



Bicycle Master Plan

Study Session

1/28/2013

Vision Statement

Mesa is a world-class city for bicycling where bicycling is a viable transportation choice. Mesa encourages active participation in policy and planning efforts through all levels of the community. Mesa will build a more inclusive bicycling community through a well-designed, finely woven web of facilities connecting parks and recreation, schools, activity centers, and employment centers, and by representing the needs of the diverse population of bicyclists in Mesa.

Goals

- TO IMPROVE SAFETY OF BICYCLISTS THROUGHOUT MESA, REDUCING THE RATE OF BICYCLE RELATED CRASHES BY ONE-THIRD BY THE YEAR 2022.
- TO DEVELOP AND IMPLEMENT THE LEAGUE OF AMERICAN BICYCLISTS' FIVE MEASURABLE E'S OF A BICYCLE FRIENDLY COMMUNITY: EDUCATION, ENFORCEMENT, ENGINEERING, ENCOURAGEMENT, AND EVALUATION.

Goals Continued

- TO ACHIEVE SILVER, THEN GOLD, AND THEN PLATINUM LEVEL BICYCLE FRIENDLY COMMUNITY STATUS BY THE YEAR 2022.
- TO ESTABLISH CAPITAL AND OPERATING BUDGETS FOR THE BICYCLE PROGRAM AT A LEVEL TO ACCOMPLISH THESE GOALS ON AN ONGOING BASIS BY 2022.
- TO INCREASE BICYCLE MODE SHARE FOR ALL TRIPS TO WORK AND SCHOOL IN MESA TO 5% WITHIN THE LIFE OF THE PLAN.

Education – Safety and Awareness

- Children – Bike to School and Bicycle Rodeos
- Adults – Regional Classes



Encouragement

- Resources – Maps, Web
- **MesaRides!** - Initiative
- Events – Tour de Mesa, Ciclovía

Enforcement

- Police Officer Re-Education Briefings
- Arizona Bicycle Laws



Facilities

Bicycle Parking



Bike Lanes



Sharrows



Bike Routes



Shared Use Paths
Pedestrian Signals

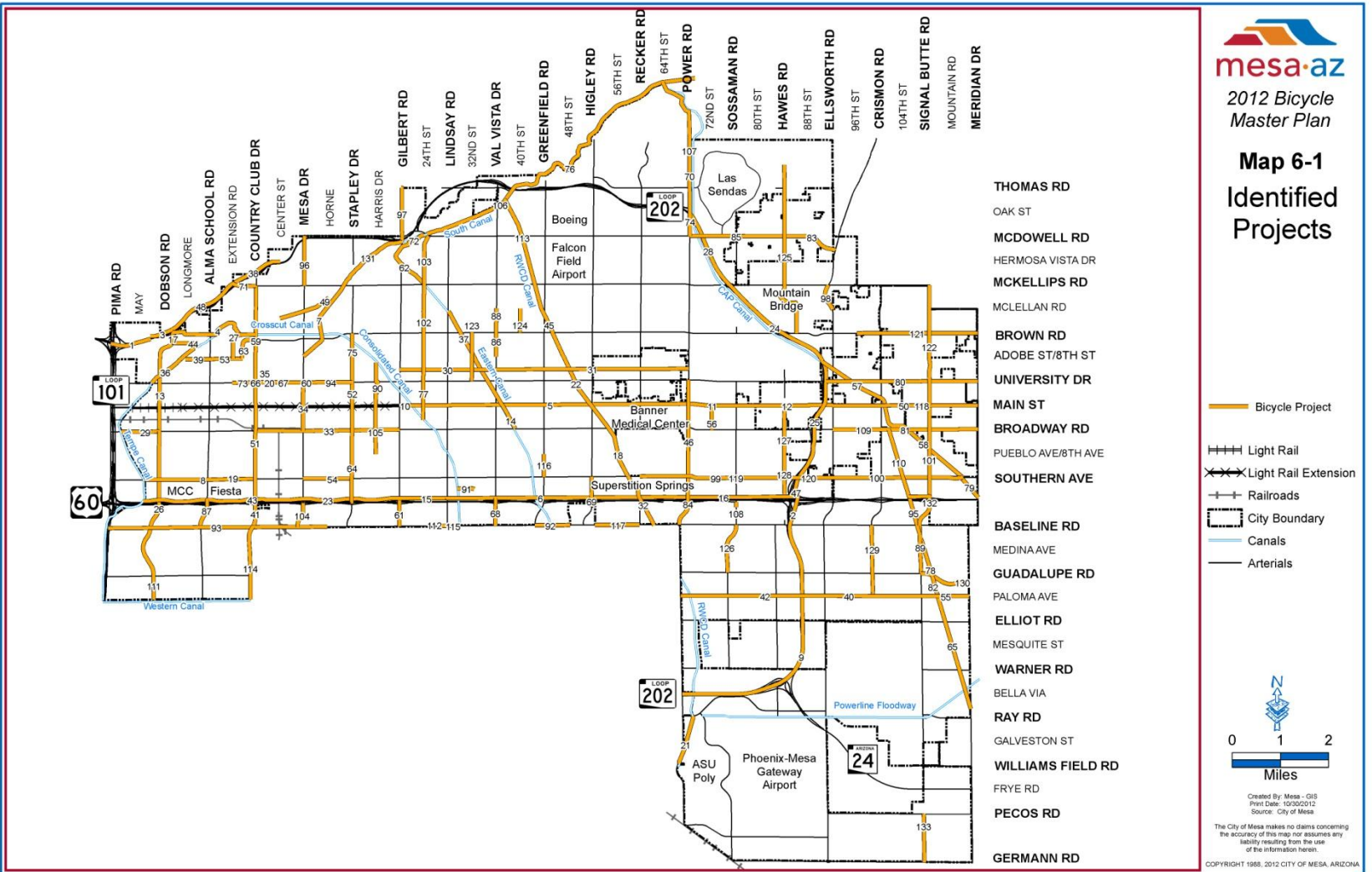


Colored Bike Lanes



Wayfinding

NETWORK NEEDS

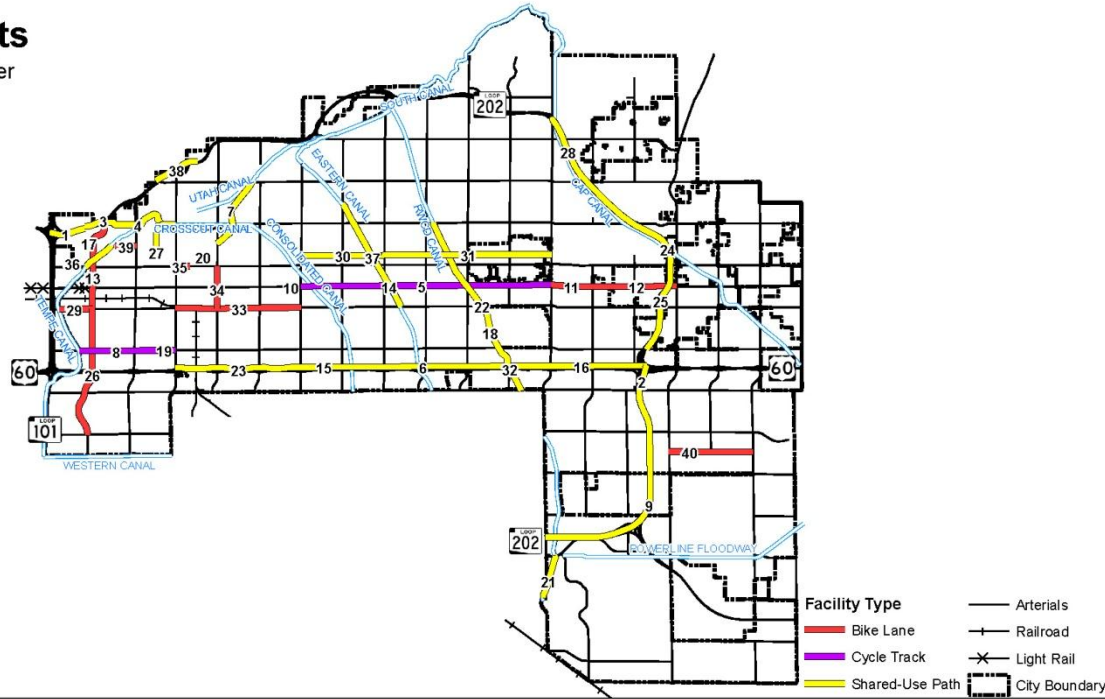


IMPLEMENTATION CRITERIA + NEEDS = PRIORITY

Top 40 Projects

Top 40 Projects

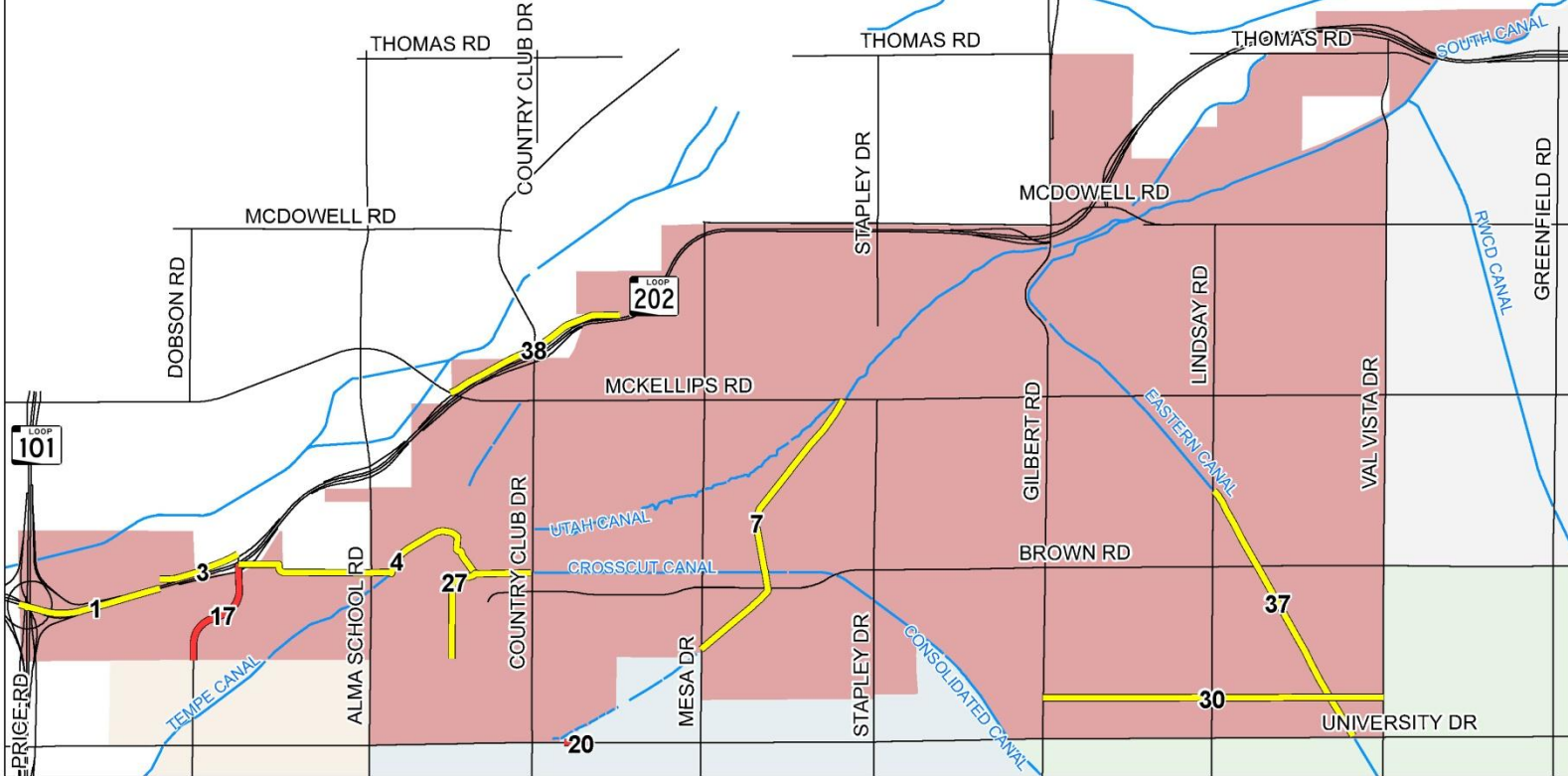
Labeled in Priority Order
Map 6-2



Priority	District	Project Location and Description	Facility Type	Multiple District Project
1	One	Riverview/Rio Salado Parkway - Wrigleyville West to Tempe Rio Salado Parkway	Shared-Use Path	
2	Six	Loop 202 Red Mountain Freeway R.O.W. - Baseline Road to U.S. 80	Shared-Use Path	
3	One	Riverview/Rio Salado Parkway - Wrigleyville West to Dobson Road	Shared-Use Path	
4	One	West Mesa Connector - Country Club Drive to Dobson Road	Shared-Use Path	
5	Two	Main Street - Consolidated Canal to Power Road	Cycle Track	
6	Two	US 60 R.O.W. - Lindsay Road to Recker Road	Shared-Use Path	
7	One	Porter Park Pathway - Mesa Drive to McKellips Road	Shared-Use Path	
8	Three	Southern Avenue - Country Club Drive to West City Limit (Hiesta District)	Cycle Track	
9	Six	Loop 202 Red Mountain Freeway R.O.W. - Power Road to Baseline	Shared-Use Path	
10	Four	Main Street - Gilbert Road to the Consolidated Canal	Cycle Track	
11	Five	Main Street - Power Road to Sossaman Road	Bike Lane	
12	Five	Main Street - Sossaman Road to Ellsworth Road	Bike Lane	
13	Three	Dobson Road - Broadway Road to 8th Street	Bike Lane	
14	Two	Shared-Use Path - Eastern Canal - University Drive to Broadway Road	Shared-Use Path	
15	Three	Shared-Use Path - US 60 R.O.W. - Gilbert Road to Lindsay Road	Shared-Use Path	
16	Six	US 60 R.O.W. - Recker Road to the Loop 202 San Tan Freeway	Shared-Use Path	
17	One	Dobson Road - Rio Salado Parkway to the Loop 202 Red Mountain Freeway	Bike Lane	
18	Two	RWCD/EMF - Broadway Road to Southern Avenue	Shared-Use Path	
19	Four	Southern Avenue - Country Club Drive to Extension Road	Cycle Track	Three
20	One	University Drive - Country Club Drive to Macdonald	Bike Lane	

Priority	District	Project Location and Description	Facility Type	Multiple District Project
21	Six	RWCD/EMF - Ray Road to Williams Field Road	Shared-Use Path	
22	Two	R.W.C.D.Canals SUP - Brown Road to Broadway Road	Shared-Use Path	
23	Four	US 60 R.O.W. - Country Club Drive to Gilbert Road	Shared-Use Path	
24	Five	Loop 202 Red Mountain Freeway - McKellips Road to University Drive	Shared-Use Path	
25	Five	Loop 202 Red Mountain Freeway - University Drive to Southern Avenue	Shared-Use Path	
26	Three	Dobson Road - Broadway Road to Guadalupe Road	Bike Lane	
27	One	Utah Canal Connection - Rio Salado Parkway to the West Mesa Connector	Shared-Use Path	
28	Five	Loop 202 Red Mountain/CAP - Power Road to McKellips Road	Shared-Use Path	
29	Three	Broadway Road - Dobson Road to West City Limit	Bike Lane	
30	One	Highline Trail - Gilbert Road to Val Vista Drive	Shared-Use Path	
31	Two	Highline SBP Powerline Easement	Shared-Use Path	
32	Two	RWCD/EMF - Southern Avenue to Baseline Road	Shared-Use Path	Six
33	Four	Broadway Road - Country Club Drive to Gilbert Road	Bike Lane	
34	Four	Mesa Drive - Broadway Road to University Drive	Bike Lane	
35	Four	University Drive - Country Club Drive to Robson	Bike Lane	One
36	Three	Tempe Canal - University Drive to 8th Street	Shared-Use Path	
37	One	Eastern Canal Trail - Lindsay Road to University Drive	Shared-Use Path	
38	One	Salt River Basin - McKellips Road to Center Street	Shared-Use Path	
39	Three	Rio Salado - Longmore Road to Alma School Road	Bike Lane	One
40	Six	Powerline Easement - Ellsworth Road to Signal Butte Road	Bike Lane	

District 1 Recommended Projects



Priority	District	Project Location and Description	Facility Type	Multiple District Project
1	One	Riverview/Rio Salado Pathway - Wrigleyville West to Tempe Rio Salado Pathway	Shared-Use Path	
3	One	Riverview/Rio Salado Pathway - Wrigleyville West to Dobson Road	Shared-Use Path	
4	One	West Mesa Connector - Country Club Drive to Dobson Road	Shared-Use Path	
7	One	Porter Park Pathway - Mesa Drive to McKellips Road	Shared-Use Path	
17	One	Dobson Road - Rio Salado Parkway to the Loop 202 Red Mountain Freeway	Bike Lane	
20	One	University Drive - Country Club Drive to Macdonald	Bike Lane	
27	One	Utah Canal Connection - Rio Salado Parkway to the West Mesa Connector	Shared-Use Path	
30	One	Highline Trail - Gilbert Road to Val Vista Drive	Shared-Use Path	
37	One	Eastern Canal Trail - Lindsay Road to University Drive	Shared-Use Path	
38	One	Salt River Basin - McKellips Road to Center Street	Shared-Use Path	

Facility Type

- Bike Lane
- Shared-Use Path
- Canals

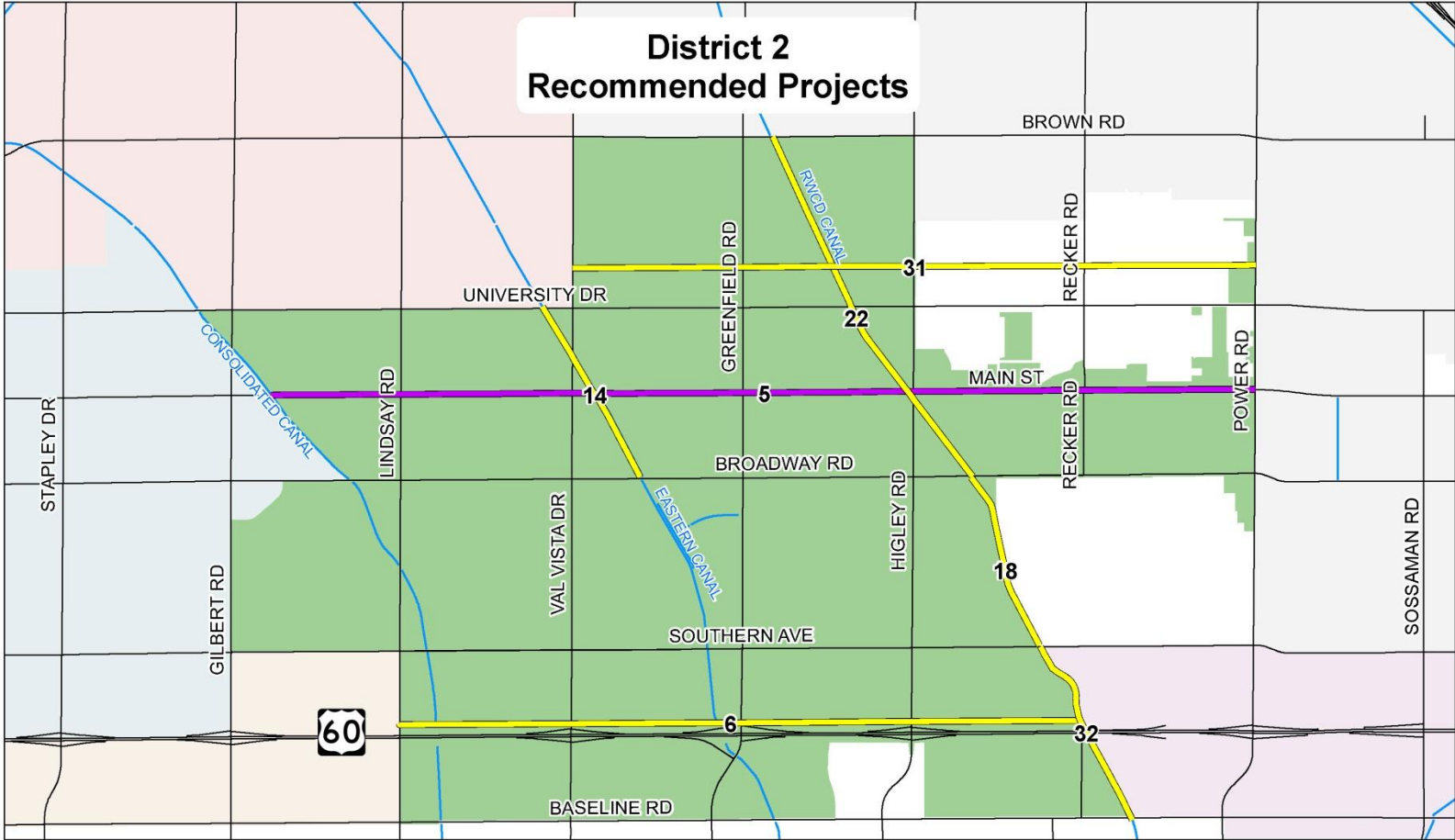
Districts

- DISTRICT 1
- DISTRICT 2
- DISTRICT 3
- DISTRICT 4
- DISTRICT 5
- DISTRICT 6

Infrastructure

- Streets
- Railroad
- Light Rail

District 2 Recommended Projects



Priority	District	Project Location and Description	Facility Type	Multiple District Project
5	Two	Main Street - Consolidated Canal to Power Road	Cycle Track	
6	Two	US 60 R.O.W. - Lindsay Road to Recker Road	Shared-Use Path	
14	Two	Shared-Use Path - Eastern Canal - University Drive to Broadway Road	Shared-Use Path	
18	Two	RWCD/EMF - Broadway Road to Southern Avenue	Shared-Use Path	
22	Two	R.W.C.D Canal SUP - Brown Road to Broadway Road	Shared-Use Path	
31	Two	Highline SRP Powerline Easement	Shared-Use Path	
32	Two	RWCD/EMF - Southern Avenue to Baseline Road	Shared-Use Path	Six

Facility Type

- Cycle Track
- Shared-Use Path

DISTRICT 1 — Streets

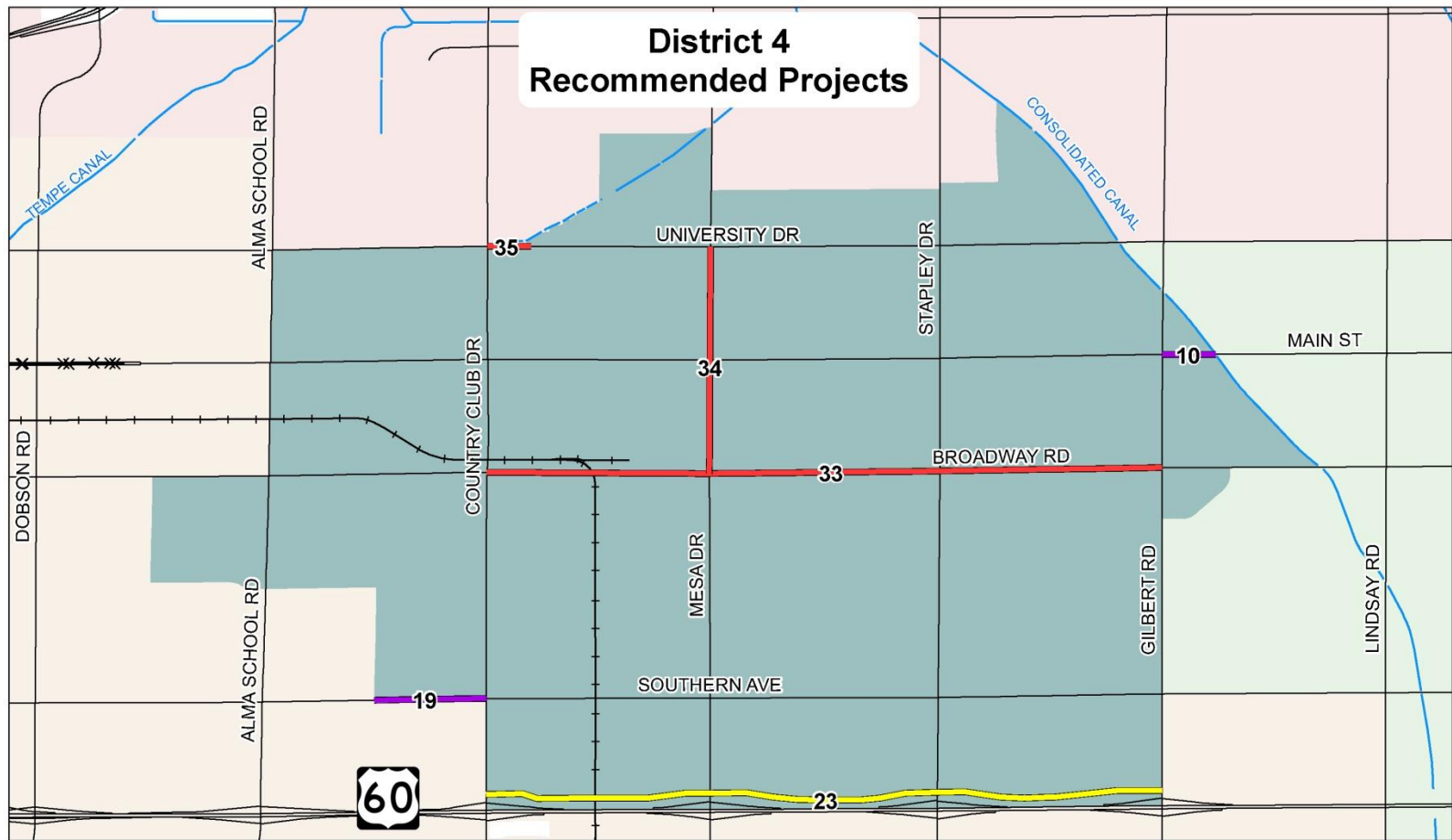
DISTRICT 2 — Railroad

DISTRICT 3 — Light Rail

DISTRICT 4 — Canals

DISTRICT 5

DISTRICT 6



Priority	District	Project Location and Description	Facility Type	Multiple District Project
10	Four	Main Street - Gilbert Road to the Consolidated Canal	Cycle Track	
19	Four	Southern Avenue - Country Club Drive to Extension Road	Cycle Track	Three
23	Four	US 60 R.O.W. - Country Club Drive to Gilbert Road	Shared-Use Path	
33	Four	Broadway Road - Country Club Drive to Gilbert Road	Bike Lane	
34	Four	Mesa Drive - Broadway Road to University Drive	Bike Lane	
35	Four	University Drive - Country Club Drive to Robson	Bike Lane	One

Facility Type

- Bike Lane
- Cycle Track
- Shared-Use Path

DISTRICT 1 — Streets

DISTRICT 2 — Railroad

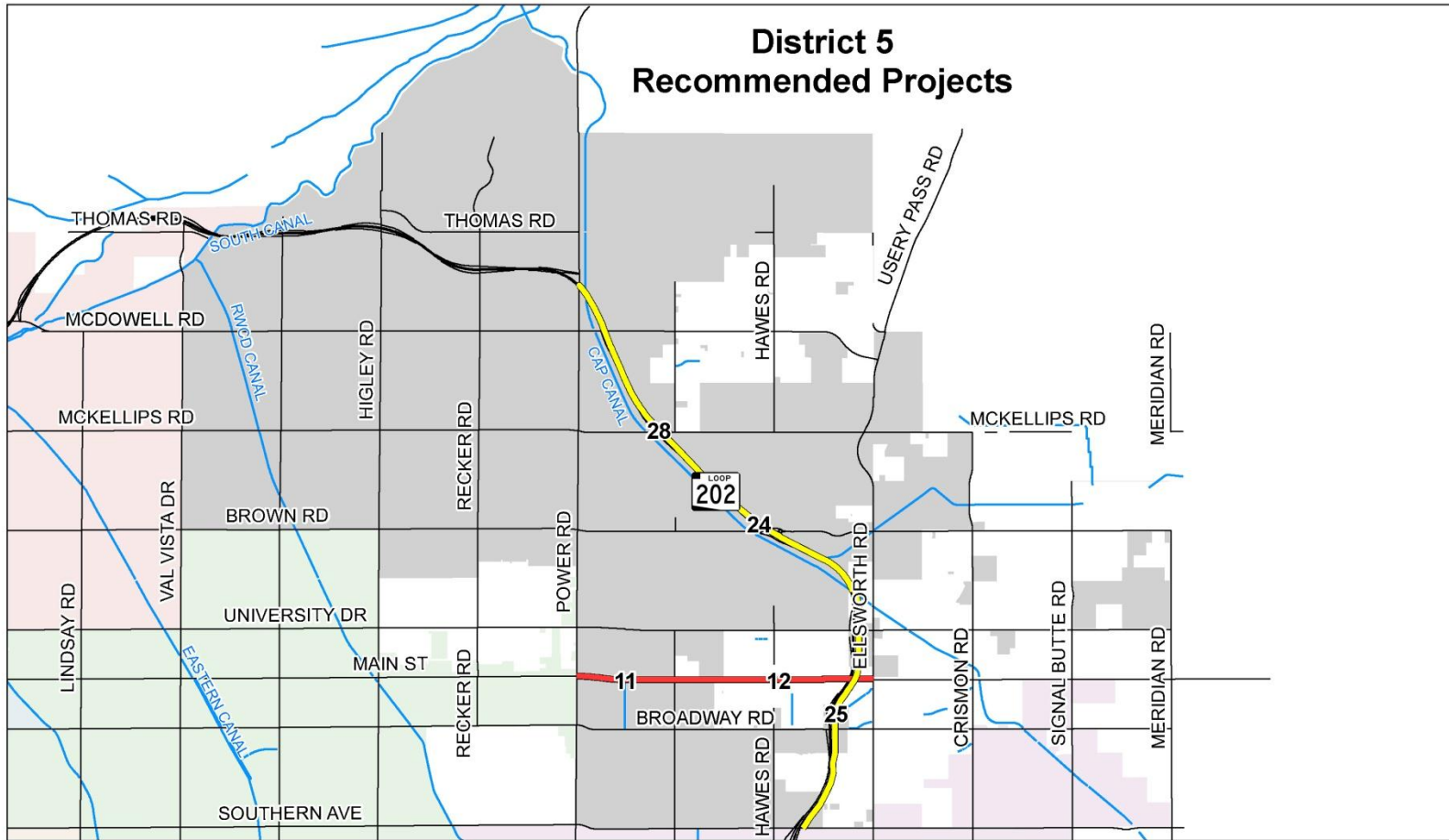
DISTRICT 3 — Light Rail

DISTRICT 4 — Canals

DISTRICT 5

DISTRICT 6

District 5 Recommended Projects



Priority	District	Project Location and Description	Facility Type	Multiple District Project
11	Five	Main Street - Power Road to Sossaman Road	Bike Lane	
12	Five	Main Street - Sossaman Road to Ellsworth Road	Bike Lane	
24	Five	Loop 202 Red Mountain Freeway - McKellips Road to University Drive	Shared-Use Path	
25	Five	Loop 202 Red Mountain Freeway - University Drive to Southern Avenue	Shared-Use Path	
28	Five	Loop 202 Red Mountain /CAP - Power Road to McKellips Road	Shared-Use Path	

Facility Type

- Bike Lane
- Shared-Use Path

DISTRICT 1 — Streets

DISTRICT 2 — Railroad

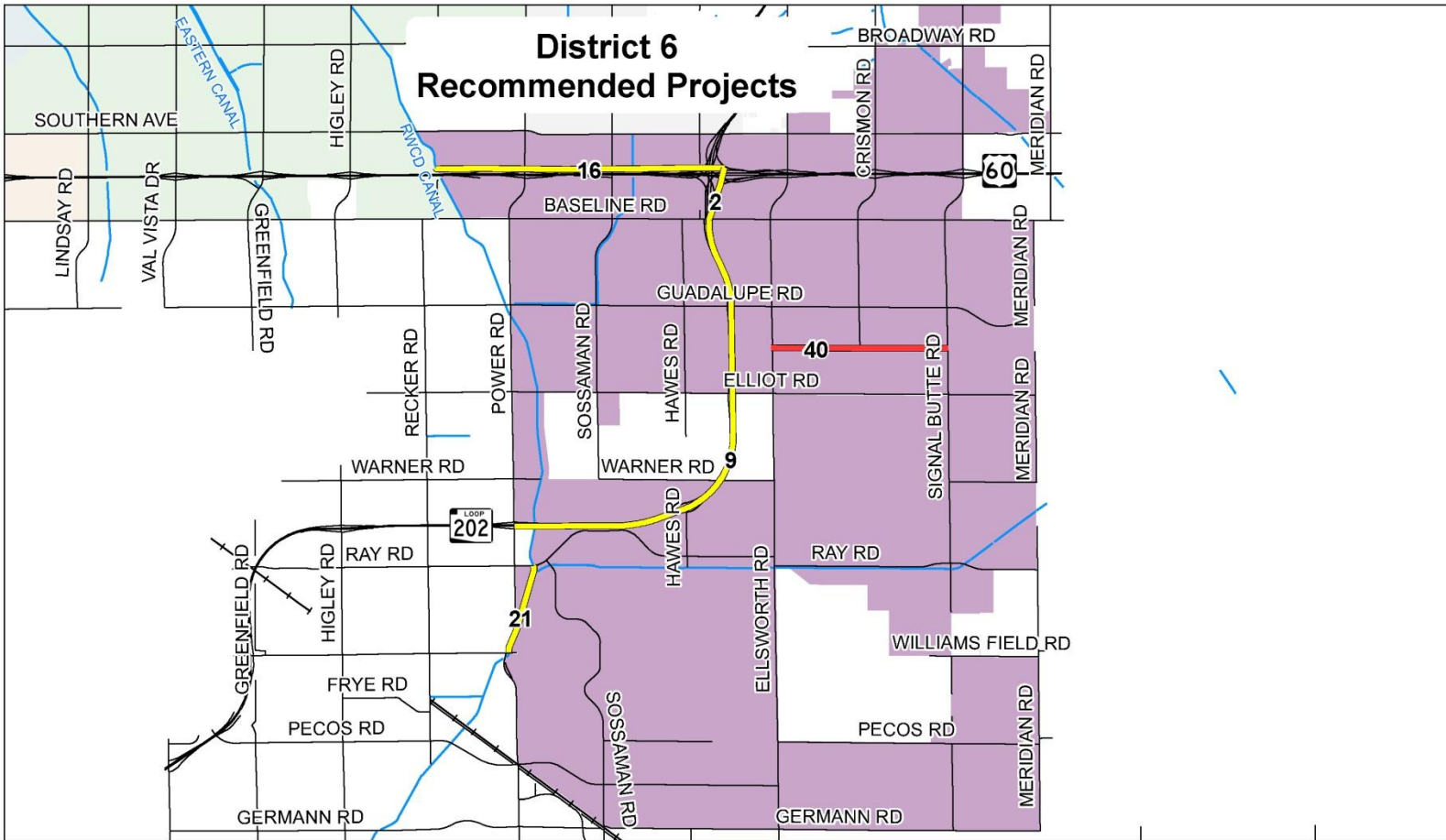
DISTRICT 3 — Light Rail

DISTRICT 4 — Canals

DISTRICT 5

DISTRICT 6

District 6 Recommended Projects



Priority	District	Project Location and Description	Facility Type	Multiple District Project
2	Six	Loop 202 Red Mountain Freeway R.O.W. - Baseline Road to U.S. 60	Shared-Use Path	
9	Six	Loop 202 Red Mountain Freeway R.O.W. - Power Road to Baseline	Shared-Use Path	
16	Six	US 60 R.O.W. - Recker Road to the Loop 202 San Tan Freeway	Shared-Use Path	
21	Six	RWCD/EMF - Ray Road to Williams Field Road	Shared-Use Path	
40	Six	Powerline Easement- Ellsworth Road to Signal Butte Road	Bike Lane	

Facility Type

- Bike Lane
- Shared-Use Path

DISTRICT 1 — Streets

DISTRICT 2 — Railroad

DISTRICT 3 — Light Rail

DISTRICT 4 — Canals

DISTRICT 5

DISTRICT 6

Recommendations for Program Expansion

- PROGRAMS FOR ADULT BICYCLISTS
- BICYCLE DIVERSION PROGRAM
- SAFE ROUTES TO SCHOOL
- BICYCLE MEDIA CAMPAIGN
- BICYCLE TOURISM PACKET

Questions?