

# CITY OF ALBUQUERQUE



December 15, 2017

Tyler Ashton, PE  
Wilson & Company  
4900 Lang Ave, NE  
Albuquerque, NM 87109

**RE: University Blvd & Tijeras Arroyo Bridge  
Drainage Report  
Engineer's Stamp Date: 12/11/17  
Hydrology File: Q15D000**

Dear Mr. Ashton:

Based on the information provided in your submittal received 12/13/17, the Drainage Report is approved for Work Order.

PO Box 1293

If you have any questions, please contact me at 924-3695 or [dpeterson@cabq.gov](mailto:dpeterson@cabq.gov).

Albuquerque

Sincerely,

NM 87103

Dana Peterson, PE  
Senior Engineer, Planning Dept.  
Development Review Services

[www.cabq.gov](http://www.cabq.gov)



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 1/2016)

Project Title: University Blvd. & Tijeras Arroyo Bridge Building Permit #: \_\_\_\_\_ Hydrology File #: Q150000

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: CPN 7754.91

Legal Description: \_\_\_\_\_

City Address: University Blvd. between Rio Bravo and Mesa Del Sol Development

Applicant: Wilson & Company Contact: Tyler Ashton, PE

Address: 4900 Lang Ave NE, Albuquerque, NM 87109

Phone#: 505.348.4000 Fax#: 505.348.4055 E-mail: Tyler.Ashton@wilsonco.com

Other Contact: Wilson & Company Contact: James Lopez

Address: 4900 Lang Ave NE, Albuquerque, NM 87109

Phone#: 505.348.4000 Fax#: 505.348.4055 E-mail: James.Lopez@wilsonco.com

Check all that Apply:

### DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION  
☐ MS4/ EROSION & SEDIMENT CONTROL

### TYPE OF SUBMITTAL:

- ☐ AS-BUILT CERTIFICATION  
☐ CONCEPTUAL G & D PLAN  
☐ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☒ DRAINAGE REPORT  
☐ CLOMR/LOMR  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ NEIGHBORHOOD IMPACT ASSESMENT (NIA)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
☐ OTHER (SPECIFY) \_\_\_\_\_

### TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY  
☐ GRADING/ESC PERMIT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
☐ SITE PLAN FOR SUB'D APPROVAL  
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE  
☐ FOUNDATION PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☒ WORK ORDER APPROVAL  
☐ CLOMR/LOMR  
☐ PRE-DESIGN MEETING?  
☐ OTHER (SPECIFY) \_\_\_\_\_



IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

DATE SUBMITTED: 12-13-17 By: James Lopez

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE RECEIVED: \_\_\_\_\_

**WILSON  
& COMPANY**

4401 Masthead Street NE Suite 150,  
Albuquerque, NM 87109  
505-348-4000 phone  
505-348-4055 fax

December 13, 2017

Mr. Dana Peterson, P.E.  
Senior Engineer  
Planning Department  
Development Review Services  
City of Albuquerque  
P.O. Box 1293  
Albuquerque, NM 87103



**RE: University Blvd. & Tijeras Arroyo Bridge**

Dear Mr. Peterson:

Below are the comments in the e-mail and how they were addressed:

Comment:

1. On the Overview map, please include arrows for street flow, flow captured by each inlet, and flow bypass

*Response: Done, please see revised map.*

Comment:

2. Add the HGL calculations for the storm drain pipes into the report and add a column for pipe dimensions.

*Response: Done, the calculations have been added to appendix B.*

Comment:

3. If it is the intent to design this system as though the existing has failed, please communicate this in the report and include analysis for this scenario. Otherwise, consider elimination many of the inlets that don't receive flow.

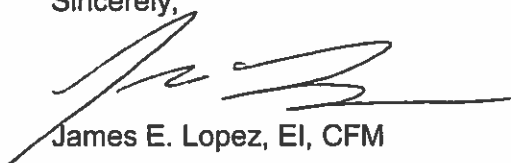
*Response: A write up has been added to the Proposed Conditions and Hydraulics sections of the report.*

Comment:

3. The channel bottom width needs to be 10ft wide (minimum) to allow for equipment access and maintenance (recommended: CABQ Std Dwg 2260). Hydraulic calculations for the concrete channel will need to be updated accordingly.

*Response: This section has been changed in the plans/calculations.*

Sincerely,



James E. Lopez, EI, CFM