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City of Las Cruces®

PEOPLE HELPING PEOPLE

Council Action and Executive Summary

Item # 10

Ordinance/Resolution# 14-142

For Meeting of _____
(Ordinance First Reading Date)

For Meeting of March 3, 2014
(Adoption Date)

Please check box that applies to this item:

QUASI JUDICIAL

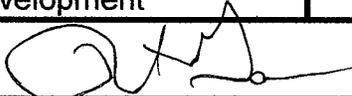
LEGISLATIVE

ADMINISTRATIVE

TITLE: A RESOLUTION AUTHORIZING THE APPLICATION FOR 2014/2015 MUNICIPAL ARTERIAL PROGRAM (MAP) FUNDING WITH THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) FOR THE _____ PROJECT.

PURPOSE(S) OF ACTION:

Select project for application.

COUNCIL DISTRICT: N/A		
Drafter/Staff Contact: Louis Grijalva, P.E.	Department/Section: Public Works/Project Development	Phone: 528-3479
City Manager Signature:		

BACKGROUND / KEY ISSUES / CONTRIBUTING FACTORS:

NMDOT makes funding available to municipalities for arterial projects. Applications for this year's MAP projects are due by March 15, 2014. MAP funds are typically split: 75% NMDOT; 25% City of Las Cruces (City). It is anticipated the City could receive about \$500,000.00 for a given project; however staff is recommending full project scope to truly reflect the needs identified within the Pavement Maintenance Program and the city's transportation system needs. Staff has identified three projects that could be considered for 2014/2015 MAP funding and has prepared cost estimates and vicinity maps for each.

MAP's purpose is to assist municipalities in project development, construction, improvement, maintenance, repair, right-of-way acquisition, and material acquisition, for those roadways that are principal extensions of rural state highways and of other streets not on the highway system, but determined to qualify under designated criteria. The criteria for eligibility, is the degree to which the route would assist in the distribution of state highway system traffic. Since NMDOT has approved only one application per year for many years, staff recommends application for a single, high-priority project. The following projects have been identified by Public Works staff for City Council consideration. All three projects were identified by the Pavement Management Program and prioritized by roadway classification and average daily traffic.

Staff has also conducted a field analysis for each. Outlined below are the proposed improvements:

Option No. 1: Roadrunner Parkway Pavement Replacement from Lookout Ridge Drive to Santo Domingo Avenue. The project will consist of using a milling process to remove the existing pavement surface. The asphalt millings will be removed and stock-piled in a City yard for use by the Transportation Department. The existing base course is then re-compacted and 4 inches of new asphalt is placed on top of the existing base course. The project will also include new sidewalks, drive pads, curb and gutter, pavement markings, construction staking, traffic control, and miscellaneous construction items. The cost of improvement is estimated to be \$1,032,000.00 (NMDOT - \$774,000.00; City - \$258,000.00). Benefits of the proposed improvements would be:

- NMDOT can help supplement financially the rehabilitation of an existing arterial street.
- If funded, the City can update the existing sidewalks that are not in compliance with American Disabilities Act.
- The project can be phased if the full project scope cost is not awarded.
- The pavement replacement process will speed up the construction time and lessen the impact to the public.
- Roadrunner Parkway functions as a by-pass from US Highway 70 to Interstate-25, which could be desirable to the NMDOT, since it would assist in the distribution of state highway system traffic.

A disadvantage of the proposed improvements could be the narrow width of roadway will not accommodate bike lanes.

Option No. 2: Elks Drive Widening from Reina Drive to Hatfield Road. The project will consist of a full reconstruction and widening of the roadway to a five lane street section with 6 foot bike lanes. The project would also include the installation of 4 inches of asphalt, sidewalks, drive pads, curb and gutter, median curb, street lighting and storm drain improvements. The cost of improvements is estimated to be \$884,000.00 (NMDOT - \$663,000.00; City - \$221,000.00). Benefits of the proposed improvements would be:

- NMDOT can help supplement financially the widening of an existing arterial street.
- If funded, the City can install additional sidewalks along Elks Drive.
- Improve drainage and lighting systems along the corridor.
- Elks Drive acts as a frontage road for Interstate 25, from Thorpe Road to US Highway 70, which could be desirable to the NMDOT, since it would assist in the distribution of state highway system traffic.
- This project would eliminate a safety hazard along the corridor where the existing roadway transitions from a four lane section to a two lane section, back to a four lane section.
- This project will provide an enhanced continuity to the new Engler Road improvements recently completed by NMDOT.

A few disadvantages of the proposed improvements could be:

- The project cannot be phased if the full cost is not awarded, or if additional funding isn't in place to cover the difference.

- The adjacent property owner will likely subdivide the parcel after improvements are completed.

Option No. 3: Don Roser Drive Rehabilitation and A.D.A. Improvements from Terrace Drive to Missouri Avenue. The project will consist of the removal of the existing pavement and the installation of 4 inches of asphalt with 6 inches of base course. The project will also include new sidewalks, drive pads, curb and gutter, pavement markings, construction staking, traffic control, and miscellaneous construction items. The cost of improvements is estimated to be \$636,000.00 (NMDOT - \$477,000.00; City - \$159,000.00). Benefits of the proposed improvements would be:

- NMDOT can help supplement financially the rehabilitation of an existing collector street.
- If funded, the City can update the existing sidewalks that are not in compliance with American Disabilities Act.
- The project can be phased if the full project scope cost is not awarded.
- Don Roser Drive acts as a frontage road for Interstate 25 from University Avenue to Missouri Avenue, which could be desirable to the NMDOT, since it would assist in the distribution of state highway system traffic.
- If funded the project would tie into NMDOT's Interstate 25 / Missouri Avenue bridge replacement project.

The proposed improvements could be an inconvenience to the public due to the construction of the NMDOT Interstate 25 / Missouri Avenue bridge replacement project.

Staff is recommending City Council approve the Elks Drive Widening Project from Reina Drive to Hatfield Road to be awarded the 2014/2015 MAP funding. It would eliminate a safety hazard along the corridor and minimize the City's liability.

SUPPORT INFORMATION:

1. Resolution.
2. Attachment "A", Cost Estimate for Option 1.
3. Attachment "B", Vicinity Map for Option 1.
4. Attachment "C", Cost Estimate for Option 2.
5. Attachment "D", Vicinity Map for Option 2.
6. Attachment "E", Cost Estimate for Option 3.
7. Attachment "F", Vicinity Map for Option 3.

SOURCE OF FUNDING:

Is this action already budgeted? N/A		
	Yes	<input type="checkbox"/> See fund summary below
	No	<input type="checkbox"/> If No, then check one below:
	<i>Budget Adjustment Attached</i>	<input type="checkbox"/> Expense reallocated from: _____
		<input type="checkbox"/> Proposed funding is from a new revenue source (i.e. grant; see details below)
	<input type="checkbox"/> Proposed funding is from fund balance in the _____ Fund.	
Does this action create any revenue?		
	Yes	<input type="checkbox"/> Funds will be deposited into this fund: _____ in the amount of \$_____ for FY_____.
	No	<input checked="" type="checkbox"/> There is no new revenue generated by this action.

BUDGET NARRATIVE

City match funds will be available in the FY 14/15 budget and will be identified at such time a grant is received. Anticipated funding will come from the Street Maintenance (4202) and Flood Control (4400) Funds.

FUND EXPENDITURE SUMMARY:

Fund Name(s)	Account Number(s)	Expenditure Proposed	Available Budgeted Funds in Current FY	Remaining Funds	Purpose for Remaining Funds
N/A	N/A	N/A	N/A	N/A	N/A

OPTIONS / ALTERNATIVES:

1. Vote "Yes"; this will approve the resolution and application for MAP funding with the NMDOT for Roadrunner Parkway Pavement Replacement from Lookout Ridge Drive to Santo Domingo Avenue.
2. Vote "Yes"; this will approve the resolution and application for MAP funding with the NMDOT for Elks Drive Widening from Reina Drive to Hatfield Road.
3. Vote "Yes"; this will approve the resolution and application for MAP funding with NMDOT for Don Roser Drive Reconstruction and A.D.A. improvements from Terrace Drive to Missouri Avenue.
4. Vote "No"; this will reject the resolution in its entirety. MAP funds will not be applied for this year.
5. Vote to "Amend"; this could modify the resolution to reflect other projects.
6. Vote to "Table"; this could impact the application for funding and possibly cause the application deadline to be missed.

REFERENCE INFORMATION:

The resolution(s) and/or ordinance(s) listed below are only for reference and are not included as attachments or exhibits.

1. N/A

RESOLUTION NO. 14-142

A RESOLUTION AUTHORIZING THE APPLICATION FOR 2014/2015 MUNICIPAL ARTERIAL PROGRAM (MAP) FUNDING WITH THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) FOR THE _____ PROJECT.

The City Council is informed that:

WHEREAS, the NMDOT makes funding available to municipalities for arterial projects; and

WHEREAS, the NMDOT requires a Resolution of Support from City Council as part of the application process; and

WHEREAS, applications for the Municipal Arterial Program (MAP) projects are due to NMDOT no later than March 15, 2014; and

WHEREAS, it is anticipated that the City of Las Cruces (City) could receive funding for a given project and recommends that a single project be identified on the application for MAP funds to NMDOT; and

WHEREAS, the Public Works Department has identified three projects for City Council that could be considered and prioritized for the MAP funding project.

NOW, THEREFORE, Be it resolved by the governing body of the City of Las Cruces:

(I)

THAT the application for the MAP funding with the NMDOT for the _____ Project is hereby authorized.

(II)

THAT the City Manager is authorized to execute MAP Agreements upon acceptance from the NMDOT; provided sufficient budget is available for the matching

funding level.

(III)

THAT City staff shall place the _____
Project in the FY 2014/2015 Budget.

(IV)

THAT City staff is hereby authorized to do all deeds necessary in the
accomplishment of the herein above.

DONE AND APPROVED this _____ day of _____, 20__.

APPROVED:

Mayor

ATTEST:

City Clerk

(SEAL)

VOTE:

Mayor Miyagishima: _____
Councillor Silva: _____
Councillor Smith: _____
Councillor Pedroza: _____
Councillor Small: _____
Councillor Sorg: _____
Councillor Levatino: _____

Moved by: _____

Seconded by: _____

APPROVED AS TO FORM:



City Attorney

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NMDOT M.A.P. APPLICATION 2014/2015
PROJECT COST ESTIMATE
ROADRUNNER PWKY. PAVEMENT REPLACEMENT FROM LOOKOUT RIDGE DR.
TO SANTO DOMINGO AVE.

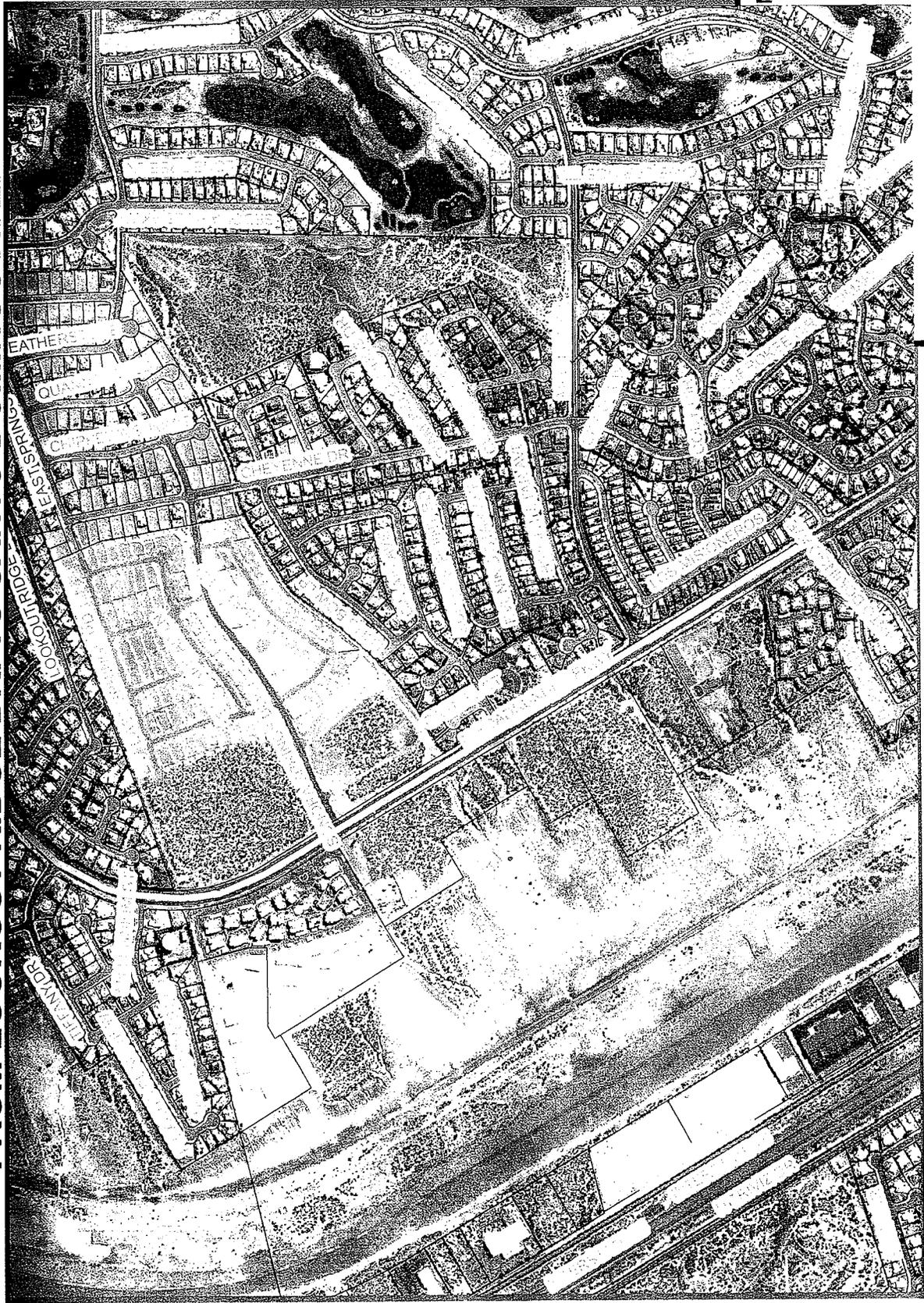
SCOPE OF WORK: Removing the existing pavement. Compact the existing base course and install 4" of asphalt. The project will also include pavement markings, construction staking, traffic control, new sidewalks, drive pads, curb & gutter to be in compliance with ADA, and miscellaneous construction.

ROADWAY		\$889,506.00

	CONSTRUCTION TOTAL =	\$889,506.00
	G.R. TAX (7.5625%) =	\$67,268.89
	SUB-TOTAL =	\$956,774.89
ENGINEERING		\$40,000.00
PROJECT MANAGEMENT		\$20,000.00
MATERIALS TESTING		\$15,000.00

	PROJECT TOTAL =	\$1,031,774.89
	USE =	\$1,032,000.00
NMDOT (75%)		\$774,000.00
CITY OF LAS CRUCES (25%)		\$258,000.00

**ROADRUNNER PKWY PAVEMENT REPLACEMENT PROJECT
FROM LOOKOUT RIDGE DR. TO SANTO DOMINGO AVE.**



NMDOT M.A.P. APPLICATION 2014/2015
PROJECT COST ESTIMATE
ELKS DRIVE WIDENING FROM REINA DRIVE TO HATFIELD ROAD

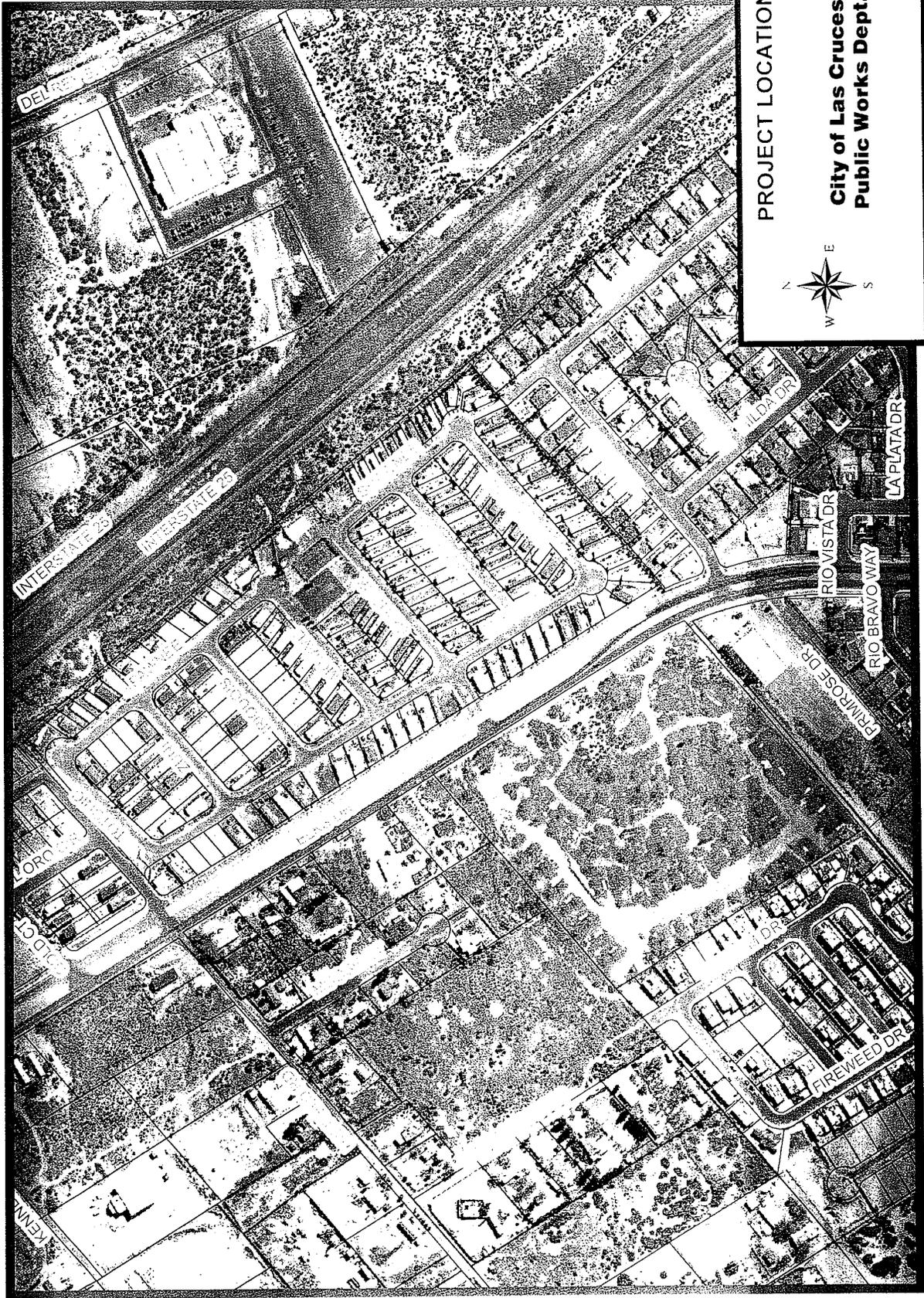
SCOPE OF WORK: Reconstruct and widen of Elks Drive to a five lane street section. Project will also include 4 inches of pavement, sidewalks, curb & gutter, drive pads, median curbs, street lighting, storm drain, pavement markings, construction staking, traffic control, and miscellaneous construction.

ROADWAY		\$677,780.00

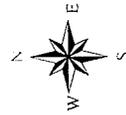
	CONSTRUCTION TOTAL =	\$677,780.00
	G.R. TAX (7.5625%) =	\$52,257.11
	SUB-TOTAL =	\$729,037.11
ENGINEERING		\$100,000.00
PROJECT MANAGEMENT		\$30,000.00
MATERIALS TESTING		\$25,000.00

	PROJECT TOTAL =	\$884,037.11
	USE =	\$884,000.00
NMDOT (75%)		\$663,000.00
CITY OF LAS CRUCES (25%)		\$221,000.00

ELKS DRIVE WIDENING FROM REINA DRIVE TO HATFIELD ROAD



PROJECT LOCATION



**City of Las Cruces
Public Works Dept.**

NMDOT M.A.P. APPLICATION 2014/2015
PROJECT COST ESTIMATE
DON ROSER DRIVE REHABILITATION AND A.D.A. IMPROVEMENTS FROM
TERRACE ST. TO MISSOURI AVE.

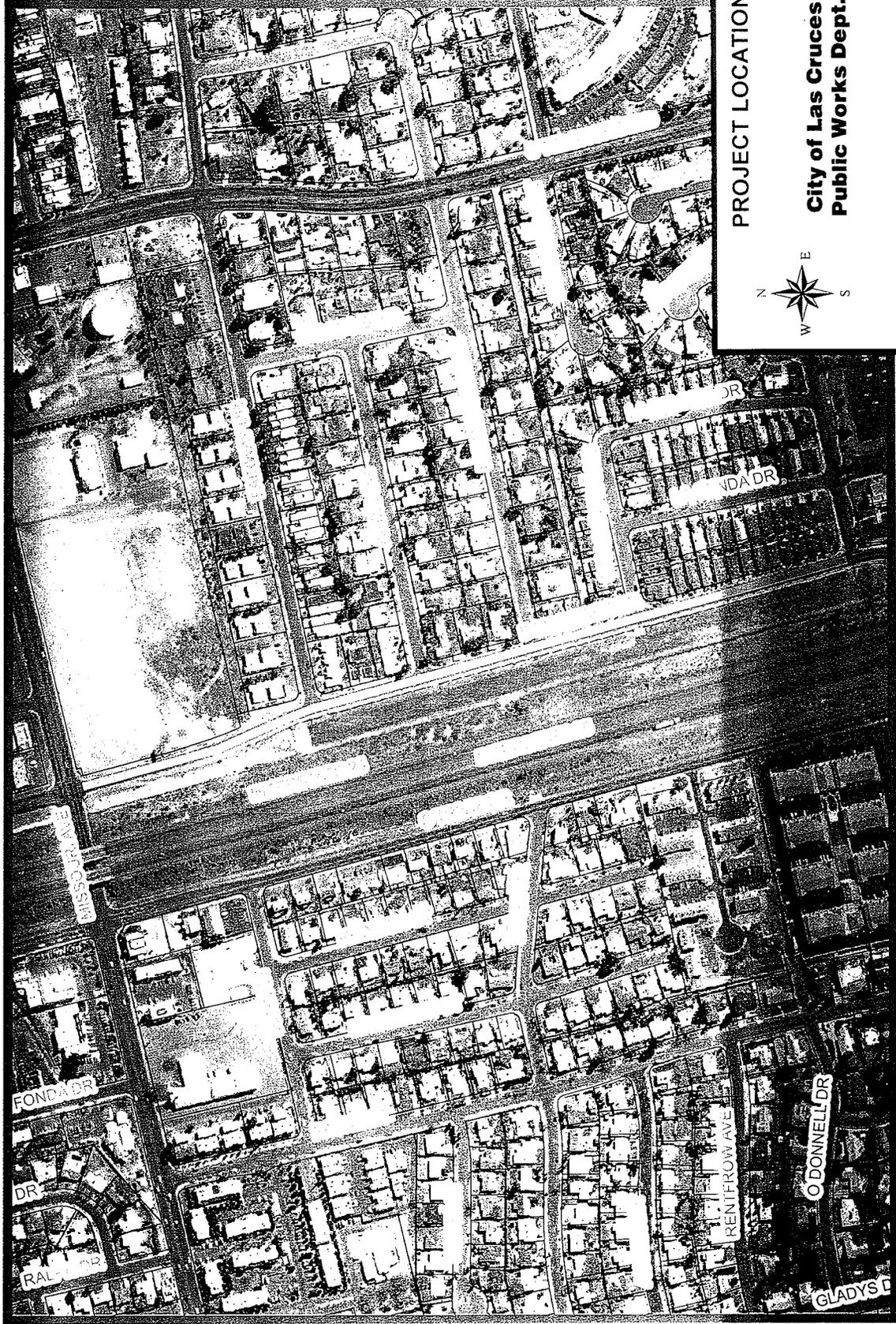
SCOPE OF WORK: Removing the existing pavement and installing 4" of asphalt over 6" of base course. The project will also include pavement markings, construction staking, traffic control, new sidewalks, drive pads, curb & gutter to be in compliance with ADA, and miscellaneous construction.

ROADWAY		\$521,320.25

	CONSTRUCTION TOTAL =	\$521,320.25
	G.R. TAX (7.5625%) =	\$39,424.84
	SUB-TOTAL =	\$560,745.09
ENGINEERING		\$40,000.00
PROJECT MANAGEMENT		\$20,000.00
MATERIALS TESTING		\$15,000.00

	PROJECT TOTAL =	\$635,775.09
	USE =	\$636,000.00
NMDOT (75%)		\$477,000.00
CITY OF LAS CRUCES (25%)		\$159,000.00

DON ROSER DR. REHABILITATION AND ADA IMPROVEMENTS PROJECT



PROJECT LOCATION

**City of Las Cruces
Public Works Dept.**

