

# Presentation to the MAG Management Committee Second Deferral Request

Indian School Road & Grand Canal to 16<sup>th</sup> Street

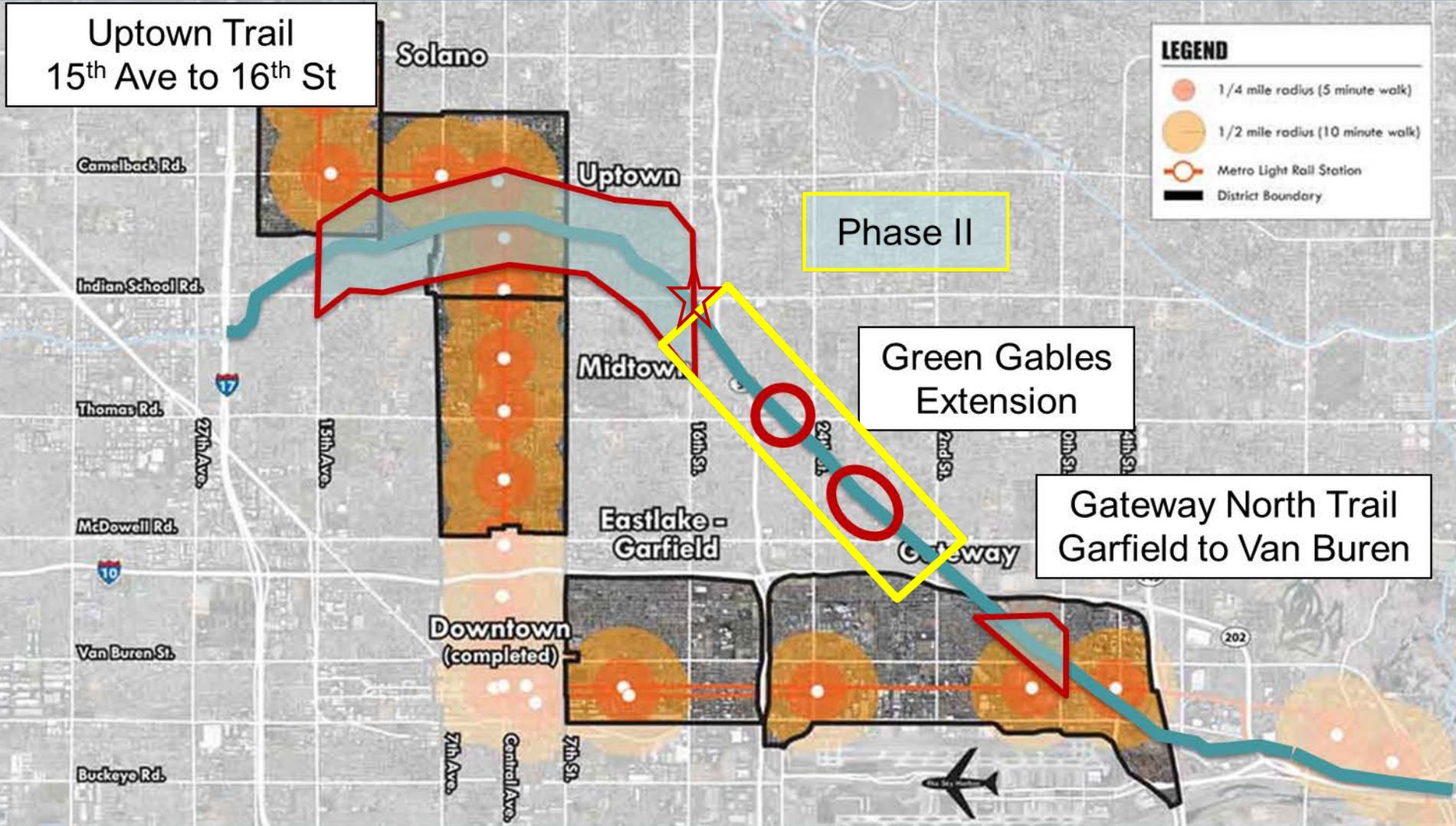


September 9, 2015

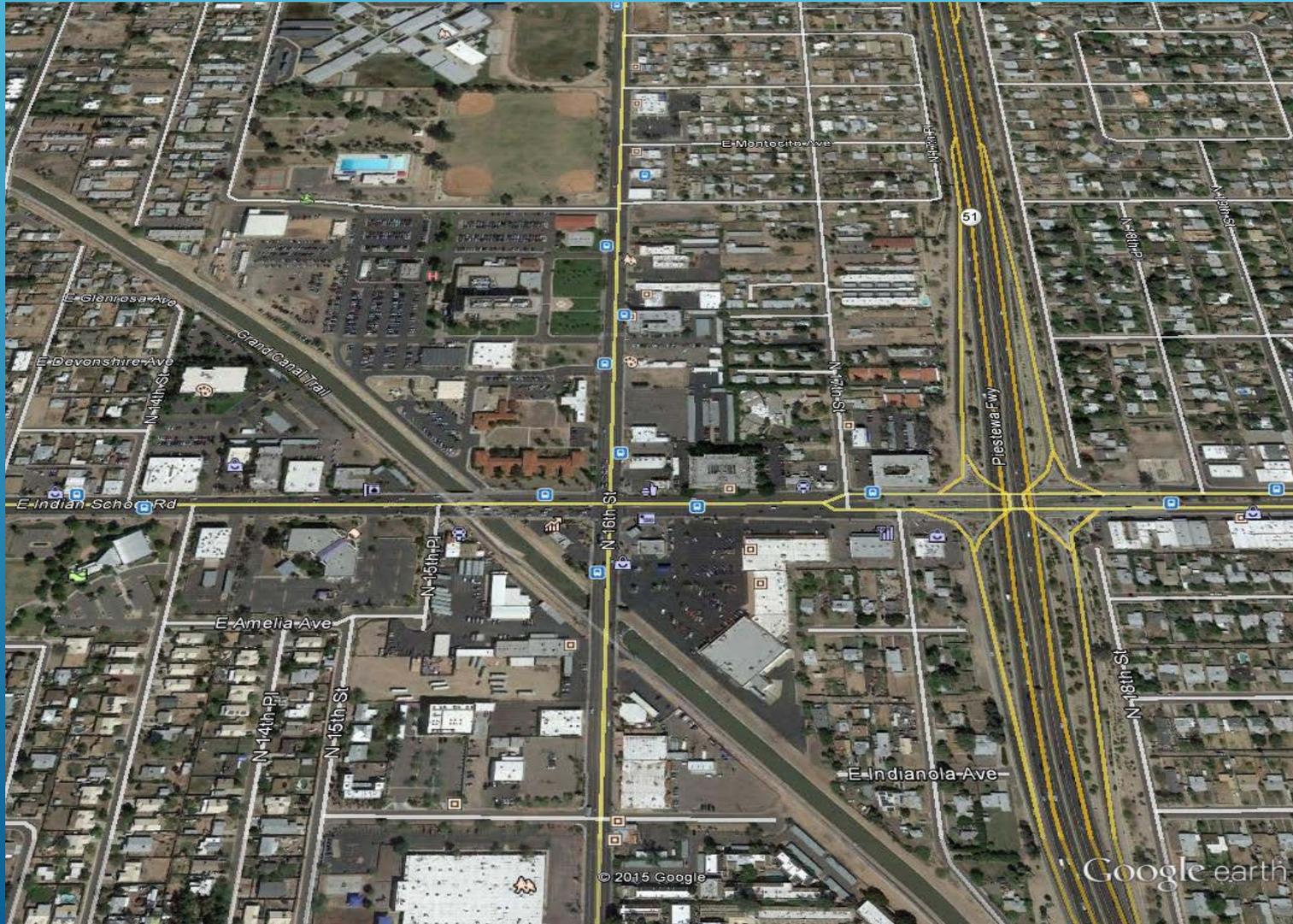
# GOALS FOR TODAY

- Importance of Project
- Project Details
- What happened
- Moving Forward
- Project Funding
- Recommendation

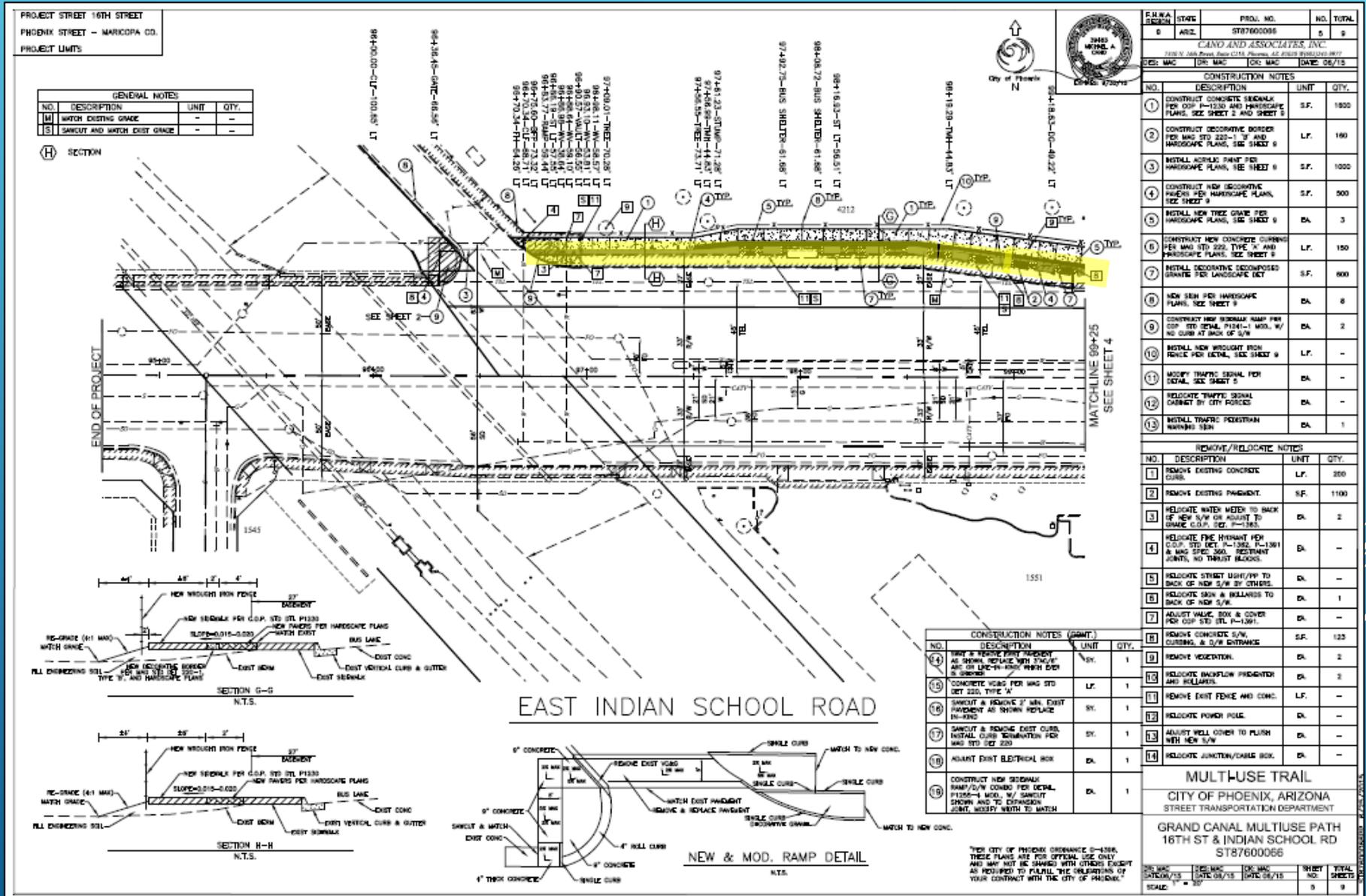
# Importance / Grand Canal BIG Picture



# Indian School Road and 16<sup>th</sup> Street Intersection – Surrounding Amenities



# Project Scope/Details



# What Happened...

|   |                      |
|---|----------------------|
| NTP   | 3/6/2012             |
| Survey  | 6/1/2012             |
| 15% Plans   | 8/1/2012             |
| Project Assessment                                    | 12/4/2013 (Approved) |
| Preliminary ROW                                       | 2/20/2014            |
| 30% Plans   | 7/1/2014             |
| CE Approved   | 7/28/2014            |
| 60% Plans   | 12/5/2014            |
| Redesign effort to minimize<br>Conflicts/ROW Impacts* | 12/5/2014-3/5/2015   |
| Revision to ROW*                                      | 5/9/2015             |
| Proposed 95% Plans                                    | 6/8/2015             |
| 2 <sup>nd</sup> Deferral Process                      | 8/18/2015            |



# Project Funding

|               | Funding          |                  |                    |
|---------------|------------------|------------------|--------------------|
|               | Local            | CMAQ             | Total              |
| Design        | \$276,370        |                  | \$276,370          |
| Right of Way  | \$361,168        |                  | \$361,168          |
| Construction* | \$356,980        | \$873,422        | \$1,230,312        |
| <b>Total</b>  | <b>\$994,788</b> | <b>\$873,422</b> | <b>\$1,868,210</b> |

\*Includes Administration

# Recommendation

- Funded
  - Council Approved
  - Staff & Resources
  - Plan & Schedule
  - Neighborhood Support
  - Indian Health Services Support
  - Regional Connectivity
- 
- 2-year Deferral of Project Recommended

# Existing Traffic Conditions at Grand Canal



# Conditions along north side of Indian School Road



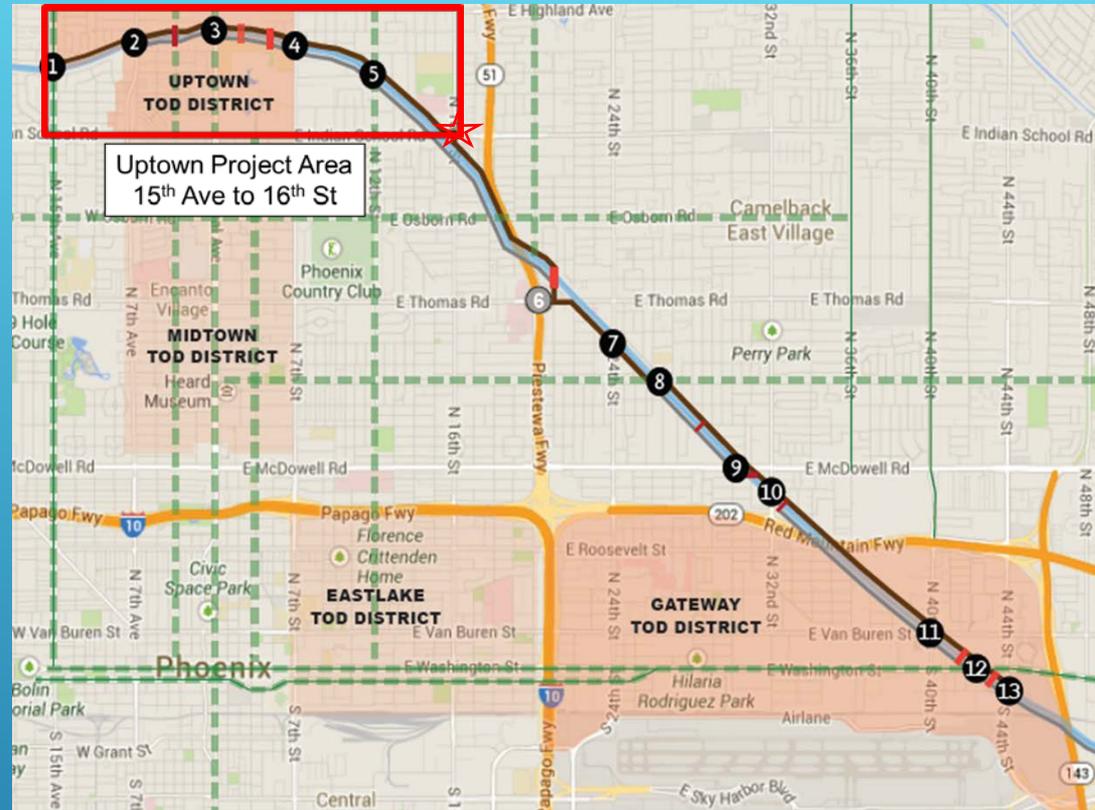
Existing Conditions (LOOKING EAST)



Existing Conditions (LOOKING WEST)

# Grand Canal Overview

- ▶ Phase I – 2.5 miles of improved trail (using SRP Aesthetic Funds)
- ▶ Phase II – 3.0 miles of improved trail
- ▶ 16<sup>th</sup> Street and Indian School Road (CMAQ)
- ▶ Thomas Road and 22<sup>nd</sup> Street (TA)
- ▶ 32<sup>nd</sup> Street south of McDowell (unfunded)

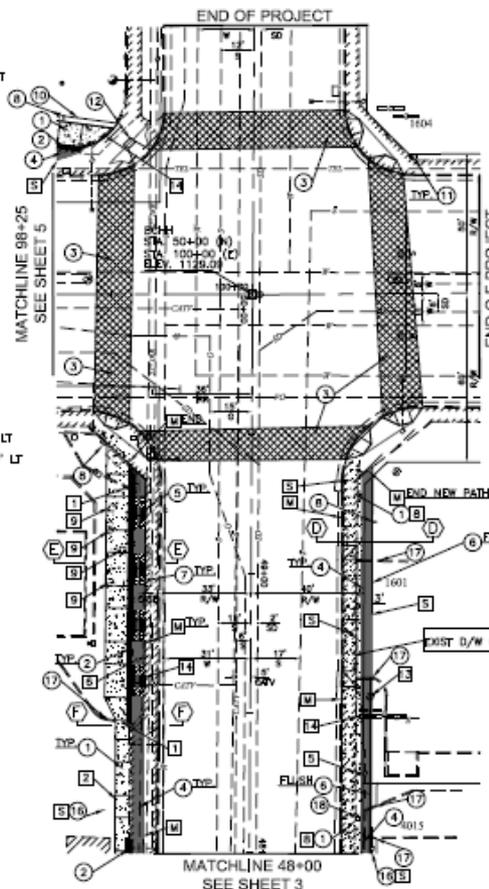


**Central Phoenix to Tempe**  
Continuous 10 Mile multi-use path along  
Grand Canal  
Major Crossing - 13

# Project Scope/Details Continued

PROJECT STREET 16TH STREET  
PHOENIX STREET - MARICOPA CO.  
PROJECT LIMITS  
90% PLAN SUBMITTAL

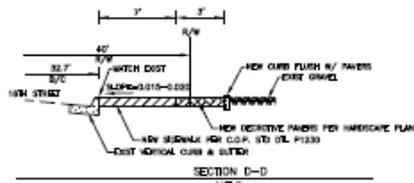
## NORTH 16TH STREET



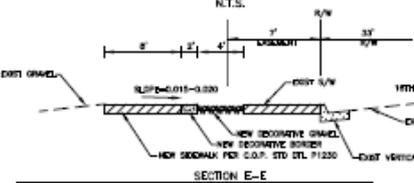
| GENERAL NOTES |                                |      |      |
|---------------|--------------------------------|------|------|
| NO.           | DESCRIPTION                    | UNIT | QTY. |
| M             | MATCH EXISTING GRADE           | --   | --   |
| S             | SAW-CUT AND MATCH EXIST. GRADE | --   | --   |

D SECTION

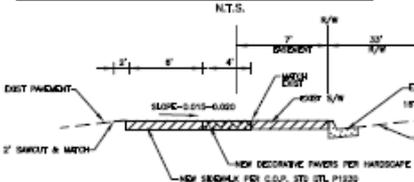
## EAST INDIAN SCHOOL ROAD



SECTION D-D



SECTION E-E



SECTION F-F

- 50+83.57-PP-34.11' LT
- 50+75.98-STAND PIPE-49.95' LT
- 50+48.13-SIGNAL-57.10' LT
- 50+43.22-CB-66.02' LT
- 50+05.61-SIGNAL-39.27' LT

- 49+58.87-CB-62.30' LT
- 49+51.98-FH-38.30' LT
- 49+49.13-SIGNAL-92.83' LT
- 49+48.27-SIGNAL BOX-42.16' LT
- 49+41.03-SIGNAL/ST LT-35.79' LT
- 49+28.85-CURB-40.36' LT
- 49+23.58-BUSH-49.31' LT
- 49+15.47-BUSH-50.27' LT
- 49+08.20-BUSH-45.85' LT
- 49+06.70-BUSH-49.85' LT
- 49+75.08-LIGHT-55.80' LT
- 49+68.85-SIGN-39.76' LT
- 49+60.85-PP-34.96' LT
- 49+59.89-CATV-39.67' LT

- 48+24.81-D/W CL-32.60' LT

| F.H.A. DISTRICT | STATE | PROJ. NO.  | NO. | TOTAL |
|-----------------|-------|------------|-----|-------|
| 0               | ARIZ. | ST87600066 | 4   | 9     |

CANO AND ASSOCIATES, INC.  
7000 N. 34th Street, Suite 1018, Phoenix, AZ 85018-1017  
TEL: 602-944-1100 FAX: 602-944-1101  
WWW.CANOANDASSOCIATES.COM

| DES. DATE | CHK. DATE | APP. DATE | DATE     |
|-----------|-----------|-----------|----------|
| 08/15/15  | 08/15/15  | 08/15/15  | 08/15/15 |

| CONSTRUCTION NOTES (CONT.) |  |      |      |
|----------------------------|--|------|------|
| NO.                        | DESCRIPTION  | UNIT | QTY. |
| 14                         | REMOVE EXIST. SIDEWALK AS SHOWN. REPLACE WITH 3" x 6" x 6" L.C. IN-PLACE. MATCH EXIST. TO SHEET 5                                | S.F. | 1800 |
| 15                         | CONCRETE VEGG FOR MAG STD DET 200, TYPE 'A'  | L.F. | 1    |
| 16                         | SAW-CUT & REMOVE 2" MIN. EXIST. PAVEMENT AS SHOWN. REPLACE WITH 4" CONC.   | S.F. | 500  |
| 17                         | SAW-CUT & REMOVE EXIST. CURB. INSTALL CURB TERMINATION PER MAG STD DET 200   | S.F. | 3    |
| 18                         | ADJUST EXIST. ELECTRICAL BOX   | E.A. | 1    |
| 19                         | CONSTRUCT NEW SIDEWALK SAW-CUT/DOW CONCRETE PER DETAIL P1200-4 MOD. W/ SAW-CUT SMOOR AND TO EXPANSION JOINT. MATCH WITH TO MATCH | E.A. | 1    |
| 20                         | NEW SIGN PER HARDSCAPE PLANS. SEE SHEET 9  | E.A. | 8    |
| 21                         | CONSTRUCT NEW SIDEWALK RAMP PER DETAIL P1200-4 MOD. W/ NO CURB AT BACK OF S/W  | E.A. | 2    |
| 22                         | INSTALL NEW WROUGHT IRON FENCE PER DETAIL. SEE SHEET 9   | L.F. | -    |
| 23                         | MODIFY TRAFFIC SIGNAL FOR DETAIL. SEE SHEET 9  | E.A. | -    |
| 24                         | RELOCATE TRAFFIC SIGNAL CABINET BY CITY FORENS   | E.A. | -    |
| 25                         | INSTALL TRAFFIC PEDESTRIAN WARNING SIGN  | E.A. | 1    |

| REMOVE/RELOCATE NOTES |  |      |      |
|-----------------------|--|------|------|
| NO.                   | DESCRIPTION  | UNIT | QTY. |
| 1                     | REMOVE EXISTING CONCRETE CURB.   | L.F. | 300  |
| 2                     | REMOVE EXISTING PAVEMENT.  | S.F. | 1100 |
| 3                     | RELOCATE WATER METER TO BACK OF NEW S/W OR ADJUST TO GRADE C.O.P. DET. P-1383.                                     | E.A. | 2    |
| 4                     | RELOCATE FIRE HYDRANT PER C.O.P. STD. DET. P-1391, P-1391 & WAC SPEC. 206. REINFORCEMENT JOINTS, NO TRIPIT BLOCKS. | E.A. | -    |
| 5                     | RELOCATE STREET LIGHT/W/P TO BACK OF NEW S/W BY OTHERS.  | E.A. | -    |
| 6                     | RELOCATE SIGN & BILLBOARD TO BACK OF NEW S/W.  | E.A. | 1    |
| 7                     | ADJUST MISC. BOX & COVER PER C.O.P. STD. DET. P-1391.  | E.A. | -    |
| 8                     | REMOVE CONCRETE S/W, CURBING, & D/W ENTRANCE   | S.F. | 123  |
| 9                     | REMOVE VEGETATION.   | E.A. | 2    |
| 10                    | RELOCATE BACKFLOW PREVENTER AND BILLBOARD.   | E.A. | 2    |
| 11                    | REMOVE EXIST. FENCE AND CONC.  | L.F. | -    |
| 12                    | RELOCATE POWER POLE.   | E.A. | -    |
| 13                    | ADJUST WELL COVER TO FLUSH WITH NEW S/W  | E.A. | -    |
| 14                    | RELOCATE JUNCTION/VALVE BOX.   | E.A. | -    |

MULTI-USE TRAIL  
CITY OF PHOENIX, ARIZONA  
STREET TRANSPORTATION DEPARTMENT  
GRAND CANAL MULTIUSE PATH  
16TH ST & INDIAN SCHOOL RD  
ST87600066

| DES. DATE | CHK. DATE | APP. DATE | SHEET NO. | TOTAL SHEETS |
|-----------|-----------|-----------|-----------|--------------|
| 08/15/15  | 08/15/15  | 08/15/15  | 4         | 9            |

SCALE: 1" = 20'

"THE CITY OF PHOENIX ORDINANCE 0-4306, AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

