

WE'RE STUDYING THE FUTURE OF TRANSIT.  
YOU CAN HELP!

Join us at Strawberry Square on Tuesday, May 13 from 11:00AM-1:00PM to tell us how your transit experience could be improved.

Details at [rabbitransit.org/HIMC-Project](http://rabbitransit.org/HIMC-Project)

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## High Intensity Mobility Corridor Study Phase 2 Stakeholder Workshop

Essential High Intensity Corridors

Potential High Intensity Corridors

Potential High Intensity Corridors

HIGH INTENSITY MOBILITY CORRIDOR STUDY

High Intensity Mobility Corridor Study

# Materials Included

- Timeline
- Metrics Results
- Public Input
- Workshop Dates and Goals
- Next steps

# Timeline



# Project Timeline

## GENERAL PROJECT TIMELINE

March      April      May      June      July      August      September      October      November      December      January



**Stakeholder workshop to refine metrics**

Public workshops

Metrics Ranking

Online Survey

**Stakeholder workshop to define shortlist of corridors**

Develop and detail shortlist of corridors

Final Masterplan

# Metrics Results



# Metrics List

## PEOPLE

- **How many people does the corridor serve?**  
(High score means the corridor has a higher concentration of people)
  - Population density - People/square mile within half a mile of corridor
- **Who is served by the corridor?:**  
(High score means the corridor has a population with more transit dependency)  
*Population/demographics - percent within 3/4 mile of corridor*
  - People for which poverty can be determined
  - Ethnicity/people of color
  - Limited English Proficiency households
  - People with disabilities
  - Elders/seniors
  - Households without a vehicle
- **How many people use transit in the corridor today?**  
(High score means higher current ridership)
  - Average daily boardings within ¼ mile

## PLACE

- **How many jobs does the corridor serve?**  
(High score means the corridor has a higher concentration of jobs)
  - Employment density : Jobs/square mile within half mile of corridor
- **How many major destination are there in the corridor?**  
(High score means more destinations in the corridor)
  - Proximity to higher density housing
  - Number of institutional destinations (schools, hospitals, post offices, churches, etc - outside Downtown Harrisburg)
  - Number of retail (major shopping centers, big box stores, banking, etc - outside Downtown Harrisburg)
  - Number of industrial/warehouse destinations (major distribution centers, other industrial job locations)
  - Number of Tourist destinations (theme parks, museums, etc)
- **Does the corridor have good connectivity to get people to bus stops?**  
(High score means more multimodal facilities next to or near the corridor)
  - % sidewalks within half mile of corridor (Data available for York only)
  - Existing active transportation facilities

# Metrics Meaning

High scores on the metrics point to:

- A larger amount of people next to the corridors
- A higher transit dependency based on vulnerability and equity factors
- A higher current ridership
- A higher concentration of jobs
- A higher number of destinations along the corridor
- Better multimodal access facilities near the corridor

# Metrics Scoring

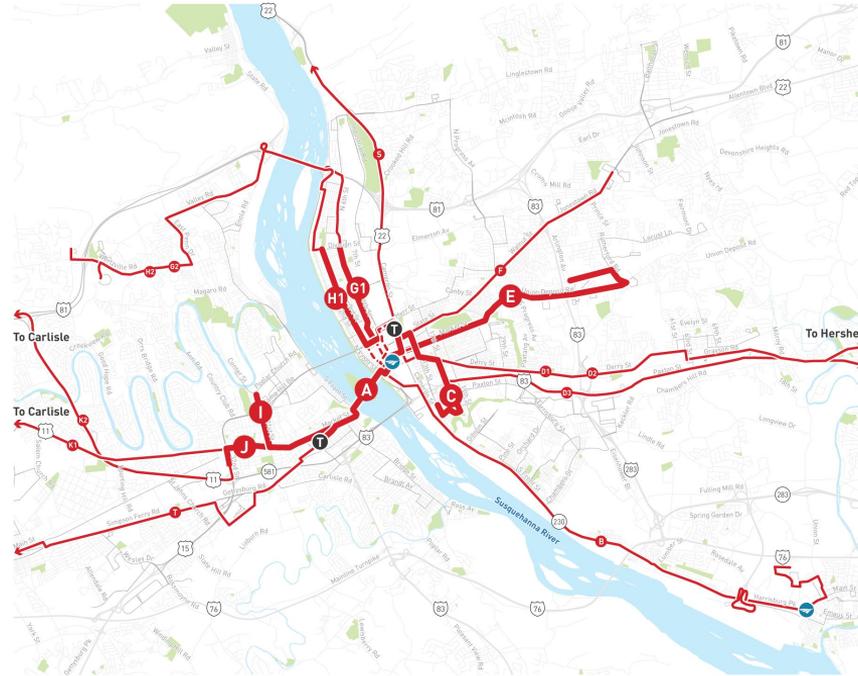
## 1. Each metric is scored 1-5

- For most metrics the range is set so that 3 is average of the corridors
  - Best corridor - 5
  - Worst corridor - 1
- For demographics (who is served?) metrics
  - Average county baseline - 3
  - Corridors are then scored based on that baseline

## 2. Metrics within each category are averaged to get a 1-5 score

## 3. The 6 categories are combined to get a final corridor score

# Top Ranking Corridors - CDH

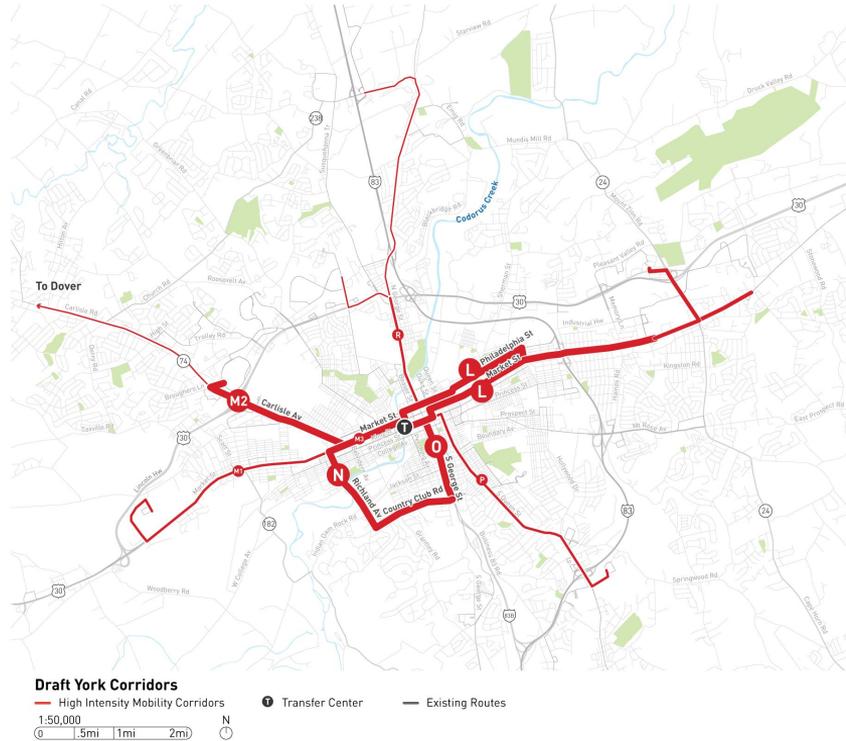


**Draft Cumberland/Dauphin/Harrisburg Corridors**

- High Intensity Mobility Corridors
- - - HIMC Extension
- Transfer Center
- Amtrak Station
- Existing Routes

1:75,000  
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# Top Ranking Corridors - York

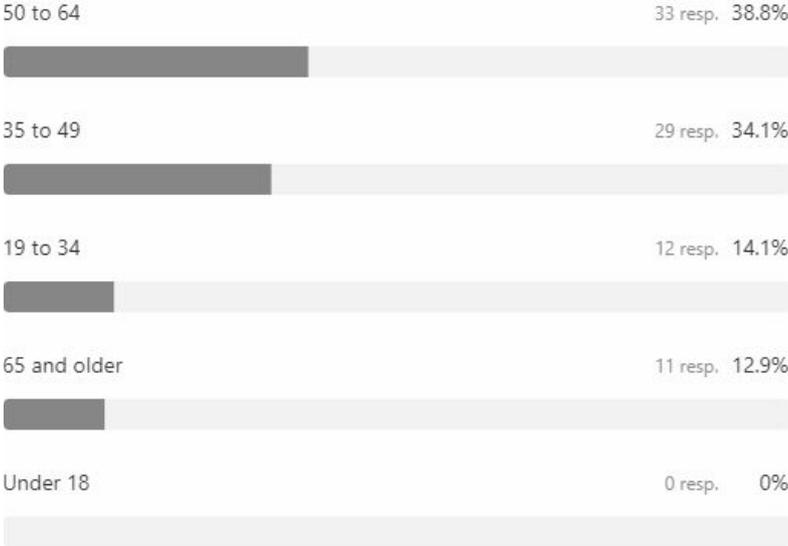


Public Input

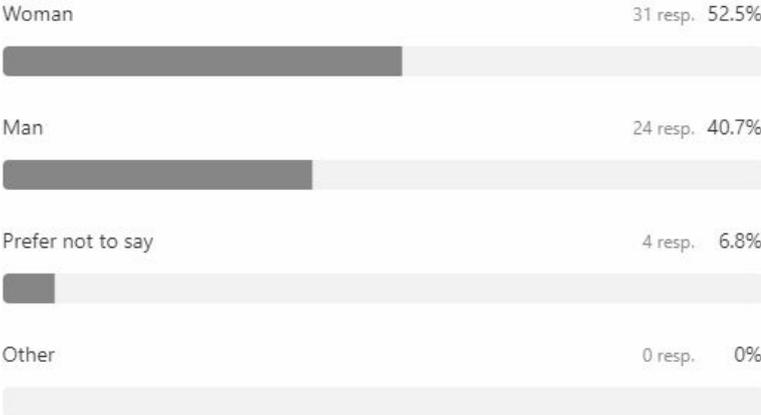


# Final Results - Demographics

## Age Range



## Gender Identification

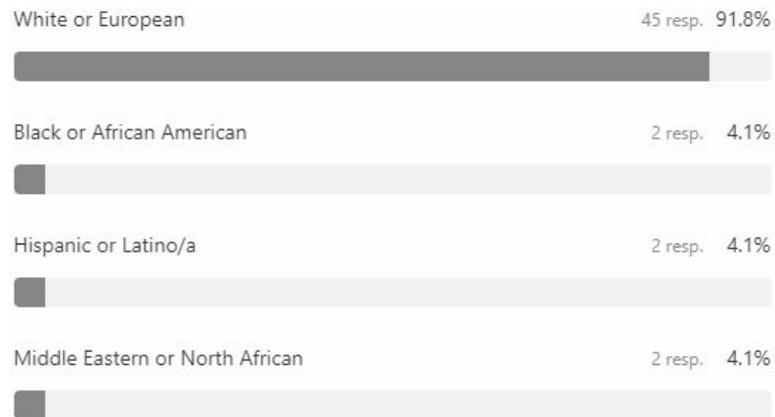


More than 50% of respondents were women

Out of 85 responses, 72% of respondent are 35- 64

# Final Results - Demographics

## Race and Ethnicity

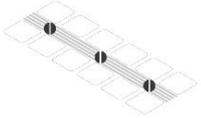


During implementation,  
more focused outreach  
will be done

# Public Input - Amenities

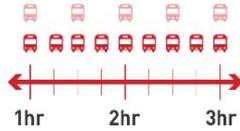
The amenities we asked the public about are circled

## Transit Priority



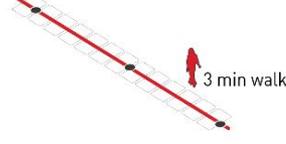
- Transit signal priority

## Frequency



- 15 min peak/ 30 off-peak

## Stop Spacing

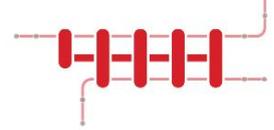


- Quarter Mile: Up to 3 minutes walking distance

## Route Structure

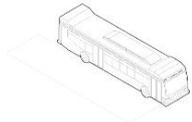


- Single route within corridor: continues out of corridor with less service



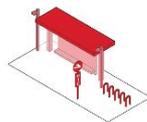
- Single route: covers corridor with other routes that use part of corridor

## Vehicles and Boarding



- Standard bus

## Bus Stops



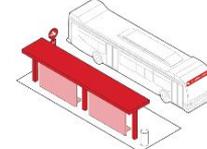
- Pad
- Sign
- Bench
- Shelter
- Bike rack
- Lighting

## Passenger Information



- Sign
- Map/schedule info
- Station name

## Branding



- Bus looks like current bus
- Distinctive route number or name
- Branding at bus stops

## Fare



- Pay driver

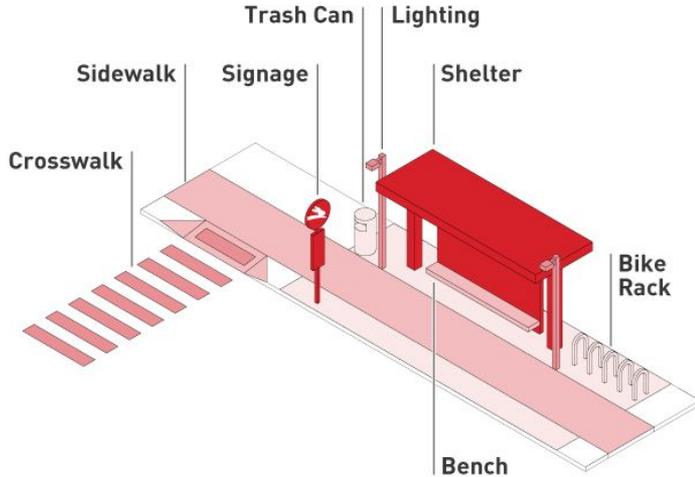
# Amenities Legend

On a scale of 1-5, 1 being the least important and 5 being the most important, how important are these to you?



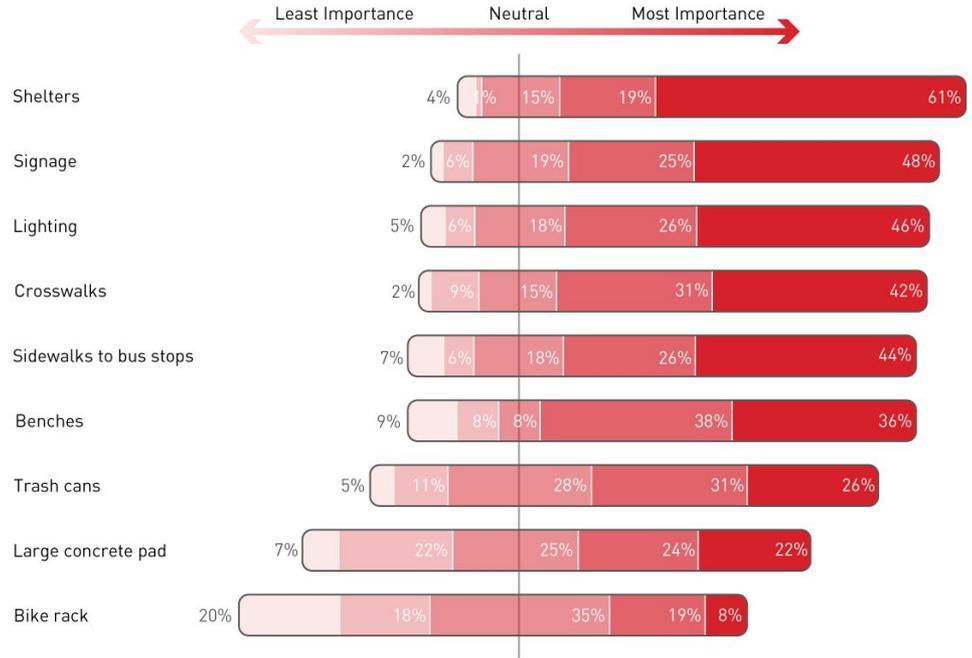
# Final Results - Bus Stops

Higher importance on shelters, signage, and lighting



## Bus Stops

Investing in high-quality stops will provide comfortable waiting areas for riders and also advertise the high intensity corridor to non-riders who may consider using the bus in the future.



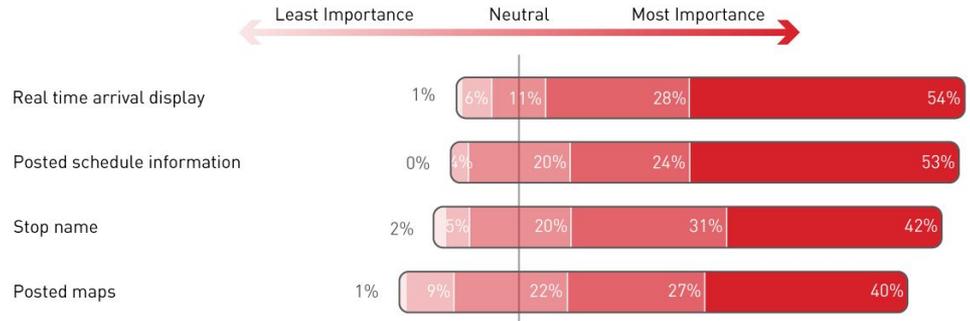
# Final Results - Passenger Information

Higher importance on arrival information (major points of the route, most important stops\*) and schedule



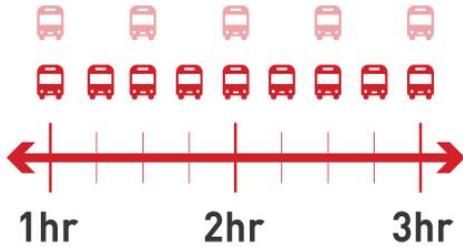
## Passenger Information

With advancements in information-sharing technology, High Intensity Mobility Corridors are an opportunity for rabbitransit to expand upon their passenger information standards at each bus stop



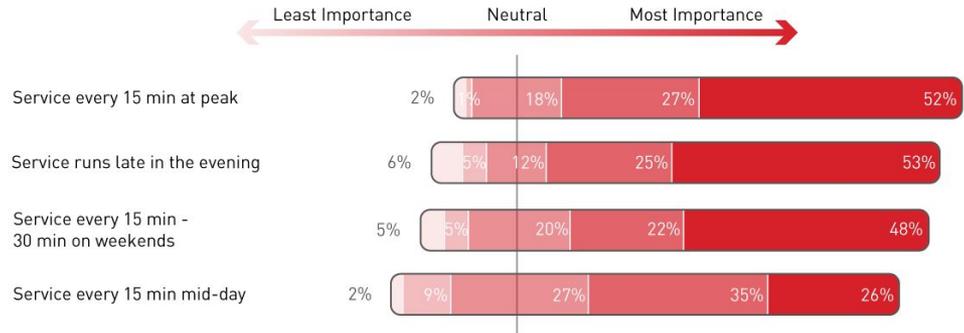
# Final Results - Level of Service

Higher importance on 15 min service at peak



## Level of Service

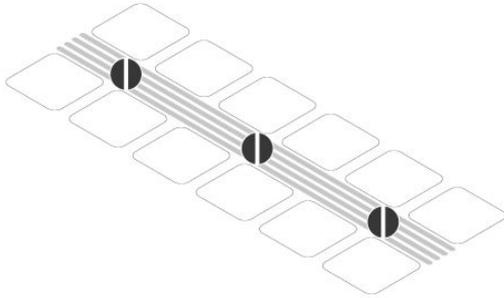
Bus frequency can make an incredible difference in how useful public transit is as a transportation option.



# Final Results - Moving Along the Route

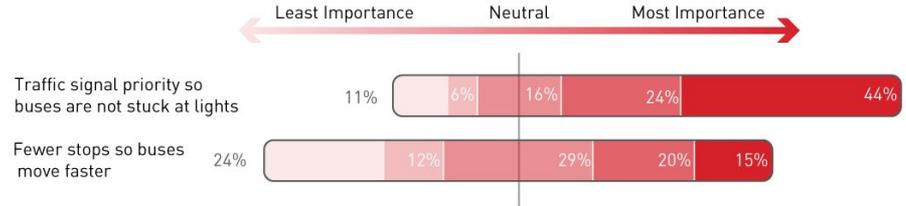
Higher importance on TSP rather than fewer stops.

People like more frequency but also more coverage



## Moving along the route

Investing in prioritizing transit reliability is a significant part of what sets a High Intensity Mobility Corridor apart from a regular bus route.



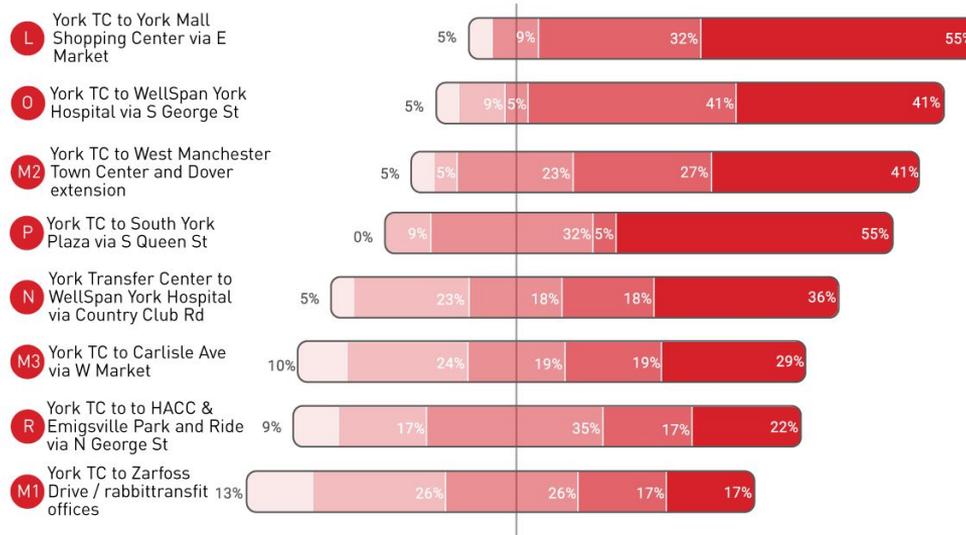
# Corridors Legend

On a scale of 1 - 5, 1 being the least benefit and 5 being the most benefit, how much would the corridor benefit you and your community?



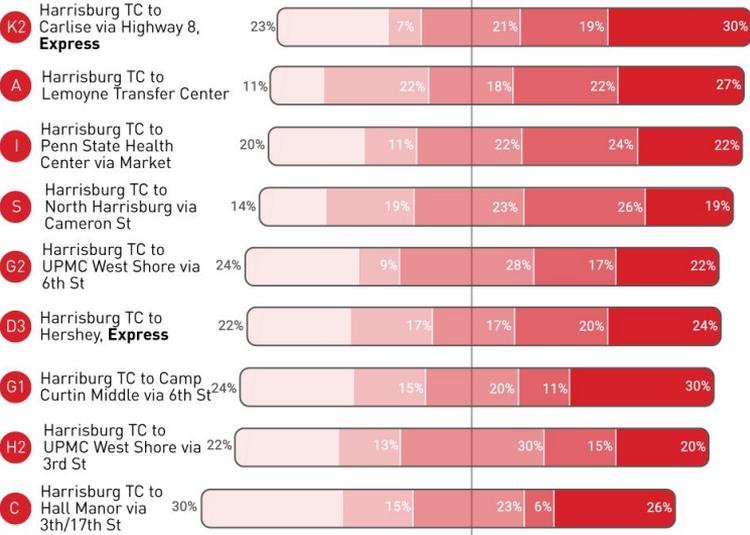
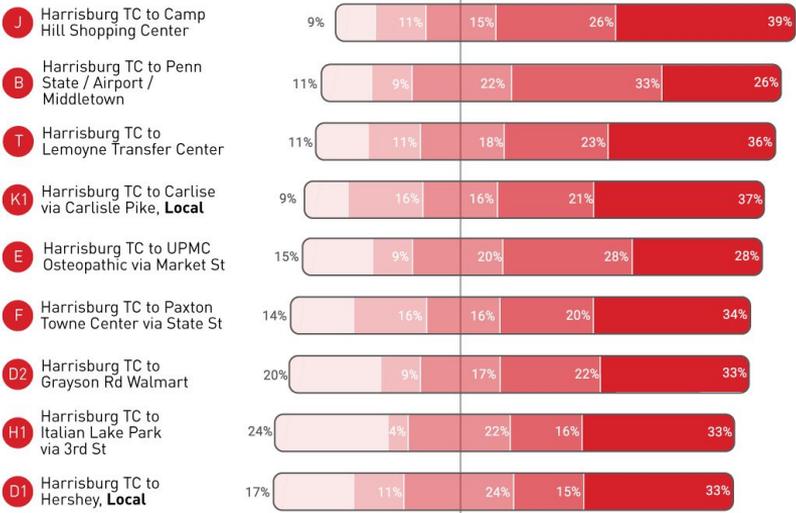
# Final Public Input Results - Corridors - York

## York Corridors

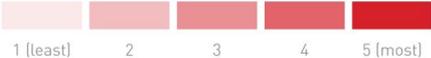


# Final Public Input Results - Corridors - CDH

## Cumberland/Dauphin/Harrisburg Corridors



On a scale of 1 - 5, 1 being the least benefit and 5 being the most benefit, how much would the corridor benefit you and your community?



Synthesis



# Synthesis

**We have a short list of corridors from the set of metrics we identified and refined with the stakeholder group.**

**We have public input results which rank corridors on least to most benefit for community members.**

# Short List of Corridors - Main scenarios to consider

**Higher Benefit - Higher Metrics**

**Higher Benefit** - *Lower Metrics*

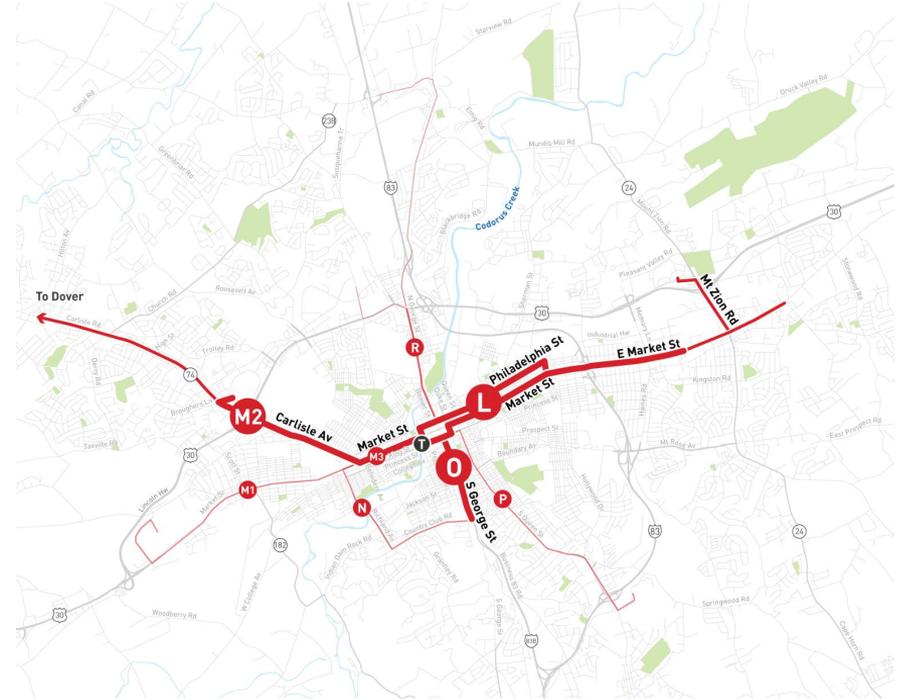
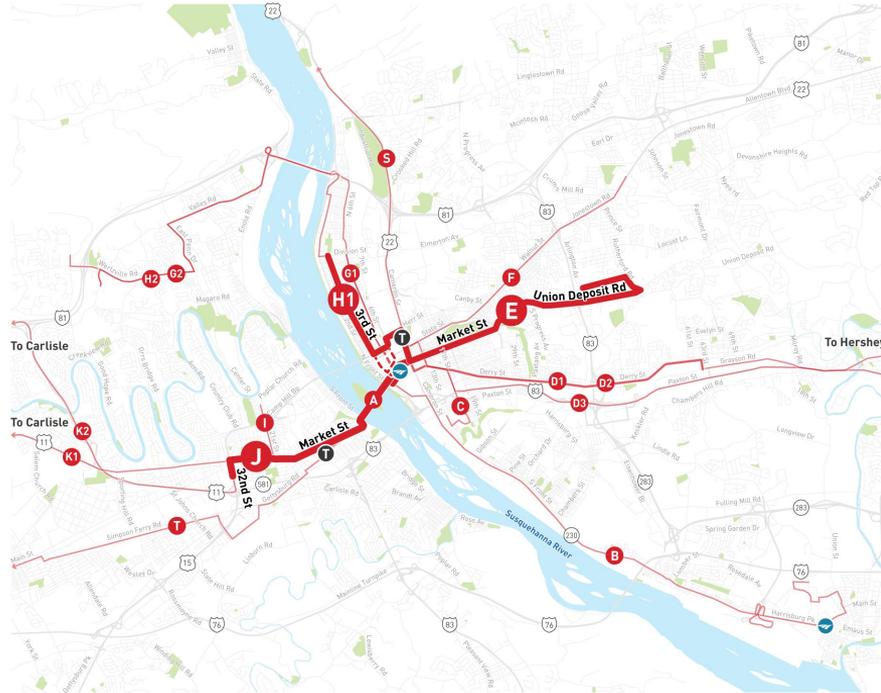
*Lower Benefit* - **Higher Metrics**

*Lower Benefit* - *Lower Metrics*

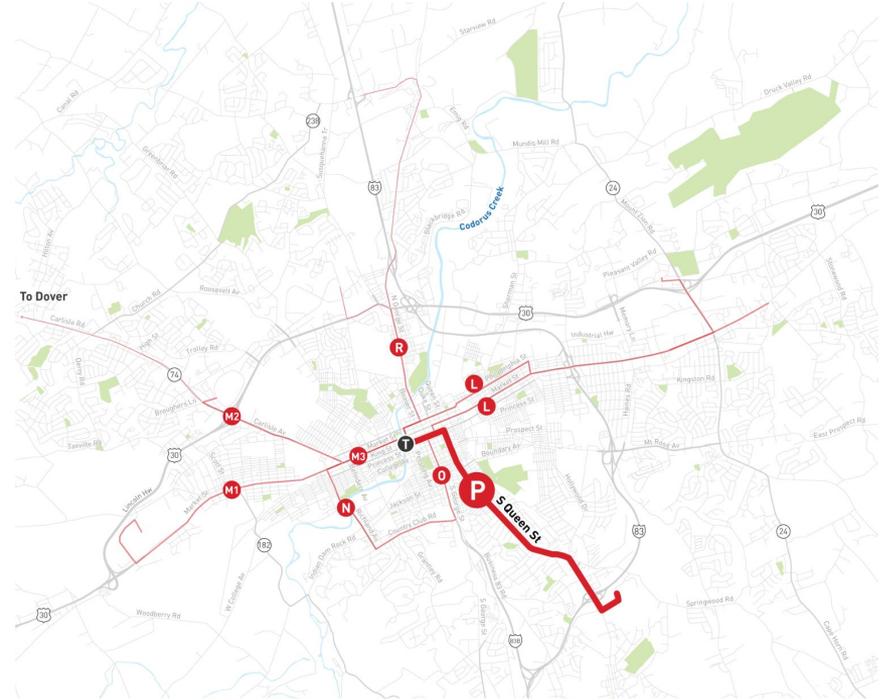
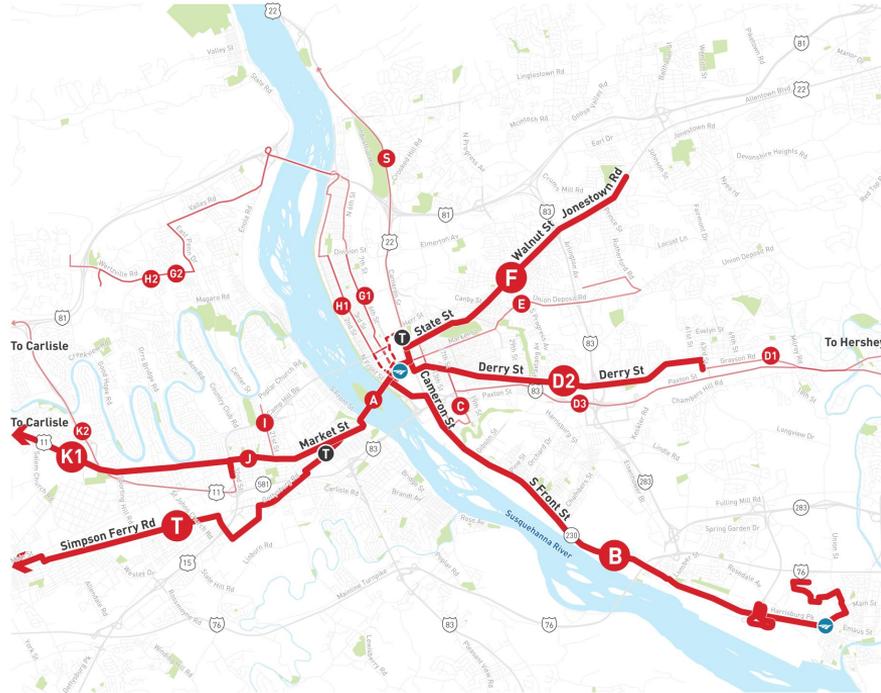


Coming into the stakeholder workshop, we are covering each of these resulting scenarios

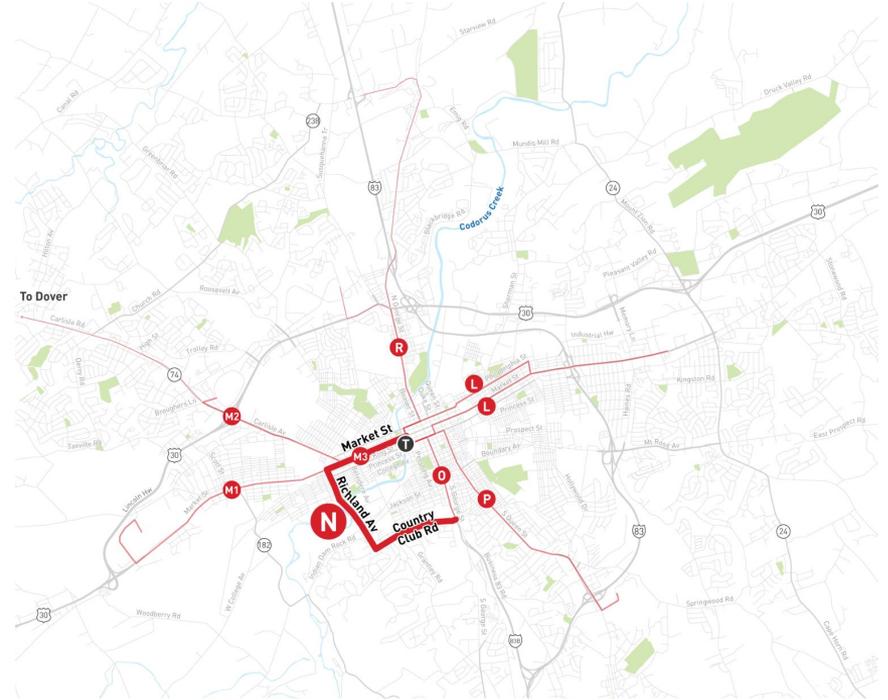
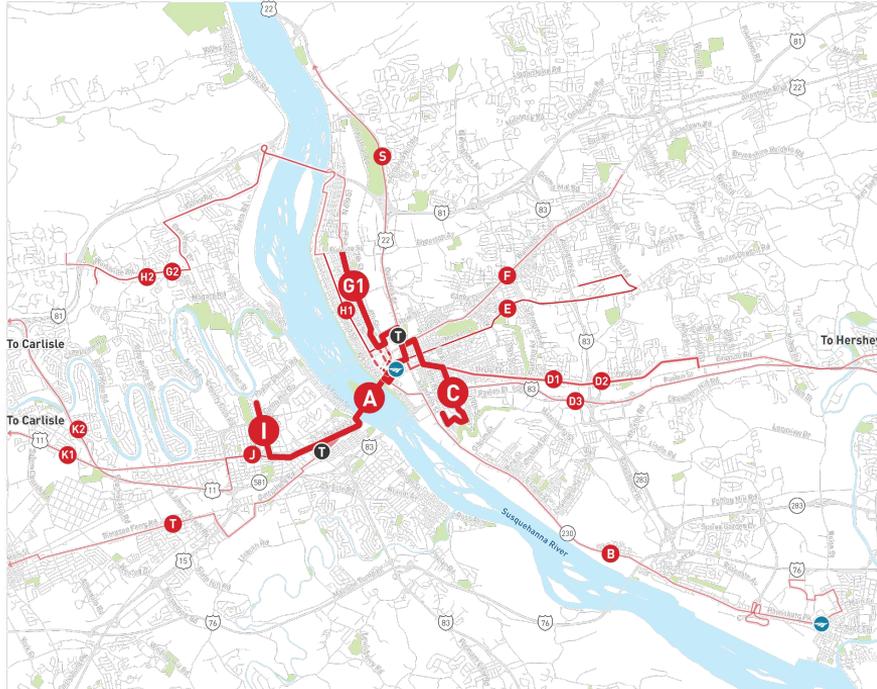
# Higher Benefit - Higher Metrics



# Higher Benefit - *Lower Metrics*



# Lower Benefit - Higher Metrics





# Conclusions

- There are corridors that are ranking high on both the public input scale and the metrics scale, and we will discuss these with stakeholders.
- There are corridors we will need to discuss because they differ in their metrics based ranking and public input ranking.
- We will have a map for each these to ultimately get to a short list

# Workshop Dates and Goals



# Workshop Proposed Dates

- Friday - September 12th or 26th
- Location: Virtual

# Workshop Goals

- Present public input and metrics results
  - Why corridors ranked the way they did
- Discussion and activities to decide as close as possible the final list of corridors that we can detail for the rest of the project.
  - 4 - 8 corridors combined (not from each area)
- Identify the partnerships needed to for implementation

Next Steps



# Next Steps

- Stakeholder Workshop
- Develop and detail shortlist of corridors