Exhibit L:

Vision Toward a Future Muscatine Drive

























Re-envisioning Mississippi Drive

"The Pearl of the Mississippi"

Muscat he, lowa's history of set tement and innovat bn is largely shaped by the Mississippi River, as riverfronts were the shipping and industrial birthplace of many cit iss. In 1887 a German immigrant came to Muscat ne with a guest to make but ons, and found that the freshwater mussel shells from the Mississippi River made for pearly and fashionable but ons. A bu on industry was born. Muscat he became home to the world's largest pearl bu on manufacturer, known as "Pearl Bu on Capital of the World." The legacy of the but on industry played an important part to the City's format on, along with early lumber and woodworking industries. The in uence of major industries at the turn of the century and the development of the railroad largely shaped Musca ne into what it is today, a walk through downtown and the close-in neighborhoods reveals the pride of Musca ne's past with beau ful Victorian buildings and homes. Today, Musca ne con nues to a ract new business including a new bou que hotel, soon to be developed along Mississippi Drive.

Drive and the riverfront as a multi-use public place, a golden opportunity for Musca ne to rede ne itself.

On October 31, 2014, sponsored by Wellmark and Healthways | Blue Zones Project, 30 enthusias c City sta, business and property owners, health prac oners, regional planners and resident leaders came together to begin to re-envision Mississippi Drive. Led by Dan Burden, na onal walkability expert, and Samantha Thomas of Blue Zones, LLC the group walked the corridor, re-imagining and iden fying together the opportuni es to transform Mississippi Drive into a street that honors and reconnects people and place. "It is me to take Muscat ine, which hasn't changed much in the last 25 years, and move it into the next genera on," proclaimed one par cipant.

There are opportunities for improvement. Today, Mississippi Drive is wider than necessary, has higher

Mississippi Drive, a state highway, runs through the heart of Musca ne dividing the downtown from one of the city's main pearls [assets]: the riverfront. Like many communi es across the U.S., the last sixty years

It is time to take Musca ne, which hasn't changed much in the last 25 years, and move it into the next generat bn"

- walking audit par cipant

of auto-centric transporta on planning have caused Musca ne to turn its backs on its riverfront. To add to the complexity, the railroad further divides Musca ne's downtown and riverfront. The good news: the state has funding to repair and rebuild Mississippi Drive per the community's vision, turning the ownership over to the City af er comple on. In addit on, the railroad will be raising their tracks a foot due to the river ooding pat erns, which will cause a signi cant grade change at the three railroad track crossings. The City has posi oned itself to leverage both of these changes as opportuni es to re-envision and transform Mississippi

speeds than posted, and is dominated by sprawling parking lots. It has four travel lanes and a h lane for turns; it is tasked to move only 12,000 vehicles per day. For perspec ve one travel lane uninterrupted can carry 18,000 vehicles a day. Mississippi Drive should undergo a 'road diet,' where travel lanes are removed and converted to on-street parking with a 'transi on' lane, sidewalks, and a landscaped median. Many 'aha' moments occurred during the walk, including new ways to re-imagine on-street parking with head-out, or reverse-in, angled parking. On-street parking frees up land that can be redeveloped with the proper uses to



support the community. In addi on, on-street parking belongs on center city streets, serving as a bu er between pedestrians and moving cars, a natural traf £ calming tool. But the primary reason for maximizing parking on street is to help civilize streets that were over~built for speed.

The railroad only allows three crossings points to access the river—two are open to all modes of transporta on at Cedar Street and lowa Avenue and the third at Sycamore Street is pedestrian/bike only. These are key intersec ons where new tools, such as roundabouts and raised intersec ons, should be applied to enhance the safety and eciently for all roadway users while op mizing public access to the riverfront.

Transforming Mississippi Drive will serve as a catalyst for economic development, community health, well-being, and overall livability. To further illustrate the street treatments and tools a photo-vision for Mississippi Drive was created. The following pages showcase theses ideas. The photo-vision is a conceptual image meant to be a star ng point, a tool to help the community cont hue the momentum and further build community engagement. Mississippi Drive is an immense canvas that now needs an engaged group of cizens to take part in the next stage of community visioning to collectively select the colors, tones and textures that will accent the history, beauty and charm of Muscatine. Every street transformation on takes an informed group of cizens to promote and protect a shared vision. As Sarah, a resident said:

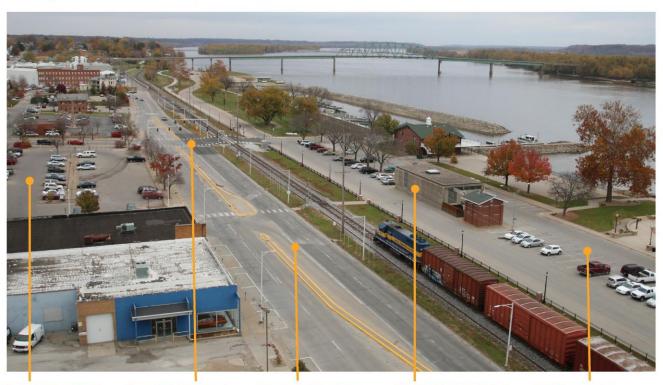
"As the process con nues, we need to think bold, think big; this is an opportunity for everyone—it will bene t all of Musca ne."

BLUE ZONES*

Existing Conditions Summary: Mississippi Drive

We have an opportunity to connect our downtown to our riverfront with Mississippi Drive. I'd like to see us shrink the lanes, add more on-street parking, and green space to make this corridor a key focal point and gathering place for the community.

- Gregg Mandsager, City Manager



NEED FOR ON-STREET PARKING

O -street parking takes up three mes more space than on-street parking. On-street parking visually narrows streets and brings down tra c speeds, while providing the most sustainable and a ordable parking.

NEED FOR SAFER, MORE EFFICIENT INTERSECTION TREATMENTS

Mississippi Drive and Cedar Street create an large and complex intersec on due to the mul ple turning movements, railroad crossing, and the long crossing distances—72 feet—for a person on foot.

STREET IS FAT, NEED FOR RIGHT-SIZED TRAVEL LANES

Mississippi Drive is overbuilt with too many travel lanes for the amount of vehicle tra c that exists today and in the future. The corridor lacks visual cues, such as: trees, bu ered sidewalks, bicycle lanes, and on-street parking, create higher design speeds than posted speeds.

NEED FOR A TERMINATING VISTA, AND TO OPTIMIZE PUBLIC ACCESS

Terminat hg vistas anchor dest haons and establish a sense of place within parks. The pump house is a blank canvas, and currently does not help de ne the riverfront as a dest ha on.

NEED TO GREEN THE RIVERFRONT AND SUPPORT ACTIVE TRANSPORTATION

Today, there is an overabundance of space dedicated to the automobile. Walking and biking are important parts of the transporta on mix—unimpeded by cars or parking lots, people are more at ease, and the full breadth of riverfront ac vity can ourish.

A Photo-Vision for Mississippi Drive: The conceptual photo-vision illustrates how new street treatments can be applied to transform Mississippi Driver into a corridor that honors the community's past, present and future.



Mississippi Drive goes on a 'road diet.' The street is narrowed from four travel lanes to two travel lanes. The addi onal space is used for on-street parking—parallel parking and head-out angled parking. Colorized 'transi on' lanes allow for people to park and un-park with ease, in addi on to proving a space for bicyclists. The roundabout at Cedar Street removes the major safety, capacity, noise, access and mobility challenges that presently exist. The intersec on at Cedar Street then becomes well-managed, improving the ow of tra c, while bringing all speeds under control. The roundabout will move 30% more tra c, with a 90% reduc on in personal injury crashes. Properly placed crosswalks are setback one car length from the circulang lanes. The roundabout's coral truck

apron accommodates oversized trucks, emergency vehicles and snow plows. The intersec on at Sycamore Street becomes a gateway that connects people to the riverfront with a raised intersect bn. The art sculpture and mural on the pump house draw people to the new greened riverwalk. Placemaking is improved through these beau ful intersec on designs, se ng the stage for new buildings and businesses that honor the street, downtown and river. Just as signi cant, xing these intersec ons and greening the street (landscaped median and street trees) will add great value to all land and enhance the economic vitality, walkability, and livability of the downtown.

Bene ts of Illustrated Street Treatments:

Road Diet: A road diet takes an overly wide road that has too many vehicle travel lanes to be safe and removes lanes. In this case, conver ng lanes into sidewalks, onstreet parking and a landscaped median. Road diets reduce crossing distances for people on foot improving safety and e ciency for all street users. In addi on, road diets increase and enhance business ac vity by reducing tra c speeds and crea ng place. Reducing tra c speeds helps motorists no ce the shops, eateries and businesses they're driving alongside. A more human-scale place a racts and accommodates people walking and bicycling, who tend to spend more money at local businesses than people driving do.

On-Street Parking: Head-out, or reversein, angled parking is the safest form of onstreet parking, while maximizing parking space. It o ers mul ple bene ts, including crea ng a sight line between the driver and other road users, such as bicyclists, when un-parking. Addi onally, for drivers with young children, seniors or others who need extra help, the open doors direct passengers to the safety of the sidewalk, not into tra c. Ge ng into a head-out angled parking spot is simple, especially with the 'transit on' lane—a driver signals their inten on, slows, pulls into the transi on lane past the spot and then backs into it, which is equivalent to making only the rst maneuver of parallel parking

Raised Intersec ons: A raised intersec on covers the entre intersec on. They can be expensive, due to their poten al to interrupt drainage. However, their are many advantages, including maintaining speeds to 15-20 mph 24 hours a day.