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**URBAN TRAILS COMMITTEE AGENDA
CITY HALL AUDITORIUM, 250 N 5th STREET**

WEDNESDAY, MARCH 22, 2023 - 5:30 PM

Call to Order/Announcements

Approval of Minutes

Action Items

1. [Pedestrian and Bicycle Final Plan](#)
 - i. Summary of changes from Draft to Final Plan
2. 2023 Infrastructure Priorities List

Discussion Items

1. CDBG List

Updates

Other Business/Public Comment

Adjournment

Notable Updates from the Draft Plan to the Final Plan

- Page 5 - Added reference to growth of LEVs.
- Page 7 – Changed Both a Pedestrian AND a Bicycle Plan subsection to have more inclusive language in related to people with mobility challenges and people walking, rolling, and biking.
- Page 12 - Added sentence to Community Engagement section stressing outreach to non-bikers: “Over 75% of survey respondents reported driving as their primary mode of transportation. Thus, community input reflects the input of both regular bicyclists and non-bicyclists.”
- Page 25 - Added paragraph with information on the Bike Boulevard and what that looks like for connectivity for the network: “Many of the new connections added are on local streets that will be designated as Bike Boulevards (see description of Bike Boulevards below). These connections will provide additional low-stress options for people biking and fill in key gaps in the network.”
- Page 29 - Added paragraph on Planning for Two-Way Traffic: “All bicycle facilities will accommodate both directions of travel. Most on-street facilities will be designed as one-way on each side of the street. Multiuse trails will also be on both sides of the street in most contexts to serve land uses on both sides of the street. Protected bike lanes and raised cycle tracks will also typically be designed as one-way on both sides of the street, but can be also be designed as two-way facilities. In these situations special design considerations will be needed at intersections and driveways, especially at signalized intersections. The NACTO Urban Bikeway Design Guide provides guidance on two-way cycle track design.”
- Page 30 - Highlighted the following statement to call more attention: “Recommendations shown are the minimum facilities needed to create a high-comfort environment for biking, given street characteristics. Facilities with greater separation and protection than the minimum option are desirable and sometimes warranted.”
- Page 31 - Added sentence on who is allowed on trails: “Trails will be designed to serve both pedestrians and bicyclists, including people on electric and non-electric mobility devices and electric bikes that meet city standards and obey the city speed limits.”
- Page 32 - Added sentence clarifying options for parallel routes: “Facilities will generally follow the routes on the Future Bicycle Map, but can also be located along a parallel street (generally within one block) if found to be more feasible during implementation.”
- Page 65 - Added language about importance of lighting within the sidewalk buffer zone.
- Page 67 - Added emphasis in Pedestrian Crossing Guidance section on designing for people with mobility challenges or with visual impairments.
- Page 75 – In the Street Furniture sub-section, added statement: “Along trails, amenities like shade, water fountains, seating, and ADA accessible restrooms support recreation and active transportation.”
- Page 91 - Added sentence explaining how new development could alter priorities: “Priorities may be amended in the future as land uses change and new growth occurs that may increase (or decrease) the priority for new connections.”
- Page 92 - Updated Figure 45 (Order in Which to Prioritize Sidewalk Projects) to make low priority missing sidewalks and high priority sidewalk retrofits equal priority.
- Page 119 - Reframed Local subsection of Funding Opportunities section:
 - Removed mill levy, vehicle registration, utility fees, and language about dedicated sales tax.
 - Added private foundations.
 - Added paragraph: “Community input received during this planning process indicated interest in a dedicated local funding source. Continued community involvement in the budgeting process can support establishment of this source.”
- Page 122 – Added a Glossary section.
- Objectives - Added two new objectives:

- Page 60 - S1: Conduct a signalization feasibility study as a first step to determine what improvements are needed at signalized crossings.
- Page 76 - S4: Conduct a lighting needs assessment for each active transportation corridor as a first step in identifying lighting needs for safety improvements.
- Map Updates:
 - Updated Horizon neighborhood Future Bicycle Network basemap to include Patterson Road.
 - Upgraded 24 Road/Redlands Pkwy project (bridge over US 50) to High Priority pedestrian and bicycle project.
 - Included missing 27 Rd/170 bridge link in the Active Transportation Corridor Map and Future Bicycle Network Map.
 - Removed conflicting bike lane recommendations along section of G Rd east of 26 Road in the Future Bicycle Network Map.

Location	ID	Description	Status
"Black Bridge" Gunnison Crossing	2016.01	Construct a bridge at or near the historical location of the "Black Bridge" to provide direct bicycle and pedestrian access between the Redlands and Orchard Mesa. This would provide a connection from Highway 50 to Rosevale Road, facilitating connectivity between the two neighborhoods and between Tabeguache Trails and Colorado National Monument specifically. This is in alignment with the 2035 Regional Transportation Plan.	Currently not in 10-year CIP. However, DOE/Incubator has also requested a bike/ped bridge.
Orchard Avenue - 1st Street to 30 Rd	2016.02	Install complete streets improvements along Orchard Avenue from 29 1/2 Road to 30 Road. Improve 1st through 7th Improve 12-28th Encourage County to Improve from 29 through Warrior Way	Mesa Cty currently under design of reconstruction of Orchard Ave from 29 1/2 Rd to 31 1/2 Rd.
Horizon/Independent Ranchman's Ditch	2016.03	Provide connectivity from Horizon Drive hotels to a trail following the Horizon Drive Channel down to 1st Street and Patterson where trail will connect and follow Independent Ranchman's Ditch to Mesa Mall. This should be accomplished through a combination of off-street trails, canal trails, appropriate bicycle/pedestrian crossings and bike lanes. Much of this network will be built as the remaining undeveloped parcels in the area subdivide and develop. (Includes Juniper Ridge Trail, for which ROW is secured by the Juniper Ridge Plat).	City currently working on design of portion from 24 1/2 Road to 25 1/2 Road. Construction budgeted for 2024.
Riverfront Trail Gap - 27 1/2 to 29 Rd	2016.06	Depending on timeframe and feasibility, it may be worth considering creating an alternate safe route on C 1/2 and 29 Road to fill the gap of the missing Colorado Riverfront Trail section. This would include bike lanes and signage on C 1/2 Road and a viaduct under 29 Road for the safe passage of pedestrians and bicycles on and off the Colorado Riverfront Trail.	Colorado Park and Wildlife working on design. Estimated 2024 construction.
South Camp Road	2016.08	Construct multimodal improvements along South Camp Road from Monument to S. Broadway. Complete missing sidewalk gaps and multimodal trail gaps.	City completed widening for bikes lanes in 2018 between S. Broadway and E. Dakota. Mesa County will complete from E. Dakota to Monument Road in spring of 2023. Remaining 657 feet of sidewalk necessary on east side at the Liberty Baptist Church. This section not currently in capital improvement program.
Crosby Avenue	2016.09	Construct complete streets improvements along Crosby Avenue from Base Rock Street (25 1/2 Road) to the east side of the Main Street Pedestrian Bridge. This includes the addition of bike lanes along Crosby, as well as curb ramps connecting the new bike lanes to the pedestrian bridge.	Construction in 2024.
North 7th Street	2016.11	Develop detached bicycle/pedestrian facilities on the west side of North 7th Street as an alternative to along the alley that borders Grand Junction High School and continue the CMU perimeter trail on east side of North 7th Street, with improved bicycle/pedestrian crossings.	26 1/2 Road from Horizon Drive to Summerhill Road is funded for 2025
D Road & 9th St. Bike Lanes	2016.12	Provide bike lanes on D Road between Riverside Parkway and 9th and on 9th between Las Colonias and Main St to facilitate connectivity from South of I-70 Business Loop to Downtown.	Will be incorporated into future street maintenance project
23rd/24th Street	2016.14	Provide Complete Streets improvements on 23rd Street from Gunnison Avenue to Orchard Avenue and on 24th Street from Gunnison to Belford and 23rd from Belford to Orchard). Provide bike lanes between Gunnison Avenue and Orchard Avenue.	Will require removal of parking lane. May not be warranted due to low volume, low speed road already. Additional signage as bike route suggested.
Main St - west of 1st St.	2016.16	Install various multi-modal upgrades along West Main Street from the Colorado Riverfront Trail to the east side of 1st Street. Improve access to the Colorado Riverfront Trail from Downtown utilizing wayfinding signage, improved crosswalks and intersection design, and a clearly marked bike lane if street width is sufficient. Utilize sharrow markings and signage on West Main Street from the Colorado Riverfront Trail to the Main Street Pedestrian Bridge because bike lanes cannot fit within the existing street width.	Wayfinding signage was installed in 2020. Will review sharrow installation 2023.
10th Street to CMU	2016.17	Provide a strong connection from CMU to Downtown using innovative techniques to emphasize the bike friendly corridor that might include improved intersection design, green colored pavement, signage, and lighting.	Wayfinding signage was installed in 2020 as well as curb extensions at Grand Ave. First green crossing on 10th and Grand. Project ongoing.
Monument Road Trail - Phase II	2016.18	PARTIALLY COMPLETED 2020 - Detached concrete path from Tabeguache Trails (Lunch Loops) to the S. Camp Rd path and beyond to the Colorado National Monument.	Wayfinding signage was installed in 2020 as well as curb extensions at Grand Ave. First green crossing on 10th and Grand. Project ongoing.
North Avenue	2017.01	Install Complete Streets improvements to provide continuous bike and pedestrian facilities along and crossing North Avenue from 23rd Street to 30 Road.	North Side from 28 1/2 Rd to 29 Road and South Side from 29 Road to 29 1/2 Rd budgeted for 2023. Submitted for Multi-Modal Options Fund (MMOF) through RTPO on 11/18/2022.
27 1/2 Rd (Orchard Mesa)	2017.02	Complete Street improvements to provide continuous bike and pedestrian facilities on 27 1/2 Road in Orchard Mesa from B 1/2 Road to Unaweep Avenue. This project also includes similar improvements to 27 1/2 Road from Unaweep Avenue to Cheyenne Drive/Eagle Rim Park.	27 1/2 Road has been included in the 10-year capital improvement program, however has not been prioritized for construction in the next five years.
30 Road - Patterson Road to F 1/2 Road	2018.02	Construct bike lanes along 30 Road from F 1/2 Road to Patterson Road.	TBA
Cyclist Sensors at Key Intersections	2018.04	Install Sensors for Cyclists at the following signalized intersections: 5th Street at North Avenue; Orchard Avenue at 1st Street; Independent Avenue at 1st Street; 25 1/2 Road at Patterson Road; 24 1/2 Road at Highway 6 & 50; 15th Street at Patterson Road; Bookcliff Avenue at 12th Street; Bookcliff Avenue at 7th Street; Main Street at 1st Street (repair); 23rd Street at North Avenue; 10th Street at North Avenue (south side); Gunnison & 7th, 12th & Elm, and Orchard Avenue at 29 1/2 Road. Add signage to identify as bike-friendly	Ongoing. Recommend UTC to split these up into their individual sub-projects.
West Independent Avenue	2018.5 / 2020.12	Construct complete street improvements along West Independent Avenue from 24 1/2 Road to Bogart Lane, including 24 1/2 Road to I-70 Business Loop, adding width to the paved road surface to allow for striping of on-street bike lanes. Widen shoulders along the west end of Independent Avenue from Splish Splash to Chic Filet.	Will incorporate into future street maintenance project
Orchard Mesa Irrigation District Canal Trails	2020.02	Construct bicycle/pedestrian trails on four sections where ditches have been or will be piped and buried, where Orchard Mesa Irrigation District has voiced support for these projects, such as B 1/2 road to Unaweep. Such trails would serve as assets to the Orchard Mesa multimodal network and may provide a positive model for trails along irrigation canals.	Need to secure rights-of-way.
3rd St and Grand Ave	2020.03	3rd Street and Grand Avenue protected median for North/South multimodal crossing. This may be reduced in priority if 4th Street and 5th Street become two-way streets with bike lanes.	4th-5th Street corridors will have separated bike lanes constructed in early 2023. Access across Grand will be at 4th (south bound) and 5th Street (north bound).
Highway 340 (Broadway) Bridges Over River and Railroad	2020.04	Carry out a lane diet on north side of the Highway 340 (Broadway) bridge (westbound lanes) and moving of concrete barrier resulting in a substantially wider bi-directional multiuse path. Also make chain-link fence more "friendly" and fix the gap beneath it.	Bike path widening proposed for 2023 for the river bridge.
Orchard Avenue and 28 Road Intersection	2020.05	Redesign and reconstruct intersection at Orchard Avenue and 28 Road to improve navigability for bicycles and pedestrians.	Construction for 2025.
Tour of the Moon National Scenic By-way	2020.07	Construct shoulders and install signage on all Tour of the Moon Byway rights-of-way under City of Grand Junction jurisdiction.	Completed South Camp Road Improvements in 2020 and S. Broadway east of Desert Hills Estates in 2018. Partial improvements, including uphill climbing lane and bike path extensions to be completed by spring 2023 near Tiara Rado. Project starts at Desert Hills Road and extends to Rado Drive.
H Road	2020.08	Install bike lanes along H Road from the Grand Junction Airport roundabout to 26 Road.	Bike lanes were installed as part of 2021 Overlays from 26 Road to 27 Road. Remaining work to install from GJ Airport roundabout to 27 Rd when future street maintenance project is completed.
Audubon Trail Asphalt Section	2020.09	Replace the damaged asphalt trail section of the Audubon Trail from Redlands Marketplace to the Connected Lakes (James M. Robb) Colorado State Park entrance.	This section is maintained by Mesa County who did extensive crack filling and patching in 2020. No additional improvements are currently proposed.
Dos Rios Bicycle/Pedestrian Bridge	2020.11	Construct bicycle/pedestrian bridge over railroad tracks, from Grand Junction Union Station to the Riverfront at Dos Rios.	Dos Rios currently under construction, this project will be proposed after more development has occurred.
F 1/2 Road and Cortland Avenue	2020.13	Create an E-W corridor along F 1/2 Road and Cortland Ave for complete streets. F 1/2 from 29 Road to 33 Road and along Cortland Avenue from 21 1/2 Road to 28 Road.	Cortland already as bike lanes between 27 1/2 Road to 28 Road. East of 28 Road to 29 Road will be constructed when Matchett Park is developed. East of 29 Road is completed to 29 1/2 Road. Street improvements required from 29 1/2 to Broken Spoke. Broken Spoke to 30 Road is complete. 30 Road to Lewis Wash will be constructed to a collector section in 2024. East of Lewis Wash is Mesa County.
South Rim Drive Intersection	2020.14	Redesign and redevelop the intersection of Redlands Parkway and South Rim Drive to improve multimodal accessibility.	Work is part of the 2022 Street Maintenance Overlay contract. Concrete is poured. Remaining work includes paving which will most likely be pushed to Spring 2023. Paving to include green markings, bike lanes, slight realignment of trail.
Broadway Trail	2020.15	Replace damaged asphalt trail section stemming from the Colorado Riverfront Trail from the Redlands Power Canal bridge up the hill to East Mayfield Drive.	Most of this trail is within Mesa County's jurisdiction. Mesa County did significant maintenance / crack fill in 2019 that has helped.
		Replace damaged asphalt at the trail section of South Camp Road Trail from Rimrock Road to Wingate Elementary.	Funding has been approved to work on replacement of asphalt sections of trails over next 3 years.
South Camp Road Trail	2020.16		
Riverfront Trail Connector - West Orchard Mesa Bridge	2020.17	Replace the damaged asphalt trail section on the Colorado Riverfront Trail Connector from the West Orchard Mesa Bicycle/Pedestrian Bridge to Eagle Rim Park.	Funding has been approved to work on replacement of asphalt sections of trails over next 5 years
Riverfront Trail Redlands Boat Ramp Asphalt Section	2020.18	Replace the damaged asphalt trail section of the Colorado Riverfront Trail from the Redlands Boat Ramp to Bananas Fun Park (2469 Riverside Parkway).	Funding has been approved to work on replacement of asphalt sections of trails over next 3 years.
Redlands Parkway Trail	2020.19	Replace the damaged asphalt trail section along Redlands Parkway from the roundabout at Highway 340 (Broadway) and Redlands Parkway to the Redlands Boat Ramp.	Funding has been approved to work on replacement of asphalt sections of trails over next 3 years. This section is slated for 2023 construction.
The Ridges Trail System	2020.20	Replace damaged asphalt trail sections along the entire trail system in The Ridges development and make a new trail connection from Duck Pond Park to Ridge Circle Drive.	Some work was completed along Ridges Blvd in 2020. Funding has been approved to work on replacement of asphalt sections of trails over next 3 years.
Riverside Bridge to Highway 340 (Broadway) Connection	2020.21	Create an improved connection from east end of Riverside bicycle/pedestrian bridge to the Highway 340 (Broadway) and Rice Street intersection. This could include construction of a bridge from the north end of the Riverside Bicycle-Pedestrian bridge (halfway down) connecting directly to the wide sidewalk on Highway 340 (Broadway).	Need more clarification on scope. Crosby Ave from Main Street to American Way currently under design with construction slated for late 2023 through 2024.
26 Road (1st Street)	2020.22	Install bike lanes along 26 Road (1st Street) from Patterson Road to I Road.	Bike lanes were installed to F 1/2 2018. 26 1/2 Road from Horizon to Summerhill Way is higher priority and funded.
N 5th Street adjacent to GJ High between North Ave and Orchard Ave*	2021.06	Traffic Calming and Striping with Multimodal Pavement Markings. (Would bulbouts be appropriate at Elm Ct and Tiger/Glenwood Ave crossings?)	Being reviewed as part of design of 4th-5th Street Improvements between North Ave and Ute Ave. 5th Street between North Ave and Orchard is proposed for inclusion in Active Transportation Corridor map.
25 Road (between G Road and Patterson)*	2021.14	Install shoulder and bike lanes along 25 Road between G Road and Patterson Road.	Partial improvements with the F 1/2 Parkway construction starting in 2024. Partial improvements include the stretch south of F 1/2 to Patterson which will be widened to full arterial complete with bike lanes and detached concrete paths.
Leach Creek Trail*	2021.15	Complete trail connections along Leach Creek, with emphasis on sections near 24 Road and G Road intersection.	Undercrossing of G Road south of Canyon View Park completed in 2022. Section between City will receive bids in late December 2022 for construction in 2023.
Separated Bike Lane - Horizon Drive*	2021.23	Install bollards, armadillos, or buffers on Horizon Drive, or another bike lane location where traffic is heavy and speed limit is 35 mph or greater. Construct Buffered bike lane on Horizon Drive from N 12th to 27.5 Road. Improve separation along Horizon Drive from 27.5 and northwards where feasible.	Will review request in 2023. Bollards are challenging due to need for snow removal and street cleaning. Will include narrowing of drive lanes to 11 feet to provide buffer.
St Mary's Hospital and Community Hospital*	2021.25	Conduct a walk and ride audit for both hospitals and make improvements where possible.	TBA
15th Street & North Interconnect*	2021.32	Improve connectivity of 15th Street Bike path at terminus on North Ave - either to 10th street bike corridor, across through Lincoln Park, down 12th street, or evaluate other ways.	TBA
12th Street from North to Gunnison*	2021.33	Improve facilities between 12th & North to 12th & Gunnison. Southbound, traffic can be tapered from 2-lanes after North Ave to enable / create sharrow or bike lane to connect Maroon Route on 12th to Bike lane from Gunnison and 12th. Northbound, evaluate options using wide sidewalk or Lincoln Park property to improve this connection.	Northbound sidewalk was improved on east side when Stocker Stadium was reconstructed in Spring 2022. Additional roadway width necessary to enable a bike lane south of North Ave.
G Road (between 24 Road and 26 Road)*	2022.01	Install shoulder on southern side of G Road to accommodate eastbound bike lane. (Westbound shoulder already exists but needs widening and improvement).	G Road will be constructed to a full urban collector between 23 1/2 and 24 1/2 Road in 2023. 24 1/2 Road to the 26 Road been included in the City's capital improvement program however not in the next 5 years.
Connections across Tracks between 9th and 29th to RFT*	2022.02	Between 9th street and 29 Road there are no ways to access the Riverfront trail due to the train ROW. Evaluate facilities on 29 Rd for areas of improvement or identify opportunities for pedestrian/cyclist crossings across the train tracks to make access to the RFT easier for neighborhoods in the middle of this area.	TBA
Desert Hills / Escondido Connection*	2022.03	Construct a multi-use path of approximately 1,200ft connecting Escondido Drive to Desert Hills Road as an alternative to South Broadway. This would require a small amount of additional easement or ROW to connect the existing undeveloped ROW segments.	Not currently prioritized in capital improvement program.
Eastbound 340 Bridge over Colorado	2022.04	When Bridge is reconstructed, add a 10 foot minimum multimodal path across Colorado river to connect Monument Trail and Riverfront Trails	CDOT does not currently have this bridge identified for replacement.
28 3/4 Rd - Nisely Elementary to North Ave	2022.05	Connect Nisely Elementary School south to North Ave with sidewalks and bike lanes. Sidewalks end about 2 blocks north of North and start again near the school. There is heavy ped traffic along this road. There are disconnected sidewalk gaps. (Possible SRTS project for future consideration in 2023?)	Sidewalks were constructed on east side from Elm to Mesa in 2017. Mesa to Orchard (580 feet) and Elm to 514 28 1/2 Road (510 feet) are needed to complete the east side. Possible SRTS projects.
Wayfinding Installation	2022.06	Complete installation of thermoplastic markings of bike routes. (Blue, Red, Pink, Maroon?). 4/8 were not marked in 2021.	Awaiting scoping.
Striping Improvements	2022.07	Add Striping to Grand Ave from 1st to 28 Road	Width not adequate for 5 lanes and bike lanes along Grand Ave between 1st and 7th Street. East of 7th Street, one side of on-street parking would have to be removed in order to create room for bike lanes each direction.
Gunnison to Walmart connection	2022.08	Plan for an off road or on road connection from Gunnison/Grand & 28th to 29 Road / Walmart, which will give access to land locked trailer homes and to the grocery store.	Gunnison currently connects to Harris Road and provides access North Ave to Walmart. Further extension to Melody Lane will occur once 2872 I-70B redevelop. Need to add Gunnison Ave to Active Transportation Corridors Map.
Monument Road Trail - Curve Adjustment	2022.09	Reconstruct nonconforming curves on the Monument Connector Trail that create hazardous conditions after the last culvert heading uphill. Skid marks on the asphalt and observed cyclist behavior show that the alignment of the three S-curves with turning radiuses are not performing as intended.	Current design was specifically suggested by COPMOBA to help keep downhill speeds in check.
US-50 Orchard Mesa	2023.01	Construct 10' wide off-road multiuse paths on both sides of US 50 in Orchard Mesa from Grand Mesa ave through city limits or to 29 Rd.	
28 1/2 Rd.	2023.02	Develop a continuous N/S Corridor connecting to Matchett Park, with intersection improvements at Patterson Rd, Orchard Ave, North Ave, and Gunnison Ave.	
Indian Wash Trail	2023.03	Develop an off-road trail along the Indian Wash corridor to Matchett Park.	
Riverside Dip S of Ice Arena	2023.04	Rebuild trail to mitigate flooding.	
FUNDED PROJECTS (Do Not Rank!)			
I-70B and 1st St	2018.1	Provide improved bicycle and pedestrian facilities at and around the intersection of the I-70 Business Loop and 1st Street. Create a connection from the detached path that ends near the north end of Mulberry Street to the 1st Street corridor. Also improve the bicycle and pedestrian facilities along and crossing 1st Street between Grand Avenue and Pitkin Avenue.	Completed as of Spring 2022
Main St - 1st to 8th St.	2018.3	Utilize sharrow markings and signage along Main Street from 1st Street to 8th Street to improve the on-street bicycle facilities and reduce bicycles using the sidewalks, which is prohibited on this section of Main.	Completed November 2022.