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File 1993-0077

Name: Multi-Modal Transportation Study and Plan

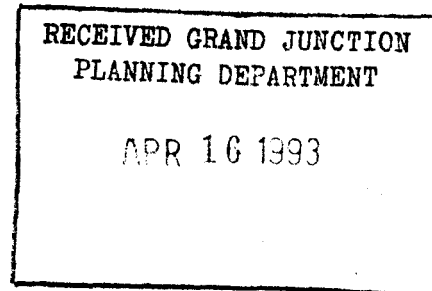
P r e s e n t	S c a n n e d	<p>A few items are denoted with an asterisk (*), which means they are to be scanned for permanent record on the ISYS retrieval system. In some instances, items are found on the list but are not present in the scanned electronic development file because they are already scanned elsewhere on the system. These scanned documents are denoted with (**) and will be found on the ISYS query system in their designated categories.</p> <p>Documents specific to certain files, not found in the standard checklist materials, are listed at the bottom of the page. Remaining items, (not selected for scanning), will be listed and marked present. This index can serve as a quick guide for the contents of each file.</p>
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X	X	Table of Contents
		*Review Sheet Summary
		*Application form
		Review Sheets
		Receipts for fees paid for anything
		*Submittal checklist
		*General project report
		Reduced copy of final plans or drawings
		Reduction of assessor's map.
		Evidence of title, deeds, easements
		*Mailing list to adjacent property owners
		Public notice cards
		Record of certified mail
		Legal description
		Appraisal of raw land
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		Other bound or non-bound reports
		Traffic studies
		*Review Comments
		*Petitioner's response to comments
X	X	*Staff Reports
		*Planning Commission staff report and exhibits
		*City Council staff report and exhibits
		*Summary sheet of final conditions

DOCUMENT DESCRIPTION:

X	X	Correspondence	X		Multi - Modal Transportation Study - A Master Bicycle/Pedestrian Plan for the Grand Valley - (Task C-1 Unified Planning Work Program) Metropolitan Planning Organization
		Preliminary Suggestions for Multi-modal needs Analysis from Bicycle Committee	X	X	Resolution No. 46-93 - **
X	X	Citizens Advisory Committee			
X	X	City Council Minutes/Agenda - 6/14/93, 7/21/93 - **			
X	X	Planning Commission Minutes/Agenda - 7/6/93 - **			
X	X	Plan Proposes Valley Wide System of Pedestrian, Bicycle and other Transportation Improvements			
X	X	Multi-Modal Plan - Section Five			
X	X	Multi-Modal Study and Plan			
X	X	Pedestrian - Bicycle Counts			
X	X	Multi-Modal Plan			

April 15, 1993



Mr. Bennett Boeschenstein
City of Grand Junction
250 N. 5th Street
Grand Junction, CO 81501

Re: Bicycle paths

Dear Sir:

My husband and I strongly support the development of bike paths throughout the city. Many cities have done this a long time ago; for example, Fort Collins. I would prefer to ride my bike to work at Mesa State College rather than worry about parking but the amount of traffic on the streets during rush hour makes it impossible.

I feel many people would choose this method of transportation if it were safe. Parking is a problem in many areas. Pollution from automobiles continues to worsen. The public image of the community could be improved as a community that cares about people and provides safe recreation opportunities.

Sincerely,

Muriel + Alvin Myers
Muriel and Alvin Myers

589 Grand Cascade Way

**PRELIMINARY SUGGESTIONS FOR MULTI-MODAL NEEDS ANALYSIS
FROM BICYCLE COMMITTEE**

1. Improvement of West Main tunnel to connect downtown to River Trail
2. Bike paths included in upcoming Viaduct improvements (Redlands Bridge and 5th Street)
3. Pedestrian access (light?) at Railroad Depot, Pitkin & First to make link to Downtown
4. Bike access on Fifth Street Bridge and trail along Hwy. 50 to Unaweeep (at least)
5. Bridge from Orchard Mesa Middle School area to Watson Island area
6. Bicycle Link from Watson Island area to Riverside and River Trail

CITIZEN'S ADVISORY COMMITTEE

MULTI MODAL TRANSPORTATION STUDY
Citizens Advisory Committee

1. Steve Ingliss
Chairman, Bicycle Ad Hoc
Committee
c/o Cycle Center
141 North 7th Street
Grand Junction, CO 81501
242-2541
2. William Ela, Chairman, c/o
Stephanie Schmidt
Mesa County/Grand Junction
Riverfront Commission
319 Colorado Ave.
Grand Junction, CO 81501
241-4881
3. Scott Brown
1405 Wellington
Grand Junction, CO 81501
243-0251
4. Linda Marsh
Mesability Inc.
518 28 Road
Grand Junction, CO
245-2626
5. Conrad Cole
Mesa National Bank
6th and Rood
Grand Junction, CO 81501
242-5211
6. Neil Bradford
Crossroads to Health and
Fitness
2768 Compass Drive
Grand Junction, CO 81506
242-8746

7. Kathy Carlson (parent), Tim
Mills (principal)
Redlands Middle School
Pathway Committee
Redlands Middle School
Grand Junction, CO 81503

8. Jan Henwood
School District 51
2115 Grand Ave.
Grand Junction, CO 81501
245-2420

TECHNICAL STAFF

1. Joe Crocker, Bennett
Boeschenstein
Metropolitan Planning
Organization
Mesa County Division of
Engineering, Design,
Traffic and Land Records

750 Main Street
Grand Junction, CO 81501
P.O. Box 20,000
Grand Junction, CO 81502-5013
244-1815
2. Mike Joyce, Keith Fife, Matt
Osborn
Mesa County Planning Division
750 Main Street
Grand Junction, CO 81501
244-1630
3. Kathy Fortner, Ann Barrett
City of Grand Junction Community Development
250 North 5th Street
Grand Junction, CO 81501
244-1430
4. City of Grand Junction Public Works Department
250 North 5th Street
Grand Junction, CO 81501
244-1554
242-8746

Members of Multi-Modal Committee
who are here tonight:

Steve Ingliss, Chairman Nativ Bicycle Committee
~~Prot.~~ Mr. & Mrs. Bill Putnam
Kurt Mill, State Parks
Linda Marsh, Resability
Kathy Carlson, Redlands Middle School



Grand Junction Community Development Department
Planning • Zoning • Code Enforcement
250 North Fifth Street
Grand Junction, Colorado 81501-2668
(303) 244-1430 FAX (303) 244-1599

MEMORANDUM

TO: Planning Commission
FROM: Dave Thornton, Senior Planner *DT*
DATE: 28 June 1993
SUBJECT: Multi-modal Study/Plan

Accompanying this memo is a draft copy of the Metropolitan Planning Organization's proposed Multi-modal Study/Plan we are requesting that the Commission adopt as an appendage to the transportation element of the City's comprehensive plan on July 6th. It has been stamped "Draft" because of some printing errors although the content is correct. Therefore, for purposes of review the Commission can consider this as a final draft of the proposed plan. Once all of the pages have been corrected for layout, etc. a final printing will be completed and a final document issued. If any errors in content are found they will be stated and/or clarified at the July 6th Planning Commission.

STAFF REVIEW

FILE: #77-93

DATE: June 30, 1993

STAFF: David Thornton

REQUEST: To adopt the Metropolitan Planning Organization Multi-modal Study and Plan as an appendage to the transportation element of the Comprehensive plan, to be used as an advisory document for the City in making future decisions regarding transportation and capital improvement projects.

LOCATION: Entire MPO Urbanized Area

APPLICANTS: Metropolitan Planning Organization

Representatives: Bennett Boeschenstein, Mesa County
Dave Thornton, City of Grand Junction

RELATIONSHIP TO COMPREHENSIVE PLAN/POLICIES/GUIDELINES:

We anticipate the Multi-modal Study/Plan to be an appendage to the transportation element of the comprehensive plan, to be used as an advisory document for the City in making future decisions regarding transportation and capital improvements projects.

STAFF ANALYSIS:

For the past six months the MPO has hired Bennett Boeschenstein, a Planning Consultant, to work on the multi-modal transportation study for the urbanized (MPO) area. The Metropolitan Planning Organization (MPO) Multi-modal Study/Plan analyzes future on-road and off-road bicycle and pedestrian improvement needs in the Grand Junction area for the next 20 years. It also discusses other modes of transportation like transit, but concentrates primarily on bicycle and pedestrian routes. The study has been completed and is now before Planning Commission for adoption. Some of the recommended transportation improvements for future bike and pedestrian routes are included in the attached summary. The study will be a tool for the City in petitioning the Colorado Department of Transportation for local State Highway capital improvement projects and MPO projects.

Staff will request that City Council adopt by Resolution the Metropolitan Planning Organization Multi-modal Study/Plan as an appendage to the transportation element of the comprehensive plan, to be used as an advisory document for the City in making future decisions regarding transportation and capital improvement projects.

STAFF RECOMMENDATIONS:

Staff recommends and encourages adoption of this study.

July 20, 1993

Bennett Boeschstein, Coordinator
Multi Modal Transportation Advisory Committee
c/o County Engineering
750 Main Street
Grand Junction, Colorado 81502

RE: Multi Modal Transportation Plan

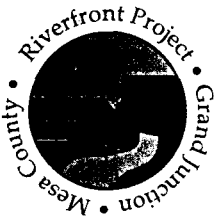
I appreciate your asking the college to get involved in this important planning issue. The college supports the present plan. We are especially interested in designating Elm Avenue as a bicycle route. We believe that better bicycle and pedestrian access to the college will help alleviate the traffic and parking problems in this area. The North-South routes connecting to Elm Avenue are also beneficial to the college.

The college has plans to improve the landscaping along Elm Avenue which will enhance the experience of pedestrians and cyclists using this route.

Sincerely,



Ron Gray
Director of Facilities



RIVERFRONT COMMISSION

319 Colorado Avenue • P.O. Box 2477
Grand Junction, Colorado 81502
(303) 245-0045

Co-Chairmen:
William M. Ela
Brian Mahoney

Members:
Rebecca Frank
Pat Gormley
Bill Graham
Bradley K. Loucks
R.T. Mantlo
Ken W. Nesbitt
Jane Quimby
James M. Robb
Ward Scott

July 20, 1993


Grand Junction City Council
250 North 5th Street
Grand Junction, CO 81501

Dear Council Members:

The Grand Junction/Mesa County Riverfront Commission would like to formally offer it's support for Mesa County's Multi-Modal Transportation Plan and its recommendations. The connections for our citizens via safe, organized routes to our varied recreational opportunities will greatly enhance our rich quality of life. Your foresight in adopting this integrated transportation plan will be greatly appreciated by all who will use the system.

This community has already benefited from some excellent planning and transportation improvements in spite of coming out of a tough economic period. We urge your support for this plan and that you continue the process with the Mesa County/Grand Junction Metropolitan Planning Organization.

Regards,



Brian P. Mahoney

BPM:ss

STAFF REVIEW

FILE: #77-93

DATE: July 21, 1993

STAFF: David Thornton

ACTION REQUESTED: Staff requests that City Council adopt by Resolution the Metropolitan Planning Organization Multi-modal Study as an appendage to the transportation element of the Comprehensive plan, to be used as an advisory document for the City in making future decisions regarding transportation and capital improvement projects.

LOCATION: Entire MPO Urbanized Area

APPLICANTS: Metropolitan Planning Organization

Representatives: Bennett Boeschstein, Mesa County
Dave Thornton, City of Grand Junction

EXECUTIVE SUMMARY: The Metropolitan Planning Organization (MPO) Multi-modal Transportation Study analyzes future transportation improvement needs for various modes of transportation in the Grand Junction area with an emphasis on bicycle and pedestrian routes and includes considerations for the physically disabled.

RELATIONSHIP TO COMPREHENSIVE PLAN/POLICIES/GUIDELINES:

We are requesting that the Multi-modal Study/Plan be an appendage to the transportation element of the comprehensive plan, to be used as an advisory document for the City in making future decisions regarding transportation and capital improvements projects.

STAFF ANALYSIS:

As discussed with City Council at the June 14th City Council Monday Night workshop, for the past six months the MPO has hired Bennett Boeschstein, a Planning Consultant, to work on the multi-modal transportation study for the urbanized (MPO) area. The Metropolitan Planning Organization (MPO) Multi-modal Study/Plan analyzes future on-road and off-road bicycle and pedestrian improvement needs in the Grand Junction area for the next 20 years. It also discusses other modes of transportation like transit, but concentrates primarily on bicycle and pedestrian routes. The study has been completed and was approved by Planning Commission on July 6th. It is now being presented to City Council for adoption. The attached summary gives a brief description of the process and includes a list of the recommended implementation schedule and cost estimates for those projects recommended within the City limits. The study will be a tool for the City in petitioning the Colorado Department of Transportation for local State Highway capital improvement projects and MPO projects. Only projects listed on a long range transportation plan can be included for future federal funding

from the State of Colorado. It is therefore necessary for the City to officially adopt this study as an official document.

Staff is requesting that City Council adopt by Resolution the Metropolitan Planning Organization Multi-modal Study/Plan as an appendage to the transportation element of the comprehensive plan, to be used as an advisory document for the City in making future decisions regarding transportation and capital improvement projects.

STAFF RECOMMENDATIONS:

Staff recommends and encourages adoption of this study.

PLANNING COMMISSION RECOMMENDATIONS:

The Planning Commission voted 5-0 recommending adoption by City Council.

PLAN PROPOSES VALLEY WIDE SYSTEM OF PEDESTRIAN, BICYCLE AND OTHER TRANSPORTATION IMPROVEMENTS

(SUMMARY OF THE DRAFT MULTI MODAL PLAN FOR THE MESA COUNTY/GRAND JUNCTION METROPOLITAN PLANNING ORGANIZATION-1993)

The Mesa County/Grand Junction Metropolitan Planning Organization has completed a twenty year plan for the improvement of the pedestrian, bicycle and intermodal transportation network in the Mesa County/Grand Junction metropolitan area. Special attention is given in the study and plan to the needs of the physically disabled population and the Americans with Disabilities Act (ADA).

The study and plan are designed to effectively respond to the new mandates of federal transportation legislation (1991 Intermodal Surface Transportation Efficiency Act) and the State of Colorado's Statewide Transportation Planning Process, which instead of emphasizing automobile transportation, emphasize all types of transportation including bicycle, pedestrian, rail, bus and air transportation. The new federal legislation emphasizes a comprehensive planning approach to transportation planning which considers environmental, social, economic, and energy factors. The purpose of the plan is to develop more viable communities within the metropolitan area by binding them together with pedestrian and bicycle networks.

The State of Colorado's Department of Transportation Regional Planning Guidelines and the Rules for the Statewide Transportation Planning Process, adopted by the Transportation Commission in September 1992, require the development of Regional Transportation Plans for each transportation region in Colorado. Mesa County has been identified as a transportation planning region. Future transportation projects and funding must be identified in the regional transportation plan to receive approval. The Multi-Modal plan is one element of the regional transportation plan.

PUBLIC PARTICIPATION

Public participation is an important part of the development of the Multi-modal Plan. As a first step in the process, over fifty potentially affected interests were identified. A seven member citizens advisory committee was formed and has been working over the past six months with the Metropolitan Planning Organization staff to develop a draft needs assessment, opportunities and constraints, goals and objectives, alternatives and a preferred alternative.

Two public workshops were held on April 13 and May 18. Approximately 80 people attended the first meeting and 30 people attended the second meeting. Input from these meetings was used to

modify the original plan. Individual interviews were held with key individuals. The public meetings and the draft plan were publicized in the local media and articles in the City Newsletter, The Riverfront Commission Newsletter, the State Trails Newsletter, the Mesa Monument Striders Newsletter, and the American Association of Wheelmen Newsletter.

NEEDS ASSESSMENT

Overall, there are an estimated 36,720 bicyclists in Mesa County. An estimated 9,000 students who attend School District 51 and Mesa State College walk or bike to school and college each day. In a survey completed last year, it was found that most Grand Junction bicyclists have more than one bicycle. The survey found that the typical bicyclists in Grand Junction are of all age groups with the highest number being in the 31-40 year old group. The survey found that the majority of residents were not satisfied with the existing bike routes and trails and would like to see more. In a separate survey conducted in 1992, the City of Grand Junction Parks and Recreation Department in their Master Plan of Parks, found that pedestrian/bicycle trail improvements were the most requested recreational improvement. Recent counts of usage of the Audubon Section of the Colorado River Trail found that as many as 150 people use the trail in a three hour period on the weekend and other counts have ranged as high as 100 trail users in an hour.

THE PLAN

The plan outlines valley-wide goals and objectives for the improvement of on-road pedestrian and bicycle transportation, off-road pedestrian transportation, public/private transit systems, rail transportation, air transportation and compliance with the American with Disabilities Act. Special goals and objectives deal with the funding and the operation and maintenance aspects of the proposed pedestrian/bicycle system.

The plan proposes two alternatives:

(1) The "do nothing" alternative or "null" alternative. This alternative would result in no improvements in the current transportation systems. The valley's continued reliance on the private automobile would continue. Increased population pressures would continue to add to traffic congestion, air pollution, and parking problems. Unsafe conditions for pedestrians, physically disabled and bicyclists would not be corrected and no attempts would be made to improve the interface between modes of transportation (rail, air, bus, transit, pedestrian, bicycle).

(2) The preferred alternative would provide over the next 20 years, a phased series of improvements to the pedestrian, physically disabled and bicycle transportation network. Intermodal transportation improvements would be made as well.

The preferred plan calls for the improvement of 20 on-road bike

routes in central Grand Junction, 8 bike routes in north Grand Junction, 18 routes in the Fruitvale-Clifton area, 13 bike routes in the Redlands, 14 in Orchard Mesa, and 8 in the Northwest area. These on-road bike routes generally parallel major automobile routes, connect major destinations, but have less traffic. These routes would be marked with standard bike route signs and publicized in bike route maps and brochures. Along the designated bike routes some parking and other automobile restrictions might apply.

Major east-west on-road bike routes proposed in the preferred plan include:

- (1) **Elm Ave.** from Mesa State College to Fruitvale, Melody Lane to Orchard Ave. to E 1/2 Rd. and Clifton.
- (2) **Elm Ave.** from Mesa State College west to 7th St., to the Grand Junction High School parking lot via the public walkway. This route proceeds onto Sherwood Park Drive, Mesa Ave. and 25 1/2 Rd and points west.
- (3) **10th St.** north from South St. and the downtown area to North Ave., Cannell, Elm Ave, Mesa State College and points north.
- (4) **15th St.** north from Elm Ave. to Orchard Ave, Patterson Rd., Ridge Drive, 27 1/2 Rd., G Rd. and Horizon Drive and points north.

The preferred plan proposes a **network of pedestrian/bicycle improvements around each elementary, middle, high school, UTECH and Mesa State College.** Sidewalks would be improved and missing sections would be installed. Those schools in suburban areas that do not have sidewalks would have improved on-road bikelanes/footpaths and off-road trail systems.

Off-road trail systems proposed include 5 segments in Central Grand Junction including a Horizon Drive Trail, completion of the Colorado River Trail from the Blue Heron Section to the Colorado River State Park at Corn Lake in Clifton, and long term future trail segments along certain drainages and canals. Off-road trails are proposed also for north Grand Junction (four trails), Fruitvale-Clifton (four trails), Redlands (seven trails), Orchard Mesa (3 trails and two major pedestrian/bicycle river bridges), and the northwest (3 trails).

The plan emphasizes the need to implement the **Transportation Development Plan** which was completed last year and which proposes the implementation of a limited **public transit** system consisting of eight mini-bus lines reaching 80% of the elderly/disabled population and most of the general population of the valley. The proposed transit system would operate on half hour intervals. The transit system is proposed to be implemented in 1994 and in the meantime the existing Mesability elderly/disabled bus service would continue to operate on a limited demand basis.

Specific improvements envisioned for the **rail system** include

improvement of the road/parking/pedestrian/bicycle configuration around the railroad station, a possible short-line rail service from Grand Junction to Glenwood Springs, Moab, Carbondale and Montrose, and restoration and reuse of the historic Grand Junction Railroad depot.

The plan proposes a number of recommendations for **Walker Field Airport** including a pedestrian/bicycle trail from the airport to the riverfront along the Horizon Drive Wash corridor. The plan recommends an expanded role for the airport as a medium sized hub airport for western Colorado and eastern Utah. Improved ground transportation options at the airport are also discussed.

The plan makes recommendations regarding **intercity bus service** and the location of the bus station.

Specific improvements are proposed for central city routes of travel for the **physically disadvantaged**. The Center for Independence has expressed the need to go beyond the Americans with Disability Act to provide a concentration of improvements along certain pre-selected routes connecting major destinations in central Grand Junction and Clifton.

The plan outlines specific **funding sources** that are available to fund the recommendation of the plan including several new federal and state funding sources such as the federal transportation funds that are now available for the "enhancement" of pedestrian/bicycle facilities, the State of Colorado's "Go-Colorado" funds as well as the more traditional sources. A new emphasis will be placed on the approach to planning new or reconstructed road projects. Multi-modal transportation improvements must be considered with every road building and every transportation project as well as in each new development proposal that comes before the County and City.

The plan discusses **operation and maintenance** requirements for the proposed pedestrian and bicycle systems. The role of volunteers and self-help projects, particularly around schools and in neighborhoods is emphasized, not only as a way of preserving local budgets but also to involve the community in the project and develop a sense of pride and ownership of the project. The successful Audubon Section of the Colorado River Trail and the "adopt a highway" programs are cited as examples of how these programs might work.

After the public workshops, several modifications were made to the original plan as follows:

-a clarification of the proposed trail system along the irrigation canals. The revised language states that the trail system along canals can only become a reality with the full coordination and cooperation of the canal companies and that no trail development can take place without the canal companies' agreement.

-a new section of the plan discusses the need for public education and pedestrian/bicycle safety campaigns to be led by a proposed City/County Pedestrian/Bicycle Committee appointed by the City Council and the County Commissioners.

-several additions and deletions to the proposed on-road bike route map have been made in response to public input, including the addition of 3rd St. and 15th St as north-south bike routes, the addition of D 1/2 Rd. as an east west bike route, the addition of the Redlands Parkway and Broadway as long term bike routes, the deletion of B 1/2 Rd. between 29 Rd and 32 Rd., and the addition of 29 to A 1/2 to 31 to C 1/2 as alternatives. Bike route proposals are separated into short and long term projects and specific recommendations are made for the improvement of each route such as the improvement of shoulders, signs, and removing some on street parking.

-the off-road trail map has also been revised in response to public comment. A proposed trail has been added along the north bank of the Gunnison River from the DOE Compound to Whitewater. Most of this trail would be on BLM land.

-a section itemizing the needed improvements of the proposed bike routes and off road trails with approximate costs and time frame for completion has been prepared

-detailed plans of proposed physically disadvantaged corridor improvement maps of central Grand Junction and central Clifton has been prepared

On April 20, as a demonstration project, the students and teachers at Redlands Middle School built a short trail segment as part of their week-long community service program. The trail runs from nearby subdivisions to 21 1/4 Rd., near the Middle School. The project demonstrates the kinds of self-help trail projects that can be built on public rights-of-way around each school.



**MULTI-MODAL TRANSPORTATION PLAN
RECOMMENDED IMPLEMENTATION SCHEDULE
AND COST ESTIMATES**

CITY OF GRAND JUNCTION AND CITY/COUNTY PROPOSED PROJECTS

BIKE ROUTES

IMPLEMENTATION SCHEDULE:

Bold Type: 1994-2000

Regular Type: 2000-2015

FIRST PHASE

It is recommended that the first step in implementing this plan be the **designation and signing of the bike routes** shown in bold type. The total cost of the signing effort is estimated to be approximately \$23,000.00 (City: \$11,000; County: \$10,000; State: \$2,000).

FUNDING

Improvements listed below could be phased into the regular capital improvement program of the City, County and State.

Each of the projects may also be eligible for a number of grant programs such as:

(1) Dept. of Transportation Enhancement Grants--up to 80% of the project cost is eligible for reimbursement by the State and federal governments for projects which meet the criteria. Projects must be applied for, and approved by the Colorado Dept. of Transportation to be eligible for reimbursement.

(2) State of Colorado State Trails Program (Colorado Lottery)--up to 50% reimbursement by the State for eligible projects. Projects must be applied for, and approved by the Colorado Division of Parks, State Trails Program to be eligible for reimbursement.

(3) City and County Development Impact Funds--funds collected from developers in lieu of park and open space dedication may be used for trail development. Projects must be applied for and approved for funding by the County Commissioners and City Council.

(4) City and County Lottery funds-- annual allocations by the Colorado Lottery to cities and counties for recreation and open space projects such as trails and greenways. Projects must be applied for through the County Support Services Department and the City Parks Department and must be approved by the County Commissioners and the City Council.

G Road	Cty, Co	install signs,	(18)	1,080.00
		improve shoulders	10,688	128,337.00
South Ave.	City	install signs	(8)	480.00
*1st St.	City	install signs, eliminate some on street parking	(10)	600.00
		improve shoulders especially north of Orchard to G Road	15,845	190,260.00
3rd St.	City	install signs	(8)	480.00
5th.-4th Sts.	City	install signs, enforce speed limits	(10)	600.00
6th St.	City	install signs	(4)	240.00
Cannell St., 9th St., St. Mary's	City	install signs	(17)	1020.00
10th St.	City	install signs	(8)	480.00
15th St., Ridge Drive, 27 1/2 Rd. to G Road	City	install signs	(8)	480.00
		improve shoulders on 27 1/2 and G Rds.	5,280	63,400.00

28 Road	City	install signs	(4)	240.00
*N 7th St.	City	install signs	(10)	600.00
		improve shoulder	2,719	32,649.00
S 7th St.	City	install signs	(8)	480.00
9th St.	City	install signs	(4)	240.00
* Horizon Drive	City	install signs, (see below)	(10)	600.00
		widen shoulders and/or construct Horizon Trail	6,352.00	76,416.00
Little Bookcliff Dr.	City	install signs	(4)	240.00
		replace pedestrian bicycle bridge over Grand Valley Canal to Patterson Rd.	1,640.00	19,691.00
TOTAL			55,055.00	674,614.00

NORTH GRAND JUNCTION

G Road	City	install signs, improve shoulder		see above
*H Road	City, County	install signs	(8)	480.00

		improve shoulder	12,591	151,187.00
*26 Road	City	install signs,	(8)	480.00
		improve shoulder	10,561	126,812.00
*26 1/2 Rd.	City	install signs	(8)	480.00
		improve shoulder	9,182	110254.00
*27 Road	City	install signs,	(6)	360.00
		improve shoulders	5,263	63,195.00
*Horizon Drive	City	install signs	(10)	600.00
		improve shoulder or construct Horizon Trail	7,829	76,416.00
TOTAL				530,264.00

Fruitvale-Grand Junction

*29 Road	City/ County	install signs	(10)	600.00
		improve shoulder or construct Indian Wash Trail	13,543	162,619.00
F Road	City/ County	install signs	(10)	600.00
*Orchard Ave.	City/ County	install signs	(10)	600.00
		improve shoulder	5,280	33,400.00
TOTAL				197,819.00

Orchard Mesa

Grand Mesa Ave.	City	install signs	(3)	180.00
*UnawEEP Ave.	City	install signs,	(8)	480.00
		improve shoulder	13,392	160,806.00
*27 Road	City	install signs	(12)	720.00
		improve shoulder	4,830	57,997.00
*27 1/2 Road	City	install signs,	(7)	420.00
		improve shoulder	2,733	32,817.00
*B 1/2 Road from U.S. 50 to 29 Road, B Rd. from 29 Rd to 30 Rd., 30 Rd. from B Rd. to A 1/2 Rd., A 1/2 Rd. from 30 Rd. to 31 Rd. and B and C.5 Rd. east off 31 Rd.	City/County	install signs,	(8)	480.00
		improve shoulder	7,938 49,345	592,514.00
*29 Road	City/County	install signs,	(7)	420.00
Colorado River Bridge (ped/bike bridge)	County, City, State Parks	construct new bridge across Colorado River	400	300,000.00
TOTAL				1,146,834.00

Northwest

<u>Bike Route</u>	<u>Jurisd.</u>	<u>Proposal</u>	<u>(Signs) Distance (ft.)</u>	<u>Cos es.</u>
River Road	City/Co	install signs	(6)	360.00
		improve shoulders	37,342	448,397.00
*24 Road (see also Leech Creek off-road trail)	City, County	install signs	(11)	660.00
		improve shoulders	16,550	198,725.00
TOTAL				648,142.00

Pedestrian/Bicycle Trails

(see Proposed Off Road Pedestrian-Bicycle Route Map for precise locations)

NOTE:

The Metropolitan Planning Organization recognizes the challenges involved in the establishment of trails along any existing irrigation or drainage facility. The projects listed are examples of network additions that would enhance non-motorized transportation opportunities in the valley. The Metropolitan Planning Organization would stress that while these facilities might be a valuable resource, their development as formal transportation corridors can only happen through cooperation, co-collaboration and the accommodation of the concerns and needs of irrigation users and operators, the drainage facility owners and operators and adjacent users and land owners.

The projects below, marked with an asterisk (*), fall into this category. It is recommended that the off-road trails that directly impact school walking routes and the Colorado River Trail System be given priority in the implementation plan. All these projects are of significant scope that they should be evaluated by the elected bodies which have jurisdiction, and implemented on a case-by-case basis. The purpose of this plan is to insure continuity of development, suggest priorities and prescribe development time frames.

Central Grand Junction

<u>Project</u>	<u>Jurisd.</u>	<u>Project</u>	<u>Length</u>	<u>Cost</u>
* Horizon Trail (2000-2005)	City	trail/greenway generally running parallel to drainage from Walker Field Airport to the Colorado River Trail-Blue Heron Section. Acquisition of easements, construction in phases and in coordination with new development as it takes place	(feet) 9,526	<u>Estimate</u> 238,150.00
*Southern Indian Wash Trail (2000-2005)	City	c. 1 mile trail/greenway from I-70 and the Northern Indian Wash Trail to Bookcliff Ave. Acquisition of easements, construction in phases and in coordination with new development	8,971	224,275.00

<u>Project</u>	<u>Jurisd.</u>	<u>Proposal</u>	<u>Length (feet)</u>	<u>Cost Estimate</u>
Colorado River Trail (1994-1996)	Riverfront Commission, City, State Parks	trails/greenways including Blue Heron phase 2 Section (c. 1.5 miles), Riverside Section (c.1.5 miles), Watson Island Levee Section (c.1 mile), Colorado River State Park Section (c. 6 miles); construction in phases		B.H.II: 250,000.00; Riverside: part of flood control, clean-up and redevelopment cost; Watson Island: part of levee cost; State Parks: \$750,000 (first year)
*Grand Valley Canal Trail (2000-2010)	City	c. 5 mile trail from 29 Road west to I-70. Acquisition of easements, construction in phases	26,148	653,700.00
*U.S. Government Highline Canal Trail (1996-2010)	City, County	trail from 29 Road west to H Rd., Acquisition of easements, construction in phases	26,400	660,000.00
TOTAL			71,045.00	2,526,125.00

Redlands

*Ridges Trail extensions (2005-2010)	City, County	a. from Ridges Blvd. under Broadway to Audubon Section of the Colorado River trail b. from Ridges Blvd. to South Camp Road along Red Canyon Wash	a. 1,353 b. 7,964	a. 33,825.00 + 90,000.00 (tunnel cost) b. 199,100.00
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Orchard Mesa

<u>Trail</u>	<u>Jurisd</u>	<u>Project</u>	<u>Length</u> <u>(ft.)</u>	<u>Cost Est.</u>
Orchard Mesa Middle School Trail/Bridge (1995-2000)	City, State Parks	pedestrian/bi cycle bridge over Colorado River to Colorado River State Park	c.400	300,000.00
*Orchard Mesa Bluff Trails (1995-2000)	City, County	trail along river bluff from Lamplight Park Subdivision to Orchard Mesa Middle School	7,274	181,850.00
*Orchard Mesa Canal Trails (1994-2010)	City, County	a. upper canal from B 3/4 Road and City Cemetery to A 1/2 Road and U. S. 50;	15,840	396,000.00
		b. lower canal from 28.5 Rd. to Duck Pond Park	10,560	264,000.00
TOTAL			33,674.40	1,141,850.00

1994-2000 PEDESTRIAN-BICYCLE ROUTES AND
 PEDESTRIAN/BICYCLE BRIDGES-COST ESTIMATES

BIKE ROUTE	SIGNS	SHOULDERS	BRIDGES
1. Struthers Ave.	120.00		
2. Main St.	480.00		
3. Gunnison Ave.	840.00		
4. Elm Ave.	720.00		
5. Patterson Ave.	1,440.00		
6. I-70	480.00		
7. South Ave.	480.00		
8. 3rd St.	480.00		
9. 4th-5th Sts.	600.00		
10. 6th St.	240.00		
11. Houston, Cannell, 9th Sts., St. Mary's Park	1020.00		
12. 10th St.	480.00		
13. 15th St., Ridge Dr., 27 1/2 Rd. to G Rd.	480.00	63,400.00	
14. S.7th St.	480.00		
15. Little Bookcliff Dr.	240.00		19,700.00
16. H Road	480.00	151,187.00	
17. 26 Road	480.00	126,812.00	
18. 26 1/2 Road	480.00	110,254.00	
19. 27 Road	360.00	63,195.00	
20. Grand Mesa Ave.	180.00		

21. UnawEEP Ave.	480.00	160,806.00	
22. 27 Road	720.00	57,997.00	
23. 27 1/2 Road	420.00	32,817.00	
24. B 1/2 Rd. from U.S. 50 to 29 Road, B Road from 29 Rd. to 30 Rd., 30 Rd. from B Rd. to A 1/2 Rd., A 1/2 Rd. from 30 Rd. to 31 Rd. and B and C.5 Rd. east off 31 Rd.	480.00	809,706.00	
25. B Road	780.00		
26. B 3/4 Road	240.00	17,752.00	
TOTAL	13,680.00	\$1,593,926.00	\$19,700.00

SCHOOL FACILITY RECOMMENDATIONS

COST ESTIMATES

SCHOOL	SIDEWALK		A. WALK/BIKE L.		FOOTPATH/TRAIL	
1.	feet	est \$	feet	est \$	feet	est. \$
COLUMBINE						
8th St. S.	280	3,897.60		0.00		0.00
South 8th-10th Sts.	800	22,272.00		0.00		0.00
10th St. Pitkin-South	400	5,568.00		0.00		0.00
11th St. Pitkin South	540	7,516.80		0.00		0.00
9th St. east	1290	17,956.80		0.00		0.00
9th St. west	970	13,502.40		0.00		0.00

2. LINCOLN PARK		0.00		0.00		0.00
White Ave. 15th to 18th	1260	17,539.20		0.00		0.00
17th St. S. of Grand	800	11,136.00		0.00		0.00
18th St. Grand to Gunnison Ave.	2020	28,118.40		0.00		0.00
19th St. W. side Grand to Gunnison Ave.	1040	14,476.80		0.00		0.00
Grand Ave. S side 28th St. 23rd. St.	520	7,238.40		0.00		0.00
Gunnison N side along Lincoln Park	1300	18,096.00		0.00		0.00
Ouray Ave. 15th St. to 19th St.	2060	28,675.20		0.00		0.00
15th St. W side Grand to Chipeta	1140	15,888.80		0.00		0.00
3. TOPE		0.00		0.00		0.00
7th St. from Patterson to the school	3060	42,595.20		0.00		0.00
1st St.	4050	56,376.00		0.00		0.00
Sherwood Park	4752	66,147.84		0.00		0.00
Kennedy 3rd to 5th, 7th Cannell	1260	17,539.20		0.00		0.00

4th and Elm Ct.	1360	18,931.20		0.00		0.00
Bookcliff and 1st St.	700	9,744.00		0.00		0.00
Park Dr. off 1st St.	1100	15,312.00		0.00		0.00
Pinon Ave.	590	8,212.80		0.00		0.00
Bookcliff Ave. from 11th St. to 12th St.	600	8,352.00		0.00		0.00
Viewpoint, Rico, Capra Way	2450	34,104.00		0.00		0.00
Mesa Ave.	850	11,832.00		0.00		0.00
Hall E of 5th St., 6th St.	2000	27,840.00		0.00		0.00
Glenwood Ave. 5th to 7th	1400	19,488.00		0.00		0.00
Patterson Rd. 12th to Viewpoint	3200	44,544.00		0.00		0.00
12th St. from Lowell Ct.	1800	25,056.00		0.00		0.00
Cannell and Mesa Ave.	1560	21,715.20		0.00		0.00
Walnut Ave. S side 7th to 9th	780	10,857.60		0.00		0.00
4. POMONA		0.00		0.00		0.00
1st St. N of Patterson	3900	54,288.00		0.00		0.00
25 Rd. N of Patterson	5100	70,992.00		0.00		0.00

25 1/2 Rd. from Moose Lodge to Independent	5100	70,992.00		0.00		0.00
West Hall Ave.	800	11,136.00		0.00		0.00
West Mesa Ave.	4340	60,412.80		0.00		0.00
Bluegill Ave.	800	11,136.00		0.00		0.00
W Orchard Ave.	3800	52,896.00		0.00		0.00
Minnow Dr.	600	8,352.00		0.00		0.00
Lakeshore Dr.	1400	19,488.00		0.00		0.00
Ridgewood	1100	15,312.00		0.00		0.00
Lilac La.	1120	15,590.40		0.00		0.00
Meander Dr.	2400	33,408.00		0.00		0.00
Fruitridge Dr.	1200	16,704.00		0.00		0.00
1st St. from Independent to Patterson Rd.		0.00	2400	28,800.00		0.00
Footpath from Lilac lane to school		0.00		0.00	730	18,250.00
5. ORCHARD AVE.		0.00		0.00		0.00
Glenwood Ave. 12th- 17th Sts.	4580	63,753.60		0.00		0.00
Bunting Ave.	600	8,352.00		0.00		0.00

Elm Ave. 15th to 20th, 23rd to 28th	2500	34,800.00		0.00		0.00
Elm Ave. S side from 15th to 19th and 24th to 28th	1250	17,400.00		0.00		0.00
Texas Ave. 15th to 17th and 21st to 28th	1200	16,704.00		0.00		0.00
Mesa Ave. S side 21st to 25th	4900	68,208.00		0.00		0.00
Mesa Ave. N side 20th to 21st	310	4,315.20		0.00		0.00
Pinyon Ave. 13th to 17th Sts.	2400	33,408.00		0.00		0.00
Walnut Ave. 21 St. to Lilac Lane	800	11,136.00		0.00		0.00
Bunting N side 19th to 21st and 23rd. to 25th	2430	33,825.80		0.00		0.00
13th St. Bookcliff to Orchard Ave. E side to Mesa W side	2400	33,408.00		0.00		0.00
16th St. Hall to North	3720	51,782.40		0.00		0.00

17th St. from 17th St. Circle to Walnut from Hall to Bunting	1300	18,096.00		0.00		0.00
18th St. west side from Hall to Bunting Ave.	2540	35,356.80		0.00		0.00
19th St. Bookcliff to Orchard and Mesa Aves.	5100	70,992.00		0.00		0.00
20th St., Mesa to Elm and Kennedy to Bunting Ave.	1240	17,260.80		0.00		0.00
21st St. Mesa to Texas Ave.	540	7,516.80		0.00		0.00
23rd St. east side Mesa to Bunting	2560	35,635.20		0.00		0.00
26th St. north end	3260	45,379.20		0.00		0.00
6. NISLEY		0.00		0.00		0.00
28 1/4 Rd. Orchard to North	4940	68,764.80		0.00		0.00
28 3/4 Rd. Texas to North	3000	41,760.00		0.00		0.00
29 Rd.	2560	35,635.20		0.00		0.00
29 1/4 Rd.	2520	35,078.40		0.00		0.00
29 1/2 Rd.	5040	70,156.80		0.00		0.00

Orchard Ave. Normandy to 29 1/2 Rd.	0	0.00	5100	61,200.00		0.00
Elm Ave. 28 Rd. to 28 1/2 Rd. and 28 3/4 Rd. to Melody Lane	6220	86,582.40		0.00		0.00
28 1/4 Rd. E side N of Orchard	500	6,980.00		0.00		0.00
28 3/4 Rd. and Pinyon Aves. N of Orchard Ave.	1640	22,828.80		0.00		0.00
Ashley, Sparn, Pinyon, N of Orchard	2620	36,470.40		0.00		0.00
Walnut, N.View, View Dr., N of Orchard	2700	37,584.00		0.00		0.00
Formay, Sandra, Kennedy, Bunting, Elm, east of 29 Rd.	14760	205,459.20		0.00		0.00
12. LINCOLN ORCHARD MESA		0.00		0.00		0.00
B 1/2 Rd. from US 50 to 28 1/2 Rd. and from 29 Rd. to 30 Rd.	15560	216,595.20		0.00		0.00

28 1/2 Rd. from B Rd. to B 1/2 Rd.	5280	73,497.60		0.00		0.00
29 Rd. from US 50 to UnawEEP Ave.	5280	73,497.60		0.00		0.00
UnawEEP Ave. from 28 1/4 rd. to 29 Rd.	1900	26,448.00		0.00		0.00
13. COLUMBUS		0.00		0.00		0.00
UnawEEP from US 50 to 28 1/2 Rd.	3560	49,555.20		0.00		0.00
27 Rd.	2600	36,192.00		0.00		0.00
Trail from Santa Clara to Orchard Mesa M.S.		0.00		0.00		0.00
Total	201,902.	2,821,611.	7,500	90,000.	730.	18,250.

MIDDLE SCHOOLS

ORCHARD MESA MIDDLE SCHOOL		0.00		0.00		0.00
UnawEEP Ave.	10,560	146,995.20		0.00		0.00
27 and 27 1/2 Rd.	6,630	92,289.60		0.00		0.00
Cheyenne Dr.	3,000	41,760.00		0.00		0.00
OM Irrigation Trail		0.00		0.00	3900	97,500.00
EAST		0.00		0.00		0.00
North Ave.	4,000	55,680.00		0.00		0.00

Gunnison 19th to 14th Sts.	1,000	13,920.00		0.00		0.00
WEST		0.00		0.00		0.00
1st St. from Orchard to Patterson	5,280	73,497.60		0.00		0.00
Trail from Orchard to W. Mesa		0.00		0.00	250	6,250.00
Trail from Lakeside to Patterson and improve footbridge to Little Bookcliff		0.00		0.00	480	12,000.00
Tunnel improvement from West Main to Main St.		0.00		0.00		0.00
	30,470	424,142.	0.00	0.00	4,630.	115,750.

HIGH SCHOOLS, UTECH AND MESA STATE COLLEGE
(see cost estimates for Middle Schools, Elementary Schools and
Bicycle/Pedestrian Routes and Trails)

YEAR 2000-2015 BIKE ROUTES-COST ESTIMATES
 BIKE ROUE SIGNS

SHOULDER

1. D Road #1	780.00	152,917.00
#2		219,582.00
2. G Road	1,080.00	128,337.00
3. 1st St.	600.00	190,260.00
4. 28 Road	240.00	
5. N 7th St.	600.00	32,649.00
6. S 9th St.	240.00	
7. Horizon Drive #1	600.00	76,416.00
#2		94,007.00
8. 29 Road	600.00	162,619.00
9. E 1/2 Road	600.00	99,747.00
10. SH 340-Broadway	1,440.00	571,681.00
11. South Broadway #1	1,020	307,490.00
#2		5,5043.00
12. Vista Grande	240.00	
13. Colonial Drive	180.00	
14. Redlands Parkway	600.00	
15. 5th St. Bridge	480.00	17,435.00
16. 29 Road	420.00	69,452.00
17. 32 Road	1980.00	206,350.00
18. U.S. 50	480.00	111,118.00
21. 24 Road	660.0	196,725.00
TOTAL	\$12,840.00	2,691,828.00

OFF ROAD PEDESTRIAN/BICYCLE TRAILS--COST ESTIMATES

TRAIL	YEAR	LEGH (F.)	COS ES.
1. Horizon Trail	2000-2005	9,526	238,150.00
2. Southern Indian Wash Trail	2000-2005	8,971	224,275.00
3. Colorado River Trail	1994-1996		
Blue Heron Section		7,920	250,000.00
Riverside Section		7,920	250,000.00
Jarvis-Watson-State Park Section		10,560	264,000.00
4. Grand Valley Canal Trail	2000-2010	26,148	653,700.00
5. U. S. Government Highline Canal	1996-2010	26,400	317,000.00
6. Ridges Trail Extensions	2005-2010		
a. Ridges Blvd. under Broadway via new tunnel to Colorado River Trail		1,353	123,825.00
7. Orchard Mesa Bluffs trail	1995-2000	7,274	181,850.00
8. Orchard Mesa Canal trails	1994-2010		
a. upper canal from B 3/4 Road to A 1/2 Rd. and U.S. 50		15,840	396,000.00

PLAN PROPOSES VALLEY WIDE SYSTEM OF PEDESTRIAN, BICYCLE AND OTHER TRANSPORTATION IMPROVEMENTS

(SUMMARY OF THE DRAFT MULTI MODAL PLAN FOR THE MESA COUNTY/GRAND JUNCTION METROPOLITAN PLANNING ORGANIZATION-1993)

The Mesa County/Grand Junction Metropolitan Planning Organization has completed a twenty year plan for the improvement of the pedestrian, bicycle and intermodal transportation network in the Mesa County/Grand Junction metropolitan area. Special attention is given in the study and plan to the needs of the physically disabled population and the Americans with Disabilities Act (ADA).

The study and plan are designed to effectively respond to the new mandates of federal transportation legislation (1991 Intermodal Surface Transportation Efficiency Act) and the State of Colorado's Statewide Transportation Planning Process, which instead of emphasizing automobile transportation, emphasize all types of transportation including bicycle, pedestrian, rail, bus and air transportation. The new federal legislation emphasizes a comprehensive planning approach to transportation planning which considers environmental, social, economic, and energy factors. The purpose of the plan is to develop more viable communities within the metropolitan area by binding them together with pedestrian and bicycle networks.

The State of Colorado's Department of Transportation Regional Planning Guidelines and the Rules for the Statewide Transportation Planning Process, adopted by the Transportation Commission in September 1992, require the development of Regional Transportation Plans for each transportation region in Colorado. Mesa County has been identified as a transportation planning region. Future transportation projects and funding must be identified in the regional transportation plan to receive approval. The Multi-Modal plan is one element of the regional transportation plan.

PUBLIC PARTICIPATION

Public participation is an important part of the development of the Multi-modal Plan. As a first step in the process, over fifty potentially affected interests were identified. A seven member citizens advisory committee was formed and has been working over the past six months with the Metropolitan Planning Organization staff to develop a draft needs assessment, opportunities and constraints, goals and objectives, alternatives and a preferred alternative.

Two public workshops were held on April 13 and May 18. Approximately 80 people attended the first meeting and 30 people attended the second meeting. Input from these meetings was used to

modify the original plan. Individual interviews were held with key individuals. The public meetings and the draft plan were publicized in the local media and articles in the City Newsletter, The Riverfront Commission Newsletter, the State Trails Newsletter, the Mesa Monument Striders Newsletter, and the American Association of Wheelmen Newsletter.

NEEDS ASSESSMENT

Overall, there are an estimated 36,720 bicyclists in Mesa County. An estimated 9,000 students who attend School District 51 and Mesa State College walk or bike to school and college each day. In a survey completed last year, it was found that most Grand Junction bicyclists have more than one bicycle. The survey found that the typical bicyclists in Grand Junction are of all age groups with the highest number being in the 31-40 year old group. The survey found that the majority of residents were not satisfied with the existing bike routes and trails and would like to see more. In a separate survey conducted in 1992, the City of Grand Junction Parks and Recreation Department in their Master Plan of Parks, found that pedestrian/bicycle trail improvements were the most requested recreational improvement. Recent counts of usage of the Audubon Section of the Colorado River Trail found that as many as 150 people use the trail in a three hour period on the weekend and other counts have ranged as high as 100 trail users in an hour.

THE PLAN

The plan outlines valley-wide goals and objectives for the improvement of on-road pedestrian and bicycle transportation, off-road pedestrian transportation, public/private transit systems, rail transportation, air transportation and compliance with the American with Disabilities Act. Special goals and objectives deal with the funding and the operation and maintenance aspects of the proposed pedestrian/bicycle system.

The plan proposes two alternatives:

(1) The "do nothing" alternative or "null" alternative. This alternative would result in no improvements in the current transportation systems. The valley's continued reliance on the private automobile would continue. Increased population pressures would continue to add to traffic congestion, air pollution, and parking problems. Unsafe conditions for pedestrians, physically disabled and bicyclists would not be corrected and no attempts would be made to improve the interface between modes of transportation (rail, air, bus, transit, pedestrian, bicycle).

(2) The preferred alternative would provide over the next 20 years, a phased series of improvements to the pedestrian, physically disabled and bicycle transportation network. Intermodal transportation improvements would be made as well.

The preferred plan calls for the improvement of 20 on-road bike

routes in central Grand Junction, 8 bike routes in north Grand Junction, 18 routes in the Fruitvale-Clifton area, 13 bike routes in the Redlands, 14 in Orchard Mesa, and 8 in the Northwest area. These on-road bike routes generally parallel major automobile routes, connect major destinations, but have less traffic. These routes would be marked with standard bike route signs and publicized in bike route maps and brochures. Along the designated bike routes some parking and other automobile restrictions might apply.

Major east-west on-road bike routes proposed in the preferred plan include:

- (1) **Elm Ave.** from Mesa State College to Fruitvale, Melody Lane to Orchard Ave. to E 1/2 Rd. and Clifton.
- (2) **Elm Ave.** from Mesa State College west to 7th St., to the Grand Junction High School parking lot via the public walkway. This route proceeds onto Sherwood Park Drive, Mesa Ave. and 25 1/2 Rd and points west.
- (3) **10th St.** north from South St. and the downtown area to North Ave., Cannell, Elm Ave, Mesa State College and points north.
- (4) **15th St.** north from Elm Ave. to Orchard Ave, Patterson Rd., Ridge Drive, 27 1/2 Rd., G Rd. and Horizon Drive and points north.

The preferred plan proposes a **network of pedestrian/bicycle improvements around each elementary, middle, high school, UTECH and Mesa State College.** Sidewalks would be improved and missing sections would be installed. Those schools in suburban areas that do not have sidewalks would have improved on-road bikelanes/footpaths and off-road trail systems.

Off-road trail systems proposed include 5 segments in Central Grand Junction including a Horizon Drive Trail, completion of the Colorado River Trail from the Blue Heron Section to the Colorado River State Park at Corn Lake in Clifton, and long term future trail segments along certain drainages and canals. Off-road trails are proposed also for north Grand Junction (four trails), Fruitvale-Clifton (four trails), Redlands (seven trails), Orchard Mesa (3 trails and two major pedestrian/bicycle river bridges), and the northwest (3 trails).

The plan emphasizes the need to implement the **Transportation Development Plan** which was completed last year and which proposes the implementation of a limited **public transit** system consisting of eight mini-bus lines reaching 80% of the elderly/disabled population and most of the general population of the valley. The proposed transit system would operate on half hour intervals. The transit system is proposed to be implemented in 1994 and in the meantime the existing Mesability elderly/disabled bus service would continue to operate on a limited demand basis.

Specific improvements envisioned for the **rail system** include

improvement of the road/parking/pedestrian/bicycle configuration around the railroad station, a possible short-line rail service from Grand Junction to Glenwood Springs, Moab, Carbondale and Montrose, and restoration and reuse of the historic Grand Junction Railroad depot.

The plan proposes a number of recommendations for **Walker Field Airport** including a pedestrian/bicycle trail from the airport to the riverfront along the Horizon Drive Wash corridor. The plan recommends an expanded-role for the airport as a medium sized hub airport for western Colorado and eastern Utah. Improved ground transportation options at the airport are also discussed.

The plan makes recommendations regarding **intercity bus service** and the location of the bus station.

Specific improvements are proposed for central city routes of travel for the **physically disadvantaged**. The Center for Independence has expressed the need to go beyond the Americans with Disability Act to provide a concentration of improvements along certain pre-selected routes connecting major destinations in central Grand Junction and Clifton.

The plan outlines specific **funding sources** that are available to fund the recommendation of the plan including several new federal and state funding sources such as the federal transportation funds that are now available for the "enhancement" of pedestrian/bicycle facilities, the State of Colorado's "Go-Colorado" funds as well as the more traditional sources. A new emphasis will be placed on the approach to planning new or reconstructed road projects. Multi-modal transportation improvements must be considered with every road building and every transportation project as well as in each new development proposal that comes before the County and City.

The plan discusses **operation and maintenance** requirements for the proposed pedestrian and bicycle systems. The role of volunteers and self-help projects, particularly around schools and in neighborhoods is emphasized, not only as a way of preserving local budgets but also to involve the community in the project and develop a sense of pride and ownership of the project. The successful Audubon Section of the Colorado River Trail and the "adopt a highway" programs are cited as examples of how these programs might work.

After the public workshops, several modifications were made to the original plan as follows:

-a clarification of the proposed trail system along the irrigation canals. The revised language states that the trail system along canals can only become a reality with the full coordination and cooperation of the canal companies and that no trail development can take place without the canal companies' agreement.

-a new section of the plan discusses the need for public education and pedestrian/bicycle safety campaigns to be led by a proposed City/County Pedestrian/Bicycle Committee appointed by the City Council and the County Commissioners.

-several additions and deletions to the proposed on-road bike route map have been made in response to public input, including the addition of 3rd St. and 15th St as north-south bike routes, the addition of D 1/2 Rd. as an east west bike route, the addition of the Redlands Parkway and Broadway as long term bike routes, the deletion of B 1/2 Rd. between 29 Rd and 32 Rd., and the addition of 29 to A 1/2 to 31 to C 1/2 as alternatives. Bike route proposals are separated into short and long term projects and specific recommendations are made for the improvement of each route such as the improvement of shoulders, signs, and removing some on street parking.

-the off-road trail map has also been revised in response to public comment. A proposed trail has been added along the north bank of the Gunnison River from the DOE Compound to Whitewater. Most of this trail would be on BLM land.

-a section itemizing the needed improvements of the proposed bike routes and off road trails with approximate costs and time frame for completion has been prepared

-detailed plans of proposed physically disadvantaged corridor improvement maps of central Grand Junction and central Clifton has been prepared

On April 20, as a demonstration project, the students and teachers at Redlands Middle School built a short trail segment as part of their week-long community service program. The trail runs from nearby subdivisions to 21 1/4 Rd., near the Middle School. The project demonstrates the kinds of self-help trail projects that can be built on public rights-of-way around each school.



**MULTI-MODAL TRANSPORTATION PLAN
RECOMMENDED IMPLEMENTATION SCHEDULE
AND COST ESTIMATES**

CITY OF GRAND JUNCTION AND CITY/COUNTY PROPOSED PROJECTS

BIKE ROUTES

IMPLEMENTATION SCHEDULE:

Bold Type: 1994-2000

Regular Type: 2000-2015

FIRST PHASE

It is recommended that the first step in implementing this plan be the **designation and signing of the bike routes** shown in bold type. The total cost of the signing effort is estimated to be approximately \$23,000.00 (City: \$11,000; County: \$10,000; State: \$2,000).

FUNDING

Improvements listed below could be phased into the regular capital improvement program of the City, County and State.

Each of the projects may also be eligible for a number of grant programs such as:

(1) Dept. of Transportation Enhancement Grants--up to 80% of the project cost is eligible for reimbursement by the State and federal governments for projects which meet the criteria. Projects must be applied for, and approved by the Colorado Dept. of Transportation to be eligible for reimbursement.

(2) State of Colorado State Trails Program (Colorado Lottery)--up to 50% reimbursement by the State for eligible projects. Projects must be applied for, and approved by the Colorado Division of Parks, State Trails Program to be eligible for reimbursement.

(3) City and County Development Impact Funds--funds collected from developers in lieu of park and open space dedication may be used for trail development. Projects must be applied for and approved for funding by the County Commissioners and City Council.

(4) City and County Lottery funds-- annual allocations by the Colorado Lottery to cities and counties for recreation and open space projects such as trails and greenways. Projects must be applied for through the County Support Services Department and the City Parks Department and must be approved by the County Commissioners and the City Council.

G Road	Cty, Co	install signs,	(18)	1,080.00
		improve shoulders	10,688	128,337.00
South Ave.	City	install signs	(8)	480.00
*1st St.	City	install signs, eliminate some on street parking	(10)	600.00
		improve shoulders especially north of Orchard to G Road	15,845	190,260.00
3rd St.	City	install signs	(8)	480.00
5th.-4th Sts.	City	install signs, enforce speed limits	(10)	600.00
6th St.	City	install signs	(4)	240.00
Cannell St., 9th St., St. Mary's	City	install signs	(17)	1020.00
10th St.	City	install signs	(8)	480.00
15th St., Ridge Drive, 27 1/2 Rd. to G Road	City	install signs	(8)	480.00
		improve shoulders on 27 1/2 and G Rds.	5,280	63,400.00

28 Road	City	install signs	(4)	240.00
*N 7th St.	City	install signs	(10)	600.00
		improve shoulder	2,719	32,649.00
S 7th St.	City	install signs	(8)	480.00
9th St.	City	install signs	(4)	240.00
* Horizon Drive	City	install signs, (see below)	(10)	600.00
		widen shoulders and/or construct Horizon Trail	6,352.00	76,416.00
Little Bookcliff Dr.	City	install signs	(4)	240.00
		replace pedestrian bicycle bridge over Grand Valley Canal to Patterson Rd.	1,640.00	19,691.00
TOTAL			55,055.00	674,614.00

NORTH GRAND JUNCTION

G Road	City	install signs, improve shoulder		see above
*H Road	City, County	install signs	(8)	480.00

		improve shoulder	12,591	151,187.00
*26 Road	City	install signs,	(8)	480.00
		improve shoulder	10,561	126,812.00
*26 1/2 Rd.	City	install signs	(8)	480.00
		improve shoulder	9,182	110254.00
*27 Road	City	install signs,	(6)	360.00
		improve shoulders	5,263	63,195.00
*Horizon Drive	City	install signs	(10)	600.00
		improve shoulder or construct Horizon Trail	7,829	76,416.00
TOTAL				530,264.00

Fruitvale-Grand Junction

*29 Road	City/ County	install signs	(10)	600.00
		improve shoulder or construct Indian Wash Trail	13,543	162,619.00
F Road	City/ County	install signs	(10)	600.00
*Orchard Ave.	City/ County	install signs	(10)	600.00
		improve shoulder	5,280	33,400.00
TOTAL				197,819.00

Orchard Mesa

Grand Mesa Ave.	City	install signs	(3)	180.00
*Unawweep Ave.	City	install signs,	(8)	480.00
		improve shoulder	13,392	160,806.00
*27 Road	City	install signs	(12)	720.00
		improve shoulder	4,830	57,997.00
*27 1/2 Road	City	install signs,	(7)	420.00
		improve shoulder	2,733	32,817.00
*B 1/2 Road from U.S. 50 to 29 Road, B Rd. from 29 Rd to 30 Rd., 30 Rd. from B Rd. to A 1/2 Rd., A 1/2 Rd. from 30 Rd. to 31 Rd. and B and C.5 Rd. east off 31 Rd.	City/County	install signs,	(8)	480.00
		improve shoulder	7,938 49,345	592,514.00
*29 Road	City/County	install signs,	(7)	420.00
Colorado River Bridge (ped/bike bridge)	County, City, State Parks	construct new bridge across Colorado River	400	300,000.00
TOTAL				1,146,834.00

Northwest

<u>Bike Route</u>	<u>Jurisd.</u>	<u>Proposal</u>	<u>(Signs) Distance (ft.)</u>	<u>Costs</u>
River Road	City/Co	install signs	(6)	360.00
		improve shoulders	37,342	448,397.00
*24 Road (see also Leech Creek off-road trail)	City, County	install signs	(11)	660.00
		improve shoulders	16,550	198,725.00
TOTAL				648,142.00

Pedestrian/Bicycle Trails

(see Proposed Off Road Pedestrian-Bicycle Route Map for precise locations)

NOTE:

The Metropolitan Planning Organization recognizes the challenges involved in the establishment of trails along any existing irrigation or drainage facility. The projects listed are examples of network additions that would enhance non-motorized transportation opportunities in the valley. The Metropolitan Planning Organization would stress that while these facilities might be a valuable resource, their development as formal transportation corridors can only happen through cooperation, co-collaboration and the accommodation of the concerns and needs of irrigation users and operators, the drainage facility owners and operators and adjacent users and land owners.

The projects below, marked with an asterisk (*), fall into this category. It is recommended that the off-road trails that directly impact school walking routes and the Colorado River Trail System be given priority in the implementation plan. All these projects are of significant scope that they should be evaluated by the elected bodies which have jurisdiction, and implemented on a case-by-case basis. The purpose of this plan is to insure continuity of development, suggest priorities and prescribe development time frames.

Central Grand Junction

<u>Project</u>	<u>Jurisd.</u>	<u>Project</u>	<u>Length</u>	<u>Cost</u>
* Horizon Trail (2000-2005)	City	trail/greenway generally running parallel to drainage from Walker Field Airport to the Colorado River Trail-Blue Heron Section. Acquisition of easements, construction in phases and in coordination with new development as it takes place	(feet) 9,526	Estimate 238,150.00
*Southern Indian Wash Trail (2000-2005)	City	c. 1 mile trail/greenway from I-70 and the Northern Indian Wash Trail to Bookcliff Ave. Acquisition of easements, construction in phases and in coordination with new development	8,971	224,275.00

<u>Project</u>	<u>Jurisd.</u>	<u>Proposal</u>	<u>Length (feet)</u>	<u>Cost Estimate</u>
Colorado River Trail (1994-1996)	Riverfront Commission, City, State Parks	trails/greenways including Blue Heron phase 2 Section (c. 1.5 miles), Riverside Section (c.1.5 miles), Watson Island Levee Section (c.1 mile), Colorado River State Park Section (c. 6 miles); construction in phases		B.H.II: 250,000.00; Riverside: part of flood control, clean-up and redevelopment cost; Watson Island: part of levee cost; State Parks: \$750,000 (first year)
*Grand Valley Canal Trail (2000-2010)	City	c. 5 mile trail from 29 Road west to I-70. Acquisition of easements, construction in phases	26,148	653,700.00
*U.S. Government Highline Canal Trail (1996-2010)	City, County	trail from 29 Road west to H Rd., Acquisition of easements, construction in phases	26,400	660,000.00
TOTAL			71,045.00	2,526,125.00

Redlands

*Ridges Trail extensions (2005-2010)	City, County	a. from Ridges Blvd. under Broadway to Audubon Section of the Colorado River trail b. from Ridges Blvd. to South Camp Road along Red Canyon Wash	a. 1,353 b. 7,964	a. 33,825.00 + 90,000.00 (tunnel cost) b. 199,100.00
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Orchard Mesa

<u>Trail</u>	<u>Jurisd</u>	<u>Project</u>	<u>Length (ft.)</u>	<u>Cost Est.</u>
Orchard Mesa Middle School Trail/Bridge (1995-2000)	City, State Parks	pedestrian/bicycle bridge over Colorado River to Colorado River State Park	c.400	300,000.00
*Orchard Mesa Bluff Trails (1995-2000)	City, County	trail along river bluff from Lamplight Park Subdivision to Orchard Mesa Middle School	7,274	181,850.00
*Orchard Mesa Canal Trails (1994-2010)	City, County	a. upper canal from B 3/4 Road and City Cemetery to A 1/2 Road and U. S. 50;	15,840	396,000.00
		b. lower canal from 28.5 Rd. to Duck Pond Park	10,560	264,000.00
TOTAL			33,674.40	1,141,850.00

1994-2000 PEDESTRIAN-BICYCLE ROUTES AND
PEDESTRIAN/BICYCLE BRIDGES-COST ESTIMATES

BIKE ROUTE	SIGNS	SHOULDERS	BRIDGES
1. Struthers Ave.	120.00		
2. Main St.	480.00		
3. Gunnison Ave.	840.00		
4. Elm Ave.	720.00		
5. Patterson Ave.	1,440.00		
6. I-70	480.00		
7. South Ave.	480.00		
8. 3rd St.	480.00		
9. 4th-5th Sts.	600.00		
10. 6th St.	240.00		
11. Houston, Cannell, 9th Sts., St. Mary's Park	1020.00		
12. 10th St.	480.00		
13. 15th St., Ridge Dr., 27 1/2 Rd. to G Rd.	480.00	63,400.00	
14. S.7th St.	480.00		
15. Little Bookcliff Dr.	240.00		19,700.00
16. H Road	480.00	151,187.00	
17. 26 Road	480.00	126,812.00	
18. 26 1/2 Road	480.00	110,254.00	
19. 27 Road	360.00	63,195.00	
20. Grand Mesa Ave.	180.00		

21. UnawEEP Ave.	480.00	160,806.00	
22. 27 Road	720.00	57,997.00	
23. 27 1/2 Road	420.00	32,817.00	
24. B 1/2 Rd. from U.S. 50 to 29 Road, B Road from 29 Rd. to 30 Rd., 30 Rd. from B Rd. to A 1/2 Rd., A 1/2 Rd. from 30 Rd. to 31 Rd. and B and C.5 Rd. east off 31 Rd.	480.00	809,706.00	
25. B Road	780.00		
26. B 3/4 Road	240.00	17,752.00	
TOTAL	13,680.00	\$1,593,926.00	\$19,700.00

**SCHOOL FACILITY RECOMMENDATIONS
COST ESTIMATES**

SCHOOL	SIDEWALK		A.WALK/BIKE L.		FOOTPATH/TRAIL	
	feet	est \$	feet	est \$	feet	est. \$
1. COLUMBINE						
8th St. S.	280	3,897.60		0.00		0.00
South 8th-10th Sts.	800	22,272.00		0.00		0.00
10th St. Pitkin-South	400	5,568.00		0.00		0.00
11th St. Pitkin South	540	7,516.80		0.00		0.00
9th St. east	1290	17,956.80		0.00		0.00
9th St. west	970	13,502.40		0.00		0.00

2. LINCOLN PARK		0.00		0.00		0.00
White Ave. 15th to 18th	1260	17,539.20		0.00		0.00
17th St. S. of Grand	800	11,136.00		0.00		0.00
18th St. Grand to Gunnison Ave.	2020	28,118.40		0.00		0.00
19th St. W. side Grand to Gunnison Ave.	1040	14,476.80		0.00		0.00
Grand Ave. S side 28th St. 23rd. St.	520	7,238.40		0.00		0.00
Gunnison N side along Lincoln Park	1300	18,096.00		0.00		0.00
Ouray Ave. 15th St. to 19th St.	2060	28,675.20		0.00		0.00
15th St. W side Grand to Chipeta	1140	15,868.80		0.00		0.00
3. TOPE		0.00		0.00		0.00
7th St. from Patterson to the school	3060	42,595.20		0.00		0.00
1st St.	4050	56,376.00		0.00		0.00
Sherwood Park	4752	66,147.84		0.00		0.00
Kennedy 3rd to 5th, 7th Cannell	1260	17,539.20		0.00		0.00

4th and Elm Ct.	1360	18,931.20		0.00		0.00
Bookcliff and 1st St.	700	9,744.00		0.00		0.00
Park Dr. off 1st St.	1100	15,312.00		0.00		0.00
Pinon Ave.	590	8,212.80		0.00		0.00
Bookcliff Ave. from 11th St. to 12th St.	600	8,352.00		0.00		0.00
Viewpoint, Rico, Capra Way	2450	34,104.00		0.00		0.00
Mesa Ave.	850	11,832.00		0.00		0.00
Hall E of 5th St., 6th St.	2000	27,840.00		0.00		0.00
Glenwood Ave. 5th to 7th	1400	19,488.00		0.00		0.00
Patterson Rd. 12th to Viewpoint	3200	44,544.00		0.00		0.00
12th St. from Lowell Ct.	1800	25,056.00		0.00		0.00
Cannell and Mesa Ave.	1560	21,715.20		0.00		0.00
Walnut Ave. S side 7th to 9th	780	10,857.60		0.00		0.00
4. POMONA		0.00		0.00		0.00
1st St. N of Patterson	3900	54,288.00		0.00		0.00
25 Rd. N of Patterson	5100	70,992.00		0.00		0.00

25 1/2 Rd. from Moose Lodge to Independent	5100	70,992.00		0.00		0.00
West Hall Ave.	800	11,136.00		0.00		0.00
West Mesa Ave.	4340	60,412.80		0.00		0.00
Bluegill Ave.	800	11,136.00		0.00		0.00
W Orchard Ave.	3800	52,896.00		0.00		0.00
Minnow Dr.	600	8,352.00		0.00		0.00
Lakeshore Dr.	1400	19,488.00		0.00		0.00
Ridgewood	1100	15,312.00		0.00		0.00
Lilac La.	1120	15,590.40		0.00		0.00
Meander Dr.	2400	33,408.00		0.00		0.00
Fruitridge Dr.	1200	16,704.00		0.00		0.00
1st St. from Independent to Patterson Rd.		0.00	2400	28,800.00		0.00
Footpath from Lilac lane to school		0.00		0.00	730	18,250.00
5. ORCHARD AVE.		0.00		0.00		0.00
Glenwood Ave. 12th- 17th Sts.	4580	63,753.60		0.00		0.00
Bunting Ave.	600	8,352.00		0.00		0.00

Elm Ave. 15th to 20th, 23rd to 28th	2500	34,800.00		0.00		0.00
Elm Ave. S side from 15th to 19th and 24th to 28th	1250	17,400.00		0.00		0.00
Texas Ave. 15th to 17th and 21st to 28th	1200	16,704.00		0.00		0.00
Mesa Ave. S side 21st to 25th	4900	68,208.00		0.00		0.00
Mesa Ave. N side 20th to 21st	310	4,315.20		0.00		0.00
Pinyon Ave. 13th to 17th Sts.	2400	33,408.00		0.00		0.00
Walnut Ave. 21 St. to Lilac Lane	800	11,136.00		0.00		0.00
Bunting N side 19th to 21st and 23rd. to 25th	2430	33,825.60		0.00		0.00
13th St. Bookcliff to Orchard Ave. E side to Mesa W side	2400	33,408.00		0.00		0.00
16th St. Hall to North	3720	51,782.40		0.00		0.00

17th St. from 17th St. Circle to Walnut from Hall to Bunting	1300	18,096.00		0.00		0.00
18th St. west side from Hall to Bunting Ave.	2540	35,356.80		0.00		0.00
19th St. Bookcliff to Orchard and Mesa Aves.	5100	70,992.00		0.00		0.00
20th St., Mesa to Elm and Kennedy to Bunting Ave.	1240	17,260.80		0.00		0.00
21st St. Mesa to Texas Ave.	540	7,516.80		0.00		0.00
23rd St. east side Mesa to Bunting	2560	35,635.20		0.00		0.00
26th St. north end	3260	45,379.20		0.00		0.00
6. NISLEY		0.00		0.00		0.00
28 1/4 Rd. Orchard to North	4940	68,764.80		0.00		0.00
28 3/4 Rd. Texas to North	3000	41,760.00		0.00		0.00
29 Rd.	2560	35,635.20		0.00		0.00
29 1/4 Rd.	2520	35,078.40		0.00		0.00
29 1/2 Rd.	5040	70,156.80		0.00		0.00

Orchard Ave. Normandy to 29 1/2 Rd.	0	0.00	5100	61,200.00		0.00
Elm Ave. 28 Rd. to 28 1/2 Rd. and 28 3/4 Rd. to Melody Lane	6220	86,582.40		0.00		0.00
28 1/4 Rd. E side N of Orchard	500	6,980.00		0.00		0.00
28 3/4 Rd. and Pinyon Aves. N of Orchard Ave.	1640	22,828.80		0.00		0.00
Ashley, Sparn, Pinyon, N of Orchard	2620	36,470.40		0.00		0.00
Walnut, N.View, View Dr., N of Orchard	2700	37,584.00		0.00		0.00
Formay, Sandra, Kennedy, Bunting, Elm, east of 29 Rd.	14760	205,459.20		0.00		0.00
12. LINCOLN ORCHARD MESA		0.00		0.00		0.00
B 1/2 Rd. from US 50 to 28 1/2 Rd. and from 29 Rd. to 30 Rd.	15560	216,595.20		0.00		0.00

28 1/2 Rd. from B Rd. to B 1/2 Rd.	5280	73,497.60		0.00		0.00
29 Rd. from US 50 to UnawEEP Ave.	5280	73,497.60		0.00		0.00
UnawEEP Ave. from 28 1/4 rd. to 29 Rd.	1900	26,448.00		0.00		0.00
13. COLUMBUS		0.00		0.00		0.00
UnawEEP from US 50 to 28 1/2 Rd.	3560	49,555.20		0.00		0.00
27 Rd.	2600	36,192.00		0.00		0.00
Trail from Santa Clara to Orchard Mesa M.S.		0.00		0.00		0.00
Total	201,902.	2,821,611.	7,500	90,000.	730.	18,250.

MIDDLE SCHOOLS

ORCHARD MESA MIDDLE SCHOOL		0.00		0.00		0.00
UnawEEP Ave.	10,560	146,995.20		0.00		0.00
27 and 27 1/2 Rd.	6,630	92,289.60		0.00		0.00
Cheyenne Dr.	3,000	41,760.00		0.00		0.00
OM Irrigation Trail		0.00		0.00	3900	97,500.00
EAST		0.00		0.00		0.00
North Ave.	4,000	55,680.00		0.00		0.00

Gunnison 19th to 14th Sts.	1,000	13,920.00		0.00		0.00
WEST		0.00		0.00		0.00
1st St. from Orchard to Patterson	5,280	73,497.60		0.00		0.00
Trail from Orchard to W. Mesa		0.00		0.00	250	6,250.00
Trail from Lakeside to Patterson and improve footbridge to Little Bookcliff		0.00		0.00	480	12,000.00
Tunnel improvement from West Main to Main St.		0.00		0.00		0.00
	30,470	424,142.	0.00	0.00	4,630.	115,750.

HIGH SCHOOLS, UTECH AND MESA STATE COLLEGE
(see cost estimates for Middle Schools, Elementary Schools and
Bicycle/Pedestrian Routes and Trails)

YEAR 2000-2015 BIKE ROUTES-COST ESTIMATES
 BIKE ROUE SIGNS

SHOULDER

1. D Road #1	780.00	152,917.00
#2		219,582.00
2. G Road	1,080.00	128,337.00
3. 1st St.	600.00	190,260.00
4. 28 Road	240.00	
5. N 7th St.	600.00	32,649.00
6. S 9th St.	240.00	
7. Horizon Drive #1	600.00	76,416.00
#2		94,007.00
8. 29 Road	600.00	162,619.00
9. E 1/2 Road	600.00	99,747.00
10. SH 340-Broadway	1,440.00	571,681.00
11. South Broadway #1	1,020	307,490.00
#2		5,5043.00
12. Vista Grande	240.00	
13. Colonial Drive	180.00	
14. Redlands Parkway	600.00	
15. 5th St. Bridge	480.00	17,435.00
16. 29 Road	420.00	69,452.00
17. 32 Road	1980.00	206,350.00
18. U.S. 50	480.00	111,118.00
21. 24 Road	660.0	196,725.00
TOTAL	\$12,840.00	2,691,828.00

Bike Routes

Areas Served

14. 10th Street, Houston, Cannell St., 10th, 9th, Little Bookcliff Dr.	South Ave.(t), Main St.(c,e), Grand Ave.(c,e), Gunnison Ave.(t), Mesa State College (s), Elm Ave.(t), Houston (t), Cannell St.l, Ave.(t), 10th (t), 9th, Sts.(t), Little Bookcliff Dr.(t), Patterson Rd. (c,e,t)
15. 15th Street, Ridge Drive, 27 1/2 Rd.	Elm Ave. to Horizon Drive via Ridge Drive and 27 1/2 Rd. (r, e, c, p)
16. 28 Road	B I-70 to North Ave.(r,e,c,t), Elm Ave. (t)
17. (a.) N. 7th Street (b.) S. 7th Street	(a.) Orchard (t), Patterson (F Rd.) to Horizon Dr. (e,c), G Rd (t), H Rd. (t), Paradise Hills (r), I Rd.(t,r) (b.) Main St. (downtown)(c,e), Ute and Pitkin Aves.(c,e), Daily Sentinel (c,e), S. Downtown (e), Watson Island Riverfront Park (p), Struthers Ave.(t,e,c), 5th St. bridge over Colorado River (t)
18. 9th Street	south of Ute and Pitkin to D Rd. route (t,e) and Winters Ave. to 7th St.(e,c), Daily Sentinel (c,)

Bike Routes

Areas Served

DIAGONAL

19. Horizon Drive (see also Horizon Trail)	airport(i,t,e), hotels(c,e), offices(e), restaurants(c,e), northern neighborhoods(r), 12th St.(t,r,c), 7th St. (t,c,e)
20. Little Bookcliff Dr. Ave.	Orchard Ave.(t,c), Cannell St.l (t), Mesa State College (s), Community Hospital (e) to Wellington medical offices (e), St. Mary's Hospital (e)

North Grand Junction

EAST-WEST

Bike Routes

Area Served

I-70	Horizon Drive (c,e,t), airport (t), 24 Rd. (c,e), 32 Rd.(c,e) and points east and west (t)
G Road	Machett property (p), Bookcliff Country Club, residential areas (r)
H Road	airport (t,e), Sundstrand (e), BLM (e), Paradise Hills (r)
I, J Roads	route to Fruita (t,c,e), farms and residences (r)

NORTH-SOUTH AND DIAGONAL

Bike Routes

Area Served

26 Road	residential areas (r)
26 1/2 Road	residential areas (r)
27 Road	residential areas (r)
Horizon Drive (see also Horizon Trail-Off Road)	hotels, restaurants, offices (c,e)

Fruitvale-Grand Junction

Bike Routes

Area Served

F 1/2 Road	30 Rd. to 32 Rd. (r), access to Bookcliffs trails (BLM)(p)
29 Road (see also Indian Wash-Off Road Trail)	B I-70 to North Ave. (c), Orchard Ave.(r), F Rd.(r), Bookcliffs trails (BLM)
F Road	Clifton (c,e,r), Fruitvale (c,e,r), north central Grand Junction (e,c,r), St. Mary's Hospital (e), Mesa Mall (c,e)
30 Road	Fruitvale (c,e,r), D Rd., F 1/2 Rd.
Orchard Ave.	Melody La., 29 Rd., 30 Rd., E 1/2 Rd. (r,c,e) connects to Clifton center (c,e,r)
B I-70	Main St. (c,e), 20 Rd., 29 Rd., 30 Rd., 31 Rd.

*Bike Routes**Area Served*

31 Road	B I-70(e,c,t), North Ave. (c,e)
E 1/2 Road	30 Rd., Central High School, B I-70, Clifton center (e,c)
32 Road	US 50 Orchard Mesa (r), Corn Lake (p), Clifton (r,e,c),
E Road (see also Grand Valley Canal Trail)	B I-70 (c,e), 31 Rd. (r), 32 Rd. (r,c,e), 33 Rd. (r)
32.5 Road	D Rd. to D 1/2 Rd.(r)
D Road (see also Colorado River Trail off-road trail)	9th St. (e,c), Regional Center (e), Fruitvale (r,c), Clifton (e,r,c)
33 Road, 33 1/2 Road from D 1/2 Rd. to E 1/4 Road	D 1/2 Rd. (r), F Rd. (r), F 5/8 Rd. (r,t)
G Road	33.75 Rd. to Palisade (r,t)
34 Road	E 1/4 to US 6 (r,t)
U.S. 6	34 Rd., Mt Garfield Middle School (s), residential, farming (r), and Palisade (c,e,r,t)
E 1/4 Road	33 Rd. to 34 Rd. (r,t)
Grand Valley Canal Road	34 Rd. to 35 Rd. (r,t)

*Redlands**Bike Routes**Area Served*

State Highway 340-Broadway	Redlands Parkway to Fruita, Redlands Country Corner(c), Broadway Elementary School(s), Redlands Middle School(s), Monument Village Shopping Center(c,e), residential areas (r)
South Broadway	Redlands Parkway to Broadway (r), Wildwood Drive, Liberty Cap/Ute canyon trail head (Colorado National Monument)(p),Tiara Rado Golf Course (p), residential areas (r)
South Camp Road	South Broadway (r,t), existing and potential residential areas (r), Wingate Elementary School (s), Monument Rd. (t), Colorado National Monument(p), Tabaguache Mt. Bike Trail(t)

*Bike Routes**Area Served*

Monument Road	Broadway (State Highway 340)(t), Audubon Section of Colorado River Trail (p,t), residential areas(r), Tabaguache Mt. Bike Trail(p)
Vista Grande	Loop through residential area from Broadway SH 340 (r)
E Road	connection from 23 Rd. to Bluff Drive (r)and entrance to Audubon Section of Colorado River Trail(t), Vista Grande(r)
23 Road	Broadway (SH 340)to Greenbelt Drive and Connected Lakes section of Colorado River Trail (r,t)
Greenbelt Drive	Redlands Parkway to 23 Rd. and Connected Lakes Section of Colorado River Trail(r)
22 1/2 Road	Broadway (SH 340), Broadway Elementary School, to Saddlehorn Dr.(r)
Saddlehorn Drive	22 1/2 Rd. to Village Way loop through Redlands Village (r)
Village Way	Completion of loop through Redlands Village (r) (see above)
Redlands Parkway	Redlands (r), to Mesa Mall (c,e), 24 and F Road, Colorado River Trail(p), River Rd. (e)
Colonial Drive	Monument Village Subdivision (r)
Rim Rock Drive (Colorado National Monument-already designated)	Monument Rd. in the Redlands to Broadway (SH 340) and Fruita (p)

*Orchard Mesa**Bike Routes**Area Served*

5th Street Bridge	connects downtown Grand Junction with residential areas (r) in Orchard Mesa, DOE compound(e) with Grand Junction (e.c,r)
Grand Mesa Ave.	US 50 at 5th St. bridge over Colorado River to Santa Clara Ave. Lincoln Orchard Mesa School (s) and UnawEEP Ave.(r,t)
UnawEEP Ave.	Santa Clara Ave. to 29 Rd.(t), Orchard Mesa Middle School (s)

*Bike Routes**Area Served*

27 Road	UnawEEP Ave. to B Rd.(t,r)
27 1/2 Road	UnawEEP Ave. to B 1/2 Rd., City Market (c,e)
B 1/2 Road from U.S. 50 to 29 Road (see B Rd., 30 Rd., A.5, B Rd., C.5 Rd.alternative)	27 1/2 Rd. to 32 Rd., City Market (c,e), residential areas (r,t)
29 Road	UnawEEP Ave. to US 50 (r,t)
B Road	29 Rd. to 30 Rd., A 1/2 Rd. to 31 Rd., 32 Rd. (r,t)
32 Road	US 50 (Orchard Mesa), Valley Vista subdivision (r), B Rd., C Rd. to Colorado River Bridge (see Clifton)
U.S. 50	32 Rd. (SH 141) south to Delta
B 3/4 Road	US 50 to Department of Energy compound and proposed bridge over Gunnison River (old Black Bridge site)
Black Bridge (ped/bike bridge)	Proposed new pedestrian, bicycle bridge connecting Orchard Mesa with the Redlands and the Colorado River Trail system
Colorado River Bridge (ped/bike bridge)	Proposed pedestrian/ bicycle bridge over Colorado River from Orchard Mesa Middle school to proposed State Park at the mill tailings site(r,t)

*Northwest**Bike Routes**Area Served*

1. River Road	Broadway (SH 340)(e,c), city shops(e), industrial area(e), Blue Heron Section of Colorado River Trail(p), Redlands Parkway(t), Walker Wildlife Area (p)
2. I-70 Frontage Road	19 Rd. to Fruita (c,e) (continuation of River Rd.)
3. I-70	24 Rd. to Fruita (c,e)
4. I Road	26 Rd. to 20 Rd., farms and residential areas (r)
5. 20 Road	I Rd. to J Rd.(r), Fruita (c,e)
6. J Road	from 20 Rd. to 18 Rd.(r), Fruita (c,e)
7. 18 Road	J Rd. to J 1/2 Rd.(r, t) & E. Aspen Ave., (c,e) Fruita

8. K Road	24 Rd. to 17 Rd.(r), Fruita (c,e)
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B. Proposed Off-Road Pedestrian/Bicycle Trails

(see Proposed Off Road Pedestrian-Bicycle Route Map for precise locations)

In order to implement **Goal II and its objectives** (Section Three), the following projects are proposed to be implemented as follows:

(short term) 1994-2000 years
 (long term) 2000-2015 years

An important component of the off-road trail projects is the gradual acquisition of rights-of-ways and easements through the land development process (as new subdivisions and other developments take place). New developments may be required to provide easements and rights-of-way for bikeways under Section 4.3.5 of the Mesa County Land Development Code and Development Impact Fees can be reduced proportionately if such dedications are made. Similar sections exist in the City of Grand Junction Zoning and Development Code.

NOTE:

The Metropolitan Planning Organization recognizes the challenges involved in the establishment of trails along any existing irrigation or drainage facility. The projects listed are examples of network additions that would enhance non-motorized transportation opportunities in the valley. The Metropolitan Planning Organization would stress that while these facilities might be a valuable resource, their development as formal transportation corridors can only happen through cooperation, co-location and the accommodation of the concerns and needs of irrigation users, operators the drainage facility owners and adjacent land owners, users, and the projects below marked with an asterisk (*) fall into this category.

Central Grand Junction

- *1. **Horizon Trail**(long term)-c. 4.5 mile trail/greenway generally running parallel to Horizon Drive and including parts of the wash preserved as a greenway from Walker Field Airport to the Colorado River Trail-Blue Heron Section.
- *2. **Southern Indian Wash Trail**(long term)-c. 1 mile trail/greenway from I-70 and the Northern Indian Wash Trail to Bookcliff Ave.
- 3. **Colorado River Trail**(short term)-c. 5 mile trail/greenway including Blue Heron phase 2 Section (c. 1.5 miles), Riverside Section (c.1.5 miles), Watson Island Levee Section (c.1 mile), Colorado River State Park Section (c. 1 mile); from Blue Heron phase 1 to 29 Road
- *4. **Grand Valley Canal Trail**(long term)-c. 5 mile trail from 29 Road to I-70
- *5. **U.S. Government Highline Canal Trail**(long term)-c. 5 mile trail from 29 Road to G Road

North Grand Junction

1. **Horizon Trail**(see above)
- *2. **Grand Valley Canal Trail** (see above)
- *3. **U. S. Government Highline Canal Trail** (see above)
- *4. **Indian Wash Trail** (see above)

Fruitvale-Clifton

- *1. **Indian Wash Trail** (see above)
- *2. **U. S. Government Highline Canal Trail** (see above)
- *3. **Grand Valley Canal Trail** (see above)
- *4. **Lewis Wash Trail/Greenway**(long term)-c. 3 miles from I-70 to Colorado River
5. **Colorado River State Park**(short term)-Clifton/Fruitvale Sections-c.3 miles

Redlands

- *1. **Redlands Water and Power Canal**(long term)-from Gunnison River to Monument Road (c. 1.5 miles), from Country Club Park to Redlands Parkway (2.5 miles), from Redlands Parkway to South Broadway at 20 Road (c. 4 miles), from Wingate Elementary School to Monument Canyon Trail Head (c. 3.5 miles)
 2. **Ridges Trail extensions**(long term)-from Ridges Blvd. under Broadway to Audubon Section of the colorado river trail (c. .25 miles), from Ridges Blvd. to South Camp Road along Red Canyon Wash (c. 2 miles)
 3. **Columbus Canyon Trail**(long term) (c. 1 mile) from Redlands Water and Power Canal, under Broadway to Scenic Elementary School Nature Walk across the Redlands Water and Power Canal to the Connected Lakes Section of the Colorado River Trail
 4. **Redlands Middle School Trail System** (short and long term)
 - pedestrian improvements at intersection of Broadway and Redlands Parkway
 - improve on-road walking routes on Broadway leading to the Middle School, between Monument Village Shopping Center (west) and Kansas Ave. (east)
 - institute a bicycle-pedestrian safety program at the school
 - construct a trail from Monument Village (Colonial Drive) to 22.5 Road
 - construct a trail from Redlands Village to northern edge of Middle School
 - construct a trail extension along Redlands Parkway from Monument Meadows Subdivision to the end of the existing Redlands Parkway trail
 - construct pedestrian bicycle trail connections between Country Squire, Forest Hills, Panorama and Monument Village Subdivisions
- (see Redlands Middle School Pathway Recommendations, March 1992)
5. **Redlands Village** (long term)-Monument Village, Colorado River Trail Extensions-(c. 2 mile) river trail greenway from 23 Road to Colonial Drive.

6. **Colorado National Monument Trail Head Connections** (short term)-Liberty Cap/Ute Canyon Trail, Monument Canyon Trail Heads-trail connections to allow direct pedestrian access to these trails.
7. **Monument Road/Little Park Desert Preserve Trail System**-(short term)-(c. 2.2 mile) trail/greenway from Heather Ridge Subdivision to the Colorado National Monument entrance.

Orchard Mesa

1. **Orchard Mesa Middle School Trail/Bridge** (short term)-(c. 400 feet) over Colorado River to Colorado River State Park
2. **Orchard Mesa Bluff Trails**(short term)-(c. .5 miles) trail along river bluff from Lamplight Park Subdivision to Orchard Mesa Middle School
- *3. **Orchard Mesa Canal Trails**(long term)-Upper canal from B 3/4 Road and City Cemetery to A 1/2 Road and U.S. 50. (c. 3 miles); lower canal from 28.5 Road to Duck Pond Park (c. 2 miles)

Northwest

- *1. **Leech Creek/24 Road Trail**(long term)-(c. 2 miles) trail/greenway from I-70 to Blue Heron Section of Colorado River Trail
2. **Colorado River Trail Extension**(long term)-(c. 3 miles) extension west from the Blue Heron section of the Colorado River Trail at the Redlands Parkway to Walker Wildlife Area
3. **Colorado River Trail-Fruita Section**(long term)-(c. 3 miles) from the River Road Section of the Colorado River Trail, south on 19 Road to the Colorado River and then west along the River to the State Highway 340 Bridge, incorporating the old Fruita Bridge

C. PUBLIC/PRIVATE TRANSIT

An important component of the Multi-Modal Plan is the implementation of the **Transportation Development Plan (TDP) 1992** as expressed in **Goal III and its objectives (Section Three of this report)**.

The TDP plan proposes instituting a limited fixed route public transit system with eight routes. The plan proposes that the transit service be implemented by 1995, contingent upon securing dedicated funding in 1994. The eight routes would serve: Fruitvale, Clifton, VA/Eastgate, South Downtown, Downtown, Mesa Mall, North Grand Junction, and the Horizon Drive area. The system could be operated with as few as three busses and one van. The buses would meet once every half hour at a Transit Center located within 1/4 mile of the intersection of 12th Street and North Avenue. The TDP estimates that approximately 25,500 residents would be within the service area in the City of Grand Junction and an additional 11,700 would be served within the unincorporated area of the County.

Approximately 6,900 or 20% of the population within the proposed transit service area are elderly. The fixed route system would provide transit service within one quarter mile of approximately 70 percent of all City of Grand Junction residents and approximately 40 % of all County residents. The fixed route plan would lead to an increase in elderly/disabled ridership of 198 percent and an overall increase in ridership of 262 % over the current Mesability elderly/physically disadvantaged demand-responsive van service. (Transportation Development Plan, 1993-1997, Leigh, Scott & Cleary, Inc., prepared for Mesability Inc., July 21, 1992)

The **Greyhound Bus Station** at 5th and Ute is privately owned and is in an excellent location for intermodal transfers. If the bus station is moved, it should be located centrally with easy access to pedestrian, bicycle, taxi, transit and other modes of transportation.

Other private taxi, bus and van services are important factors in the overall transportation system in the valley and the region. As private carriers, they are market sensitive, but in some cases they may need some public support. For instance, a voucher system for Sunshine Taxi is used by Mesability to encourage elderly-physically disadvantaged riders of the private taxi service.

D. RAIL

Goal IV (Section III) and its objectives states long term recommendations for rail transportation. The following recommendations are designed to implement the goal and objectives over the next five years:

The historic Grand Junction Railroad Station (listed on the National Register of Historic Places) should be rehabilitated using the 1992 ISTEA grant award. Alternative reuses should be considered for the station with primary emphasis given to relocating AMTRAK back into the station.

The 1st Street, South Ave. bike route will provide direct bicycle access to the station. Bike racks and bike route maps should be made available at the station.

Any reconstruction or widening of Ute and Pitkin/1st Street should consider making the station more accessible by pedestrians, bicycles, buses and automobiles.

Increased use of rail passenger transportation nationwide, and especially on the California Zephyr may lead to a demand for improved facilities close to the station such as taxi service, bike rentals, hotels and shuttle vans.

The use of short run rail passenger service from Grand Junction to Moab, Glenwood Springs/Carbondale, and improved, more frequent service from Grand Junction to Denver and Salt Lake City should be investigated. (similar to the Santa Fe Southern Short Line railroad between Santa Fe and Albuquerque).

E. AIRPORT

Goal V and its objectives state the long term transportation goals for the airport as part of the multi-modal plan. The following recommendations would help carry out those goals over the next five to ten years.

A continuous trail system should be extended from Walker Field Airport and Aviator's Park parallel to Horizon Drive to eventually join the Colorado River Trail-Blue Heron section (see "Horizon Trail", Off Road Pedestrian-Bicycle Improvements above)

The airport should continue to market itself as medium-sized hub for destination air service to Western Colorado, eastern Utah and as an intermodal transfer point. This is more feasible with the advent of the smaller turbo prop aircraft and the new Denver Airport.

The ground transportation at Walker Field should be improved over time by adding express vans, bus service (see Public Private Transit above) and air taxi service to Aspen, Vail, and other destination resort/recreation areas in the region.

F. AMERICANS WITH DISABILITY ACT

Goal VI of this report states the long term recommendations for the improvement of the mobility of physically disadvantaged individuals within the MPO Area. The following recommendations would help implement the goal and objectives and should be implemented over the next five years:

All City and County street intersections should be upgraded, over the next five years, to comply with the Americans with Disabilities Act (1992) standards.

The Transportation Development Plan should be implemented by 1995 as a means of allowing physically disadvantaged individuals in the MPO to have improved access throughout the community.

Special physically disadvantaged "safe-corridors" should be designated, connecting major physically disadvantaged destinations in the central areas of the city and county that are designed from portal to portal to be physically disadvantaged accessible, barrier-free and physically disadvantaged-friendly items to be addressed in the safe corridors are sidewalks, intersections, traffic lights, signals etc.

G. FUNDING

Goal VII and its accompanying objectives, outlines the strategy for funding the recommendations of the Multi-Modal Plan. The following recommendations would help achieve the goal and objectives:

The current City and County capital expenditures on roads should be reoriented include pedestrian, physically disadvantaged and bicycle facilities within each road project budget.

The City and County should apply for federal and state funds to leverage local funds for pedestrian, physically disadvantaged and bicycle facilities and transportation systems including Enhancement Funds, State Trails funds, ISTEAs funds, Go-Colorado funds, and County and City Lottery funds.

The City and County should implement the goals of this plan through the consistent application of standards for sidewalks, bike lanes, bike paths, and physically disadvantaged improvements as called for in this plan. The application of standards should take place as part of the review of applications for new developments or as the construction or reconstruction of roads, bridges, public works and other transportation facilities take place.

H. SAFETY AND PUBLIC EDUCATION

Goal I and one of its objectives (para.4) recommends an emphasis on safety and the formation of a citizens advisory committee to promote pedestrian and bicycle safety.

Pedestrian and bicycle safety programs are an important part of the safe use of these modes of transportation. Each school should conduct bicycle and pedestrian safety programs as a regular part of their curriculum (eg. use of helmets, hand signals, obeying traffic signals, respect for each other on the right-of-way). The City Police and County Sheriff can assist in the presentation of these programs.

Public service announcements, brochures, posters and regular media coverage can improve public awareness of safe sharing of the road by automobiles, pedestrians, the physically disabled and bicyclists, and should be a primary duty of the City-County Bicycle/Pedestrian Advisory Committee (see below).

A City-County Citizens Bicycle/Pedestrian Advisory Committee should be appointed by the City Council and County Commissioners to assist in the planning, budgeting, improvement and expansion of the existing and proposed pedestrian/bicycle transportation network. The committee's role should also include physically disabled and intermodal transportation (transit, rail, bus, airplane connections). The committee, which could act in a similar fashion to the Riverfront Commission, would play a lead role in the education of the public in safe travel and sharing of roads and trails. Appropriate staff should be assigned to the Committee as technical advisors. Staff assigned to the Committee should include planners and engineers from the Metropolitan Planning Organization, the City and County; the City Police and County Sheriff; the State Patrol; the State Department of Transportation, City and State Parks, and others.

I. SCHOOL FACILITY RECOMMENDATIONS

Specific recommendations are made under Goal I to improve "all sidewalks, trails, footpaths, and other pedestrian facilities within school walking routes for all elementary, middle and high schools." The following are specific school by school improvements which could be implemented over the next five to ten years in carrying out the goal of this plan. the responsibility for these improvements would be shared between the School district, the students, teachers and parents of the school, and the city county state and federal government utilizing federal and state transportation Enhancement Funds, State Trails funds and other available grants and assistance programs:

ELEMENTARY SCHOOLS

Grand Junction

1. Columbine

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:-

- (1) S of Pitkin and 9th St.
- (2) 9th St. east side from South St. south
- (3) 9th St. west side from 1st. Ave. southb. Attached walkway-

c. School Crossings-

d. Footpaths-

2. Lincoln Park

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:-

- (1) White Ave. from 15th to 18th
- (2) 17th St. south of Grand
- (3) 18th St. Grand to Gunnison
- (4) 19th St. W side Grand to Rood Ave.
- (5) Grand S side 28th St. to 23rd. St.
- (6) 27th St. E side Grand to Gunnison
- (7) Gunnison N side along Lincoln Park golf course
- (8) Ouray 15th St. to 19th St.
- (9) 15th St. W side Grand to Chipeta

b. Attached walkway-

c. School Crossings-

d. Footpaths-

3. Tope

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) widen sidewalks along 7th St. from Patterson Rd. to the school
- (2) 1st St.
- (3) Sherwood Park area
- (4) Kennedy 3rd to 5th, 7th, Cannell St.l
- (5) 4th St. and Elm Ct.

- (6) NE of 1st and Orchard
- (7) Bookcliff and 1st St.
- (8) Park Dr.off 1st St.
- (9) Pinyon Dr.
- (10) Bookcliff Ave. from 11th St. to 12th St.
- (11) Viewpoint, Clara Way, Rico Way
- (12) Mesa Ct
- (13) Hall E of 5th St. and 6th St. S of Orchard
- (14) Glenwood Ave., 5th to 7th
- (15) Patterson Rd. S 12th to Viewpoint
- (16) Mira Vista to 12th St.
- (17) 12th St. from Lowell Ct.
- (18) Cannell St. and Mesa Ave.-Mesa College - Bergman Field
- (17) Walnut Ave. south side 7th St. to 9th St.

b. Attached walkway-

c. School Crossings-

- (1) pedestrian traffic should be directed to the crosswalks, discourage J walking across Patterson and 7th

d. Footpaths-

4. Pomona

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) 1st St. N of Patterson Rd.
- (2) 25 Rd. N of Patterson Rd.
- (3) 25 1/2 Rd. from Moose Lodge to Independent Ave.
- (4) Independent Ave. north side from 1st St. to 25 1/2 Rd., south side from Sunset Lane to 25 1/2 Rd
- (5) West Hall Ave.
- (6) West Mesa Ave.
- (7) Bluegill Ave.
- (8) W. Orchard Ave.
- (9) Minnow Dr.
- (10) Lakeshore Dr.
- (11) Wellington Ave.
- (12) Ridgewood Ave.
- (13) Lilac Lane
- (14) Meander Dr.
- (15) Fruitridge Dr.
- (16) mobile home park (West Lake and Paradise Valley)

b. Attached walkway-

- (1) 1st St. from Lorey Lane to Patterson Rd.

c. School Crossings-

d. Footpaths-

- (1) secure easements and construct trails from Lilac Lane to school

5. Orchard Ave.

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) Glenwood Ave. from 12th St. to 17th St.
- (2) Glenwood Ave. from 23rd to 25th Sts.
- (3) Elm Ave. north side from 15th to 20th and 23rd to 28th
- (4) Elm Ave. south side from 15th to 19th and 24th to 28th
- (5) Texas Ave. 15th to 17th and 21st to 28th
- (6) Mesa Ave. south side 19th to 25th
- (7) Mesa Ave. north side 20th to 21st
- (8) Pinyon Ave. 13th St. to 17th St.
- (9) Walnut Ave. 21st to Lilac Lane
- (10) Bunting Ave. north side 19th to 21st and 23 to 25th
- (11) 13th St. Bookcliff to Orchard Ave. (east side) to Mesa (west side)
- (12) 16th St. generally from Hall Ave. to North Ave.
- (13) 17th St. from 17th Circle to Walnut, generally from hall to Bunting Ave.
- (14) 18th St. west side from Hall to Bunting Ave., east side Elm Ave. to Bunting Ave.
- (15) 19th St. Bookcliff to Orchard Ave. and Mesa Ave. to Bunting Ave.
- (16) 20th St., Mesa to Elm Ave. and Kennedy to Bunting Ave.
- (17) 21st St., Mesa to Texas Ave.
- (18) 23 rd St. east side Mesa to Bunting Ave.
- (19) 26th St. north end

b. Attached walkway-

c. School Crossings-

d. Footpaths-

6. Nisley

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) 28 1/4 Rd. Orchard to North Ave.
- (2) 28 1/4 Rd. Elm to North Ave.
- (3) 28 3/4 Rd. Texas to North Ave.
- (4) 29 Rd.
- (5) 29 1/4 Rd.
- (6) 29 1/2 Rd
- (7) Orchard Ave. Normandy to 29 1/2 Rd.-attached walkways
- (8) Elm Ave. 28 Rd. to 28 1/2 Rd. and southside 28 3/4 Rd. to Melody La.
- (9) 28 1/4 Rd. east side, north of Orchard Ave.
- (10) 28 3/4 Rd. and Pinyon Ave. north of Orchard ave.
- (11) Ashley, Sparr, Pinyon Aves. north of Orchard Ave.
- (12) Walnut, N. View, View Dr. north of Orchard Ave.
- (13) Formay, Sandra, Kennedy, Bunting, Elm, Ebbs Aves., east of 29 Road

Fruitvale - Clifton

7. Chatfield

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) sidewalks on both sides of D 1/2 Rd.
- (2) sidewalks on both sides of E Rd.
- (4) sidewalks on both sides of D Rd.

b. Footpaths-

- (1) pave and secure easements from Royal Ann Way, 32 Rd., and future subdivisions that may develop to the west

8. Thunder Mountain

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) sidewalks on both sides of F 1/2 Rd. from 30 Rd. to 31 1/2 Rd.

b. Footpaths-

- (1) obtain easement along Price Ditch from 31 Rd. west to footpath from F Rd. to school
- (2) secure further trails into the school as the area develops from the southwest

9. Clifton

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) sidewalks on both sides of F Rd. from B-I 70 to Overpass Store
- (2) include sidewalks on both sides of new US 6 and 24 RR bridge
- (3) sidewalks on 33 Rd.
- (4) sidewalks on Lois St.
- (5) sidewalks on 2nd St.

b. Footpaths-

- (1) connect Colony Place with school (foot bridge over canal)
- (2) improve footpath along maintenance road and irrigation ditch from 33 Rd. to Lois

10. Fruitvale

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) sidewalks on south side of F Rd. from 29 1/2 Rd. to 31 Rd.
- (2) sidewalks on both sides of E 1/2 Rd.

b. Footpaths-

- (1) acquire easements and improve trail from Eastwood Mobile Home Park along the south side of Bookcliff Ave. Ave. to the school

Orchard Mesa

11. Mesa View

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) Construct a sidewalk or attached walkway on the south side of B Road from 29 Road to 30 Road.
- (2) construct a sidewalk or attached walkway on the east side of 29 1/2 Road from US 50 to

- B Road.
- (3) 29 ½ Rd. from B Rd. To US 50

b. Footpaths

- (1) acquire easements and construct trails from vacant properties to the south and south west of the school where existing dirt trails are

12. Lincoln Orchard Mesa

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:-

- (1) B 1/2 Rd. from US 50 to 28 1/2 Rd. and from 29 Rd. to 29 3/4 Rd.
- (2) 28 1/2 Rd. from B Rd. to B 1/2 Rd.
- (3) 29 Rd. from US 50 to Unaweeep Ave.
- (4) Unaweeep Ave. from 28 1/4 Rd. to 29 Rd.

13. Columbus

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:-

- (1) sidewalks needed throughout the area.
- (2) Unaweeep Ave. from US 50 to 28 1/2 Rd.
- (3) 27 Rd.

b. Footpaths-

- (1) obtain easements and pave canal road (trail) from Santa Clara Ave. to Orchard Mesa Middle School

Redlands

14. Broadway

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) Broadway (State Highway 340) from Kansas to Panorama Subdivision

b. Construct detached walkways:

- (1) continue Redlands Parkway Trail along south Broadway to Monument Meadows subdivision

c. School Crossings:

- (1) improve pedestrian crossing at Broadway and the Redlands Parkway
- (2) install a crosswalk at Foy Dr. and 22 1/2 Rd.

d. Footpaths:

- (1) construct footpaths and trails called for under the Redlands Middle School recommendations

15. Wingate

- a. Sidewalks:
 - (1) construct sidewalks on both sides of South Camp Rd. from South Broadway to Monument Road when road is reconstructed; as an interim measure construct attached walkways along South Camp from South Broadway to Monument Rd.
 - (2) construct sidewalks or attached walks on Dakota, Buffalo, and Quail Drives
- b. Footpaths/bikepaths
 - (1) obtain easements and construct trails along the Redlands Water and Power canal from Tiara Rado golf course and the Tiara Rado residential areas to the school

16. Scenic

- a. Construct sidewalks, attached walkways/bike lanes:
 - (1) both sides of West Scenic Rd. from school to Broadway when the road is reconstructed
 - (2) both sides of Broadway (SH 340) from the Ridges to the Redlands Parkway
- b. Footpaths/bikepaths
 - (1) obtain easements and construct a trail from Bluebell Lane and Sayre Dr. under Broadway (using the existing culvert which has adequate head room) through Columbus Canyon to school and to the Colorado River Trail via a new pedestrian/bicycle bridge over the Redlands Water and Power Canal

Northwest

17. Appleton

- a. Construct attached walkways/bike lanes:-
 - (1) H Road from 24 Road to 23 Road

B. MIDDLE SCHOOLS

1. Bookcliff Middle School-

- a. Construct or reconstruct sidewalks, attached walkways/bike lanes:
 - (1) on Orchard Ave.,
 - (2) 29 Rd.,
 - (3) 29 1/2 Rd.
 - (4) F Rd.
 - (5) 30 Rd.
- b. Footpaths-
 - (1) Obtain easements and construct footpath to North Ave.
 - (2) pave trails in use on school grounds
- c. Other
 - (1) more cage space to secure bikes at school

2. Orchard Mesa Middle School

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) UnawEEP Ave. (in conjunction with the widening of UnawEEP with full curb, gutter and sidewalk section)
- (2) 27 and 27 1/2 Roads
- (3) Cheyenne Dr.

b. Footpaths/bikeways-

- (1) secure easements and construct paved trail along the Orchard Mesa Irrigation Canal from School to Santa Clara Ave.
- (2) secure easements and develop off road trails to the school as the area develops

3. East Middle School

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:-

- (1) construct sidewalks on North Ave., north side
- (2) construct sidewalks on Gunnison Ave. from 19th St. to 14th St.

4. West Middle School

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) from Orchard Ave. to Patterson Rd. (in conjunction with the reconstruction of 1st Street with full curb, gutter and sidewalk section)

b. Footpaths/Bikepaths-

- (1) secure easements and pave trails from school and end of Orchard Ave. to W. Orchard Ave. and Lorey La.
- (2) secure easements and develop trails from Lakeside Condominiums and Viewpoint Dr. to foot bridge at Little Bookcliff Dr. and parking lot at Wellington Medical Center

c. Pedestrian/bicycle tunnel-

- (1) improve pedestrian/bicycle tunnel under railroad at West Main Street by ramping east end, opening up the tunnel to light and air

d. Bike Routes-

- (1) improve and mark the eastern bike route to school from Elm Ave. to alley, Grand Junction High School parking lot driveway, Sherwood Park Drive to Mesa Ave. and school (see also Valley-wide bike route recommendations)
- (2) improve and mark the western bike route to school to West Orchard to 25 1/2 Rd.

5. Redlands Middle School

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) construct sidewalks or attached walkways bike lanes on both sides of Broadway (State

Highway 340) from Kansas Ave., Redlands Parkway to Monument Village Shopping Center

b. Attached Walkway/bikelane-

- (1) Broadway (State Highway 340) from Ridges Blvd. to Panorama Subdivision

c. School Crossings-

- (1) install two school crosswalks, one on the east end, and one on the west end of the school property and Broadway (State Highway 340)

d. Footpaths/bikepaths

- (1) extend Redlands Parkway paved 8' pedestrian/bicycle trail from its current terminus at South Broadway (State Highway 340) to Monument Meadows Subdivision
- (2) obtain easements and construct paved trail from Middle School north to Vineyards and Redlands Village subdivisions
- (3) obtain easements and construct paved trail from Monument Village Subdivision at Colonial Drive to 21 1/2 Rd. through to Rio Hondo Dr. and to the school.
- (4) obtain easements and pave trail from Panorama Subdivision to Monument Village Subdivision
- (5) obtain easements and pave trail from Forrest Hills, Country Squire, Canyon Creek and Independence Valley Subdivisions to Panorama, Monument Valley and the middle school.
- (6) obtain easements and pave trail from Hodesha Way to Greenwood, Meadowlark Lane and middle school

C. HIGH SCHOOLS

1. Grand Junction High School

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) construct sidewalks in residential areas to the north and east of school (see map)
- (2) construct a trail east-west through Sherwood Park
- (3) reconstruct sidewalks on North Ave., north side from 1st St. to 7th St.

b. Bike/pedestrian routes:

- (1) encourage the use of low traffic routes for walking and bicycling to school connecting Northridge, Willowbrook, Patterson; Lakeside, and area south, avoiding 12th and Horizon Dr. using pedestrian bridge, Little Bookcliff Dr. Bookcliff Ave., 5th St., etc.

c. Bike routes - Develop and encourage the use of low traffic bike routes:

- (1) Elm Ave. to Public Walkway at 7th St., alley, school parking lot
- (2) pave alley east of school from Glenwood Ave. to Orchard Ave.

d. Pedestrian/bicycle tunnel-

- (1) improve pedestrian tunnel under railroad at from West Main St. to the Riverside neighborhood by ramping the eastern side of the tunnel and opening it up to light and air

e. Intersection improvements-

- (1) improve intersection at 1st and Grand to make it safer for pedestrians and bikes

2. Central High School

(See also elementary school reports for Chatfield, Thunder Mt., and Clifton elementary schools)

a. Construct or reconstruct sidewalks, attached walkways/bike lanes:

- (1) construct sidewalks or attached walkways/bike lanes on both sides of E 1/2 Road from 32 Road to 30 Road (in conjunction with the improvement of E 1/2 Road)

b. School Crossings-

- (1) Install crosswalk with pedestrian crossing light at school entrance

c. Footpaths

- (1) pave trail from F Rd. to NW corner of school
- (2) develop paved trail access from F Rd. to the NE corner of school
- (3) develop a safe crossing of RR tracks and B I-70 for students coming from residential areas south of the railroad tracks

D. MESA STATE COLLEGE

1. Construct or reconstruct sidewalks, attached walkways/bike lanes:

a. Install or upgrade sidewalks east of campus: Glenwood, Bunting, Kennedy, etc.

b. Reconstruct Elm Ave. through the campus to slow down traffic and provide wider sidewalks and pedestrian crossing area (landscaped islands, mall)

c. Develop bike and walking routes around campus including:

- (1) **Elm Ave.** east to Clifton and west to river trail, Mesa Mall and Fruita (see valley-wide bike route recommendations)
- (2) **10th St.** south to South Ave., 7th St., the riverfront and Orchard Mesa via the 5th St. Bridge over the Colorado River, and north via College Place to Orchard and Little Bookcliff Dr. and Patterson (F) Road
- (3) Lakeside to Capra Way to Little Bookcliff to 9th to alley and Cannell St.
- (4) Patterson south to the canal, footbridge to Linda Lane and in to campus on Elm
- (5) develop and improve walks through Bergman Field (practice field) and from dormitories to main campus
- (6) improve and mark route through Lincoln Park to campus

E. UTECH

1. Construct or reconstruct sidewalks, attached walkways/bike lanes:

a. construct sidewalk or attached walkway/bike lane on east side of 25 Road from F Road to Blichman Blvd.

2. Bike Routes

a. designate and improve bike route along Orchard Ave. to West Orchard across open space at City Market, 25½ Rd. to Eisenhower to Blichman and school

b. designate Elm Ave. to Grand Junction High school and connecting with the above bike route or Sherwood Park to Elm, independent, 25 1/2 Rd. and school

c. US 6 & 50 to West Lake or Motor St. to 25 1/2 Rd. and school

**MULTI-MODAL TRANSPORTATION PLAN
RECOMMENDED IMPLEMENTATION SCHEDULE
AND COST ESTIMATES**

BIKE ROUTES

IMPLEMENTATION SCHEDULE:

Bold Type: 1994 - 2000

Regular Type: 2000 - 2015

It is recommended that the first step in implementing this plan be the designation and signing of the bike routes shown in bold type. The total cost of the signing effort is estimated to be approximately \$23,000.00 (City: \$11,000; County: \$10,000; State: \$2,000). Other improvements shown in bold type and the routes shown in regular type could be phased into the regular capital improvement program of the City, County and State.

* Indicates projects that may be implemented as part of a larger road reconstruction project (cost estimates are for the shoulder portion of the roadway only).

() Indicates number of bike route signs, Ft.= approximate distance in feet

CENTRAL GRAND JUNCTION

Bike Route *Jurisdiction* *Proposal* *(signs) Distance (ft)* *Cost Estimate*

Struthers Ave. from 5th St. to 7th St.	City	install signs	(2)	120.00
*D Road	Ct,Co	install signs,	(13)	780.00
		shoulder improvement	12,735	152,917.00
Main St.	City	install signs	(8)	480.00
Gunnison Ave.	City	install signs	(14)	840.00
Elm Ave.	City	install signs, eliminate some on street parking	(12)	720.00
Patterson Ave.	City	install signs, eliminate some on street parking	(24)	144.00
G Road	Cty,Co	install signs,	(18)	1,080.00
		improve shoulders	10,688	128,337.00

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance (ft)</i>	<i>Cost Estimate</i>
I-70	State	install signs	(8)	480.00
South Ave.	City	install signs	(8)	480.00
*1st St.	City	install signs, eliminate some on street parking	(10)	600.00
		improve shoulders especially north of Orchard to G Road	15,845	190,260.00
3rd St.	City	install signs	(8)	480.00
5th.-4th Sts.	City	install signs, enforce speed limits	(10)	600.00
6th St.	City	install signs	(4)	240.00
Cannell St., 9th St., St. Mary's	City	install signs	(17)	1020.00
10th St.	City	install signs	(8)	480.00
15th St., Ridge Drive, 27 1/2 Rd. to G Road	City	install signs	(8)	480.00
		improve shoulders on 27 1/2 and G Rds.	5,280	63,400.00
28 Road	City	install signs	(4)	240.00
*N 7th St.	City	install signs	(10)	600.00
		improve shoulder	2,719	32,649.00
S 7th St.	City	install signs	(8)	480.00
9th St.	City	install signs	(4)	240.00
* Horizon Drive	City	install signs, (see below)	(10)	600.00

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance (ft)</i>	<i>Cost Estimate</i>
		widen shoulders and/or construct Horizon Trail	6,352.00	76,416.00
Little Bookcliff Dr.	City	install signs	(4)	240.00
		replace pedestrian bicycle bridge over Grand Valley Canal to Patterson Rd.	1,640.00	19,691.00
TOTAL				675,094.00

NORTH GRAND JUNCTION

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance (ft)</i>	<i>Cost Estimate</i>
I-70	State	install signs		see above
G Road	City	install signs, improve shoulder		see above
*H Road	City,County	install signs	(8)	480.00
		improve shoulder	12,591	151,187.00
I Road	County	install signs	(10)	600.00
		improve shoulder	2,640	31700.00
*26 Road	City	install signs,	(8)	480.00
		improve shoulder	10,561	126,812.00
*26 1/2 Rd.	City	install signs	(8)	480.00
		improve shoulder	9,182	110254.00
*27 Road	City	install signs,	(6)	360.00
		improve shoulders	5,263	63,195.00

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance (ft)</i>	<i>Cost Estimate</i>
*Horizon Drive	City	install signs	(10)	600.00
		improve shoulder or construct Horizon Trail	7,829	76,416.00
TOTAL				562,564.00

FRUITVALE - GRAND JUNCTION

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance(ft)</i>	<i>Cost Estimate</i>
*F½ Road	County	install signs	(8)	480.00
		improve shoulder	10,574	126,968.00
*29 Road	City/ County	install signs	(10)	600.00
		improve shoulder or construct Indian Wash Trail	13,543	162,619.00
F Road	City/ County	install signs	(10)	600.00
*30 Road	County	install signs	(12)	720.00
		improve shoulder	16,092	193,226.00
*Orchard Ave.	City/ County	install signs	(10)	600.00
		improve shoulder	5,280	33,400.00
*B I-70	State	install signs	(11)	660.00
		improve shoulder	16,483	197,921.00
*31 Road	County	install signs,	(4)	240.00
		improve shoulder	8,497	102,028.00
E 1/2 Road	County	install signs	(10)	600.00
		improve shoulder	8,307	99,747.00

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance(ft)</i>	<i>Cost Estimate</i>
32 Road	State, County	install signs	(29)	1,740.00
*E Road	County	install signs,	(12)	720.00
		improve shoulder and/or construct Grand Valley Canal corridor	15,903	190,957.00
*32.5 Road	County	install signs	(4)	240.00
		improve shoulder	2,542	30,523.00
		improve shoulder and/or construct Colorado River Trail (State Parks section from Corn Lake to Watson Island)	18,187	219,582.00
*33 Road, 33 1/2 Road from D 1/2 Rd. to E 1/4 Rd.	County	install signs,	(12)	720.00
		improve shoulder	13,301	159,713.00
*G Road	County	install signs,	(2)	120.00
		improve shoulder	10,575	126,980.00
*34 Road	County	install signs,	(4)	240.00
		improve shoulder	4,904	58,885.00
*U.S. 6	State	install signs	(2)	120.00
*U.S. 6	State	improve shoulder on north side	16,521	198,377.00
E 1/4 Road	County	install signs	(5)	300.00
Grand Valley Canal Road (34 Rd. east to 35 Rd.)	County	install signs	(3)	180.00
TOTAL				1,910,586.00

REDLANDS
Bike Routes

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance (ft)</i>	<i>Cost Estimate</i>
340 - Broadway	State	install, signs	(24)	1,440.00
		improve shoulder	47,610	571,681.00
*South Broadway	County	install signs,	(17)	1,020.00
		improve shoulder	30,192	362,533.00
*South Camp Road	County	install signs,	(6)	360.00
*Monument Road	County	install signs,	(7)	420.00
		improve shoulder	17,025	204,429.00
Vista Grande	County	install signs	(4)	240.00
E Road	County	install signs	(3)	180.00
23 Road	County	install signs,	(7)	420.00
		improve shoulder	2,763	33,177.00
Greenbelt Drive	County	install signs,	(8)	480.00
		improve shoulder	2,184	26,225.00
State Highway 340 (Broadway)	State	install signs,	(28)	1,680.00
* State Highway 340- Broadway	State	install signs	(24)	1,440.00
		improve shoulder as part of reconstruction of highway	9,173	110,146.00
Saddlehorn Drive	County	install signs	(2)	120.00
Village Way	County	install signs	(3)	180.00

Bike Route *Jurisdiction* *Proposal* *(signs)*
Distance(ft) *Cost Estimate*

Colonial Drive	County	install signs	(3)	180.00
Redlands Parkway	County	install signs	(10)	600.00
Rim Rock Drive (Colorado National Monument)	Nat. Park Service	shoulder improvement		
TOTAL				1,482,296.00

ORCHARD MESA

Bike Route *Jurisdiction* *Proposal* *(signs)*
Distance (ft) *Cost Estimate*

*5th Street Bridge	State	install signs	(8)	480.00
		improve shoulder	1,452	17,435.00
Grand Mesa Ave.	City	install signs	(3)	180.00
*Unawweep Ave.	City	install signs,	(8)	480.00
		improve shoulder	13,392	160,806.00
*27 Road	City	install signs	(12)	720.00
		improve shoulder	4,830	57,997.00
*27 1/2 Road	City	install signs,	(7)	420.00
		improve shoulder	2,733	32,817.00
*B 1/2 Road from U.S. 50 to 29 Road, B Rd. from 29 Rd to 30 Rd., 30 Rd. from B Rd. to A 1/2 Rd., A 1/2 Rd. from 30 Rd. to 31 Rd. and B and C.5 Rd. east off 31 Rd.	City/County	install signs,	(8)	480.00

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance(ft)</i>	<i>Cost Estimate</i>
		improve shoulder	7,938 49,345	592,514.00
*29 Road	City/ County	install signs,	(7)	420.00
		improve shoulder	5,784	69,452.00
*B Road	County	install signs, improve shoulder	(13)	780.00
		improve shoulder #1	5207	124,264.00
		improve shoulder #2	8019	190,200.00
*32 Road	State	install signs	(33)	1,980.00
*U.S. 50	State	install signs	(8)	480.00
		improve shoulder	9,254	111,118.00
B 3/4 Road	County	install signs	(4)	240.00
Black Bridge (ped/bike bridge)	County	construct new bridge over Gunnison River from end of Rosevale Rd. to Black Bridge Park and DOE compound	220	150,000.00
Colorado River Bridge (ped/bike bridge)	County, City, State Parks	construct new bridge across Colorado River	400	300,000.00
TOTAL				2,019,613.00

NORTHWEST

<i>Bike Route</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>(signs) Distance(ft)</i>	<i>Cost Estimate</i>
River Road	City/Co..	install signs	(6)	360.00
		improve shoulders	37,342	448,397.00
I-70 Frontage Road	County, Fruita	install signs,	(2)	120.00
		improve shoulders	21,379	25,6710.00
I-70	State	already designated, but very dangerous except for the most experienced cyclists	(20)	1,200.00
*24 Road (see also Leech Creek off-road trail)	City, County	install signs	(11)	660.00
		improve shoulders	16,550	198,725.00
I Road	County	install signs	(14)	840.00
20 Road	County	install signs	(4)	240.00
J Road	County	install signs	(4)	240.00
18 Road	County	install signs	(4)	240.00
K & I Roads	County	install signs	(4)	240.00
TOTAL				907,972.00

Off-Road Pedestrian/Bicycle Trails

(see Proposed Off Road Pedestrian-Bicycle Route Map for precise locations)

NOTE:

The Metropolitan Planning Organization recognizes the challenges involved in the establishment of trails along any existing irrigation or drainage facility. The projects listed are examples of network additions that would enhance non-motorized transportation opportunities in the valley. The Metropolitan Planning Organization would stress that while these facilities might be a valuable resource, their development as formal transportation corridors can only happen through cooperation, co-laboration and the accommodation of the concerns and needs of irrigation users and operators, the drainage facility owners and operators and adjacent users and land owners.

The projects below, marked with an asterisk (*), fall into this category. It is recommended that the off-road trails that directly impact school walking routes and the Colorado River Trail System be given priority in the implementation plan. All these projects are of significant scope that they should be evaluated by the elected bodies which have jurisdiction, and implemented on a case-by-case basis. The purpose of this plan is to insure continuity of development, suggest priorities and prescribe development time frames.

CENTRAL GRAND JUNCTION

<i>Project</i>	<i>Jurisdiction</i>	<i>Project</i>	<i>Length (feet)</i>	<i>Cost Estimate</i>
* Horizon Trail (2000-2005)	City	trail/greenway generally running parallel to Horizon Drive and including parts of the wash preserved as a greenway, drainage from Walker Field Airport to the Colorado River Trail-Blue Heron Section. Acquisition of easements, construction in phases and in coordination with new development as it takes place	9,526	238,150.00
*Southern Indian Wash Trail (2000-2005)	City	c. 1 mile trail/greenway from I-70 and the Northern Indian Wash Trail to Bookcliff Ave. Acquisition of easements, construction in phases and in coordination with new development	8,971	224,275.00
Colorado River Trail (1994-1996)	Riverfront Commission, City, State Parks	trails/greenways including Blue Heron phase 2 Section (c. 1.5 miles), Riverside Section (c.1.5 miles), Watson Island Levee Section (c.1 mile), Colorado River State Park Section (c. 6 miles); construction in phases		B.H.II: 250,000.00; Riverside: part of flood control, clean-up and redevelopment cost; Watson Island: part of levee cost; State Parks: \$750,000 (first year)

<i>Project</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>Length (feet)</i>	<i>Cost Estimate</i>
*Grand Valley Canal Trail (2000-2010)	City	c. 5 mile trail from 29 Road west to I-70. Acquisition of easements, construction in phases	26,148	653,700.00
*U.S. Government Highline Canal Trail (1996-2010)	City, County	trail from 29 Road west to H Rd., Acquisition of easements, construction in phases	26,400	660,000.00
TOTAL			71,045.00	2,526,125.00

NORTH GRAND JUNCTION

<i>Trail</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>Length</i>	<i>Cost Estimate</i>
*Horizon Trail(see above)	City	(see above)		
*Grand Valley Canal Trail (see above)	City	(see above)		
*U. S. Government Highline Canal Trail (see above)	City, County	(see above)		
*Indian Wash Trail (see above)	City, County, BLM	(see above)		

FRUITVALE - CLIFTON

<i>Project</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>Length</i>	<i>Cost Estimate</i>
*Indian Wash Trail (see above)	City, County, BLM	(see above)		

Project *Jurisdiction* *Proposal* *Length* *Cost Estimate*

<p>*Columbus Canyon Trail (2000-2005)</p>	<p>County</p>	<p>trail/greenway from Redlands Water and Power Canal, under Broadway to Scenic Elementary School nature walk across the Redlands Water and Power Canal to the Connected Lakes Section of the Colorado River Trail</p>	<p>4,412</p>	<p>110,300.00</p>
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Project *Jurisdiction* *Proposal* *Length* *Cost Estimate*

<p>*Redlands Middle School Trail System (1994-2005)</p>	<p>County</p>	<p>a. pedestrian improvements at intersection of Broadway and Redlands Parkway b. improve on-road walking routes on Broadway leading to the Middle School, between Monument Village Shopping Center (west) and Kansas Ave. (east) c.institute a bicycle-pedestrian safety program at the school d. construct a trail from Monument Village (Colonial Drive) to 22.5 Road e.construct a trail from Redlands Village to northern edge of Middle School f.construct a trail extension along Redlands Parkway from Monument Meadows Subdivision to the end of the existing Redlands Parkway trail g.construct pedestrian bicycle trail connections between Country Squire, Forest Hills, Panorama and Monument Village Subdivisions</p> <p>(see Redlands Middle School Pathway Recommendations, March 1992)</p>	<p>8,725</p>	<p>d. 218,125.00</p>
<p>Redlands Village (2000 -2010)</p>	<p>County</p>	<p>Monument Village, Colorado River Trail Extensions-(c. 2 mile) river trail greenway from 23 Road to Colonial Drive.</p>	<p>8,725</p>	<p>218,125.00</p>

Project Jurisdiction Proposal Length Cost Estimate

Colorado National Monument Trail Head Connections (1994-1997)	National Park Service, County	Liberty Cap/Ute Canyon Trail, Monument Canyon trail heads-trail connections to allow direct pedestrian access to these trails, development of additional trails in Monument as determined by the National Park Service.	1,818	45,450.00
Monument Road/Little Park Desert Preserve Trail System (1994-1997)	County	trail/greenway from Heather Ridge and monument Road to the colorado National Monument along No Thoroughfare Canyon gulch to the Colorado National Monument	15,792	394,800.00
TOTAL				1,775,750.00

ORCHARD MESA

Trail Jurisdiction Proposal Length (ft.) Cost Estimate

Orchard Mesa Middle School Trail/Bridge (1995-2000)	City, State Parks	pedestrian/bicycle bridge over Colorado River to Colorado River State Park	c.400	300,000.00
*Orchard Mesa Bluff Trails (1995-2000)	City, County	trail along river bluff from Lamplight Park Subdivision to Orchard Mesa Middle School	7,274	181,850.00
*Orchard Mesa Canal Trails (1994-2010)	City, County	a. upper canal from B 3/4 Road and City Cemetery to A 1/2 Road and U. S. 50; b. lower canal from 28.5 to Duck Pond Park	15,840 10,560	396,000.00 264,000.00
TOTAL				745,850.00

NORTHWEST

<i>Project</i>	<i>Jurisdiction</i>	<i>Proposal</i>	<i>Length</i>	<i>Cost Estimate</i>
*Leech Creek/24 Road Trail (1994-1998)	County	(c. 2 miles) trail/greenway from I-70 to Blue Heron Section of Colorado River Trail	10,560	2,640.00
Colorado River Trail Extension (1996-1998)	Riverfront Commission, County	(c. 3 miles) extension west from the Blue Heron section of the Colorado River Trail at the Redlands Parkway to Walker Wildlife Area	15,840	396,000.00
Colorado River Trail-Fruita Section (1998-2000)	Riverfront Commission, County, City of Fruita	south on 19 Road to the Colorado River and then west along the River to the State Highway 340 Bridge, incorporating reconstruction of the historic old Fruita Bridge into a pedestrian/bicycle bridge connecting to Dinosaur Hill trails	c.15,849	3,960.00
TOTAL				402,600.00

1994-2000 PEDESTRIAN-BICYCLE ROUTES AND PEDESTRIAN/BICYCLE BRIDGES-COST ESTIMATES

<i>Bike Route</i>	<i>Signs</i>	<i>Shoulders</i>	<i>Bridges</i>
1. Struthers Ave.	120.00		
2. Main St.	480.00		
3. Gunnison Ave.	840.00		
4. Elm Ave.	720.00		
5. Patterson Ave.	1,440.00		
6. I-70	480.00		

7. South Ave.	480.00		
8. 3rd St.	480.00		
9. 4th-5th Sts.	600.00		
10. 6th St.	240.00		
11. Houston, Cannell, 9th Sts., St. Mary's Park	1020.00		
12. 10th St.	480.00		
13. 15th St., Ridge Dr., 27 1/2 Rd. to G Rd.	480.00	63,400.00	
14. S.7th St.	480.00		
15. Little Bookcliff Dr.	240.00		19,700.00
16. H Road	480.00	151,187.00	
17. I Road	600.00	31,700.00	
18. 26 Road	480.00	126,812.00	
19. 26 1/2 Road	480.00	110,254.00	
20. 27 Road	360.00	63,195.00	
21. F 1/2 Road	480.00	126,968.00	
22. F Road	600.00		
23. 30 Road	720.00	193,226.00	
24. Orchard Ave.	600.00	33,400.00	
25. B I-70	660.00	197,921.00	
26. 31 Road	240.00	102,028.00	
27. 32 Road	1,740.00		
28. E Road	720.00	190,957.00	
29. 32.5 Road	240.00	30,523.00	
30. 33 Road, 33 1/2 Road, from D 1/2 Road to E 1/4 Road	720.00	159,713.00	
31. G Road	120.00	126,980.00	
32. 34 Road	240.00	58,885.00	
33. U.S. 6	120.00	198,377.00	
34. E 1/4 Road	300.00		
35. South Camp Road	360.00	166,785.00	

36. Monument Road	420.00	204,429.00	
37. E Road	180.00		
38. 23 Road	420.00	33,177.00	
39. Greenbelt Drive	480.00	26,225.00	
40. Saddlehorn Dr.	120.00		
41. Village Way	180.00		
42. Rim Rock Drive			
43. Grand Mesa Ave.	180.00		
44. UnawEEP Ave.	480.00	160,806.00	
45. 27 Road	720.00	57,997.00	
46. 27 1/2 Road	420.00	32,817.00	
47. B 1/2 Rd. from U.S. 50 to 29 Road, B Road from 29 Rd. to 30 Rd., 30 Rd. from B Rd. to A 1/2 Rd., A 1/2 Rd. from 30 Rd. to 31 Rd. and B and C.5 Rd. east off 31 Rd.	480.00	809,706.00	
48. B Road	780.00		
49. B 3/4 Road	240.00	17,752.00	
50. Black Bridge (ped/bicycle)			150,000.00
51. Colorado River Bridge (ped/bicycle)			300,000.00
TOTAL	\$23,940.00	\$3,475,220.00	\$469,700.00

**SCHOOL FACILITY RECOMMENDATIONS
COST ESTIMATES**

<i>School</i>	<i>Sidewalk</i>		<i>A. Walk/Bike L.</i>		<i>Footpath/Trail</i>	
	feet	est \$	feet	est \$	feet	est. \$
1. COLUMBINE						
8th St. S.	280	3,897.60		0.00		0.00
South 8th-10th Sts.	800	22,272.00		0.00		0.00
10th St. Pitkin-South	400	5,568.00		0.00		0.00
11th St. Pitkin South	540	7,516.80		0.00		0.00
9th St. east	1290	17,956.80		0.00		0.00
9th St. west	970	13,502.40		0.00		0.00
2. LINCOLN PARK		0.00		0.00		0.00
White Ave. 15th to 18th	1260	17,539.20		0.00		0.00
17th St. S. of Grand	800	11,136.00		0.00		0.00
18th St. Grand to Gunnison Ave.	2020	28,118.40		0.00		0.00
19th St. W. side Grand to Gunnison Ave.	1040	14,476.80		0.00		0.00
Grand Ave. S side 28th St. 23rd. St.	520	7,238.40		0.00		0.00
Gunnison N side along Lincoln Park	1300	18,096.00		0.00		0.00
Ouray Ave. 15th St. to 19th St.	2060	28,675.20		0.00		0.00
15th St. W side Grand to Chipeta	1140	15,868.80		0.00		0.00
		0.00		0.00		0.00

3. TOPE		0.00		0.00		0.00
7th St. from Patterson to the school	3060	42,595.20		0.00		0.00
1st St.	4050	56,376.00		0.00		0.00
Sherwood Park	4752	66,147.84		0.00		0.00
Kennedy 3rd to 5th, 7th Cannell	1260	17,539.20		0.00		0.00
4th and Elm Ct.	1360	18,931.20		0.00		0.00
Bookcliff and 1st St.	700	9,744.00		0.00		0.00
Park Dr. off 1st St.	1100	15,312.00		0.00		0.00
Pinon Ave.	590	8,212.80		0.00		0.00
Bookcliff Ave. from 11th St. to 12th St.	600	8,352.00		0.00		0.00
Viewpoint, Rico, Capra Way	2450	34,104.00		0.00		0.00
Mesa Ave.	850	11,832.00		0.00		0.00
Hall E of 5th St., 6th St.	2000	27,840.00		0.00		0.00
Glenwood Ave. 5th to 7th	1400	19,488.00		0.00		0.00
Patterson Rd. 12th to Viewpoint	3200	44,544.00		0.00		0.00
12th St. from Lowell Ct.	1800	25,056.00		0.00		0.00
Cannell and Mesa Ave.	1560	21,715.20		0.00		0.00
Walnut Ave. S side 7th to 9th	780	10,857.60		0.00		0.00
		0.00		0.00		0.00
4. POMONA		0.00		0.00		0.00
1st St. N of Patterson	3900	54,288.00		0.00		0.00
25 Rd. N of Patterson	5100	70,992.00		0.00		0.00

25 1/2 Rd. from Moose Lodge to Independent	5100	70,992.00		0.00		0.00
West Hall Ave.	800	11,136.00		0.00		0.00
West Mesa Ave.	4340	60,412.80		0.00		0.00
Bluegill Ave.	800	11,136.00		0.00		0.00
W Orchard Ave.	3800	52,896.00		0.00		0.00
Minnow Dr.	600	8,352.00		0.00		0.00
Lakeshore Dr.	1400	19,488.00		0.00		0.00
Ridgewood	1100	15,312.00		0.00		0.00
Lilac La.	1120	15,590.40		0.00		0.00
Meander Dr.	2400	33,408.00		0.00		0.00
Fruitridge Dr.	1200	16,704.00		0.00		0.00
1st St. from Independent to Patterson Rd.		0.00	2400	28,800.00		0.00
Footpath from Lilac lane to school		0.00		0.00	730	18,250.00
5. ORCHARD AVE.		0.00		0.00		0.00
Glenwood Ave. 12th-17th Sts.	4580	63,753.60		0.00		0.00
Bunting Ave.	600	8,352.00		0.00		0.00
Elm Ave. 15th to 20th, 23rd to 28th	2500	34,800.00		0.00		0.00
Elm Ave. S side from 15th to 19th and 24th to 28th	1250	17,400.00		0.00		0.00
Texas Ave. 15th to 17th and 21st to 28th	1200	16,704.00		0.00		0.00
Mesa Ave. S side 21st to 25th	4900	68,208.00		0.00		0.00
Mesa Ave. N side 20th to 21st	310	4,315.20		0.00		0.00
Pinyon Ave. 13th to 17th Sts.	2400	33,408.00		0.00		0.00

Walnut Ave. 21 St. to Lilac Lane	800	11,136.00		0.00		0.00
Bunting N side 19th to 21st and 23rd. to 25th	2430	33,825.60		0.00		0.00
13th St. Bookcliff to Orchard Ave. E side to Mesa W side	2400	33,408.00		0.00		0.00
16th St. Hall to North	3720	51,782.40		0.00		0.00
17th St. from 17th St. Circle to Walnut from Hall to Bunting	1300	18,096.00		0.00		0.00
18th St. west side from Hall to Bunting Ave.	2540	35,356.80		0.00		0.00
19th St. Bookcliff to Orchard and Mesa Aves.	5100	70,992.00		0.00		0.00
20th St., Mesa to Elm and Kennedy to Bunting Ave.	1240	17,260.80		0.00		0.00
21st St. Mesa to Texas Ave.	540	7,516.80		0.00		0.00
23rd St. east side Mesa to Bunting	2560	35,635.20		0.00		0.00
26th St. north end	3260	45,379.20		0.00		0.00
		0.00		0.00		0.00
		0.00		0.00		0.00
		0.00		0.00		0.00
6. NISLEY		0.00		0.00		0.00
28 1/4 Rd. Orchard to North	4940	68,764.80		0.00		0.00
28 3/4 Rd. Texas to North	3000	41,760.00		0.00		0.00
29 Rd.	2560	35,635.20		0.00		0.00

29 1/4 Rd.	2520	35,078.40		0.00		0.00
29 1/2 Rd.	5040	70,156.80		0.00		0.00
Orchard Ave. Normandy to 29 1/2 Rd.	0	0.00	5100	61,200.00		0.00
Elm Ave. 28 Rd. to 28 1/2 Rd. and 28 3/4 Rd. to Melody Lane	6220	86,582.40		0.00		0.00
28 1/4 Rd. E side N of Orchard	500	6,960.00		0.00		0.00
28 3/4 Rd. and Pinyon Aves. N of Orchard Ave.	1640	22,828.80		0.00		0.00
Ashley, Sparr, Pinyon, N of Orchard	2620	36,470.40		0.00		0.00
Walnut, N.View, View Dr., N of Orchard	2700	37,584.00		0.00		0.00
Formay, Sandra, Kennedy,Bunting , Elm, east of 29 Rd.	14760	205,459.20		0.00		0.00
		0.00		0.00		0.00
7. CHATFIELD		0.00		0.00		0.00
D 1/2 Rd.	10400	144,768.00		0.00		0.00
E Rd.	10400	144,768.00		0.00		0.00
D Rd.	10400	144,768.00		0.00		0.00
		0.00		0.00		0.00
		0.00		0.00		0.00
8. THUNDER MT.		0.00		0.00		0.00
F 1/2 Rd. from 30 Rd. to 31 1/2 Rd.	10600	147,552.00		0.00		0.00
Price Ditch 31 Rd. to footpath to school		0.00		0.00	1700	42,500.00
		0.00		0.00		0.00

9. CLIFTON		0.00		0.00		0.00
F Rd. from B I-70 to Overpass Store	7100	98,832.00		0.00		0.00
33 Road from F Road to G Road, from F Road to E Road	21120	293,990.40		0.00		0.00
Lois St.	4600	64,032.00		0.00		0.00
2nd St.	2240	31,180.80		0.00		0.00
Trail to Colony Place with new foot bridge		0.00		0.00	400	10,000.00
Trail along ditch from Lois St. to school		0.00		0.00	700	17,500.00
		0.00		0.00		0.00
10. FRUITVALE		0.00		0.00		0.00
S. side F Rd. from 29 1/2 Rd. to 31 Rd.	2500	34,800.00		0.00		0.00
E 1/2 Rd.	4660	64,867.20		0.00		0.00
Trail from Eastwood mobile home Park through Sunny Meadows Sub. to school	670	9,326.40		0.00		0.00
11. MESA VIEW		0.00		0.00		0.00
S side B Road from 29 Rd. to 30 Rd.	5000	69,600.00		0.00		0.00
E side of 29 1/2 Rd. from US 50 to B Rd.	2400	33,408.00		0.00		0.00
Trails from south and southwest		0.00		0.00	5280	132,000.00
		0.00		0.00		0.00

12. LINCOLN ORCHARD MESA		0.00		0.00		0.00
B 1/2 Rd. from US 50 to 28 1/2 Rd. and from 29 Rd. to 30 Rd.	15560	216,595.20		0.00		0.00
28 1/2 Rd. from B Rd. to B 1/2 Rd.	5280	73,497.60		0.00		0.00
29 Rd. from US 50 to UnawEEP Ave.	5280	73,497.60		0.00		0.00
UnawEEP Ave. from 28 1/4 rd. to 29 Rd.	1900	26,448.00		0.00		0.00
13. COLUMBUS		0.00		0.00		0.00
UnawEEP from US 50 to 28 1/2 Rd.	3560	49,555.20		0.00		0.00
27 Rd.	2600	36,192.00		0.00		0.00
Trail from Santa Clara to Orchard Mesa M.S.		0.00		0.00	3900	97,500.00
		0.00		0.00		0.00
14. BROADWAY		0.00		0.00		0.00
Broadway (SH 340) from Kansas to Panorama sub.	10600	147,552.00		0.00		0.00
Trail from end of Redlands parkway to Monument Meadows sub.		0.00		0.00	1200	30,000.00
Crosswalk at Foy Drive and 22 1/2 Rd.		0.00		0.00		0.00
Trails (see Redlands Middle School)		0.00		0.00		0.00
		0.00		0.00		0.00

15. WINGATE		0.00		0.00		0.00
South Camp road from S. Broadway to Monument Road	9600	133,632.00		0.00		0.00
Dakota, Buffalo, Quail Drs.		0.00		0.00		0.00
Trail along Redlands Water and Power Canal from Tiara Rado to school		0.00		0.00		0.00
16. SCENIC		0.00		0.00		0.00
West Scenic Rd. from Broadway to school	700	9,744.00		0.00		0.00
Broadway from Ridges Blvd. to Redlands Parkway	17600	244,992.00		0.00		0.00
Trail from Bluebell Lane under Broadway using the exiting culvert to school and across Redlands Water and Power tail race to the Audubon Section of the Colorado River Trail	1600	22,272.00		0.00		0.00
17. APPLETON		0.00		0.00		0.00
H Road from 24 Road to 23 Road		0.00	1600	19,200.00		0.00
TOTAL	334,092	2,343,877	9,100	109,200	13,910	347,750

MIDDLE SCHOOLS

	ft.	cost est.	ft.	cost est.	ft.	cost est.
BOOKCLIFF						
Orchard Ave.	5000	69,600.00		0.00		
29 Road	5000	69,600.00		0.00		

29 1/2 Rd.	5000	69,600.00		0.00		
F Rd.	5280	73,497.60		0.00		
30 Rd.	4800	66,816.00		0.00		
North Ave. trail		0.00		0.00	1250	31,250.00
School ground trails		0.00		0.00	5280	132,000.00
ORCHARD MESA MIDDLE SCHOOL		0.00		0.00		0.00
UnawEEP Ave.	10,560	146,995.20		0.00		0.00
27 and 27 1/2 Rd.	6,630	92,289.60		0.00		0.00
Cheyenne Dr.	3,000	41,760.00		0.00		0.00
OM Irrigation Trail		0.00		0.00	3900	97,500.00
EAST		0.00		0.00		0.00
North Ave.	4,000	55,680.00		0.00		0.00
Gunnison 19th to 14th Sts.	1,000	13,920.00		0.00		0.00
WEST		0.00		0.00		0.00
1st St. from Orchard to Patterson	5,280	73,497.60		0.00		0.00
Trail from Orchard to W. Mesa		0.00		0.00	250	6,250.00
Trail from Lakeside to Patterson and improve footbridge to Little Bookcliff		0.00		0.00	480	12,000.00
Tunnel improvement from West Main to Main St.		0.00		0.00		0.00
REDLANDS		0.00		0.00		0.00
Broadway	11,200	155,904.00		0.00		0.00
Broadway		0.00	11,200	134,400.00		0.00

Trail from end of Redlands Parkway to Monument Meadows subdivision		0.00		0.00	1,200	30,000.00
Trail north from Middle School to Redlands Village		0.00		0.00	650	16,250.00
Trail from Colonial Drive to 21 1/2 Rd./or directly to the school		0.00		0.00	2,200	55,000.00
Trail from Panorama to Monument Village Subdivision		0.00		0.00	1,500	37,500.00
Trail from Forrest Hills, Country Squire, Canyon Creek, and Independence Valley subdivision to the school		0.00		0.00	1,020	25,500.00
Trail from Hodesha Way to Greenwood, Meadowlark Lane and the school		0.00		0.00	5,000	125,000.00
TOTAL	66,750	929,160	11,200	134,400	22,730	568,250

HIGH SCHOOLS, UTECH AND MESA STATE COLLEGE
(see cost estimates for Middle Schools, Elementary Schools and Bicycle/Pedestrian Routes and Trails)

YEAR 2000-2015 BIKE ROUTES
COST ESTIMATES

<i>Bike Route</i>	<i>Signs</i>	<i>Shoulders</i>	
1. D Road #1	780.00	152,917.00	
#2		219,582.00	
2. G Road	1,080.00	128,337.00	
3. 1st St.	600.00	190,260.00	
4. 28 Road	240.00		
5. N 7th St.	600.00	32,649.00	
6. S 9th St.	240.00		
7. Horizon Drive #1	600.00	76,416.00	
#2		94,007.00	
8. 29 Road	600.00	162,619.00	
9. E 1/2 Road	600.00	99,747.00	
10. SH 340-Broadway	1,440.00	571,681.00	
11. South Broadway #1	1,020	307,490.00	
#2		5,5043.00	
12.Vista Grande	240.00		
13. Colonial Drive	180.00		
14.Redlands Parkway	600.00		
15. 5th St. Bridge	480.00	17,435.00	
16. 29 Road	420.00	69,452.00	
17. 32 Road	1980.00	206,350.00	
18. U.S. 50	480.00	111,118.00	
19. I-70 Frontage Road	120.00	256,710.00	
20.I-70	1,200.00		
21. 24 Road	660.00	196,725.00	
22. I Road	840.00		
23. 20 Road	240.00		
24. J Road	240.00		
25. 18 Road	240.00		
26. K Road	240.00		
TOTAL	\$15,960.00	2,948,538.00	0.00

**OFF ROAD PEDESTRIAN/BICYCLE TRAILS
COST ESTIMATES**

<i>Trail</i>	<i>Year</i>	<i>Length (ft.)</i>	<i>Cos Esimae</i>
1. Horizon Trail	2000-2005	9,526	238,150.00
2. Southern Indian Wash Trail	2000-2005	8,971	224,275.00
3. Colorado River Trail	1994-1996		
Blue Heron Section		7,920	250,000.00
Riverside Section		7,920	250,000.00
Jarvis-Watson-State Park Section		10,560	264,000.00
Colorado River State Park Section-Corn Lake to Grand Junction		31,680	792,000.00
4. Grand Valley Canal Trail	2000-2010	26,148	653,700.00
5. U. S. Government Highline Canal	1996-2010	26,400	317,000.00
6. Lewis Wash Trail	2005-2015	12,130	303,250.00
7. Redlands Water and Power Canal	2000-2005		
a. Gunnison River to Monument Road		7,423	185,575.00
b. Country Club Park to Redlands Parkway		16,063	401,575.00
c. Redlands Parkway to South Broadway at 20 Road		26,999	674,975.00
d. Wingate Elementary School to Monument Canyon Trail Head		23,594	589,850.00
8. Ridges Trail Extensions	2005-2010		
a. Ridges Blvd. under Broadway via new tunnel to Colorado River Trail		1,353	123,825.00

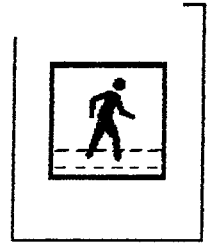
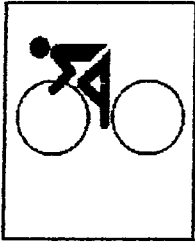
b. Ridges Blvd. to South Camp Rd. along Red Canyon Wash		7,964	199,100.00
9. Redlands middle School trail system	1994-2005	8,725	218,125.00
10. Redlands Village-Monument Village Trail-Colorado River Trail extension	2000-2010	8,725	218,125.00
11. Colorado National Monument Trail head Connections	1994-1997	1,818	45,450.00
12. Monument Road/Little Park Desert Preserve Trail System	1994-1997	15,792	394,800.00
13. Orchard Mesa Bluffs trail	1995-2000	7,274	181,850.00
14. Orchard Mesa Canal trails	1994-2010		
a. upper canal from B 3/4 Road to A 1/2 Rd. and U.S. 50		15,840	396,000.00
b. lower canal from 28.5 Road to Duck Pond Park		10,560	264,000.00
15. Leech Creek trail	1994-1998	10,560	264,000.00
16. Colorado River Trail Extension-Redlands Parkway to Walker Wildlife area	1996-1998	15,840	396,000.00
17. Colorado River Trail Extension-Fruita section from 19 Road to old Fruita Bridge and Dinosaur Hill	1998-2000	15,840	396,000.00
TOTAL		335,625.00	8,241,625.00

Annual Budget Example:

\$8,241,625 over 20 years = \$412,081 per year

Assuming private, federal and state matching share of 50% = \$206,040 per year

Way
Process so far
Recommendations
{What's next}
{Councils Role}
City's Role



MULTI-MODAL STUDY AND PLAN

Objectives:

Analyze:

-existing and projected traffic volumes (automobile, pedestrian and bicycle)

-growth and development patterns

Address:

-primarily pedestrian, bicycle and other non-motorized transportation networks

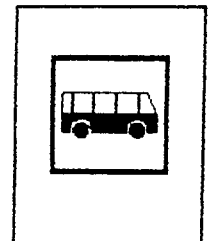
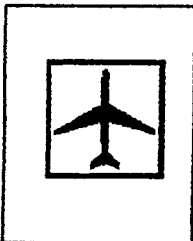
-both recreational and commuting uses

-compliance with the Americans with Disability Act

Purpose:

-to plan and program for present maintenance and signing needs and to plan and program for future route segments and paths based on area growth

-to develop policy recommendations for action by elected officials



**INTERMODAL SURFACE TRANSPORTATION EFFICIENCY ACT (1991)
(ISTEA)**

-NEW EMPHASIS ON TRANSPORTATION PLANNING

-NEW EMPHASIS ON METROPOLITAN PLANNING ORGANIZATION (MPO'S) AND THE STATE DEPARTMENT OF TRANSPORTATION

KEY FACTORS TO BE CONSIDERED IN PLANNING:

-ENVIRONMENTAL EFFECTS

-SOCIAL, ECONOMIC, ENERGY, ENVIRONMENTAL VALUES

-CONSISTENT WITH LAND USE PLANNING

-EMPHASIS ON ENERGY EFFICIENCY

-PRESERVATION OF EXISTING FACILITIES:
USE OF EXISTING FACILITIES WILL BE A REQUIREMENT

-LOW COST IMPROVEMENTS, RIDE SHARING, PRICING, ENCOURAGEMENT
OF TRANSIT MUST BE INTEGRAL TO THE PROCESS

-ALL TYPES OF TRANSPORTATION MUST BE CONSIDERED

-RIGHTS OF WAY TO BE CONSIDERED FOR ALL TRANSPORTATION
MODES

-ISTEA RECOGNIZES IMPORTANCE OF BICYCLE AND PEDESTRIAN
FACILITIES AS A MODE OF TRANSPORTATION

PLANNING PROCESS

<p>I. DATA COLLECTION</p> <ul style="list-style-type: none">A. PRIOR STUDIESB. DATA<ul style="list-style-type: none">-MOTORIZED/NON-MOTORIZED-TRAFFIC COUNTS-1990 CENSUS-PEDESTRIAN BICYCLE COUNTS-COUNTY/CITY GROWTH AND DEVELOPMENT-EXISTING SYSTEM-AMERICANS WITH DISABILITIES STANDARDS-MAINTENANCE STANDARDSC. USER INTERVIEWS	
<p>II. NEEDS, OPPORTUNITIES, CONSTRAINTS</p>	
<p>II. GOALS, OBJECTIVES</p>	
<p>V. ALTERNATIVES</p>	
<p>V. PREFERRED ALTERNATIVE</p>	
<p>VI. ADOPTION BY CITY AND COUNTY</p>	

PUBLIC PARTICIPATION STRATEGY

I. CITIZENS PARTICIPATION NEEDS ASSESSMENT

II. CITIZENS ADVISORY COMMITTEE

III. METROPOLITAN PLANNING ORGANIZATION MEETINGS

IV. NEWSLETTERS

V. PUBLIC WORKSHOP (DRAFT PLAN)

VI. PUBLIC WORKSHOP (FINAL PLAN)

VII. PUBLIC HEARINGS

A. COUNTY COMMISSIONERS/PLANNING COMMISSION

B. CITY COUNCIL/PLANNING COMMISSION

To P.C. - July 6th for Adoption

To City Council - July 21st for Adoption

(By resolution the multi-modal Study AND PLAN AS AN APPENDAGE to the Transportation Element of the Comprehensive PLAN.

NOTE: LAST OCTOBER City Council adopted the ROAD NEEDS STUDY!

PRIOR STUDIES AND PLANS

1. Road Needs Study (1992)
 - presents road needs for 1995 and year 2000
 - stresses integration of pedestrian/bicycle improvements as roads are improved
2. Off-Road Pedestrian/Bicycle Study (1990)
 - recommends using canals as trail resource
3. Transportation Development Plan (1992)
 - recommends phasing in public transit system in 1994 (8 bus lines-transfer point at North/12th)
 - elderly/physically disabled service to be continued
 - ride sharing/van pooling recommended also
4. Redlands Middle School (1992)
 - recommended pathway system around the new middle school
5. Colorado River Trail Plan (1987)
 - existing system provides excellent east west off-road spine trail (6 miles completed)
 - proposed next phases:
 - Blue Heron II
 - State Park from Corn Lake to Watson Island
 - Connected Lakes State Park trails
 - Pedestrian bicycle Bridge over the Gunnison River to Department of Energy compound connecting the Redlands with Orchard Mesa
 - Pedestrian/bicycle bridge over Colorado River from Orchard Mesa to South Downtown Grand Junction and new State Park
 - Complete unfinished sections from Clifton to Palisade and Fruita to Loma
6. Statewide Trails Plan (1993)
7. State Department of Transportation 5 Year Plan
8. Amtrack
9. Intercity Bus Service
10. Walker Field Airport
11. 5th Street Corridor
12. Parks and Recreation and Open Space Plan (1992)
Recreation Survey, Emphasis on trails

NEEDS ANALYSIS

(MAJOR ROAD NEEDS STUDY, CRSS, 1992)

HIGH TRAFFIC ROADS (5-10,000 average daily traffic 1990-95)

Needing improvement 1993-1995:

- | | |
|---------------------|-----------------|
| 1. North Ave. | 9. 1st Street |
| 2. F Road | 10. 5th Street |
| 3. Ute/Pitkin Aves. | 11. 12th Street |
| 4. 5th Street | 12. B I-70 |
| 5. Grand Ave. | 13. F Rd. |
| 6. U.S. 6 & 50 | 14. I-70 |
| 7. Redlands Parkway | 15. US 50 |
| 8. Broadway | |

After 1995:

1. Grand Ave.
2. Horizon Drive
3. 30 Rd.

Grand Valley Bike Survey 1992

-most Grand Junction households that have a bicycle have at least two

-bicyclists are of all age groups-the highest % are in the 31-40 year old group

-highest number who ride, ride for recreation, fitness and competition

-the vast majority are not satisfied with existing bike routes

School Population-Students who are not Transported by School District 51-1992

Elementary School (1 mile walking radius)
46% or 3,978 students are not transported

Middle School (2 mile walking radius)
45% or 1,920 are not transported

High School (2 mile walking radius)
69% or 3,422 are not transported

NATIONAL BICYCLE USE FACTORS APPLIED TO MESA COUNTY

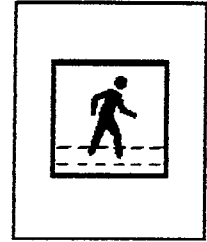
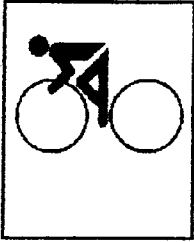
	U.S.	%	MESA COUNTY
TOTAL	96 million	39	36,270
ADULTS	52 million	21	19,530
CHILDREN	44 million	18	16,740

From: Bicycle Federation of America 1992

TYPE OF BICYCLISTS

	U.S (millions)	%	MESA COUNTY
ADULTS CYCLING REGULARLY	27.5	11.0	10,230
BICYCLING COMMUTERS	4.0	1.6	1,512
ADULTS CYCLING IN COMPETITION	.2	0.08	744
MT. BIKERS	20.2	8.2	7,719
TOURING	1.5	0.6	558
RECREATIONAL EVENT CYCLING	3.5	1.4	1,302

From: Bicycle Federation of America, 1992



MEETING NOTICE
SECOND PUBLIC WORKSHOP

DRAFT
MULTI MODAL TRANSPORTATION PLAN

A BICYCLE, PEDESTRIAN PLAN FOR THE GRAND VALLEY

You are invited to attend the second public workshop and open house on the draft Mesa County/Grand Junction Multi-Modal Transportation Plan. The purpose of the plan is to emphasize pedestrian and bicycle modes of transportation, to integrate all forms of transportation into a comprehensive network, and to develop more viable neighborhoods by connecting them with trail systems. At this second meeting attendees will be asked to help revise the final draft of the plan and to suggest solutions for its implementation.

Time: 7:30 p.m.

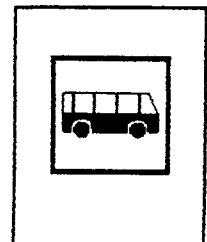
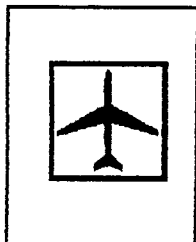
Date: May 18, 1993 *Tuesday*

Place: Hearing Room

Mesa County Administrative Service Building
750 Main Street
Grand Junction, CO 81501

For more information please call:

Bennett Boeschstein
Multi-Modal Coordinator
Mesa County Division of Engineering and Design
750 Main Street
Grand Junction, CO 81501
(303) 244-1813



SUMMARY

REVISIONS TO MESA COUNTY/GRAND JUNCTION METROPOLITAN PLANNING ORGANIZATION'S BICYCLE-PEDESTRIAN PLAN

INCORPORATING PUBLIC COMMENTS- INPUT REQUESTED ON FINAL DRAFT PLAN AND IMPLEMENTATION STRATEGY

The second public workshop on the Mesa County/Grand Junction Metropolitan Planning Organization's Multi-Modal Transportation Plan will be held on Tuesday May 18, 1993 at the Mesa County Administrative Service Building, 750 Main Street, Grand Junction, CO. The purpose of this meeting will be to briefly review the purpose of the study and the revisions that have been made since the last meeting. Participants will then be asked to help make final revisions to the final plan and propose implementation strategies.

Since the last public workshop, the following revisions have been made to the draft Plan:

- a clarification of the proposed trail system along the irrigation canals. The revised language states that the trail system along canals can only become a reality with the full coordination and cooperation of the canal companies and that no trail development can take place without the canal companies' agreement.

- a new section of the plan discusses the need for public education and pedestrian/bicycle safety campaigns to be led by a proposed City/County Pedestrian/Bicycle Committee appointed by the City Council and the County Commissioners.

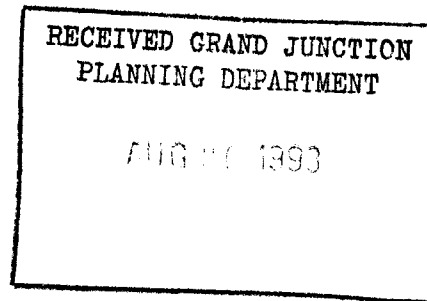
- several additions and deletions to the proposed on-road bike route map have been made in response to public input, including the addition of 3rd St. and 15th St as north-south bike routes, the addition of D 1/2 Rd. as an east west bike route, the addition of the Redlands Parkway and Broadway as long term bike routes, the deletion of B 1/2 Rd. between 29 Rd and 32 Rd., and the addition of 29 to A 1/2 to 31 to C 1/2 as alternatives. Bike route proposals are separated into short and long term projects and specific recommendations are made for the improvement of each route such as the improvement of shoulders, signs, and removing some on street parking.

- the off-road trail map has also been revised in response to public comment. A proposed trail has been added along the north bank of the Gunnison River from the DOE Compound to Whitewater. Most of this trail would be on BLM land.

- a section itemizing the needed improvements of the proposed bike routes and off road trails with approximate costs and time frame for completion has been prepared

-detailed plans of proposed physically disadvantaged corridor improvement maps of central Grand Junction and central Clifton has been prepared

On April 20, as a demonstration project, the students and teachers at Redlands Middle School built a short trail segment as part of their week-long community service program. The trail runs from nearby subdivisions to 21 1/4 Rd., near the Middle School. The project demonstrates the kinds of self-help trail projects that can be built on public rights-of-way around each school.



August 26, 1993

Mesa County Board of Commissioners
750 Main Street
Grand Junction, CO 81501

Grand Junction City Council
250 North 5th Street
Grand Junction, CO 81501

Multi Modal Transportation Plan Committee
Grand Junction, CO 81501

Dear Commissioners:

We are writing to you because of our continuing concern over the impacts the Multi Modal Transportation Plan Committee (MMTPC) may be endorsing which will affect the canal companies. As you know various members of our organizations have attended open public meetings about the plan. Separately and together we have discussed the plan with the coordinator and with committee members. The coordinator has attended board meetings. And finally, separately we have expressed our views on the plan in correspondence.

We have prepared this letter jointly since we do not believe that all parties are taking our concerns seriously. We also do not believe that the MMTPC fully understands the implications of developing the canal rights of way as corridors nor do they appreciate the substantial amount of private real and personal property which will be placed at risk as a result of converting these private access routes to public use.

Much of the canal access is private ground owned by individuals other than the canal companies. The canals have easements over this ground and do not have the right to govern its use other than for canal operation and maintenance. The canal companies will object to use of their easements for any purpose other than that for which they have been designated.

Other lands which are directly owned by the canal companies will not willingly be made a part of or contributed to a public right of way program.

The canal companies have advertised their objection to use by the public of the rights of way and their private grounds throughout their existence and most recently again this summer. The companies consider use of these access routes by the public to be trespass.

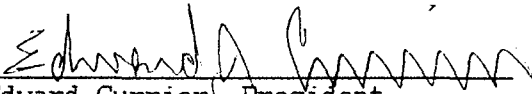
Reasons for this are the damage that can be done to personal property owned by the canals through damage to headgates and other structures, damage that can be done to irrigator's property through unauthorized operation of the

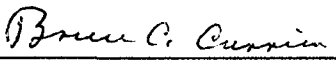
Mesa County Board of Commissioners
Grand Junction City Council
Multi Modal Transportation Plan Committee
Page 2

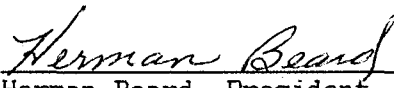
headgates and changes in water flows, loss of water to irrigators while operations are closed for repairs and most importantly loss of life. Currently all of these items are problems for the companies. These problems will multiply with sanctioned public use.

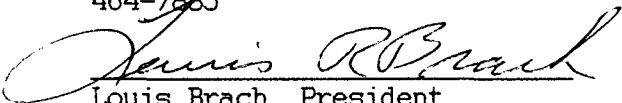
We feel obligated to inform you that we will legally discourage any effort made to open our rights of ways and deeded property to public use.

Sincerely,


Edward Currier, President
Grand Valley Irrigation Company
688 26 Road
Grand Junction, CO 81506
242-2762


Bruce Currier, President
Grand Valley Water Users Association
500 South Tenth Street
Grand Junction, CO 81501
242-5065


Herman Beard, President
Orchard Mesa Irrigation District
P.O. Box 356
Palisade, CO 81526
464-7885


Louis Brach, President
Redlands Water & Power Company
197 Power Road
Grand Junction, CO 81503
243-2173

PEDESTRIAN-BICYCLE COUNTS

1993

MODE KEY:

W-WALKING P-PHYSICALLY DISADVANTAGED
 J-JOGGING R-ROLLER BLADE, SKATES
 B-BIKING T-TOTAL
 *-HORSEBACK

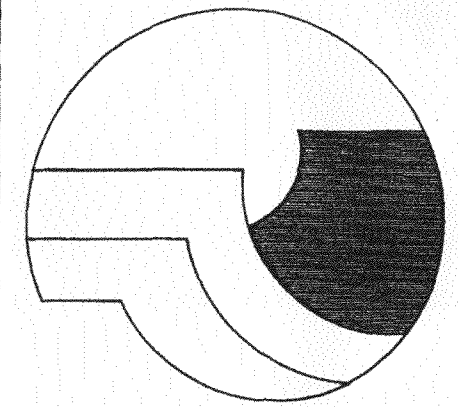
LOCATION	DATE	TIME	WEATHER	W	J	B	P	R	T
1. Hwy 340 and Colorado River	3/29	9:30 a.m.	sunny, warm	8		5			13
2. Sunstrand at H Rd. and Hilaria	3/26	7:30- 8:30 a.m.	cloudy, breezy		3	1			4
3. Main St. and 6th St.	3/31	10:30 12:40 p.m.	partly cloudy, chilly	539		20			564
4. Main St. and 5th St.	3/25	10:30 a.m.- 12:30 p.m.	sunny, warm	718		15			733
5. Main St. and 4th St.	4/1	10:30 a.m.- 12:30 p.m.	cloudy, chilly	704		19	1		724
6. Mesa State, 12th and North	3/30	7:30- 8:09 a.m.	clear, chilly	16					16
7. Mesa State College, 12th and Elm Ave.	4/16	12:00 - noon	clear, chilly	52		6			58
8. Mesa State College, crosswalk at Elm Ave.	4/16	8:50 a.m.- 10:20 a.m.	cloudy, chilly	834		7	1		842
9. Mesa State, 12th St. at Bunting Ave.	4/23	10:33 - 11:33 a.m.	cloudy	231		6			237

10. Clifton, 32 Rd. and B I-70, loop to F Rd.	3/31	3:15- 5:00 p.m.	cloudy, cool	14		3			17
11. Clifton, 32 Rd. and Bus I-70 fr. Mesa Pointe parking lot	4/3	1:40- 2:30 p.m.	cool, cloudy	6		6			12
12. Lincoln Park, near barn	3/29	11:00 a.m.	chilly, rainy	47	1	1	1		50
13. St. Mary's Hospital, Patterson and 7th St.	3/26	7:25- 8:30 a.m.	clear, sunny, cool	98		10	1		109
14. 5th St. Bridge over Colorado River at Struthers Ave.	4/28	3:20- 5:30 p.m.	sunny, warm	10		32			42
15. 5th St. Bridge over Colorado River	4/26	7:00- 9:00 a.m.	cool			12			12
16. 5th St. Bridge over Colorado River at Struthers Ave.	3/29	7:22- 8:30 a.m.	foggy			5			5
17. DOE Compound-RUST Geotech	4/1	7:30- 9:00 a.m.	clear, breezy, chilly			3			3
18. DOE Compound-RUST Geotech	4/19	7:00- 8:30 a.m.	clear, chilly			5			5
19. Lincoln Park, near barn	4/8	2:35- 3:05 p.m.	clear, cool, breezy	10	4	8	1	4	55

32. Orchard Ave. and 29 1/2 Rd. (Bookcliff Middle School)	4/21	7:00 a.m.-8:00 a.m.	warm, sunny	21		65			86
33. Orchard Ave. and 29 Rd. (Bookcliff Middle School)	4/21	2:00 p.m.-3:00 p.m.	warm, sunny	55		45		1	101
34. Riggs Hill parking lot	4/27	8:40-9:40	warm, sunny	5					5
35. Central High School at E 1/2 Rd.	4/28	2:30-3:00 p.m.	sunny, warm	13		2			15
36. Grand Valley Canal at 15th St.	4/25	12:45-2:45 p.m.	warm, sunny	6	1			3	10
37. Riggs Hill-interpretive trail, South Broadway at South Camp Rd.	5/2	1:30-3:15 p.m.	warm, sunny	19					19 (1) *
38. Redlands Water and Power Company	5/2	1:30-3:15 p.m.	warm, sunny	1		1			2
39. Mesa Grande and Mockingbird and Redlands Water and Power Canal	5/1	1:15-3:15 p.m.	warm, sunny						0
40. SH 340 at Colorado River Bridge-east end	5/2	4:15 p.m.-6:00 p.m.	warm, sunny	10	1	39		6	58 (2) *
41. SH 340 Colorado River Bridge-east end	5/2	11:10 a.m.-1:10 p.m.	overcast, warm	4		41			45

42. SH 340 Colorado River Bridge- west end	4/4	10:30 - 11:30 a.m.	cloudy, cool			4			4 (4) *
43. SH 340 Colorado River Bridge- west end	3/29	9:30- 10:30 a.m.	sunny, warm	8		5			13
44. 1st and Grand	5/1	10:45 a.m.- 12:45 p.m.	clear, cool	25		16			41
RIVERFRONT TRAILS									
1. Watson Island-River Trail	4/8	12:07 -2:25 a.m.	clear, warming	27	2				29
2. Watson Island-River Trail	4/28	11:20 a.m.- 1:30 p.m.	sunny, warm	9		2			11
3. Audubon Section-River Trail	3/18	1:24- 5:00 p.m.	cloudy, rainy	43	3	14	3		63
4. Audubon Section-River Trail at Power Station	3/23	9:22 a.m.- 12:15 p.m.	sunny	32	3	14		6	55
5. Audubon Section-River Trail	3/20	10:22 a.m.- 2:00 p.m.	cloudy, warm	87	1	47		1 9	155
6. Blue Heron Section-River Trail	3/22	2:30 -5:00 p.m.	clear, sunny warm	16		9	5	9	39
7. Blue Heron Section-River Trail	4/3	10:30 a.m.- 1:00 p.m.	partly sunny	23		15	3	1	42
8. River Rd. at Coors entrance to Blue Heron Trail	3/24	10:45 a.m.- 12:45 p.m.	clear and breezy	6		1			7

9. River Rd. at Walker Wildlife Area	3/24	9:30 a.m.- 10:15 a.m.	clear and breezy						0
10. Watson Island section-River Trail	4/12	9:30 a.m.- 12:30 p.m.	bright, sunny	27	0	4			42
11. 32 Rd. at Colorado River Bridge	4/18	12:45 p.m.- 2:00 p.m.	cloudy, windy, warm	2		1			3
12. S.H. 340 at Dike Rd., Monument Rd.	4/17	4:30 p.m.- 6:00 p.m.	partly cloudy, warm	3	2	23			28
13. Greenbelt Drive at Connected Lakes trail head	4/17	2:25 p.m.- 4:25 p.m.	partly cloudy, cool	8	1	13			22
14. Greenbelt Drive at Redlands Parkway	4/17	12:30 p.m.- 2:15 p.m.	partly cloudy, chilly	1		12			13
15. River Rd.-Blue Heron trail head at Coors Porcelin	4/17	9:45 a.m.- 11:00 a.m.	cloudy, breezy, chilly	1		3			4
16. Connected Lakes Section-River Trail	3/26	9:40- 10:43 p.m.	cloudy	4	2	5			11



Mesa County, Colorado

Mesa County Dept. of Public Works
Division of Engineering and Design

LEGEND

- On-Road Bike Routes
- Proposed Off-Road Bike Routes
- Existing Off-Road Bike Routes
- Existing Commercial
- Proposed Commercial
- Major Highways
- Hydrology
- Existing Parks
- Regional Parks
- Riverfront Parks
- Community Parks
- Neighborhood Parks

Multi-Modal Transportation Study

This map is a product of the Mesa County Geographic Information System for the display of relative positions and locations only. No assertion is made as to the accuracy of the map. Partial funding for this system received from the Mesa County - Grand Junction Metropolitan Planning Organization comprised of the Colorado State Highway Department, Mesa County and the City of Grand Junction. Requests for GIS mapping products may be made to:

Division of Engineering and Design
Department of Public Works
Mesa County, Colorado
P.O. Box 20,000
Grand Junction, CO 81502-5013

(303) 244-1815

April 1993

(no scale)

Grand Valley Trail Systems



MPO/GIS Project

