |

$\downarrow$

TOTAL NEW HOUSING UNIT DEMAND BY

|  | MARKET DRIVEN DEMAND |  | $\begin{gathered} \text { EMPLOYMENT } \\ \text { DRIVEN } \\ \text { DEMAND } \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Units | \% | Units | \% |
| <\$15,000 | 518 | 6\% | 372 | 7\% |
| \$15,000-\$25,000 | 360 | 4\% | 1,955 | 39\% |
| \$25,000-\$35,000 | 764 | 9\% | 2,076 | 41\% |
| \$35,000-\$50,000 | 553 | 6\% | 215 | 4\% |
| \$50,000-\$75,000 | 1,745 | 20\% | 83 | 2\% |
| \$75,000-\$100,000 | 1,692 | 19\% | 317 | 6\% |
| \$100,000-\$150,000 | 1,613 | 18\% | - | 0\% |
| \$150,000+ | 1,516 | 17\% | - | 0\% |
| Total New Housing Units | 8,761 | 100\% | 5,018 | 100\% |

## PROPOSED LAND USE

## LOW SCALE RESIDENTIAL

As the lowest form of residential density along the corridor, this land use area is intended to accommodate primarily low scale housing typologies that are reflective of the more rural/suburban character including:

Single family detached
Duplex (at corners)
Cluster homes
This use does not accommodate large lot/rural housing typologies and would only apply to new construction activities.
Density allowance: 1 to 3 units per acre
Example 1-Cluster Homes, Davidson Rural Area Plan, a Congress for New Urbanism award winning project in Davidson, NC supports land development while protecting a minimum of 2,463 acres of land for conservation purposes. Smaller lots, shared public spaces and a design that responds to the topography of the land provide a sensitively designed series of spaces that still accommodate housing typologies that are low in density overall. This graphic represents about 2 units per acre but has a more compact form with more open space options
Credit: Davidson Rural Area Plan/Stantec
Example 2 - An exiting area of the Davidson Rural Area Plan with shared open space, this area is approximately 4 units per acre.

Credit: Davidson Rural Area Plan/Stantec

* Units per acre are calculated by the total gross area of the subdivision lot divided by the total number of proposed units



## SUBURBAN RESIDENTIAL

A progression in density, the Medium Density Residential land use areas are intended to introduce more varieties of housing typologies that offer a range in housing choice. Developments within these areas should be encouraged to offer a mix of the housing typologies where possible. Housing typologies in these districts include

Single-family (small lot)
Duplex
Townhomes
Cluster Homes
Low Scale Apartment Buildings (2-3 stories)
Density Allowance: 3 to 8 units per acre*

* Units per acre are calculated by the total gross area of the subdivision lot divided by the total number of proposed units.


## TOWN CENTER

Development within a town center designation is to include a variety of housing, commercial and civic services. These areas are envisioned as a master plan and are subject to approval by municipalities.


## TRADITIONAL NEIGHBORHOOD

Areas identified as Neighborhood Center have been located at key intersections along the corridor to promote opportunities for small scale commercial development and offer opportunities for a potential mix of uses including residential development. While not vertically mixed use, these areas encourage the opportunities to consider horizontal mixed-use plans that could promote small nodes of activity tha supplement the larger mixed-use districts identified along the corridor. Lands within a neighborhood center designation are meant to support a variety of uses, approval of development in these areas should require an examination of use mix at time of development application to ensure a mix. Generally, no single use should occupy more than $60 \%$ of the area
Allowable uses within these areas include
General Commercial Uses:
One story retail establishmen
, Two story retail building
Two story office building
Gas stations
Restaurants
General Retail Services (e.g. dry cleaners, florists, convenience stores, specialty shops, etc.)


## MIXED USE DISTRICT

These districts are meant to be the most compact walkable nodes along the corridor. Critical densities are required to achieve the kind of animation and activity envisioned within these nodes. To accomplish this, uses should be mixed vertically and in progression of scale that allows the built form to transition from highest intensity in the center of the zones to lower scale development that would be complimentary to its adjacent uses

A PUD should apply to the entire district to have a clear phasing and development plan that will achieve the desired outcomes of the district. Considerations to design should include prisichs for ope spang and development and potential institutional uses lik recreation centers and schools.

General Residential Uses
, Duplexes
Townhomes
2-4 story apartment buildings (no ground floor commercial)

General Commercial/Mixed-Uses
2-6 story mixed-use residential buildings (ground floor commercial)

2-4 story mixed-use office buildings (ground floor commercial)
, 2-4 story office buildings (no ground floor commercial)

Residential Density Allowance: 10 to 25 units per acre

* Units per acre are calculated by the total gross area of the subdivision tot divided by the tota number of proposed units.


General Residential Uses
, Duplexes
Townhomes
Cluster Homes
2-4 story apartment buildings
Residential Density Allowance: 6 to 15 units per acre^

* Units per acre are calculated by the total gross area of the subdivision lot divided by the total number of proposed units.
 opportunities. These uses must be low in density.


## LIGHT INDUSTRIAL

Uses in this district are to support light industrial activities, as identified in the applicable zoning codes along the corridor.


## PREMIER INDUSTRIAL

Premier Industrial supports elements like research and development, small scale manufacturing and office campus uses that are complementary to the industrial uses. These areas are higher in design requirement than light industrial as office uses typically mean higher density of people within the area. Requirements for landscaping, buffers and building design should be considered within these areas


## NATURAL CONSERVATION

Uses that enhance and protect naturally sensitive corridors within the area. These spaces could include consideration of sensitively designed trails, stormwater mitigation and natural habitat enhancements.

## RECREATIONAL/INSTITUTIONAL

Uses within this district are to support broad recreational and institutiona services that might not be located within the mixed-use or neighborhood center districts along the corridor.

## AGRICULTURE

Uses within this district are protect areas that are predominately agricultural in nature but could allow for small scale implementation of Agritourism


This designation is to comply with existing airport land use regulations and only to support airport functions.



EXISTING CONDITIONS

## ZONE 1



PLAN 13
ZONE 1 -EXISTING CONDITIONS
$\stackrel{N}{(1)} \sqrt{0.25}$
zone limit

RAIL

- roadway

BUILDING FOOTPRINTS
WATER BODIES

- CONSERVATION AREAS

OPPORTUNITIES \& CONSTRAINTS



ZONE 1 - OPPORTUNITIES \& CONSTRAINTS
© $\sqrt{\sim} \underset{0.25}{\square}$
$\qquad$ MT. COMFORT RD
:-:- STUDY ARE zone limit
$\qquad$ ROADWAY
BUILDING FOOTPRINTS
water bodies

- CONSERVATION AREA

PARKS
ECTIONS

LAND For development

- AIRPORT SURFACE AREA
- AIRPORT APPROACH ZONES AIRPORT NoISE SENSItIVE ZONES
IIIII PHYSICAL BARRIERS

M": MAJOR NODES
MIXED-USE CORRIDOR

- major road connections - powerlines



## PROPOSED LAND USE




## ZONE 2

EXISTING CONDITIONS



## OPPORTUNITIES \& CONSTRAINTS




PROPOSED LAND USE






CATALYST SITE 1 - SITE PLAN

$$
\stackrel{N}{\top} \underset{0}{ }{ }_{200} \quad{ }_{400}
$$

## ZONE 3

EXISTING CONDITIONS



PLAN 22
ZONE 3 - EXISTING CONDITIONS
MT. COMFORT RD
-:- STUDY AREA

H RAlL
$\stackrel{N}{\text { N }} \sqrt{0}$

- roadway

BUILDING FOOTPRINTS
water bodies

- CONSERVATION AREAS


## OPPORTUNITIES \&

 CONSTRAINTS



## ZONE 4

EXISTING CONDITIONS



OPPORTUNITIES \& CONSTRAINTS



PROPOSED LAND USE


## ZONE 5

EXISTING CONDITIONS

 CONSTRAINTS



## PROPOSED LAND USE <br> 



## CATALYST SITE 2





CATALYST SITE 2 - SITE PLAN

## $\stackrel{N}{\top} \underset{0}{ }{ }_{200}$

ZONE 6

EXISTING CONDITIONS


PLAN 35
ZONE 6 -EXISTING CONDITIONS
...... Zone limi
$\stackrel{N}{0} \quad \sqrt{0.25}$
+! RAIL

- buILDING Footprints
- water bodies
- CONSERVATION AREAS




## PROPOSED LAND USE






PLAN 39
CATALYST SITE 3 - SITE PLAN
ob $\sqrt{\square}$
(V) Stantec

## PROPOSED STREET

 IMPROVEMENTS
## 5

## Street

## Improvement Typologies

Street improvement typologies that are proposed in the study area differ according to street character and purpose. Five street typologies are identified to improve traffic and active transportation. Street improvement typologies take into consideration available right-of-way to accommodate both cars and pedestrians.

In the segment of Mt -Comfort Corridor between I-70 and W $500 \mathrm{~N}, 4$ lanes are proposed to accommodate struck and semi-truck traffic.
Setbacks are usually between to 20 ft to enhance the pedestrian experience. nterms of green infrastructure bioswales along the streets could be created to manage misure and cors surroundings.


1

MIXED-USE COMMERCIAL WALKABLE STREET
Occurs in catalyst sites and in
2

## CONNECTOR

Smaller streets that feed Mt Comfort Road and serve residential industrial and other uses.
3

RESIDENTIAL
Occurs within neighborhoods in the corridor.

4

THOROUGHFARE
Occurs along state highways and serve commercial areas as well as downtowns and neighborhoods.


MT-COMFORT CORRIDOR Toolkit to be applied as applicable and as opportunities for mprovement become available.

FIGURE 40 PROPOSED STREET IMPROVEMENTS
$\stackrel{N}{\top}$

$\qquad$ MT. COMFORT RD
:-:- STUDY AREA county limits ROADWAY
WATER bodies

- TYPE 1-MIXED-USE/COMMERCIA

TYE2-contator

- TYPE 3 Residential
- TYPE4-THOROUGHFARE
- TYPE 5-MT-COMFORT CORRIDOR


TYPE1 MIXED-USE/COMMERCIAL WALKABLE STREET


TYPE 2 CONNECTOR


TYPE3 RESIDENTIAL



TYPE 5 MT. COMFORT ROAD

## IMPLEMENTATION

This study is meant to think big, provide broad ideas that will require additional work towards the desired outcomes envisioned. The following are recommended next steps to help establish a framework for implementation as well as broader collaboration for the desired outcomes for the corridor:
(1) Develop a working group of municipalities and county to collaborate on implementation of the vision.
(2) Incorporate ideas of this vision study into the relevant policy plans (e.g. municipal comprehensive lans, county comprehensive plan, updates to various zoning codes).

3 Study the potential for transit options along Mount Comfort Corridor (north/south connectivity) and potential extension of BRTs from Indianapolis (east/west connectivity)
(4) Update the Hancock County Trails Plan to consider additional connectivity opportunities along natural corridors that could provide additional connectivity for pedestrians and bicyclists.
(5) Create design guidelines that would influence new development along Mount Comfort. Guidelines could be created collectively or by each approving authority with consultation of a working group to ensure consistency. Guidelines should consider mpact new development, public/private and institutional users and consider how developme atterns can promote walkability, mixed-use environments and higher-quality urban-style urban environments.

6 Develop corridor-wide recreation plan to understand broader community needs and facilities equired to prevent duplication of service offerings as well as signal to new development where such recreation or park facilities might be located
(7) Develop a detailed thoroughfare plan with the DOT municipalities and county officials that consider modes of transportation as well as mitigates he potential negative effects of increased freig ovement in the corridor that will coincide with the development of new industrial facilities.

NHAI W: HEARD

## COMMUNITY INPUT SYNTHESIS

Community feedback has been gathered through MURAL, a digital workspace for visual collaboration Corridor Visioning Project and to insert their thoughts

## ZONE 1

Center ${ }^{\text {Kown ind }}$ Noblesville Hamilton minimal sites businesses Preserve nee areasSDaceremoved lookit lowscaleentifiry mosnresidentialbuiltez lanotowncenterlost und lot small parkMakeean companactits ind they inenear Require

## KEY TAKEAWAYS

1) Reduce low-scale residential in an interes of creating more compact residential environments that are in close proximity to

Town centers needs to be close to residential neighborhoods.There should be a commitment to each phase of a town center to prevent developers from cherry picking easy and more rewarding lands.
4 There is an interest in preserving green space in the corridor and creating new parks.
and concerns through comment boxes. Input has been organized according to the six study zones and is synthetized as follows. Comment verbatim is also included at the end of the document.

## ZONE 2

quality wellservices now milelittle housing murnon growth Walmartainat we 6 up nowalmartime ${ }_{\text {red }}$ northindustrialparkby farareaw its these traffic an centerbe regard Hancock home too

## KEY TAKEAWAYS

1) Concern about the new Walmart facility in the area especially that there is one close by.(2) Concern about infrastructure capacity, safety and quality of life near industrial land uses.Some residents noted the close proximity of Premier Industrial from residential areas.
(4) Some people are worried there is too much low-scale residential.

## ZONE 3

et Industrialway nothing costgo 2 DOl|ution either on but getbyplannOIS light tax ots.ve itind UStrialkeep fly live homes area want who sectionssafetyoconstant seems safetypremier couldinfrastructuremand:

## KEY TAKEAWAYS

1 Incompatibility of industrial land uses with current residential homes in the area because of noise, pollution, truck traffic, , etc
(2) Infrastructure not supporting all the industrial land uses in the area.
(3) The area is predominantly light industrial with to 2-story warehouses which will reduce tax revenue for local infrastructure
(4)

Concern about traffic safety due to the influx of industrial semi-trucks, especially for kids in elementary schools.

## ZONE 4

ay stores after years air years build fear roundabouts decent how housing SCale county now housing leavearea US ${ }^{2}$ better can' entirreless ere filltraffic 4 Walk 40 has fill bikereside ential could Ideally appearance doesn't

KEY TAKEAWAYS
(1) Appreciation for the mixed-use aspect of land use in this zone that would allow people to walk and bike to different destinations.

2 Concerns about low-scale residential in the southern part of the zone as it would not create the vibrant community that preserve natura lands, mix uses nor generate enough tax revenue for local infrastructure
(3) Appreciation for well-designed roundabouts to generate better traffic flow

4
There is a need to set aesthetic standards for this zone as far as building, signage and andscape.

## COMMENT VERBATIM

## ZONE 5

restroom Cumberland Also north extension enough Would conservation travel ways ways trail uponike tracross
 extendedlOW wans nanymore detours ow zone alsoco bicycle around side wonto bicycle connect north To trailheads access tman suggest ${ }^{\text {Too }}$

## KEY TAKEAWAYS

1 Need to extend the Pennsy trail to connect Cumberland to Greenfield while creating more conservation around it.
(2) Interest in Suburban and Traditional Neighborhoods over Low-scale residential with more compact housing types to preserve natural resources.
3 Interest in creating more roundabouts.

## ZONE 6

only termsigns its plans total ©insteadretailgreatuse Integrate mixed clutter , Parks planvisual adide seale antraffic road near developmentobsuite
billboards communityless

## KEY TAKEAWAYS

(1) There needs to be more designated parks in this area.
(2) Interest in mixed-use land uses over low-scale residential to create dense environments that generate tax revenue that pays for better community amenities and infrastructure
(3) Concern about retail and businesses being near US-52 rather than inside residential neighborhood
4 Interest in enhancing the aesthetics and traffic safety of US-52 while creating walkways and bikways.

## ZONE 1

There is far too much low scale residential and only one mixed-use area. Are we supposed to drive and drive to go to stores, park, etc ? Blend small sinesses and residences into the same area so they'll be conveniently close to each other!

There's only one designated park in this entire area.
How can a town center be called a town cente when it's so far removed from where most esidential will be built?

Make residential more compact. Preserve the open space instead of bulldozing it for low scale esidential areas. Animals have lost enough of their natural land already.

Set aesthetic standards for the premier industrial corridor so it'll look decent. Minimize parking lot frontage. Require industrial sites to landscape their entrances with grass and trees. Ban billboards
Install roundabouts in any newly developed area. They're safe and cost-effective and people won't burn through gasoline waiting at stoplights.

Add hardy-and native landscaping to roundabouts corridor consistent signage and/or city/town ignage - like Noblesville near Hamilton Town Center.
why is conservation so minimal? once greenspace s gone, it's gone

Feel as low scale residential needs to be less acres han the traditional and suburban neighborhood agree there should be more green space kept

Need a commitment for each phase of town center with penalties if not completed. Don't let developer herry pick the easy and more rewarding pieces.

For approvals of apts in this area they need to mandate that the commercial on the 1st floor appen at the same time. Allowing the first floor work.
Stop allowing commercial in this area

ZONE 2
There is nowhere for community members to hang out in this zone -- no town center, no park, nothing. Oh, but they could all gather at Walmart!
Why another Walmart? We have one on Washington, Pendleton Pike, and in Greenfield. We also have a Meijer just north of here.
Why are we continuing to add these large factories Hancock County knowing that after their tax ncentive time runs out that they will leave our county?
The roads are not adequate for the industria growth occurring in this area, paricularly the Walmart distribution center. Infrastructure should have been put in place first! Also, public safety does not have the resources to handle to influx omplexes.
Why is there so much industrial here? Every morning, all the cars in the home sprawl area will ne up and commute to the industrial area, and at night, they will all line up and drive back home. That is an exciting vision for the future. Who wouldn't ove it?
Why a Walmart? We have one on Washington as well as Meijer not far from here as well as a Walmart in Greenfield.
This plan puts Premier Industrial in current residential zoning at N700W and W500N. Three housing additions are just north of this. On Wile setween N700W \& Cos line the road for the mile betw a county Line Road. This is fife for the people who have homes in this area.

Create a separate road for trucks. Children and adults should be able to walk, bike, and drive safely.

Glad to see something planned for the intersection of Mt Comfort Rd \& W 6 N . Just a stop light there is silly Drivers turn \& 6 N. Just a stop light there is increased traffic. Very unsafe!
Special call-out for Walmart and its concrete ocean of parking!
Cars block 700 North in the afternoon waiting to turn into the school. They should not be allowed to park on the road obstructing traffic.
This Premier Industrial is currently Residential Zoning. You simply cannot do this. Houses are there now. and a nice housing addition is adjacent to this plot.
Quality of life for current residents has not been considered in current plans or approvals. Infrastructure, including noise and traffic management and emergency services, is lagging far behind the explosive industrial growth next to homes
Too much low scale housing
Low scale housing does not provide enough money per student for school taxes
Why does Hancock County have so little regard for quality of life of its residents? Really -- putting premier industrial so close to residential?
Why is there premier industrial in that one spot? Please, please, please don't allow that to happen. It is too close to residential and houses are there now. Premier industrial is the same category as Carvana.

ZONE 3

The infrastructure cannot support this volume of light industrial, and the industrial expansion is incompatible with current residential homes in area. We are drowning in tractor trailers and constant noise already, and this plan makes it worse.
No - this area is currently residential, and houses are here. You cannot carve out this small section for Premier Industrial
have seen nothing to keep our kids in Mt Comfort elementary school safe. Semis fly down 300N here is industry all around the school. What is his doing to the water supply? How are we going ensure the safety of our children as they come and go? What about the large increase of noise pollution from the constant semi traffic? What about the increase in noise pollution to the existing population as the road noise from 70 reflects off the warehouses?
I am concerned about all of the roundabouts. With all of the new warehouses and the increased sem traffic, they seem to cause a lot of issues and tipping over. I have even witnessed the semi drivers utting off school buses and flicking them off. It is utrageous
The residents in this area are getting bombarded with industrial, but no one seems to care about the fo these warehouses, and public safety cannot kee up with the demands. These warehouses re either sitting empty or are taking public safety ervices and they are not contributing to the cost of those public services
Why is Indian Creek surrounded by industrial? Shouldn't this natural asset be either free of industrial runoff, or close to homes so people could njoy it? Zone this area to make better use of the natural landscape
This area is almost entirely industrial. Is that really the defining characteristic we want for Mt.

## Comfort?

light industrial = lots of land consumed with only $1-2$ stories of taxable property. This is a horribly inefficient way to generate tax revenue for loca infrastructure.
Taxpayers are not getting advantage to this industrial growth. The warehouse developers are getting huge tax incentive breaks but yet numerous houses in the area near zone 3 cannot get high seed internet. This is prime example of rural disparity.
Please do NOT change the zoning from residentia to Premier Industrial for that top section in Zone 3 NW (W500N \&N700W). It would be unconscionable for you to do this to the good people of Hancock County who live there and ajacent to this area. We are talking the likes of Carvana! This would be WRONG and would be catering to the developers who want to gobble up the land in western Hancock County. Please do the right thing, and do NOT allow this to be part of the plan. There are houses there now. PLEASE
There is a tremendous opportunity to help balance oncerns by increasing county codes related to reening, ight, noise, and air pollution. This is another (schols and warehouses) (residentia ond another (schools and warehouses) (residential and industrial
agree with this screening or buffering with landscaping
Where are the churches? I see nothing on the key that designates a church
What type of traditional neighborhood could feasibly sit at the NW corner of Mt. Comfort Road and W300N? That seems unlikely. Who would want to live there?
Will 300 be reinforced and repaved all the way through Greenfield? It is getting really worn out with all of the semis.

ZONE 4
This is the one section of this entire plan that has a decent allocation for mixed-use. Ideally, in this section people could walk and bike to restaurants, stores, and jobs.
Why are we accepting these companies, allowing them tax rebates/ incentives, and then they leave fter ten years and we can't fill this space. The community doesn't benefit from this.
Development should be keeping with the quality of the Hancock Gateway Health facility. Mixed use, fear, will bring in more industrial in this zone 4. Why are there so many warehouses popping up at $700 / 300$ ? Conservation is way too low.
need more green space and less low scale housing The low scale residential mistake is being made here, too, in the southern half of this zone. Don't these planners know how to build a vibrant community? Design so people will mix together, and will get preserved, and tax revenue for infrastructure will get maximized per square foot. It would seem that putting residential that close to Mount Comfort and 170 may not be as helpful as putting more industry in those spaces where existing road noise, light, and air pollution already make housing less desirable
Designate more roundabouts. The area from 1-70 US-40 should have all the stoplights turned into roundabouts for saf
This is the entry point to the county, so make sure it is landscaped with trees, rocks, etc. Have aesthetic standards for buildings and signage, too, to give he county a clean attractive appearance from the the county a clean, atractive appearance from
start. More low scale residentia ? want another truck stop at this site?
How do area residents access the mixed-use area via walking or biking?

ZONE 5
There needs to be more conservation around the Pennsy trail extension. The Pennsy trail needs to be extended to the Greenfield piece completely by trail not detours onto 40.40 is not safe enough to travel by bicycle anymore Also there needs to be ways to cross 40 from the north side to access the Pennsy. Would also suggest trailheads with permanent restroom facilities.
Too much weight to low scale housing needs - increase for traditional and suburban

There is too much low scale residential here. We shouldn't be gobbling up natural land like this.
All intersections here should be roundabouts.
Cluster homes more closely together so more of
this land could be preserve for nature or designated for parks and trails.
Wow - can't believe how much low scale residential not good for our county
It's good that industrial is being kept out of this zone. This zone should be bike- and pedestrian friendly.

## ZONE 6

There are no near-term plans to expand US 52 Adding a catalyst site and mixed use on 52 will only ncrease traffic and safety issues.
There aren't enough parks. Zone 6 shows parks
occupying just 79 acres out of 2,047 total acres - that is less than 4\%. This plan makes it hard for kids and adults to walk or bike to a park.
Why is there no recreational area in Zone 6 . Where can people make crafts, listen to concerts, see visual art, etc.?
There is too much low scale residential acreage. Put more emphasis on mixed-use and 2-4-story development. This way the area will be dense enough to generate tax revenue to pay for better aesthetics and infrastructure across Zone 6. Low scale development won't generate enough \$ to improve the area's amenities.
Why are all the retail/business areas clustered around US-52? This is a busy road. Integrate retail/ business areas into the neighborhoods so people can access them more safely and conveniently Integrate shopping, learning, and modest-scal employment sites into the middle and upper hirds of zone 6 so this area will become a rea
community instead of just a bunch of homes.
Roundabouts make trafic The mixed smoother. It's ll the see of Zone. 6 should have them instead all other areas of Zone 6 should have them instead
ns too
Add greenery, curve the road to moute 52
teresting and include wide and dedicated walkways/bikeways along it.
Reduce visual clutter as much as possible along all artery roads. Prohibit billboards and establish an acceptable visual palette for retail signs.
TOTALLY AGREE with no billboards and business sign standards - reduce clutter along the whole
corridor!
Who will make the decision about what the fina plan will look like?
What communities are your inspiration for this plan? There are many great examples out there, but most of this plan seems like an embrace of sprawl rather than smart community-oriented, wellintegrated development
() Stantec

