

City of Las Cruces[®]

PEOPLE HELPING PEOPLE

Council Action and Executive Summary

Item # 17 Ordinance/Resolution# 10-222 Council District:

For Meeting of March 1, 2010

TITLE:

A RESOLUTION AUTHORIZING THE APPLICATION FOR 2010 / 2011 MUNICIPAL ARTERIAL PROGRAM (MAP) FUNDING WITH THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) FOR THE PROJECT.

PURPOSE(S) OF ACTION: Grant Application

Name of Drafter: Amber Vaughn <i>AV</i>		Department: Public Works		Phone: 528-3228	
Department	Signature	Phone	Department	Signature	Phone
Public Works	<i>[Signature]</i>	3373	Budget	<i>[Signature]</i>	2300
			Assistant City Manager	<i>[Signature]</i>	2271
Legal	<i>[Signature]</i>		City Manager	<i>[Signature]</i>	2076

BACKGROUND / KEY ISSUES / CONTRIBUTING FACTORS:

The New Mexico Department of Transportation (NMDOT), on an annual basis, makes funding available to municipalities for arterial projects. Applications for this year's Municipal Arterial Program (MAP) projects are due on March 15, 2010. MAP funds are typically split: 75% NMDOT, and 25% City of Las Cruces (City). It is anticipated that the City could receive about \$500,000 for a given project; however staff is recommending we ask for the full project scope to truly reflect our needs. If we only receive partial funding, then the projects can be re-scoped to reflect the available budget. Staff has identified three projects that could be considered for 2009/2010 Municipal Arterial Program funding and has prepared cost estimates and vicinity maps for each.

The purpose of the Municipal Arterial Program is to assist municipalities in project development, construction, improvement, maintenance, repair, right-of-way acquisition, and material acquisition of those streets that are principal

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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 the New Mexico Department of Transportation 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 in no particular order for City Council consideration and are outlined as follows:

Option No. 1, Amador Avenue Improvements, from 17th Street to West Gate.

Amador Avenue is a major six lane arterial roadway, passing through the heart of the City, with traffic counts in excess of 29,000 vehicles per day. It connects I-10 to the west with I-25 to the east, which makes it a good candidate for MAP funding. The pavement on this section of roadway is in very poor condition with little or no maintenance work being done in the last 20 years. This project involves the rehabilitation of the pavement (2 inch cold mill, 2 inch hot recycle of existing pavement, 2 inch HMAC overlay), sidewalk and drive pad improvements for A.D.A. compliance, street light relocation for A.D.A. compliance, loop detector replacement, and re-striping of the roadway. The project would also include the replacement of the existing City utilities along the route which have been identified as a high priority. The cost for utility replacement is not eligible for MAP funds but the work will be done concurrent with the rehabilitation of the roadway. The cost for the project is estimated to be approximately \$632,000.00 (New Mexico Department of Transportation \$474,000.00 City of Las Cruces \$158,000.00).

Option No. 2, Sonoma Ranch Boulevard widening from Ross Court to Las Colinas Drive. This project consists of widening Sonoma Ranch Boulevard from the existing two lanes to a four lane section with sidewalks on the east side of the road from Ross Court to Las Colinas Drive. This section of Sonoma Ranch Boulevard is experiencing traffic delays due to the increased residential housing

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being built in the area. Also, this project will remove a dangerous intersection by matching up the two four lane sections and eliminating the bottleneck in the roadway. The cost for the project is estimated to be approximately \$476,000.00 (New Mexico Department of Transportation \$357,000.00, City of Las Cruces \$119,000.00).

Option No. 3, South Main Street Reconstruction from Alameda Boulevard to Idaho Avenue. This project will consist of a full reconstruction of the roadway which will include two lanes in each direction with four foot bike lanes and raised medians. The work will also include the installation of sidewalk, drive pads, curb and gutter to meet A.D.A. standards. This project would be a good candidate for MAP funding because South Main Street has traffic counts in excess of 13,000 ADT and also connects I-10 to US 70 (Picacho Avenue). The cost for the project is estimated to be approximately \$1,460,000.00 (New Mexico Department of Transportation \$1,095,000.00, City of Las Cruces \$365,000.00).

Funds for the City's match and amount over the State funding limit will have to be budgeted in the fiscal year 2010/2011 budget in the Street Maintenance and Flood Control Funds for the project selected.

SUPPORT INFORMATION:

Fund Name / Account Number	Amount of Expenditure	Budget Amount
City match funds will be identified at such time a grant is received. Anticipated funding will come from the Street Maintenance and Flood Control Funds.	N/A	N/A

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

(Continue on additional sheets as required)

OPTIONS / ALTERNATIVES:

1. Approve the Resolution and the application for Municipal Arterial Program funding with the NMDOT for Amador Avenue Improvements, from 17th Street to West Gate.
2. Approve the Resolution and the application for Municipal Arterial Program funding with the NMDOT for Sonoma Ranch Boulevard widening from Ross Court to Las Colinas Drive.
3. Approve the Resolution and the application for Municipal Arterial Program funding with the NMDOT for South Main Street Reconstruction from Alameda Boulevard to Idaho Avenue.
4. Modify the Resolution to reflect other projects.
5. Reject the Resolution in its entirety. Municipal Arterial Program funds will not be applied for this year.

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RESOLUTION NO. 10-222

**A RESOLUTION AUTHORIZING THE APPLICATION FOR 2010 / 2011
MUNICIPAL ARTERIAL PROGRAM (MAP) FUNDING WITH THE NEW
MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) FOR THE
_____ PROJECT.**

The City Council is informed that:

WHEREAS, the New Mexico Department of Transportation (NMDOT) makes funding available to municipalities for arterial projects, and

WHEREAS, applications for the Municipal Arterial Program (MAP) projects are due to NMDOT no later than March 15, 2010, 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, and

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

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

(I)

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

(II)

THE City Manager is authorized to execute MAP Agreements upon acceptance from NMDOT provided sufficient budget is available for the matching funding level.

(III)

THAT City Staff shall place the _____
Project in the FY 2010/2011 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 _____, 2010.

(SEAL)

APPROVED:

Mayor

ATTEST:

City Clerk

VOTE:

Mayor Miyagishima: _____
Councillor Silva: _____
Councillor Connor: _____
Councillor Pedroza: _____
Councillor Small: _____
Councillor Sorg: _____
Councillor Thomas: _____

Moved by: _____

Seconded by: _____

APPROVED AS TO FORM:

City Attorney

NMDOT M.A.P. APPLICATION 2010/2011
PROJECT COST ESTIMATE
AMADOR AVENUE REHABILITATION FROM 17th STREET TO WEST GATE.

SCOPE OF WORK: Rehabilitation of the pavement and A.D.A. improvements to the sidewalk to include; sidewalk, curb & gutter, drivepads, cold milling 2", hot recycle of pavement, hot mix asphalt paving 2", storm drain modifications, signal modifications, pavement markings, construction staking, traffic control, and miscellaneous construction.

ROADWAY		\$518,681.50

	CONSTRUCTION TOTAL =	\$518,681.50
	G.R. TAX (7.4375%) =	\$38,576.94
	SUB-TOTAL =	\$557,258.44
ENGINEERING		\$45,000.00
PROJECT MANAGEMENT		\$20,000.00
MATERIALS TESTING		\$10,000.00

	PROJECT TOTAL =	\$632,258.44
	USE =	\$632,000.00
NMSHTD (75%)		\$474,000.00
CITY OF LAS CRUCES (25%)		\$158,000.00

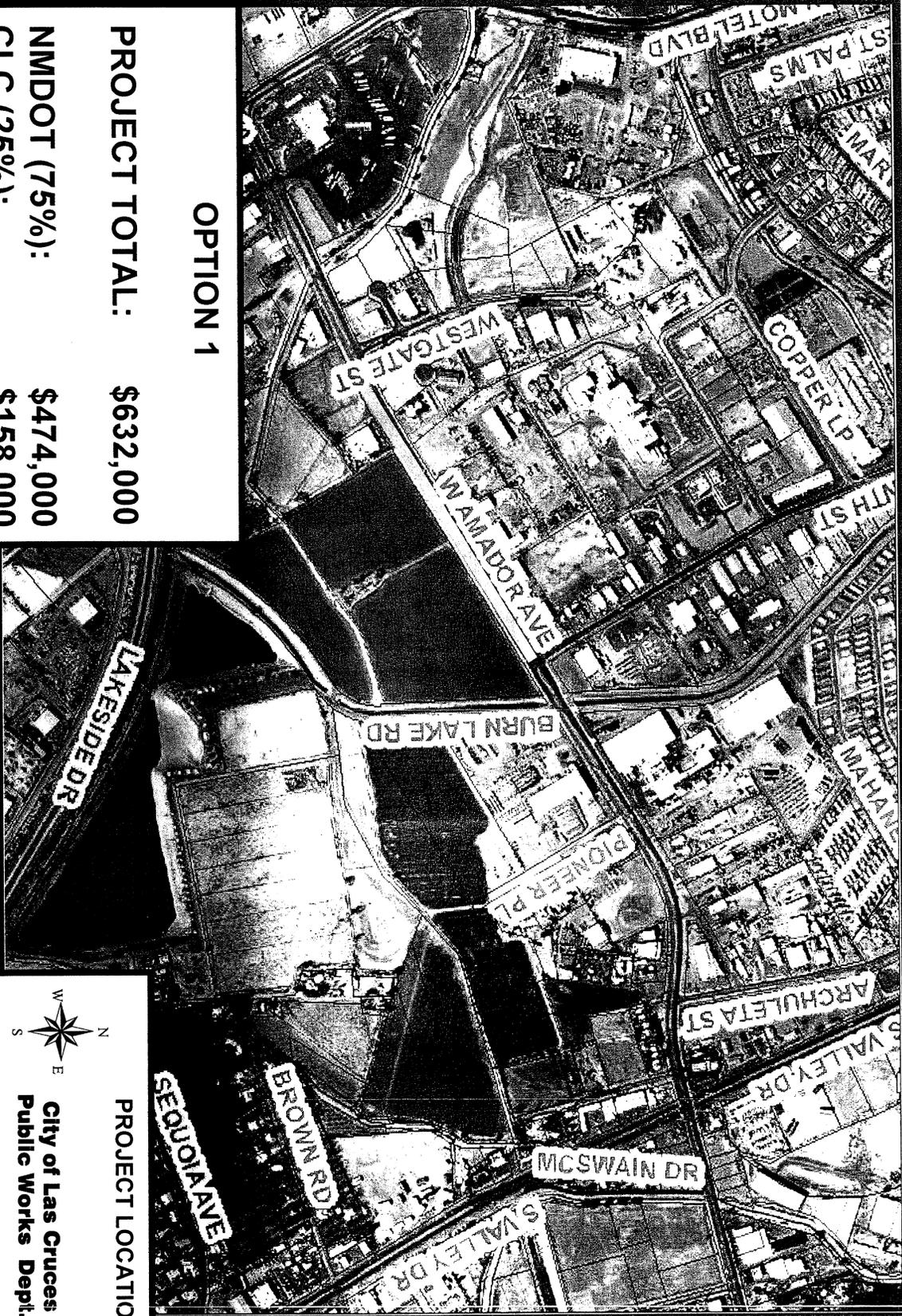
**AMADOR AVE IMPROVEMENTS PROJECT
FROM 17th TO WEST GATE.**

OPTION 1

PROJECT TOTAL: \$632,000

NMDOT (75%): \$474,000

CLC (25%): \$158,000



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

PROJECT LOCATION

NMDOT M.A.P. APPLICATION 2010/2011
PROJECT COST ESTIMATE
SONOMA RANCH BLVD. WIDENING FROM ROSS CT. TO LAS COLINAS DRIVE

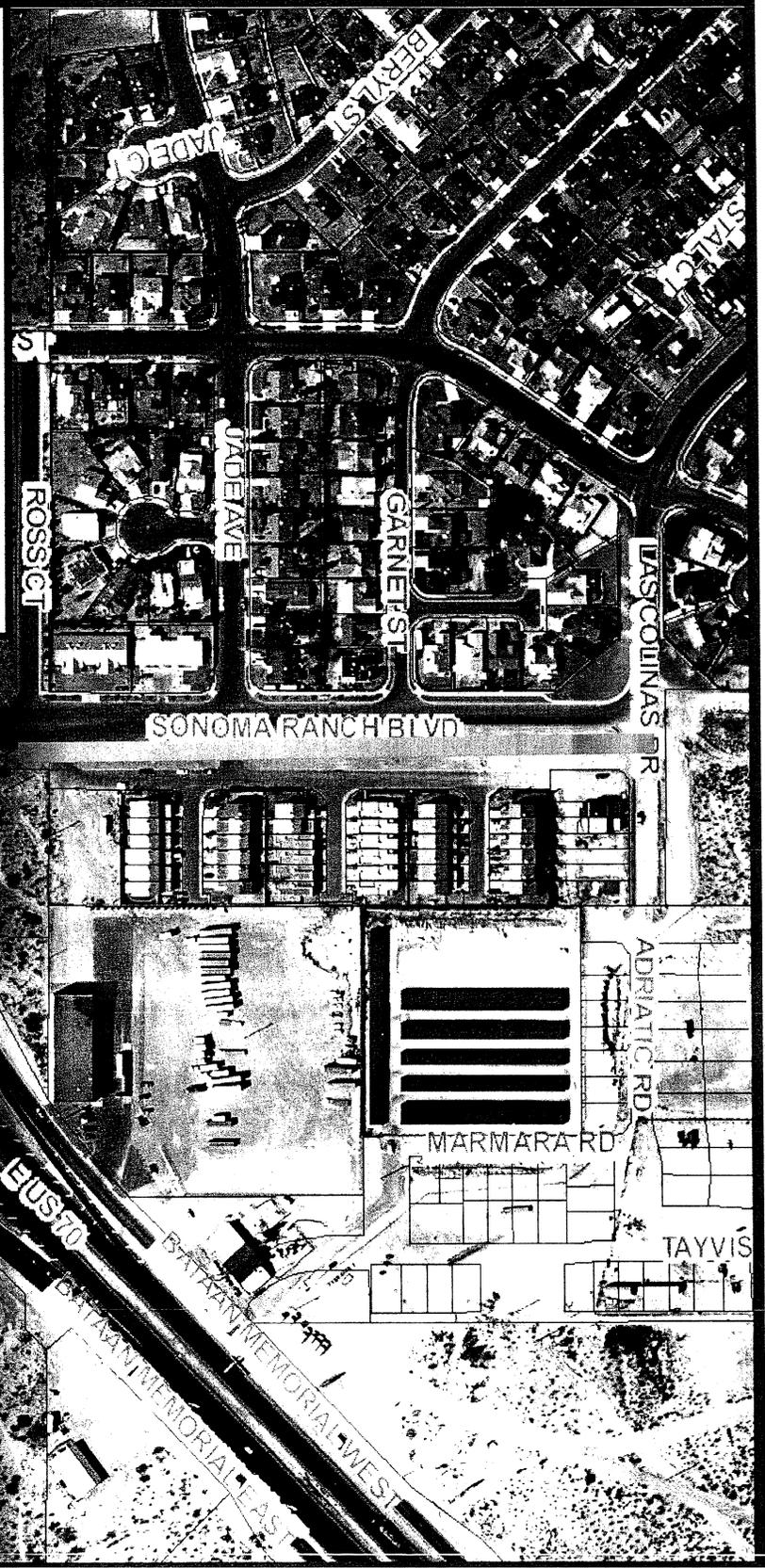
SCOPE OF WORK: Widening of the roadway to include 2 additional lanes in the northbound directions w/ medians and left turn lanes to include; sidewalk, curb & gutter, hot mix asphalt paving, base course, sub-grade prep, storm drain modifications, street lighting, pavement markings, construction staking, traffic control, and miscellaneous construction.

ROADWAY		\$378,150.00

	CONSTRUCTION TOTAL =	\$378,150.00
	G.R. TAX (7.4375%) =	\$28,124.91
	SUB-TOTAL =	\$406,274.91
ENGINEERING		\$40,000.00
PROJECT MANAGEMENT		\$20,000.00
MATERIALS TESTING		\$10,000.00

	PROJECT TOTAL =	\$476,274.91
	USE =	\$476,000.00
NMSHTD (75%)		\$357,000.00
CITY OF LAS CRUCES (25%)		\$119,000.00

SONOMA RANCH BLVD. FROM ROSS CT. TO LAS COLINAS DR.



OPTION 2

PROJECT TOTAL: \$476,000

NMDOT (75%): \$357,000

CLC (25%): \$119,000



PROJECT LOCATION

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

NMDOT M.A.P. APPLICATION 2010/2011
PROJECT COST ESTIMATE
S. MAIN STREET RECONSTRUCTION FROM ALAMEDA BLVD. TO IDAHO AVE.

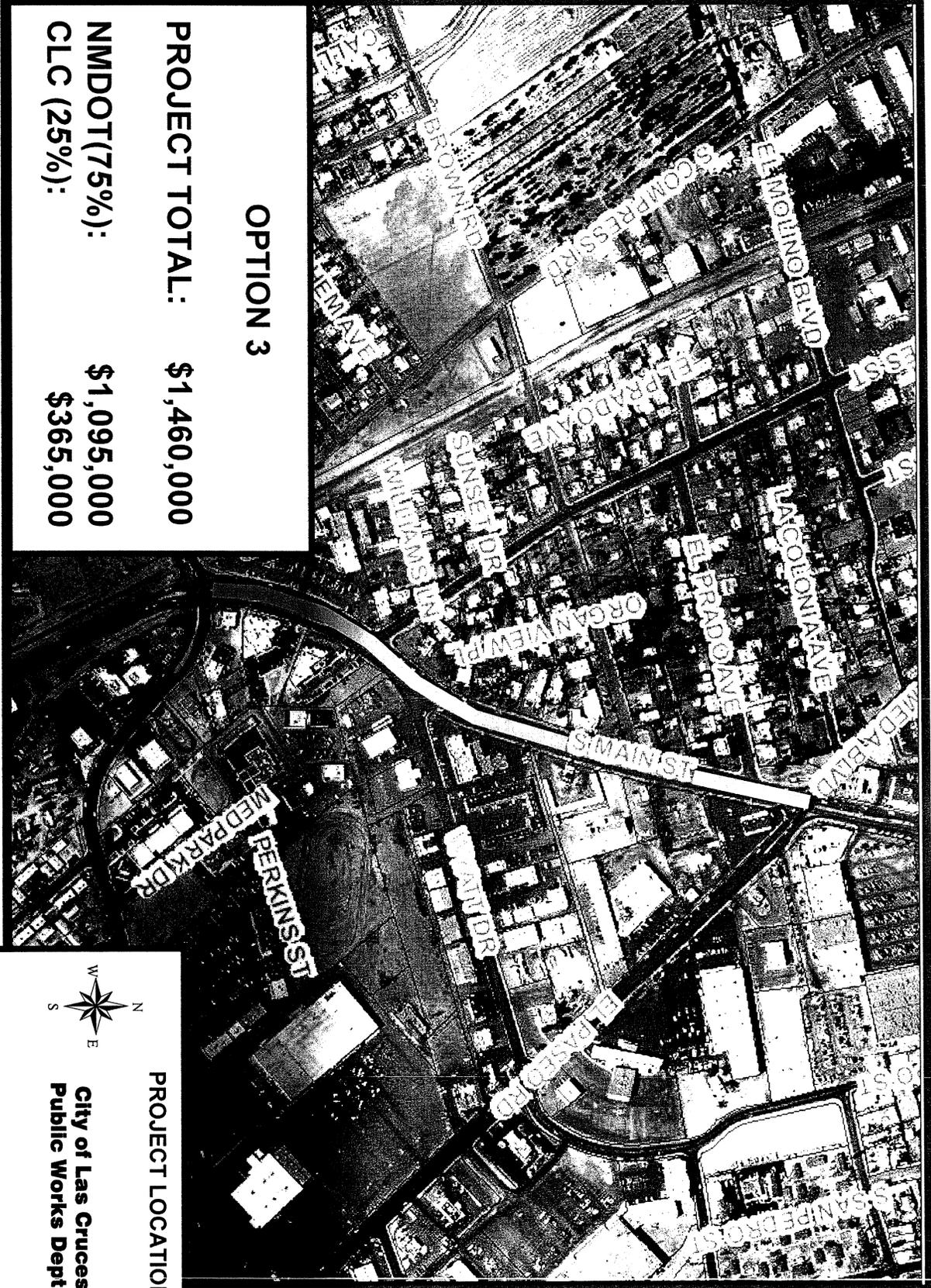
SCOPE OF WORK: Full reconstruction of the roadway to include 2 lanes in each direction with 4' bike lanes and raised medians with left turn lanes. Work to include; sidewalk, curb & gutter, hot mix asphalt paving, base course, sub-grade prep, cold milling, storm drain modifications, street lighting, pavement markings, removals, retaining walls, street lighting, construction staking, traffic control, and miscellaneous construction.

ROADWAY		\$1,156,300.00

	CONSTRUCTION TOTAL =	\$1,156,300.00
	G.R. TAX (7.4375%) =	\$85,999.81
	SUB-TOTAL =	\$1,242,299.81
ENGINEERING		\$125,000.00
PROJECT MANAGEMENT		\$50,000.00
MATERIALS TESTING		\$35,000.00

	PROJECT TOTAL =	\$1,452,299.81
	USE =	\$1,460,000.00
NMSHTD (75%)		\$1,095,000.00
CITY OF LAS CRUCES (25%)		\$365,000.00

S. MAIN ST. RECONSTRUCTION FROM ALAMEDA BLVD TO IDAHO AVE



OPTION 3

PROJECT TOTAL: \$1,460,000

NMDOT (75%): \$1,095,000

CLC (25%): \$365,000



PROJECT LOCATION

City of Las Cruces
Public Works Dept.