Street Infrastructure -Proposed Capital Plan

ENGINEERING & CONSTRUCTION MANAGEMENT

EP DoT
City of El Paso
Department of Transportation

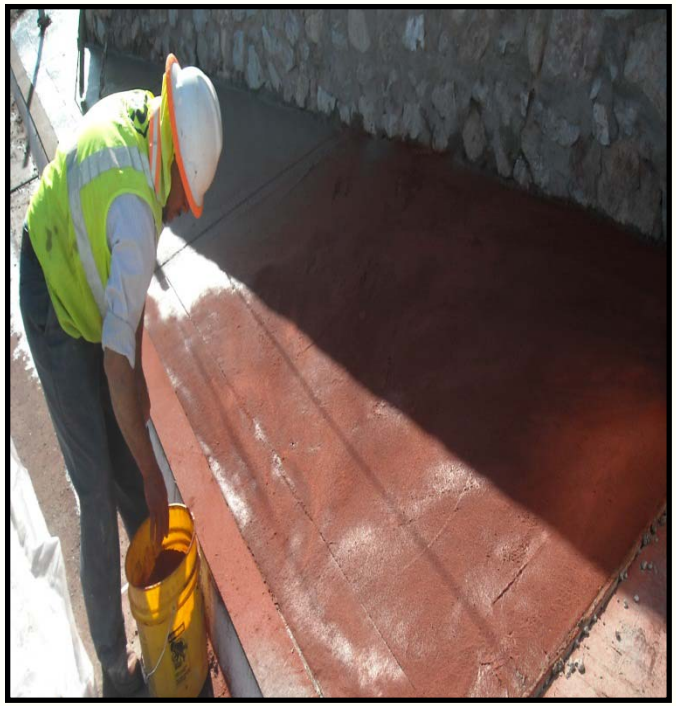
Special City Council Meeting
May 24, 2012

Intent

- Highlight work completed
- Outline parameters of proposed funding plan
  - Street Infrastructure
  - Red Light Cameras
- Identify proposed project categories > priorities
- Seek approval of proposed capital plan

Street Improvements Previously Authorized

Categories	Amount	
Signs & Markings		
CO's	$	4,200,000
GO's (Red Light Camera)	$	150,000
Street ROW Improvements (alleys)		
CO's	$	5,000,000
GO's	$	6,048,626
Street Medians		
GO's	$	8,107,322
ASARCO	$	747,682
Streets & Sidewalks		
CO's	$	132,309,440
GO's	$	36,632,334
TXDoT	$	2,200,000
Sun Metro	$	602,004
Enhancements	$	500,000
Private	$	781,560
ADA Compliance	$	5,000,000
Sidewalk Gap	$	650,000
GO's (Red Light Camera)	$	150,000
Asarco	$	747,682
Total	$	203,826,650



Ingersoll Rand
SIERRA
916-772-0613
PF-6110
Blaw-Knox

ONLY

DOWNTOWN AREA IMPROVEMENTS

COMPLETED

- CBD PH-I
- CBD PH-II
- CBD PH-III
- SIXTH AVE
- UNION PLAZA STREETSCAPE PROJECT

IN DESIGN / CONSTRUCTION

- CBD PH-IV
- SAN ANTONIO AVE
- SAN JACINTO PLAZA
- CAVALRY MAN

Proposed Street Infrastructure Capital Plan

Purpose: *Establish a consistent long-term funding mechanism to plan and execute critical improvements to maintain, enhance and expand street infrastructure citywide*

Term: 7 years, FY 2013-FY2019

Value: $210,000,000

Funding Source: Certificates of Obligation

Project Categories

1. Synchronization of Signal Network
2. Resurfacing/Micro-surfacing
3. Reconstruction
4. Unpaved Right-of-Ways / Alleys
5. Street Median & Parkway Landscaping
6. Neighborhood Traffic Management Program
7. Pedestrian Elements, Sidewalk & Parkway Improvements

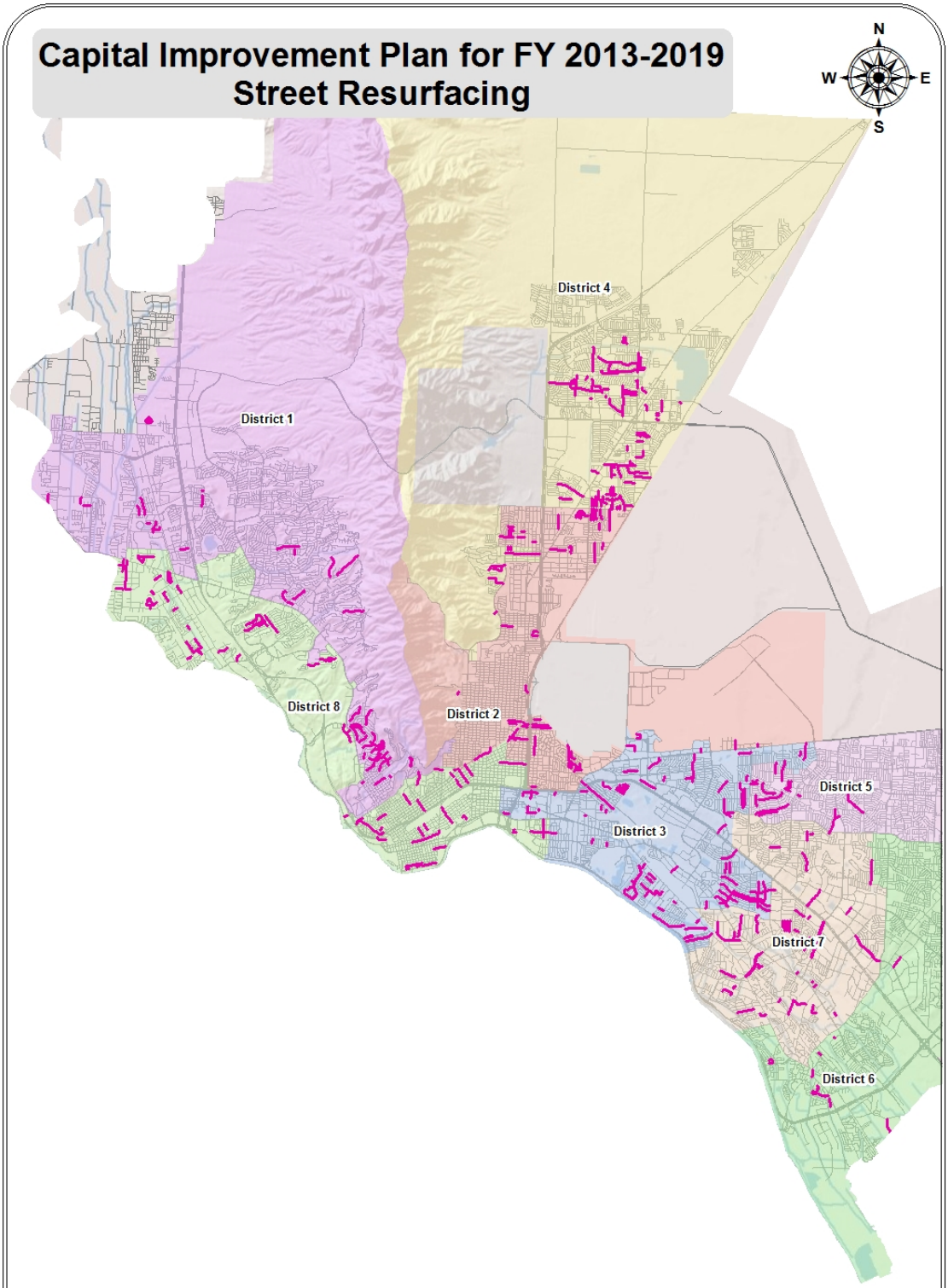
Street Infrastructure Plan for FY 2013-FY 2019

PROJECT	Funds	FY 2013	FY 2014	FY 2015	FY 2016	FY2017	FY 2018	FY 2019
Synchronization of Signal Network	**$4.5 M**	**$2 M**	**$2.5 M**	**$0**	**$0**	**$0**	**$0**	**$0**
Resurfacing/ Microsurfacing	**$48 M**	**$11 M**	**$8.5 M**	**$11 M**	**$6.5 M**	**$5.5 M**	**$5.5 M**	**$0**
Reconstruction	**$136 M**	**$11 M**	**$15.75 M**	**$16.25 M**	**$20.8 M**	**$22.5 M**	**$22.2 M**	**$27.5 M**
Unpaved Right-of-Ways / Alleys	**$3.5 M**	**$2 M**	**$500 K**	**$500 K**	**$500 K**	**$0**	**$0**	**$0**

Synchronization of Signal Network

- Program will consist of Traffic Signal Network safety inspection and replacement of obsolete equipment and will update timing of traffic signals with priority to the four RTS routes.

Capital Improvement Plan for FY 2013-2019
Street Resurfacing



Map Contents

Street Resurfacing

EP DoT
City of El Paso
Department of Transportation

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May 24, 2012

Resurfacing 2013-2019

Street Name	From	Tobin	District
ALTACUMBRE	Camino Fuente	Camino Fuente	1
AMPOSTA B	Cresta Alta	Cresta Alta	1
BOX ELDER	Gomez	Gomez	1
BUTTERFIELD	Territory	Territory	1
CALLE OLASO	Equestre	Equestre	1
CHERRY HILL	Broadmoor	Broadmoor	1
CINCINNATI	Piedmont	Piedmont	1
CLAYTON	Galloway	Galloway	1
COLINA ALTA	Fountain	Fountain	1
COLUMBINE	Montoya	Montoya	1
COSTA BLANCA	Pinar del Rio	Pinar del Rio	1
DEDE	Rim	Rim	1
FLAMINGO B	Okeefe	Okeefe	1
FOUNTAIN B	Snow Heights	Snow Heights	1
GALLOWAY	Stanton	Stanton	1
GEORGIA	Cliff	Cliff	1
HILLCREST	Bancroft	Bancroft	1
IRONDALE	Lawndale	Lawndale	1
KELLY	Kern	Kern	1
KRUPP	Waymore	Waymore	1
LA CRUZ	Okeefe	Okeefe	1
LARCHMONT	Krupp	Krupp	1
LOS NIETOS	La Mirada	La Mirada	1
MARDI GRAS	Carousel	Carousel	1
MESITA A	Peidmont	Peidmont	1
MOORE	Piedmont	Piedmont	1
NAVARIE	Pinar del Rio	Pinar del Rio	1
NEW YORK	St. Vrain	St. Vrain	1
OCTAVIA	Kerbey	Kerbey	1
OKEEFE A	Mesita	Mesita	1
ONEIDA	Merriman	Merriman	1
OSAPLE	Rio Mira	Rio Mira	1
PALO VERDE	Maguey	Maguey	1
PARK HILL	Ridgecrest	Ridgecrest	1
PAWNEE	Iroquis	Iroquis	1
RHAELYNNE	Cory	Cory	1
RIO MIRA	Butterfield	Butterfield	1
ROXANNA	Ridge	Ridge	1
RUBIN A	Suncrest	Suncrest	1
SAN MATEO	La Cruz	La Cruz	1
SANTA RITA	Las Vegas	Las Vegas	1
SINGING HILLS	Thunderbird	Thunderbird	1
SOLEDAD	Mulberry	Mulberry	1
TERRITORY	Butterfield	Butterfield	1
VALLEY WEST	Gomez	Gomez	1
WALLINGTON	Beals	Beals	1
WELLESLEY	Kern	Kern	1

Resurfacing 2013-2019

BERYL	Dolomite	Dolomite	2
BRITTON	Dyer	Dyer	2
BROADDUS A	Alameda	Alameda	2
CAPITAN	Mt Latona	Mt Latona	2
CHELSEA A	Timberwolf	Timberwolf	2
CHELSEA B	Timberwolf	Timberwolf	2
CROSSON	CDS	CDS	2
DERICK	Carnagie	Carnagie	2
DEVORE	Eclipse	Eclipse	2
DOLOMITE	Magnetic	Magnetic	2
FORREST	Hunt	Hunt	2
FRANKFORT C	Stevens	Stevens	2
FRANKFORT D	Dyer	Dyer	2
FRANKFORT E	Gateway North	Gateway North	2
GRANT C	Piedras	Piedras	2
GRISSOM	Martin	Martin	2
HAPPER	Leeds	Leeds	2
HASTINGS C	Happer	Happer	2
HOMER	Gateway South	Gateway South	2
HUNT	Forrest	Forrest	2
JADE	Zircon	Zircon	2
MADERA	Radford	Radford	2
MARR B	Altura	Altura	2
MCGREGOR	Maxwell	Maxwell	2
MEMPHIS A	Red Rock Canyon	Red Rock Canyon	2
MEMPHIS C	Stevens	Stevens	2
MEMPHIS D	Dyer	Dyer	2
MEMPHIS E	Pershing	Pershing	2
MOBILE A	Piedras	Piedras	2
MOBILE D	Radford	Radford	2
MOUNT DELANO	Hondo Pass	Hondo Pass	2
MOUNT HAGEN	Pikes Peak	Pikes Peak	2
MOUNT WHITNEY B	Tetons	Tetons	2
NASHVILLE A	Piedras	Piedras	2
NEBRASKA	Nations	Nations	2
PEINADO	Wagner	Wagner	2
POLLARD C	Jefferson	Jefferson	2
ROBERT A	Maxwell	Maxwell	2
SHELL	Montana	Montana	2
STATLER	Tetons	Tetons	2
STRAND	McGregor	McGregor	2
TRADEWIND	Mercury	Mercury	2
VEGA	Polaris	Polaris	2
WAGNER	Red Canyon	Red Canyon	2
WEIGHTMAN	Timberwolf	Timberwolf	2
WILSON	Pershing	Pershing	2
ABRAHAM	Alameda	Alameda	3
ALASKA	Yuma	Yuma	3

Resurfacing 2013-2019

ALGONQUIN	Geronimo	Geronimo	3
ALLEGHENY	Convair	Convair	3
AQUARIUS	Turrentine	Turrentine	3
ARAPAHO	Geronimo	Geronimo	3
ASH	Dempsey	Dempsey	3
AVALON	Sunglow	Sunglow	3
BALSAM A	Barker	Barker	3
BALSAM B	Papaya	Papaya	3
BEN SWAIN C	Toni	Toni	3
BENSON B	Hunter	Hunter	3
BOWIE	Manzana	Manzana	3
BUCHER	North Loop	North Loop	3
CESSNA A	Sunglow	Sunglow	3
CESSNA B	Edgemere	Edgemere	3
CHIP CHIP	Alameda	Alameda	3
CIBOLA	Clark	Clark	3
CLEVELAND A	Paisano	Paisano	3
CLEVELAND B	Atoka	Atoka	3
COCONUT TREE	Granite	Granite	3
CORNWALL	Castletown	Castletown	3
DE HAVILLAND	Convair	Convair	3
DUNNE	Washington	Washington	3
EDITH A	Little Flower	Little Flower	3
EDITH B	Lettie	Lettie	3
FINDLEY B	San Antonio	San Antonio	3
FIRESTONE	Montana	Montana	3
FLINT	Polo Inn	Polo Inn	3
FRANK VALDEZ	Lulac	Lulac	3
FULLAN	Alameda	Alameda	3
GOURD	Album	Album	3
GRANITE	Cardinal	Cardinal	3
GREEN VALLEY	Carolina	Carolina	3
HACIENDA A	Hunter	Hunter	3
HALF MOON	North Loop	North Loop	3
HARDY	Tampa	Tampa	3
HAWAII	Yuma	Yuma	3
HAWICK	Dunoon	Dunoon	3
HELENA	Aubrey	Aubrey	3
HERMOSILLO A	La Paz	La Paz	3
HERMOSILLO B	Ameca	Ameca	3
HERMOSILLO C	Hunter	Hunter	3
HILLER	Airport	Airport	3
HOLIDAY	Tampa	Tampa	3
INTERNATIONAL	Robert E Lee	Robert E Lee	3
J C CRAMER	Barker	Barker	3
JOSHUA	Durrill	Durrill	3
LA PAZ A	Corozal	Corozal	3
LA PAZ B	Santa Maria	Santa Maria	3

Resurfacing 2013-2019

LADERA B	Monterrey	Monterrey	3
LARRY MAHAN	Gateway West	Gateway West	3
LEAR	Boeing	Boeing	3
LETTIE	Ben Swain	Ben Swain	3
LILAC A	Carolina	Carolina	3
LINDEN	Alameda	Alameda	3
MANZANA	Bowie	Bowie	3
MARR E	Gateway East	Gateway East	3
MARY JEANNE	Toni	Toni	3
MAZATLAN A	Hunter	Hunter	3
MCCARTHY A	Hockney	Hockney	3
MERIL	Cardigan	Cardigan	3
MIDWAY B	Knights	Knights	3
MONTROSE	Mc Crae	Mc Crae	3
NAVAJO B	Apache	Apache	3
PAPAGO	Clark	Clark	3
PEACH TREE	George Orr	George Orr	3
PEAR TREE	George Orr	George Orr	3
PEARL	Amethyst	Amethyst	3
PRESTWICK	Cosmos	Cosmos	3
REVERE	Gateway East	Gateway East	3
SAN PAULO A	La Paz	La Paz	3
SANTA MARIA	Giles	Giles	3
SANTA MONICA	Giles	Giles	3
STEPHENSON	Gateway East	Gateway East	3
SURETY	Gateway East	Gateway East	3
TRINITY	Rusk	Rusk	3
TURRENTINE C	Glengarry	Glengarry	3
UTE	Clark	Clark	3
VENADO B	Ranchland	Ranchland	3
VERACRUZ	Ladera	Ladera	3
VIOLET	W H Burges	W H Burges	3
VOCATIONAL	Mimosa	Mimosa	3
WADE	Cosmos	Cosmos	3
ABILENE	Cermac	Cermac	4
ALCAN B	Prince Edward	Prince Edward	4
ALCAN C	Sun Valley	Sun Valley	4
BOBCAT	Bomarc	Bomarc	4
CURLEW	Debeers	Debeers	4
DALTON	Salisbury	Salisbury	4
DEARBORNE B	Mackinaw	Mackinaw	4
DEARBORNE C	Alcan	Alcan	4
DEBEERS A	Ambassador	Ambassador	4
DEBEERS B	Shenandoah	Shenandoah	4
DECATUR	Vicksburg	Vicksburg	4
DIAMOND	Westline	Westline	4
DOWNS	Fairfax	Fairfax	4
DUVAL	Marie Tobin	Marie Tobin	4

Resurfacing 2013-2019

FAIRFAX	Threadgill	Threadgill	4
FALCON	Mc Combs	Mc Combs	4
FERTELL	Sun Valley	Sun Valley	4
GRAND CANYON	Zion	Zion	4
GULFPORT	Salisbury	Salisbury	4
HOLLINGS A	Wren	Wren	4
HOLLINGS B	Joe Herrera	Joe Herrera	4
HUECO VISTA	Alabama	Alabama	4
JUNCTION A	Kenworthy	Kenworthy	4
JUNCTION B	Kenworthy	Kenworthy	4
KELLOGG A	Winthrop	Winthrop	4
KETCHIKAN	Prince Edward	Prince Edward	4
KISKA	Prince Edward	Prince Edward	4
LEVELLAND	Sweetwater	Sweetwater	4
MACAW	McCombs	McCombs	4
MACKEREL	Will Ruth	Will Ruth	4
MATTERHORN	Rutherford	Rutherford	4
MAUREEN A	Stahala	Stahala	4
MC COMBS SERVICE A	Sarah Anne	Sarah Anne	4
MC COMBS SERVICE B	Sun Valley	Sun Valley	4
MENZIES	Winthrop	Winthrop	4
MIDDLESBORO	Waverly	Waverly	4
MOUNT ETNA	Rutherford	Rutherford	4
MOUNT OLYMPUS	Joe Herrera	Joe Herrera	4
MOUNT SAN BERDU	Joe Herrera	Joe Herrera	4
MOUNTAIN WALK	Alabama	Alabama	4
NIKE	Sidewinder	Sidewinder	4
OLAN	Fairfax	Fairfax	4
OLD SPANISH TRAIL	Zion	Zion	4
OLYMPIC A	Magnetic	Magnetic	4
OLYMPIC B	Leo	Leo	4
PARADISE	Alcan	Alcan	4
PEACOCK	Rushing	Rushing	4
PERSIMMON	Marie Tobin	Marie Tobin	4
PICKEREL B	Marlin	Marlin	4
PONDEROSA	Palomino	Palomino	4
PORT ARTHUR	Sweetwater	Sweetwater	4
POTOMAC	Pheasant	Pheasant	4
RAVEN	Bomarc	Bomarc	4
RAYMOND TELLES A	Alps	Alps	4
REGULUS A	Mc Combs	Mc Combs	4
ROANOKE D	Joe Herrera	Joe Herrera	4
RUTHERFORD B	Stahala	Stahala	4
SALEM B	Rushing	Rushing	4
SANDERS A	Pistacio	Pistacio	4
SATURN	Edgar Park	Edgar Park	4
SHENANDOAH A	Thor	Thor	4
SIGMA	Sagittarius	Sagittarius	4

Resurfacing 2013-2019

SOLAR	Edgar Park	Edgar Park	4
THREADGILL A	Dyer	Dyer	4
THREADGILL B	Roanoak	Roanoak	4
TIVOLI	Deer	Deer	4
TRIDENT	Eisenhower	Eisenhower	4
TRIUMPH	Salem	Salem	4
TROPICANA D	Alcan	Alcan	4
TROUT	Wolverine	Wolverine	4
UVALDE	Sun Valley	Sun Valley	4
VANGUARD	Pickerel	Pickerel	4
VERBENA	Threadgill	Threadgill	4
VICEROY	Dearborne	Dearborne	4
VICKSBURG A	Threadgill	Threadgill	4
WALDORF	McCombs	McCombs	4
WOODBERRY	Mc Combs	Mc Combs	4
WOODCHUCK	Bomarc	Bomarc	4
ZEUS	Nike	Nike	4
ZION B	Alabama	Alabama	4
ALGIERS	Fir	Fir	5
ANISE A	Lee Trevino	Lee Trevino	5
BRANDWOOD	Blackwood	Blackwood	5
CIRWOOD	Penwood	Penwood	5
CORK B	Album	Album	5
COSMOS C	McRae	McRae	5
EAST GLEN B	Pebble Hills	Pebble Hills	5
FRANK BEARD	Sam Snead	Sam Snead	5
HONOLULU A	Montwood	Montwood	5
HONOLULU B	Wedgewood	Wedgewood	5
KAYWOOD	Parkwood	Parkwood	5
MONACO	Montwood	Montwood	5
SHETLAND	Edgemere	Edgemere	5
SUMATRA	Ceylon	Ceylon	5
TAHITI	Heather	Heather	5
WOODALL	Blackwood	Blackwood	5
DALE DOUGLAS C	Bob Mitchell	Bob Mitchell	6
DORSET	Coventry	Coventry	6
GOLONDRINA	Buena Park	Buena Park	6
GUADALAJARA	Singh	Singh	6
MARLICIA	Yaya	Yaya	6
NAKITU	Alton L. Griffin	Alton L. Griffin	6
NEVAREZ A	Inglewood	Inglewood	6
OLD PUEBLO A	Alameda	Alameda	6
ONATE	Candelaria	Candelaria	6
PULLMAN D	Henry Brennan	Henry Brennan	6
RENO	Southside	Southside	6
SANTA ROSALIA	Southside	Southside	6
ALCAZAR	Lomaland	Lomaland	7
ALGERITA	Riverside	Riverside	7

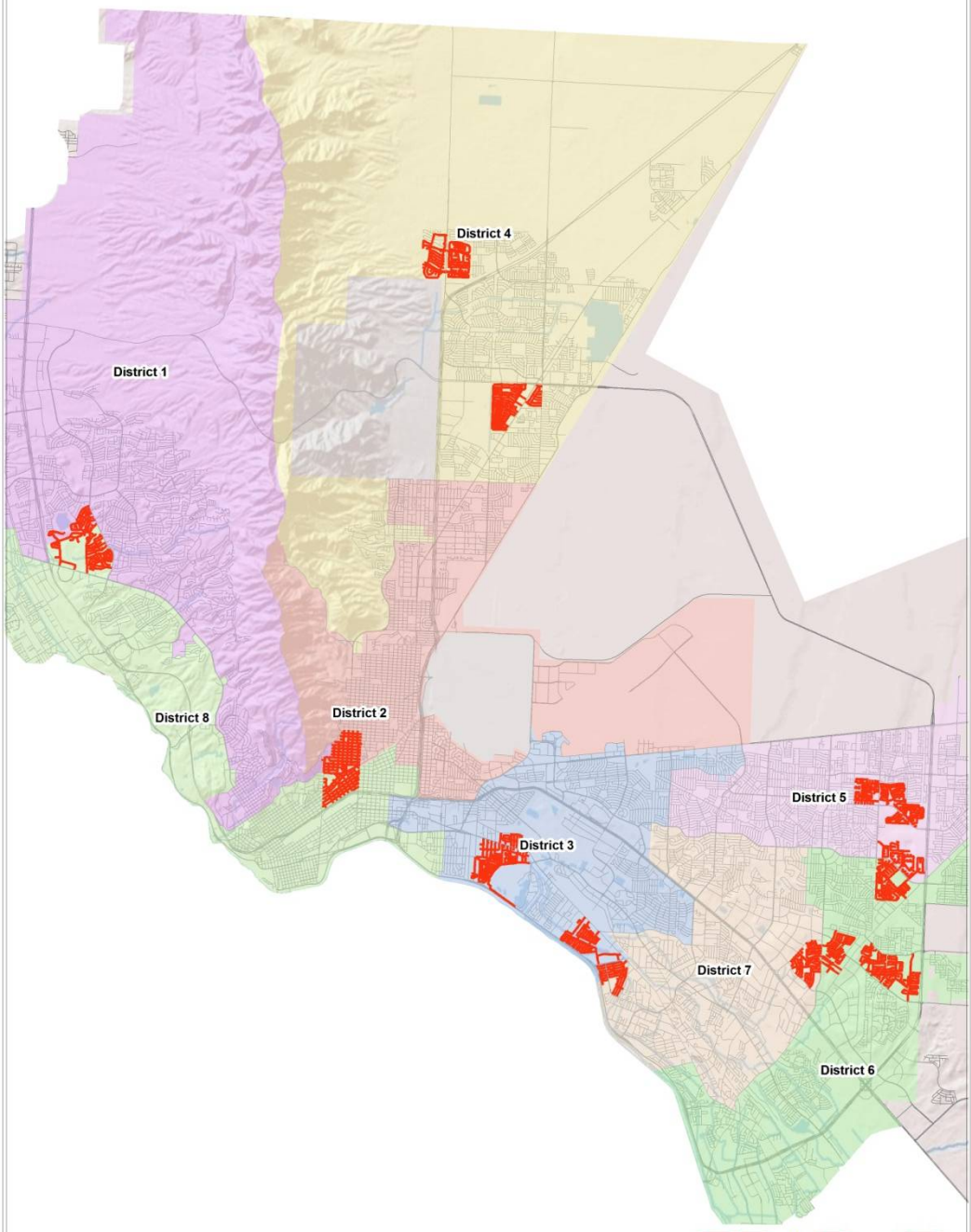
Resurfacing 2013-2019

ALLEN BRADLEY	James Watt	James Watt	7
AMUR	Danube	Danube	7
ARAQUAIA	Arboleda	Arboleda	7
BORRETT	Wells	Wells	7
BURGESS B	Yermoland	Yermoland	7
BURNHAM A	Stanley	Stanley	7
CAPELLO	Blacks	Blacks	7
CHRISTY	Williamette	Williamette	7
COLUMBIA	Greggerson	Greggerson	7
CRINCO	Burnham	Burnham	7
EMERSON A	Heid	Heid	7
FINITA	Whittier	Whittier	7
FRANCINE	Williamette	Williamette	7
FRAY	Willamette	Willamette	7
HAROLD	Starr	Starr	7
LA GENTE	Morelia	Morelia	7
LA PALOMA	Valley View	Valley View	7
LEE TREVINO J	Gateway East	Gateway East	7
LEE TREVINO K	Yermoland	Yermoland	7
LOMALAND D	Pellicano	Pellicano	7
NEW HAVEN A	Lasso	Lasso	7
NEWLAND	Stanley	Stanley	7
POLVO	Ron Quillo	Ron Quillo	7
RALPHEENE	Williamette	Williamette	7
RIO ARRIBA	Pedernales	Pedernales	7
ROJAS K	Pendale	Pendale	7
ROSEMARY	San Jose	San Jose	7
TOMWOOD A	Sumac	Sumac	7
TRANQUILO A	Yarbrough	Yarbrough	7
VAN HASELEN	Lasso	Lasso	7
VISTA LOMAS B	Vista De Oro	Vista De Oro	7
VISTA REAL A	Trawood	Trawood	7
WENDA B	Franklin	Franklin	7
WENDA C	Franklin	Franklin	7
YARBROUGH K	Alameda	Alameda	7
AVILA	Lombardy	Lombardy	8
BALLERINA	Sunset	Sunset	8
BEL MAR	Fiesta	Fiesta	8
BELTON A	Monarch	Monarch	8
BELTON B	Fiesta	Fiesta	8
BENEDICT	Perth	Perth	8
BIRCH	Grant	Grant	8
BITTER SWEET	Columbine	Columbine	8
BLACKSTONE	Roxbury	Roxbury	8
BRIARWOOD	Coeur Dalene	Coeur Dalene	8
BROWN D	Arizona	Arizona	8
CALIFORNIA A	Mesa	Mesa	8
CASTILE A	Belton	Belton	8

Resurfacing 2013-2019

CHARL ANN C	Shorty	Shorty	8
CIRCUS	Mardi Gras	Mardi Gras	8
CLIFTON A	Hueco	Hueco	8
COEUR D ALENE	Olmos	Olmos	8
COMANCHE	Tobin	Tobin	8
CORTO	Yandell	Yandell	8
CORVENA	Swan	Swan	8
DALLAS B	San Antonio	San Antonio	8
DETROIT	Cotton	Cotton	8
DOLAN A	Paisano	Paisano	8
EIGHTH A	Oregon	Oregon	8
FOURTH B	Park	Park	8
FRANKLIN	I-10	I-10	8
HEISIG	Prospect	Prospect	8
HOOKHEATH	Roxbury	Roxbury	8
J C MACHUCA	Sunland Park	Sunland Park	8
KINGSWOOD	Silverbell	Silverbell	8
LAREDO	Boone	Boone	8
LESLIE WARD	Boy Scout	Boy Scout	8
MARTINEZ	Delta	Delta	8
MEADOWLARK A	Vist Del Monte	Vist Del Monte	8
MONTOYA F	Portsmouth	Portsmouth	8
NINTH	Park	Park	8
NIXSON	Eucalyptus	Eucalyptus	8
OCTAVIA A	Cliff	Cliff	8
OCTAVIA C	McGoffin	McGoffin	8
OLEANDER	Love	Love	8
OVERLAND B	Cotton	Cotton	8
PACIFIC	Hidden	Hidden	8
PERTH	Riverbend	Riverbend	8
POPLAR A	Pershing	Pershing	8
ROSEWOOD	Arizona	Arizona	8
RUHLEN	Paisano	Paisano	8
SAINT VRAIN D	Olive	Olive	8
SILVERBELL	Kingswood	Kingswood	8
THRUSH	Warbler	Warbler	8
UPSON A	Heisig	Heisig	8
UPSON B	Fewel	Fewel	8
VISTA GRANDE	Country Club	Country Club	8
WESTCITY	Executive Center	Executive Center	8
WESTVIEW	Redd	Redd	8
	Total	$ 38,000,000.00	

Capital Improvement Plan for FY 2013-2019
Street Micro-Surfacing



Map Contents

Proposed Micro-Surfacing

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Department of Transportation

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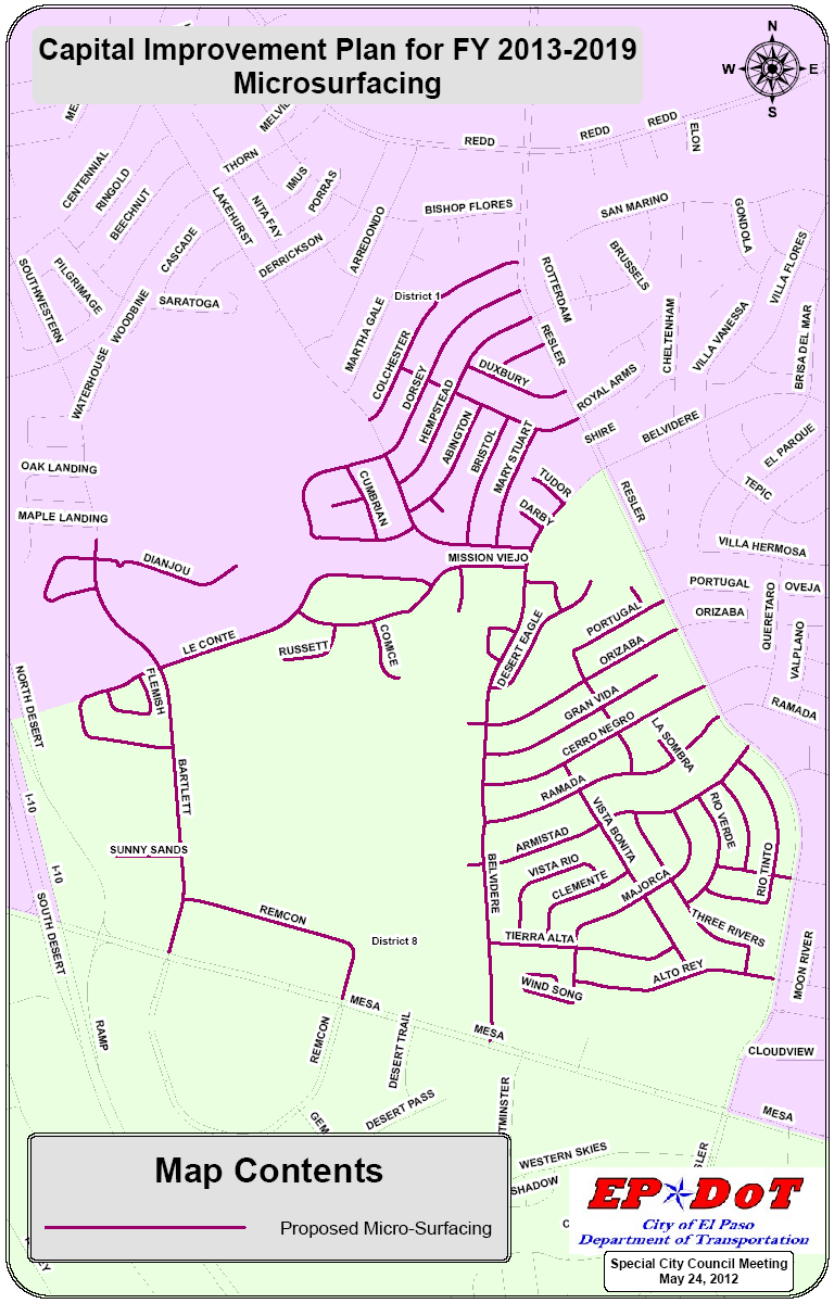
Capital Improvement Plan for FY 2013-2019
Microsurfacing
N
W
E
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REDD
REDD
REDD
ELON
CENTENNIAL
RINGOLD
BEECHNUT
THORN
IMUS
PORRAS
LAKEHURST
NITA FAY
CASCADE
DERRICKSON
ARREDONDO
BISHOP FLORES
SAN MARINO
GONDOLA
BRUSSELS
VILLA FLORES
SOUTHWESTERN
PILGRIMAGE
WOODBINE
SARATOGA
District 1
ROTTERDAM
RESLER
CHELTENHAM
VILLA VANESSA
BRISA DEL MAR
MARTHA GALE
COLCHESTER
DORSEY
HEMPSTEAD
DUXBURY
ROYAL ARMS
WATERHOUSE
ABINGTON
BRISTOL
MARY STUART
SHIRE
BELVIDERE
EL PARQUE
OAK LANDING
CUMBRIAN
TUDOR
DARBY
TEPIC
MAPLE LANDING
RESLER
VILLA HERMOSA
DIANJOU
MISSION VIEJO
PORTUGAL
OVEJA
ORIZABA
QUERETARO
LE CONTE
RUSSETT
COMCE
DESERT EAGLE
PORTUGAL
ORIZABA
VALPLANO
NORTH DESERT
FLEMISH
GRAN VIDA
RAMADA
CERRO NEGRO
LA SOMBRA
BARTLETT
RAMADA
I-10
VISTA BONITA
RIO VERDE
ARMISTAD
SUNNY SANDS
VISTA RIO
BELVIDERE
CLEMENTE
MAJORCA
RIO TINTO
I-10
SOUTH DESERT
REMCON
District 8
TIERRA ALTA
THREE RIVERS
ALTO REY
MOON RIVER
WIND SONG
MESA
MESA
RAMP
REMCON
DESERT TRAIL
CLOUDVIEW
DESERT PASS
MESA
WESTERN SKIES
SHADOW
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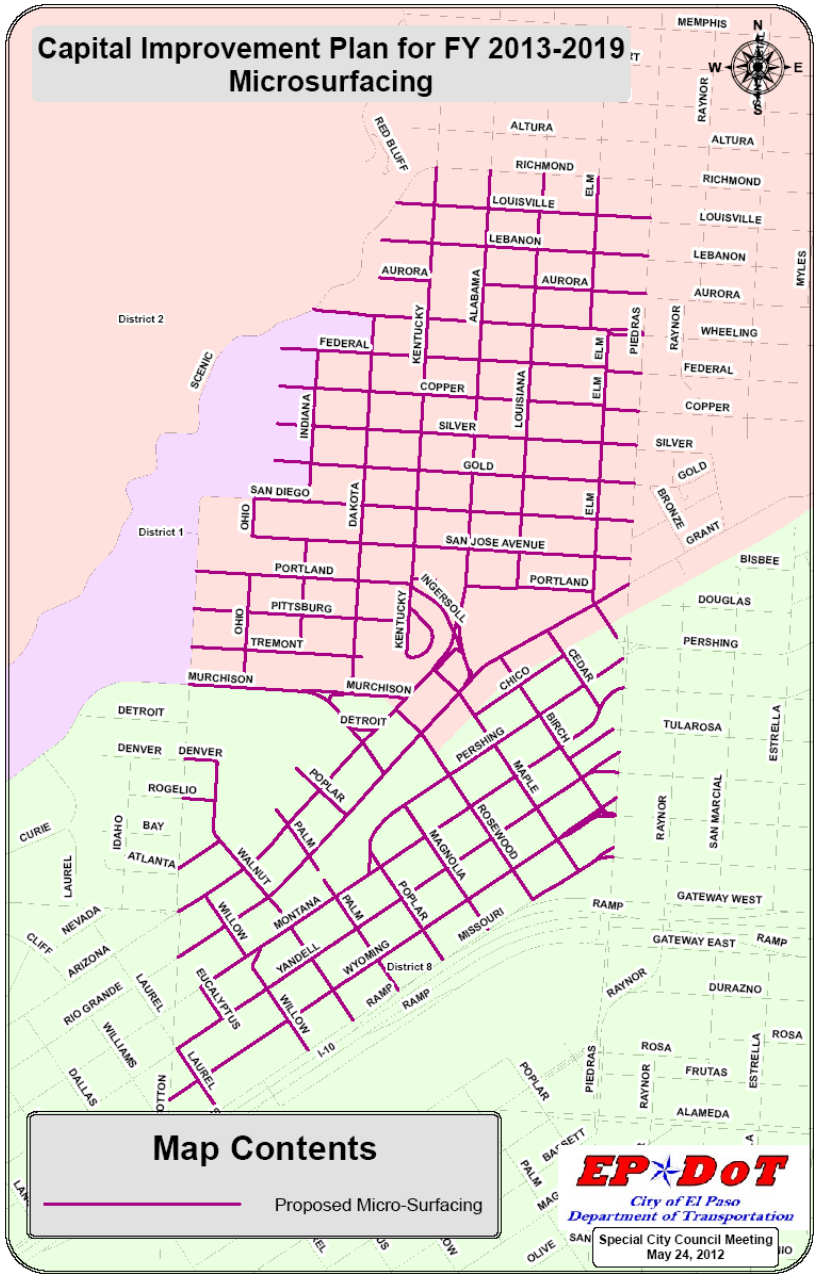
Capital Improvement Plan for FY 2013-2019
Microsurfacing



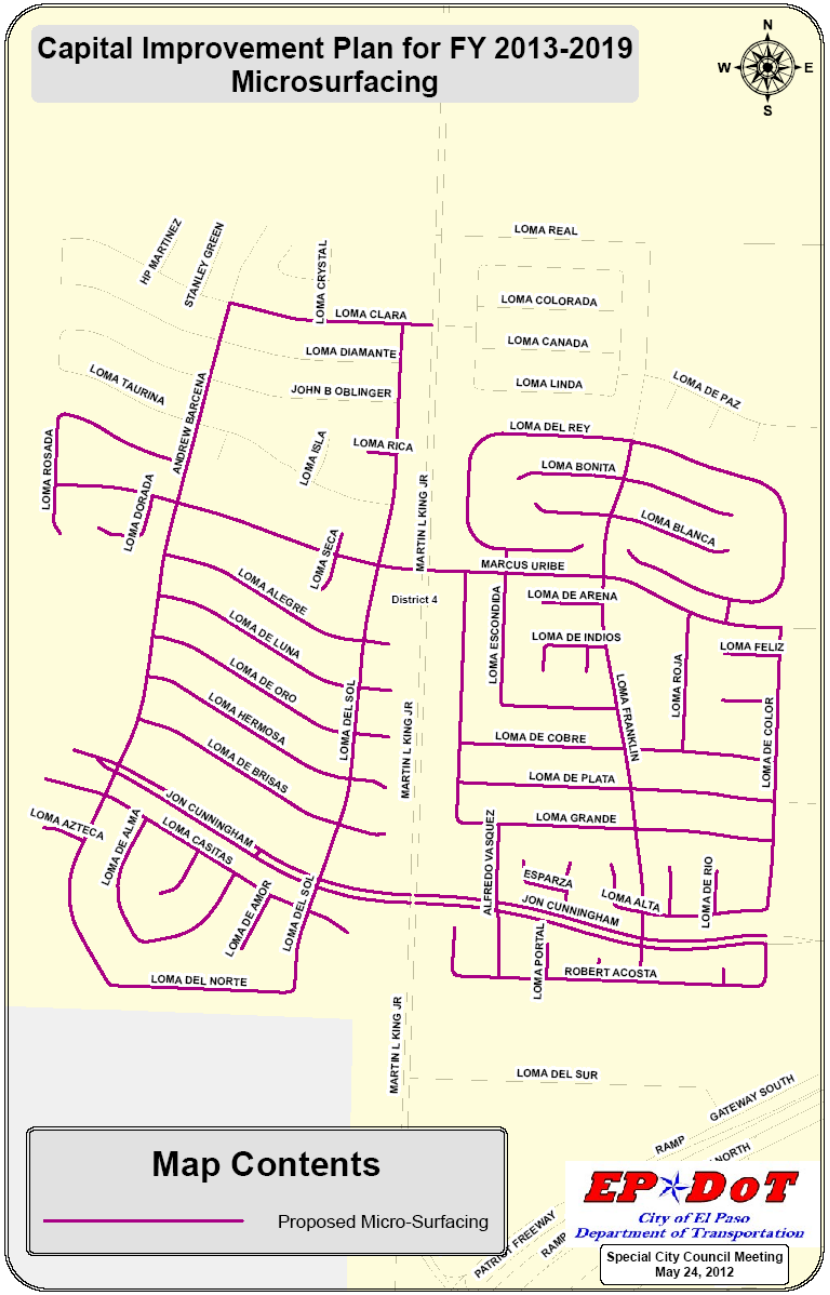
Map Contents

Proposed Micro-Surfacing

EP DoT
City of El Paso
Department of Transportation

Special City Council Meeting
May 24, 2012

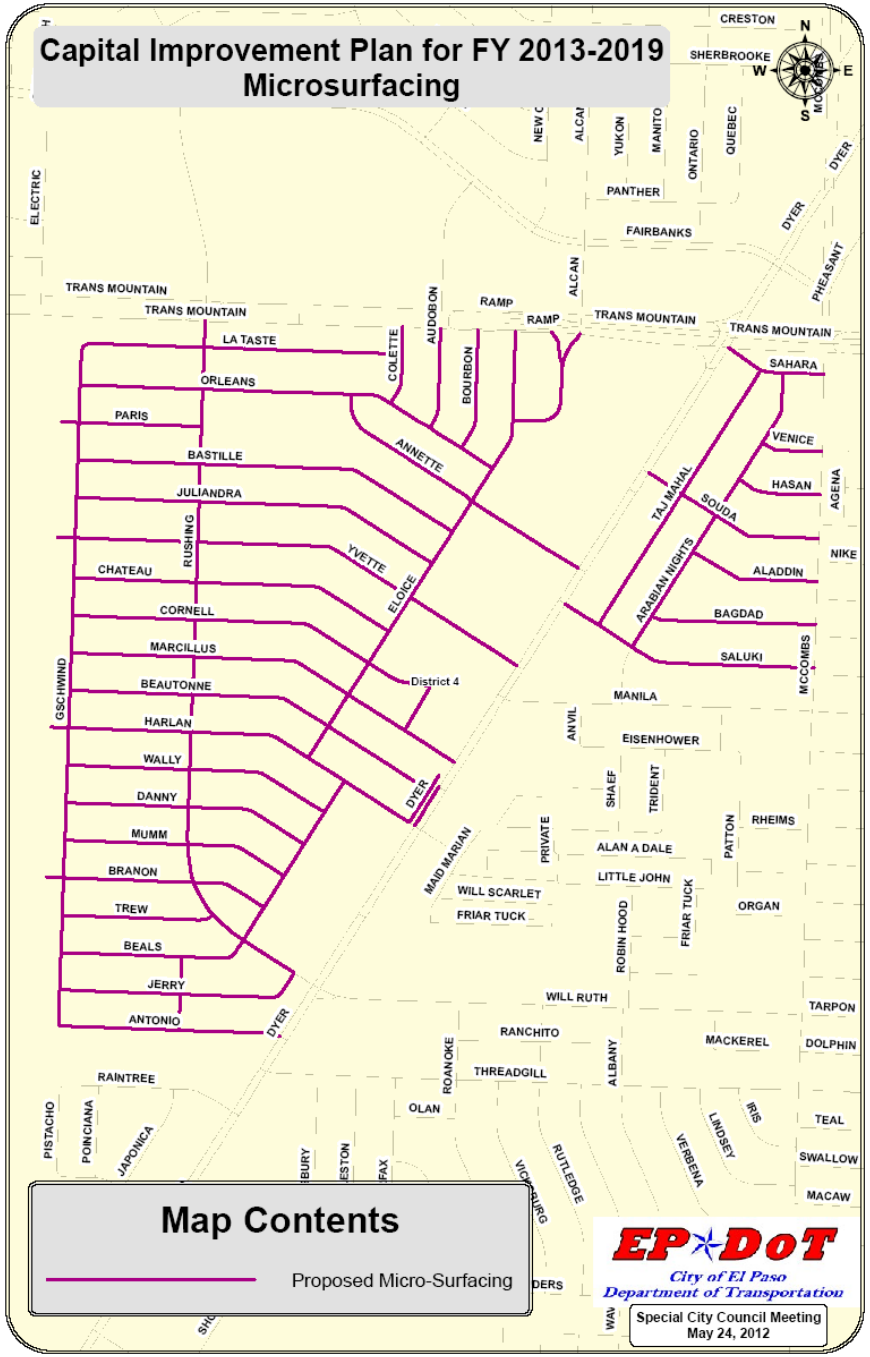
Capital Improvement Plan for FY 2013-2019
Microsurfacing



Map Contents

Proposed Micro-Surfacing

Capital Improvement Plan for FY 2013-2019
Microsurfacing



Map Contents

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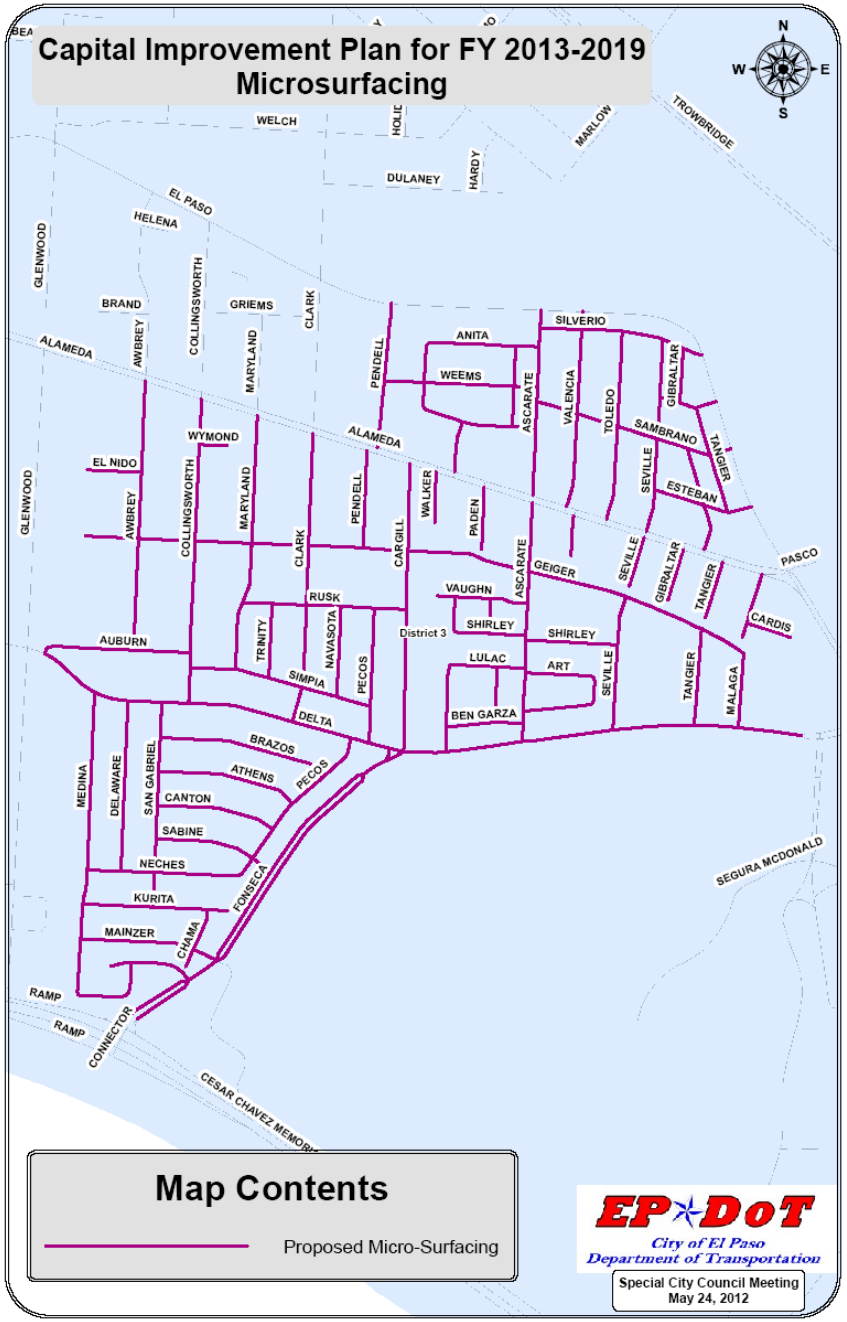

Map Contents

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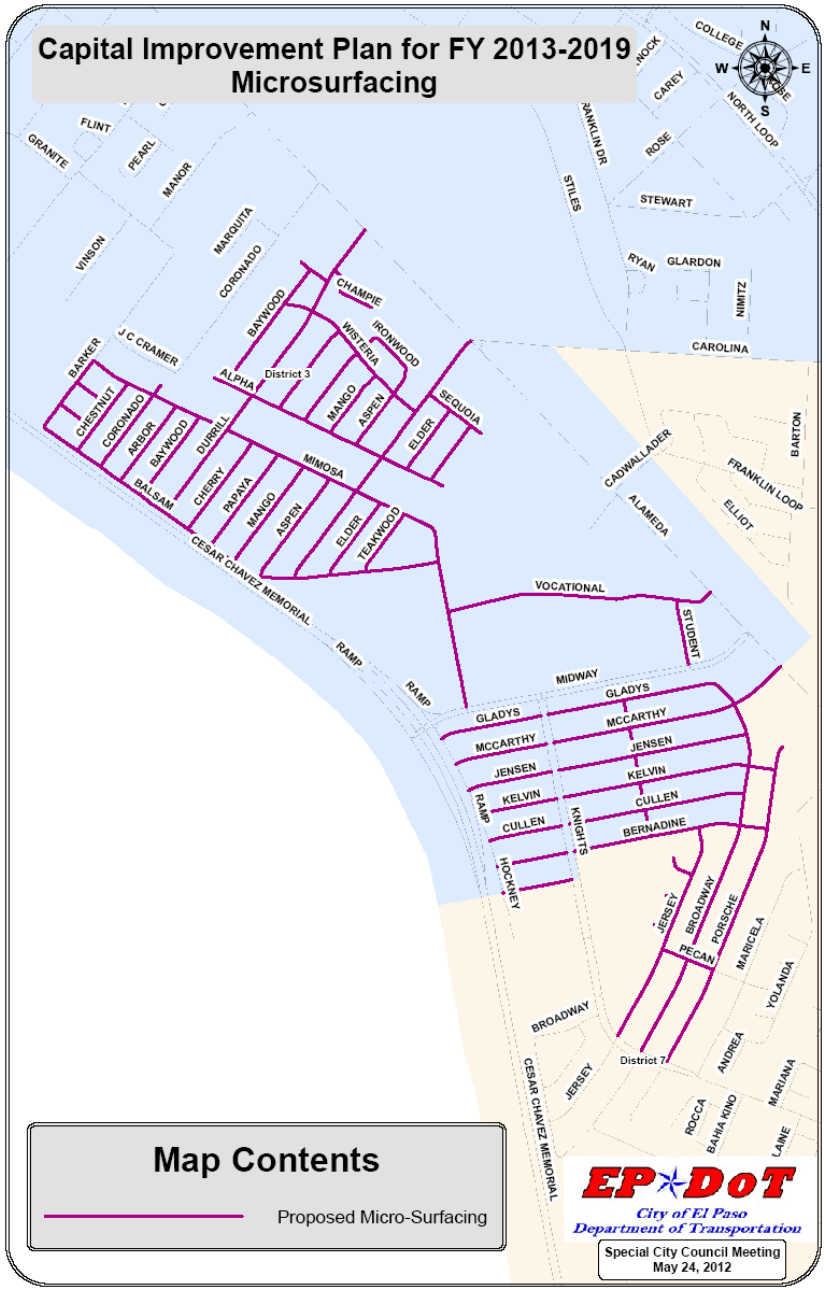
Capital Improvement Plan for FY 2013-2019
Microsurfacing
N
W
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S
COLLEGE
CAREY
NORTH LOOP
ROSE
STEWART
GLARDON
RYAN
NIMITZ
CAROLINA
STILES
FRANKLIN DR
FLINT
GRANITE
PEARL
MANOR
MARQUITA
CORONADO
VINSON
J C CRAMER
BARKER
CHESTNUT
CORONADO
ARBOR
BAYWOOD
DURRILL
BALSAM
CHERRY
PAPAYA
MANGO
ASPEN
ELDER
TEAKWOOD
MIMOSA
ALPHA
District 3
BAYWOOD
CHAMPIE
WISTERIA
IRONWOOD
MANGO
ASPEN
ELDER
SEQUOIA
CESAR CHAVEZ MEMORIAL
RAMP
RAMP
VOCATIONAL
STUDENT
MIDWAY
GLADYS
MCCARTHY
JENSEN
KELVIN
CULLEN
BERNADINE
GLADYS
MCCARTHY
JENSEN
KELVIN
CULLEN
RAMP
KNIGHTS
HOCKNEY
CADWALLADER
ALAMEDA
FRANKLIN LOOP
ELLIOT
BARTON
JERSEY
BROADWAY
PORSCHE
PECAN
MARICELA
YOLANDA
BROADWAY
District 7
ANDREA
MARIANA
JERSEY
CESAR CHAVEZ MEMORIAL
ROCCA
BARIA KINO
LAINE
Map Contents
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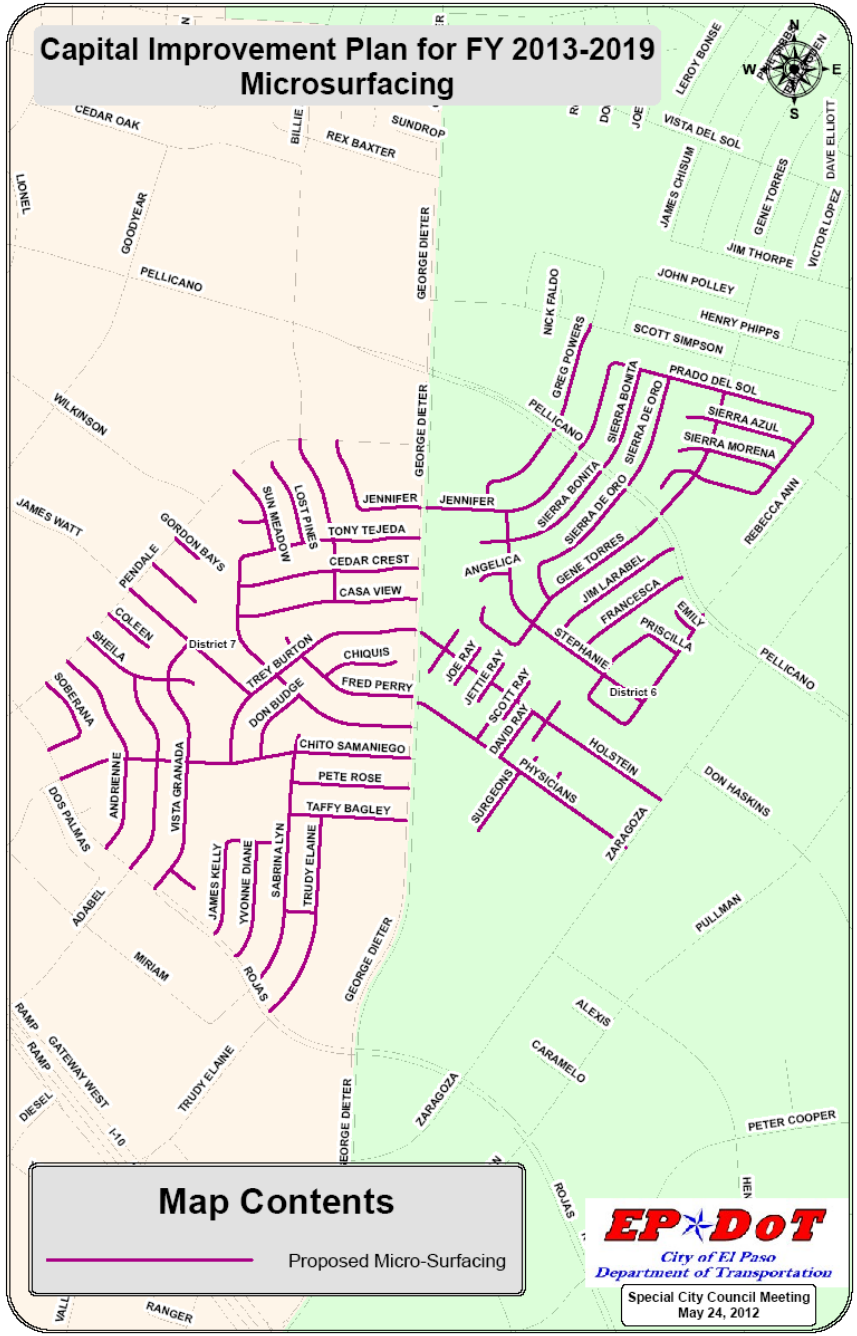
Microsurfacing



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Proposed Micro-Surfacing

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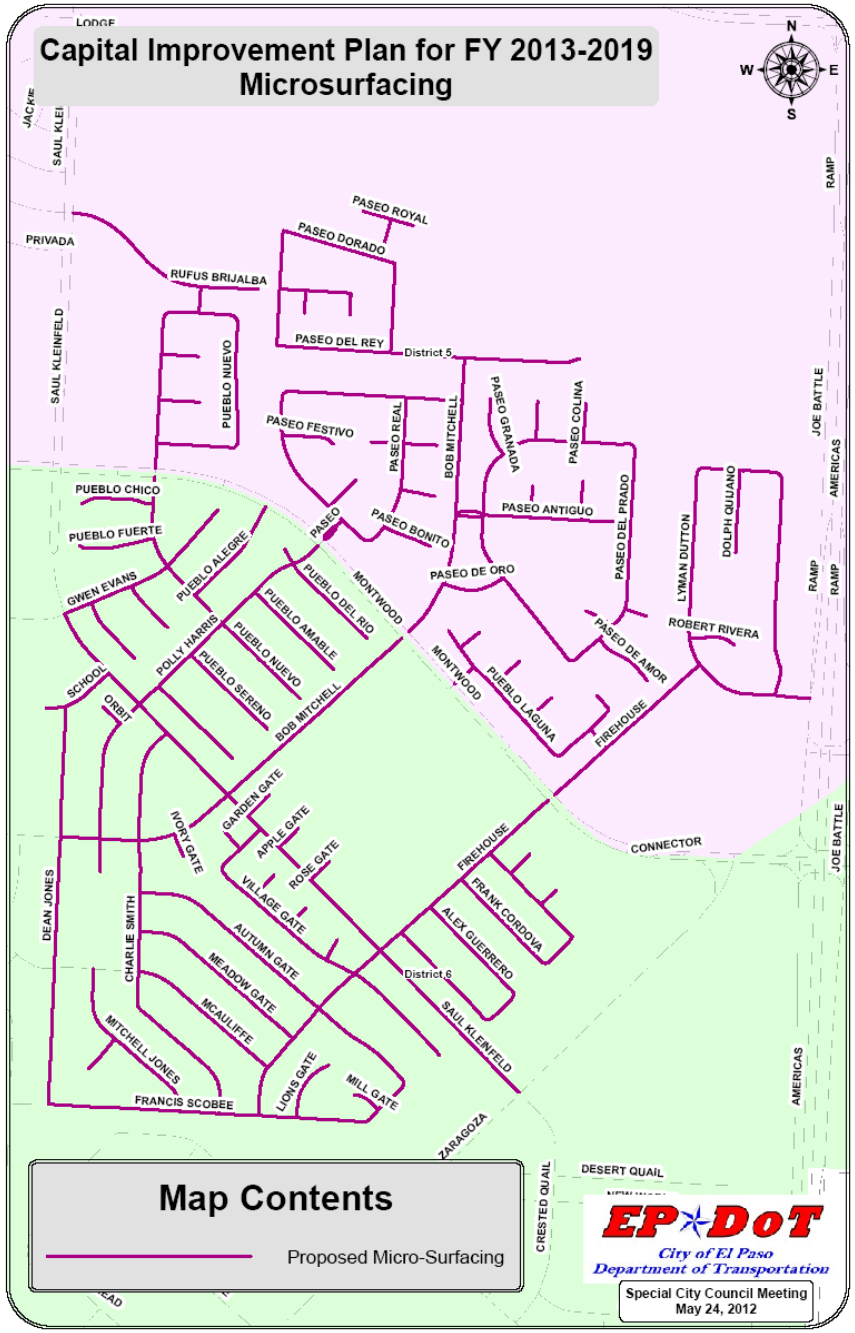
Capital Improvement Plan for FY 2013-2019
Microsurfacing

Capital Improvement Plan for FY 2013-2019
Microsurfacing



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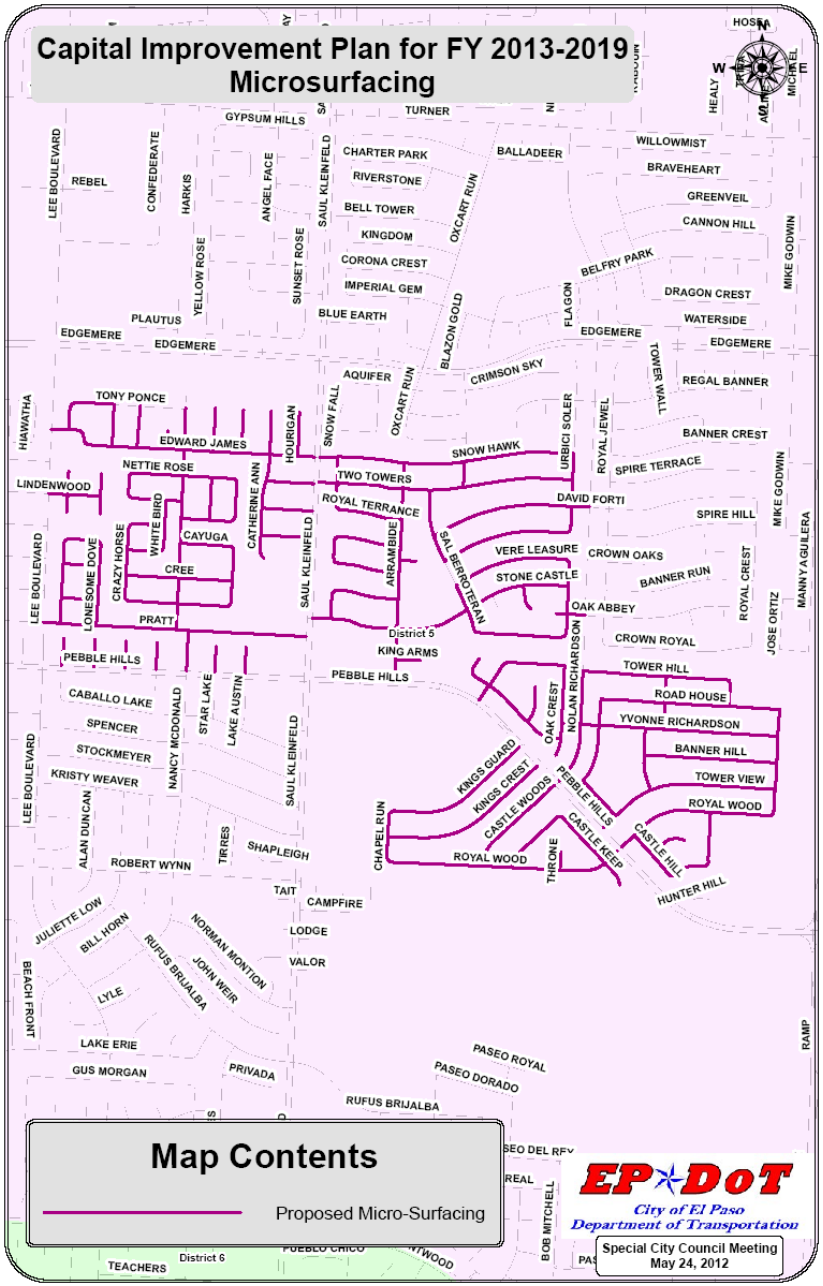
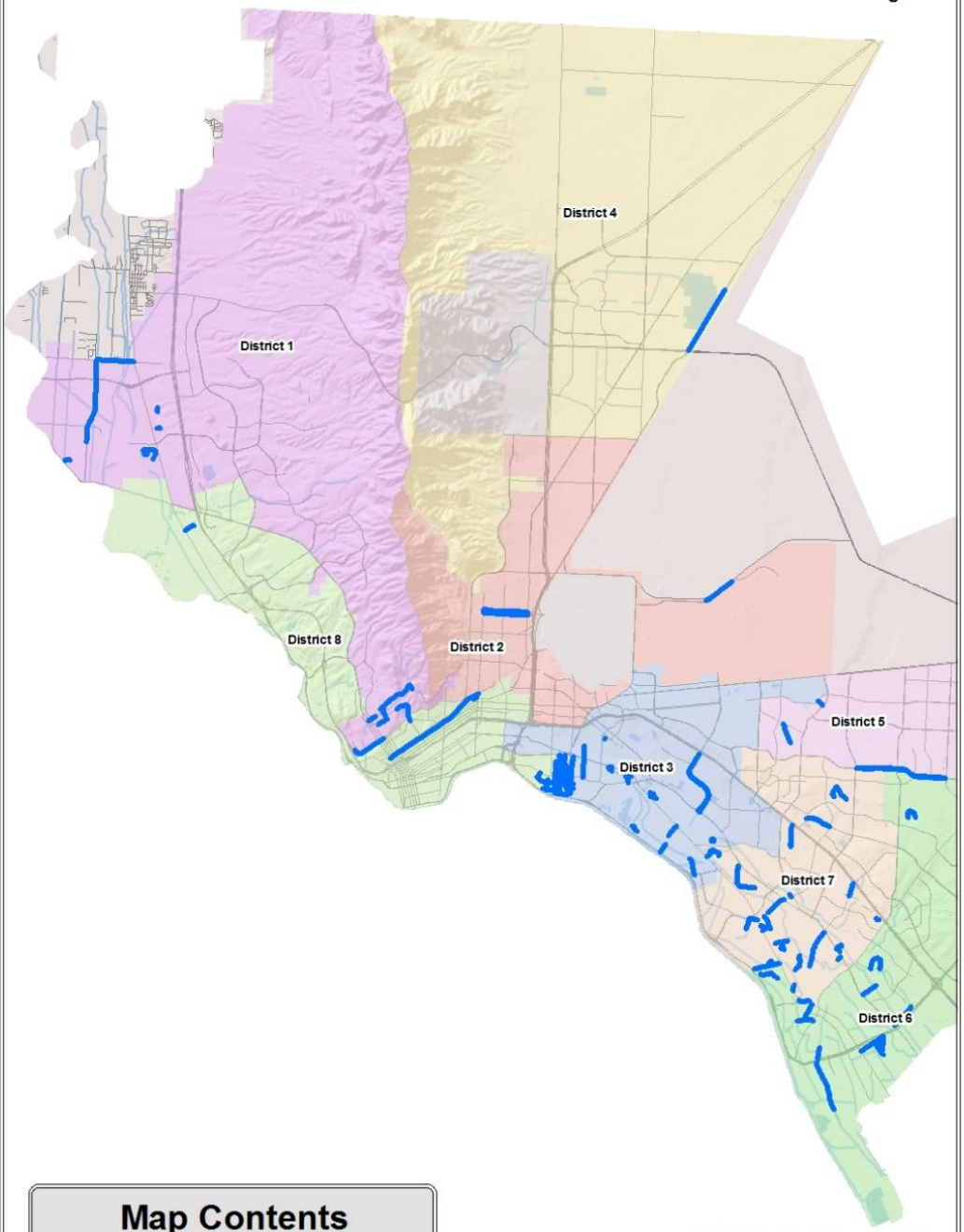
Microsurfacing



Street Reconstruction

- Critical improvements citywide requiring complete reconstruction
  - Roadway and parkway components
  - Water and wastewater elements
  - Landscaping, lighting & beautification
  - Bike Lanes as designated by Bike Atlas
- Selection criteria
  - Data derived from Pavement Condition Index (PCI)
  - Site visits to better define limits
- 90 proposed projects
- $136,000,000 accumulative project budget over seven year period
  - First year will focus on design work
  - Second year will begin to incorporate construction

Capital Improvement Plan for FY 2013-2019 Reconstruction



Map Contents

Proposed Street Reconstruction List

Major Streets

EP DoT

City of El Paso
Department of Transportation

Special City Council Meeting
May 24, 2012

Street Reconstruction Details

CITY OF EL PASO PROPOSED RECONSTRUCTION LIST

Special City Council Meeting May 24, 2012

	STREET NAME	DISTRICT	TO	FROM
1	ANNIE	1	Ethel	DE
2	BORDERLAND[2]	1	Upper Valley	Doniphan
3	BOSTON	1	Mesa	Campbell
4	BROWN	1	Rim	Schuster
5	ETHEL	1	Montoya	Edgar
6	LA MIRADA	1	Calle Olaso	Los Nietos
7	LEE SHANNON	1	600 Feet west of Susan Jean Ct center line	100 Feet west of Susan Jean Ct center line
8	ROBINSON	1	Virgina	Rim
9	UNIVERSITY	1	Kansas	Virginia
10	UPPER VALLEY	1	Borderland	Romer Ray
11	VIRGINIA	1	Robinson	Kerbey
12	VAN BUREN[1]	2	Dyer	Piedras
13	MONROE[1]	2	Piedras	Dyer
14	RIO GRANDE/GRANT[1]	2	Piedras	Oregon
15	WALTER JONES	2	6000 feet east of Spur and Founders	1200 feet east of Spur and Founders
16	ALICIA	3	Barcelona	Flower
17	BARKER	3	Balsam	Cramer
18	CARDIS	3	Malaga	DE
19	CORTEZ	3	Alameda	Flower
20	DE VARGAS	3	Paisano	Delta
21	DOLAN	3	Flower	DE
22	EDNA	3	Delta	Huerta
23	ELENA	3	Encino	Huerta
24	ENCINO	3	Cortez	Flower
25	FELIZ	3	Edna	Encino
26	FLOWER	3	Encino	DE
27	GLARDON CIRCLE	3	Green Valley Place	Green Valley place
28	GEIGER	3	Tangier	Malaga
29	GLENWOOD	3	El Paso	Delta
30	HANLEY	3	Tampa	DE
31	HAWKINS	3	Gateway East	North Loop

Street Reconstruction Details

CITY OF EL PASO PROPOSED RECONSTRUCTION LIST

Special City Council Meeting May 24, 2012

	STREET NAME	DISTRICT	TO	FROM
32	LISBON	3	Alameda	Elena
33	LITTLE FLOWER	3	Alameda	Stiles
34	MALAGA	3	Alameda	Delta
35	MANOR	3	Alameda	Barker
36	MARY JEANNE	3	Toni	Yvonne
37	MIMOSA	3	Teakwood	Midway
38	PADEN	3	Alameda	DE
39	RAMOS	3	Flicker	DE
40	TONI	3	Ben Swain	Mary Jeanne
41	YVONNE	3	Mary Jeanne	George Orr
42	RAILROAD 1	4	Farah	Purple Heart / Loop 375
43	KINROSS	5	Edgemere	Yarbrough
44	MONTWOOD	5	Lee Trevino	Saul Kleinfield
45	PEBBLE HILLS[2]	5	Tierra Mina	Zaragoza
46	TURNER[2]	5	Nolan Richardson	Joe Battle /Loop 375
47	ZANZIBAR	5	Album	Honolulu
48	BRIAN RAY	6	Jim Ferriel	Jim Ferriel
49	CINDY	6	Ivey	Farriel
50	FARRELL	6	Americas	Kathy
51	IVEY	6	Alameda/ RR ROW	Americas /Loop 375
52	KATHY	6	Ivey	Landgren
53	KERNEL	6	Betel	Betel
54	LE BARRON	6	North Loop	Morelia
55	LEE STARLING	6	Rodulfo	DE
56	PADILLA	6	Rose Kennedy	Zaragoza
57	PRADO	6	Villanova	Alameda
58	SCHUTZ	6	Alameda	Padilla
59	SNELSON	6	Padres	Old County
60	SOUTHSIDE	6	Corralitos	Americas /Loop 375
61	TED HOUGHTON	6	Rancho Trail	Double Jay
62	WINDERMERE 1	6	1500 feet west of Sunfire	Sunfire
63	WINDERMERE 2	6	Sunfire	Cherrington

Street Reconstruction Details

CITY OF EL PASO PROPOSED RECONSTRUCTION LIST

Special City Council Meeting May 24, 2012

	STREET NAME	DISTRICT	TO	FROM
64	CADWALLADER	7	Alameda	Franklin / RR ROW
65	CARPENTER	7	Josephine	Helms
66	CHINCHILLA	7	Roseway	Davis
67	CINECUE	7	Alameda	Starr
68	CRAIG	7	North Loop	DE
69	DAVIS	7	Chinchilla	Winchester
70	GARY PLAYER	7	Bruce Devlin	Don January
71	GILMORE	7	North Loop	DE
72	HOLLOWAY	7	Lomaland	DE
73	HUGHES	7	Roseway	Roseway
74	KEENEY	7	Alameda	Landon
75	LA SENDA	7	Milton	DE
76	LAFAYETTE	7	Gateway East	San Paulo
77	LANDON	7	Alameda	Keeney
78	LOMALAND	7	North Loop	San Jose
79	LUPELENES	7	Gilmore	Holmsley Trail
80	MCCUNE	7	Milton	San Jose
81	PADDLEFOOT	7	Prado	Prado
82	PELLICANO	7	Vista de Oro	Lomaland
83	PENDALE 1	7	Gateway East	Yermoland
84	PENDALE 2	7	North Loop	Roseway
85	PHILLIPY	7	Old County	Alameda
86	RANGER	7	Tower Trail	DE
87	SMITH	7	Wells	Roseway
88	CHICO	8	Cedar	DE
89	SCHUSTER	8	Sun Bowl	Stanton
90	TERAMAR	8	Doniphan	Osborne

[1] **One to two way street conversion**

[2] **Additional acquisition costs required**

Totals **$136,000,000**

Asphalt Versus Concrete

- Two general types of pavement designs considered
  - Rigid pavement sections or concrete generally used for roadways and other facilities with higher traffic (freeways) and heavier vehicles (commercial/industrial tractor trailers combinations)
  - Flexible pavement sections or asphalt generally used for roadways with lighter traffic loading within local city roadways and parking areas
- The use of either pavement section is suitable in El Paso Area

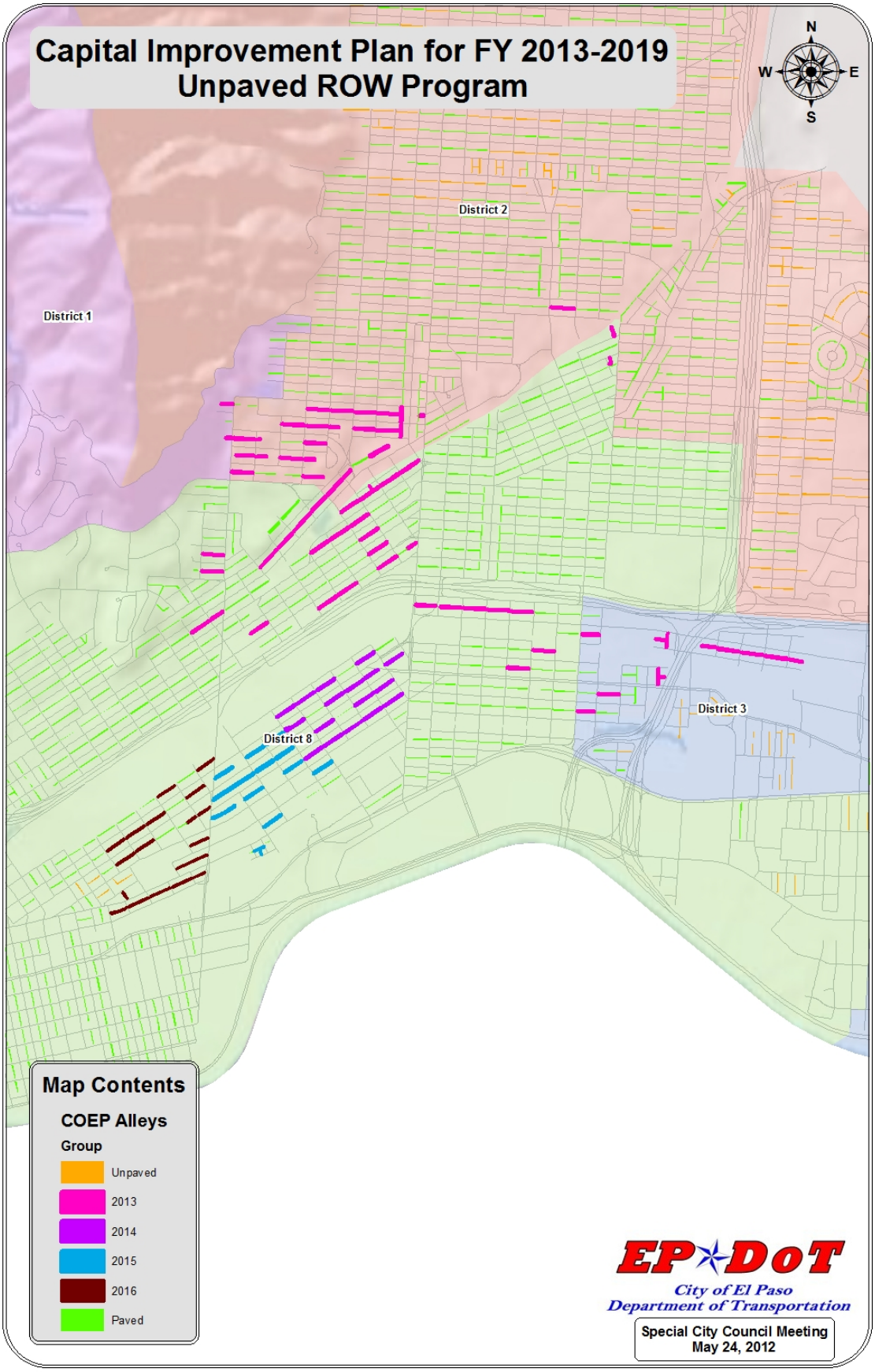
Selection Factors

- Selection of appropriate material typically based on:
  - Existing geotechnical or soil conditions / properties at project site
  - Roadway Type and Traffic loading
  - Consideration of initial cost

Concrete Pavement Recommendation

- Scenarios for concrete pavement recommendation in lieu of asphalt pavement design include:
  - Major / Minor Arterial Intersection with heavy volume and turning movements
  - Arterial Roadways which connect commercial/Industrial (Airport, Industrial Parks, Railroad facilities, Ports of Entry) zones to Primary heavy truck routes
  - Local/Residential Roadways with expansive soil/support issues
  - Government Facilities with large commercial/industrial fleets
- **Not recommended where there are more utility connection issues (residential)**

Capital Improvement Plan for FY 2013-2019
Unpaved ROW Program



Unpaved Right-of-Ways / Alleys

Unpaved ROW Proposed Program

Program Year	Alleys	SY	Estimated Construction Cost
1	79	57,689	$ 2,000,000
2	17	14,725	$ 500,000
3	13	13,381	$ 500,000
4	18	13,731	$ 500,000
Totals	127	99,526	$ 3,500,000

2013

Alley Inventory

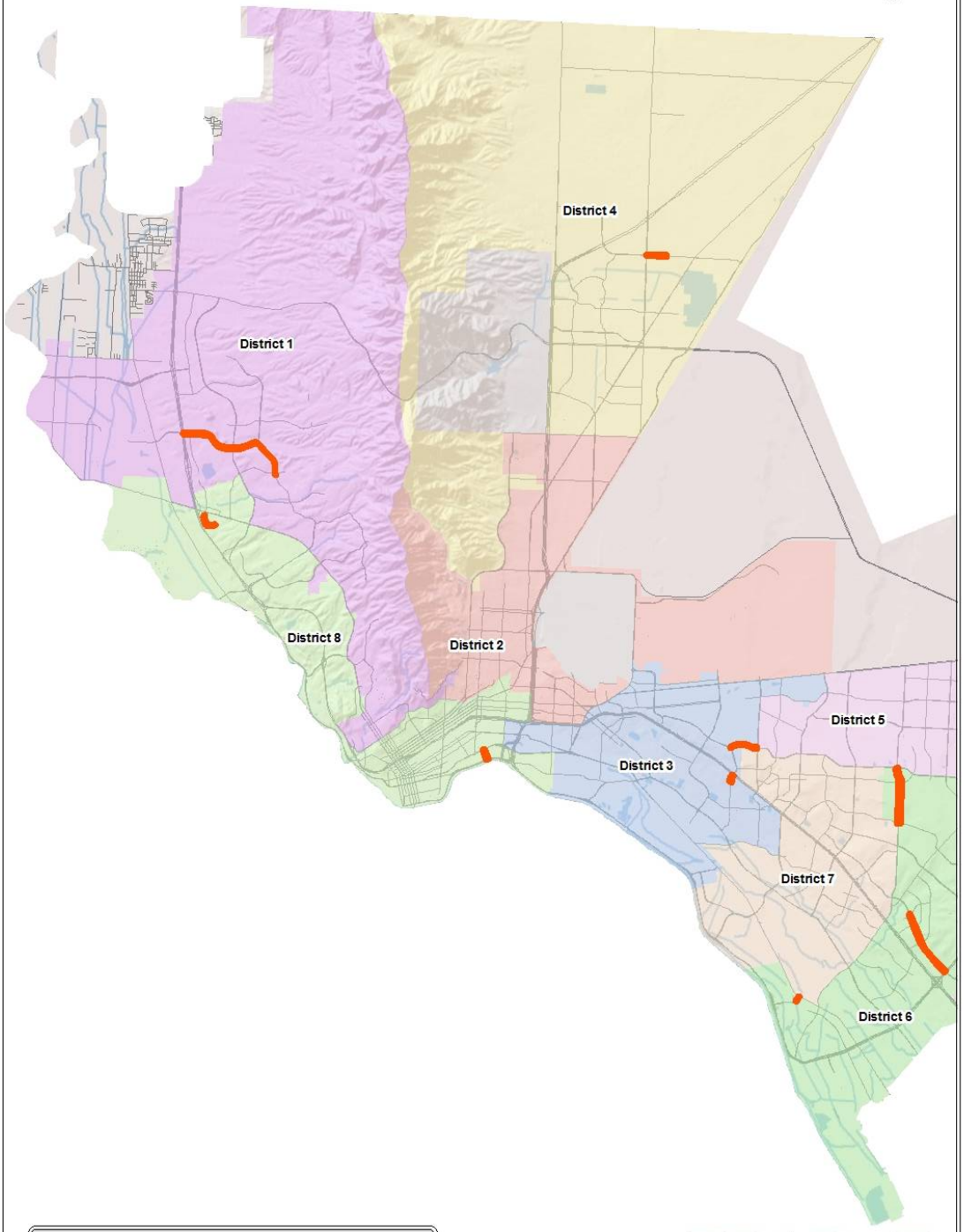
Year	Paved	Unpaved	Unpaved Percentage
2013	1,294	389	23%
2014	1,311	372	22%
2015	1,324	359	21%
2016	1,342	341	20%

2016

Paved Alleys

Unpaved Alleys

Capital Improvement Plan for FY 2013-2019
Street Median and Parkway Landscaping



Map Contents

- Street Median and Parkway Landscaping
- Major Streets

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Street Median & Parkway Landscaping

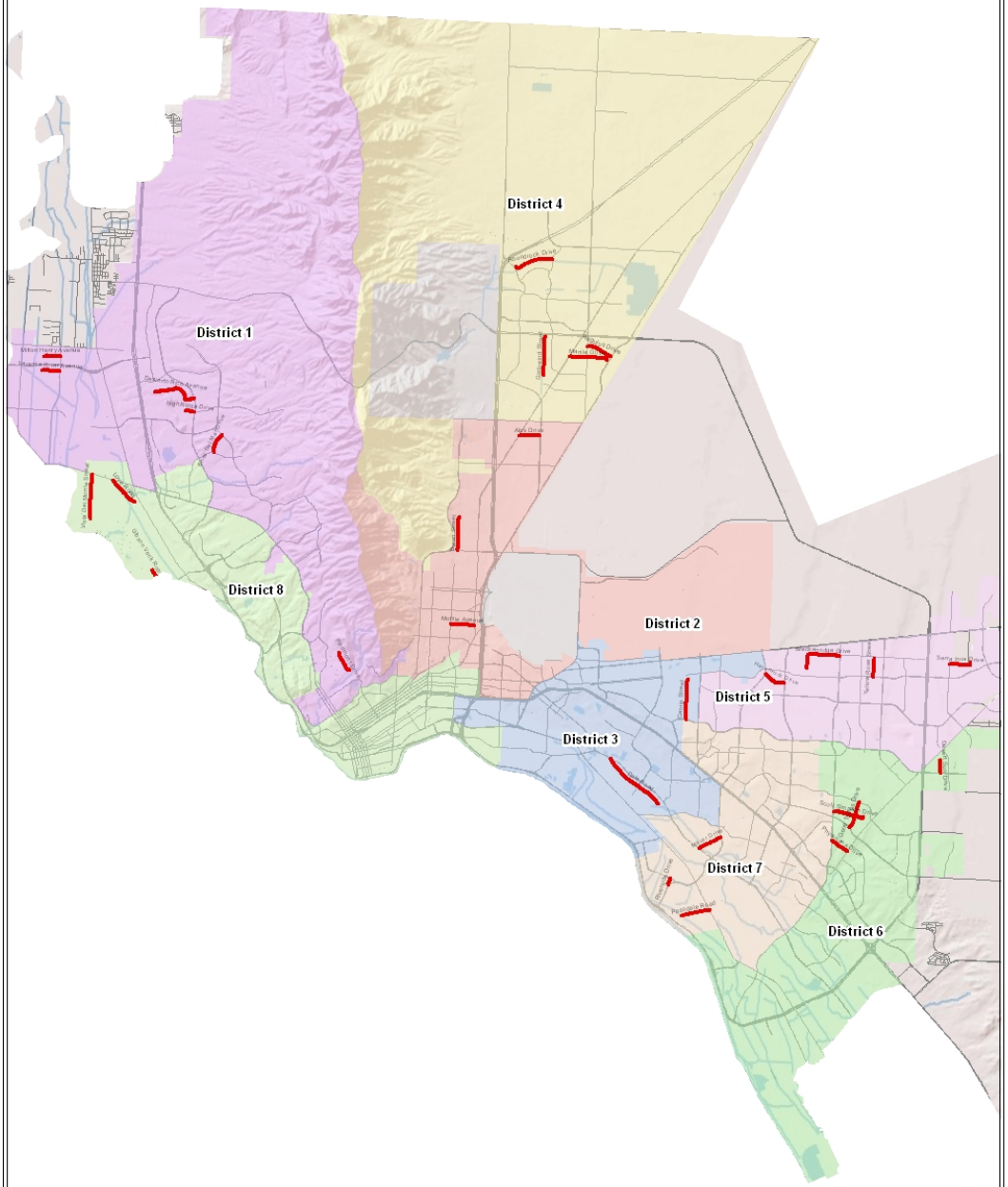
UNLANDSCAPED MEDIANS				
7 YEAR PLAN 2013 - 2019				
DISTRICT	TIER	STREET NAME	STREET FROM	STREET TO
5	1	GEORGE DIETER	MONTWOOD	VISTA DEL SOL
3	1	HUNTER	GATEWAY EAST	1808 HUNTER
3,7,5	1	MONTWOOD	VISCOUNT	MCRAE
1	1	REDD	NORTH DESERT	WESTWIND
8	1	REMCON	GEM	7550 REMCON
8	1	SAN MARCIAL	PAISANO	DELTA
6	2	ROJAS	JOE BATTLE	PETER COOPER
4	2	SEAN HAGGERTY	MCCOMBS	AARON
6	2	PADRES	ALAMEDA	121 PADRES
1	2	WESTWIND	REDD	6990 WESTWIND

Neighborhood Traffic Management Program (NTMP)

- **Program Purpose**
  - The purpose of the NTMP is to address speeding and short cutting through residential streets.
- **Objectives**
  - Improve unsafe conditions
  - Provide a program format that is responsive to all neighborhoods
  - Incorporate community preferences into design and operation of neighborhood streets

SERVICE SOLUTIONS SUCCESS

CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019
NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM



Map Contents
NTMP Ranked Streets

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Neighborhood Traffic Management Program

CITY OF EL PASO

NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM

DISTRICT	STREET	YEAR
1	Brisa Del Mar	2
1	Desierto Rico	2
1	High Ridge	1
1	Laramie River	1
1	Milton Henry	1
1	Piedmont	1
2	Alps	2
2	Byron	1
2	Mobile	2
3	Catnip	1
3	Dale Road	1
4	Gschwind	1
4	Manila	2
4	Regulus	3
4	Round Rock	2
5	Breckenridge	3
5	Havenrock	3
5	Henry Phipps	1
5	Tierra Inca	1
5	Yellow Rose	1
6	Desert Sun	1
6	Gene Torres	1
6	Physicians	1
6	Scott Simpson	1
7	Mauer	2
7	Pasodale	1
7	Riverside	1
8	Gibson Veck	1
8	Love	1
8	Vista Del Monte	1

Pedestrian Elements, Sidewalk & Parkway Improvements

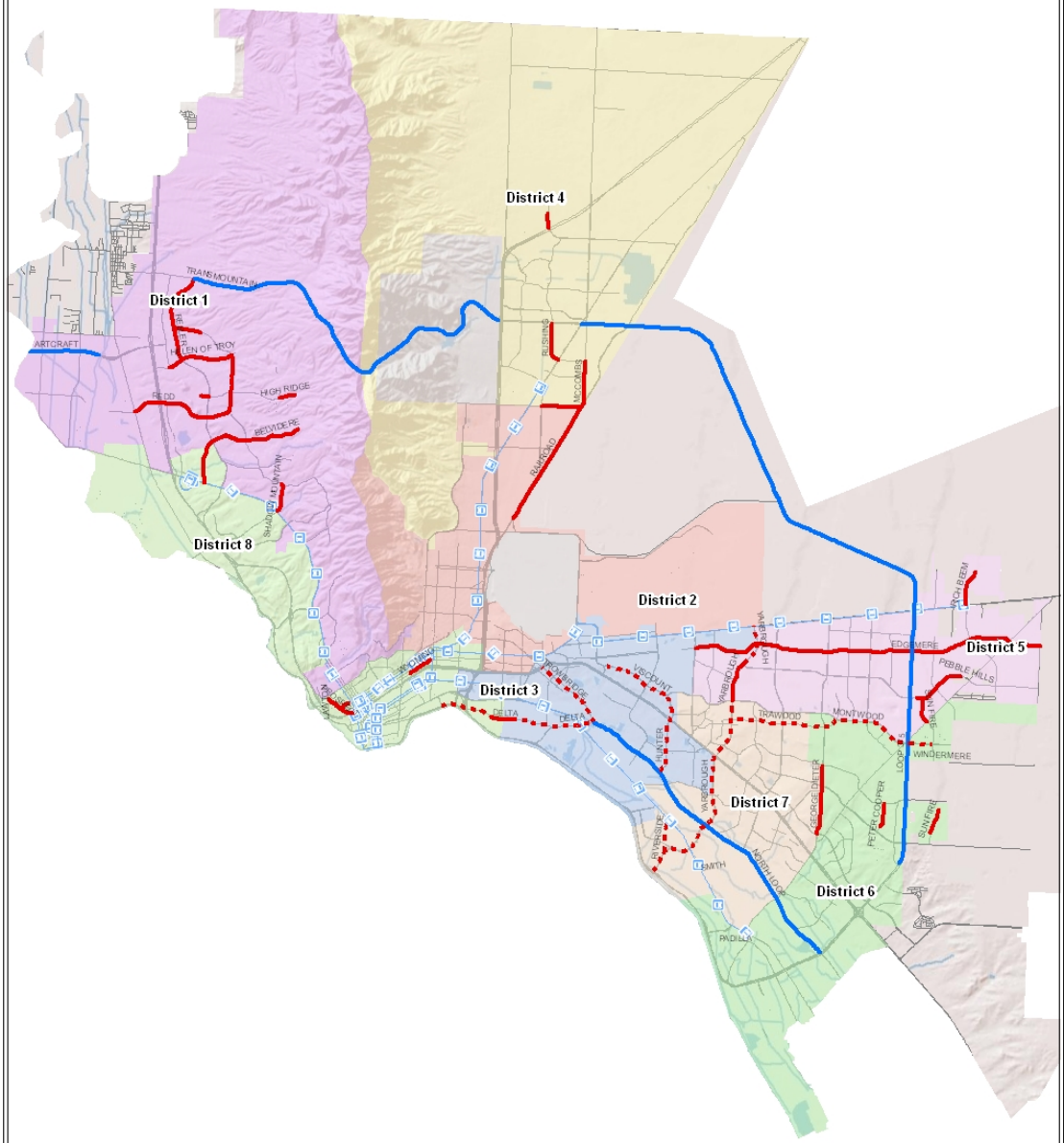
- The purpose of this program is to provide compliant pedestrian paths of travel/sidewalks for the public.

- Existing inventory identifies approximately 8,923 gaps (782 miles), 7,062 missing ADA ramps required to be improved.

- Sites are ranked for completion based on the factors such as their location near: RTS corridors, schools, hospitals, libraries and parks.

- Program dedicates $6 million over the next seven years towards providing compliant paths of travel for pedestrians throughout the city.

CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019
EXISTING BIKE FACILITIES



Map Contents

- RTS Routes
- Existing TXDOT Bike Facilities_37 miles
- Existing City Bike Facilites_36.23 miles
- City/MPO Bike Lanes Programmed for Construction_21 miles

TOTAL MILES: 94.23

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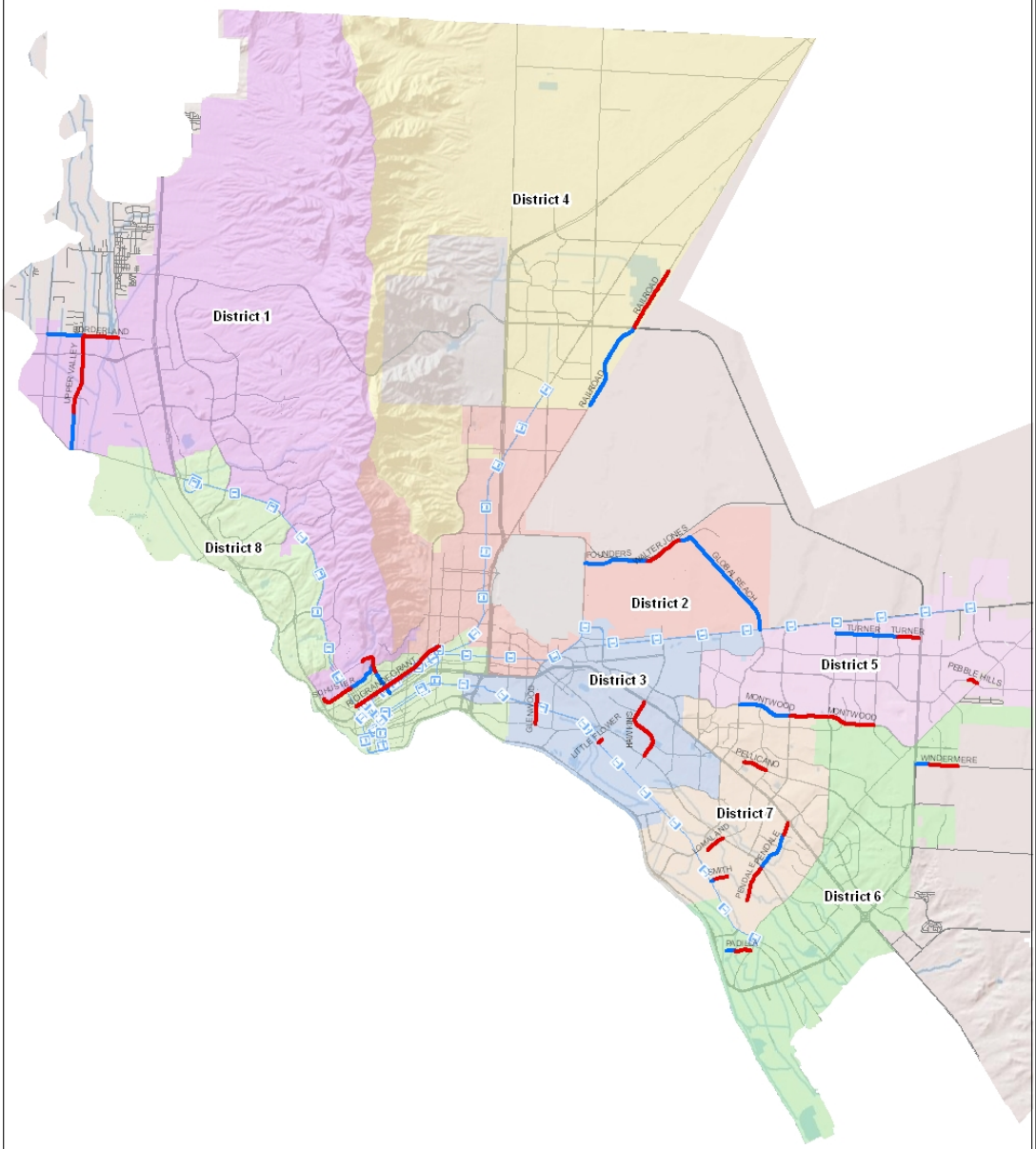
CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019
RECONSTRUCTION CANDIDATES
WITH BIKE LANES AND EXTENSIONS



Map Contents

- RTS Routes
- Reconstruction Candidates with Bike Lanes_17.66 miles
- Bike Lane Extensions from Reconstruction Candidates_14.42 miles

TOTAL MILES: 32.08

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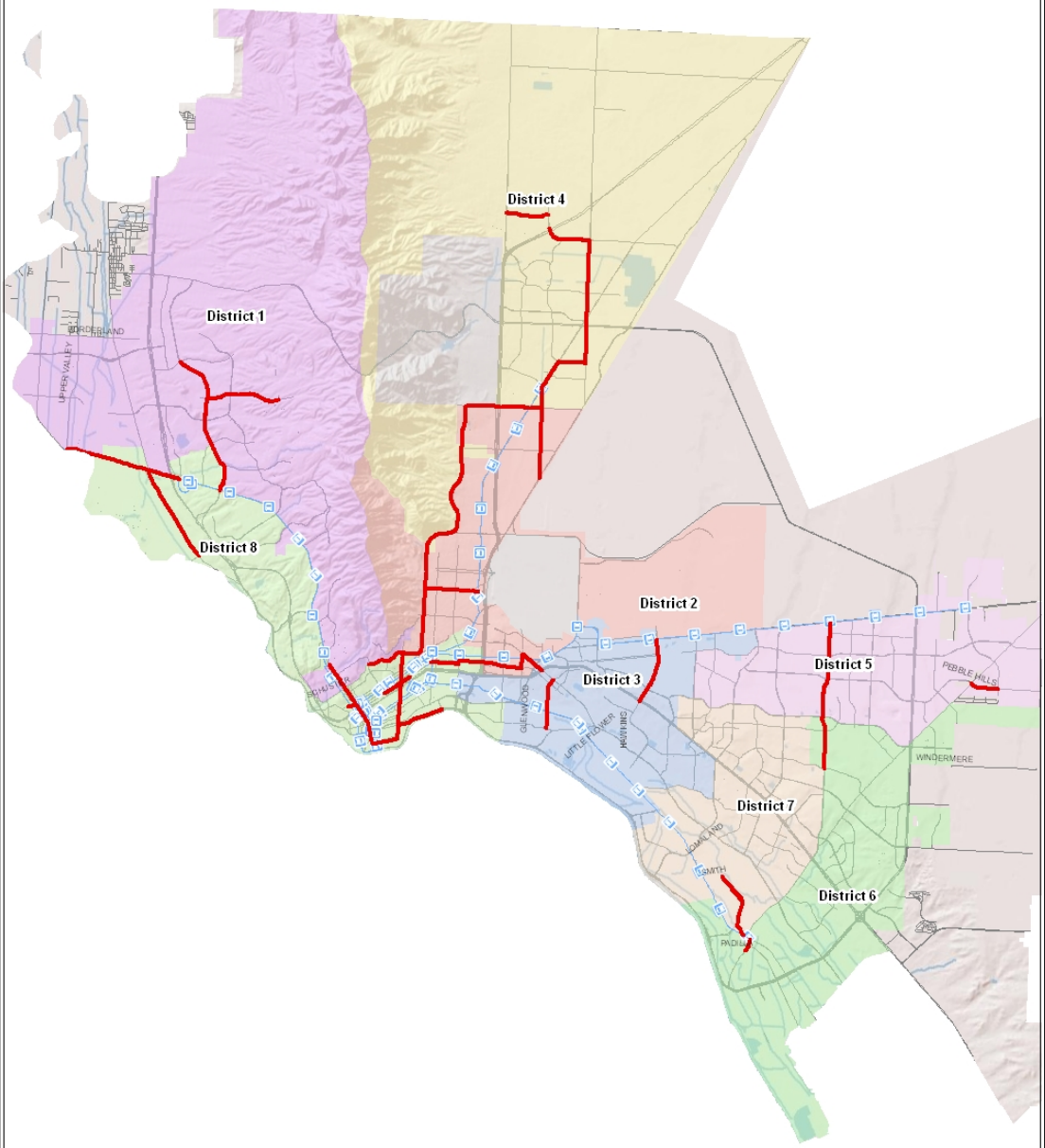
CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019

RECONSTRUCTION STREETS ON BIKE ATLAS

DISTRICT	STREET NAME	TO	FROM	LENGTH	BIKE LANE EXTENSION	FROM	TO	EXTENSION LENGTH	TOTAL LANE LENGTH
1	BORDERLAND	Upper Valley	Doniphan	0.82	Yes	Upper Valley	Westside	0.87	1.69
1	BROWN	Rim	Schuster	0.65	Yes	Schuster	Wyoming	0.61	1.26
3	GLENWOOD	El Paso	Delta	0.71	No			0	0.71
3	HAWKINS	Gateway East	North Loop	1.58	No			0	1.58
3	LITTLE FLOWER	Alameda	Stiles	0.11	No			0	0.11
7	LOMALAND	North Loop	San Jose	0.47	No			0	0.47
5, 6, 7	MONTWOOD	Lee Trevino	Saul Kleinfield	2.02	Yes	Lee Trevino	Yarbrough	1.28	3.30
6	PADILLA	Rose Kennedy	Zaragoza	0.38	Yes	Rose Kennedy	Mecca	0.2	0.58
5	PEBBLE HILLS	Tierra Mina	Zaragoza	0.24	No			0	0.24
7	PELLICANO	Vista de Oro	Lomaland	0.56	No			0	0.56
7	PENDALE 1	Gateway East	Yermoland	0.30	Yes	Yermoland	North Loop (Connect to Pendale 2)	0.98	1.28
7	PENDALE 2	North Loop	Roseway	0.84	No			0	0.84
4	RAILROAD 1	Farah	Purple Heart / Loop 375	1.56	Yes	Purple Heart/Loop 375	McCombs	2.24	3.80
2	RIO RANDE/ GRANT	Piedras	Oregon	2.42	No			0	2.42
1, 8	SCHUSTER	Sun Bowl	Stanton	0.77	Yes	Stanton	Brown	0.82	1.59
7	SMITH	Wells	Roseway	0.30	Yes	Davenport @ Roseway	Davenport @ Alameda	0.13	0.43
5	TURNER	Nolan Richardson	Joe Battle /Loop 375	0.50	Yes	Nolan Richardson	George Dieter	1.45	1.95
1	UPPER VALLEY	Borderland	Romer Ray	1.83	Yes	Romer Ray	Country Club	0.88	2.71
2	WALTER JONES	6000 feet east of Spur and Founders	1200 feet east of Spur and Founders	0.92	Yes	Founders (Airport to 1200 ft east of Spur and Founders)	6000 feet east of Spur and Founders to Global Reach/ All of Global Reach	4.66	5.58
6	WINDERMERE	Sunfire	Cherrington	0.39	No			0	0.39
6	WINDERMERE	1500 feet west of Sunfire	Sunfire	0.29	Yes	Loop 375	1500 ft west of Sunfire	0.3	0.59
			TOTALS:	17.66				14.42	32.08

CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019
PROPOSED BIKE LANES
(ALTERNATE FUNDING)



Map Contents
- RTS Routes
- Proposed Bike Lanes_49.33 miles

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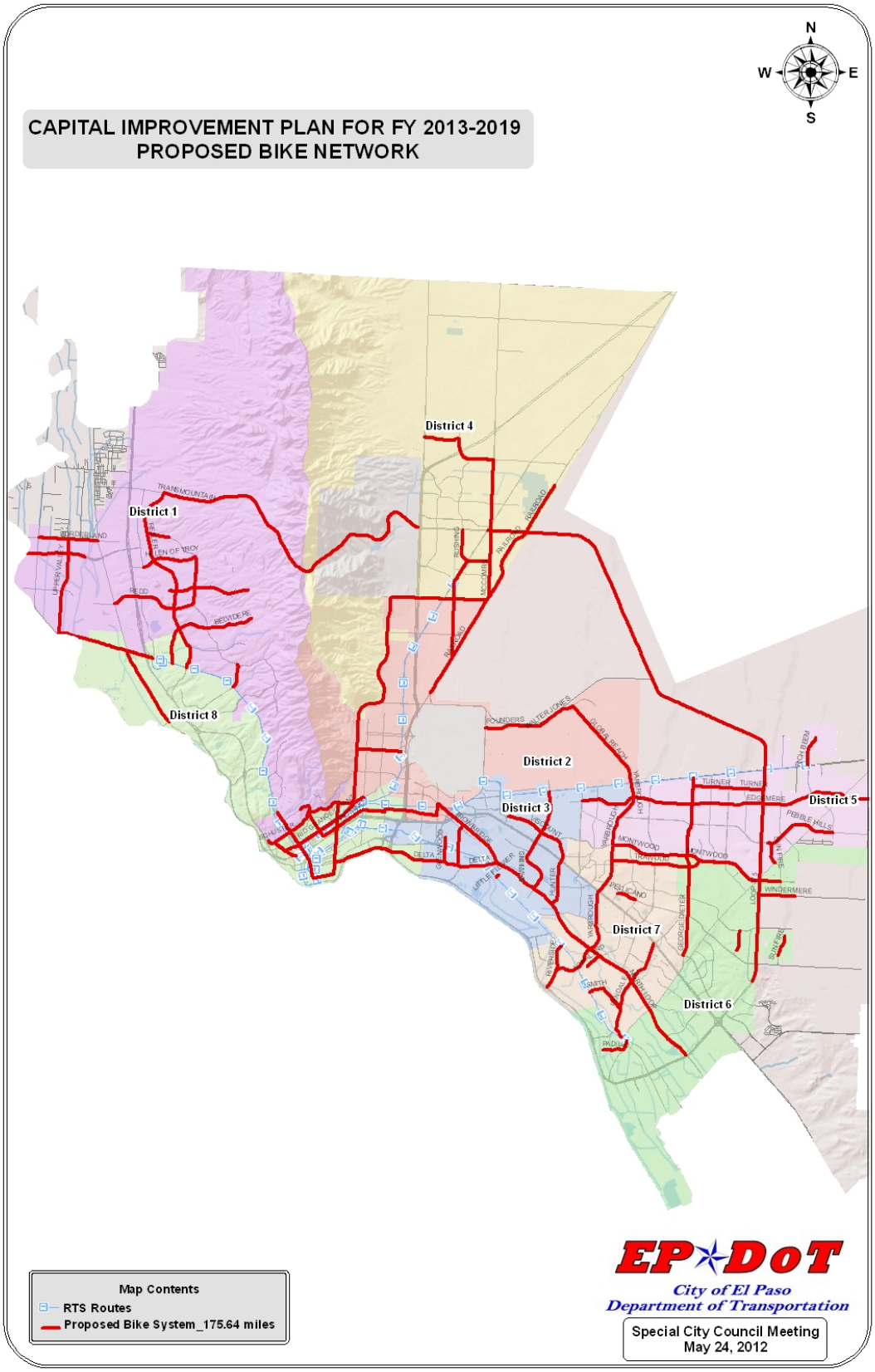
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CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019
PROPOSED BIKE NETWORK
District 1
District 2
District 3
District 4
District 5
District 6
District 7
District 8
Map Contents
RTS Routes
Proposed Bike System_175.64 miles
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CAPITAL IMPROVEMENT PLAN FOR FY 2013-2019

PROPOSED BIKE LANES (ALTERNATE FUNDING)

DISTRICT	STREET NAME	FROM STREET	TO STREET	LENGTH
1	HIGH RIDGE	Resler	Franklin Hills	1.74
1	RESLER	Helen of Troy	Mesa	3.64
1,2,8	ARIZONA	Murchison	Alabama	0.14
1,8	MURCHISON	Brown	Arizona	1.28
1,8	COUNTRY CLUB	Upper Valley	Doniphan	1.98
2	FORT	Alabama	Dyer	1.25
2,4	ALABAMA/MAGNETIC	Arizona	Hondo Pass	6.39
2,4	HONDO PASS	Magnetic	Dyer	1.76
3	CHELSEA	Yandell	Trowbridge	0.33
3	CLARK	Trowbridge	Delta	1.21
3	HAWKINS	Montana	I-10	1.61
3	TROWBRIDGE	Chelsea	I-10	0.62
4	DIANA	Dyer	Railroad	2.15
4	DYER	Diana	Will Ruth	0.75
4	MARCUS URIBE	Marting Luther King, Jr.	Sean Haggerty	1.05
4	MCCOMBS	Sean Haggerty	Will Ruth	2.91
4	SEAN HAGGERTY	U.S. 54	McCombs	1.09
4	WILL RUTH	Rushing	McCombs	0.64
5	PEBBLE HILLS	Zaragoza	Rich Beem	0.66
6	OLD COUNTY	Pendale	Alameda	0.26
6	PENDALE	Roseway	Old County	0.61
6	ROSEWAY	New Haven	Pendale	0.42
6	WELLS	Smith	Pendale	0.73
6	ZARAGOZA	Alameda	Padilla	0.32
5,6,7	GEORGE DIETER	Montana	Vista Del Sol	3.53
8	COPIA	Wyoming	Yandell	0.07
8	COTTON	Murchison	Seventh	2.04
8	DELTA	San Marcial	Cotton	1.12
8	DONIPHAN	Country Club	Sunland Park	2.35
8	MESA	Doniphan	Remcon Circle	0.77
8	RIO GRANDE	El Paso	Oregon	0.06
8	RIO GRANDE	Oregon	Stanton	0.12
8	SEVENTH	Stanton	Cotton	0.61
8	STANTON	Baltimore	Seventh	2.19
8	WYOMING	Brown	Willow	0.71
8	WYOMING 2	Birch	Copia	0.72
8	YANDELL	Copia	Chelsea	1.50
			TOTAL MILES:	49.33

Proposed Red Light Camera Improvements

Purpose: *Identify and program additional key street Improvements eligible for funding*

Term: 7 years, FY2013-FY2019

Value: $9.75 million

Funding Source:
Red Light Camera Program

Red Light Camera Funding for FY 2013-FY2019

PROJECT	TOTAL BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY2017	FY 2018	FY 2019
Bike Lanes & Extensions	$3 M	$250 K	$250 K	$500 K	$500 K	$500 K	$500 K	$500 K
Striping & Markings*	$3.5 M	$500 K	$500 K	$500 K	$500 K	$500 K	$500 K	$500 K
Traffic Signals/ Roundabout/ Flashers	$3.25 M	$250 K	$500 K	$500 K	$500 K	$500 K	$500 K	$500 K

*In FY13 Proposed Budget

Policy Action Requested

- Approval of proposed capital funding plan for:
  - Street Infrastructure
  - Red Light Cameras

Comments / Questions