CONCEPT OF A REGIONAL PARK
- PROVIDE MULTIPLE USES THAT ATTRACTS USERS NOT ONLY FROM MISSOULA. BUT ALSO FROM ENTIRE COUNTY AND REGION.
- STRIVE TO BALANCE MANY INTERESTS AND NEEDS
- PROVIDE MIX OF DEVELOPED AND UNDEVELOPED PARK AREAS

STEERING COMMITTEE ORIGINAL ASSUMPTIONS
- DEVELOP THE PARK IN PHASES
- CONTEXT OF SITE SHOULD PLAY ROLE IN DECISION MAKING (HISTORIC SITE, ALONG BITTERROOT RIVER, HOME TO MANY PUBLIC AGENCIES AND COMMUNITY ORGANIZATIONS).
- RECOGNIZE LIMITED SPACE WITH MULTIPLE DEMANDS
- PROVIDE FACILITY FOR PUBLIC ENJOYMENT AND BENEFIT
  - PROVIDE FOR INDOOR AND OUTDOOR FACILITIES
  - CONSIDER ONGOING MAINTENANCE COSTS
- FACILITIES SHOULD SERVE BOTH ADULT & YOUTH COMPETITIVE PLAY
- PROVIDE FOR RESTROOMS, PARKING, CONCESSIONS, STORAGE & MAINTENANCE FACILITIES
- COMPLY WITH ADA
- INCLUDE PASSIVE RECREATION
- ACKNOWLEDGE, PRESERVE AND ENHANCE UNIQUE HISTORIC VALUES
- ENCOMPASS DIVERSE ACTIVITIES
- SERVE PEOPLE OF ALL ABILITIES, AGES AND INCOME GROUPS
- PARK DESIGN & CONSTRUCTED WITH ENVIRONMENTAL SENSITIVITY
- INCLUDE WILDLIFE, RIPARIAN & OPEN AREAS
- MAINTAIN NATURAL VISTAS AND VIEWS

ADOPTED MASTER PLAN
Fort Missoula Regional Park
August 2002
STAKEHOLDERS MEETING
DESIGN CONSIDERATIONS/PROGRAM
April 8-9, 2008
DESIGN CONSIDERATIONS/ PROGRAM

FIELD SIZES AND PROGRAM NEEDS OF PARK:
- PROVIDE SAFE ENTRY ROAD CONNECTION TO SOUTH AVENUE
- MAINTAIN ALIGNMENT OF GUARDSMAN LANE APPROACHING MUSEUMS
- PROVIDE NARROW, MEANDERING ROADS TO SLOW TRAFFIC.
- STAY CLEAR OF “TRASH SCATTER”, NON DISCLOSURE OF SITE (MAINTAIN 30 CM HORIZON)
- PROVIDE FACILITIES TO HOST TOURNAMENTS AT HOME
- 4 x 10 MULTIPLE FIELDS (SOCCER, RUGBY, FOOTBALL AND ULTIMATE)
  70M X 120M WITH 10 TO 15 YDS BETWEEN FIELDS, 10 YDS AT ENDS OF FIELDS
- POSSIBLE PREMIER SOCCER PITCH (ARTIFICIAL TURF FOR EARLY AND LATE SEASON GAMES) LOCATE IN FAR CORNER
- PREMIER RUGBY PITCH (144M X 70M)
- POSSIBLE BLEACHERS AT PREMIER FIELDS
- ULTIMATE NEEDS 40 YD X 125 YD FIELDS FOR TOURNAMENTS
- STORAGE FOR SOCCER, STORAGE WITH SCOREBOARD FOR RUGBY
- RESTROOMS, STORAGE AND POSSIBLE CONCESSION BUILDING (GROUP TOGETHER RATHER THAN SPREADING ACROSS SITE)
- PROVIDE PARKING LOTS, NOT ALONG ROADS.
- PICNIC SHELTERS FOR GROUPS OF 40, 200 AND 500
- POSSIBLE COVERED SHELTER FOR ICE SKATING

STAKEHOLDERS INCLUDED:
FRIENDS OF FORT MISSOULA REGIONAL PARK
FORT MISSOULA HISTORICAL MUSEUM
ROCKY MOUNTAIN MILITARY MUSEUM
NORTHEAST ROCKIES HERITAGE CENTER MISSOULA COUNTY
MISSOULA COUNTY PUBLIC SCHOOLS
UNIVERSITY OF MONTANA MISSOULA PARKS BOARD
ULTIMATE STRIKERS MAGGOTS YMCA

Cultural Resources
Working with Western Cultural, Inc.
April –September 2008
PRESERVE AND MAINTAIN THE HISTORIC DOUBLE ROW OF TREES
(USE TREES WITH SIMILAR SIZE AND SHAPE)

AVOID INTRODUCING TRAFFIC IMPACTS AT OFFICERS ROW

PROVIDE PEDESTRIAN CONNECTIONS TO ADJACENT AREAS
OF FORT MISSOULA

PROVIDE INTERPRETIVE SIGNAGE TO ENHANCE THE PARK EXPERIENCE

MAINTAIN BUFFER ZONE AROUND POST CEMETERY
ALONG WITH VEHICULAR ACCESS AND PARKING

AVOID NON-COMPATIBLE ARCHITECTURE

AVOID IMPACTS OF NONCOMPATIBLE USES

STAY CLEAR OF “TRASH SCATTER”, NON DISCLOSURE OF SITE
(MAINTAIN 30 CM HORIZON)
SIGNIFICANT HISTORIC PERIODS

ORIGINAL FORT MISSOULA 1877-1900
FORT RECONSTRUCTION 1900-1912
CIVILIAN CONSERVATION CORPS. 1933-1941
WWII INTERNEMENT CAMP 1941-1947

HISTORIC LANDSCAPES

CITY BEAUTIFUL
1880-1920

CIVILIAN CONSERVATION CORPS. (CCC)
1933-1941

THE CIVILIAN CONSERVATION CORPS WAS PART OF PRESIDENT FRANKLIN D. ROOSEVELT’S NEW DEAL PROGRAM, FROM 1933-1941
THE CIVILIAN CONSERVATION CORPS (CCC) HAD TWO PURPOSES. ONE TO CONSERVE OUR NATURAL RESOURCES AND THE OTHER TO PUT AMERICANS BACK TO WORK DURING THE GREAT DEPRESSION.

ROADWAYS, LODGES, CABINS, RECREATION STRUCTURES, TRAILS, PARKS, BRIDGES, AND THOUSANDS OF TREES WERE PLANTED AS PART OF THE CCC PROGRAM.

75 YEAR ANNIVERSARY

FORT MISSOULA SERVED AS THE CIVILIAN CONSERVATION CORPS (CCC) TRAINING, SUPPLY AND ADMINISTRATION CENTER FOR THE ROCKY MOUNTAIN REGION. WORKERS WERE MOBILIZED FROM FORT MISSOULA TO WORK AT YELLOWSTONE AND GLACIER NATIONAL PARKS.

THE PROPOSED PARK THEMING IS BASED UPON THIS SIGNIFICANT PART OF THE PARKS AND RECREATION MOVEMENT.
OBJECTIVES
- UPDATE PUBLIC ON FORT MISSOULA REGIONAL PARK PLANNING PROCESS
- SHARE WESTERN CULTURAL, INC. FINDINGS ON CULTURAL RESOURCES AND RECOMMENDATIONS FOR PARK DESIGN
- SHARE DESIGN DEVELOPMENT OF PARK SITE & ANSWER QUESTIONS
- PROVIDE PUBLIC FORUM FOR CITIZENS TO BRAINSTORM IDEAS FOR HISTORICAL INTERPRETATION OF GUARDSMAN LANE (ALSO KNOWN AS THE CCC ROAD).

ROUNDTABLE DISCUSSION
- PUBLIC GENERALLY SUPPORTED PLANS AND THEMING IDEAS
- THE CCC THEMING IS CONSISTANT WITH HISTORY OF SITE
- PROVIDE TRAFFIC CALMING, MARK CROSS WALKS, DIVIDE LANES WITH MEDIANS, DISCOURAGE CUT THRU TRAFFIC, IMPROVE PEDESTRIAN ACCESS BETWEEN NEIGHBORHOODS AND PARK
- RECOMMEND NAMING THE “CCC ROAD” FOR VEHICULAR ROAD & “GUARDMAN LANE” FOR TRAIL WITH DOUBLE ROW OF TREES.
- KEEP TRAILS CLOSER TO ROADS TO MAXIMIZE OPEN SPACE OF PARK
PROPOSED PARK DESIGN

SUSTAINABLE APPROACH TO DESIGN

PROVIDE PEDESTRIAN CONNECTIVITY TO REGIONAL TRAILS, NEIGHBORHOODS AND NEARBY ACTIVITY AREAS. MAKE PARK WALKABLE.

PROVIDE CONNECTIONS TO PUBLIC TRANSPORTATION (MOUNTAIN LINE STOP)

LIMIT BLUEGRASS TO SPORTS FIELDS. USE NATIVE GRASSES IN PASSIVE AREAS, SYNTHETIC TURF WHERE APPROPRIATE

USE NATIVE OR XERIC TREES AND SHRUBS

PROVIDE SOPHISTICATED IRRIGATION SYSTEM, CONTROLLER AND WEATHER STATION

RECHARGING GROUND WATER WITH VEGETATED SWALES

UTILIZE RECYCLED MATERIALS (ROAD BASE, SITE FURNITURE, ETC.)

PRESERVE HISTORIC VIEWS

RESPECT HISTORIC COMPATIBILITY

PRESERVE CULTURAL ASSETS OF SITE
83 Acres
740 Parking Spaces

MAINTAIN HISTORIC LANDSCAPE (OPEN VIEWS)
CLUSTER STRUCTURES

STAY CLEAR OF "TRASH SCATTER", NON DISCLOSURE OF SITE (MAINTAIN 30 CM HORIZON)
PROPOSED ENTRY OFF 33TH AVENUE
Central Community and Regional Events Area

VEHICULAR ACCESS/ INTERSECTION IMPROVEMENTS/CIRCULATION
PARK CHARACTER
Entry Arrival
“IRON MIKE”

THE FIRST STATUE EVER PRODUCED IN HONOR OF THE CCC WAS TITLED “SPIRIT OF THE CCC” OR “IRON MIKE” ORIGINALLY DEDICATED IN 1935 BY FDR

Entry Sculpture

Central Community and Regional Events Area
Large all school reunions, festivals, concerts, museum, arts and cultural events, schools, family and corporate picnics
Restrooms/Concession
WE'RE STUDYING FIELD CONSTRUCTION TYPES: TOPSOIL BASED FIELDS VS. SAND BASED FIELDS.

**PRO'S**
1. FIELD CAN BE BUILT COMPLETELY FLAT. BEST PLAYING FOR SOCCER WITH REDUCED INJURIES (PRO FIELDS ARE FLAT).
2. SAND IS LESS EXPENSIVE AND MORE READILY AVAILABLE THAN TOPSOIL.
3. SAND BASED FIELDS ARE PLAYABLE IN LESS TIME FOLLOWING RAINFALL. THERE IS LESS DETERIORATION. THIS IS VERY IMPORTANT WITH LARGE TOURNAMENTS.
4. FLAT FIELDS ARE EASIER TO BUILD AT ONE ELEVATION. LOW POINTS ARE EASIER TO AVOID.
5. GOALS CAN BE ROTATED IN ANY POSITION REDUCING WEAR PATTERNS.

**CON'S**
1. FIELDS WILL REQUIRE APPROX. 10% MORE WATER AND FERTILIZER THAN TOPSOIL BASED FIELDS. BUT THIS CAN BE MITIGATED BY USING FERTIGATION (DIRECT APPLICATION TO LAWN WITH MINIMAL LEACHING INTO SOIL).
Use vegetated swales to transport and filter storm water. Use dry well sump to dispose of excess water that cannot infiltrate the grass.
Regional Trail Connection

Possible Interpretation

Possible CCC Warehouse Interpretation
Possible CCC Bakery Interpretation
Possible Historic Cemetery Interpretation

Future River Connection

Trail System
- Connectivity
- Loop Trails .5 mile and 1.5 miles
- Interpretive Opportunities

Signage
Signage

Site Furniture
THE STATE HISTORICAL PRESERVATION BOARD HAS APPROVED THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK. THESE PLANS INCLUDE:

1) THE INTERPRETATION OF GUARDSMAN LANE THROUGH A COMBINATION OF ROAD AND TRAIL DESIGN AND LAYOUT, SIGNAGE, AND TREE LINED ROAD SIMILAR TO OLD FORT ROAD.
THE STATE HISTORICAL PRESERVATION BOARD HAS APPROVED THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK. THESE PLANS INCLUDE:

1) THE INTERPRETATION OF GUARDSMAN LANE THROUGH A COMBINATION OF ROAD AND TRAIL DESIGN AND LAYOUT, SIGNAGE, AND TREE LINED ROAD SIMILAR TO OLD FORT ROAD.

2) NAMING THE NEW ENTRY OFF SOUTH AVENUE INTO THE PARK “CCC ROAD” AND THE NEW TRAIL “GUARDSMAN LANE TRAIL”

3) STRONG PRESENCE AND USE OF LANDSCAPE AND ARCHITECTURE TO INTERPRET THE CCC ERA AND CITY BEAUTIFUL WITH EMPHASIS ON THE CCC THEMING.
THE STATE HISTORICAL PRESERVATION BOARD HAS APPROVED THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK. THESE PLANS INCLUDE:

1) THE INTERPRETATION OF GUARDSMAN LANE THROUGH A COMBINATION OF ROAD AND TRAIL DESIGN AND LAYOUT, SIGNAGE, AND TREE LINED ROAD SIMILAR TO OLD FORT ROAD.

2) NAMING THE NEW ENTRY OFF SOUTH AVENUE INTO THE PARK “CCC ROAD” AND THE NEW TRAIL “GUARDSMAN LANE TRAIL”

3) STRONG PRESENCE AND USE OF LANDSCAPE AND ARCHITECTURE TO INTERPRET THE CCC ERA AND CITY BEAUTIFUL WITH EMPHASIS ON THE CCC THEMING.

4) INTERPRETATION OF THE BAKERY, WAREHOUSE AND HISTORIC LANDSCAPE, AS WELL AS PARK ENTRY SIGNAGE

THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK WERE APPROVED BASED UPON THE COMMITMENT AND ATTENTION TO DETAIL OF THE CCC ERA.

THE CITY HAS NOW COMPLIED WITH ALL THE REQUIREMENTS OF THE FEDERAL 106 ANTIQUITIES ACT AND THE MONTANA HISTORIC AND CULTURAL PRESERVATION ACTS. THE SHPO (STATE HISTORIC PRESERVATION OFFICER) HAS PROVIDED A LETTER OF CONCURRENCE.
DESIGN DEVELOPMENT PLANS INCLUDED:
Existing Conditions & Removals
Layout Plans
Grading Plans
Landscape and Irrigation Plans
Roadway Plan & Profile
Schematic Utility & Lighting Plans
Site Details
Phasing Plans
PHASING/ COSTS

PHASING PLAN BASED UPON INFRASTRUCTURE, UTILITIES, OVERLOT GRADING, AND PRIORITY OF FACILITIES
SITE DIVIDED INTO 7 AREAS
PHASE ONE IMPROVEMENTS  
$5,259,030  
Escalation to mid 2010 - $6,047,884

PHASE 1 - OVERLOT GRADING, UTILITIES, PARKING AND AREA ONE MULTI-USE SPORTS FIELDS. THIS PHASE INCLUDES THE INFRASTRUCTURE FOR THE PARK & NEEDS TO BE COMPLETED IN ITS ENTIRETY

AREA 1 - 250 PARKING SPACES

Area 2 Improvements  - $3,495,297  
Escalation to mid 2010 - $4,019,592

AREA 2 - Entry Road, Parking, Premier Rugby Pitch
Area 3 Improvements - $3,123,001
Escalation to mid 2010 - $3,591,452

AREA 3 – Community and Regional Events Area

Area 4 Improvements - $439,925
Escalation to mid 2010 - $505,914

AREA 4 – Parking Lot Expansion
Area 5 Improvements - $554,851
Escalation to mid 2010 - $638,079

Area 6 Improvements - $2,443,937
Escalation to mid 2010 - $2,810,528

AREA 5 – Proposed Future Shared Parking & 36th Avenue Extension

AREA 6 – Championship Soccer Field
AREA 7 Improvements - $1,225,110
Escalation to mid 2010 - $1,443,376

FUTURE PHASES
Area 4 Improvements
$439,925
Escalation to mid 2010
$503,914

Area 5 Improvements
$554,851
Escalation to mid 2010
$638,079

Area 6 Improvements
$2,443,937
Escalation to mid 2010
$2,810,328

Area 7 Improvements
$1,225,110
Escalation to mid 2010
$1,443,376

Overall Project Total
$17,548,515
Escalation to mid 2010
$20,180,792

ESTIMATE OF PROBABLE COST
Thank You