



DOWNTOWN LOOKING EAST



HERITAGE PARK LOOKING WEST

DALLAS CENTER MASTER PLAN

downtown streetscape + green corridor

Dallas Center, Iowa
March 24th, 2021



This plan, undertaken by ISG in 2021 was prepared exclusively for the City of Dallas Center.

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PROJECT OVERVIEW

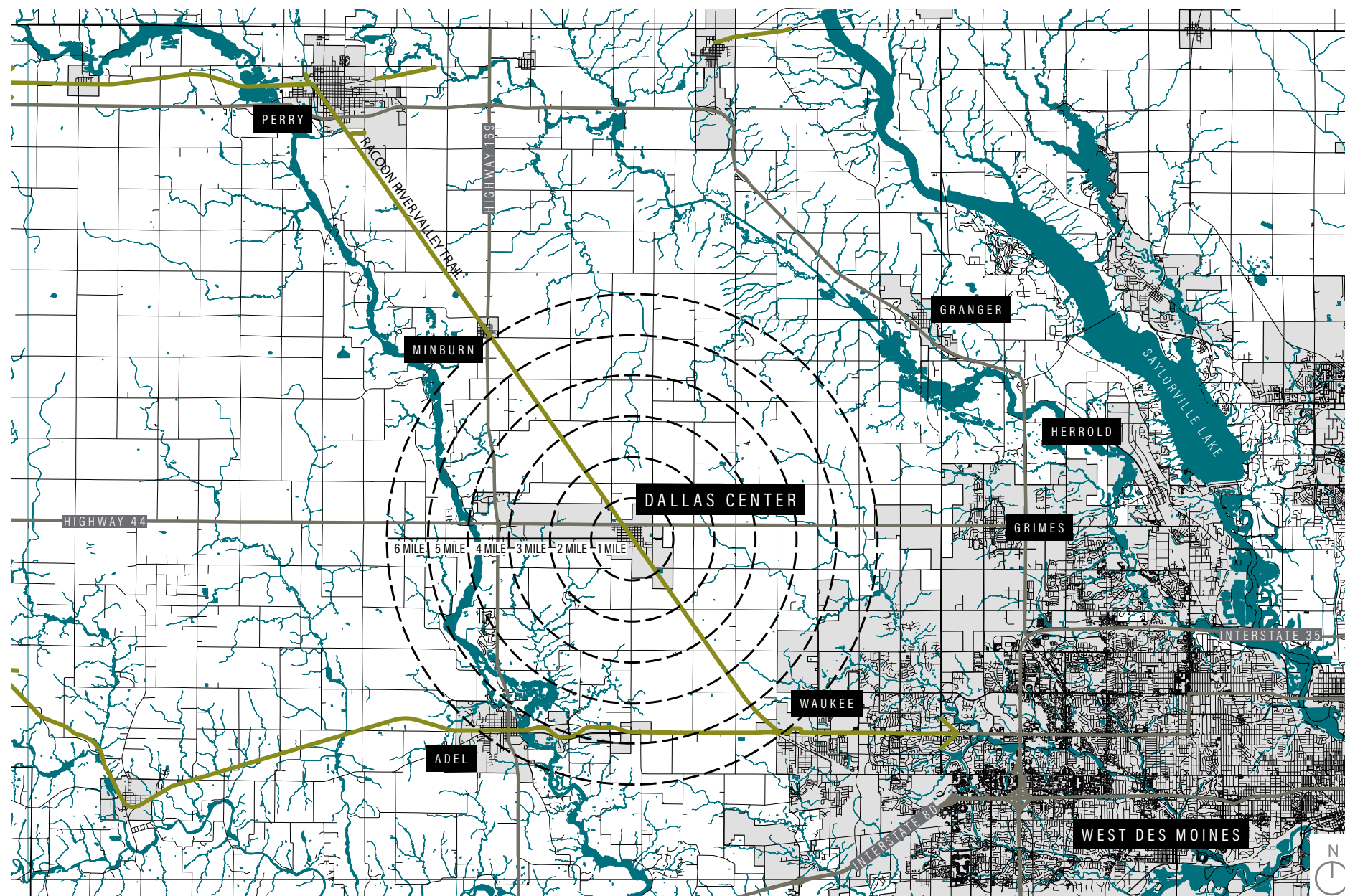
Dallas Center's Downtown Streetscape + Green Corridor Master Plan creates a community driven vision and guide for future improvements along Walnut Street and adjacent public amenities in Dallas Center, Iowa. Centrally located for approximately nine blocks, the Walnut Street corridor connects the central downtown core to many of Dallas Center's public parks, including Mound Park, Heritage Park, and Memorial Park, as well as the major regional trail system, Raccoon River Valley Trail.

The plan provides an understanding of existing conditions and design direction for improvements along the corridor in order to improve civic infrastructure, promote economic development/redevelopment, increase vitality of tourism in the area, and inspire greater connections throughout the community to this central corridor. This plan helps to establish priorities and phasing for public-sector improvements, while providing direction for potential private-sector improvements.

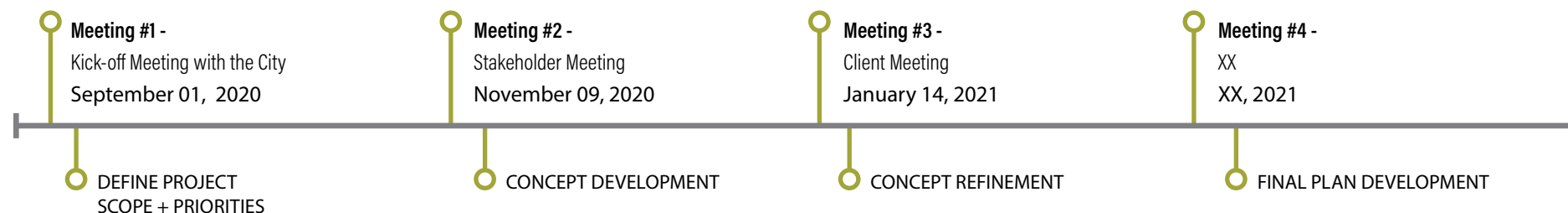
SPECIFIC GOALS + OBJECTIVES OF THE PLAN INCLUDE:

- Six (6) design phases to implement over the next 10 - 15 years that prioritizes phasing based on funding availability, public safety, and city needs
- Create enjoyable environments for a variety of users
- Generates a positive impact on the community
- Provide conceptual designs with realistic operations and maintenance considerations

REGIONAL CONTEXT | RACCOON RIVER VALLEY



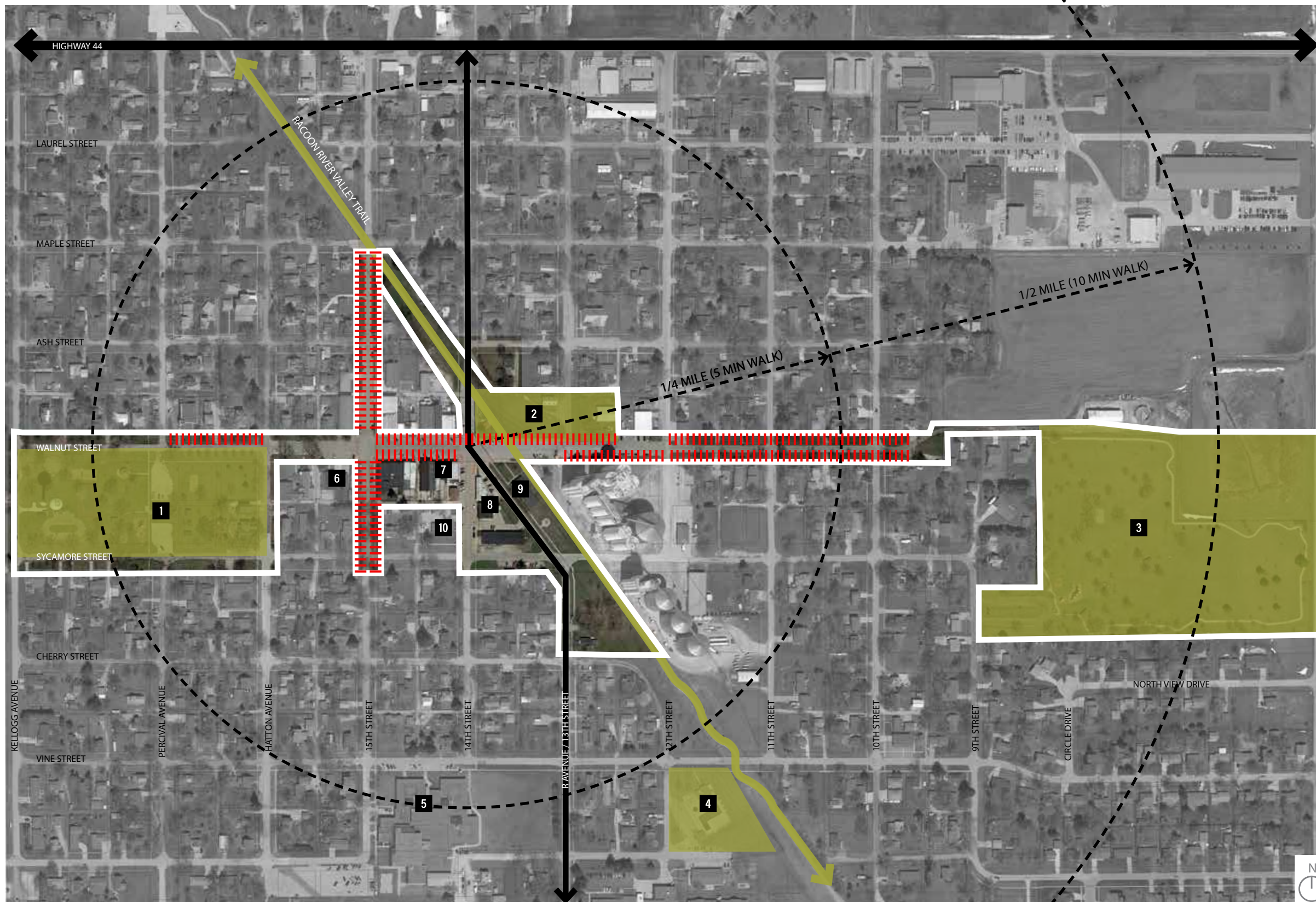
PROJECT TIMELINE



SITE ANALYSIS & UNDERSTANDING

project limits + existing conditions

Existing site photos?



DALLAS CENTER LANDMARKS

- 1 Mound Park
- 2 Heritage Park
- 3 Memorial Park
- 4 Dallas Center Pool
- 5 Dallas Center / Grimes Public School
- 6 Dallas Center City Hall
- 7 Dallas Center Police Department
- 8 US Postal Service
- 9 Roy R Estle Memorial Library
- 10 Dallas Center Medical Associates

LEGEND

- ↔ Major Road Thoroughfares
- Parks + Open Space
- 1/4 + 1/2 Mile Walk Radii from Walnut + 14th St Intersection
- ▨ Street Tree Opportunity
- Project Limits Boundary

SITE ANALYSIS

existing site photos



DOWNTOWN WALNUT ST STREETSCAPE

5-WAY INTERSECTION AT 14TH ST + WALNUT ST

DOWNTOWN ALLEYS

PARKS + GREENSPACE

COMMUNITY ENGAGEMENT

stakeholder input



PUBLIC PROCESS + COMMUNITY INVOLVEMENT

The Master Plan is a compilation of data gathered from a range of public and stakeholder engagement opportunities in order to identify current challenges and opportunities for improvement. On-site meetings were held with stakeholders, and community members were asked to participate in public surveys (survey results can be found on pages 5-7 of this master plan). The information gathered from these engagement sessions were integral to the design process to identify current and future needs, define alternatives, and prioritize phasing for improvements.



summer 2019

ISG's first visit to the City to learn more about the City of Dallas Center and the project

City of Dallas Center approves ISG proposal + contract

summer 2020

september 2020

ISG met with key stakeholders and held a walking meeting of the site to gather input and identify priorities

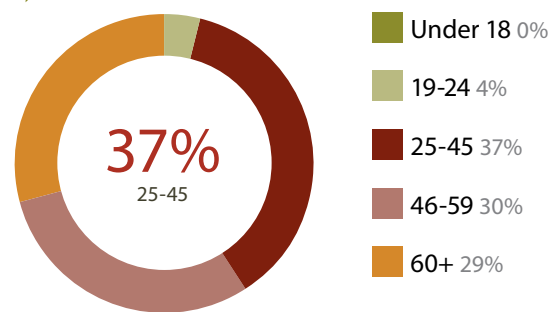
125 community members had completed the online survey monkey

december 2020

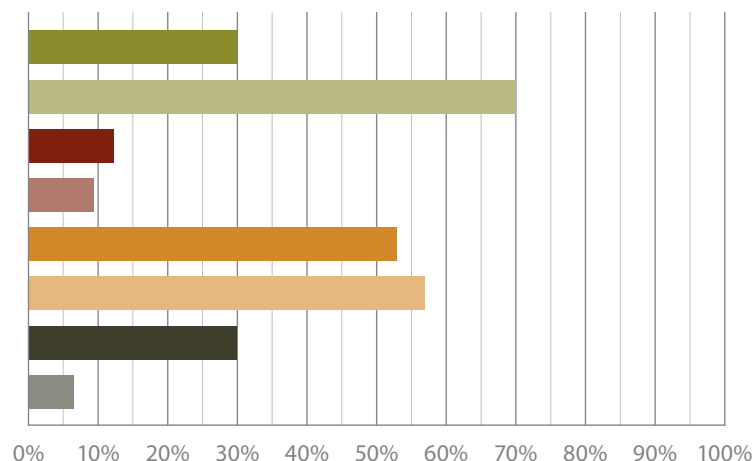
COMMUNITY ENGAGEMENT

online survey results

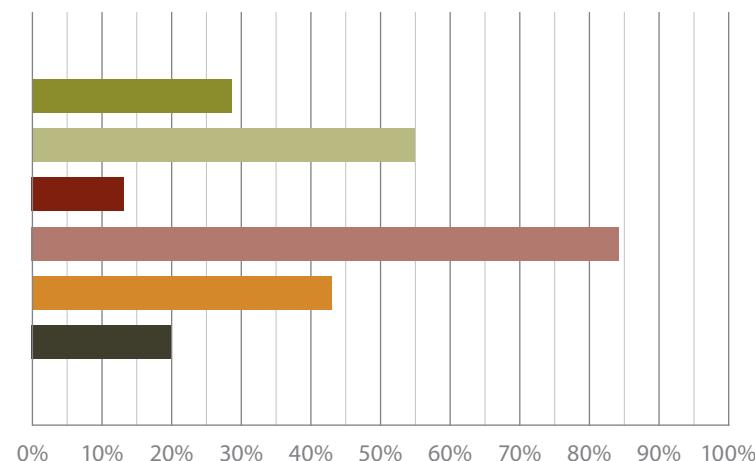
What is your age?



What is your relationship to Downtown Dallas Center?



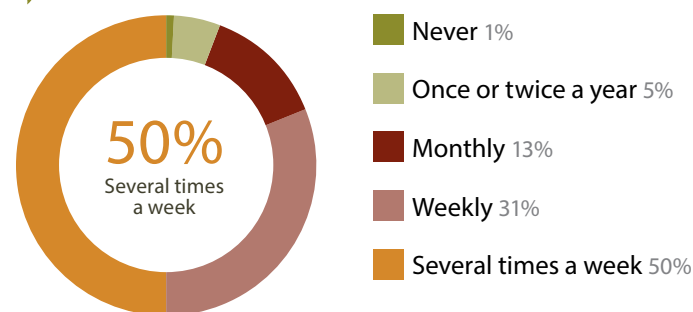
What types of businesses do you frequent in Downtown Dallas Center?



Where do you take family and friends when they visit from out of town?

- Bakers Pantry
- Handlebar
- Burnett Complex
- Breweries/wineries
- Farmers market
- Art Fest
- State Fair
- Valley Junction
- Shopping center
- Bowling
- Scenic drives
- Parks
- The Machine Shed
- Brenton Arboretum
- Grays Lake
- High Trestle Trail
- Ledges
- Maquakito State Park
- Waukee
- Hilltop
- Pella
- Perry
- Adel
- West Des Moines
- Grimes
- Minburn
- Granger
- Madrid

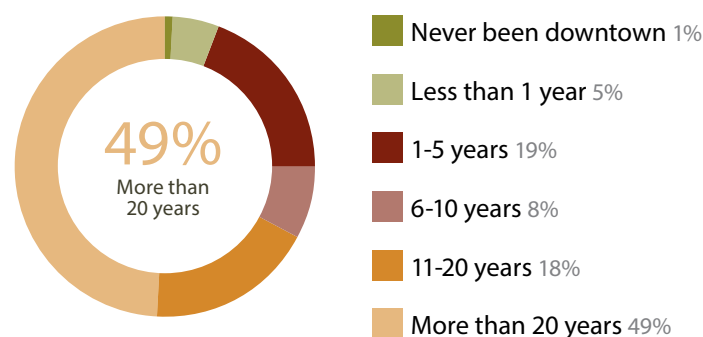
How frequently do you visit Downtown Dallas Center?



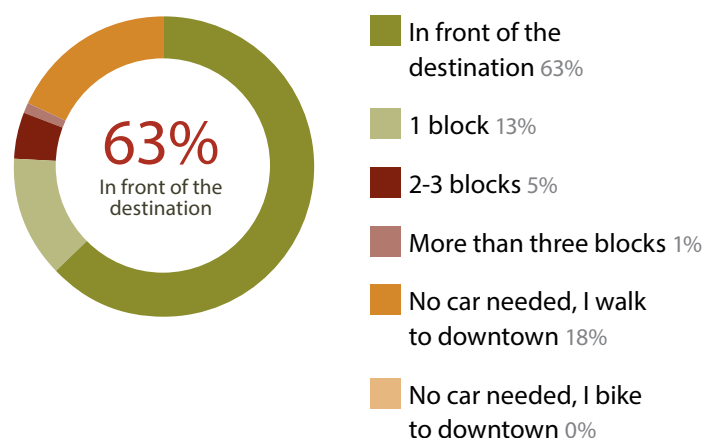
- I live in/near Downtown Dallas Center 30%
- I live in Dallas Center 70%
- I work in Downtown Dallas Center 12%
- I own a business in Downtown Dallas Center 9%
- I attend events in Downtown Dallas Center 53%
- I shop in Downtown Dallas Center 56%
- I play/recreate in Downtown Dallas Center 30%
- Other 6%

- Health Services 29%
- Specialty Retail 55%
- Home and Automotive 13%
- Restaurants 84%
- Bars 44%
- Other 20%

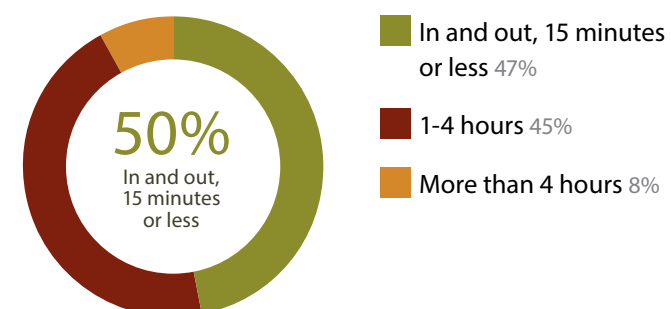
How long have you been going to Downtown Dallas Center?



When you visit Downtown Dallas Center, how far from your destination do you usually park your car?



On an average visit, how much time do you spend in Downtown Dallas Center?

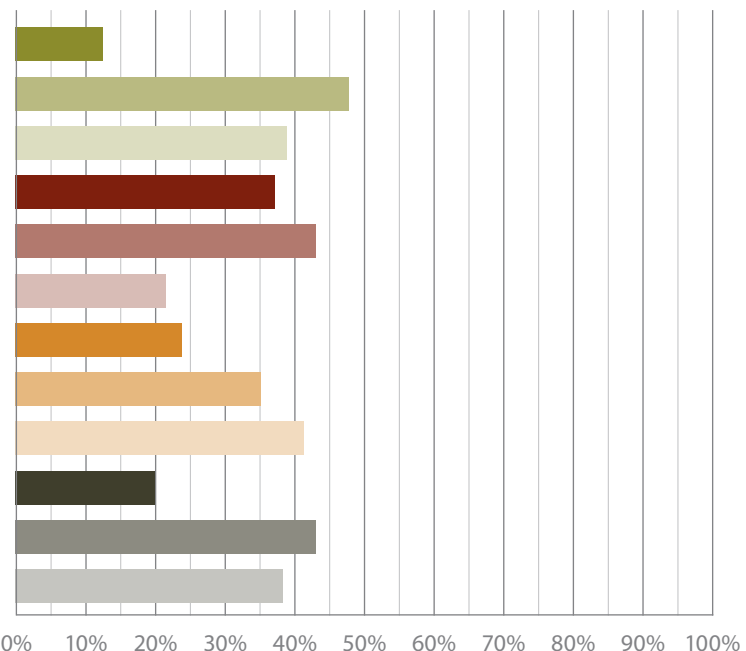


“The City has done a great job making the streets inviting. The south side business owners have done a fantastic job with their store fronts and marketable businesses.”

COMMUNITY ENGAGEMENT

online survey results

Does Downtown Dallas Center include activities and a welcoming environment for the following age groups?



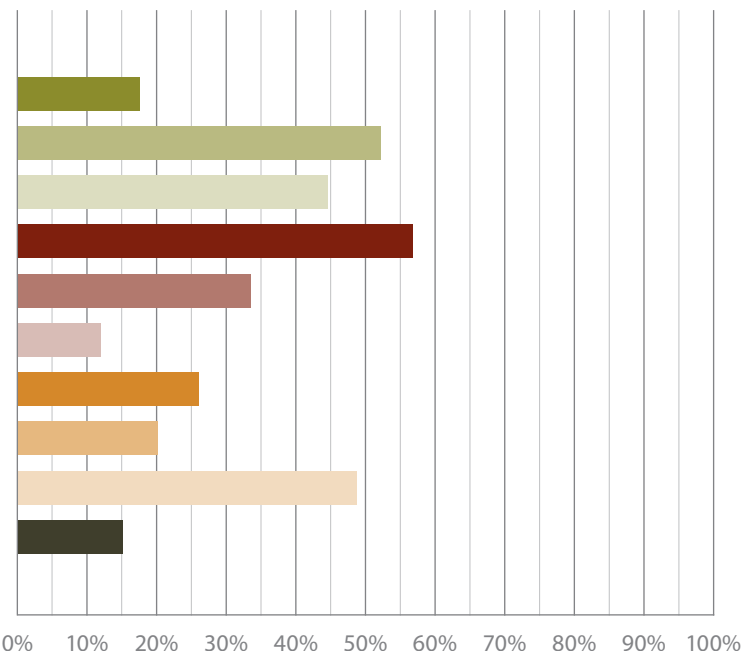
Ages 19-24
 Yes, plenty 12%
 No, not enough 48%
 Unsure 39%

Ages 25-45
 Yes, plenty 36%
 No, not enough 43%
 Unsure 21%

Ages 46-59
 Yes, plenty 24%
 No, not enough 35%
 Unsure 41%

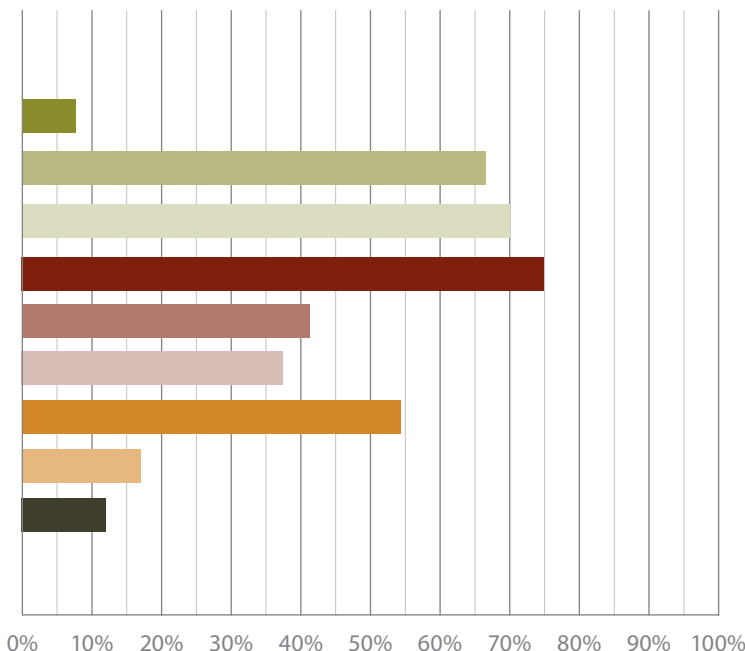
Ages 60+
 Yes, plenty 20%
 No, not enough 43%
 Unsure 38%

What types of amenities do you see in other places that you wish were in Downtown Dallas Center?



Bike and scooter rentals 17%
 Sidewalk cafes 52%
 Public art 44%
 More trees and plants 56%
 Public WiFi and phone charging stations 34%
 Little free libraries 11%
 Pet friendly businesses 26%
 Wayfinding signs and maps to local destinations 20%
 Benches, litter receptacles, and public bathrooms 49%
 Other 15%

What do you do for fun in Downtown Dallas Center?

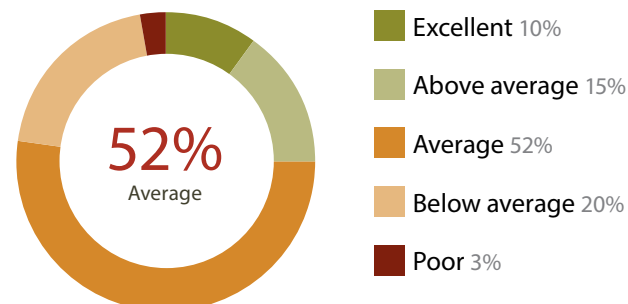


Sightseeing 7%
 Visit Parks 66%
 Attend Festivals 70%
 Restaurants 75%
 Bars 41%
 Shopping 38%
 Other Community Events 54%
 Other Entertainment 18%
 Other 13%

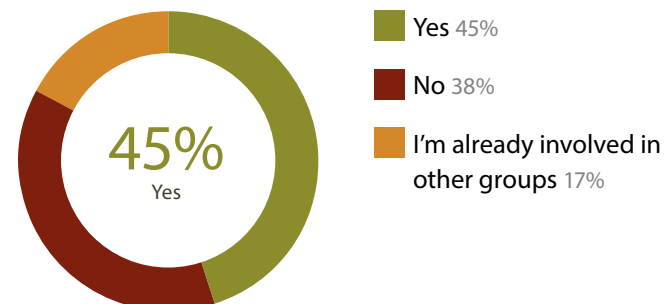
Rank your priorities for the future of Downtown.

- 1 More shopping
- 2 More businesses and jobs
- 3 More dining options
- 4 More entertainment
- 5 Preserve historical buildings
- 6 More parks and public spaces
- 7 More housing
- 8 Increased sidewalks and trail access
- 9 Safety

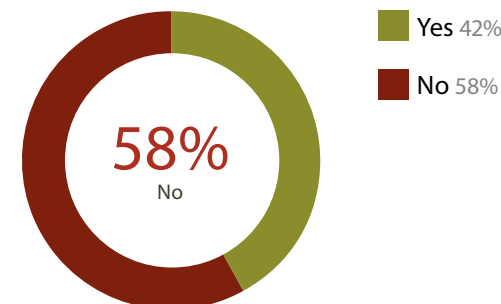
Rate your overall satisfaction with Downtown Dallas Center.



Are you willing to join groups or organizations to support Downtown?



Are you willing to donate time, money, and resources or skills to Downtown projects?



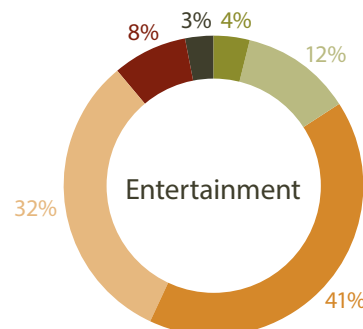
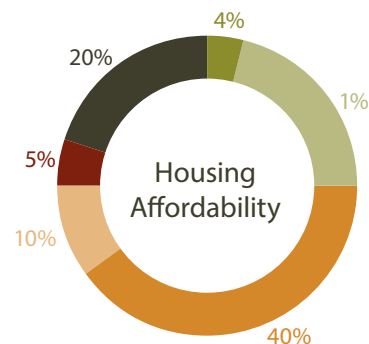
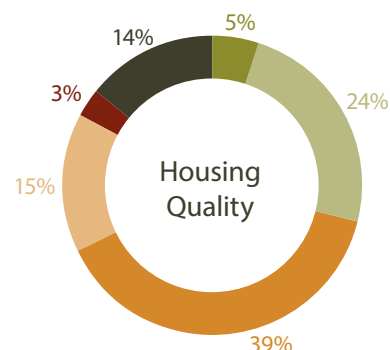
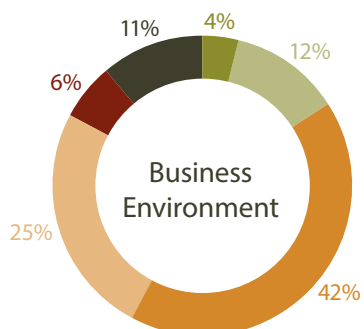
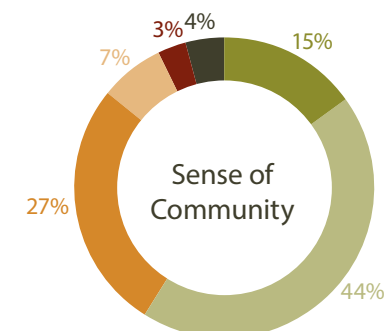
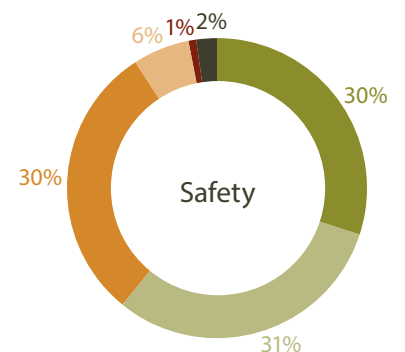
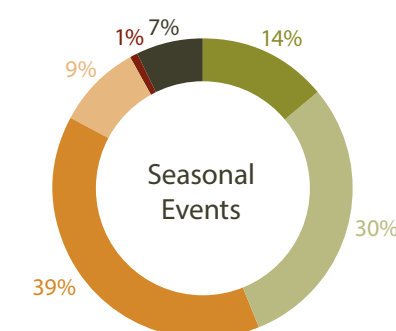
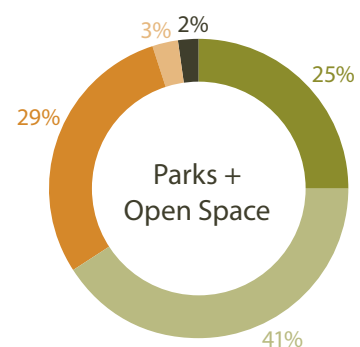
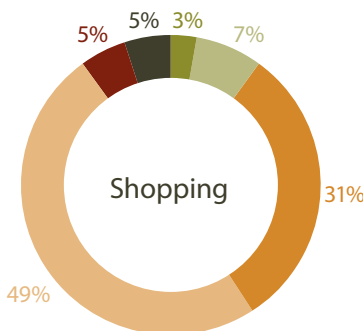
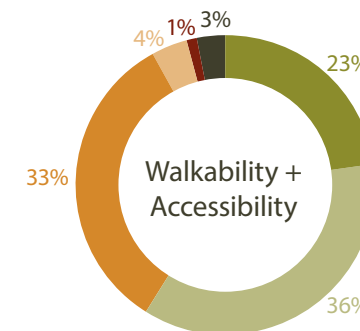
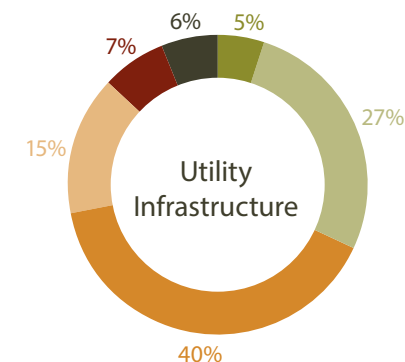
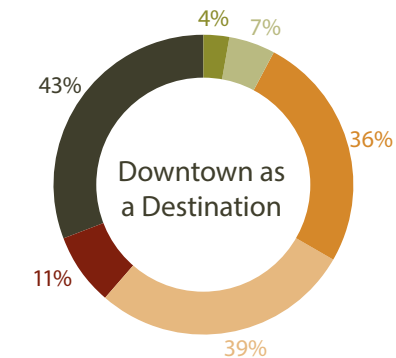
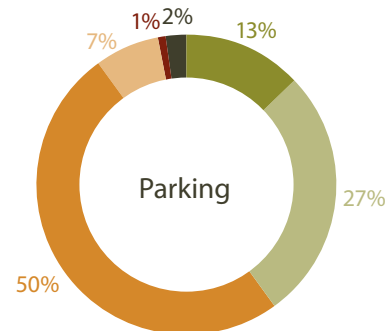
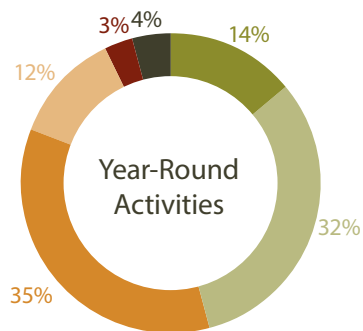
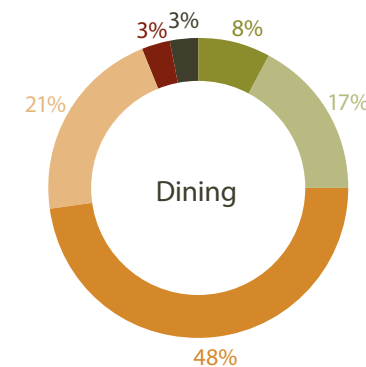
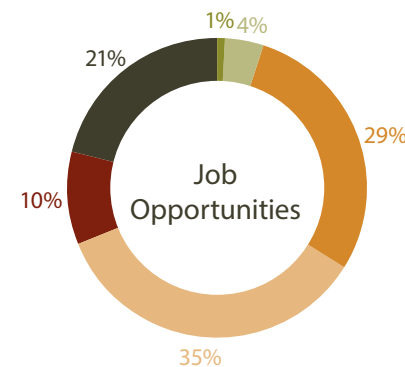
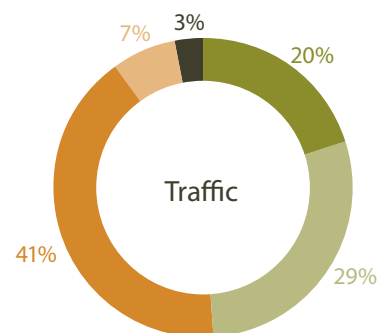
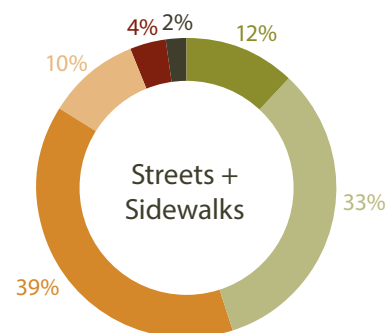
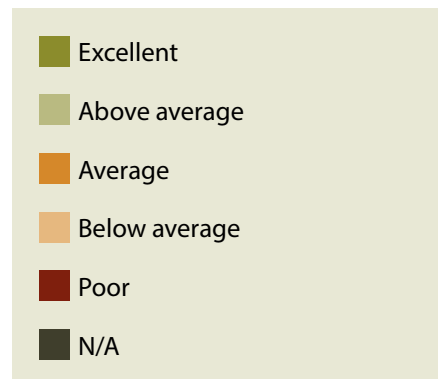
125
Total Survey Responses

“
Excited to see new business coming to DC! Love the coffee shop!
”

COMMUNITY ENGAGEMENT

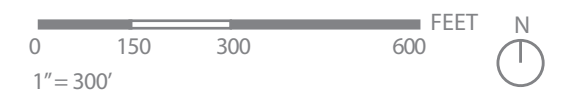
online survey results

Please rate your overall satisfaction with the following in Downtown Dallas Center.



“
The Seasonal Committee does a great job of keeping the town active and engaged.
”

“
I wish downtown were more attractive and better served bicycle riders, people visiting and living in Spurgeon Manor, swimmers, Casey’s and Dollar General customers, and families visiting the ball parks at the Burnett Recreation Complex.
”



WALNUT STREET PLAN

hatton avenue to 14th street



LEGEND

- 1** PEDESTRIAN CROSSING IMPROVEMENTS
 - roadway geometry changes to reduce crossing width and vehicular conflict points
 - highly visible crosswalk striping proposed
 - slows traffic by physically and visually narrowing roadway
 - improved ADA accessibility
- 2** DIAGONAL PARKING WITH PERMEABLE PAVERS
 - permeable street pavers are proposed downtown to provide a change of material visually drivers cues to a downtown environment and slows traffic, while also collecting, slowing, and filtering stormwater
- 3** TRAFFIC CIRCLE AT 5-WAY INTERSECTION
 - provides organized and continuous traffic flow
 - increase pedestrian safety at designated crossing areas
- 4** STREET TREE CANOPY
 - street tree planting pits provided at removal of hard surfacing
 - excavate down 4'-0" and replace with clean local topsoil
 - add new street trees throughout
- 5** LANDSCAPE / GREENSPACE
 - At-grade landscaping proposed in street tree planting pits and pedestrian crossing points to increase amount of pervious surfacing and soften the streetscape
- 6** GREEN ALLEYS & POCKET PARKS
 - permeable pavers are proposed for stormwater control
 - smaller scaled spaces provide both interesting corridors for pedestrian travel, and an opportunity for additional amenities such as overhead lighting or cafe seating
 - public art such as murals are proposed along long blank walls
- 7** PARKLET SPACE
 - small, temporary seating and gathering areas provide a space for users to experience the downtown environment during the warmer months in a flexible seating environment, while allowing for removal for maintenance during the winter months
- 8** OUTDOOR CAFE SEATING AREAS
 - Strategically located adjacent restaurants to provide variety for outdoor eating, while maintaining a clear walkway corridors along the streetscape
- 9** WAYFINDING SIGNAGE
 - A consistent and clear collection of wayfinding signage is proposed to help navigate visitors downtown, and to other amenities along Walnut Street, particularly from the bike trail
- 10** PUBLIC ART
 - provides vibrancy and an opportunity to showcase local talent
 - can often be incorporated into other amenities to reduce cost and increase functionality such as site furnishings and wayfinding
- 11** CITY HALL MEMORIAL PLAZA IMPROVEMENTS
 - Provide a design plaza space incorporating additional seating surrounding the recently relocated memorial

SITE FURNISHINGS

- A** Pedestrian Lighting
- D** Litter + Recycling Receptacles
- B** Benches
- E** Tree Planter Guards
- C** Bike Racks
- F** Cafe Tables + Chairs

DOWNTOWN STREETScape SECTION
• Section elevation shown on page 12



WALNUT STREET PLAN

racoon river valley trail + heritage park

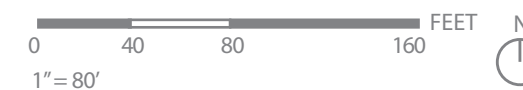


LEGEND

- 1** OUTDOOR PAVILION
 - multipurpose outdoor park pavilion to host events and serve as performance space
- 2** ICE RINK + WARMING HOUSE
 - junior olympic size
 - doubles as lawn games area in warm weather
 - fire pits, skate rental, seasonal lighting
- 3** GREAT LAWN
 - multipurpose amphitheater and sodded or synthetic lawn space
- 4** PEDESTRIAN DROP-OFF LOCATION
 - one-way drop off location to serve park amenities
- 5** TRAIL CROSSING IMPROVEMENTS
 - LED crosswalk signage
 - curb extensions
 - MUTCD striping
- 6** EXERCISE EQUIPMENT
 - located at trailhead for cyclists to work on upper body strength
- 7** PEDESTRIAN CROSSING IMPROVEMENTS
 - roadway geometry changes
 - crosswalk striping
 - traffic slowing
 - improved ADA accessibility
- 8** DIAGONAL PARKING
 - expand parking options to serve adjacent cycling trail
- 9** TRAFFIC CIRCLE AT 5-WAY INTERSECTION
 - organize traffic flow
 - increase pedestrian safety
- 10** TREE CANOPY IMPROVEMENTS
 - create outdoor room with tree allee canopy
 - street tree continuation of downtown
 - screening of residential adjacent park
- 11** PUBLIC ART
 - potential opportunity to create iconic scale murals on grain bins

SITE FURNISHINGS

- A** Pedestrian Lighting
- C** Bike Racks
- E** Tree Planter Guards
- B** Benches
- D** Litter + Recycling Receptacles
- F** Bike Repair Station





A 1

A 2

WALNUT STREET PLAN

bird's-eye view



1 PEDESTRIAN CROSSING IMPROVEMENTS

3 DIAGONAL PARKING WITH PERMEABLE PAVERS

6 STREET TREE CANOPY

7 CURB EXTENSIONS

9 BENCHES

2 TRAFFIC CIRCLE AT 5 - WAY INTERSECTION

4 LANDSCAPE / GREEN SPACE

8 PARKLET SPACE

10 STREET LIGHTING

11 TREE PITS



- 1 ICE RINK
- 2 WARMING HOUSE
- 3 OUTDOOR PAVILION
- 4 GREAT LAWN
- 5 STREET TREE CANOPY
- 6 TREE CANOPY IMPROVEMENTS
- 7 CURB EXTENSIONS
- 8 TRAFFIC CIRCLE AT 5 - WAY INTERSECTION
- 9 SEATING

PRECEDENT IMAGERY

streetscape elements | site furnishings



FORMS + SURFACES | CORDIA SERIES



Vista Chair, Column Table



KEYSTONE RIDGE | CARSON SERIES



Penn Table



Carson Litter Receptacle



Carson Bike Rack



ANOVA FURNISHINGS | EXPOSITION SERIES



Tandem Bike Rack



SEATING | TRASH + RECYCLING RECEPTACLES | BIKE RACKS

LAYERS OF LIGHTING

PRECEDENT IMAGERY

streetscape elements



MURALS



GREEN ALLEYS



MURALS



ROADWAY STORMWATER CAPTURE



SCULPTURE



PARKING LOT STORMWATER CAPTURE



PAVING

OUTDOOR CAFE SEATING

PUBLIC ART

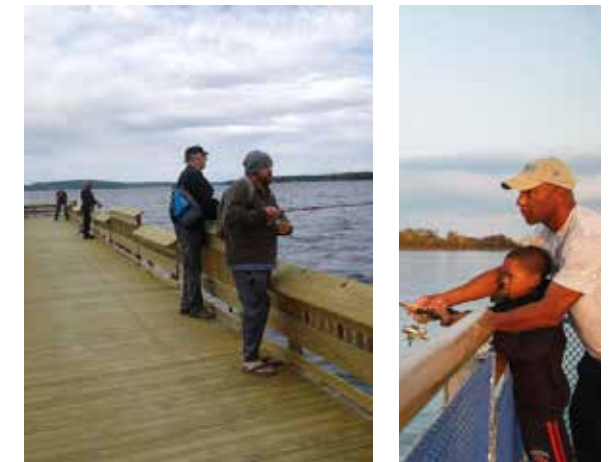
GREEN INFRASTRUCTURE

TRAFFIC CIRCLE

PRECEDENT IMAGERY

circulation + natural amenity elements

STREETSCAPE



TRAILS



WAYFINDING

BIKE TRAILS + PEDESTRIAN CIRCULATION

EXPANDED PARKING AND STORMWATER CAPUTE AREAS

NATURALIZED LOW MAINTENANCE AREAS

FISHING OVERLOOK / PIER

PRECEDENT IMAGERY

park elements



SPORT COURT
EXPANSION + RESURFACING

PLAYGROUND

NATURAL PLAYSCAPES

ICE RINK

OUTDOOR AMPHITHEATER

DALLAS CENTER MASTER PLAN

building typologies + facade improvements



DOWNTOWN BUILDING
FACADE IMPROVEMENTS

OUTDOOR PAVILION

WARMING HOUSE

TRAILSIDE SMALL BUSINESSES

COMMUNITY BUILDING

PRECEDENT IMAGERY

downtown corridor plant palette



MALUS 'SPRING SNOW'
SNOW CRABAPPLE

'Spring Snow' is a dense, upright, white-flowered crabapple that typically matures over time to 20-25' tall by 15-20' wide. This is a fruitless crabapple. Single, fragrant, white flowers bloom in spring.



CERCIS CANADENSIS
EASTERN REDBUD

A small to medium height tree, rosy pink flowers appear in April. Reddish-purple leaves change to dark green then yellow to form a spreading crown.



QUERCUS BICOLOR
SWAMP WHITE OAK

A striking tree with attractive peeling bark, especially on young trees. The lustrous, lobed leaves have a two-tone appearance, dark green on top with a silvery-white underside. Fall color is an orange-gold to yellow in mid-autumn. An excellent shade tree for any landscape.



GINKGO BILOBA 'AUTUMN GOLD'
AUTUMN GOLD GINKGO

Superb shade tree is a male non-fruiting selection. Unique fan-shaped foliage turns golden yellow in the fall. Slow growing with an upright branching form.



OSTRYA VIRGINIANA
IRONWOOD

A tough understory tree with beautiful birch-like leaves, grayish brown flaky bark, and attractive hop-like fruits. Resistant to many disease and insect problems.



ECHINACEA PURPUREA
PURPLE CONEFLOWER

Hardy, drought-tolerant, purple coneflower will provide color in the summer and structure to planting beds. Mixed with native grasses, the perennial flower will seed freely and seed heads will provide a sculptural form and food for gold finches and other birds in the winter. A variety 18-36" tall is suitable in this context.



RHUS AROMATICA
'GRO-LOW' SUMAC

This fragrant sumac cultivar is a dense, low-growing, rambling shrub which spreads by root suckers and typically grows only to 1-2' tall but spreads to 8' wide. Trifoliate, medium green leaves turn attractive shades of orange and red in autumn. Leaves and twigs are aromatic when bruised (hence the species name). Fruit is attractive to wildlife.



PHYSOCARPUS OPULIFOLIUS 'MONLO'
DIABLO NINEBARK

The stunning deep purple foliage of this versatile shrub makes it a standout in the garden. Plant en masse to create a richly colored, dense hedge or screen. Profuse creamy white flower clusters adorn the foliage in summer. Foliage can become green in high heat or partial shade; tolerates moderate drought in cooler summer regions. Deciduous.



PANICUM VIRGATUM 'SHENANDOAH'
SHENANDOAH SWITCH GRASS

Prized for its unmatched foliage color. Fast growing green leaves emerge with red tips in spring, darkening through summer, and turning burgundy in fall. Airy reddish-pink flowers in summer. Use for mass background plantings or in containers. Herbaceous perennial.



SPOROBOLUS HETEROLEPIS
PRAIRIE DROPSEED

A fine-textured grass for the landscape with tall, slender stalks that display airy, remarkably fragrant, late summer panicles. Dense, mounded foliage turns deep copper-gold in fall. Attractive accent, or easy care ground cover, if planted in mass. Long-lived and trouble free. Rarely self-seeds. Deciduous.



OVERSTORY TREES

Greater than 1,600 square feet of canopy at maturity, typically reach a diameter-at-breast- height in excess of 25 inches and a height in excess of 60 feet at maturity. The spacing requirement for planting is 40 feet on center between both existing and replacement trees.

- Baldcypress *Taxodium distichum* ‘Shawnee Brave’
- Catalpa, Northern * *Catalpa speciosa*
- Dawn Redwood *Metasequoia glyptostroboides* ‘Gold Rush’
- Elm, American/ Hybrid *Ulmus Americana/Ulmus* x ‘New Horizon’, ‘Accolade’
- Ginkgo (male only) *Ginkgo biloba* ‘Samurai’, ‘Saratoga’, ‘Shangri-la’
- Hackberry, Common *Celtis occidentalis* ‘Prairie Pride’, ‘Chicagoland’
- Hickory, Bitternut* *Carya cordiformis*
- Hickory, Mockernut * *Carya tomentosa*
- Hickory, Shagbark * *Carya ovata*
- Honeylocust *Gleditsia triacanthos inermis* ‘Northern Acclaim’, ‘Truershade’
- Horsechestnut ** *Aesculus hippocastanea* ‘Baumani’ (seedless)
- Kentucky Coffeetree ** *Gymnocladus dioicus* ‘PrairieTitan’, ‘Espresso’(seedless)
- Linden, Silver* *Tilia tomentosa* ‘Sterling’(Japanese beetle resistant)
- Locust, Black *Robinia psuedoacacia* ‘Chicago Blues’
- Maple, Freeman *** *Acer x freemanii* ‘Marmo’, ‘Firefall’ (seedless)
- Maple, Sugar *Acer saccharum* ‘Crescendo’, ‘Flax Mill Majesty’
- Oak, Black *Quercus velutina*
- Oak, Bur* *Quercus macrocarpa*
- Oak, MacDaniel’s *Quercus x macdanielli* ‘Heritage’
- Oak, Northern Red *Quercus rubra*
- Oak, Pin* *Quercus palustris*
- Oak, Swamp White *Quercus bicolor*
- Oak, White *Quercus alba*
- Sweetgum ** *Liquidambar styraciflua* ‘Rotundaloba’ (seedless)
- Sycamore *Platanus occidentalis*
- Tulip Tree *Liriodendron tulipifera* ‘Emerald City’
- Walnut, Black* *Juglans nigra*
- Zelkova, Japanese *Zelkova serrata* ‘Green Vase’, ‘Village Green’,

MID-CANOPY TREES

Approximately 900 square feet of canopy at maturity, typically reach a diameter-at-breast-height of 10-25 inches and a height of 30-60 feet at maturity. The spacing requirement for planting is 40 feet on center between both existing and replacement trees.

- Alder, Black *Alnus glutinosa* ‘Pyramidalis’, ‘Fastigiata’
- Alder, Manchurian *Alnus hirsute* ‘Prairie Horizon’
- Amur Corktree *Phellodendron amurense* ‘Eyestopper’, ‘His Majesty’,
- Beech, European* *Fagus sylvatica* ‘Cuprea’, ‘Asplenifolia’, ‘Riversii’
- Birch, River *Betula nigra* ‘Heritage’, ‘Dura-Heat’
- Birch, Yellow *Betula alleghaniensis*
- Black Gum/Tupelo *Nyssa sylvatica* ‘Snow Flurries’, ‘Wildfire’
- Buckeye * *Aesculus sylvatica* ‘Autumn Splendor’
- Buckeye, Red * *Aesculus pavia*
- Buckeye, Ohio* *Aesculus glabra* ‘Sunset’
- Butternut* *Juglans cinerea*
- Catalpa, Purple* *Catalpa x erubescens* ‘Purpurea’
- Elm, Lace Bark *Ulmus parvifolia* ‘Bosque’
- Hardy Rubber tree *Eucommia ulmoides*
- Hophornbeam, American/Ironwood *Ostrya virginiana*
- Hornbeam, European *Carpinus betulus* ‘Fastigiata’, ‘Frans Fontaine’
- Horsechestnut, Red * *Aesculus x carnea* ‘Ft. McNair’, ‘Autumn Splendor’
- Japanese Pagodatree *Sophora japonica* ‘Regent’, ‘Halka’
- Katsura tree *Cercidiphyllum japonicum* ‘Red Fox’
- Linden, American (+),* *Tilia americana*
- Linden, Crimean (+),* *Tilia x euchlora*
- Linden, Littleleaf (+),* *Tilia cordata* ‘Shamrock’, ‘Chancole’
- London Planetree *Platanus x acerifolia* ‘Exclamation’, ‘Ovation’
- Magnolia, Cucumbertree *Magnolia acuminata*
- Maple, Black *Acer nigrum*
- Maple, Miyabe *Acer miyabe* ‘State Street’
- Oak, Bebb *Quercus x bebbiana*
- Oak, Chinkapin *Quercus muehlenbergii*
- Oak, English* *Quercus robur* ‘Regal Prince’, ‘Skymaster’
- Oak, Hills/Northern Pin *Quercus ellipsoidal* ‘Majestic Skies’
- Oak, Sawtooth *Quercus acutissima*
- Oak, Scarlet *Quercus coccinea*
- Oak, Shingle *Quercus imbricaria*
- Oak, Ware’s *Quercus x warei* ‘Chimney Fire’, ‘Nadler’
- Turkish Filbert *Corylus colurna*
- Yellowwood, American *Cladrastis kentukea* ‘Perkins Pink’

UNDERSTORY TREES

Understory trees, approximately 400 square feet of canopy at maturity, typically reach a diameter-at-breast-height of less than 15 inches and a height of less than or equal to 30 feet at maturity. These trees are permitted only where site conditions do not allow the planting of overstory or mid-canopy trees.

- American Smoketree *Cotinus obovatus*
- Amur Maackia *Maackia amurensis* ‘Summertime’
- Bald Cypress ** *Taxodium distichum* ‘Skyward’
- Crabapple (misc. cultivars) *Malus* sp. 1/2 inch or smaller, non-pendulous
- Dogwood, Flowering* *Cornus florida*
- Dogwood, Corneliancherry *Cornus mas* ‘Golden Glory’ Dogwood, Kousa* *Cornus kousa*
- Dogwood, Pagoda* *Cornus alternifolia*
- Ginkgo ** *Ginkgo biloba* (male only) ‘Chi Chi’
- Goldenraintree *Koelreuteria paniculata* ‘Fastigiata’, ‘September’
- Hawthorn, Thornless Cocks spur *Crataegus crus-galli inermis*
- Hawthorn, Washington* *Crataegus phaenopyrum*
- Hawthorn, Winter King Green* *Crataegus viridis* ‘Winter King’
- Hoptree/Waferash* *Ptelea trifoliata*
- Hornbeam, American. (Musclewood) *Carpinus caroliniana* ‘J.N. Upright’, ‘Palisade’
- Lilac, Japanese Tree *Syringa reticulata* ssp. *reticulata* ‘Ivory Silk’, ‘Summer Snow’ Lilac, Peking (China Snow) *Syringa pekinensis*
- Linden, Mongolian (+),* *Tilia mongolica* ‘Harvest Gold’
- Magnolia, Edith Brogue *Magnolia grandiflora* ‘Edith Brogue’
- Magnolia, Sweetbay *Magnolia virginiana*
- Maple, Amur *Acer ginnala* ‘Flame’, ‘Ruby Slippers’
- Maple, Hedge *Acer campestre* ‘Panacek’, ‘Evelyn’
- Maple, Korean *Acer pseudosieboldianum*
- Maple, Shantung *Acer truncatum* ‘Norwegian Sunset’ Maple, Sugar ** *Acer saccharum* ‘Sugar Cone’
- Maple Tartarian *Acer tartaricum* ‘Summer Splendor’
- Maple, Trident *Acer buergeranum* ‘Aeryn’
- Redbud, Eastern *Cercis canadensis* ‘Rising Sun’
- Serviceberry *Amelanchier* sp. ‘Cumulus’, ‘Snowcloud’
- Seven Son Flower* *Heptacodium miconoides*
- White Fringetree* *Chionanthus virginicus*
- Zelkova, Japanese ** *Zelkova serrata* ‘Wireless’

COLUMNAR TREES

Canopy heights with columnar form can vary, but canopy width is typically 15-25 feet. Some of these cultivars may not be as hardy as the standard species.

- Bald Cypress *Taxodium distichum* 'Shawnee Brave', 'Skyward'
- Beech, European *Fagus sylvatica* 'Red Obelisk'
- Dawn Redwood *Metasequoia glyptostroboides*
- Crabapple *Malus* sp. 'Red Baron', 'Marilee', 'Pink spires'
- Crabapple, Siberian Columnar *Malus baccata* 'Columnari'
- Crabapple, Tschonoski *Malus tschonoskii*
- Ginkgo (male only) 'Princeton Sentry'
- Goldenrain tree *Koelreuteria paniculata* 'Fastigiata'
- Hackberry, Common *Celtis occidentalis* 'Prairie Sentinel'
- Honeylocust *Gleditsia triacanthos inermis* 'Street Keeper'
- Hornbeam, European *Carpinus betulus* 'Fastigiata'
- Linden, Littleleaf *Tilia cordata* 'Corinthian'
- Maple, Black *Acer nigrum* 'Green Column'
- Maple, Sugar *Acer saccharum* 'Endowment'
- Oak, Bur *Quercus macrocarpa* 'Urban Pinnacle'
- Oak, English *Quercus robur* 'Rose Hill', 'Regal Prince'
- Oak, English/White *Quercus bimundorum* 'Crimson Spire'
- Oak, Pin *Quercus palustris* 'Green Pillar'
- Oak, Ware's *Quercus x warei* 'Regal Prince', 'Chimney Fire'
- Sweetgum *Liquidambar styraciflua* 'Emerald Sentinel', 'Happidaze'
- Tulip Tree *Liriodendron tulipifera* 'Fastigiatum'
- Zelkova, Japanese *Zelkova serrata* 'Musashino'

EVERGREEN SCREENING TREES

This list is for use in buffer strips and on private property only. As a rule, evergreens require full sun and do not perform well in shade or partial shade.

- Arborvitae (White Cedar) *Thuja occidentalis* 'Nigra', 'Techny'
- Fir, Balsam *Abies balsamea*
- Fir, Concolor/White *Abies concolor*
- Fir, Douglas *Pseudotsuga menziesii*
- Fir, Fraser *Abies fraseri*
- Hemlock, Eastern *Tsuga canadensis*
- Pine, Limber *Pinus flexilis* 'Vanderwolf's Pyramid'
- Pine, White *Pinus strobus*
- Red cedar, Eastern *Juniperus virginiana* 'Canaertii'
- Spruce, Norway *Picea abies*
- Spruce, Serbian *Picea omorika*
- Spruce, White *Picea glauca* 'Densata'

PROHIBITED TREES

The following classes and types of trees shall not be planted on the right-of-way or as part of required landscaping. With the exception of Red Maple, it is recommended that any specific Genus/species listed below also not be planted on private property.

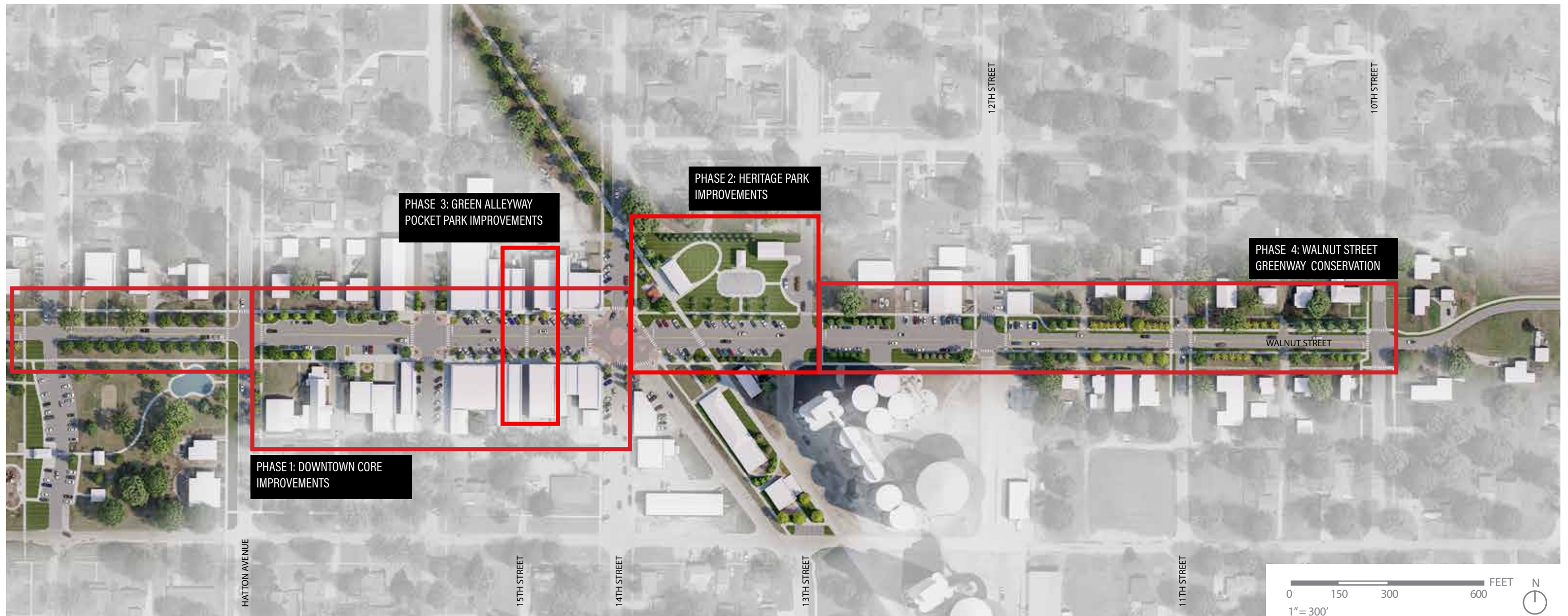
- Ash * *Fraxinus* sp. (All Species & Cultivars)
- Austree *Salix alba x matsudana*
- Birch, White/Paper * *Betula papyrifera*
- Boxelder * *Acer negundo*
- Conifers (Evergreen Species)
- Cottonwood * *Populus deltoides*
- Elm, Siberian * *Ulmus pumila*
- Empress Tree/Princess Tree * *Paulownia tomentosa*
- Fruit and Nut Trees over 1" (walnut, apple, etc.)
- Maple, Red * *Acer rubrum* (All Species & Cultivars)
- Maple, Silver * *Acer saccharinum* (All Species & Cultivars)
- Mountainash * *Sorbus americana*
- Mulberry * *Morus* sp. (All Species & Cultivars)
- Multi-Stem / Clump form Trees
- Pear * *Pyrus* sp. (All Species & Cultivars)
- Popular * *Populus* Sp. (All Species & Cultivars)
- Olive, Russian * *Elaeagnus angustifolia*
- Tree of Heaven * *Alainus altissima*
- Trees with thorns on the main stem or lower canopy
- Willow * *Salix* sp. (All Species & Cultivars)
- Woody Bushy shrubs

Planting of the following species is temporarily suspended in the public row. Contact the City Arborist for more information on the moratorium.

- Catalpa * *Catalpa* sp. (All Species & Cultivars)
- Linden * *Tilia* sp (All Species & Cultivars)
- Oak, Swamp Spanish * *Quercus Palustris*

MASTER PLAN PROJECT PHASES

suggested phasing plan



Phasing plans are based on feedback received from surveys and public engagement. Phasing plans can be adjusted accordingly to funding or shift in priorities.

PHASE 1 - DOWNTOWN CORE IMPROVEMENTS (2022 - 2024)

- Remove excess paving areas
- Add green infrastructure and soft spaces
- Develop thoughtful and cohesive site furnishings palette
- Improve wayfinding and directional signage
- Establish next generation tree and plantings palette
- Recommend facade and architectural visioning options
- Recommend mural and public art opportunities

PHASE 2 - HERITAGE PARK IMPROVEMENTS (2022 - 2024)

- Work to identify long-term partners for key project components
- Improve wayfinding and directional signage
- Establish trail head parking
- Add events pavilion
- Develop permanent ice rink and sport court space
- Implement bicycle parking and lockers
- Add a bicycle repair station
- Establish next generation tree and plantings palette

PHASE 3 - GREEN ALLEYWAY POCKET PARKS IMPROVEMENTS (2022 - 2024)

- Improve stormwater management with permeable pavers
- Add lighting
- Introduce seating and respite areas
- Provide café space
- Improve safety and visibility
- Establish next generation tree and plantings palette

PHASE 4 - WALNUT STREET GREENWAY CONSERVATION (2025 - 2027)

- Develop roadway diet from Mound Park to Memorial Park
- Add pedestrian connects
- Provide stormwater capture areas
- Add green infrastructure along roadway
- Maintain existing trees and plant materials
- Establish next generation tree and plantings palette