

MINUTES

MONTANA HOUSE OF REPRESENTATIVES 54th LEGISLATURE - REGULAR SESSION

JOINT SUBCOMMITTEE ON LONG-RANGE PLANNING

Call to Order: By CHAIRMAN ERNEST BERGSAGEL, on January 17,
1995, at 8:00 A.M.

ROLL CALL

Members Present:

Rep. Ernest Bergsagel, Chairman (R)
Sen. Ethel M. Harding, Vice Chairman (R)
Sen. B.F. "Chris" Christiaens (D)
Rep. Matt McCann (D)
Rep. Tom Zook (R)

Members Excused: None

Members Absent: None

Staff Present: Nan LeFebvre, Office of the Legislative Fiscal
Analyst
Jane Hamman, Office of Budget & Program Planning
Tracy Bartosik, Committee Secretary

Please Note: These are summary minutes. Testimony and
discussion are paraphrased and condensed.

Committee Business Summary:

Hearing: RESOURCE INDEMNITY TRUST (RIT) GRANTS -
HB 6 AND 8
Executive Action: NONE

HEARING ON HB 6 AND 8 RENEWABLE RESOURCE GRANT AND LOAN PROGRAM

Note: Descriptions of the following projects can be found in the "Project
Evaluations and Recommendations for 1995-1997 Biennium - Appendix A" booklet.
(Exhibit 5, 1-16-95)

HIDDEN LAKE WATER DISTRICT

Hidden Lake Irrigation System, page 62

Sam Picard, Hidden Lake Water Association, said this project
would allow for lawn irrigation, tree planting, and landscaping
for the Hidden Lake subdivision, which is eight miles north of
Billings. Mr. Picard said with the drought years of 1986 and
1987, the subdivision began to experience water shortages, with
only 35 homes in the subdivision. An artificial recharge system

was developed in which water is pumped into ponds above the gallery. This has proven to be very effective. The water used is from shares purchased from the Billings Bench Water-users Association. These same shares will provide water for the proposed project, which is to construct a lawn and garden irrigation system to supplement the current system.

Mr. Picard said there are currently 45 homes in the subdivision, with three more under construction. The proposed irrigation system would provide irrigation water for 109 lots and the existing water system would serve as domestic supply only.

He said there has been unanimous support from the residents for this project. Each lot owner, including all developed and undeveloped lots, will share equally in the cost. This includes those lots still owned by Hidden Lake Development. With less demand on the current system, the operating costs will go down considerably for its operation.

Mr. Picard said the only other option they have would be more storage, and that option is more expensive and does not give the added benefits that the irrigation project does.

SEN. CHRIS CHRISTIAENS asked if the developer has the water shares for the 300,000 gallons that will be pumped from the irrigation canal. **Mr. Picard** said yes, one share for each lot is needed, and as a lot is built on, then a share is purchased from the Billings Bench Water-users Association. **SEN. CHRISTIAENS** clarified that at this point in time the developer does not have all the shares.

CHAIRMAN ERNEST BERGSAGEL said it was indicated that shares for approximately 300 lots would be purchased, but the technical data the committee received states there will only be about 126 lots in the subdivision. He asked **Mr. Picard** for additional clarification. **Mr. Picard** said the initial subdivision had 250 lots. When the water problems were encountered, they came to the conclusion that they only had enough water to provide for 126, which is the south half of the subdivision. The north half of the subdivision is farm land now and was sold to the farmer, therefore it has no rights to the water currently in the system. He said the 300 figure is foreign to him, and he is not sure where that number came from. He said the total lots that will ever be served is 126, and that is also the total number of shares that will have to be purchased. **REP. TOM ZOOK** said there is a 300 resident figure, not a 300 lot figure.

CHAIRMAN BERGSAGEL said it is indicated in the booklet that there is a potential problem with seepage. He asked that to be addressed. **Mr. Picard** stated on-site clay has been looked at as a possible solution. He said they are working very closely with the farmer because the pond sits above his fields. That problem is being addressed and taken care of.

In response to another question from **CHAIRMAN BERGSAGEL**, Mr. **Picard** said a new reservoir will be built.

YELLOWSTONE COUNTY

Metra Park Enhancement Project, page 68

Bill Chiesa, General Manager, Metra Park, provided the committee with handouts and overviewed the project. **EXHIBITS 1 - 6** He said the riverfront portion of the plan is what they want to bring to the committee's attention. This plan is outlined in six phases, and the Alkali Creek enhancement project is the portion they are here to discuss. The total cost of that phase is \$198,266.

Sandra Fisher, Landscape Architect, said the two buildings currently under construction are the multi-purpose and exhibit buildings. She explained a map of the park to the committee. **Ms. Fisher** said there is the opportunity with the Alkali Creek area to create some visual interest with some drop structures, riparian plantings, and habitat enhancements. She said the biking trail falls under the CTEP funding. **Ms. Fisher** stated the plan has been increased from the original proposal. She then presented slides of the park to the committee.

SEN. CHRISTIAENS asked if the legislature can expect to see this project and requests for funding over the next few bienniums. **Ms. Fisher** said she thought that would be the case.

In response to a question by **CHAIRMAN BERGSAGEL**, **Ms. Fisher** explained that the next phase of the project they would seek funding for would come after the city moved the roadway into the park. She said the money from the legislature this biennium would be concentrated with the CTEP money in the Alkali Creek phase of the project.

CHAIRMAN BERGSAGEL asked who would be responsible for the operations and maintenance costs of the facilities. **Mr. Chiesa** said Metra Park, as a function of Yellowstone County would be responsible. **CHAIRMAN BERGSAGEL** questioned how much those costs would be. **Mr. Chiesa** said he was not sure of an exact figure, but the cost would go up with the park's use. He said there may be some user fees to aid in covering those costs.

Jeanne Doney, DNRC, said as the Department reviewed this proposal, they reviewed it as a \$562,000 project. She asked if the \$362,000 has already been done, and is not part of this application. **Ms. Fisher** said it was part of the overall master plan at the time the application was submitted. **Ms. Doney** clarified that the proposal has been revised to do just the Alkali Creek portion with DNRC funds and some CTEP money. **Ms. Doney** asked what the overall cost of this portion of the project would be. **Ms. Fisher** said \$200,000 for Alkali Creek and \$125,000 for the CTEP bikeway, and those projects need to occur together

because the cost of both will go up if they are not done together.

Ms. Doney asked where the other source of funding is coming from to pay the balance that is not going to be paid for from DNRC or CTEP. Mr. Chiesa asked the committee to notice on the cover letter that they have asked the committee to reconsider the recommended \$50,000 grant and award the entire \$100,000. He said they would augment that with the other sources of revenue that were outlined and it will also be a part of Metra Park's budget.

Jane Hamman, Office of Budget and Program Planning, explained that "CTEP" means Community Transportation Enhancement Program. She said the state of Montana receives approximately \$4.5 million every year from this program, and Montana is one of only three states in the country that distributes 75% of that money to local governments so they can use it for historical sites, bike trails, and other approved projects. CHAIRMAN BERGSAGEL said it has to somehow relate to transportation.

Jerry Thomas, Executive Director, Montana Trade Port Authority, said they have an agreement with Yellowstone County to administer this grant. He said that activity would be monitored and exclusively recorded.

CHAIRMAN BERGSAGEL asked that the applicants work out the numbers and the funding issue with Ms. Doney before the committee acts on this project.

{Tape: 1; Side: B; Approximate Counter: 325}

Mike Murphy, Executive Director, Montana Water Resources Association said Jerry Nypen of the Greenfields Irrigation project does intend to be at this hearing and will be arriving shortly. Mr. Murphy also said the Montana Water Resources Association wishes to go on record as supporting the Greenfields Irrigation District's project, as well as the Fort Shaw Irrigation project.

TOWN OF MANHATTAN

Manhattan Water System, page 78

Alan Frohberg, Delta Engineering and representing the Town of Manhattan, provided a brief overview of the project to the committee. He said this request is for a grant of \$100,000 to help Manhattan pay for the new source, disinfection facilities, and transmission piping. He said the grant will also help in installing water meters at each service to ensure conservation and regulation of the new groundwater supply.

Mr. Frohberg said the goal of the project is the construction of a new groundwater supply to avoid the high initial and long-term costs of meeting the Surface Water Treatment Rule (SWTR)

requirements for the existing water supply, and promotion of better groundwater management because surface water influence and other contamination will be eliminated from the public water supply.

SEN. CHRISTIAENS said the grant application indicated the city would finance the \$341,000 and asked how the city would repay the loan with less than \$25,000 revenues to the system. **Mr. Frohberg** said the town currently has \$25,000 in revenues to pay for the initial start-up of the project. They are also looking at getting some additional loans to help finance the project, and as a result the town has the ability to repay those loans by an increase in water service rates. If the grant is received, the user fee would be increased to a \$15-per-month user fee for 119 users. He indicated the users are willing to pay this increase.

REP. ZOOK inquired how a horizontal well system is different from the collector system the town currently has. **Mr. Frohberg** stated the collector system is a shallow infiltration gallery, and it is located adjacent to a stream. As a result, the town is getting almost direct input by that surface water body into the infiltration gallery. There is nothing in between the spring and the collector itself to prohibit things such as bacteria, turbidity, and other water quality problems. The new collector is going to be completed upgradient from the surface water body, and is a much deeper location, so there will be no surface water infiltration. He said the quality of the current water is excellent, but every year when there are run-off problems, bacteria gets into the water.

{Tape: 1; Side: B; Approx. Counter: 520}

GREENFIELDS IRRIGATION DISTRICT

Main Canal Flow Control System, page 20

Jerry Nypen, Manager, Greenfields Irrigation District, presented slides to the committee regarding this project.

SEN. CHRISTIAENS asked what the farmers are paying for water. **Mr. Nypen** said they are paying at the rate of \$16.66 per acre for water service, which is the cost of equipment, labor, and materials to get the water through the reservoir systems and canal systems. He said there is no water charge.

Mr. Nypen said the purpose of this project is to reduce the flows to the Muddy Creek and Mill Coulee Creek near Sun River, Montana. The project involves installing control structures in Greenfields Irrigation District's 59 mile canal system to retain flow during canal surplus periods. He said currently 78% of the irrigation district is flood irrigated and 22% is sprinkler irrigated, and there are very few control structures.

Mr. Nypen said the district will do much of its own work, and will then contract out for the automation and electrical work.

SEN. CHRISTIAENS asked for an example of what is being done to keep less waste water from going down Muddy Creek. Mr. Nypen said a lot of work has been done on the administrative end in demanding full scheduling of the water. Farmers have to order their water two days in advance and then everything is scheduled. Approximately 1/3 of all the lateral systems have been concrete lined or piped through an extensive U.S. Government loan program, but that has ended and there are no more funds available through that program. He said the priority now is for better control structures so the water can be handled more effectively.

SEN. CHRISTIAENS asked if things are being done to take care of erosion of the sides of the ditch banks. Mr. Nypen said no, there is no erosion on the canal itself. The canal is constructed with slopes and controlled drop structures, which means there is little or no erosion. The erosion starts where the ditches spill into natural streams. The object is to keep the water out of the natural channels.

REP. McCANN asked in the event of an overage, is that water maintained within the system through a series of checks. Mr. Nypen said they bring the water level up behind each check. He said the canal is up to 100 feet wide.

CHAIRMAN BERGSAGEL asked for an overview of some of the things that have been proposed as solutions for the Muddy Creek situation. Mr. Nypen said above Fairfield there was consideration to dump water into Freezeout Lake instead of letting it bleed off slowly. He said the Coulee system is another place above Fairfield where water could be dumped, but it too has fragile drainage. A new ditch on the contour to physically take the water back to the Sun River would be millions of dollars and is not economically feasible. He said there have been some storage sites planned out, however, the one on Muddy Creek would be very expensive. He said it is much more economically feasible to work on reducing the flows.

CHAIRMAN BERGSAGEL agreed, saying the key to helping the Muddy Creek situation is more efficient use of the water.

CHAIRMAN BERGSAGEL received a note from Alan Rollo, Muddy Creek Coalition, which stated that he was not able to attend the hearing on this project, but would like to convey his support.

CHOUTEAU AND FERGUS COUNTIES
PN Bridge/Campground, page 53

John Witt, County Commissioner, Chouteau County, gave a basic overview of what the project entails. He said this project would use rip rap to stabilize approximately 1,000 linear feet of streambank along the north side of the Missouri River in Chouteau County, upstream from the PN bridge. Mr. Witt said the bridge is the only link for commerce and agriculture to cross the Missouri River for 130 miles. Severe erosion will threaten the north side

bridge approach. Damage is now occurring to an important campground that is located on private land, but under a yearly lease to the Bureau of Land Management for public use.

{Tape: 2; Side: A}

Mr. Witt said the County already intends to use county machinery, equipment, and financing to do part of the project. He stated that Chouteau County is "fairly maxed out" and without going back to the voters, they are unable to finance additional dollars into this project.

He said the campground in the last two years has had approximately 4296 actual sign-in visitors. He said it is felt that the usage of that campground will pick up over the years.

In response to a question from CHAIRMAN BERGSAGEL, Mr. Witt said Chouteau County is now in the process of putting together a secondary highway project to improve the road south of the river. In Fergus County there is an overlay project that is about twenty miles northwest of Winifred and forty miles south of Big Sandy, that will take place next summer.

Mr. Witt said the bridge was a \$2.7 million investment, and the campground is about seven acres. He said some of the needs for the grant money are design alternatives permitting contracting, construction, and monitoring.

Mr. Witt said the original grant request for this project was \$99,000, and he said they were not aware of the 25% guideline. He said the County is not in a position to handle the recommended loan at this time. He asked that the committee reconsider the grant amount and increase the percentage of grant rather than approve a loan.

CHAIRMAN BERGSAGEL said that Mr. Witt is not the first person to feel that way about the 25% rule, and the committee will be discussing that issue after these grants are acted on. He said that in fairness to all of the other grant applicants, the committee will probably stick with the current policy this time around, but they will debate changing it for the next biennium. (See subcommittee minutes for April 10, 1995, for more information.)

REP. ZOOK asked if the Department of Fish, Wildlife and Parks (FWP) had been asked to assist with this project. Mr. Witt said yes, they have. He said they had two meetings with FWP, the Montana Department of Transportation, and the Army Corps of Engineers. He said the regional director for FWP was present at the first meeting and seemed to be very receptive to being involved in the project. He said FWP's position had changed by the second meeting. He said the department has been supportive but does not want to join in the project. He said the Bureau of Land Management has said they would be willing to assist in the project.

CHAIRMAN BERGSAGEL said he would visit with Pat Graham from FWP regarding this issue.

Vern Peterson, County Commisisoner, Fergus County, spoke in support of the project. He said the Army Corps of Engineers will not assist in funding the project because they feel it poses no imminent danger. He said I-105 prevents the County from taxing without a vote of the people. He also said it may not be appropriate to tax the county residents because the road is not a destination road, it is a through route. It is used much more by out-of-county residents than in-county residents.

Nan LeFebvre, Office of the Legislative Fiscal Analyst (LFA), asked if there is a possibility that the project, at least that portion which relates to the campground, be funded through campground fees. **Mr. Witt** said the cost of implementing a fee system would negate profits for the project.

Linda Williams, Coordinator, Disaster and Emergency Services, voiced her support of this project.

Ken Engellant, County Commissioner, Chouteau County, said the river has much recreational use and traffic on the river has increased dramatically. He said the campground is in danger of being obliterated. **Mr. Engellant** said "it is a small price to pay to eventually save a bridge."

Charles Danreuther, County Commissioner, Chouteau County, voiced his support of this project.

Mr. Witt clarified that both Fergus and Choteau Counties would be contributing \$6,000 each to the project, and this does not include the in-kind contribution that will be made in addition to that.

FORT SHAW IRRIGATION PROJECT
"A" Systems Diversion, page 96

Russ Barrett, Fort Shaw Irrigation District, provided a brief overview of the project. He said they are requesting a loan in the amount of \$200,000 in order to help with their project.

Jeanne Doney, DNRC, clarified that in 1991 the Fort Shaw Irrigation District came in and received two grants, one for a \$50,000 study, and \$50,000 toward the "A" systems diversion project, and a \$50,000 loan. Those project funds are still on the books and available, however, typically those funds are eliminated after two bienniums. Fort Shaw came in and asked for a new grant for this biennium. In the interim, they have been unable to get their \$7,000 no-interest loan from the Bureau of Reclamation because the Rehabilitation and Betterment Program is gone. She said DNRC has talk to the Fort Shaw Irrigation District about restructuring the project within their financial capability. **Ms. Doney** said essentially what they are asking for

is to use the grant money and use \$5,000 of the money they received for the study to complete the feasibility study, and use the remaining \$45,000, and the other \$50,000 they were previously authorized toward construction. This would give the district \$95,000 for construction. The Fort Shaw Irrigation District then wishes to obtain a \$200,000 loan. **Ms. Doney** said rather than making them reapply, DNRC is asking for an amendment to the authorization and a reauthorization.

Don Rose, Vice Chairman, Fort Shaw Irrigation District, said the reason for the project is to ensure better distribution of water for everyone in the district, which includes 163 different families. He urged the committee to support the project.

Jerry Nypen, Manager, Greenfields Irrigation District, stated he is a proponent for the Fort Shaw project.

REP. McCANN asked how many acres are involved in the project. **Mr. Barrett** replied approximately 10,000 acres. **REP. McCANN** asked what the irrigation cost per acre is currently. **Mr. Barrett** said \$11.50 for two-acre feet, and there is a charge for excess water which is half an acre foot.

SUN RIVER WATER DISTRICT

Sun River Water System, page 86

REP. SAM ROSE spoke in support of and provided a brief background of the project.

{Tape: 2; Side: B}

Lyle Meeks, Sun River Water District, provided handouts to the committee explaining the project. **EXHIBIT 7** He said if this project is not done, it could threaten the health and welfare of at least 100 families within the District. He said the groundwater is very susceptible to contamination. **Mr. Meeks** said they do have an emergency chlorination system on a temporary basis, but they are required to do something more permanent by 1996.

Mr. Meeks said the District is requesting a modification to their proposal. He said they feel it is a little too premature to consider doing construction work immediately. The District board concurs with the ranking and review committee in that there are some shortcomings to the application. The selected water source in the application has not been quantified in terms of test well development, nor has the quality of that water been ascertained. **Mr. Meeks** said the Sun River Water District wishes to reduce their grant request from \$100,000 to \$50,000. Of the \$50,000, \$23,000 would be used for additional testing, and the remaining \$27,000 would go toward defraying the costs of design and/or construction.

Peggy Reeverts, Sun River Water District, spoke in support of this project and said there is a very large shortage of water, and what little water there is, is undrinkable.

Sue Williams, Sun River Water District, voiced her support of this project.

In response to a question by REP. ZOOK, Mr. Meeks said most of the land was purchased and then subdivided.

REP. ROSE emphasized again the importance of this project and asked that the committee consider it for funding.

LINCOLN LEWIS AND CLARK COUNTY SEWER DISTRICT
Lincoln Wastewater System Study, page 89

Dave Staley, Staley Engineering, provided background on the current system, and explained the replacement items needed for the project, which he said would amount to \$19,200.

Laura Nicholi, Secretary, Lincoln Lewis and Clark County Sewer District, said she was hired to do the minutes of the meetings, and in doing an overview she discovered that they were not keeping up with the problems of the system. She said the system is over eleven-years-old, and is an innovated system. She said the manager brought it to their attention that the main pump of the system was failing, and there is a contamination risk to the Blackfoot River. She said in replacing the pump, the flow meter didn't work with the new pump. Ms. Nicholi said it is important to be able to monitor the flow, in order to know if there are tanks or lines that are leaking. She stated that a more controlled method of septate disposal needs to be initiated, and a new location must be selected. She said as a resident of Lincoln she asks that the committee consider this request for funding.

In response to a question from the committee Ms. Nicholi said their rates have been increased to approximately \$24.38.

In response to a question from Jane Hamman, Office of Budget and Program Planning, Ms. Nicholi said new people to the system are responsible for putting in their own tanks and there is a charge of approximately \$420.00 per tank.

HOUSE LONG-RANGE PLANNING SUBCOMMITTEE

January 17, 1995


Page 11 of 11

ADJOURNMENT

Adjournment: 11:15 a.m.



ERNEST BERGSAGEL, Chairman



for TRACY BARTOSIK, Secretary

EB/tb

LONG RANGE PLANNING

Joint Appropriations Subcommittee

ROLL CALL

DATE 1-17-95

NAME	PRESENT	ABSENT	EXCUSED
Rep. Ernest Bergsagel, Chairman	X		
Rep. Matt McCann	X		
Rep. Tom Zook	X		
Sen. Ethel Harding, Vice Chairman	X		
Sen. Chris Christiaens	X		

METRAPARK

MONTANAFAIR · ARENA · HORSE RACING

EXHIBIT 1
DATE 1-17-95
HB 6 ~~8~~

January 17, 1995

Representative Ernest Bergsagel
Chairman, Long Range Planning Committee

On behalf of the MetraPark Board and Yellowstone County, we appreciate the opportunity to appear before your committee to present our project proposal and grant application for the Department of Natural Resources, Renewable Resource Development Program.

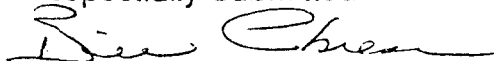
Please find enclosed support materials for the May 12, 1994 MetraPark Enhancement Project Grant Application including:

1. Expanded Master Site Development Plan
2. Itemized Cost Estimates
3. Project Narrative

The Metra Park Riverfront Master Plan expands upon the concepts developed by the community and documented by CTA in the 1993 Master Plan for the MetraPark facility. The cost estimates itemizes \$198,366 of cost associated with the Alkali Creek Restoration Enhancements as well as future phases of the MetraPark Yellowstone Riverfront Redevelopment totaling \$2,524,338.

During design development of the Riverfront Master plan, additional opportunities for recreation, enhancement and conservation of the sites unique natural and recreational resources were identified. Estimated costs associated with the Alkali Creek restoration project exceed our original estimate. We appreciate your consideration of our application and ask you to consider awarding the entire \$100,000 as a grant.

Respectfully Submitted



Bill Chiesa, MetraPark General Manager



METRAPARK ENHANCEMENT PROJECT

Introduction

The MetraPark Enhancement Project is located at the confluence of the Yellowstone River and the Alkali Creek. D.N.R.C. funds in the amount of a \$100,000 grant are requested to complete the restoration of the previously realigned Alkali Creek. Improvements will concentrate on the manmade drainage channel and waterfall located to the north and west of the Metra Building.

Project benefits include enhanced water quality, recreation and aesthetics. The Alkali Creek Restoration is integral to restoration of the MetraPark Riverfront. The D.N.R.C. funded project will be constructed concurrent with the bicycle path projects, partially funded by a Community Transportation Enhancement Grant matched by Yellowstone County (C.T.E.P.).

The Master Plan was prepared by CTA Architects and Bullock Smith in 1990 with extensive input from the community. The site development plan was further developed by Fischer & Associates with Gary Lacy, P.E. of Recreation Planning and Design, in December of 1994.

Master Plan

The MetraPark Riverfront Master Plan outlines six phases of site development. The attached cost estimate describes the phases, project scopes of work and budget in order of priority.

Alkali Creek Project History

The proposed funds provided by D.N.R.C. will complete the restoration of the Alkali Creek Channel. The creek was relocated in 1976 by the U.S.D.A. Soil Conservation Service (SCS) and MetraPark to provide a site for the Exhibition Building and to implement improvements to the City of Billings Storm Water Management System. The Creek was realigned, consistent with practices of the era. The result is a well engineered but artificial appearing lagoon lacking in both visual appeal and recreational value.

Recent master plans for MetraPark, BikeNet, Yellowstone County Non-motorized and Bicycle Plan, and the Yellowstone River Corridor, recognize the importance of the MetraPark site. MetraPark site is important to the community because it serves as:

- 1.) The hub of the urban area's bicycle transportation and trail system.
- 2.) A visual and functional gateway to the City of Billings.
- 3.) The City's most accessible Urban Waterfront.

- 4.) A prime recreation site with unrealized water oriented recreational opportunities.

Project Specifics

The Alkali Creek Channel will be improved to provide visual enhancement and recreational amenities. Stream Dynamics will be improved.

Water Quality and Flood Control will be improved by the addition of natural appearing drop structures, increased aeration and opening of the existing channel by removing sediment deposits. A portion of the reclaimed park site will be irrigated with recycled water from the Billings Waste Water Treatment Plant. This activity will assist the City of Billings in complying with current State of Montana surface water non degradation statutes.

Recreational Enhancements will include the addition of a boat ramp, stream modifications to create a kayak course, trail and bicycle path, stream observation point and improved riparian habitat for wildlife viewing. Located in the urban area on a site visited by 750,000 people a year, the project provides an excellent opportunity to serve as an environmental education and demonstration project.

Visual Enhancements will include natural rock drop structures in the stream and the introduction of FEMA approved riparian vegetation to provide natural landscaping and screen the City of Billings Waste Water Treatment Plant.

Project Budget

The amount of DNRC Grant Application submitted May 12, 1994 is \$100,000. Since the application, additional design development of the MetraPark Site Master Plan has occurred. Fischer & Associates have identified additional recreational and river enhancement opportunities. Detailed cost estimates have been developed.

Other funding sources to be pursued include:

- MetraPark Private Foundation
- MetraPark Operating and Maintenance Budgets
- U.S. Fish, Wildlife and Park Service
- U.S..D.A.Soil Conservation Service
- Yellowstone County Conservation District Funds
- Community Transportation Enhancement Funds
- User Fees
- Montana Fish Wildlife and Parks Land & Water Conservation Grants.

DESIGN DEVELOPMENT COST ESTIMATE
METRA PARK FAIRGROUNDS & RIVERFRONT IMPROVEMENT PROJECTS
January 16, 1995

Prepared By: David Groshens, Fischer & Associates

EXHIBIT 3

DATE 1-17-95

~~18B~~ 6e

SUMMARY OF ALL PHASES AND PROJECTS

PHASE 5A METRA PARK ENHANCEMENT PROJECTS

Project A-1, Fair Entrance, Central Park & Landscaping of New Buildings

PHASE 5B METRA PARK ENHANCEMENT PROJECTS

Project B-1, Alkali Creek Enhancement DNRC Project

Project B-2- CTEP Bikeway Project

Project B-3 Hard Surface Path

PHASE 5C RIVERFRONT RESTORATION

Project C-1- River Access & Access Road Relocation

Project C-2- Amphitheatre

PHASE 5 D RIVERFRONT PARK DEVELOPMENT

Project D-1 Public Equestrian Facilities

PHASE 5 E METRA PARK RIVERFRONT ENHANCEMENT

Project E-1 Campground Relocation

PHASE 6A COUNTY BRIDGE PROJECT

TOTAL ALL PHASES & PROJECTS

**ESTIMATED
TOTAL COST**

\$361,405

\$198,366

\$123,940

\$80,976

\$287,055

\$268,772

\$830,795

\$202,226

\$170,804

\$2,524,338

DESIGN DEVELOPMENT COST ESTIMATE

METRA PARK FAIRGROUNDS & RIVERFRONT IMPROVEMENT PROJECTS

January 16, 1995

Prepared By: David Groshens, Fischer & Associates

PHASE 5A METRA PARK ENHANCEMENT PROJECTS

Project A-1, Fair Entrance, Central Park & Landscaping of New Buildings

See Architects Estimate

QTY	UNIT	ITEM	DESCRIPTION	SIZE	UNIT COST	TOTAL COST
						\$350,000.00

PHASE 5B METRA PARK ENHANCEMENT PROJECTS

Project B-1, Alkali Creek Enhancement DNRC Project

QTY	UNIT	ITEM	DESCRIPTION	SIZE	UNIT COST	TOTAL COST
7	AC	Clear and Grub	Project Area	Light	\$500.00	\$3,500.00
1	LS	Layout and Mobilization			\$1,500.00	\$1,500.00
7000	CY	Excavation	Unclassified Fills	Dikes	\$2.00	\$14,000.00
2300	CY	Excavation	Unclassified Wet	Channel	\$4.00	\$9,200.00
1250	CY	Excavation	Rock Sandstone		\$24.00	\$30,000.00
1	LS	Creek Diversion	Temporary		\$7,000.00	\$7,000.00
10700	SY	Grading	Shaping	Wet	\$0.80	\$8,560.00
10700	SY	Grading	Shaping	Dry	\$0.40	\$4,280.00
570	CY	Drop Structure	Sandstone Boulders		\$35.00	\$19,950.00
1	LS	Rock Import			\$8.00	\$8.00
450	CY	Rip Rap	Sandstone Boulders		\$20.00	\$9,000.00
450	CY	Rip Rap	Sandstone Boulders	Machine Placed	\$25.00	\$11,250.00
8800	SY	Bank Stabilization	Erosion Control	hand Placed	\$0.40	\$3,520.00
160	SY	Boat Ramp	Concrete	Simple	\$15.00	\$2,400.00
870	SY	Pathway	Stabilized Gravel		\$5.50	\$4,785.00
160	LF	Stairway	Sandstone	Handplaced	\$10.00	\$1,600.00
4400	SY	Riparian Plantings	Bare Root, Tublings	FEMA Approved	\$1.00	\$4,400.00
8800	SY	Seeding	Dryland/ Mulch	Native	\$0.35	\$3,080.00
8800	SY	Irrigation	Simple	Recycle Waste	\$1.20	\$10,560.00
200	EA	Tree Planting	Cottonwood Willow	Bare root	\$7.00	\$1,400.00
		Subtotal				\$149,993.00
		Contingency 15%				\$22,498.95
		Sub Total Construction				\$172,491.95

Engineering 7%

Construction Supervision & Administration 8%

Total Project 5B-1

\$12,074.44

\$13,799.36

\$198,365.74

DESIGN DEVELOPMENT COST ESTIMATE

METRA PARK FAIRGROUNDS & RIVERFRONT IMPROVEMENT PROJECTS

January 16, 1995

Prepared By: David Groshens, Fischer & Associates

PHASE 5B METRA PARK ENHANCEMENT PROJECTS

Project B-2- CTEP Bikeway Project

QTY	UNIT	ITEM	DESCRIPTION	SIZE	UNIT COST	TOTAL COST
4	AC	Clear & Grub			\$400.00	\$1,600.00
1	LS	Mobilization & Layout			\$1,500.00	\$1,500.00
1250	CY	Rock Excavation			\$24.00	\$30,000.00
1500	CY	Excavation			\$3.00	\$4,500.00
5500	CY	Fill	Unclassified		\$2.20	\$12,100.00
19400	SY	Grading	Imported, 1 Mile Haul		\$0.45	\$8,730.00
360	LF	Stairway	Simple		\$8.00	\$2,880.00
3890	SY	Paving	Sandstone Handplaced	10' Wide	\$5.40	\$21,006.00
7800	SY	Finish Grading	Gravel Stabilized		\$0.30	\$2,340.00
7800	SY	Seeding	Simple		\$0.40	\$3,120.00
40	EA	Tree Planting	Dryland Mulch & Fertilizer		\$170.00	\$6,800.00
300	LF	Guardrail	Cottonwood	2" Cal	\$10.00	\$3,000.00
1	LS	Signage	PT Timber		\$400.00	\$400.00
1	LS	Outdoor Lighting	Minimal		\$0.00	\$0.00
		Subtotal				\$97,976.00
		Contingency 10%				\$9,797.60
		SubTotal Construction				\$107,773.60
		Engineering 7%				\$7,544.15
		Construction Supervision & Administration 8%				\$8,621.89
		Total Project 5B-2				\$123,939.64

PHASE 5B METRA PARK ENHANCEMENT PROJECTS

Project B-3 Bikeway Surfacing Project

QTY	UNIT	ITEM	DESCRIPTION	SIZE	UNIT COST	TOTAL COST
3890	SY	Concrete Pavement	4" thick, 10" wide		\$16.60	\$64,574.00
		Subtotal				\$64,574.00
		Contingency 10%				\$6,457.40
		SubTotal Construction				\$71,031.40
		Engineering 7%				\$4,972.20
		Construction Supervision & Administration 7%				\$4,972.20
		Total Project 5B-3				\$80,975.80
		TOTAL PHASE 5 B, Projects 1, 2, & 3				\$393,336.78

METRAPARK

Riverfront

Master Plan

Prepared for: MetraPark Board
Prepared by: Fischer and Associates
Gary Lacy - Recreation
Planning and Design

January 11, 1995



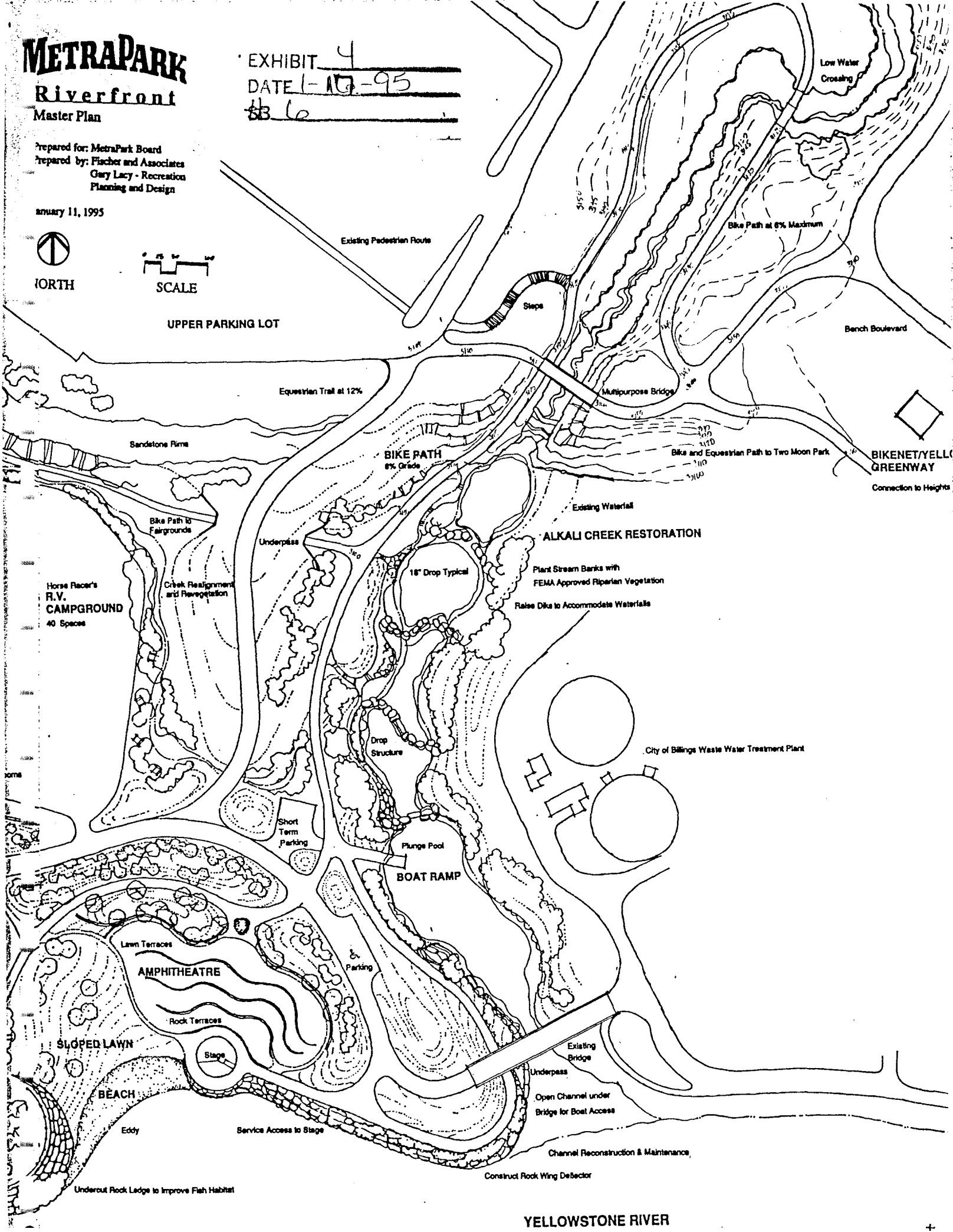
NORTH



SCALE

UPPER PARKING LOT

EXHIBIT 4
DATE 1-17-95
SB 6



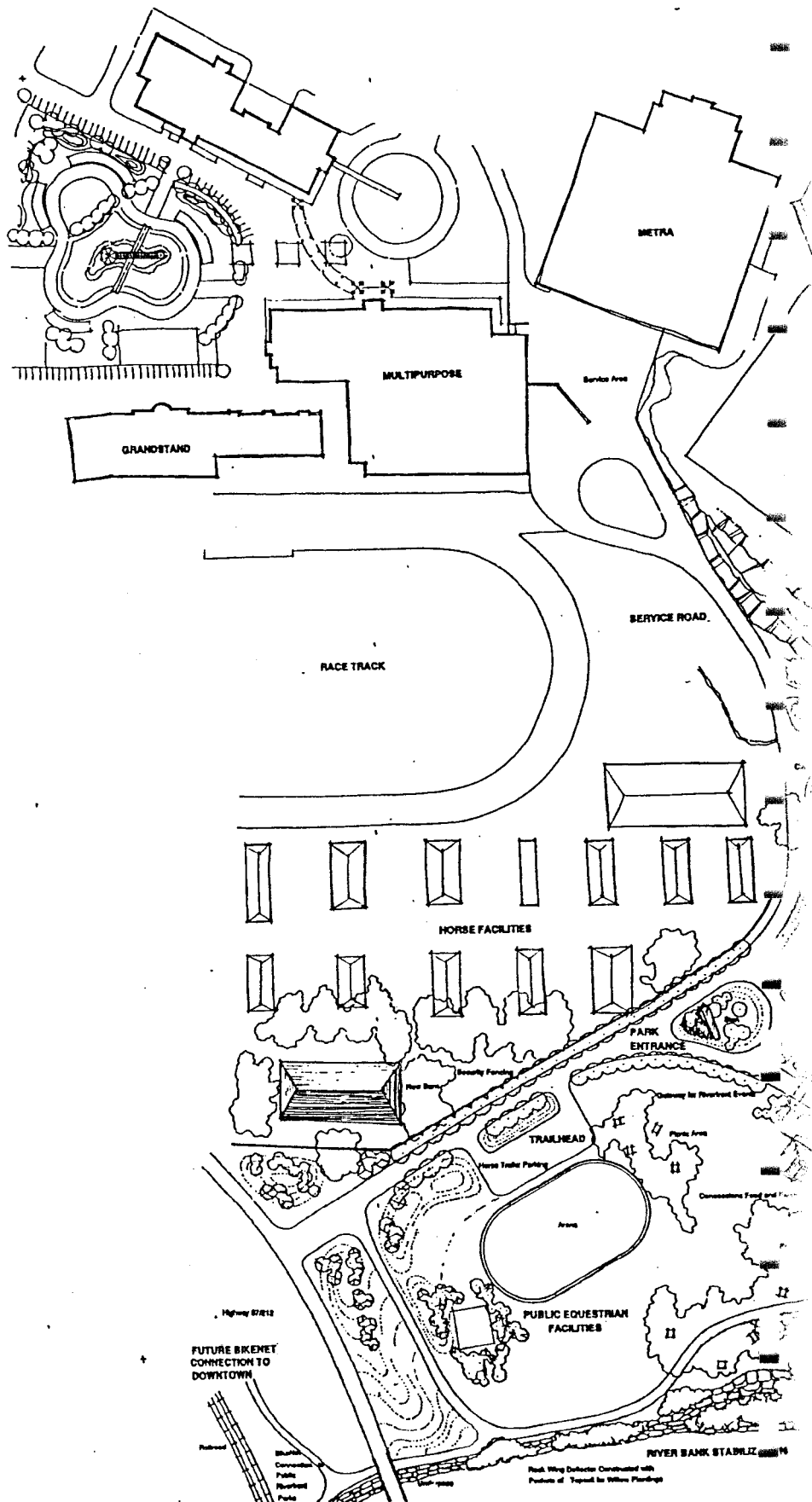
YELLOWSTONE RIVER

Prepared for: MeritPark Board
Prepared by: Fletcher and Associates
Gary Lacy - Recreation
Planning and Design

January 11, 1993

DATE 1-17-95

44

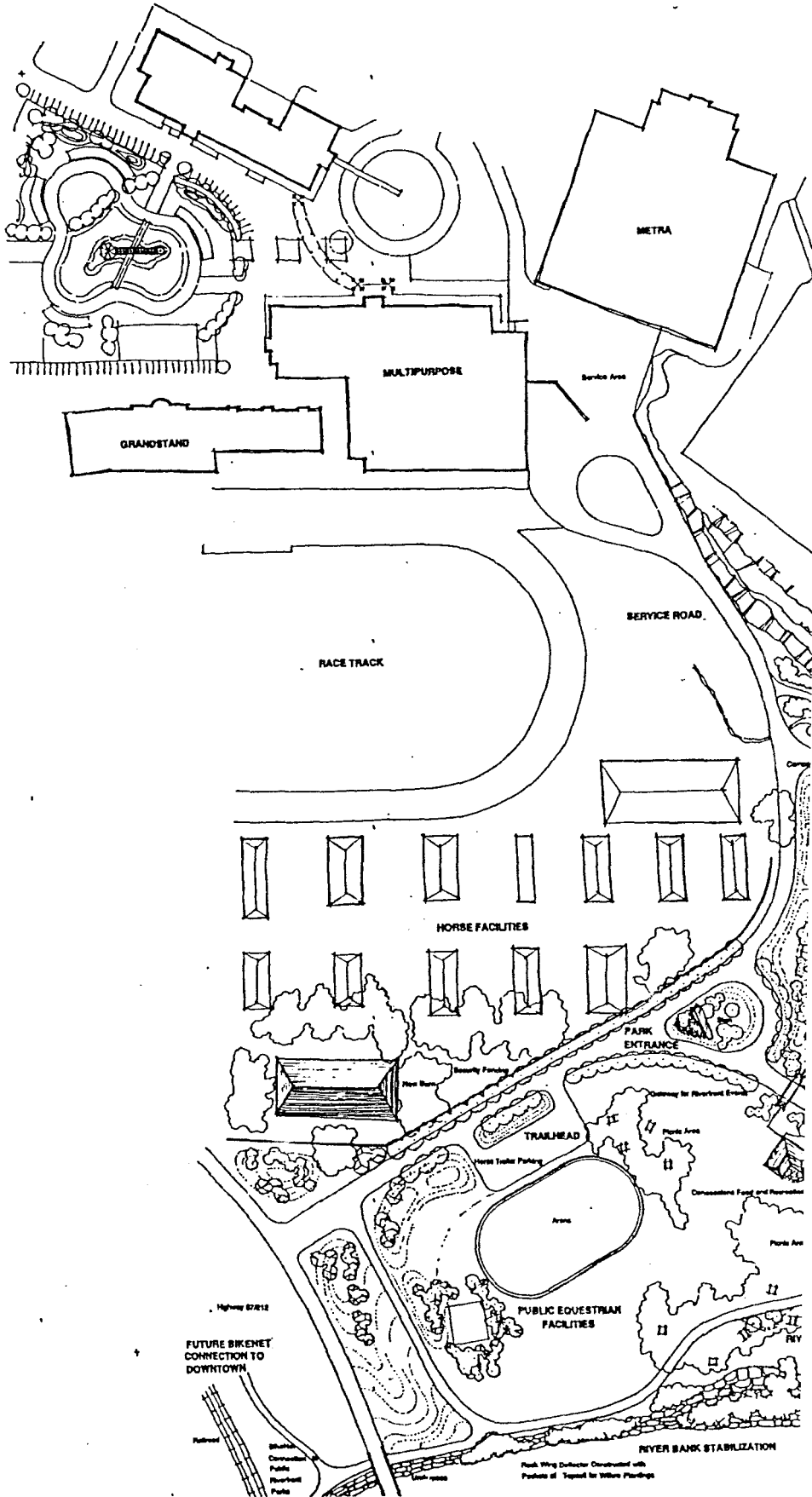


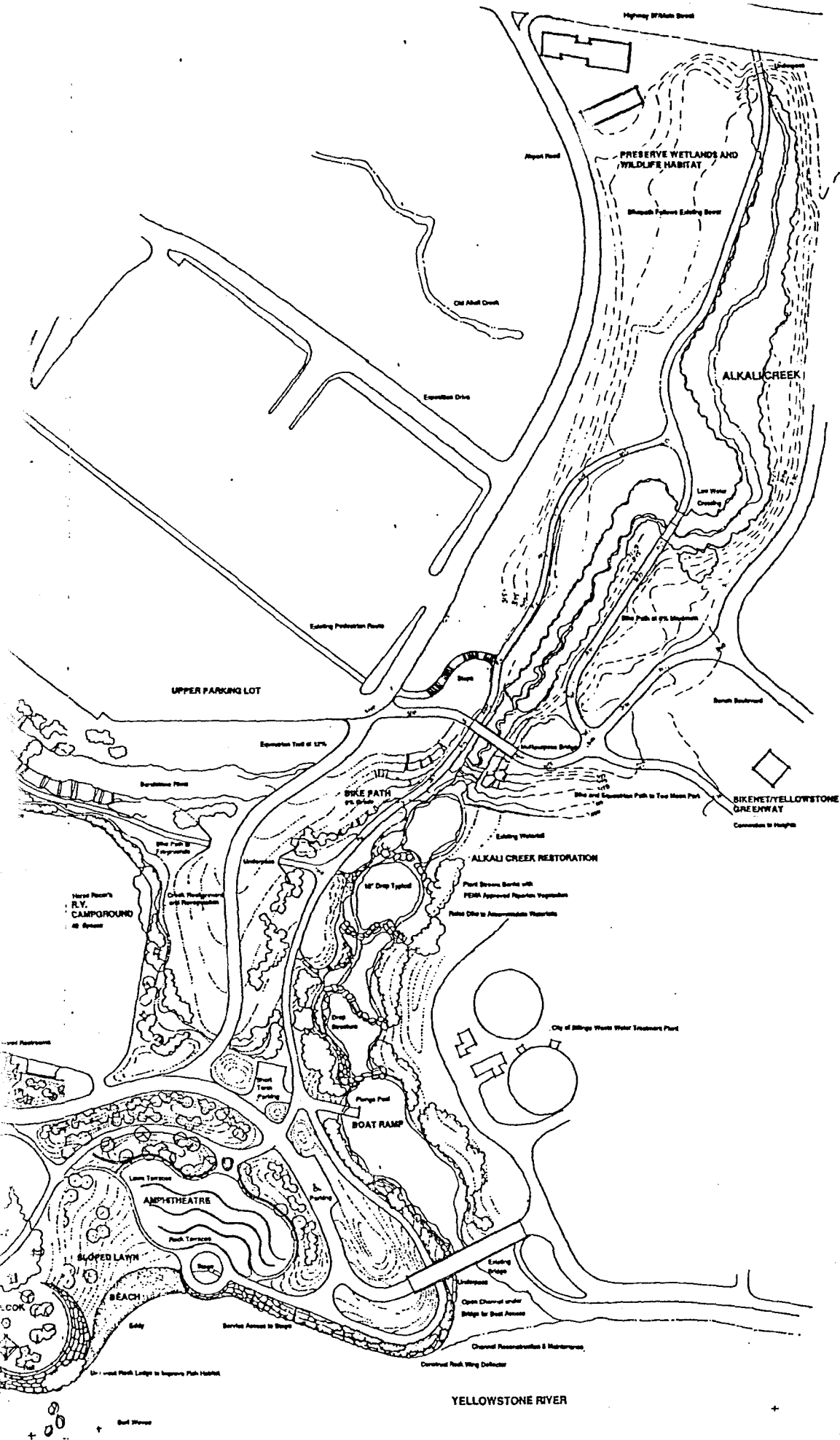
METRA Riverfront Master Plan

Prepared for: MetraPark Board
Prepared by: Fletcher and Associates
Gary Lacy - Recreation
Planning and Design

January 11, 1993

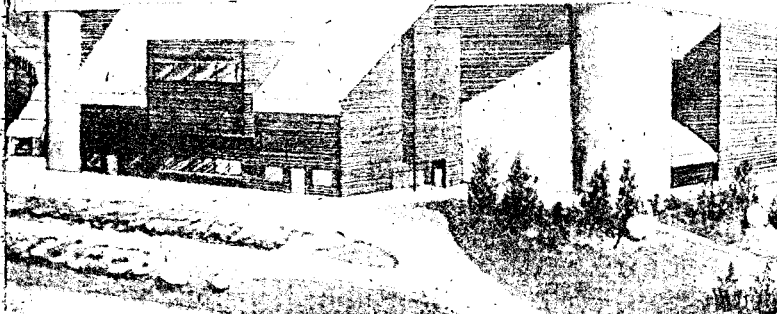
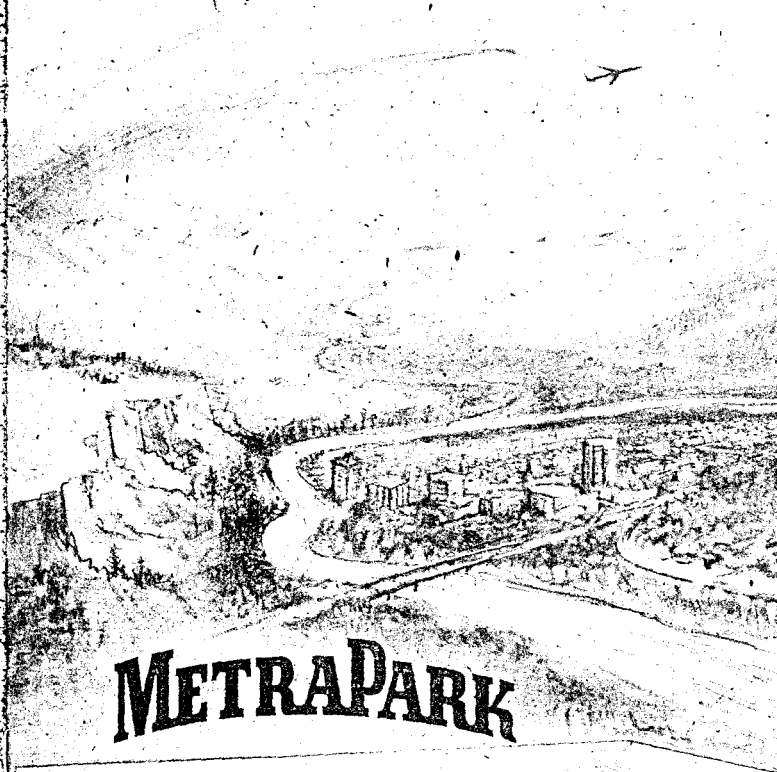
EXHIBIT 5
DATE 1-17-95
HB 6





Come Play Montana

EXHIBIT 6
DATE 1-17-95
6



LINCOLN LEWIS AND CLARK WASTEWATER SYSTEM RENEWABLE RESOURCE GRANT APPLICATION

OVERVIEW

In late 1978, the Lewis and Clark County Commissioners contracted to have a Sewer Facilities Plan prepared for the Community of Lincoln. The purpose of the Study was to review the existing septic tank and drainfield systems and determine if there was a need for a centralized wastewater system. The Community had a high ground water problem.

The Study resulted in a centralized system being constructed in 1983 and 1984. The system was constructed with partial funding from the EPA Construction Grants Program. It consisted of an innovative system, referred to as a Small Diameter Gravity System. Septic tanks became a part of the pretreatment system at each users location. The effluent from the Tanks was then transported in a centralized collection system to a Pumping Station, where it was pumped through a force main to a two cell lagoon. After secondary treatment the lagoon effluent is spray irrigated onto adjacent grass land.

The System has operated in a successful manner. Each residential unit pays 19.50 for the debt retirement and the operation and maintenance of the system. This fee has been the same since the start-up of the system eleven years ago. The District Board felt it necessary to hold these rates for the first few years, simply for the reason that not all users were in favor of a centralized system. Raising rates during this period would not facilitate the healing process.

As a result, equipment replacement reserves suffered. After eleven years there are certain replacement items that are becoming critical.

WHAT NEEDS TO BE COMPLETED

Since the original application in May, the District Directors have accomplished a few of the items. Other items remain to be accomplished.

1. Replace Flowmeter to accurately record total system flows

Cost \$5,140.00

2. Spare 1/2 HP and 3/4 HP Pumps. The system currently has four Lift Stations and five Single Residential Pumps. To prevent the possibility of sewage overflows, there is a need to have at least one replacement pump in each category.

Cost \$350.00

1-17-00

3. Replace Float Systems and Control Boxes. There are two major Pump Stations in the system. The submersible pumps are operated by float systems and a control box in the wet well. After eleven years of operation, these have become corroded, and the dependability becomes questionable.

Cost \$350.00

4. Replace deteriorated Septic Tanks. When the system was constructed, judgments were made as to the condition of the existing septic tanks. Approximately 75% of the tanks were replaced with concrete tanks. There were some metal tanks which were left in place. We estimate four of these should be replaced at this time.

Cost \$5,000.00

5. Pump Station Generator Maintenance. Each of the two major Pumping Stations has a standby generator that automatically starts in case of a power outage. It is critical that these be thoroughly gone through to guarantee reliability, to prevent any possibility of Pump Station overflows.

Cost \$5,000.00

6. Sprinkler System Repairs and Revisions. The effluent from the lagoons is pumped into a sprinkler system which sprays grass land, owned by the District. The effluent is not put to any beneficial use. The neighboring Rancher has wheat and hay land adjacent to the lagoon site, and is proposing to put the effluent to beneficial use by irrigating the crop land. The Rancher would pay for the sprinklers, but the District needs to make some revisions to the pumps and piping to the sprinklers.

Cost \$3,360.00

EXHIBIT 6
DATE 1-23-95
5

Amendment #2

Offered by the Department of Natural Resources and Conservation

HB 5 -- Introduced Bill
Long Range Planning Subcommittee

This amendment provides the Department with spending authority for private funds associated with the "Petrolia Dam Rehabilitation" Project, Priority #56.

Page 7, following Line 3

Insert: " 358,000 Private Funds "

HOUSE OF REPRESENTATIVES
VISITOR REGISTER

Long-Range Planning SUBCOMMITTEE

DATE 1-17-95

DEPARTMENT (S) _____

DIVISION _____

PLEASE PRINT

PLEASE PRINT

NAME	REPRESENTING	
MIKE MURPHY	MT. WINTER RES. ASSN.	
Sam + Taylor Picard	Hidden Lake Water Assn.	
Bill Chiesa	Mesa Park Billings	
Samu Fium	METRA PARK / Fiumer	
JERRY THOMAS	METRA PARK / MT. TRANSDON	
Sheryl Shandy	metra Park Enhancement Blgs. Food Bank	
Fony Thomas	metra PARK Enhancement Student Rose Park School	
SERGEI Tolstikhin	* S.T.A.R. TRADERS	
SERGEI Tolst	* Metra Park Enhancement	
SERGEI Alyoshin	* AMIKAN, LTD, Russia	
GARY KNUDSON	TOWN OF MANHATTAN	
ALAN FROMBERG	TOWN OF MANHATTAN	
Beggy Recreates	San River	
Due Williams	San River	
Jerry Wyper	GREENFIELD IRRIGATION DIST	
Ray Hall	San River Water	
John E. Witt	C. Houlston Co	
Wern Petersen	Fergus Co.	

PLEASE LEAVE PREPARED TESTIMONY WITH SECRETARY. WITNESS STATEMENT FORMS ARE AVAILABLE IF YOU CARE TO SUBMIT WRITTEN TESTIMONY.

HOUSE OF REPRESENTATIVES
VISITOR REGISTER

SUBCOMMITTEE

DATE 1-17-95

DEPARTMENT(S)

DIVISION

PLEASE PRINT

PLEASE PRINT

NAME	REPRESENTING	
Charles Danreuther	Chouteau County	
Linda Williams	Chouteau County	
Ken Engellant	" "	
J. DASID STANLEY	Lincoln Sewer District	
Russ BARRETT	FT. SHAW IRR. DIST.	
DON ROSE Russ BARRETT	FT. SHAW IRR DIST	
Juan Nicole	Lincoln Sewer Dist	
Betty Farmer	Lincoln Sewer Dist	
Lyle Thacker	Sun River Water District	

PLEASE LEAVE PREPARED TESTIMONY WITH SECRETARY. WITNESS STATEMENT FORMS ARE AVAILABLE IF YOU CARE TO SUBMIT WRITTEN TESTIMONY.