



CITY OF RIO RANCHO  
DEPARTMENT OF FINANCIAL SERVICES  
PURCHASING DIVISION  
3200 CIVIC CENTER CIRCLE NE 3<sup>rd</sup> FLOOR  
RIO RANCHO, NEW MEXICO 87144  
TELEPHONE: 505-896-8769 FAX: 505-891-5762

**ADDENDUM NO (1) ONE**  
**IFB 20-PW-035**  
**Installation of Traffic Signal at Loma Colorado Boulevard and Idalia Road**

June 16, 2020

Addendum Number (1) ONE forms part of the contract documents and modifies them in the manner set forth below.

**ATTENTION CONTRACTORS**

- Revised Bid Opening Date
- Clarification
- Remove and Replace
  - Revised Signal Plans
  - Revised Bid Form

**Revised Bid Opening Date**

Due to the current health concerns and the changing environment in respect to COVID-19 the City is requesting all bid submissions for this project be submitted via email to [aserna-sanchez@rrnm.gov](mailto:aserna-sanchez@rrnm.gov) on June 23, 2020 no later than 2:00 PM MST. The City will conduct the public bid opening and reading of bids received via the GoToMeeting service. A link will be provided on the City's website. Bidders must submit their original bid in a sealed envelope or container via USPS or other mailing service no later than June 30, 2020 to the address specified in the bid document.

**Clarification**

Bid Item 13, Spec. # 750010 Remote Connectivity for Traffic Signal shall include a 5 year plan.

**Remove and Replace**

- Please remove the signal plans that were included in the original bid document and replace with the revised signal plans attached hereto.
- Please remove the original bid form included in the original bid document (pages 53-57) and replace with the revised bid form attached hereto.

As provided on page 55 of the Bid Documents, Bidders shall acknowledge receipt of Addendum Number (1) One. All other provisions of the Contract Documents shall remain unchanged.

CITY OF RIO RANCHO  
STATE OF NEW MEXICO



PURCHASING DIVISION  
3200 Civic Center Circle NE - Suite 300  
Rio Rancho, NM 87144

INVITES YOUR FIRM TO OFFER A BID ON:

**IFB 20-PW-035**  
**Installation of Traffic Signal at Loma Colorado Boulevard and Idalia Road**

AS SPECIFIED IN THE ATTACHED BID DOCUMENTS.

**Bid Submissions will be received until 2:00 P.M. Local Mountain Time**  
**on Tuesday June 23, 2020**

By the  
**Email: [aserna-sanchez@rrnm.gov](mailto:aserna-sanchez@rrnm.gov)**  
**Mailed Originals: City of Rio Rancho**  
**Office of the City Clerk**  
**1st Floor, Room # 150**  
**3200 Civic Center Circle NE**  
**Rio Rancho, NM 87144**

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NAME OF BIDDER/CONTRACTOR

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ADDRESS

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CITY, STATE ZIP CODE

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PHONE

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FAX

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EMAIL

**Complete this form as well as the following forms in their entirety as specified in the Instruction to Bidders to ensure that your bid submission is complete.**

**BID FORM**

This Bid is submitted to the City of Rio Rancho, New Mexico (hereinafter called “OWNER”).

1. The undersigned (hereinafter called “BIDDER”), in compliance with your invitation for bids for the **Installation of Traffic Signal at Loma Colorado Boulevard and Idalia Road**, having examined the drawings and specifications, with related documents, and having examined the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of labor, materials and supplies, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the contract documents at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.
2. **BID SUBMISSION:** The Bidder agrees to perform all of the following Base Work and any/or all Additive Alternate work for the amount(s) submitted for **Installation of Traffic Signal at Loma Colorado Boulevard and Idalia Road** determined as follows:

CITY OF RIO RANCHO

**Installation of Traffic Signal at Loma Colorado Boulevard and Idalia Road**

<u>Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
1	CoRR	12.03F	UTILITY COORDINATION ALLOWANCE	ALLOW	1.00	\$ 7,000.00	\$ 7,000.00
2	NMDOT	511000	STRUCTURAL CONCRETE, CLASS A	CY	2.80		
3	NMDOT	540060	REINFORCING BARS, GRADE 60	LB	51.00		
4	NMDOT	618000	TRAFFIC CONTROL MANAGEMENT	LS	1.00		
5	NMDOT	621000	MOBILIZATION	LS	1.00		
6	NMDOT	701000	PANEL SIGNS	SF	48.00		
7	NMDOT	701100	STEEL POSTS AND BASE POSTS FOR ALUMINUM PANEL SIGNS	EACH	4.00		
8	NMDOT	702700	TEMPORARY SIGNAL SPAN	LS	1.00		
9	NMDOT	702810-SP	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION (S.P. 702-C)	LS	1.00		
10	NMDOT	706230	METER PEDESTAL (COMBINATION)	EACH	1.00		
11	NMDOT	706350	POWER SERVICE INSTALLATION	LS	1.00		
12	NMDOT	709030	RIGID ELECTRICAL CONDUIT 3 INCH DIA.	FT	788.00		
13	NMDOT	711102	SINGLE CONDUCTOR 2	LF	2,268.00		

<u>Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
14	NMDOT	711110	SINGLE CONDUCTOR 10	LF	190.00		
15	NMDOT	750010	REMOTE CONNECTIVITY DEVICE FOR TRAFFIC SIGNAL	EACH	1.00		
16	NMDOT	716701	LED ROADWAY LUMINAIRE	EACH	1.00		
<b>Base Bid Subtotal:</b>							
<b>NMGRT @ 7.6875%:</b>							
<b>Total for Base Bid including NMGRT:</b>							

3. BIDDER acknowledges receipt of the following Addenda:

Addendum No. \_\_\_\_\_ Date \_\_\_\_\_ Addendum No. \_\_\_\_\_ Date \_\_\_\_\_

Addendum No. \_\_\_\_\_ Date \_\_\_\_\_ Addendum No. \_\_\_\_\_ Date \_\_\_\_\_

Addendum No. \_\_\_\_\_ Date \_\_\_\_\_ Addendum No. \_\_\_\_\_ Date \_\_\_\_\_

4. BIDDER agrees that this Bid Proposal may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receipt of bids.

5. If the Contract is to be awarded. OWNER will give the apparent Successful Bidder a Notice of Recommendation to Award within sixty (60) days after the scheduled closing time for receipt of bids.

6. Upon receipt of Notice of Recommendation to Award, BIDDER shall execute the formal Contract Documents within ten (10) days and deliver the Performance Bond, Labor and Material Payment Bond, and Certificates of Insurance as required herein.

7. The attached Bid Security is to become the property of the OWNER, in the event the Agreement and bonds are not executed within the time specified in this Bid Proposal, as liquidated damages for the delay and additional expenses caused to the OWNER.

8. BIDDER hereby agrees to commence Work under this Contract in accordance with the Notice to Proceed from the OWNER and to substantially complete the Project as provided in the Contract Documents within **Thirty (30)** consecutive calendar days after the date Contract Time begins as provided in the Contract Documents.

BIDDER further agrees to pay, as liquidated damages, the amount of **Five Hundred dollars (\$ 500.00)** for each consecutive calendar day thereafter as provided in the Supplementary Conditions.

9. BIDDER hereby declares that the only persons or firms interested in the Bid Proposal as principal or principles is or are named herein and that no other persons or firms than herein mentioned have any interest in the Bid or in the Contract to be entered into; that this Bid is made without collusion with any person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.
10. BIDDER hereby agrees if awarded the Contract, to comply with the Affirmative Action/Equal Employment Opportunity and Nondiscrimination requirements of the Supplementary Conditions and to submit all information and reports required therein.
11. If requested, BIDDER agrees to furnish to the OWNER all information and data necessary for the OWNER to determine the ability of BIDDER to perform the Work.

This Bid is hereby respectfully submitted by:

\_\_\_\_\_  
Name of BIDDER

\_\_\_\_\_  
Federal Tax ID Number

\_\_\_\_\_  
By: Printed Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Bidder's Mailing Address

\_\_\_\_\_  
Bidder's NM Contractor's License  
Number(s) and Classifications(s)

\_\_\_\_\_  
Additional Address Information

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
Contractor's Department of Labor  
Registration Number

\_\_\_\_\_  
Bidder's Telephone Number

\_\_\_\_\_  
Bidder's Fax Number

\_\_\_\_\_  
New Mexico State Corporation  
Commission Number

\_\_\_\_\_  
Bidder's E-Mail Address

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Bidder's Gross Receipts Tax No.

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Bidder's Data Universal Numbering System (DUNS) No.

# LOMA COLORADO IDALIA TEMPORARY TRAFFIC SIGNAL

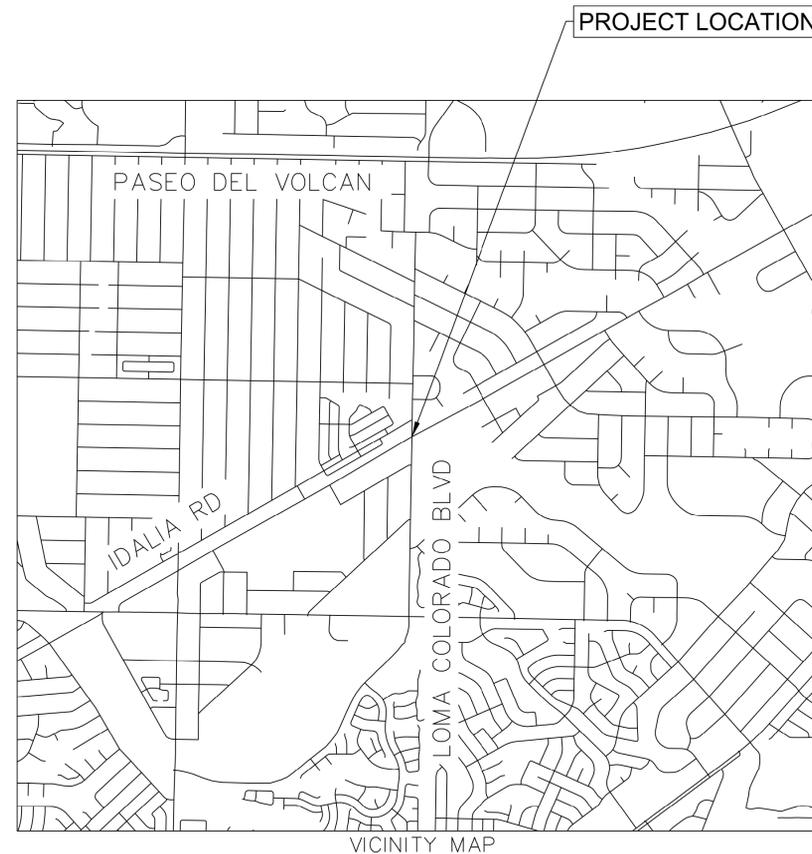
PROJECT NUMBER: PW2028

CITY OF RIO RANCHO  
SANDOVAL COUNTY, NEW MEXICO

## SIGNAL PLANS

**SHEET INDEX:**

- 01 COVER SHEET
- 02 GENERAL NOTES
- 03 SIGNAL NOTES & QUANTITIES
- 04 DESIGN SHEET
- 05 CONDUITS & FUNCTION



CITY OF RIO RANCHO: \_\_\_\_\_ DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

DATE: \_\_\_\_\_



City of Rio Rancho

NO.	DESCRIPTION (OR CHANGE NOTICES)	DATE	BY
7			
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CITY OF RIO RANCHO  
&  
LEE ENGINEERING

IDALIA & LOMA COLORADO  
COVER SHEET



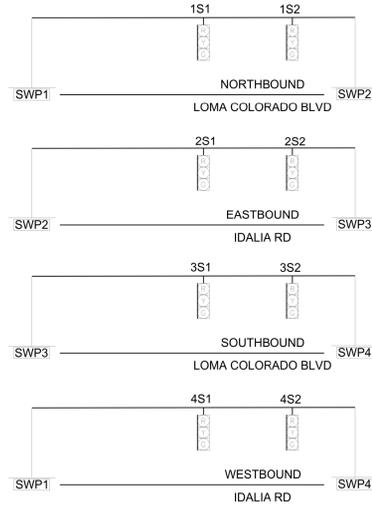
PROJECT NO. PW2028  
DESIGNED BY: J. KRUSE  
DRAWN BY: J. KRUSE  
CHECKED BY: P. BARRICKLOW  
DATE: 06/01/2020  
DPI CHK:

SHEET: 01





**TYPICAL SIGNAL CONFIGURATION BY APPROACH**



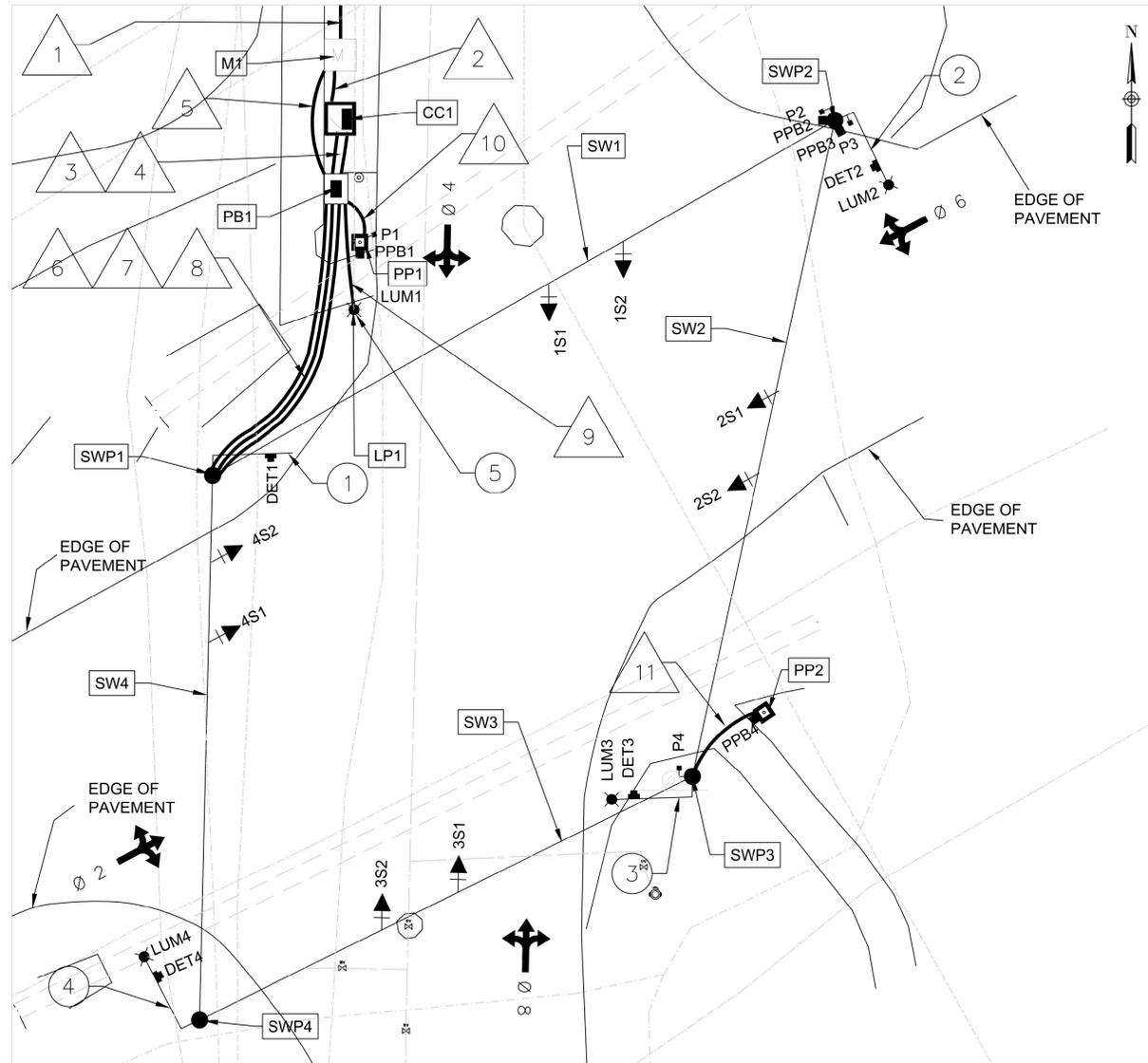
**ABBREVIATIONS**

- LA1 LUMINAIRE ARM NUMBER
- L1 STREETLIGHT POLE NUMBER
- CC1 CONTROLLER CABINET NUMBER
- PB 1 PULL BOX NUMBER (SIGNALS)
- 3S1 SIGNAL HEAD NUMBER
- P1 PEDESTRIAN SIGNAL NUMBER
- SW1 SPAN WIRE NUMBER
- M1 METER
- SWP1 TIMBER POLE - FULLY TREATED NUMBER
- PP1 PEDESTAL POLE NUMBER
- LUM1 LUMINAIRE
- LP1 LIGHTING POLE
- X EXISTING

**INITIALIZATION:**  
PHASE 2 AND 6 GREEN

**KEYED NOTES:**

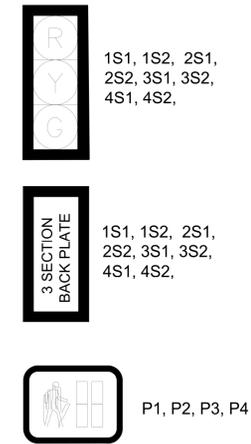
1. MOUNT DET1 ON 10 FT LUMINAIRE ARM
2. MOUNT LUM2 & DET2 ON 10 FT LUMINAIRE ARM
3. MOUNT LUM3 & DET3 ON 10 FT LUMINAIRE ARM
4. MOUNT LUM4 & DET4 ON 10 FT LUMINAIRE ARM
5. MOUNT LUM1 ON EXISTING LIGHTING POLE



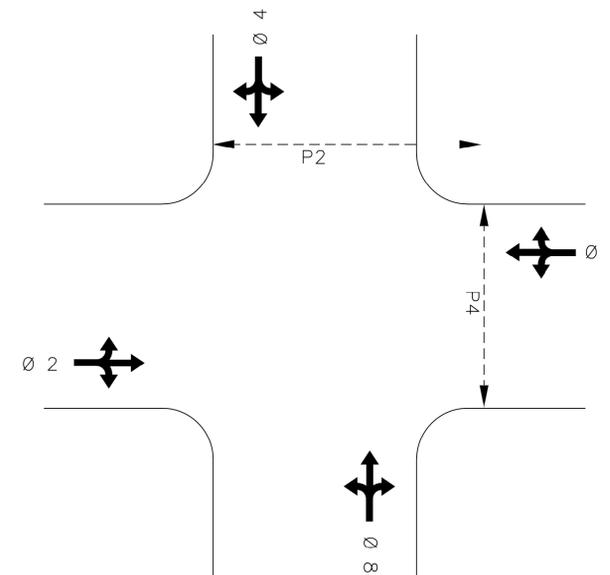
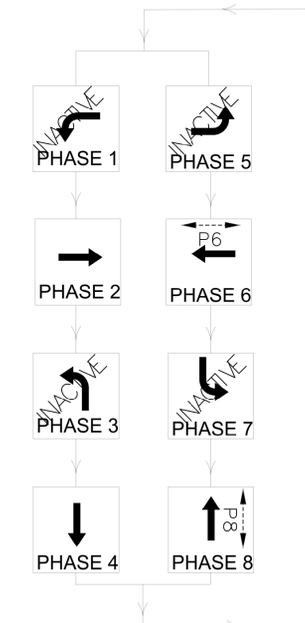
**NOTES**

1. CONTRACTOR SHALL INSTALL CITY OF RIO RANCHO PROVIDED SIGNAL CONTROLLER CABINET ON NEW FOUNDATION.
2. CONTRACTOR SHALL INSTALL NEW METER ON NEW FOUNDATION.
3. CONTRACTOR SHALL INSTALL TIMBER SPAN WIRE POLES SWP1 THRU SWP4 WITH EQUIPMENT ITEMS SHOWN.
4. ITERIS VANTAGE NEXT VEHICLE DETECTOR SHALL BE INSTALLED ON THE LUMINAIRE ARMS
5. 3-SECTION TRAFFIC SIGNAL HEADS SHALL BE INSTALLED ALONG SPAN WIRE.
6. CONTRACTOR SHALL REUSE AND RELOCATE IF NECESSARY EXISTING STREET NAME SIGNS TO MAINTAIN VISIBILITY.
7. CONTRACTOR SHALL REMOVE & SALVAGE STOP SIGNS AND RED REFLECTORS.
8. ALL SPAN WIRE, SIGNS, AND TRAFFIC SIGNAL COMPONENTS SHALL MAINTAIN AT LEAST 20' OF VERTICAL CLEARANCE ABOVE ROADWAY.
9. CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING "STOP AHEAD" SIGNS.
10. CONTRACTOR SHALL INSTALL 36 IN. X 36 IN. W3-3 SIGNAL AHEAD SIGNS 500 FT IN ADVANCE OF THE STOP BARS ON IDALIA RD AND 275 FT IN ADVANCE OF STOP BARS ON LOMA COLORADO BLVD.
11. ITEM 750010 REMOTE CONNECTIVITY FOR TRAFFIC SIGNAL SHALL BE APPLIED INFORMATION AI-500-085-02 SERIES GLANCE PREEMPT & PRIORITY VIDEO CAPABLE FMU SERIES CONTROLLER

**TYPICAL SIGNAL PHASE LENS ARRANGEMENTS**



**SIGNAL PHASING**





City of Rio Rancho

NO.	DESCRIPTION (OR CHANGE NOTICES)	DATE	BY
7			
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CITY OF RIO RANCHO & LEE ENGINEERING

IDALIA & LOMA COLORADO

DESIGN SHEET



PROJECT NO. PW2028
DESIGNED BY: J. KRUSE
DRAWN BY: J. KRUSE
CHECKED BY: P. BARRICKLOW
DATE: 06/01/2020
DPI CHK:
SHEET:

04

CONDUIT AND CONDUCTOR REQUIREMENTS										
CONDUIT LENGTH, SIZE, AND TYPE				CONDUIT FILL BY CONDUCTOR LENGTH AND TYPE						
RUN ID	NEW SIZE	LENGTH	TYPE	REMARKS	MCC5	MCC20	SOC #2	SOC #6	SOC #10	VEHICLE
#	2"	3"	SW		(# @ FT)	DETECTOR CABLE				
1		750		REC SERVICE TO M1			3 @ 750			
2		5		REC M1 TO CC1						
3		5		REC CC1 TO PB1		2 @ 10		2 @ 10		
4		5		REC CC1 TO PB1	1 @ 10					4 @ 10
5		15		REC M1 TO PB1					2 @ 20	
6		55		REC PB1 TO SWP1		2 @ 60		2 @ 60		
7		55		REC PB1 TO SWP1	1 @ 60					4 @ 60
8		55		REC PB1 TO SWP1					2 @ 60	
9		18		REC PB1 TO LP1					2 @ 25	
10		6		REC PB1 TO PP1	2 @ 10					
11		16		REC SWP3 TO PP2	1 @ 50					
SW1			80	SW SWP1 TO SWP2	1 @ 90	2 @ 90		2 @ 90	2 @ 90	1 @ 90
SW1				SW SWP1 TO 4S1	1 @ 11					
SW1				SW SWP1 TO 4S2	1 @ 21					
SWP1				SW SWP1 TO DET1						1 @ 20
SW2			80	SW SWP2 TO SWP3	1 @ 84	2 @ 84		2 @ 84	2 @ 84	
SW2				SW SWP2 TO 1S1	1 @ 31					
SW2				SW SWP2 TO 1S2	1 @ 41					
SWP2				SW SWP2 TO DET2						1 @ 20
SWP2				SW SWP2 TO LUM2					2 @ 20	
SWP2	20			SW SWP2 TO P2	1 @ 20					
SWP2	20			SW SWP2 TO P3	1 @ 20					
SWP2	26			REC SWP2 TO PPB2	1 @ 26					
SWP2	26			REC SWP2 TO PPB3	1 @ 26					
SW3			57	SW SWP3 TO SWP4		2 @ 69		2 @ 69		1 @ 69
SW3				SW SWP3 TO 2S1	1 @ 39					
SW3				SW SWP3 TO 2S2	1 @ 49					
SWP3				SW SWP3 TO DET 3						1 @ 20
SWP3				SW SWP3 TO LUM3					2 @ 20	
SWP3	20			SW SWP3 TO P4	1 @ 20					
SW4			58	SW SWP4 TO SWP1		2 @ 68		2 @ 68	2 @ 68	2 @ 68
SW4				SW SWP4 TO 3S1	1 @ 25					
SW4				SW SWP4 TO 3S2	1 @ 36					
SWP4				SW SWP4 TO DET4						1 @ 20
SWP4				SW SWP4 TO LUM4					2 @ 20	
LP1				BASE TO LUM 1					2 @ 50	
PP1				BASE TO P1	1 @ 10					
PP1				BASE TO PPB1	1 @ 5					
PP2				BASE TO PPB4	1 @ 5					
TOTALS	112	985	275		712	393	762	393	477	393

FUNCTION CHART - 115 VOLT CIRCUIT

CONDUCTOR			RING 1-MULTI CONDUCTOR CABLE 20		RING 2-MULTI CONDUCTOR CABLE 20 *2	
NUMBER	BASE COLOR	TRACER	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	-	SPARE	SPARE	SPARE	SPARE
2	WHITE	-	SPARE	SPARE	SPARE	SPARE
3	RED	-	SPARE	SPARE	SPARE	SPARE
4	GREEN	-	SPARE	SPARE	SPARE	SPARE
5	ORANGE	-	SPARE	SPARE	SPARE	SPARE
6	BLUE	-	SPARE	SPARE	SPARE	SPARE
7	WHITE	BLACK	SPARE	SPARE	SPARE	SPARE
8	RED	BLACK	PHASE 2 RED	RED BALL 2S1, 2S2	PHASE 6 RED	RED BALL 4S1, 4S2
9	GREEN	BLACK	PHASE 2 GREEN	GREEN BALL 2S1, 2S2	PHASE 6 GREEN	GREEN BALL 4S1, 4S2
10	ORANGE	BLACK	PHASE 2 YELLOW	YELLOWBALL 2S1, 2S2	PHASE 6 YELLOW	YELLOWBALL 4S1, 4S2
11	BLUE	BLACK	SPARE	SPARE	PHASE 6 WALK	PEDESTRIAN WALK P1, P2
12	BLACK	WHITE	SPARE	SPARE	PHASE 6 DON'T WALK	PEDESTRIAN DON'T WALK P1, P2
13	RED	WHITE	SPARE	SPARE	SPARE	SPARE
14	GREEN	WHITE	SPARE	SPARE	SPARE	SPARE
15	BLUE	WHITE	SPARE	SPARE	SPARE	SPARE
16	BLACK	RED	PHASE 4 RED	RED BALL 3S1, 3S2	PHASE 8 RED	RED BALL 1S1, 1S2
17	WHITE	RED	PHASE 4 GREEN	GREEN BALL 3S1, 3S2	PHASE 8 GREEN	GREEN BALL 1S1, 1S2
18	ORANGE	RED	PHASE 4 YELLOW	YELLOWBALL 3S1, 3S2	PHASE 8 YELLOW	YELLOWBALL 1S1, 1S2
19	BLUE	RED	SPARE	SPARE	PHASE 8 WALK	PEDESTRIAN WALK P3, P4
20	RED	GREEN	SPARE	SPARE	PHASE 8 DON'T WALK	PEDESTRIAN DON'T WALK P3, P4



City of Rio Rancho

NO.	DESCRIPTION	DATE	BY
7			
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REVISIONS (OR CHANGE NOTICES)

CITY OF RIO RANCHO & LEE ENGINEERING

IDALIA & LOMA COLORADO  
CONDUIT & FUNCTION



PROJECT NO. PW2028  
 DESIGNED BY: J. KRUSE  
 DRAWN BY: J. KRUSE  
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