GAVILAN CANYON ROAD

ROAD REHABILITATION
INTERSECTION OF GAVILAN CANYON ROAD AND NM HWY 48

LINCOLN COUNTY, NEW MEXICO
MAY 17th, 2022

LOCATION MAP

VICINITY MAP

FLOOD NOTE
This project is located in a "D" zone, an area of minimal flood hazard as described in FEMA FIRM Map Number 35015C1325D with an effective date of June 4, 2010.

LOCATION MAP

VICINITY MAP
GENERAL NOTES

1. NEVADA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (ADAPTED FOR NAVAJO AND BISMARK CONSTRUCTION) CURRENT EDITION SHALL APPLY TO THIS PROJECT.

2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO PERFORM WORK WITHIN THE STATE RIGHT-OF-WAY.

3. WITHIN THE LIFE OF THE PROJECT, CONTRACTOR SHALL APPEAR, LOCAL NEIGHBORS, AND LANDOWNERS OF ANY OF THE ABOVE_CLASSES OF PEOPLE MAY REMOVE THE NORMAL FLOW OF TRAFFIC. THE CONTRACTOR SHALL REPORT ANY SUCH CLOSURE AT LEAST AS HOURS IN ADVANCE. THIS SHALL BE CONSIDERED IS A CLOSURE AND MEASUREMENT OR PAYMENT WILL BE MADE THEREON.

4. ACCESS TO LOCAL BUSINESS AND RESIDENTS SHALL BE ENSURED ON AS MUCH OF THE VARIOUS TIMES AS POSSIBLE. ACCESS CLOSURE MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE WITH PROPERTY OWNERS AND APPROVED BY ENGINEER. ACCESS FOR FIRE PROTECTION AND EMERGENCY SERVICES MUST BE PLANNED AT ALL TIMES. SCHEDULES FOR THE RELEASE OF WORK WILL BE DETERMINED BY THE SITE CONSTRUCTION OFFICE. ADDITION TO, SUPPLEMENTAL SCHEDULES MAY BE REQUIRED FOR THE PROJECT PROGRESS AS REQUESTED BY ENGINEER.

5. CONTRACTOR TO COORDINATE WITH LOCAL POLICE OFFICERS AND COMMERCIAL TRAFFIC PICK-UP.

6. CONTRACTOR SHALL HAVE PERSONAL AUTO INSURANCE AT LEAST AS REQUIRED TO PROTECT AND MAINTAIN TRAFFIC CONTROL DEVICES AS DIRECTED BY THE PROJECT ENGINEER. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK, BUT SHALL BE CONSIDERED INCIDENTAL TO THE INFRASTRUCTURE TRAFFIC PATTERN AND MANAGEMENT.

7. ALL CONSTRUCTION TRAFFIC CONTROL IN THIS CONTRACT SHALL BE PERFORMED WITH HIGH REFLECTIVE (A) TYPE II OR III SHEETING OR BETTER. TYPE II REFLECTIVE SHALL BE TYPE I OR III SHEETING.

8. MAINTENANCE AND REPLACEMENT OF DAMAGES OR DIRTIER TRAFFIC CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF CONTRACTOR. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

9.实施Traffic Risks shall be handled as written in the contract agreement. Any change or addition to the contract agreement shall be made in writing and signed by both parties.

10. CONTRACTOR SHALL CORRESPOND TO THE CITY, COUNTY, STATE, AND REGIONAL JURISDICTIONS IN ACCORDANCE WITH GOVERNMENT REGULATIONS AND STATE LAW.

11. CONTRACTOR SHALL OBTAIN AND USE SURVEYOR’S MARKS, CONTROL POINTS, AND OTHER CONTROL INFORMATION AS PROVIDED IN THIS DOCUMENT. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE SURVEY INFORMATION TO THE CITY AND SHALL KEEP A COPY OF THE SURVEY INFORMATION AT ALL TIMES.

12. CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS.

13. CONTRACTOR SHALL, AT ITS EXPENSE, REFERENCE AND RESTORE ACCIDENTALLY DESTROYED RIGHT-OF-WAY AND PROPERTY MARKS IN ACCORDANCE WITH GOVERNMENT REGULATIONS AND STATE LAW. THE WORK SHALL BE PERFORMED BY A LICENSED PROFESSIONAL SURVEYOR.

14. CONTRACTOR TO PROTECT AND MAINTAIN ANY EXISTING FIRE STEAMER LINES OR WATER MAINS ALONG THE CONSTRUCTION LIMITS OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE SURVEY INFORMATION TO THE CITY, COUNTY, AND STATE.

15. CONTRACTOR SHALL, AT ITS EXPENSE, RESTORE AND REPAIR ANY DAMAGE CAUSED DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE SURVEY INFORMATION TO THE CITY, COUNTY, AND STATE.

16. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.

17. CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS.

18. CONTRACTOR SHALL, AT ITS EXPENSE, REFERENCE AND RESTORE ACCIDENTALLY DESTROYED RIGHT-OF-WAY AND PROPERTY MARKS IN ACCORDANCE WITH GOVERNMENT REGULATIONS AND STATE LAW. THE WORK SHALL BE PERFORMED BY A LICENSED PROFESSIONAL SURVEYOR.

19. CONTRACTOR SHALL, AT ITS EXPENSE, RESTORE AND REPAIR ANY DAMAGE CAUSED DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE SURVEY INFORMATION TO THE CITY, COUNTY, AND STATE.

20. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.

21. CONTRACTOR SHALL COMPLY WITH SWPPP TO ENSURE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY DOES NOT WASH OFF THE PROJECT SITE.

22. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.

23. CONTRACTOR SHALL CONFINE ITS OPERATIONS TO THE CONSTRUCTION LIMITS OF THIS PROJECT AND WILL BE HELD RESPONSIBLE FOR ANY AGREEMENTS NECESSARY OR DAMAGE CAUSED BY ITS EQUIPMENT TO PUBLIC OR PRIVATE PROPERTY.

24. CONTRACTOR SHALL, AT ITS EXPENSE, REFERENCE AND RESTORE ANY DAMAGE CAUSED DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE SURVEY INFORMATION TO THE CITY, COUNTY, AND STATE.

25. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.

26. CONTRACTOR SHALL CONFINE ITS OPERATIONS TO THE CONSTRUCTION LIMITS OF THIS PROJECT AND WILL BE HELD RESPONSIBLE FOR ANY AGREEMENTS NECESSARY OR DAMAGE CAUSED BY ITS EQUIPMENT TO PUBLIC OR PRIVATE PROPERTY.

27. CONTRACTOR SHALL, AT ITS EXPENSE, RESTORE AND REPAIR ANY DAMAGE CAUSED DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE SURVEY INFORMATION TO THE CITY, COUNTY, AND STATE.

28. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.

29. CONTRACTOR SHALL CONFINE ITS OPERATIONS TO THE CONSTRUCTION LIMITS OF THIS PROJECT AND WILL BE HELD RESPONSIBLE FOR ANY AGREEMENTS NECESSARY OR DAMAGE CAUSED BY ITS EQUIPMENT TO PUBLIC OR PRIVATE PROPERTY.

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34. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.

35. CONTRACTOR SHALL CONFINE ITS OPERATIONS TO THE CONSTRUCTION LIMITS OF THIS PROJECT AND WILL BE HELD RESPONSIBLE FOR ANY AGREEMENTS NECESSARY OR DAMAGE CAUSED BY ITS EQUIPMENT TO PUBLIC OR PRIVATE PROPERTY.

36. CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY ENGINEER.
1. **EXISTING TYPICAL ROADWAY SECTION 1 - NM HWY 48**
   STA: 3+44.94 TO STA: 3+95.68 & STA: 10+63.08 TO STA: 11+53.08

2. **EXISTING TYPICAL ROADWAY SECTION 1 - GAVILAN CANYON RD**
   STA: 2+15.39 TO STA: 2+40.39

**Legend**
- Asphalt Paving
- Base Course
- Compacted Subgrade

**Project Details**
- Project Number: 2016.1194
- Lincoln County, New Mexico
- Intersection of Gavilan Canyon Rd and NM Hwy 48
- Road Rehabilitation

**Drawn by**: David Roybal, P.E.
**Project Engineer**: Teodoro Cano-Mota, P.E. (TCM, BIF)

**Revisions**
- No.
- Date: 6/21/2022

**Existing Typical Roadway Section**
- 1 - NM HWY 48
  - STA: 3+44.94 TO STA: 3+95.68 & STA: 10+63.08 TO STA: 11+53.08

- 2 - GAVILAN CANYON RD
  - STA: 2+15.39 TO STA: 2+40.39

**Existing TYPICAL ROADWAY SECTION**
- Shoulder
- Surfacing
- Taper
- Existing Ground

**Dimensions**
- 6" Asphalt Paving (Estimated)
- 6.00" Compacted Subgrade (Estimated)
- 8.00" Base Course (Estimated)
NOTE:
TYPICAL CUT SLOPES
4:1

NOTE:
TYPICAL FILL SLOPES
1.00' MIN.

SHOULDER
12'

DRIVING LANE
2.48' - 12'

SURFACING TAPER
VARIES
12'

SHOULDER
1'

DRIVING LANE
7.61' - 12'

SURFACING TAPER
VARIES
1. Saw cut existing asphalt
2. Remove existing asphalt pavement
3. Existing gas line to remain in place. Contractor to coordinate with utility owner as needed during construction.
4. Remove existing delineators.
5. Remove and replace existing culvert and end sections.
6. Remove and replace existing "STOP" sign. See sheet 7-1 for relocation notes.
7. Remove and replace existing "WILD HORSE" sign.
8. Existing fence to remain in place.
9. Remove and replace existing "NO PARKING" sign. See sheet 7-1 for relocation notes.
10. Light pole to remain in place.
11. Existing telecom/data line to remain in place. Contractor to coordinate with utility owner as needed during construction.
12. Remove and salvage existing "GAVILAN CANYON" street sign. See sheet 7-1 for relocation notes.
13. Existing guardrail to remain in place.

All underground utilities shown on this plan are approximate locations. Existing location and depth to be field verified by contractor and/or utility owner.

Utilities:
- Gas: Zia Natural Gas
  - Contact: Sal Cortez
  - Phone: (575) 378-4277
- Telecom/Data: Windstream Holdings
  - Contact: Bo Nelson
  - Phone: (575) 630-2000
PROFILE VIEW, 1298 GAVILAN CANYON RD

PROFILE STA 0+00.00 TO STA 0+75.00

LEGEND

FINISH GRADE 1.0' CONTOUR
EXIST. GRADE 10.0' CONTOUR
GRADING LIMITS CUT
DITCH FLOWLINE
CENTERLINE ALIGNMENT
SURFACE BOUNDARY
TOP OF PIPE
TOP-
BOTTOM OF PIPE
BOP-
TOP OF ASPHALT
TOA-
RIGHT-OF-WAY
•

EDGE OF ROAD
STA. 0+24.51
ELEV = 7393.13'

CENTERLINE
STA. 0+00.01
ELEV = 7393.56'

END OF CONSTRUCTION
STA. 0+66.25
ELEV = 7396.66'

KEY NOTES:

1. CONSTRUCT ASPHALT DRIVEWAY PER DETAIL 3, SHEET 2-6
2. CONSTRUCT GRAVEL DRIVEWAY PER DETAIL 2, SHEET 2-6
3. CONSTRUCT PAVEMENT PER SHEET 2-1

NOTE: All construction shall be to RCP specifications.

PROJECT DESIGNER:
DAVID ROYBAL, P.E.
TEO CANO-MOTA, P.E.

DRAWN BY:

TYPE OF PLAN:
GRADING PLAN
PROJECT NAME:
DRIVEWAY PROFILES
CLIENT:
GAVILAN CANYON ROAD
ROAD REHABILITATION
IMPROVEMENTS
AT HWY 48
INTERSECTION
LINCOLN COUNTY
NEW MEXICO

SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 1'

SHEET:
4-
2

DATE:
6/21/2022

DESCRIPTION:

REV.

PROJECT NUMBER:
2016.1194

KEY WORDS:

6/21/2022
NOTES:

- All temporary traffic control devices shall be install per NMDOT standard drawings 702-01-1/5 to 702-01-4/5.
- Barrel spacing shall not exceed 30'
NOTES:
- All temporary traffic control devices shall be install per NMDOT standard drawings 702-01-15 to 702-01-45.
MARKINGS FOR CONSTRUCTION: NMDOT 702-01-55

GAVILAN CANYON ROAD
ROAD REHABILITATION

INTERSECTION OF
GAVILAN CANYON RD
AND NM HWY 48

LINCOLN COUNTY
NEW MEXICO

PROJECT NUMBER: 2016.1194

PROJECT DESIGNER: DAVID ROYBAL, P.E.
TEODORO CANO-MOTA, P.E.

LEGEND

REVISIONS

TEMPORARY TRAFFIC CONTROL STANDARD DRAWINGS

6-4
**GAVILAN CANYON ROAD**

**ROAD REHABILITATION IMPROVEMENTS AT HWY 48 INTERSECTION**

**LINCOLN COUNTY**

**NEW MEXICO**

**2016.1194**

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**SHEET NOTES**

1. All permanent signs to be previously proposed signs detailed on this sheet. No permanent signs or markers to be added.
2. Hot thermostatic pavement marking shall be added as required on the property line from existing center line to the property line from new center line with 1/2 inch width. No additional pavement lines are allowed.
3. Additional notes below.

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**DIAGRAM**

- **E.O.P. (NM HWY 82)**
- **B.O.P. (GAVILAN CANYON RD)**
- **STA:3+44.94**
- **STA:0+00.00**
- **STA:11+53.08**
- **STA:2+40.39**
- **STA:8+54.72**
- **STA:9+00.02**
- **PC: 7+33.63**
- **PC: 8+54.72**
- **PC: 9+00.02**
- **PT: 5+29.98**
- **PT: 9+88.41**
- **W11a-2-36**
- **W2-4-36**
- **W4-2R-36**

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**PERMANENT SIGNING AND STRIPING**

- **SPEED LIMIT - 40 MPH SIGN**
- **LANE ENDS SIGN**
- **STOP SIGN**
- **STOP ENDS SIGN**
- **PEDESTRIAN SIGN**
- **ADVANCE INTERSECTION LANE CONTROL**

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**MARKING**

- **HOT THERMOPLASTIC PAINTING - RIGHT LANE DROP ARROW**
- **HOT THERMOPLASTIC PAINTING - LEFT ARROW**
- **HOT THERMOPLASTIC PAINTING - THRU ARROW**
- **HOT THERMOPLASTIC PAINTING - ARROW STICKETS TO WING BAR (X 2)**
- **MARKING - 24" WHITE STOP BAR**
- **MARKING - 6" SOLID WHITE**
- **MARKING - 6" DOUBLE SOLID YELLOW**
- **MARKING - 6" DOTTED WHITE (2' STRIPE, 4' GAP)**
- **MARKING - 6" SOLID WHITE**
- **MARKING - 6" DOUBLE SOLID WHITE**
- **WHITE DOTTED EXTENSIONS (2' STRIPE, 4' GAP)**
- **RETROREFLECTORIZED PAINTED MARKING - RIGHT ARROW**
- **RETROREFLECTORIZED PAINTED MARKING - LEFT ARROW**
- **RETROREFLECTORIZED PAINTED MARKING - THRU ARROW**
- **RETROREFLECTORIZED PAINTED MARKING - 6" WHITE DIAGONAL CROSSHATCH @5'**
- **RETROREFLECTORIZED PAINTED 6" WHITE DIAGONAL CROSSHATCH @ 5'**
- **MARKING - 30" WHITE DOTTED LINE**
- **MARKING - 36" WHITE DIAGONAL CROSSHATCH**

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3. Additional notes below.

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**TECHNICAL DESCRIPTION**

- **Sheet: 2016.1194**
- **Scale: N.T.S.**
- **Project Number: 8**
- **Project Designer:**
  - TEODORO CANO-MOTA, P.E.
  - TCM, BIF, JCD
- **Project Engineer:**
  - DAVID, ROYBAL, P.E.
- **Drawn By:**
  - DAVID, ROYBAL, P.E.

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**DATE:**

- **6/21/2022**