

CITY OF EL PASO, TEXAS
DEPARTMENT HEAD'S SUMMARY REQUEST FOR COUNCIL ACTION (RCA)

DEPARTMENT: Engineering
AGENDA DATE: December 2, 2008
CONTACT PERSON/PHONE: R. Alan Shubert, City Engineer (X4423)

DISTRICT(S) AFFECTED: All

SUBJECT:

Discussion and Action on Capital Improvement Program including:

- a) 2009 Debt Issuance
- b) Storm 2006 Project Update
- c) Sun Metro Capital Projects Update

BACKGROUND / DISCUSSION:

A presentation on the 2009 Debt issuance, the 2006 Storm projects and the Sun Metro Capital projects will be provided to Council to update them on these specific capital programs. The update will provide the background for Council to consider the 2009 Debt Issuance for Critical Priorities as considered at the November 5, 2008 Strategic Planning Special Council meeting.

PRIOR COUNCIL ACTION:

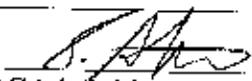
Council has considered the 2009 critical priorities projects at their November 5, 2008 strategic planning special council meeting and has received periodic updates on Storm 2006 and Sun Metro Capital projects.

AMOUNT AND SOURCE OF FUNDING:

BOARD / COMMISSION ACTION:

***** REQUIRED AUTHORIZATION *****

LEGAL: (if required) _____ **FINANCE:** (if required) _____

DEPARTMENT HEAD: 
(Example: if RCA is initiated by Engineering, client department should sign also)

Information copy to appropriate Deputy City Manager

APPROVED FOR AGENDA:

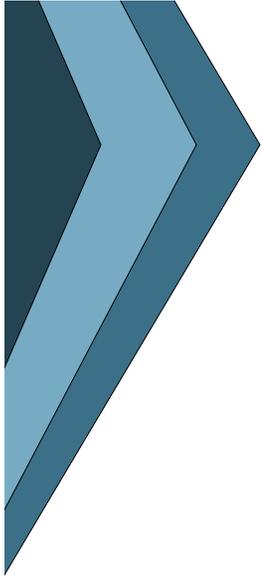
CITY MANAGER: _____ **DATE:** _____



Capital Improvement Program *Update*



City Council Meeting
December 2, 2008



Approved 2009 Debt Issuance

Addresses the following critical priorities:

- 1. Completion of Storm 2006 Capital Project**
 - 2 pending projects
- 2. Funding of identified transit initiatives**
 - Sun Metro Capital Projects
 - Supports ongoing City Council Strategic Plan
- 3. Funding commitments**
 - Local match for TXDOT projects
 - Comprehensive Mobility Plan
 - 2% Public Art
- 4. Equipment needs**
 - Sun Metro
 - Fleet Services

| Program | Project | Comment | Funding Need |
|--------------------------------|-------------------------------|---|---------------------|
| PROPOSED LONG TERM DEBT | | | |
| Sun Metro* | Downtown Transfer Site | Local Match & Project Shortfall | \$508,619 |
| | Glory Road TT | Local Match & Project Shortfall | \$9,184,661 |
| | Mission Valley TT | Local Match & Project Shortfall | \$603,802 |
| | Westside TT | Local Match & Project Shortfall | \$1,428,929 |
| | Oregon - Smart 101 | Local Match & Project Shortfall | \$101,209 |
| | Northgate TT | Local Match & Project Shortfall | \$5,781,736 |
| | Administrative Building & LNG | Design Only | \$2,000,000 |
| | ADA Curbcuts & Shelters | Total \$6,000,000; \$2,000,000 each year of 3-year period | \$2,000,000 |
| Transit Sub-Total | | | \$21,608,956 |

| Program | Project | Comment | Funding Need |
|--|---|---|---------------------|
| OTHER NEEDS | | | |
| COB Shortfall | Storm 2006 Priority II Projects | Project Shortfalls | \$12,612,805 |
| Transportation CIP | COEP Funding for Planning & Design | Montana BRT (Shortfall), \$1,216,000***; Dyer BRT, \$1,340,000*** | \$2,556,000 |
| TxDOT | Funding commitments for Local Match, Planning, & Design per projected TxDOT letting schedule | Airway - \$907,500 Local Match & Design; Hawkins \$1,028,500 Local Match & Design; BRT Alameda, Local Match, Planning & Design, \$3,484,000**/**; Other Projects Local Match \$2,000,000 | \$7,420,000 |
| Comprehensive Mobility Plan | TxDOT Roadway Projects, Match & ROW Acquisition Costs; City Transit Total Project Costs | Loop 375 (Transmountain), ROW acquisition, \$50,000; Loop 375 (Joe Battle), ROW acquisition, \$100,000; Spur 276, ROW acquisition, \$880,000; BRT Mesa, Match \$1,000,000***; BRT Montana, Match \$400,000 | \$2,430,000 |

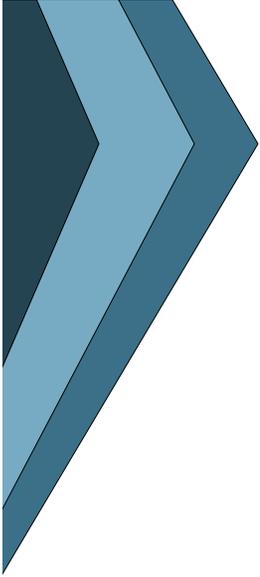
| Program | Project | Comment | Funding Need |
|------------------------|----------------------|--------------------------------|---------------------|
| 2% Public Art | All Capital Projects | Per Municipal Code requirement | \$500,376 |
| CIP Sub-Total | | | \$25,519,181 |
| All Needs Total | | | \$47,128,137 |

** Sun Metro Projects include 2% Public Art calculations*

*** 80% of funding amount (\$2,787,200) is TXDOT reimbursable upon phase completion*

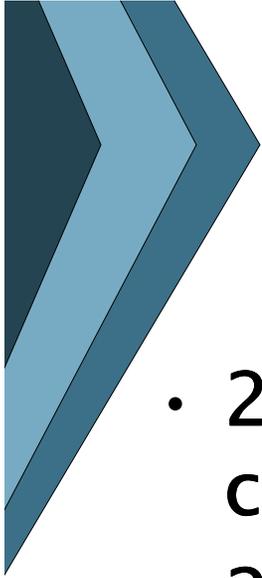
**** Funding pays for: Alternative Analysis, NEPA Review/ Environmental, Preliminary Engineering, Construction Cost Estimate*

| Program | Project | Comment | Funding Need |
|--|-------------------|--------------|----------------------|
| PROPOSED MASTER EQUIPMENT NOTES | | | |
| Sun Metro | Bus Acquisition | 40 New Buses | \$16,000,000 |
| General Fund | Fleet Replacement | TBD | \$10,000,000 |
| Acquisitions Sub-Total | | | \$26,000,000 |
| Grand Total | | | \$ 73,128,137 |



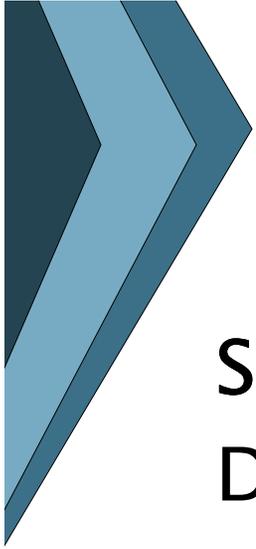
CIP Highlights

- Existing projects
 - Storm 2006 Capital Project
- Identified priorities
 - Sun Metro Capital Projects



Storm 2006 Capital Project

- 21 projects complete or substantially complete
- 2 projects under construction
- 6 projects under Stormwater Utility Management
- 1 project to begin design
 - NE Channel #2
- 2 projects pending funding
 - Dallas Outfall
 - Government Hills Outfall/ Durazno Neighborhood

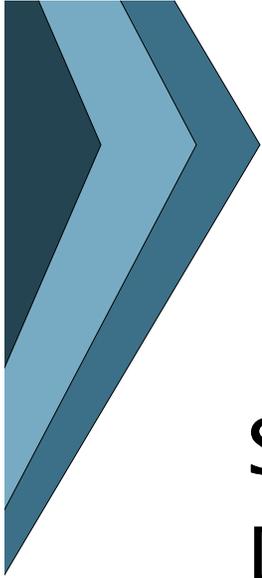


Dallas Street Outfall Improvements

Scope:

Deepen existing ponds (TXDOT), construct drawdown pump at existing ponds, remove and replace existing siphons and damaged culverts, construct pump station at river

Total Estimate: \$ 8,507,051.92

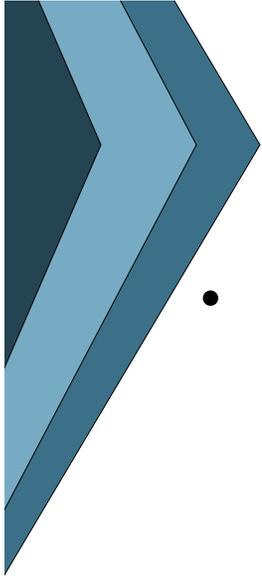


Govt. Hills Outfall/ Durazno Neighborhood

Scope:

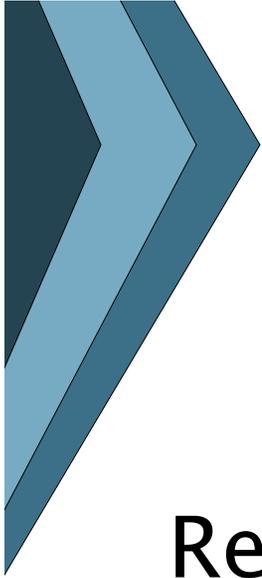
Demolition of existing infrastructure,
construction of new pond, drainage
improvements, park improvements

Total Estimate: \$9,249,755.56



Sun Metro Capital Projects

- 2 projects in construction phase
 - Downtown Terminal
 - Westside Terminal
- 2 projects in Final Design
 - Mission Valley Terminal
 - Glory Road Terminal
- 1 project pending property acquisition
 - Northgate Terminal
- 1 project in development
 - Administration Facility



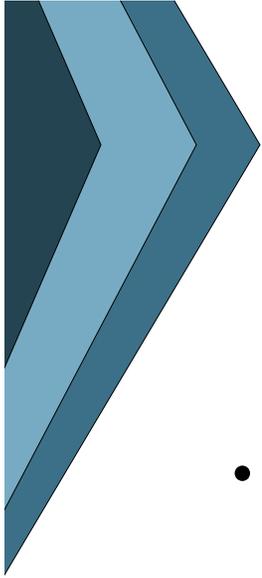
Requested Council Action

Resolution establishing the 2009 Capital Improvement Program projects and authorizing the City Manager to establish funding sources and budgets for projects.



Requested Council Approvals

- **Storm 2006 Capital Project**
 - NE Channel No. 2 , Design Contract
 - Govt. Hills Outfall, Design Contract
 - *Design Contract for Dallas Outfall forthcoming*
- **Sun Metro Capital Projects**
 - Transit Planning Services Alternatives Analysis, Engineering Study Contract
 - Oregon St Rehabilitation Project, Design Contract
- **CIP/CMP**
 - Airway Blvd, Local Advanced Project Funding Agreement (LAPFA)
 - *Hawkins Blvd, LAPFA forthcoming*



NE Channel No. 2

Design Contract

Moreno Cardenas Inc.

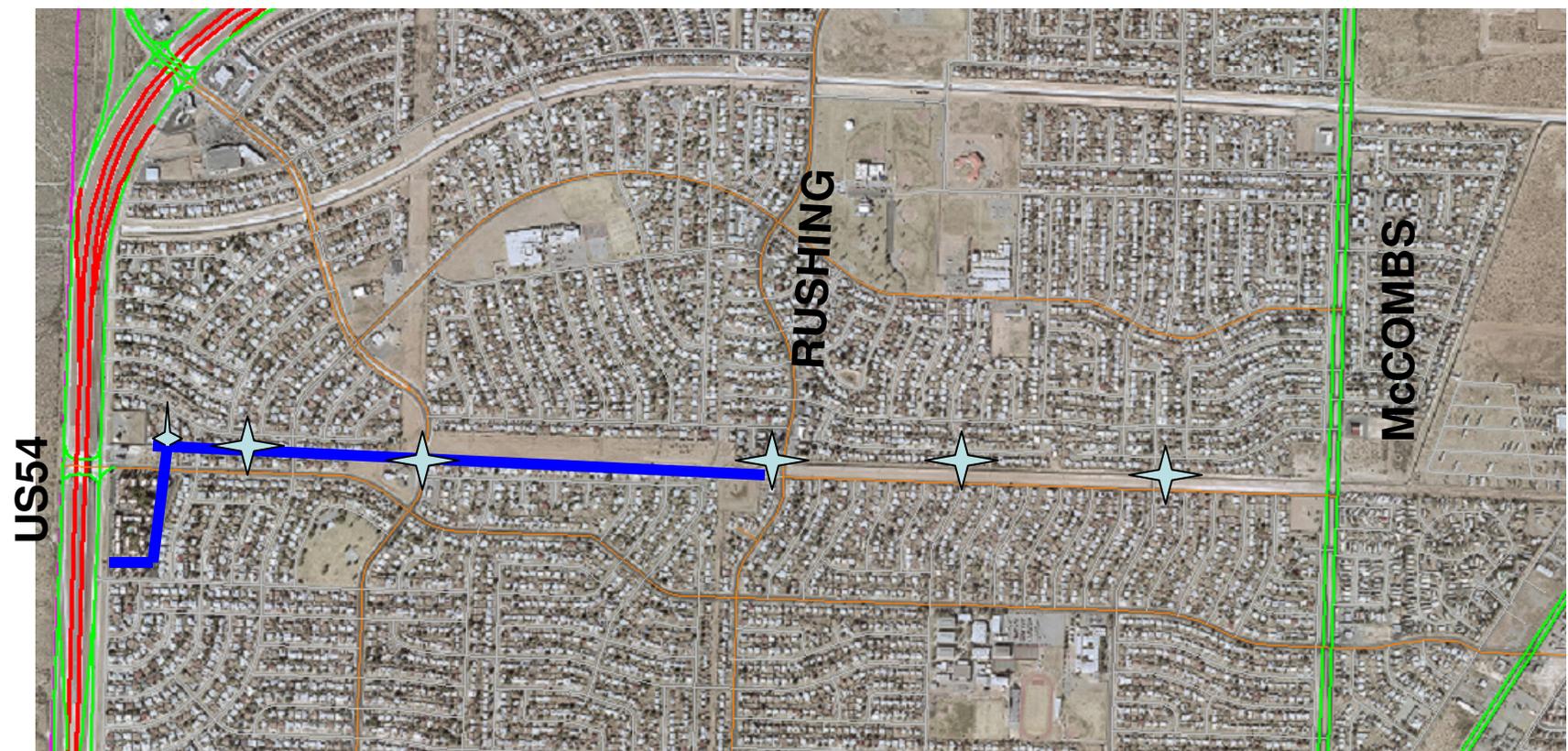
- Scope: expands capacity of the channel from US54 to Rushing. Includes upsizing of street crossings.
- A/E Selection: Storm 2006 Program
- Contract Amount: \$469,841.80
- Design Period thru June 2009,
Construction to Begin September 2009



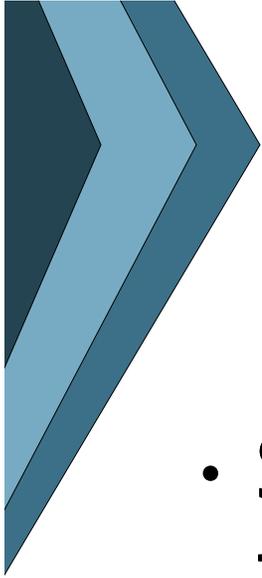
UPSIZE
CHANNEL



UPSIZE
CROSSINGS



NE Channel No. 2



**Govt. Hills Outfall/Durazno Neighborhood
Design Contract**
Quantum Engineering

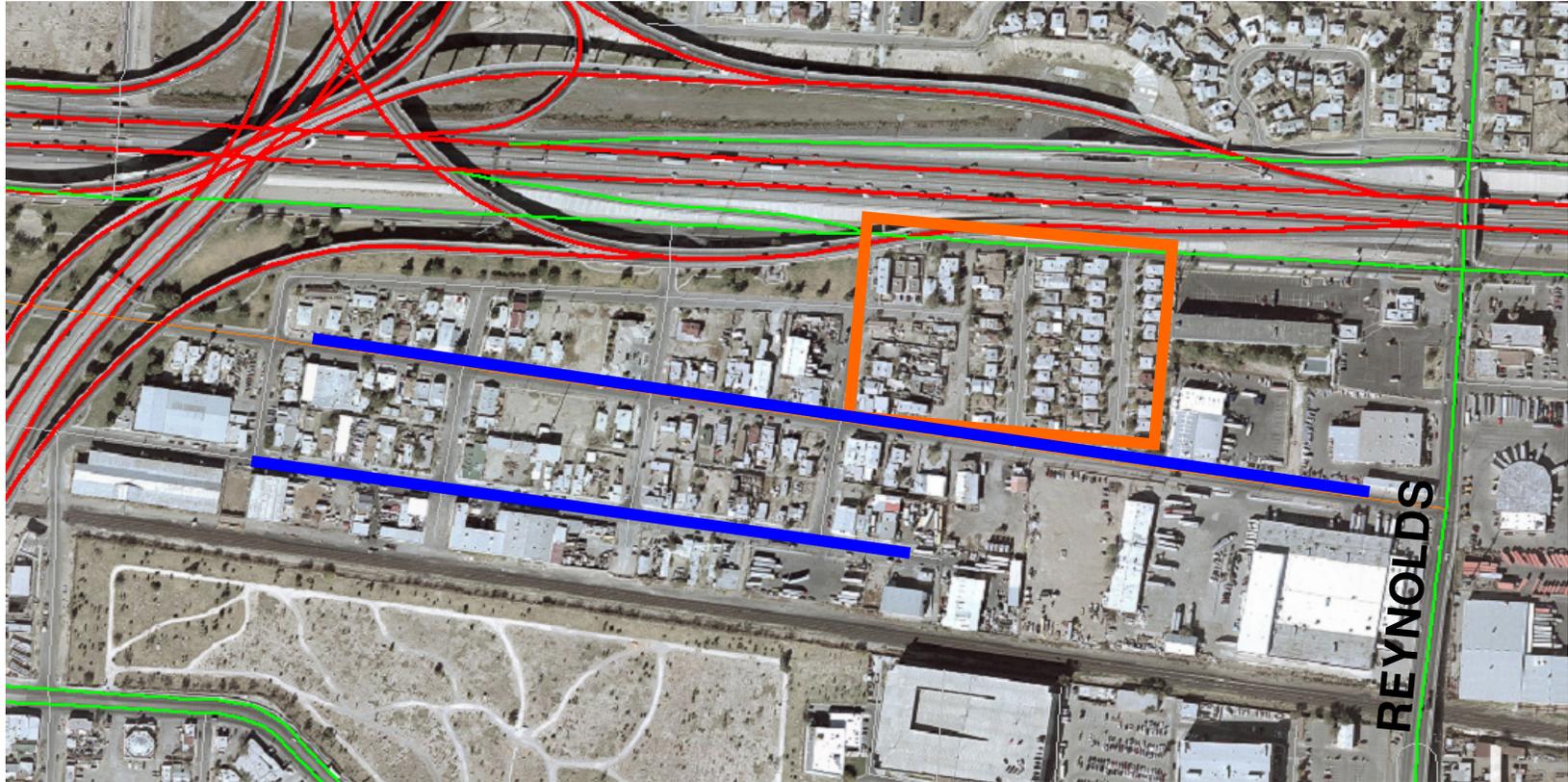
- **Scope: New storm sewer system for the Durazno Neighborhood, Park/Pond, pump station to drain the pond**
- **Selection Type: A/E Storm 2006**
- **Contract: \$404,049.90**
- **Design thru May 2009, Construction to begin August 2009**



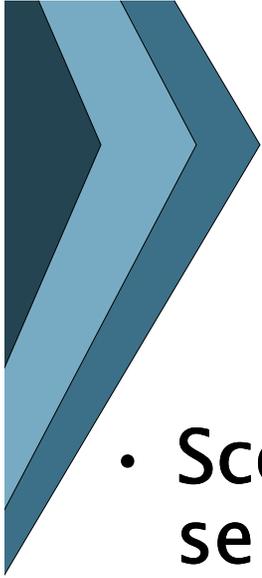
NEW STORM SEWER



NEW
PARK/POND

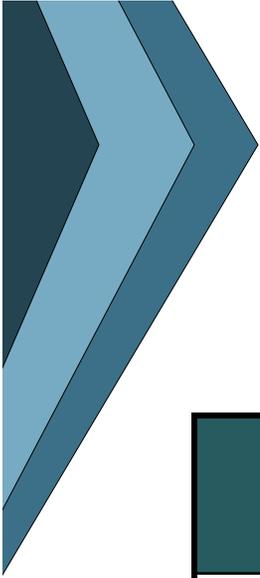


Govt. Hills Outfall/Durazno Neighborhood



Transit Planning Services Alternatives Analysis
Engineering Study Contract
Jacobs Engineering Group

- **Scope – Develop fixed guide way transit services in four high capacity priority corridors**
- **Selection Type – Architect/Engineer Selection from Pre-Qualified List of Firms**
- **Amount – \$980,951**
- **Anticipated Schedule –December, 2008 to January, 2010**



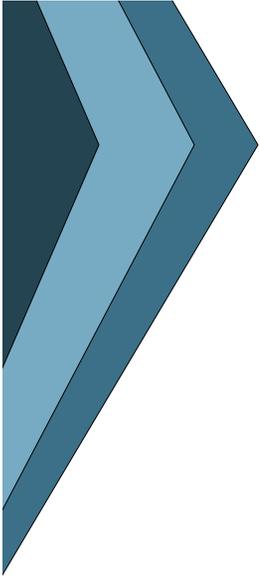
Transit Planning Services Alternatives

Analysis

Engineering Study Contract

Jacobs Engineering Group

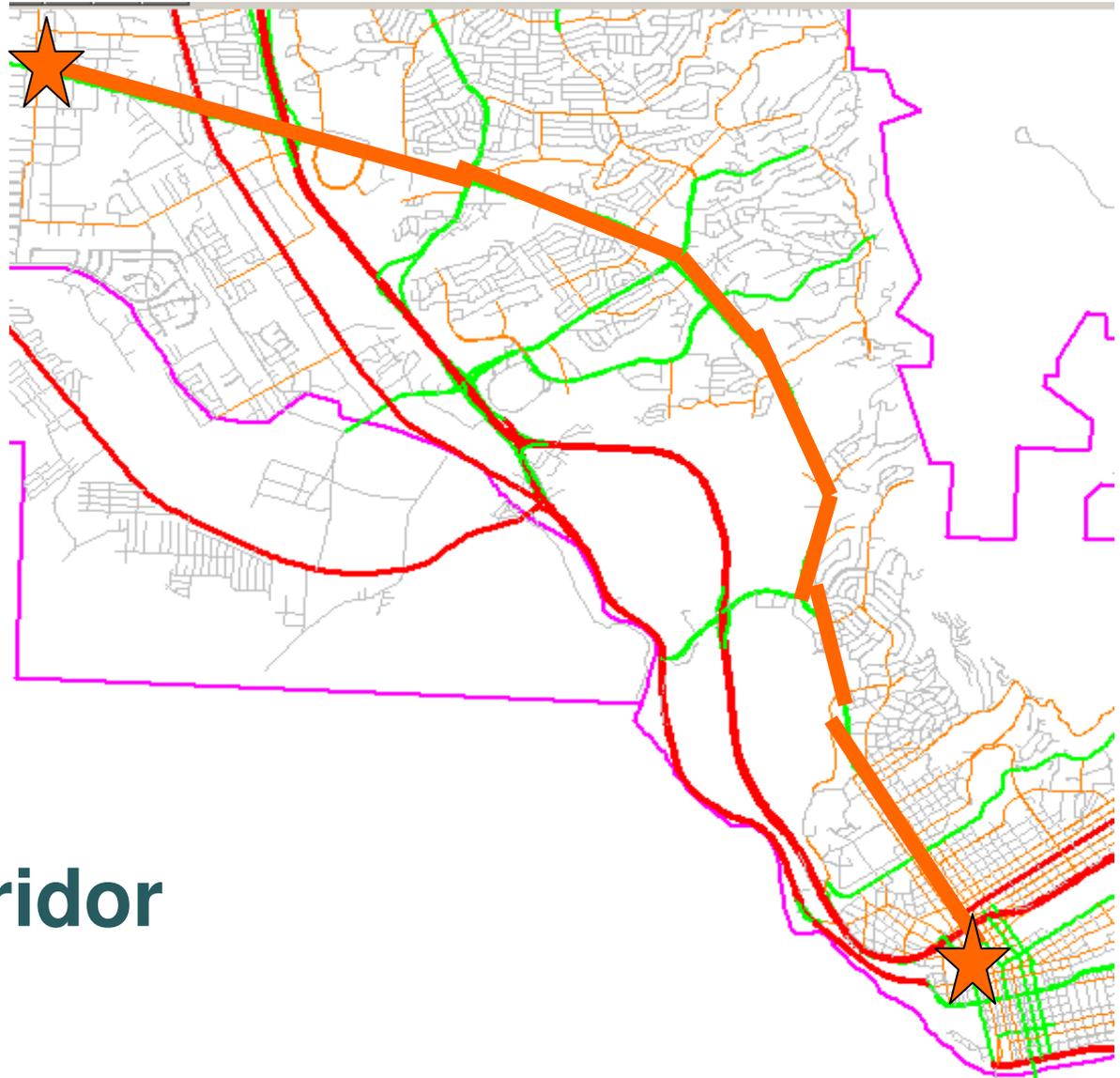
| Corridor | Cost per Corridor |
|-----------------|--------------------------|
| Mesa | \$222,916 |
| Montana | \$222,916 |
| Alameda | \$316,019 |
| Dyer | \$181,100 |
| Total | \$980,951 |



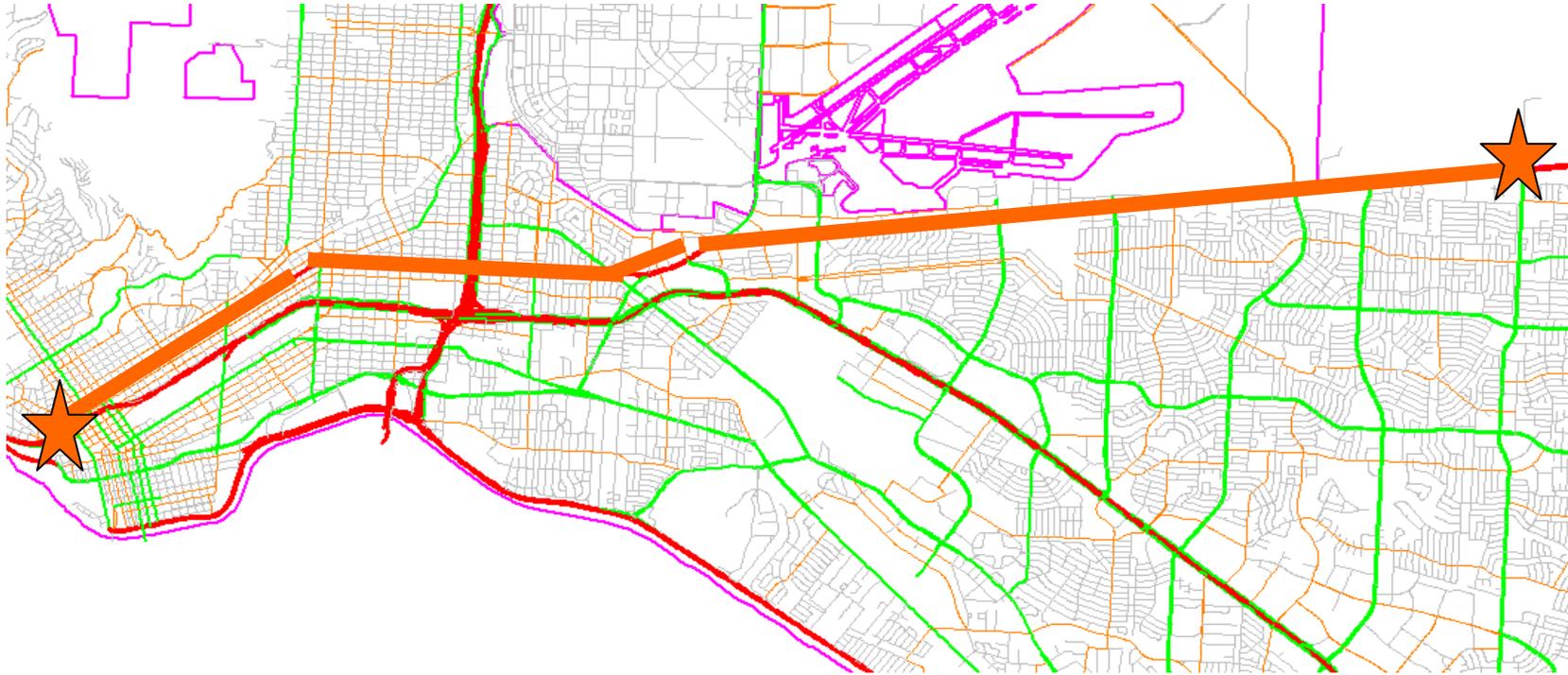
Transit Planning Services Include:

- **Develop Management Plan**
- **Develop Public Participation Plan**
- **Analyze Needs and Demand**
- **Define Alternatives and Technologies**
- **Identify Projects Costs, Impacts and Ranking**
- **Develop Operating Plan and Standards**
- **Prepare Ridership Forecasts and Economic Analysis**
- **Estimate Capital/Operating Costs**
- **Identify Locally Preferred Alternative**
- **Prepare Final Locally Preferred Alternative Report**
- **Prepare Preliminary Project Management Plan**
- **Develop Financial Plan for Preferred Alternative**
- **Plan for a Before and After Study**

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MESA
FROM
DOWNTOWN
TO
DONIPHAN

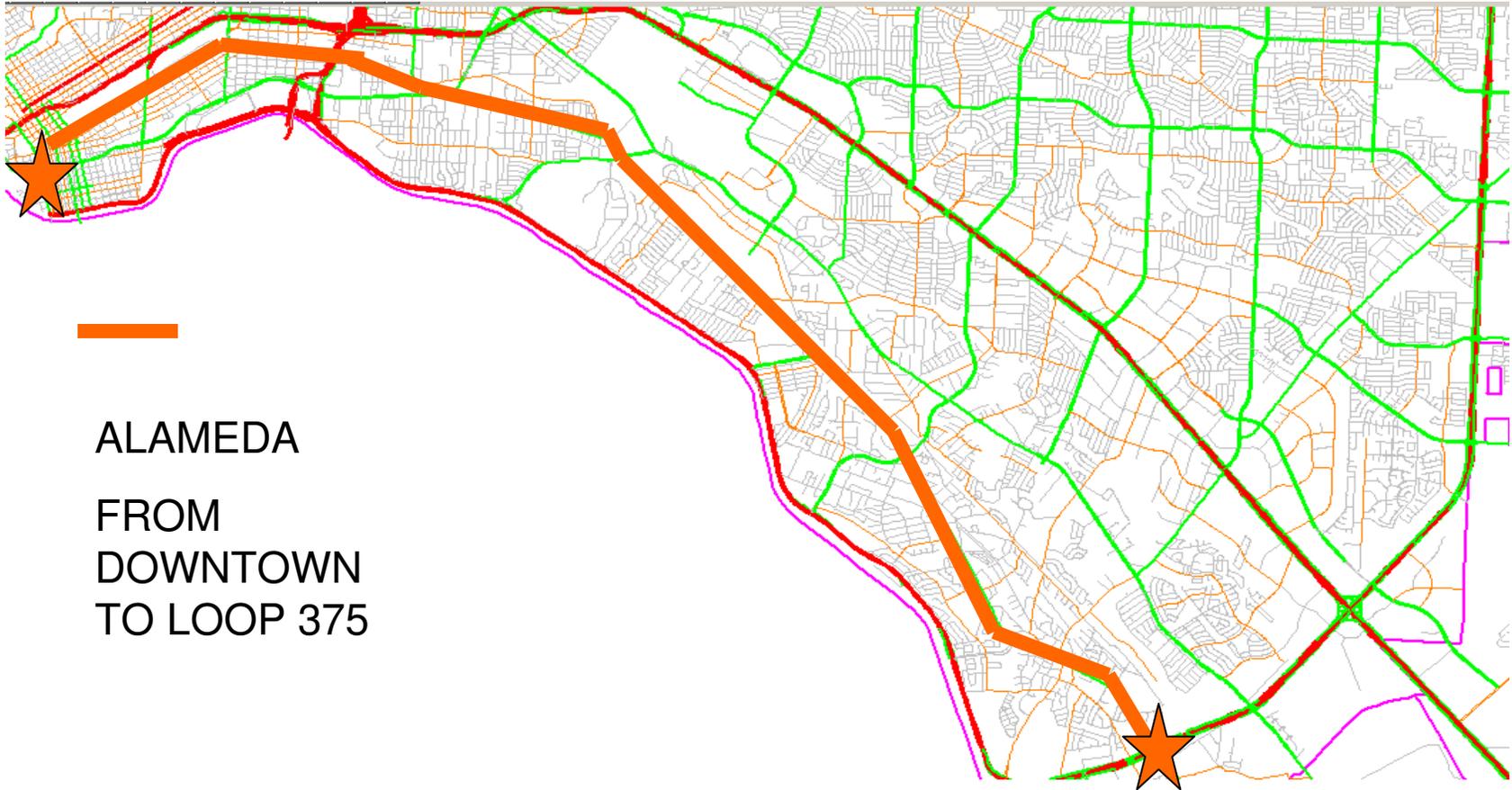


Mesa Corridor



MONTANA FROM DOWNTOWN TO
GEORGE DIETER

Montana Corridor



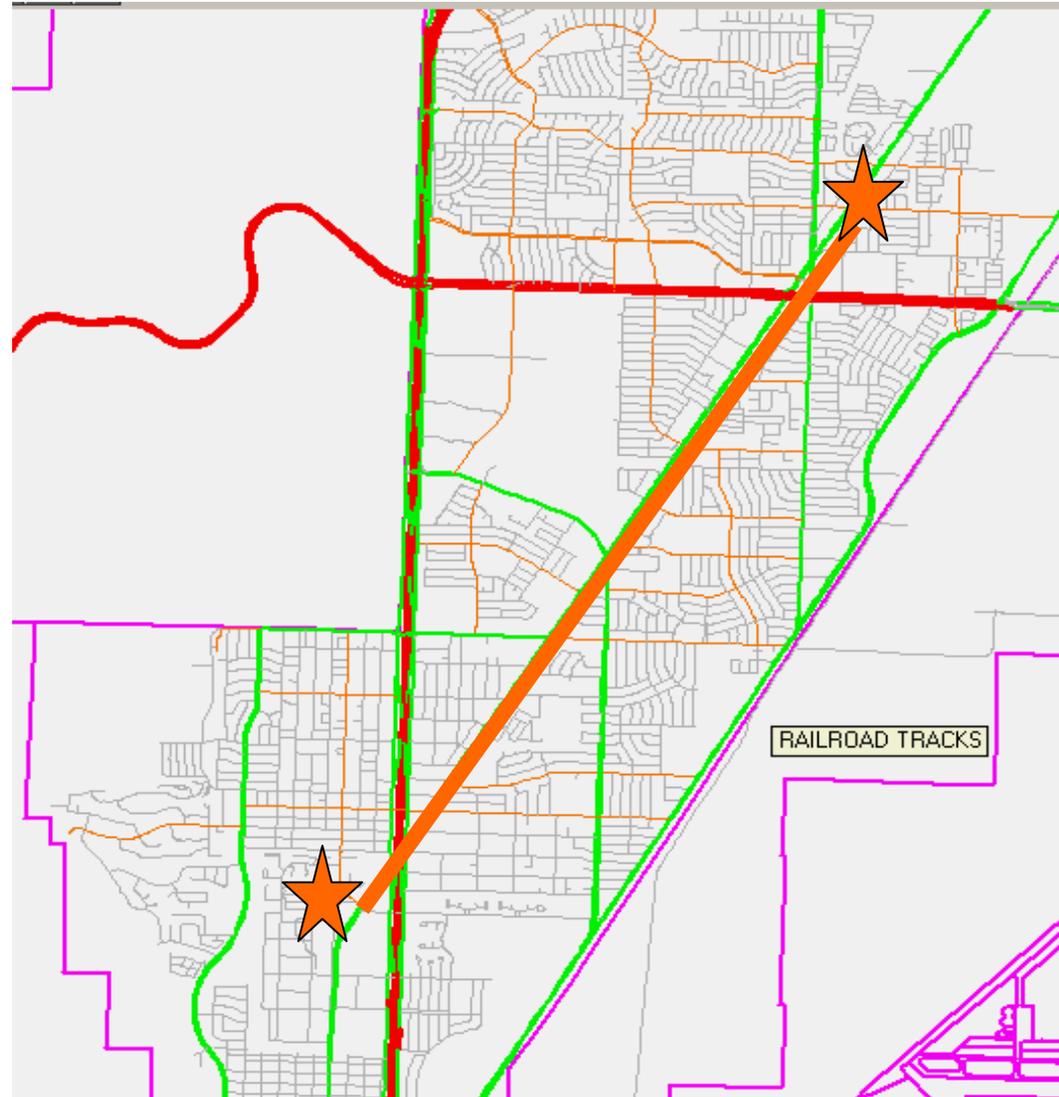
Alameda Corridor

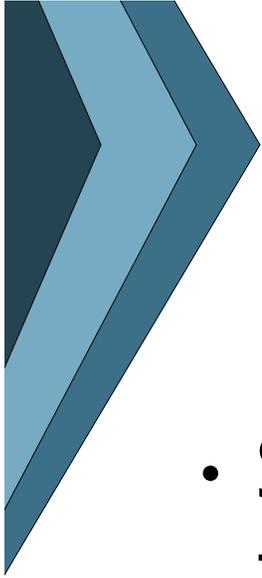


DYER

FROM US 54 TO
SUN VALLEY

Dyer Corridor



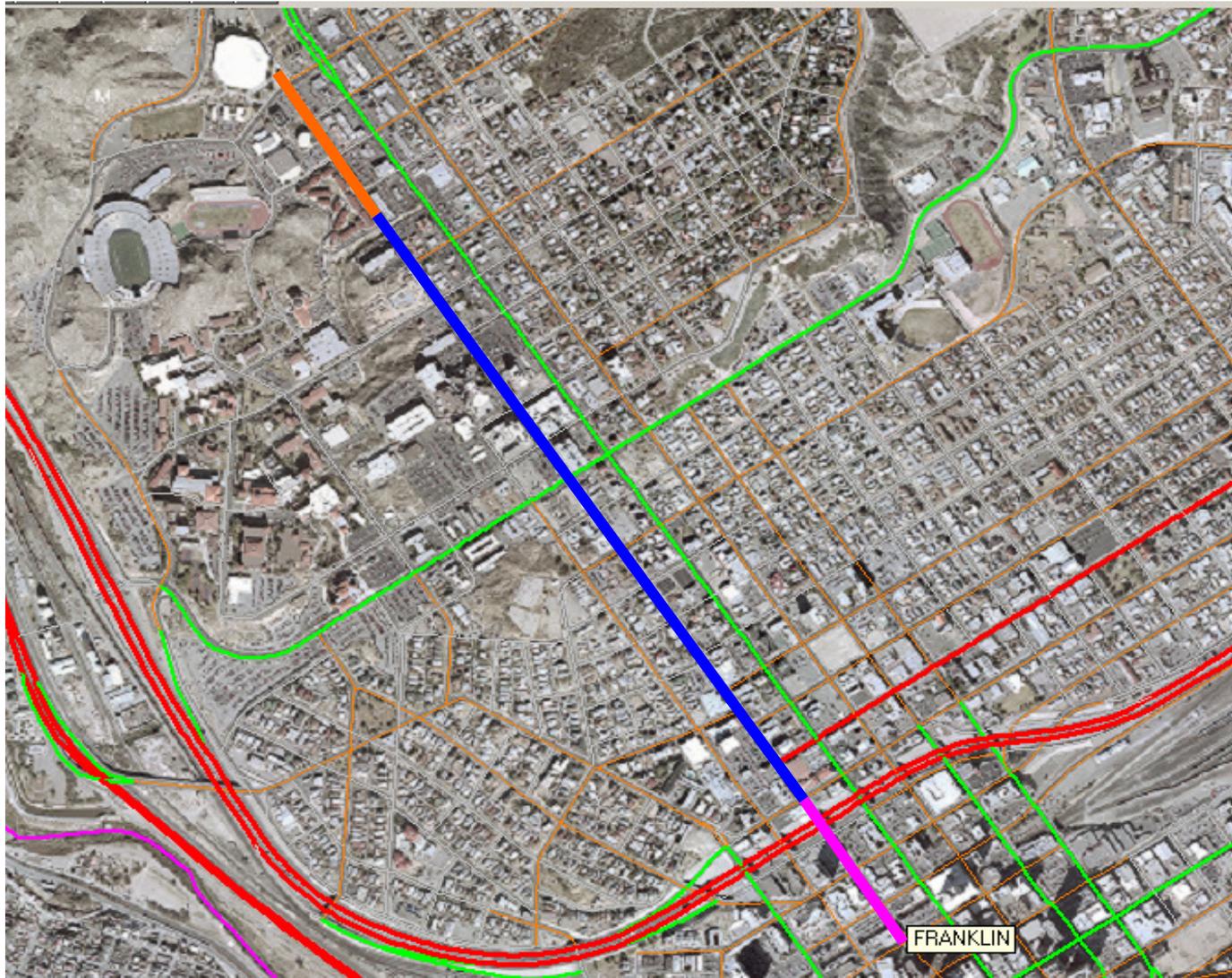


Oregon St. Rehabilitation Project

Design Contract

CEA Group Inc.

- Scope: Reconstruction of Oregon St from New York Channel to Wyoming,
- Traffic design, including signals to be completed with in-house personnel.
- Selection Type: Qualification based
- Contract: \$378,240.39
- Schedule: Design thru April 2009, Construction to begin, August 2009

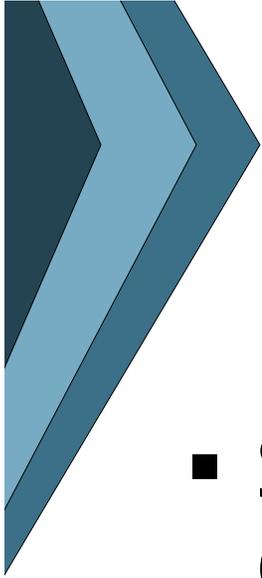


—
PART OF
STORM 2006

—
PART OF CBD III

—
CONSTRUCTED
UNDER THIS
CONTRACT

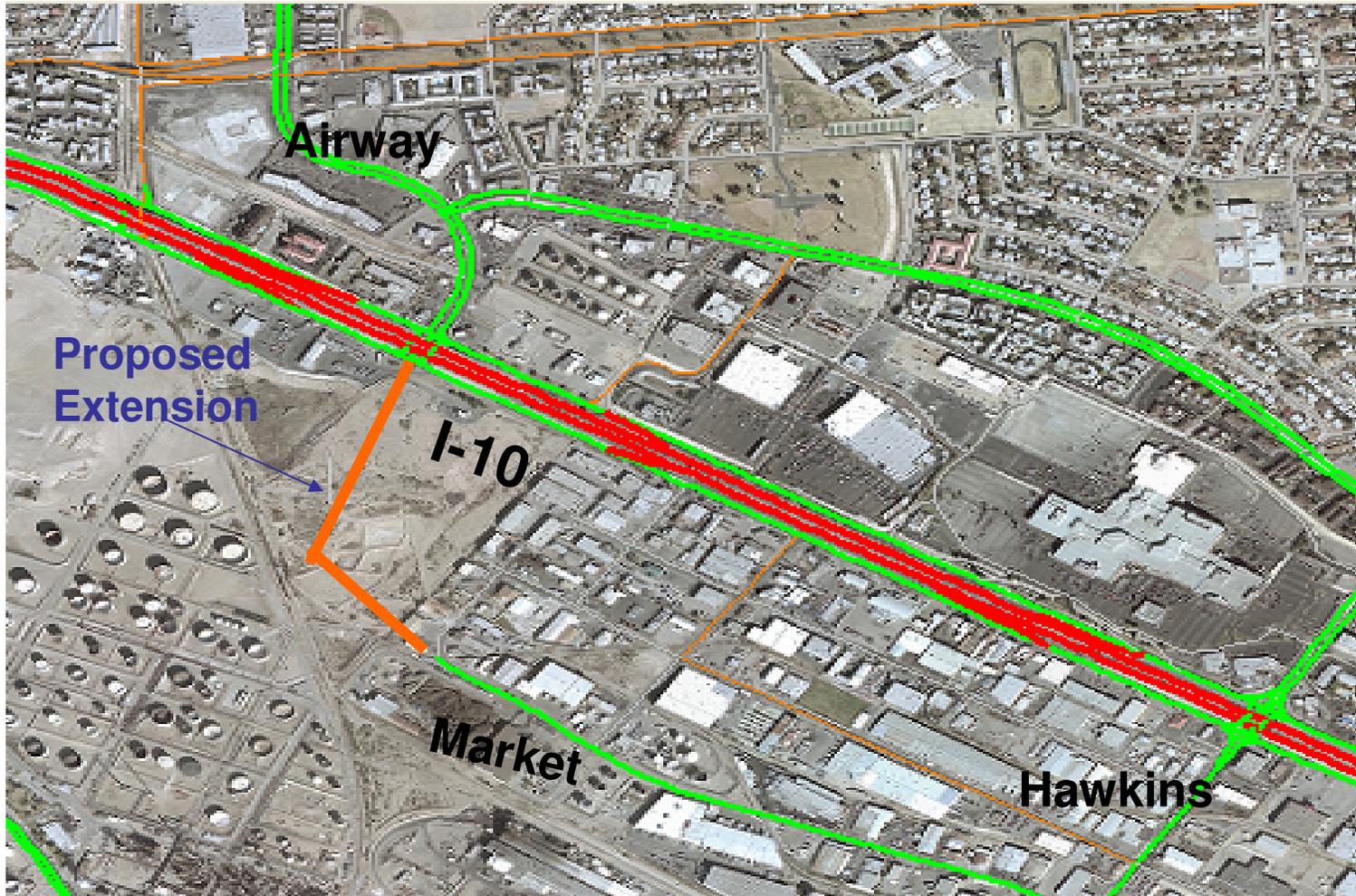
Oregon Street Rehabilitation



Airway Blvd.

Local Advanced Project Funding Agreement

- Scope: Extension of Airway from Gateway East to Market as first phase of Airway Extension
- Total Project Cost: \$6,350,000
- City Match: \$907,500
- City is project manager



Airway Extension



Capital Improvement Program *Update*



City Council Meeting
December 2, 2008