



November 03, 2015

SANTA FE COUNTY  
102 GRANT AVENUE  
SANTA FE NM 87504

**SUBJECT: PERMIT#5-DRIVE-038-2015 US 502 Milepost 15-16**

Dear Applicant:

Your request to construct a new access on NM 502 at milepost 15-16, just west of Pojoaque High School for a Solid Waste Collection Center within the New Mexico Department of Transportation (NMDOT) right-of-way has been approved. The regulations and requirements of the New Mexico Administrative Code in Title 18, Chapter 31, Part 6 entitled "State Highway Access Management Requirements" apply. In addition, we are requiring that the following items, which are indicated by an "X", be strictly complied with

\_\_\_\_\_ The access or median opening shall be used as a residential access or median opening only as stated on the application.

\_\_\_\_\_ The number of residential housing units shall not exceed four (4) on this permit. If at any time in the future the number of residential housing units exceeds four (4) it shall be the responsibility of the property owner to re-apply for a new access or median opening.

X The access shall be used as a commercial access only as stated on the application. If at any time in the future the commercial use changes it shall be the responsibility of the property owner to re-apply for a new access permit.

\_\_\_\_\_ (DRAINAGE CONDITION ONE) A minimum of a twenty-four inch (24") diameter drainage culvert pipe, with concrete end blankets and safety grates, shall be installed beneath the *access*. If a drainage study indicates a larger size pipe is needed then that studies recommendations will determine the appropriate size of the drainage culvert. The transverse slopes, or side slopes, of the access shall be a minimum of 8:1.

X (SPECIAL DRAINAGE CONDITION) See attached documents which address drainage requirements.

\_\_\_\_\_ (DRAINAGE CONDITION TWO) A minimum of a twenty-four inch (24") diameter drainage culvert pipe, with concrete end blankets and safety grates, shall be

**Susana Martinez**  
Governor

**Tom Church**  
Cabinet Secretary

**Commissioners**

**Ronald Schmeits**  
Chairman  
District 4

**Dr. Kenneth White**  
Secretary  
District 1

**David Sepich**  
Commissioner  
District 2

**Keith Mortensen**  
Commissioner  
District 3

**Butch Mathews**  
Commissioner  
District 5

**Jackson Gibson**  
Commissioner  
District 6

installed beneath the *median opening*. If a drainage study indicates a larger size pipe is needed then that studies recommendation will determine the appropriate size of the

drainage culvert. The transverse slopes, or side slopes, of the median opening shall be a minimum of 8:1.

\_\_\_\_\_(DRAINAGE CONDITION THREE) A twenty-four inch (24") diameter drainage culvert pipe, with standard metal end sections, shall be installed beneath the *access*. The transverse slopes, or side slopes, of the access shall be a minimum of 8:1. The culvert shall be located a minimum of twenty-five feet (25') from the edge of the traveled roadway.

  X   The access width shall be no greater than twenty five feet (25').

\_\_\_\_\_The median width shall be no greater than

\_\_\_\_\_A compacted gravel surface shall be constructed within the NMDOT right-of-way, which shall meet all current NMDOT material, thickness, and construction requirements.

  X   A paved surface shall be constructed within the NMDOT right-of-way, which shall consist of a crushed aggregate base and either an asphalt surface or a Portland cement concrete surface, which shall meet all current NMDOT material, thickness, and construction requirements.

\_\_\_\_\_The property owner shall be required to replace and repair to NMDOT standards all fences that are removed or damaged during the construction of the access or median opening.

  X   The property owner shall contact the NMDOT District Five-Traffic Section (D5TS) five (5) working days prior to the construction of the access or median opening, and within five (5) working days after the construction has been completed. The access must be constructed within a six (6) month time frame or the permit will be voided, and a new application will be required.

  X   A Construction Traffic Control Plan (TCP) shall be submitted to the NMDOT D5TS for review and approval prior to commencing construction. The TCP shall comply with the *Manual of Uniform Traffic Control Devices* (MUTCD), current edition.

  X   All of the construction expenses will be the responsibility of the property owner.

  X   Improvements to NM 502 shall be constructed per the plans attached by W E Walker Engineering and Development Consultants dated 09/09/2015.

SANTA FE COUNTY  
102 GRANT AVENUE  
SANTA FE NM 87504

If you have any questions regarding this matter please do not hesitate to contact me at  
(505) 995-7802.

Thank you,

  
M S Jawad, P.E.  
Asst. Traffic Engineer  
NMDOT D5TS

JAM

cc: Highway Maintenance Supervisor (4557 )  
Records Management, General Office (B-17)  
File (NM 502 Milepost 15-16)

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SANTA FE COUNTY  
102 GRANT AVENUE  
SANTA FE NM 87504

**DRIVEWAY PERMIT CONSTRUCTION NOTIFICATION FORMS**

The property owner shall complete these forms in order to notify the NMDOT D5TS on the status of all access or median construction activities. The *"Notice of Construction"* shall be mailed or delivered to the NMDOT D5TS five (5) working days prior to the construction of the access or median opening. The *"Notice of Construction Completion"* shall be similarly mailed or delivered to the NMDOT D5TS upon the completion of the access or median opening.

**NEW MEXICO DEPARTMENT OF TRANSPORTATION  
DISTRICT FIVE TRAFFIC SECTION  
P.O. BOX 4127  
SANTA FE, NM 87502-4127**

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**NOTICE OF DRIVEWAY CONSTRUCTION COMPLETION**  
SANTA FE COUNTY  
102 GRANT AVENUE  
SANTA FE NM 87504

**SUBJECT: PERMIT#5-DRIVE-038-2015 NM 502 Milepost 15-16**

The access or median opening construction was completed on

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**(Must be received five (5) working days after your actual construction completion date.)**

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**NOTICE OF DRIVEWAY CONSTRUCTION**  
SANTA FE COUNTY  
102 GRANT AVENUE  
SANTA FE NM 87504

**SUBJECT: PERMIT#5-DRIVE-038-2015 NM 502 Milepost 15-16**

The access or median opening construction will begin on

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**(Must be received five (5) working days before your actual construction date)**

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**WARNING: Failure to properly notify the NMDOT D5TS, concerning your access or median opening construction activities, may be grounds for revocation of the access or median opening permit. THIS PERMIT WILL EXPIRE ON May 03, 2016. IF WORK DOES NOT COMMENCE BY THAT DATE. REAPPLICATION WILL BE REQUIRED!**

APPLICATION FOR PERMIT TO CONSTRUCT AN ACCESS OR MEDIAN OPENING ON  
PUBLIC RIGHT-OF-WAY

District No. 5 Department Use Only  
Permit No. 2015-038 State Highway No. NM502  
Project No. \_\_\_\_\_ Station No.(s) \_\_\_\_\_ Mile Post(s) 15-16  
Posted Speed 55 Highway ADT 6297 Sight Distance clear  
Type of Vehicle Heavy vehicle Estimated Driveway ADT \_\_\_\_\_

TO: NEW MEXICO DEPARTMENT OF TRANSPORTATION  
ATTN: DISTRICT ENGINEER

Deming  Roswell  Albuquerque  Las Vegas  Santa Fe  Milan

Application is hereby made by Santa Fe County, 102 Grant Avenue, Santa Fe,  
NM 87504 (Owner of Property) (Mailing Address)  
to develop or redevelop a solid waste collection center with the  
(Type of Development)

estimated driveway ADT as listed above, for permission to construct ( ) access(es), or ( ) median opening(s) or to ( ) modify or transfer an existing lawful access permit, and/or ( ) to upgrade an existing illegal access to a lawful access at the following described location:  
South side of State Highway 502 between mile marker 15 and 16, just west of Pojoaque High School.

in Santa Fe County, on State Highway 502 in accordance with the attached plan or sketch. Work will commence on or about 12/1/15 and will require approximately 90 days.  
(month, day, year)

The proposed driveway or median opening must be located, designed and constructed in accordance with 18.31.3 NMAC, State Highway Access Management Requirements. A Gate ( ), Cattle Guard ( ), Additional Fence ( ), Drainage Structure ( ), will be required which owner agrees to furnish and hereafter maintain in good repair and closed to livestock. The applicant shall submit a construction traffic control plan for approval. The owner will protect, indemnify, and hold the New Mexico Department of Transportation harmless from any injury or damage caused the owner, or third parties, by owner's failure to comply with the above. If this permit is granted, owner further agrees to comply with all condition, restrictions, and regulations of the New Mexico Department of Transportation. If not constructed, this permit will expire six (6) months from the date of issue unless otherwise noted and approved. The permittee shall notify the District Engineer of the pending construction at least three (3) working days prior to any construction, and upon completion, which shall be within 45 days of initiation of construction. The permittee, his or her heirs, successors-in-interest, assigns, and occupants of the property serviced by the access shall be responsible for the repair and maintenance of the access beyond the dge of the roadway including any cattle guard and gate, and the removal of snow or ice upon the access even though deposited on the access in the course of the Department snow removal operations. Any work in state highway right-of-way must be approved in writing by the Department prior to initiating the work.

Place (Of Notary) [Signature]  
Sworn to and subscribed before me this 9  
Day of September, 20 15  
My commission expires 12/19/2016  
(Notary Public)

[Signature]  
(Owner's Signature)  
By JOSEPH MARTINEZ  
Title PROJECT MANAGER  
Owner's Phone No. 992-3014



Department Use Only  
 Permission granted this 03 day of November, 2015, subject to the above stated conditions and the following additional requirements (attach separate sheet as required.)

Deviation from the stated conditions or the approved sketch may be grounds for revocation.

**Distribution:**  
 Original: G.O. Files  
 Copies: District Engineer  
 Applicant  
 PECOS, NM Traffic Services Engineer

**NEW MEXICO DEPARTMENT OF TRANSPORTATION**

By M. Jawad 11/03/2015  
 (District Engineer or Designee)  
 Title Asst. District Traffic Engineer (Engineer) DS

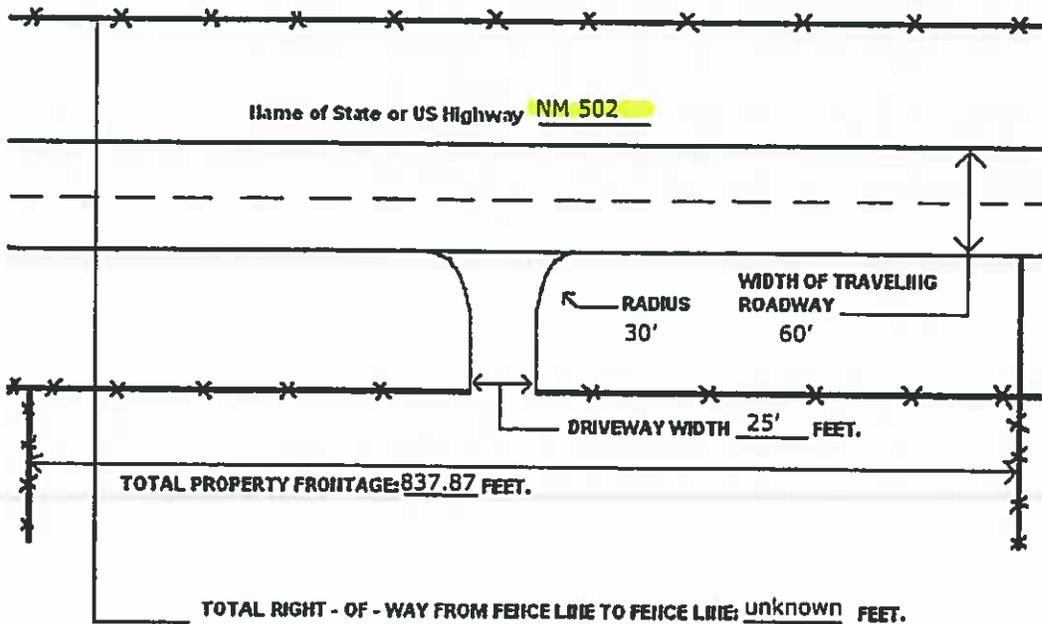
ACCESS INFORMATION		
NAME: Santa Fe County		
ADDRESS: 102 Grant Avenue		
CITY: Santa Fe	STATE: NM	ZIP: 87504
COUNTY: Santa Fe	PHONE: 505 992 3014	

1. ROUTE No. (S.R./US): <u>502</u>	State Road <u>502</u>
2. LOCATION (NEAREST MILEPOST) betw. <u>15</u> and <u>16</u> Mile Post	
3. ACCESS WIDTH: <u>25'</u>	
4. LENGTH OF PROPERTY FRONTAGE: <u>837.87'</u>	
5. ACCESS TYPE (commercial/residential/other): public (waste collection center)	
6. ACCESS RADIUS: <u>30'</u>	
7. GATE/CATTLE GUARD/OTHER: none	
8. TYPE OF SURFACE MATERIAL: asphalt	

*****FOR OFFICIAL USE ONLY*****	
1. POSTED SPEED:	<u>55</u>
2. SIGHT DISTANCE:	<u>clear</u>
3. DRAINAGE:	<u>see Attached Report</u>
4. CULVERT SIZE:	<u>see Attached Report</u>
5. CONC. END BLANKETS:	
6. R.O.W. TO R.O.W. WIDTH:	
7. DRIVING LANE WIDTH: <u>12</u>	SHOULDER WIDTH:
8. HIGHWAY A.D.T.: <u>6297</u>	ESTIMATED ACCESS A.D.T.:

SPECIAL NOTES AND/OR CONDITIONS

STANDARD TYPE DRIVEWAY DRAWING



**THE ABOVE DRAWING IS TO BE USED ONLY AS A GUIDE IN ACCOMPLISHING A DRAWING OF YOUR OWN**

1. Type of Access:  Residential,  Commercial,  Other
2. If Commercial, type of business public building
3. If Other, describe waste collection center
4. Speed limit for the area: 55
5. Location to the nearest mile post: between 15 and 16
6. Sight distance for the area: 200'
7. Will surface be gravel or better:  Gravel  Asphalt  other (please specify)
8. Type of drainage if any: culvert under driveway
9. Concrete End Blankets required:  Yes  No

**NOTES:**



### **Environmental Clearance for Undertakings within NMDOT Rights-of-way**

In order to receive environmental clearance for permitted projects in highway rights-of-way the following information will need to be submitted to the NMDOT Environmental Development Section. Submittals (usually) are reviewed Tuesday of each week. Submittals received on Tuesday will not be reviewed until the following Tuesday. Emergency requests are handled on a case-by-case basis.

**1. Purpose and Nature of undertaking.** Describe the undertaking along with width, length and depth of ground disturbance. Include the methods and machinery to be used.

The access driveway is for a waste transfer station (approximately 6700 sf building with associated outdoor areas). The driveway is 25' wide (one lane in each direction, striped, paved with asphalt) with 30' radii meeting NM 502.

**2. Is your project resulting from a NMDOT project?** If so, provide the control and/or project number.

Not a DOT project

**3. Funding source.** Is the funding private, state, or federal? If state and/or federal, list agency(s)  
Santa Fe County, Gross Receipts Tax

**4. Land status.** Is the project on right of way owned by BLM, Forest Service, Tribal land, or State Trust land? (NMDOT does not own all highway rights of way!)

The project is on the Jacona Land Grant (tribal) and has been leased to the County

**5. Permitting agencies.** List other permitting agencies involved besides NMDOT.

The project has gone through Conty CDRC. It will be permitted by County Land Use and CID.

**6. County.** List the county or counties in which the project is located.

Santa Fe County

**7. Highway number.** Indicate the highway the project will cross or parallel.

New Mexico Highway 502

**8. BOP and EOP.** Provide the milepost locations for the beginning of the project area (BOP) and the end of the project area (EOP). If highway crossing only, list the milepost location. Indicate BOP and EOP on quadrangle maps as well.

Mile post 15

**9. Side(s) of the road.** Indicate on which side of the road the project will be located using cardinal directions (north, south, east, west). List all project crossings of the highway by milepost.

South

*Environmental Clearance for Undertakings within NMDOT Rights-of-way, continued*

10. **Length** of the project. Indicate the length of the project within NMDOT right of way in terms of feet and/or miles.

837.87 ft. frontage

Width of driveway is 25', 85' as it meets the highway.

11. **Provide the legal description** of the project area: Township, Range, and Section(s).

T 19N R8E Section 15 and Jacona Land Grant

12. **USGS 1:24,000 (7.5') Quadrangle map.** List the name(s) of the USGS quadrangle map(s) on which the project is located.

Española NM

13. Include the appropriate portion of the **USGS 1:24,000 (7.5') Quadrangle map(s)** with the project area indicated by an X if a crossing, or **BOP** and **EOP** if linear. Quad map images can be printed at no charge from the map locator/downloader page at the USGS store at:

<http://store.usgs.gov/>

Google Maps of the project location are also acceptable **if** the background image is the satellite photo and **if** you are sending your request electronically: <http://maps.google.com/>

14. **Include your:**

**Name:** Joseph Martinez

**Company** (if applicable): Office of Archaeological Studies

**Phone #:** 505 992 3014

**Fax #:** 505 992 9869

**Email address** (preferred): [jjmartinez@santafecountynm.gov](mailto:jjmartinez@santafecountynm.gov)

15. **Do not** send photos (including aerial photos or photo maps) unless they are scanned or sent via US Mail. Faxed photos come out entirely black.

16. Submit your requests by email, by fax, **OR** by mail.

Send in one format only – Please **do not** send in multiple formats.

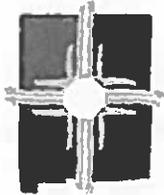
Send clearance requests to:

**Gary Funkhouser**, NMDOT - Environmental Development  
P.O. Box 1149  
Santa Fe, NM 87504-1149

Physical address:

1120 Cerrillos Road, Room 206  
Santa Fe, NM 87505-1842  
(for FedEx or UPS the ZIP code is 87505)

**Fax:** 505-827-3243; **Phone:** 505-827-5692; **Email:** [gary.funkhouser@state.nm.us](mailto:gary.funkhouser@state.nm.us)



**REVIEWED**  
By Gary Funkhouser at 4:02 pm, Sep 01, 2015



**Environmental Clearance for Undertakings within NMDOT Rights-of-way**

ENVIRONMENTAL SURVEY  
NOT REQUIRED  
NMDOT, ENVIRONMENTAL SECTION

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Santa Fe County

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New Mexico Highway 502

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Mile post 15

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South

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Española NM

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**Name:** Joseph Martinez

**Company** (if applicable): Office of Archaeological Studies

**Phone #:** 505 992 3014

**Fax #:** 505 992 9869

**Email address** (preferred): [jjmartinez@santafecountynm.gov](mailto:jjmartinez@santafecountynm.gov)

15. **Do not** send photos (including aerial photos or photo maps) unless they are scanned or sent via US Mail. Faxed photos come out entirely black.

16. Submit your requests by email, by fax, **OR** by mail.  
Send in one format only – Please **do not** send in multiple formats.

Send clearance requests to:

**Gary Funkhouser**, NMDOT - Environmental Development  
P.O. Box 1149  
Santa Fe, NM 87504-1149

Physical address:  
1120 Cerrillos Road, Room 206  
Santa Fe, NM 87505-1842  
(for FedEx or UPS the ZIP code is 87505)

**Fax:** 505-827-3243; **Phone:** 505-827-5692; **Email:** [gary.funkhouser@state.nm.us](mailto:gary.funkhouser@state.nm.us)



## Intra-Departmental Correspondence

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Date: October 27, 2015

TO: Javier A. Martinez, P.E., D5 Traffic Engineer

From: Manuel Maestas P.E., Drainage Engineer

Subject: Santa Fe County Jacona Transfer Station, NM 502

Your request for the Drainage Bureau to review the proposed Santa Fe County Jacona Transfer Station off New Mexico Highway 502 (NM 502) was received on October 23, 2015. The submitted documentation, which includes *a location map, a Stakeout Plan, a Grading and Drainage Plan Sheet, a Detail and construction notes sheet, and a copy of the Jacona Transfer Station Drainage Study* were utilized as well as the USGS NM Quadrangles and Google imagery to develop the following opinions:

- 1) Based on current imagery of the area and the drainage study the current land use of the proposed site is undeveloped. Located on the south side of NM 502, the development will be placed on a tributary to the Manuela Arroyo and partially within the Manuela Arroyo watershed. The Manuela Arroyo and the tributary converge approximately 800 linear feet downstream of the outlet of the tributaries NM 502 drainage structure.
- 2) The surface flow of the area drains northward. The south end of the proposed site consists of mostly sheet flow northward and as you get closer to NM502 the flow regime quickly turns to concentrated flow in defined flow paths. The west side of the proposed site consists of a hill that separates flow from the Manuela Arroyo (to the west) from the tributary. The runoff going westward also starts off as sheet flow but quickly becomes concentrated in defined flow paths.
- 3) Currently there is a culvert under NM 502 that was designed to convey flow from the 50 year storm event and checked to ensure the runoff produced by the 100 year storm event could also be conveyed per the drainage design criteria stated by NMDOT. The Drainage Study consists of analysis of the detention pond located within the project site however it does not address the changes made to the 42" CMP culvert under NM 502. What is the existing and proposed capacity of the culvert? Provide the existing and proposed peak flow of the whole watershed contributing runoff to the culvert, as well as the data used to determine the peak flow (NOAA data, watershed boundaries, etc.)
- 4) The Grading and Drainage plan calls for a MDI with an 18 inch culvert to be installed and connected to the existing 42 inch CMP crossing NM 502. The 18 inch culvert needs to be no smaller than a 24 inch culvert.

- 5) The Grading and Drainage plan sheet and the Stakeout Plan sheet show different drainage configurations. Please clarify which configuration is to be built. Also Correct the Drainage study to reflect the correct data. Currently the Drainage Calculations indicate the pond has a 20" drain which is what the Stakeout plan shows not the Grading and Drainage plan.
- 6) The south end of the proposed site appears to be diverting offsite flow to the Manuela Arroyo. How much flow is being diverted and is the diversion channel sized appropriately.

It is recommended that the necessary computations and requests stated above be addressed and submitted for review and accepted before an access permit is provided.

If you have any question or concerns please feel free to call me at (505) 827-5623.

Sincerely,



Manuel Maestas, P.E.

ec: Ted Barber, P.E.  
Drainage Bureau Manager

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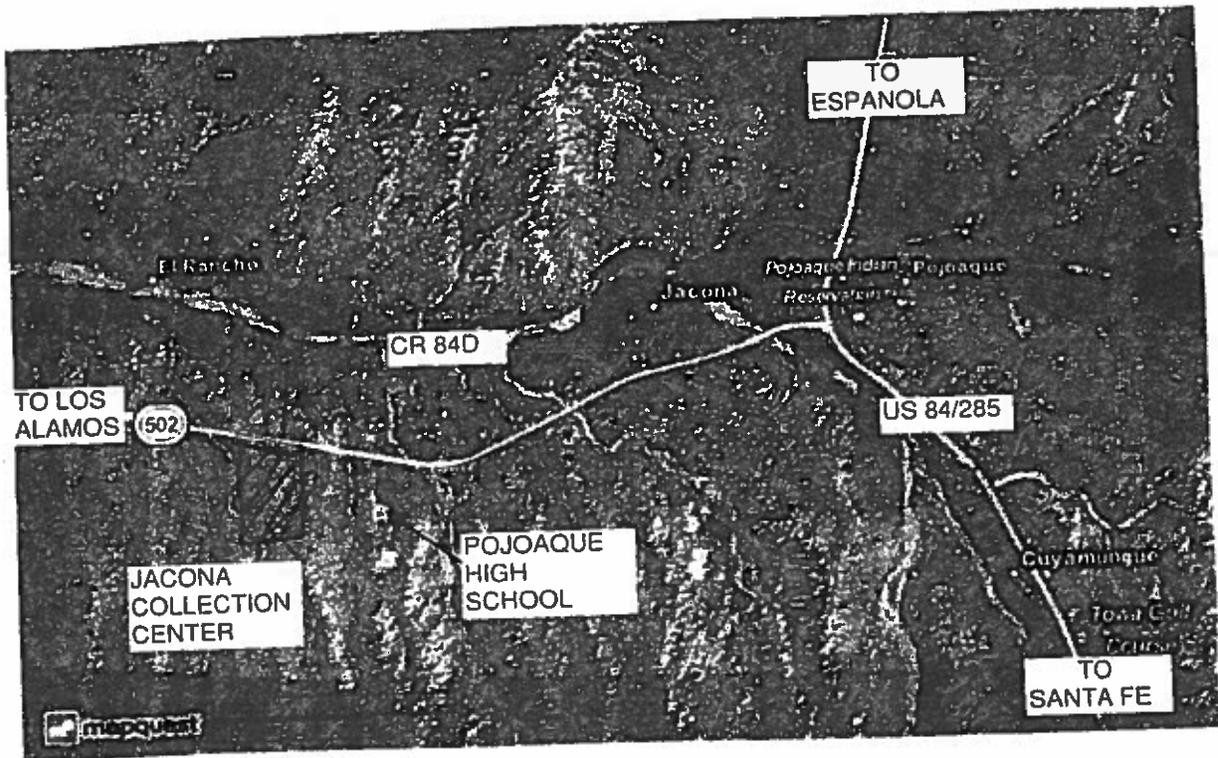


FIGURE 1  
VICINITY MAP

**JACOMA COLLECTION CENTER**

Civil Engineering • Water Resources • Traffic Engineering

**W•E Walker Engineering**

505-820-7990  
FAX 505-820-3330

905 Camino Sierra Vista • Santa Fe, NM 87501

NM 502

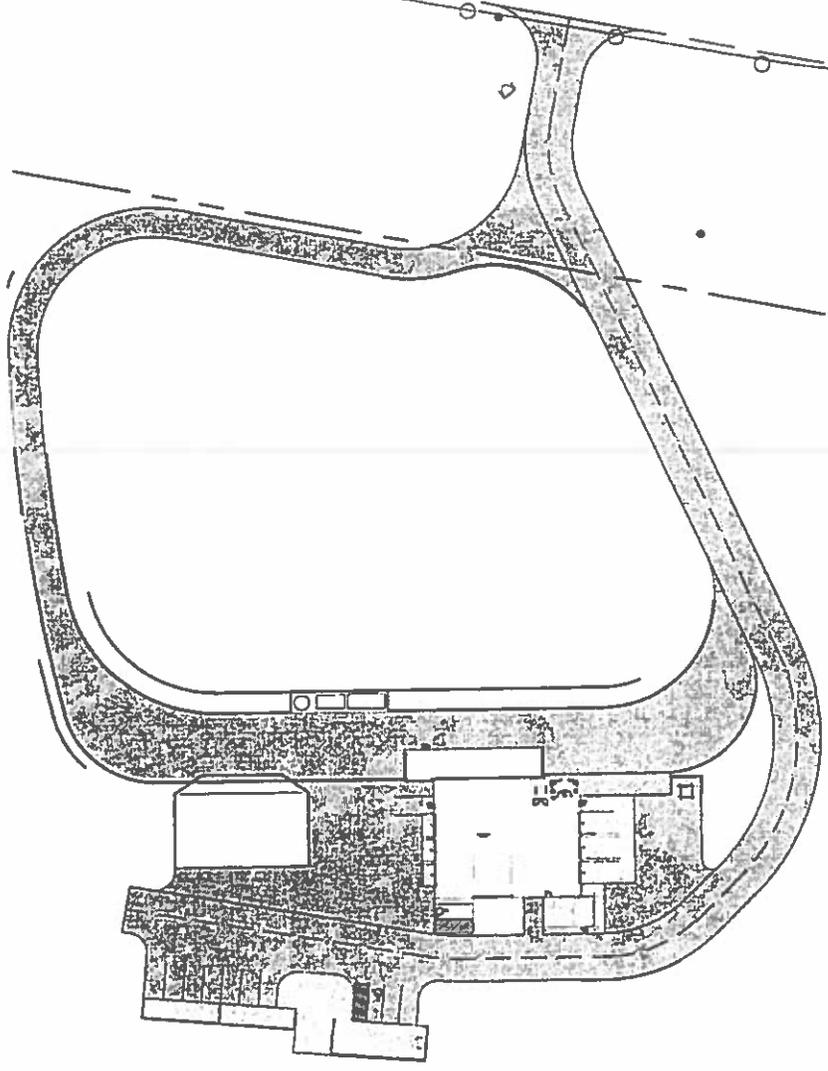


FIGURE 2  
SITE PLAN

JACOMA COLLECTION CENTER

Civil Engineering • Water Resources • Traffic Engineering

**W•E** Walker Engineering

505-820-7990  
FAX 505-820-0539

905 Camino Sierra Vista Santa Fe, NM 87501