Phalen Regional Park Multi-Modal Transportation Study

Arcade Street Park Entrance

Existing Conditions/Issues/Opportunities

- Opportunity to enhance trail connections to the parking lot.
- Opportunity to add/improve lighting.
- Opportunity to remove unnecessary pavement and remove two-way vehicle movements, while providing a safer entrance to the park.
- Lack of park entrance identification sign.

Preliminary Concept

- Potential future trail

Legend:
- Proposed concrete sidewalk/walk
- Existing concrete sidewalk/walk
- Existing trail
- Road/parking lot
- Potential future trail
- Reclaimed greenspace
- Use area sign
- Proposed lighting
- Existing lighting
- Proposed tree

PARKING STATISTICS
Peak Demand: 10 Stalls
Existing Count: 6 Stalls
Proposed Count: 8 Stalls
Change: +2 Stalls
+500 SF Green Space
Picnic Island

Existing Conditions/Issues/Opportunities

Opportunity to enhance trail connections to the parking lot.

Opportunity to improve the confusing roadway turnaround and parking lot circulation.

Preliminary Concept

Legend:
- Proposed Concrete Walk/Sidewalks
- Existing Trail
- Road/Parking Lot
- Proposed Trail
- Reclaimed Greenspace
- Proposed Lig-T
- Existing Light
- Proposed Tree

PARKING
Peak Demand: 59 Stalls
Existing Count: 69 Stalls
Proposed Count: 65 Stalls
Change: -4 Stalls

+2000 SF Green Space
Phalen Regional Park Multi-Modal Transportation Study

Lakeside Activity Center

Existing Conditions/Issues/Opportunities

Preliminary Concept

LEGEND
- PROPOSED CONCRETE WALK/SIDEWALK
- EXISTING CONCRETE WALK/SIDEWALK
- EXISTING TRAIL
- ROAD/PARKING LOT
- RECLAIMED GREENSPACE
- PROPOSED LIGHT
- EXISTING LIGHT
- USE AREA SIGN
- PROPOSED TREE

PARKING STATISTICS
PEAR DEMAND: 67 STALLS
EXISTING COUNT: 66 STALLS
PROPOSED COUNT: 96 STALLS
CHANGE: 30 STALLS

-1000 SF Green Space

Reduce vehicle conflicts with entering/exitng vehicles and provide a trash enclosure.
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Picnic Pavilion

Existing Conditions/Issues/Opportunities

Opportunity to provide additional parking stalls to meet the peak demand by reducing stall widths from 11 feet wide to 5 foot standard.

Opportunity to provide an improved trash enclosure.

Preliminary Concept

LAYERING:
- PROPOSED CONCRETE WALK/SEWERLINE
- EXISTING CONCRETE WALK/SEWERLINE
- ROAD/PARKING LOT
- MONUMENT SIGN
- EXISTING LIGHT
- PROPOSED TREE

PARKING STATISTICS:
- PEAK DEMAND: 76 STALLS
- EXISTING COUNT: 71 STALLS
- PROPOSED COUNT: 80 STALLS
- CHANGE: +7 STALLS

2000 SF Green Space
Beach House

Existing Conditions/Issues/Opportunities

Pinch points between the parking lot and trail areas.

Opportunity to improve parking lot circulation.

Opportunity to improve the drop off area, improve a confusing pedestrian crossing, and reduce trail/roadway conflicts.

Preliminary Concept

NORTH

LEGEND
PROPOSED CONCRETE WALK/ Sidewalk
EXISTING CONCRETE WALK/SIDEBARK
ROAD/PARKING LOT
PROPOSED TRAIL
RECLAIMED GREENSPACE
EXISTING LIGHT
PROPOSED LIGHT
LOSE AREA SIGN
PROPOSED TREE

PARKING STATISTICS
PEAK DEMAND: 97 STALLS
EXISTING COUNT: 115 STALLS
PROPOSED COUNT: 196 STALLS
NEW: 6 STALLS
+2000 SF Green Space

BEACH AREA

014030-014031-014032
South End

Existing Conditions/Issues/Opportunities

Opportunity to increase parking supply to meet peak parking demand by reducing 10 to 11 foot wide parking stalls to a standard 9 foot stall.

Vehicles often idle while waiting for a parking spot.

Preliminary Concept

LEGEND
- EXISTING TRAIL
- ROAD/PARKING LOT
- EXISTING LIGHT
- USE AREA SIGN

PARKING STATISTICS
PEAK DEMAND: 16 STALLS
EXISTING COUNT: 16 STALLS
PROPOSED COUNT: 21 STALLS
CHANGE: +5 STALLS

+/- 0 SF Green Space
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Bcat Launch Area

Existing Conditions/Issues/Opportunities

- Opportunity to combine and economize the parking area and turnaround, while removing confusing circulation.
- Lack of path and parking area lighting.
- Opportunity to expand the Oaks Savanna.
- Trail/boat launch conflicts.

Preliminary Concept

- PROPOSED CONCRETE WALK/SIDWALK
- EXISTING TRAIL
- ROAD/PARKING LOT
- PROPOSED TRAIL
- RECLAIMED GREENSPACE
- PROPOSED LIGHT
- PROPOSED TREE

PARKING STATISTICS
- PEAK DEMAND: 33 STALLS
- EXISTING COUNT: 32 STALLS
- PROPOSED COUNT: 32 STALLS
- CHANGE: 0 STALLS
- TRAILER SPACES: 5 STALLS

+12,090 SF Green Space

Lake Phalen

Round Lake

Pinch Point

Round Lake

Lake Phalen

- Issue Area
- Opportunity Area