

Attachment A

Fwd: Fw: City council draft

Paul Simoes <psphoenixx@gmail.com>  
To: pfranjkic@gmail.com

Wed, Oct 30, 2024 at 11:05 AM

----- Forwarded message -----

From: Paul Simoes <psphoenixx@gmail.com>  
Date: Thu, Oct 3, 2024 at 5:46 PM  
Subject: Fwd: Fw: City council draft  
To: council.district.1@phoenix.gov <council.district.1@phoenix.gov>

CITY CLERK DEPT.  
2024 OCT 30 PM 3:37

Ms. O'brien,

Recently a modification to Southbound Route 27 was made redirecting bus traffic through our neighborhood. This was only brought up to the neighbors via the Rider Alert and other viable solutions were not able to be proposed by the community. Please find a copy of a petition of most of the residents along the new amended pathway. We are asking that this activity cease immediately. In reaching out to the public transit department office I received no comment on several questions. A flyer was sent out on Friday the 27<sup>th</sup> of September to all riders. Outlining to bus riders the alternate path. For the last ten years the bus has traveled a different path to which no one had an issue. Now the path brings with it several safety concerns and economic considerations.

- 1) School aged children have been seen walking on the streets where the busses now travel. This occurs some portion of the 54 times the bus now travels down the road on a daily basis.
- 2) Pets in the area are not used to the activity . The fear is that one will be killed or maimed by this activity. On 10/3/2024 my dog was narrowly missed by one of the busses. This needs to stop.
- 3) Economical degradation of property values on the route modification. Those of us choose the houses off the main streets for a reason. We like our privacy free of mass transportation. In fact, the 21 of 23 citizens along this new path oppose the modification.

I plead with your better judgement here. Changing a bus route without input is not the best approach. In fact, the roundabout which appears to be causing the issue for the modification has been there for years. I used to be a City of Phoenix Inspector. I suggest the curb on the roundabout be modified properly to allow ingress and regress of the busses around the roundabout on 31Avenue. Re- engineer the roundabout to accommodate the traffic away from the modification path. My dog and the community should not suffer as a lack of poor city planning. I can be reached by email, or by my cell phone 602-501-3982. My next steps are to go to social media, and Gary Harper at 3 on your side. I would much rather have an understanding that forcing a solution on the community is not the best path. Thanks for considering my plight.



**Rider Alert.pdf**  
1563K

**Petition to the City of Phoenix Council Members**

**Date:** 10/1/2024

**To:** City of Phoenix Council Members

**Subject:** Bus re-route changes to bus "Southbound Route 27", detoured down Country Gables Drive, to Mauna Loa, then to Banff Lane.

**We, the undersigned residents of the City of Phoenix, respectfully request the City Council to take the following action:**



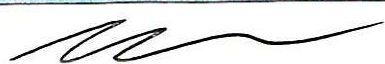
**"We request the City Council to cease and desist the Metro bus activity on the temporary modification of southbound Route 27 that began September 30, 2024."** This alternative route provides a number of concerns safety and economical for current residents.




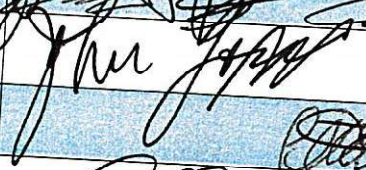



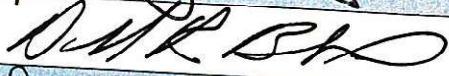

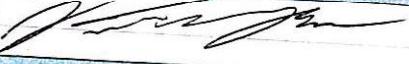



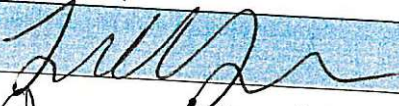



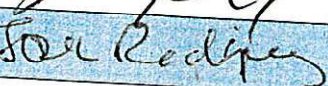
**Reasons for the Request:**

1. Increased safety concern activity and blind spot for children in egress from the school.
2. Increased danger of blind spot to pets along the alternative routes.
3. Increase traffic concern entering and exiting the properties located along the new route.
4. Decreases property values- The properties were purchased without this traffic condition. Any property within the reroute modification will now be harder to sell given this specific activity happens right outside the resident's front door.

**We believe that this action will greatly benefit our community and enhance the quality of life for all residents along this route without the modification.**

**Signatures:**

Name / Nombre	Address / Dirección	Signature / Firma
DELANO OXLEY	3050 W Country Gables Drive	
David Pappas	3056 W Country Gables Drive	
	3056 W Country Gables Drive	
Steven Johnson	3061 W Country Gables Drive	

		Signature / Firma
Donald Blansett	3102 W Port Royal	
Antonia Solorio	3101 W Port Royal	
Isaiah Schimmel	14832 N Mauna Loa Lane	
John Long	14828 N Mauna Loa Lane	
Faylollita Gimenes	14853 N Mauna Loa Lane	
Roman Gomez	14849 N Mauna Loa Lane	
Paul Simoes	14843 N Mauna Loa Lane	
Donald Blansett	14839 N Mauna Loa Lane	
Samantha Avila	14831 N Mauna Loa Lane	
Justin Margrave	14825 N Mauna Loa Lane	
Jacob Justice	14819 N Mauna Loa Lane	
Russell Wood	3102 W Banff Lane	
Jeanne Walker	3101 W Banff Lane	
	3065 W Banff Lane	
Taylor Garcia	3061 W Banff Lane	
Jesus Beltran	3057 W Banff Lane	
Sandy Sanchez	3049 W Banff Lane	
Jesus Ramirez	3050 W Banff Lane	
Jose Rodriguez	3058 W Banff Lane	



Download the Valley Metro app

Select Language

MAPS & SCHEDULE

# Maps & Schedules

Type of search

Find by Route

Enter Route Name or Number

Enter Route Name or Number

27th Ave

Click Print

Rt. 27 Detour between Beardsley Rd. and Yorkshire Dr. - Construction  
From Aug 14 5:00 AM to Nov 27 11:59 PM

Rt. 27 Detour on 31st Ave. between Country Gables Dr. and Banff Ln. - Construction  
From Sep 30 7:59 AM to Oct 31 11:59 PM

Route Schedule

Route Map

Route Description

Day of Travel

Direction of Travel



**68GM**  
On Oct 28, from 4:13 PM to 7:31 PM

**Rt. 27 Detour on 31st Ave. between Country Gables Dr. and Baniff Ln. - Construction**

**27**  
From Sep 30 7:59 AM to Oct 31 11:59 PM

Southbound Only:

1. Regular route to Country Gables Dr. and 31st Ave.,
2. Continue West on Country Gables Dr.,
3. South on Mauna Loa Ln.,
4. East on Baniff Lane,
5. South on 31st. Ave. to resume regular route.

No bus stops missed

**Rt. 27 Detour between Beardsley Rd. and Yorkshire Dr. - Construction**

**27**  
From Aug 14 5:00 AM to Nov 27 11:59 PM

**MERC**  
**Mercury Detour between McClintock Dr./Hayden Ln. and Lemon St./River Dr. - Construction**

From Sep 10 6:00 AM to Nov 30 11:59 PM

**Rt. 81 - Temporary Bus Stop Closure**

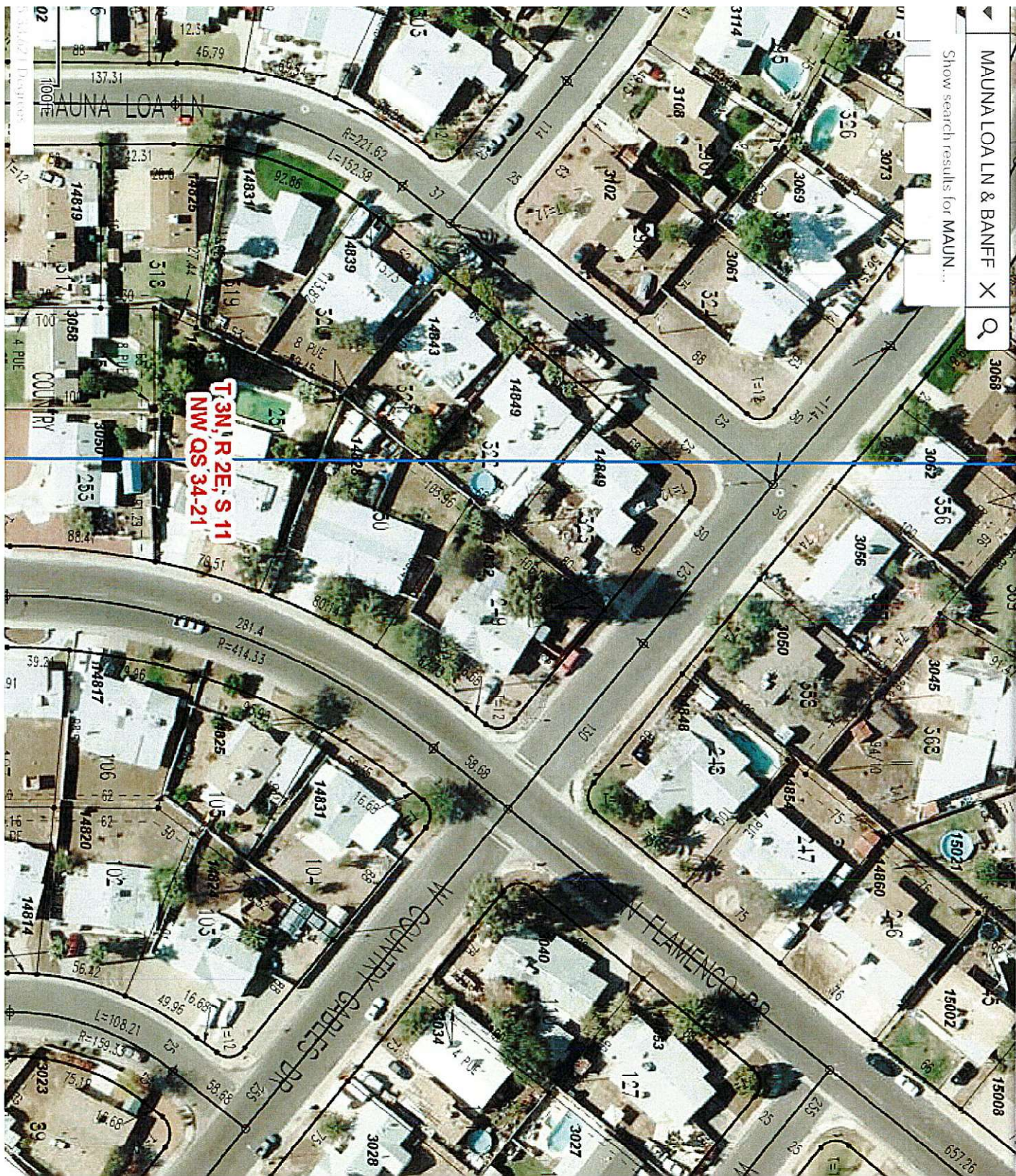
**81**  
From Jun 3, 2024 5:00 AM to Jan 31, 2025 11:59 PM

**Inbound Express Rts. 562, 571, 573, and GAL - Downtown Construction Detour**

**562** **573** **GAL** **571**

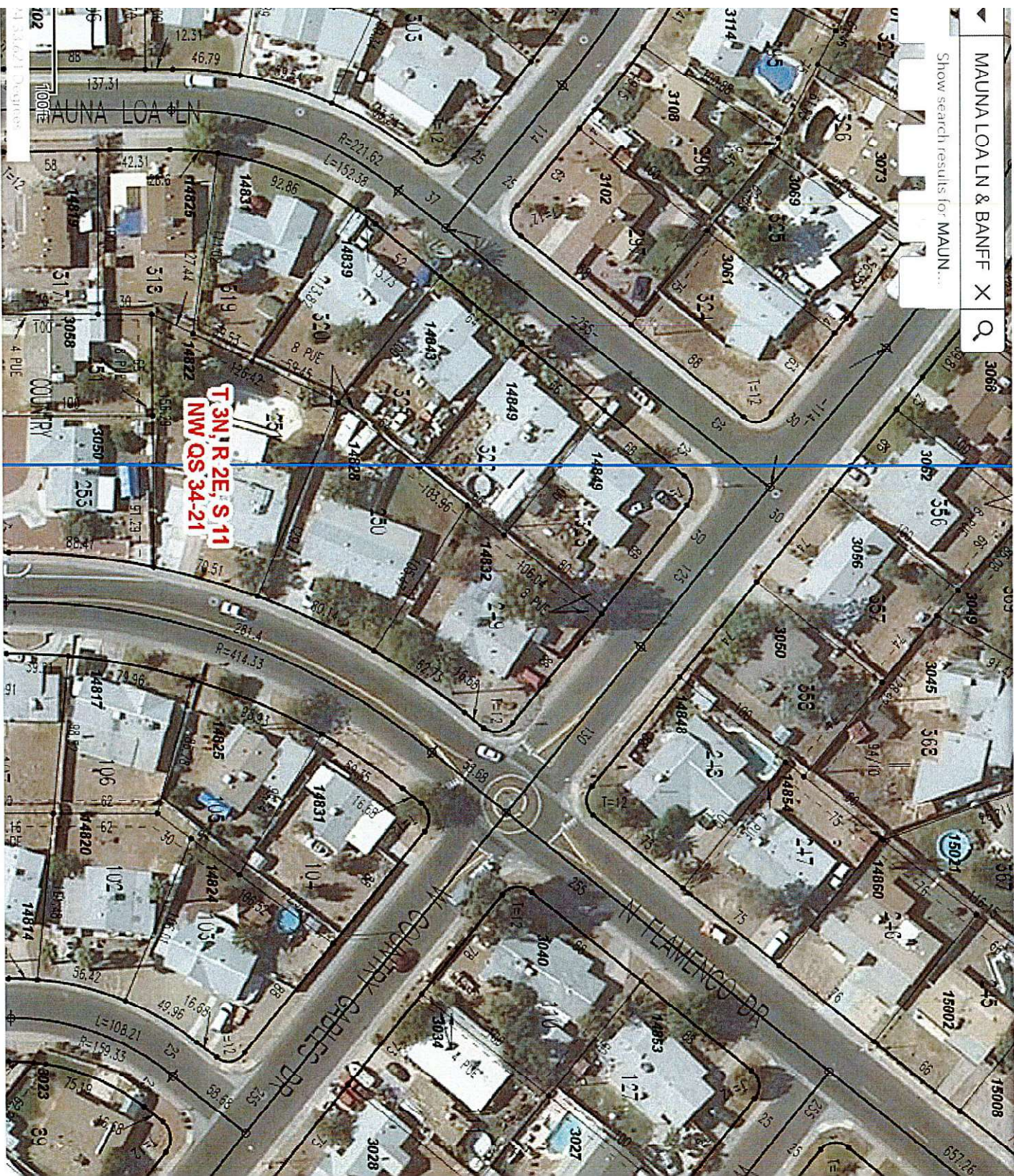
MAUNA LOA LN & BANFF

Show search results for MAUNA...



MAUNA LOA LN X

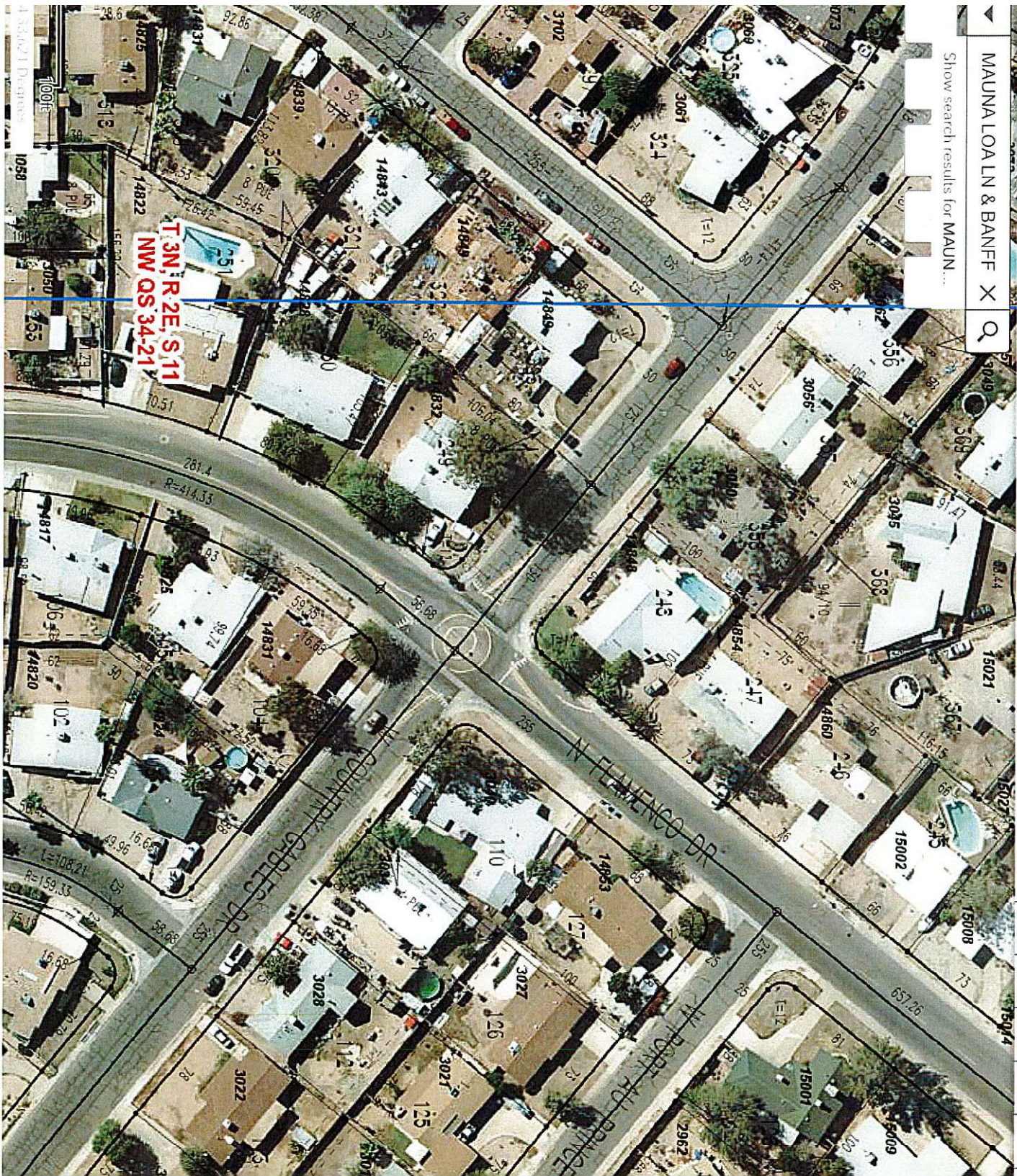
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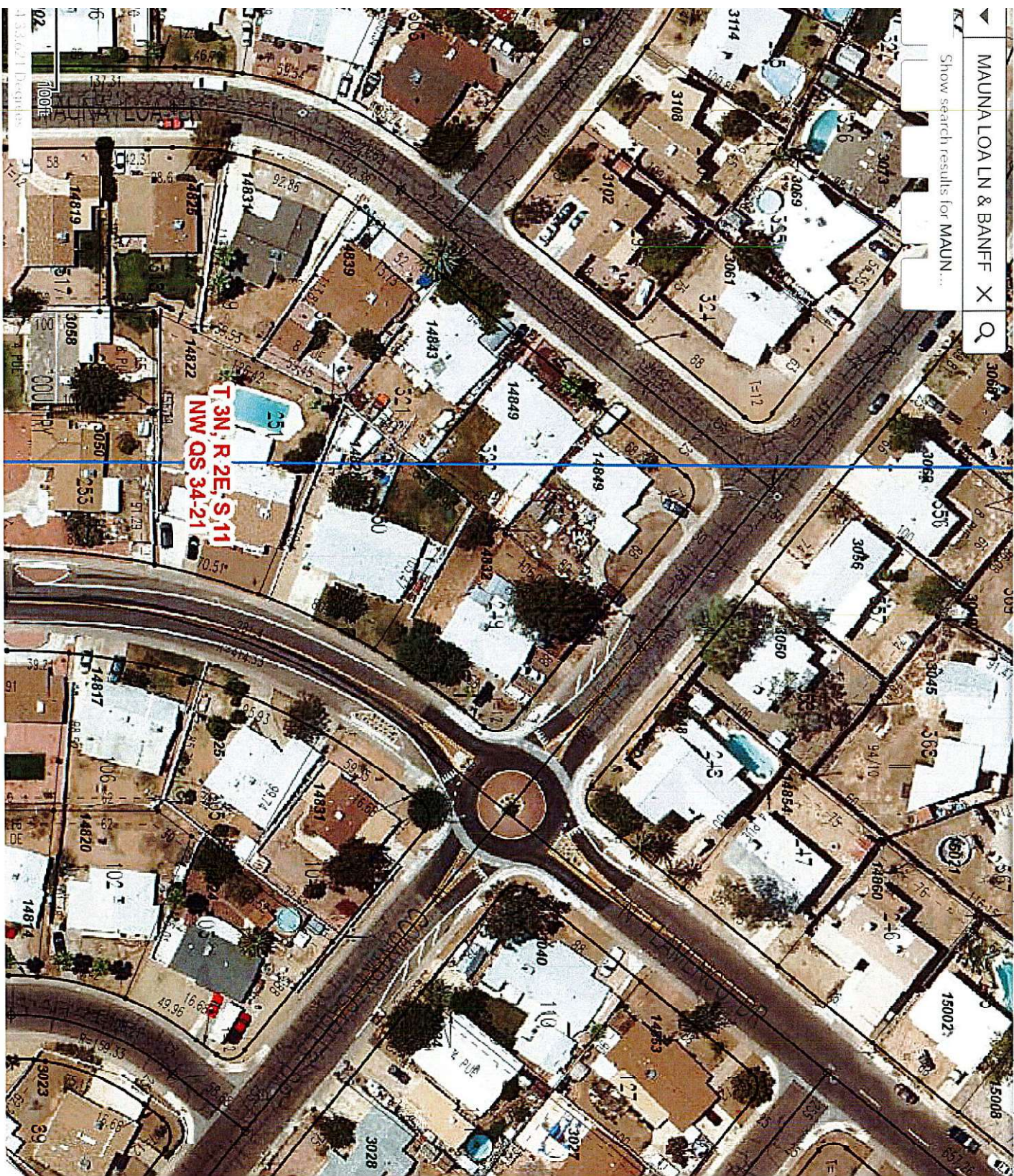
MAUNALOAN & BANFF

Show search results for MAUN...



MAUNALOAN & BANFF

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# City of Phoenix

STREET TRANSPORTATION DEPARTMENT  
DESIGN ARCHITECTURE/CONSTRUCTION MANAGEMENT DIVISION

October 3, 2014

M.D. Merrett Incorporated  
P.O. Box 3804  
Carefree, Arizona 85377-3804

Gentlemen:

**RE: CITY OF PHOENIX PROJECT NO.: ST89320094**  
**JOB ORDER CONTRACT NO.: 4108JOC107/133429 AGREEMENT NO.: 3**  
**PROJECT DESCRIPTION: FLAMENCO DRIVE / COUNTRY GABLES DRIVE**  
**TRAFFIC CALMING**

A final inspection of the above-named project has been made, and it was found to have been completed substantially in accordance with the approved plans and/or specifications.

This project has been accepted as of **October 3, 2014**, and all securities can be released to the contractor.

Sincerely,



Mark A. Glock, P.E.  
Deputy Street Transportation Director

MAG TH ES rv  
G:\SECZONE\Acceptance Final-JOCIM D Merrett\133429\ST89320094\_3\_10 Final.doc

c: Brenda Baines	- Finance/Accounts	Carl Edwards	- Planning & Development
Aimee Conroy	- Water Services	Cynthia Peters	- Parks & Recreation
Cheryl Guzman	- Water Services	Business Relations	- Equal Opportunity
Anita Pritchard	- Water Services	Rebecca Varela	- Street Transportation/DCM
Jami Erickson	- Water Services	Vesso Milchew	- Street Transportation/DCM
Ray Dovalina	- Street Transportation	Materials Lab	- Street Transportation/DCM
Charlene Reynolds	- Street Transportation	Gail Brinkmann	- Street Transportation/DCM
Chris Bonner	- Street Transportation	Carol Vega	- Street Transportation/DCM
Chris Casey	- Street Transportation	Ed Checkley	- Street Transportation/Environ.
Tom Fisher	- Street Transportation	Tony Humphrey	- Engineering Supervisor/DCM
Hasan Mushtaq	- Street Transportation	Ed Scola	- Inspector Supervisor/DCM
Todd Nunn	- Street Transportation	Dwight Vedvig	- Inspector/DCM
Jim Williams	- Street Transportation	Melody Moss	- Design CE III/DCM

CITY OF PHOENIX  
STREET TRANSPORTATION DEPARTMENT

CONTRACTOR'S AFFIDAVIT  
REGARDING  
SETTLEMENT OF CLAIMS

Project No.: ST89320094

No.: 10 Final

Contract No.: 133429

Agreement No.: 3

To The City of Phoenix, Arizona

Gentlemen:

This is to certify that all lawful claims for materials, rental of equipment and labor used in connection with the construction of the above project, whether by subcontractor or claimant in person, have been duly discharged.

The undersigned, for the consideration of \$14,467.78 as set out in the final pay estimate, as full and complete payment under the terms of the contract, hereby waives and relinquishes any and all further claims or right of lien under, in connection with, or as a result of the above described project. The undersigned further agrees to indemnify and save harmless the City of Phoenix against any and all liens, claims of liens, suits, actions, damages, charges and expenses whatsoever, which said City may suffer arising out of the failure of the undersigned to pay for all labor performance and materials furnished for the performance of said installation.

M.D. Merrett Incorporated  
Contractor

*Lesbeth Merrett, V.P.*  
By

STATE OF ARIZONA)  
COUNTY OF MARICOPA)SS

The foregoing instrument was subscribed and sworn to before me this

9<sup>th</sup> Day of October, 2014

Notary Public



Rebecca Varela  
Notary Public  
Maricopa County, Arizona

STREET TRANSPORTATION DEPARTMENT  
DESIGN AND CONSTRUCTION MANAGEMENT

**PROGRESS PAYMENT NO.10-FINAL**

<b>PROJECT NO.</b> ST89320094	<b>CONTRACT NO.</b> 133429 Job Order Agreement No.3	<b>PROJECT DESCRIPTION:</b> Flamenco Drive / Country Gables Drive Traffic Calming
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<b>CONTRACTOR:</b> M.D. Merrett P.O. Box 3804 Carefree, Arizona 85377-3804 Phone:480-575-0915 FAX:480-575-8778	<b>NOTICE TO PROCEED DATE</b> May 13, 2013	<b>COMPLETION DATE</b> August 11, 2013	<b>ADJUSTED COMPLETION DATE</b> August 11, 2013
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<b>PAYMENT PERIOD:</b> 4/14/14 to 10/3/14	<b>% TIME USED</b> 100.0%	<b>% JOB COMPLETED</b> 100.0%	<b>CONTRACT AMOUNT</b> \$281,359.80	<b>ADJUSTED CONTRACT</b> \$281,359.80
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PROJECT NO.	ENCUMBRANCE	TOTAL TO DATE	RETENTION	PREVIOUS PAYMENTS	DUE THIS ESTIMATE
ST89320094	\$281,359.80	\$277,665.33	\$0.00	\$263,197.55	\$14,467.78
<b>CURRENT JOB TOTALS</b>	<b>\$281,359.80</b>	<b>\$277,665.33</b>	<b>\$0.00</b>	<b>\$263,197.55</b>	<b>\$14,467.78</b>

Submitted By: Lesbeth Merrett, V.P. DATE 10/9/2014  
Contractor

Printed Name Contractor	TOTAL TO DATE	\$277,665.33
<u>Tommy Humpala</u>	(RETAINED) 0%	\$0.00
<u>10/10/14</u>	TOTAL LESS	

Job Order Agreement No.3

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	APPROX. QUANTITY PER CONTRACT	AMOUNT COMPLETED TO DATE	VALUE OF COMPLETED WORK TO DATE
	<b>ST89320094</b>					
1	Allowance for Stormwater Pollution Prevention Best Management Practices (BMP's)	Lump	\$1,000.00	1.00	0.00	\$0.00
2	Allowance for Extra Work	Job	\$32,753.30	1.00	0.00	\$0.00
3	Subgrade Preparation	Sq. Yd.	\$19.50	1,186.00	1,186.00	\$23,127.00
4	Asphalt Concrete Surface Course Type C 3/4, 5" Thick	Ton	\$110.50	241.00	283.48	\$31,324.54
5	Decorative Brick Pavers	Sq. Ft.	\$12.00	2,056.00	2,056.00	\$24,672.00
6	Concrete Valley Gutter, Std. Detail 240	Sq. Ft.	\$10.62	803.00	803.00	\$8,527.86
7	Concrete Sidewalk, Std. Detail P-1230 Modified 8" Thick	Sq. Ft.	\$5.93	1,840.00	1,840.00	\$10,911.20
8	Truncated Domes for Sidewalk Ramps	Sq. Ft.	\$35.00	80.00	80.00	\$2,800.00
9	Concrete Slab 6" Thick	Sq. Ft.	\$6.25	1,523.00	2,056.00	\$12,850.00
10	Combined Concrete Curb and Gutter Std. Detail 220, Type "A", H=4"	Lin. Ft.	\$22.50	510.00	540.00	\$12,150.00
11	Concrete Ribbon Curb, Std. Detail 220, Type "B"	Lin. Ft.	\$17.50	130.00	130.00	\$2,275.00
12	Concrete Single Curb, Std. Detail 222, Type "A"	Lin. Ft.	\$21.50	787.00	800.00	\$17,200.00
13	Adjust Existing Manhole Frame and Cover MAG Std. Detail 422 and COP Detail 1430	Each	\$450.00	1.00	1.00	\$450.00
14	Adjust Existing Sewer Clean-out Frame and Cover Std. Detail P-1270	Each	\$450.00	1.00	1.00	\$450.00
15	Adjust Existing Type "A" Water Valve Standard Detail P-1391 and P-1391-1	Each	\$350.00	2.00	4.00	\$1,400.00
16	Remove Portland Cement Concrete Single Curb; Curb and Gutter; Header Curb or Embankment Curb	Lin. Ft.	\$10.00	508.00	540.00	\$5,400.00
17	Remove Portland Cement Concrete Sidewalk, Driveway, Valley Gutter and Slab	Sq. Ft.	\$4.50	2,526.00	2,526.00	\$11,367.00
18	Miscellaneous Removal and Other Work	Job	\$12,000.00	1.00	1.00	\$12,000.00
19	Obliterate Existing Pavement Markings	Job	\$5,400.00	1.00	1.00	\$5,400.00
20	1" PVC Schedule 40 Conduit	Lin. Ft.	\$10.50	20.00	0.00	\$0.00
21	2-1/2" Schedule 40 Conduit	Lin. Ft.	\$10.93	30.00	87.00	\$950.91
22	Furnish and Install Street Light Per C.O.P. Street Lighting Procedures, Standards and Specifications Manual, Latest Edition	Each	\$3,198.75	1.00	1.00	\$3,198.75
23	Relocate Existing Light Poles	Each	\$1,550.00	1.00	1.00	\$1,550.00
24	Traffic Control Devices	Job	\$15,000.00	1.00	1.00	\$15,000.00

**Job Order Agreement No.3**

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	APPROX. QUANTITY PER CONTRACT	AMOUNT COMPLETED TO DATE	VALUE OF COMPLETED WORK TO DATE
27	Plant Establishment Guarantee and Maintenance (including water and power)	Month	\$650.00	6.00	6.00	\$3,900.00
28	Decomposed Granite, 3/4" Minus for General Landscape	Cu. Yd.	\$110.00	4.00	4.00	\$440.00
29	5 Gallon Shrub	Each	\$150.00	58.00	58.00	\$8,700.00
30	15 Gallon Tree	Each	\$200.00	1.00	1.00	\$200.00
31	3/4" Class 200 PVC Irrigation Pipe	Lin. Ft.	\$5.28	403.00	0.00	\$0.00
32	3/4" Irrigation Pipe, Schedule 40	Lin. Ft.	\$11.60	14.00	417.00	\$4,837.20
33	Flush Cap	Each	\$340.62	4.00	4.00	\$1,362.48
34	3/4" Reduced Pressure Backflow Prevention Unit and Cage	Each	\$1,250.00	1.00	1.00	\$1,250.00
35	Electric Valve and Box	Each	\$1,272.00	2.00	2.00	\$2,544.00
36	1 GPH, 3 GPH, and 5 GPH Emitters	Each	\$20.94	58.00	0.00	\$0.00
37	Multi-Port Emitter and Riser Assembly with Bug Cap	Each	\$193.51	10.00	13.00	\$2,515.63
38	2" Schedule 40 PVC Irrigation Sleeve	Lin. Ft.	\$25.00	46.00	46.00	\$1,150.00
39	4" Schedule 40 PVC Irrigation Sleeve	Lin. Ft.	\$27.00	99.00	99.00	\$2,673.00
40	Rainmaster Eagle (6 Station) Sprinkler Controller with Surge Protection and Security Cabinet	Each	\$10,810.00	1.00	1.00	\$10,810.00
41	Flow Sensor with Master Valve Assembly and Filter	Each	\$1,100.00	2.00	2.00	\$2,200.00
42	Concrete Block Masonry Wall	Sq. Ft.	\$51.21	170.00	321.98	\$16,488.44
42A	Concrete Block Masonry Wall- Replacement	LS	\$9,376.57	0.00	1.00	\$9,376.57
43	Trenching for Street Light Circuits (One Conduit)	Lin. Ft.	\$10.25	30.00	87.00	\$891.75
44	Junction Box, Install	Each	\$262.50	1.00	0.00	\$0.00
45	New Water Meter Box and Cover, Furnish and Install	Each	\$190.00	1.00	1.00	\$190.00
46	Relocate Fire Hydrant	Each	\$1,800.00	1.00	1.00	\$1,800.00
				ST89320094	ITEMS 1-46	\$277,665.33
					<b>TOTAL To Date</b>	<b>\$ 277,665.33</b>

PROGRESS PAYMENT NO.10-FINAL

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	APPROX QUA PER CONTRACT	AMOUNT COMPLETE	PLUS OR MINUS	MINUS	PLUS
27	Plant Establishment Guarantee and Maintenance (including water and power)	Month	650	6.00	6.00	0.00	0.00	0.00
28	Decomposed Granite, 3/4" Minus for General Landscape	Cu.Yd.	110	4.00	4.00	0.00	0.00	0.00
29	5 Gallon Shrub	Each	150	58.00	58.00	0.00	0.00	0.00
30	15 Gallon Tree	Each	200	1.00	1.00	0.00	0.00	0.00
31	3/4" Class 200 PVC Irrigation Pipe	Lin. Ft.	5.28	403.00	0.00	(403.00)	(2127.84)	0.00
32	3/4" Irrigation Pipe, Schedule 40	Lin. Ft.	11.6	14.00	417.00	403.00	0.00	4674.80
33	Flush Cap	Each	340.62	4.00	4.00	0.00	0.00	0.00
34	3/4" Reduced Pressure Backflow Prevention Unit and Cage	Each	1250	1.00	1.00	0.00	0.00	0.00
35	Electric Valve and Box	Each	1272	2.00	2.00	0.00	0.00	0.00
36	1 GPH, 3 GPH, and 5 GPH Emitters	Each	20.94	58.00	0.00	(58.00)	(1214.52)	0.00
37	Muti-Port Emitter and Riser Assembly with Bug Cap	Each	193.51	10.00	13.00	3.00	0.00	580.53
38	2" Schedule 40 PVC Irrigation Sleeve	Lin. Ft.	25	46.00	46.00	0.00	0.00	0.00
39	4" Schedule 40 PVC Irrigation Sleeve	Lin. Ft.	27	99.00	99.00	0.00	0.00	0.00
40	Rainmaster Eagle (6 Station) Sprinkler Controller with Surge Protection and Security Cabinet	Each	10810	1.00	1.00	0.00	0.00	0.00
41	Flow Sensor with Master Valve Assembly and Filter	Each	1100	2.00	2.00	0.00	0.00	0.00
42	Concrete Block Masonry Wall	Sq. Ft.	51.21	170.00	321.98	151.98	0.00	7782.74
42A	Concrete Block Masonry Wall- Replacement	LS	9376.57	0.00	1.00	1.00	0.00	9376.57
43	Trenching for Street Light Circuits (One Conduit)	Lin. Ft.	10.25	30.00	87.00	57.00	0.00	584.25
44	Junction Box, Install	Each	262.5	1.00	0.00	(1.00)	(262.50)	0.00
45	New Water Meter Box and Cover, Furnish and Install	Each	190	1.00	1.00	0.00	0.00	0.00
46	Relocate Fire Hydrant	Each	1800	1.00	1.00	0.00	0.00	0.00

TOTAL		(\$37,568.16)	\$33,873.69
DIFFERENCE			(\$3,694.47)
FINAL PAY AMOUNT			\$ 277,665.33
PLUS OR MINUS			\$3,694.47
			\$ 281,359.80
CONTRACT AMOUNT			\$281,359.80



PROGRESS PAYMENT NO. 10-FINAL

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	APPROX QUA PER CONTRACT	AMOUNT COMPLETE	PLUS OR MINUS	MINUS	PLUS
	ST89320094							
1	Allowance for Stormwater Pollution Prevention Best Management Practices (BMP's)	Lump	1000	1.00	0.00	(1.00)	(1000.00)	0.00
2	Allowance for Extra Work	Job	32753.3	1.00	0.00	(1.00)	(32753.30)	0.00
3	Subgrade Preparation	Sq. Yd.	19.5	1186.00	1186.00	0.00	0.00	0.00
4	Asphalt Concrete Surface Course Type C 3/4, 5" Thick	Ton	110.5	241.00	283.48	42.48	0.00	4694.04
5	Decorative Brick Pavers	Sq. Ft.	12	2056.00	2056.00	0.00	0.00	0.00
6	Concrete Valley Gutter, Std. Detail 240	Sq. Ft.	10.62	803.00	803.00	0.00	0.00	0.00
7	Concrete Sidewalk, Std. Detail P-1230 Modified 8" Thick	Sq. Ft.	5.93	1840.00	1840.00	0.00	0.00	0.00
8	Truncated Domes for Sidewalk Ramps	Sq. Ft.	35	80.00	80.00	0.00	0.00	0.00
9	Concrete Slab 6" Thick	Sq. Ft.	6.25	1523.00	2056.00	533.00	0.00	3331.25
10	Combined Concrete Curb and Gutter Std. Detail 220, Type "A", H=4"	Lin. Ft.	22.5	510.00	540.00	30.00	0.00	675.00
11	Concrete Ribbon Curb, Std. Detail 220, Type "B"	Lin. Ft.	17.5	130.00	130.00	0.00	0.00	0.00
12	Concrete Single Curb, Std. Detail 222, Type "A"	Lin. Ft.	21.5	787.00	800.00	13.00	0.00	279.50
13	Adjust Existing Manhole Frame and Cover MAG Std. Detail 422 and COP Detail 1430	Each	450	1.00	1.00	0.00	0.00	0.00
14	Adjust Existing Sewer Clean-out Frame and Cover Std. Detail P-1270	Each	450	1.00	1.00	0.00	0.00	0.00
15	Adjust Existing Type "A" Water Valve Standard Detail P-1391 and P-1391-1	Each	350	2.00	4.00	2.00	0.00	700.00
16	Remove Portland Cement Concrete Single Curb; Curb and Gutter; Header Curb or Embankment Curb	Lin. Ft.	10	508.00	540.00	32.00	0.00	320.00
17	Remove Portland Cement Concrete Sidewalk, Driveway, Valley Gutter and Slab	Sq. Ft.	4.5	2526.00	2526.00	0.00	0.00	0.00
18	Miscellaneous Removal and Other Work	Job	12000	1.00	1.00	0.00	0.00	0.00
19	Obliterate Existing Pavement Markings	Job	5400	1.00	1.00	0.00	0.00	0.00
20	1" PVC Schedule 40 Conduit	Lin. Ft.	10.5	20.00	0.00	(20.00)	(210.00)	0.00
21	2-1/2" Schedule 40 Conduit	Lin. Ft.	10.93	30.00	87.00	57.00	0.00	623.01
22	Furnish and Install Street Light Per C.O.P. Street Lighting Procedures, Standards and Specifications Manual, Latest Edition	Each	3198.75	1.00	1.00	0.00	0.00	0.00
23	Relocate Existing Light Poles	Each	1550	1.00	1.00	0.00	0.00	0.00
24	Traffic Control Devices	Job	15000	1.00	1.00	0.00	0.00	0.00
25	Survey Marker, MAG Standard Detail 120-1	Each	350	1.00	1.00	0.00	0.00	0.00

REASON REPORT

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY PER CONTRACT	AMOUNT COMPLETED	PLUS OR MINUS	PERCENT COMPLETE	STATE REASON FOR OVERRUNS OR UNDERRUNS (Attach additional sheets for complete explanation)
	ST89320094					
1	Allowance for Stormwater Pollution Prevention Best Management Practices (BMP's)	1.00	0.00	(1.00)	0.00%	ITEM NOT USED
2	Allowance for Extra Work	1.00	0.00	(1.00)	0.00%	ITEM NOT USED
3	Subgrade Preparation	1186.00	1186.00	0.00	100.00%	NO CHANGE
4	Asphalt Concrete Surface Course Type C 3/4, 5" Thick	241.00	283.48	42.48	117.63%	FIELD CONDITIONS PREVAILED
5	Decorative Brick Pavers	2056.00	2056.00	0.00	100.00%	NO CHANGE
6	Concrete Valley Gutter, Std. Detail 240	803.00	803.00	0.00	100.00%	NO CHANGE
7	Concrete Sidewalk, Std. Detail P-1230 Modified 8" Thick	1840.00	1840.00	0.00	100.00%	NO CHANGE
8	Truncated Domes for Sidewalk Ramps	80.00	80.00	0.00	100.00%	NO CHANGE
9	Concrete Slab 6" Thick	1523.00	2056.00	533.00	135.00%	FIELD CONDITIONS PREVAILED
10	Combined Concrete Curb and Gutter Std. Detail 220, Type "A", H=4"	510.00	540.00	30.00	105.88%	NORMAL VARIANCE
11	Concrete Ribbon Curb, Std. Detail 220, Type "B"	130.00	130.00	0.00	100.00%	NO CHANGE
12	Concrete Single Curb, Std. Detail 222, Type "A"	787.00	800.00	13.00	101.65%	NORMAL VARIANCE
13	Adjust Existing Manhole Frame and Cover MAG Std. Detail 422 and COP Detail 1430	1.00	1.00	0.00	100.00%	NO CHANGE
14	Adjust Existing Sewer Clean-out Frame and Cover Std. Detail P-1270	1.00	1.00	0.00	100.00%	NO CHANGE
15	Adjust Existing Type "A" Water Valve Standard Detail P-1391 and P-1391-1	2.00	4.00	2.00	200.00%	FIELD CONDITIONS PREVAILED
16	Remove Portland Cement Concrete Single Curb; Curb and Gutter; Header Curb or Embankment Curb	508.00	540.00	32.00	106.30%	NORMAL VARIANCE
17	Remove Portland Cement Concrete Sidewalk, Driveway, Valley Gutter and Slab	2526.00	2526.00	0.00	100.00%	NO CHANGE
18	Miscellaneous Removal and Other Work	1.00	1.00	0.00	100.00%	NO CHANGE
19	Obliterate Existing Pavement Markings	1.00	1.00	0.00	100.00%	NO CHANGE
20	1" PVC Schedule 40 Conduit	20.00	0.00	(20.00)	0.00%	ITEM NOT USED
21	2-1/2" Schedule 40 Conduit	30.00	87.00	57.00	290.00%	DESIGN CHANGE
22	Furnish and Install Street Light Per C.O.P. Street Lighting Procedures, Standards and Specifications Manual, Latest Edition	1.00	1.00	0.00	100.00%	NO CHANGE
23	Relocate Existing Light Poles	1.00	1.00	0.00	100.00%	NO CHANGE

## REASON REPORT

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY PER CONTRACT	AMOUNT COMPLETED	PLUS OR MINUS	PERCENT COMPLETE	STATE REASON FOR OVERRUNS OR UNDERRUNS (Attach additional sheets for complete explanation)
26	Remove and Relocate Fence to Right of Way per Plans	130.00	142.00	12.00	109.23%	NORMAL VARIANCE
27	Plant Establishment Guarantee and Maintenance (including water and power)	6.00	6.00	0.00	100.00%	NO CHANGE
28	Decomposed Granite, 3/4" Minus for General Landscape	4.00	4.00	0.00	100.00%	NO CHANGE
29	5 Gallon Shrub	58.00	58.00	0.00	100.00%	NO CHANGE
30	15 Gallon Tree	1.00	1.00	0.00	100.00%	NO CHANGE
31	3/4" Class 200 PVC Irrigation Pipe	403.00	0.00	(403.00)	0.00%	ITEM NOT USED
32	3/4" Irrigation Pipe, Schedule 40	14.00	417.00	403.00	2978.57%	DESIGN CHANGE
33	Flush Cap	4.00	4.00	0.00	100.00%	NO CHANGE
34	3/4" Reduced Pressure Backflow Prevention Unit and Cage	1.00	1.00	0.00	100.00%	NO CHANGE
35	Electric Valve and Box	2.00	2.00	0.00	100.00%	NO CHANGE
36	1 GPH, 3 GPH, and 5 GPH Emitters	58.00	0.00	(58.00)	0.00%	ITEM NOT USED
37	Muti-Port Emitter and Riser Assembly with Bug Cap	10.00	13.00	3.00	130.00%	DESIGN CHANGE
38	2" Schedule 40 PVC Irrigation Sleeve	46.00	46.00	0.00	100.00%	NO CHANGE
39	4" Schedule 40 PVC Irrigation Sleeve	99.00	99.00	0.00	100.00%	NO CHANGE
40	Rainmaster Eagle (6 Station) Sprinkler Controller with Surge Protection and Security Cabinet	1.00	1.00	0.00	100.00%	NO CHANGE
41	Flow Sensor with Master Valve Assembly and Filter	2.00	2.00	0.00	100.00%	NO CHANGE
42	Concrete Block Masonry Wall	170.00	321.98	151.98	189.40%	DESIGN CHANGE
42A	Concrete Block Masonry Wall- Replacement	0.00	1.00	1.00	100.00%	NO CHANGE
43	Trenching for Street Light Circuits (One Conduit)	30.00	87.00	57.00	290.00%	DESIGN CHANGE
44	Junction Box, Install	1.00	0.00	(1.00)	0.00%	ITEM NOT USED
45	New Water Meter Box and Cover, Furnish and Install"	1.00	1.00	0.00	100.00%	NO CHANGE
46	Relocate Fire Hydrant	1.00	1.00	0.00	100.00%	NO CHANGE

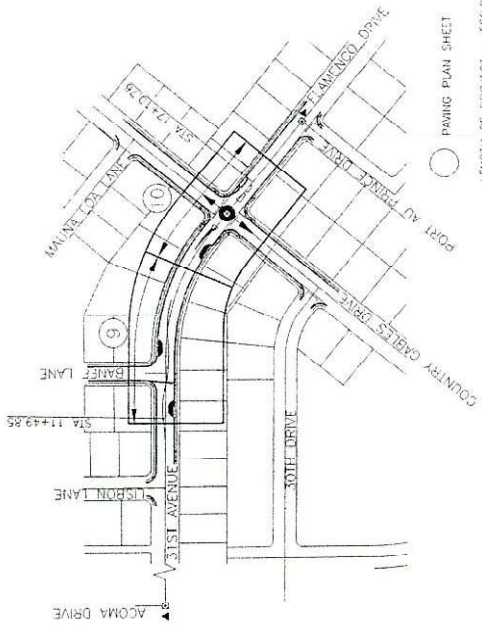
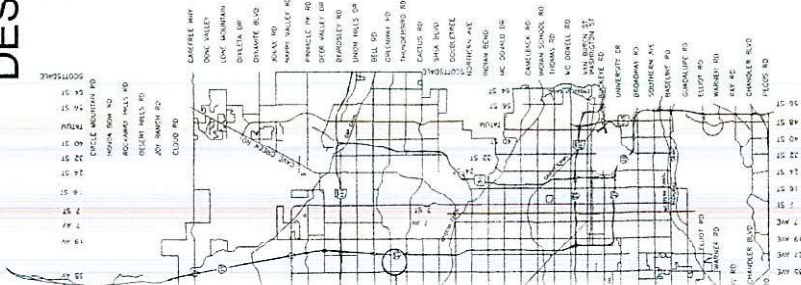
# CITY OF PHOENIX STREET TRANSPORTATION DEPARTMENT DESIGN & CONSTRUCTION MANAGEMENT DIVISION FLAMENCO DRIVE / COUNTRY GABLES DRIVE TRAFFIC CALMING IMPROVEMENTS

ST89320094-2



2013

*AS-BUILTS  
SUGGESTED 21 AUGUST 2013  
T.L. - DAVIS  
MRS. - VERVING  
MORRIS - CARROLL*



LENGTH OF PROJECT = 566.9 LF = 0.11 MILES

KEY MAP  
NTS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	NO.
9	ARZ	ST89320094-2	1
U.S. HWY. DP. DIV. CP. TOW.			

**MAYOR**  
GREG STANTON  
**CITY MANAGER**  
DAVID CAVAZOS

- CITY COUNCIL**
- DISTRICT NO. 1: THELDA WILLIAMS
  - DISTRICT NO. 2: JIM WARRING
  - DISTRICT NO. 3: BILL GATES
  - DISTRICT NO. 4: TOM SIMPLOT
  - DISTRICT NO. 5: DANIEL VALENZUELA
  - DISTRICT NO. 6: SAL DICICCO
  - DISTRICT NO. 7: MICHAEL NOWAKOWSKI
  - DISTRICT NO. 8: MICHAEL JOHNSON

**INDEX OF SHEETS**

- COVER SHEET
- LEGEND AND NOTES
- ROADWAY SUMMARY
- DETAILS SHEET
- DEMOLITION PLAN SHEET
- GEOMETRIC LAYOUT SHEET
- PAVING PLAN SHEET
- PLANT LEGEND AND NOTES
- PLANTING PLAN
- LANDSCAPING DETAILS
- IRRIGATION PLAN
- IRRIGATION DETAILS
- STREET LIGHT COVER SHEET
- STREET LIGHT SITE PLAN
- STREET LIGHT DETAIL SHEET

**CITY BENCHMARK:**

A CITY OF PHOENIX BRASS CAP FLUSH AT THE INTERSECTION OF 31ST AVENUE AND ACOMA DRIVE  
ELEVATION = 1290.295 (1610-29)

**BASIS OF BEARING:**

A LINE BETWEEN CITY OF PHOENIX BRASS CAP AT THE INTERSECTION OF 31ST AVENUE AND ACOMA DRIVE AND THE BRASS CAP AT THE INTERSECTION OF THE 31ST AVENUE & BANFET LANE INTERSECTION SAID LINE BEARS: N30°11'14"E, A DISTANCE OF 581.34'



"THE CITY OF PHOENIX OBSERVANCE OF AND THESE PLANS ARE FOR OFFICIAL USE ONLY. IT MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF A CONTRACT WITH THE CITY OF PHOENIX."

*2/27/13*  
DATE  
*2/25/13*  
DATE

CITY MAP  
NTS

CORPORATION DIRECTOR  
STATION DIRECTOR



**NOTES - CONTINUED...**

UNLESS OTHERWISE PROVIDED ON THE PLANS.

- THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING A.C. DRIVEWAYS SHALL BE FILLED WITH A MINIMUM OF 3" A.C.S.C. ON 100% COMPACTED NATIVE SOIL. WHERE EXISTING PAVEMENT AND BASE THICKNESS EXCEED THE MINIMUMS, MATCH THE EXISTING.
- THE SPACE BETWEEN THE BACK OF NEW SIDEWALKS AND EXISTING PRIVATE ENTRANCES AND THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING P.C.C. DRIVEWAYS SHALL BE FILLED WITH P.C.C. THE THICKNESS AND CLASS SHALL MATCH THAT OF THE NEW SIDEWALK OR DRIVEWAY ENTRANCE.
- THE SPACE BETWEEN THE BACK OF THE NEW SIDEWALKS, AND EXISTING A.C. PARKING LOTS, WHICH FALL WITHIN OR ABOUT THE R/W SHALL BE FILLED WITH 2" A.C.S.C. ON 100% COMPACTED NATIVE SOIL.

EXISTING IRRIGATION BERMS DISTURBED BY NEW CONSTRUCTION SHALL BE RECONSTRUCTED AS SHOWN ON PLANS.

CATCH BASIN ACCESS FRAME AND COVERS SHALL BE CONSTRUCTED PER C.O.P. DETAIL P1561.

**STRUCTURAL NOTES**

"CLEAR" DIMENSIONS FOR DEPTH OF REINFORCING STEEL ARE FROM FACE OF CONCRETE TO FACE OF IRMS.

ALL EXPOSED EDGES OF CONCRETE SHALL BE BEVELED OR ROUNDED.

ALL EXPOSED CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 601-3.03 - FINISHING CONCRETE, UNLESS OTHERWISE SPECIFIED.

**NOTES**

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS AND DETAILS, CITY OF PHOENIX SUPPLEMENTS TO MAG STANDARD SPECIFICATIONS AND DETAILS, AND MAG STANDARD SPECIFICATIONS AND DETAILS, IN THAT ORDER OF PRECEDENCE, AT THE TIME OF CONSTRUCTION BID.

ALL STORM SEWER MANHOLES ARE TO BE CONSTRUCTED WITHOUT STEPS. PIPE CONNECTIONS TO EXISTING CONCRETE PIPE MAINS SHALL BE MADE IN ACCORDANCE WITH DETAILS CALLED OUT ON THE PLANS. CONNECTION TO MAINS SHALL NOT BE CLOSER THAN 5" CENTER TO CENTER.

PIPE CONNECTIONS TO NEW PRECAST CONCRETE PIPE MAINS SHALL BE MADE WITH FACTORY MADE WELDS OR TEES. THE DETAIL OF THE FITTINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. PIPE CONNECTIONS TO NEW CAST IN PLACE CONCRETE PIPE MAINS SHALL BE MADE PER C.O.P. DETAIL P1576.

CATCH BASIN CONNECTOR PIPES SHALL BE LAID ON A STRAIGHT ALIGNMENT AND SLOPE UNLESS OTHERWISE SPECIFIED. IF BREAKS IN ALIGNMENT OR SLOPE ARE NECESSARY TO MEET FIELD CONDITIONS, THE MAXIMUM DEFLECTION SHALL BE 1/2" - 1/2". THE BREAKS SHALL BE CURVED TO A RADIUS OF 10' TO 15'. ANY ANGLE BREAKS GREATER THAN 22-1/2" SHALL BE PREFABRICATED.

CONNECTOR PIPES SHALL CONNECT TO CATCH BASIN WALLS AT AN ANGLE NOT TO EXCEED 22-1/2" FROM PERPENDICULAR.

FACTORIES WHICH ARE NOT SPECIFICALLY LOCATED WITH ACTUAL VERTICAL AND HORIZONTAL CONTROLS, ARE LOCATED ONLY APPROXIMATELY AND TO THE BEST AVAILABLE INFORMATION PROVIDED BY VARIOUS OWNERS OF THE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND COMPLETENESS OF THIS INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INITIATION OF CONSTRUCTION.

AT LEAST TWO WORKING DAYS BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT BLUESTAKE TO FIND AND FLAG UNDERGROUND UTILITIES. IF THEY ARE NOT ON BLUESTAKE SYSTEM.

VERTICAL CONTROL IS BASED ON NATIONAL GEODETIC SURVEY.

UNLESS OTHERWISE NOTED, STATIONS SHOWN ON PIPE PROFILES ARE ALONG CENTERLINE OF PIPE.

UNLESS OTHERWISE NOTED, PIPE SHALL BE BEDDED IN ACCORDANCE WITH CITY OF PHOENIX DETAIL P1200.

CATCH BASINS ARE STATIONED PERPENDICULAR TO THE CENTERLINE OF THE STREET AT THE CENTERLINE OF THE MAINTENANCE BASIN.

SEWERY SEWER MAINS AND TAPS CROSSING OVER STORM DRAIN MAINS SHALL BE SUPPORTED PER MAG DETAIL 403-1, 403-2, OR 403-3.

ALL EXISTING PRECAST CONCRETE SAFETY CURBS AND ALL EXISTING UNDERGROUND TELEPHONE DUCTS SHALL BE RESET TO THE RIGHT OF WAY AND APPROXIMATELY PARALLEL TO THE NEW CURB LINE. SAFETY CURBS SHALL BE RESET ON THE RIGHT OF WAY DIRECTLY OPPOSITE THEIR EXISTING LOCATION, WITH THE BACK EDGE ON THE RIGHT OF WAY LINE. ALL OTHER PRECAST CONCRETE SAFETY CURBS INSIDE THE STREET RIGHT OF WAY SHALL BE SALVAGED AND STOCK PILED FOR THE OWNER AT THE RIGHT OF WAY LINE.

EXISTING PRECAST CONCRETE SAFETY CURBS OUTSIDE THE RIGHT OF WAY, WHICH ARE DISTURBED BY NEW CONSTRUCTION SHALL BE RESET IN THEIR ORIGINAL POSITION BY THE CONTRACTOR.

ALL EXISTING DRIVEWAYS AND ALL EXISTING ALLEYS SHALL BE GRADED TO MATCH THE NEW WORK IN ACCORDANCE WITH STD. DETAIL P1164, UNLESS OTHERWISE SPECIFIED. EXISTING SURFACING SHALL BE REMOVED AND REPLACED AS NECESSARY.

**ADDITIONAL SYMBOLS**

- REMOVE EXISTING IMPROVEMENTS
- CONCRETE PAVERS
- ASPHALT CONCRETE

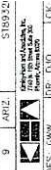
**KEY**

- 1 KEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B"
- 2 KEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A"
- 3 CURB & GUTTER - M.A.G. DETAIL 220 TYPE "A"
- 4 TYPE & SO. YD. PAVT. REPLACEMENT - C.O.P. DETAIL P1200
- 5 CONCRETE PAVEMENT OR SIDEWALK
- 6 CRETE SIDEWALK OR ALLEY ENT. PER DETAIL NO. ON PLANS
- 7 CRETE PAVERS
- 8 EXISTING PAVEMENT
- 9 CRETE SIDEWALK RAMP PER DETAIL ON PLANS
- 10 GROUND ELEVATION AT R/W LINE
- 11 COMPACTED TYPE
- 12 DITCH
- 13 IRRIGATION LINE W/SIZE (NOTE PRIVATE, SALT RIVER OR R.I.D.)
- 14 IRRIGATION STRUCTURE
- 15 IRRIGATION STANDPIPE
- 16 IIGATION STANDPIPE - M.A.G. DETAIL 503
- 17 IIGATION VALVE - M.A.G. DETAIL 506 W/ CONIC. SCOURING BASIN IN BERM
- 18 IIGATION STRUCTURE PER DETAIL ON PLANS
- 19 WATER LINE W/SIZE & TYPE (12" AND SMALLER)
- 20 WATER LINE W/SIZE & TYPE (GREATER THAN 12")
- 21 EXIST. WATER VALVE BOX - C.O.P. DETAIL P1391
- 22 SERVICE W/SIZE AND WATER METER BOX
- 23 FIRE HYDRANT
- 24 RELOCATED FIRE HYDRANT BY CONTRACTOR
- 25 WATER VALVE W/TOP OF OPERATING NUT ELEVATION
- 26 SANITARY SEWER LINE W/SIZE & TYPE (12" AND SMALLER)
- 27 SANITARY SEWER LINE W/SIZE & TYPE (GREATER THAN 12")
- 28 MANHOLE
- 29 BASIN, GUTTER INLET (LENGTH TO SCALE)
- 30 BASIN, CURB INLET (LENGTH TO SCALE)
- 31 BASIN, CURB & GUTTER INLET (LENGTH TO SCALE)
- 32 'E' FOR STORM DRAIN OR IRRIGATION LINE
- 33 'G' GAS LINE W/SIZE
- 34 UNDERGROUND ELECTRIC CABLE OR SINGLE CONDUIT
- 35 UNDERGROUND ELECTRIC CABLE OR SINGLE CONDUIT
- 36 UNDERGROUND ELECTRIC DUCT (SPECIFY NUMBER)
- 37 TELEPHONE BURIED CABLE OR SINGLE CONDUIT
- 38 UNDERGROUND TELEPHONE DUCT (SPECIFY NUMBER)
- 39 UNDERGROUND CABLE TV
- 40 UNDERGROUND FIBER OPTIC LINE
- 41 TRAFFIC SIGNAL POLE W/MAST ARM & SIGNAL INDICATORS
- 42 STREET OR TRAFFIC SIGN
- 43 UTILITY POLE W/LINE INDICATING WIRE DIRECTION
- 44 WIRE FENCE
- 45 BLOCK FENCE
- 46 WOOD FENCE
- 47 POWER POLE DOWN GUY ANCHOR
- 48 STREET LIGHT & POLE
- 49 TREE OR STUMP TO BE REMOVED - MORE THAN 12" DIA.
- 50 TREE TO BE TRANSPLANTED BY CONTRACTOR
- 51 NT LINE
- 52 UTILITY EASEMENT LINE (PUE)
- 53 USE THAIL EASEMENT LINE (NOTE)
- 54 G OR NEW R/W LINE
- 55 INT CENTER LINE OR MONUMENT LINE
- 56 G TREE OR STUMP TO BE REMOVED 12" DIA. OR LESS (NON PAY ITEM)
- 57 G TREE TO REMAIN

THE CITY OF PHOENIX ORDINANCE  
 THESE PLANS ARE FOR OFFICIAL  
 RECORD AND SHALL BE FILED  
 AS REQUIRED TO FULFILL THE O  
 YOUR CONTRACT WITH THE CITY



602-263-1000  
 1-800-STRE-IT



DESIGNER: G.M.W. BR. 0.00 CK.  
DATE: 1/13/15

ROADWAY SUMMARY SHEET NUMBERS

TOTAL QTY

UNIT

DESCRIPTION

DESCRIPTION	UNIT	5	6	9	10	TOTAL QTY
ALTERNATE FOR JACK COAT, TYPE SS-1H	SY		11.1	1075		1166
TYPE FOR PERMANENT PAVEMENT	TON		0.2	0.3		0.5
PER DETAIL	SF		14	227		241
GUTTER STD. DETAIL 240	SF		513	1543		2056
ALK. STD DETAIL P1239 (MODIFIED) 6"	SF			803		803
S. FOR SIDEWALK RAMPS	SF		20	1820		1840
(6" THICK, CLASS A)	SF			80		80
UNDER PANELS (6" THICK, CLASS A)	SF			143		143
RETE CURB AND GUTTER, STD DETAIL	LF			1360		1360
ETE SLAB PER MAG STD DET 220-1,	LF		89	421		510
ED	LF		72	58		130
E CURB, STD DET 222 TYPE "A"	LF		160	627		787
MANHOLE FRAME AND COVER, COP	EA			1		1
SEWER CLEAN-OUT FRAME AND	EA		1			1
P1270	EA					
TYPE "A" WATER VALVE, STD DETAIL	EA			2		2
D CEMENT CONCRETE SINGLE CURB;	LF	82	426			508
R; HEADER CURB OR EMBANKMENT	LF	20	2506			2526
10 CEMENT CONCRETE SIDEWALK,	SF					
GUTTER & SLAB	LF	500	140			640
ING STRIPING	EA			1		1
MAG STD DETAIL 120-1, TYPE "A"	CY			4		4
WHITE 3/4" MINUS FOR GENERAL	EA			58		58
ISON (COLD)	EA			1		1
3) PVC IRRIGATION PIPE	LF			403		403
LINE IRRIGATION PIPE, SCHEDULE 40	LF			14		14
4) PRESSURE BACKFLOW PREVENTION UNIT	EA			4		4
GATION)	EA			1		1
REMOTE CONTROL VALVE AND	EA			2		2
DRIP SYSTEM	EA			2		2
5) FILTER AND RISER ASSEMBLY FOR DRIP	EA			58		58
SYSTEM	EA			2		2
6) PVC IRRIGATION SLEEVE	LF			46		46
7) PVC IRRIGATION SLEEVE	LF			99		99
MASTER EAGLE CONTROLLER W/	EA			1		1
SECURITY CABINET	EA			1		1
8) ER BOX AND COVER, FURNISH &	EA			1		1
CONNECTION (MAIN TO METER, 3/4")	EA			1		1
HYDRANT	EA			1		1

STREET LIGHT QUANTITY  
ON THIS SHEET. SEE  
LIGHT COVER SHEET I  
QUANTITY

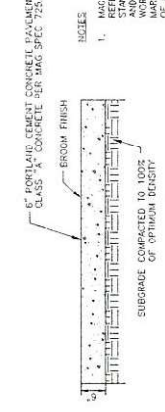
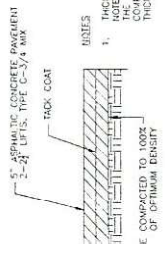
THE CITY OF PHOENIX DEPARTMENT OF PUBLIC WORKS  
THESE PLANS ARE FOR OFFICIAL USE ONLY. ANY CHANGES  
AS REQUIRED TO FULFILL THE JOB  
YOUR CONTRACT WITH THE CITY.

ROADWAY S  
CITY OF PHOENIX  
STREET TRANSPORTATION  
FLAMENCO DR & COU  
TRAFFIC CALMING I  
ST89320

DESIGNER: G.M.W. BR. 0.00 CK.  
DATE: 1/13/15

SCALE:

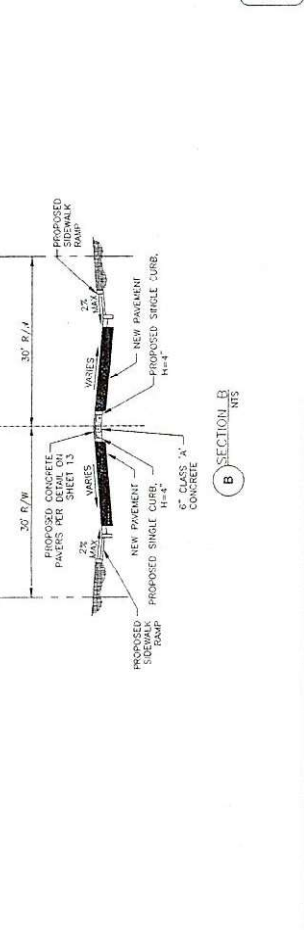
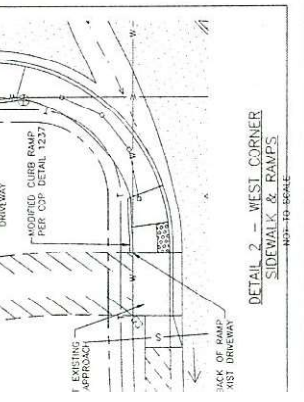
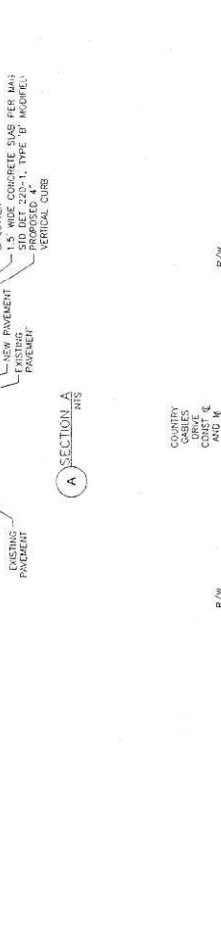
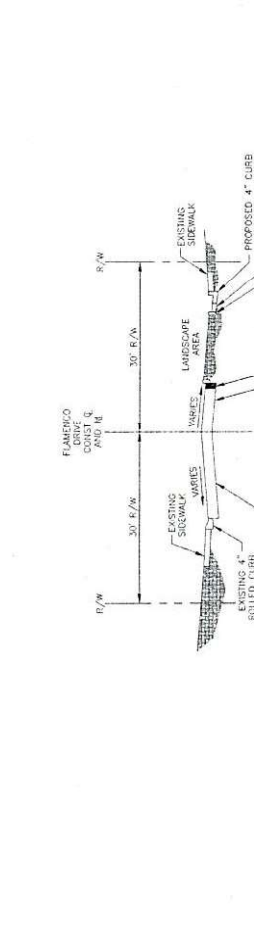
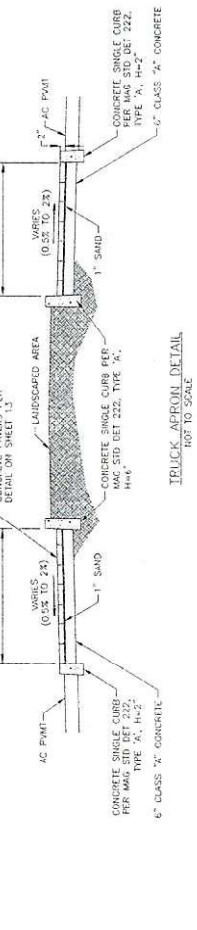
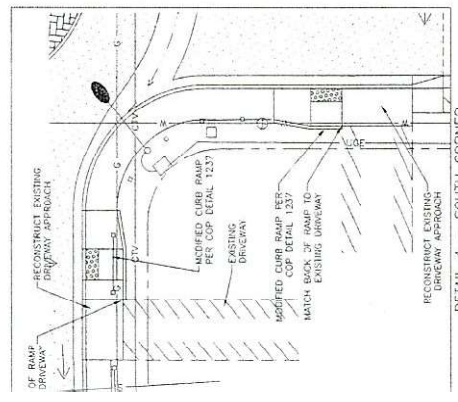
PROJ. NO.	STATE	PROJ.
9	ARIZ	ST8932
DES. LWN	DRN. DJO	CHK



**NOTES:**

- ALL SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, LATEST EDITION, AS ADOPTED BY THE ARIZONA ASSOCIATION OF GOVERNMENTS, LATEST EDITION.
- THICKNESSES SHOWN ARE MINIMUM COMPACTED THICKNESSES.

**STRUCTURAL SECTION 2 - CONCRETE SLAB**  
NOT TO SCALE



THE CITY OF PHOENIX DEPARTMENT OF PUBLIC WORKS HAS REVIEWED THESE PLANS FOR TECHNICAL ACCURACY AND COMPLIANCE WITH THE CITY'S STANDARD SPECIFICATIONS FOR PUBLIC WORKS. THIS REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLANS AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE USER OF THESE PLANS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE CITY OF PHOENIX DEPARTMENT OF PUBLIC WORKS. THESE PLANS ARE FOR OFFICIAL USE ONLY AND ARE NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE CITY OF PHOENIX DEPARTMENT OF PUBLIC WORKS.

**DETAILS:**  
CITY OF PHOENIX  
STREET TRANSPORTATION  
FLAMENCO DR & COUNTRY DR  
TRAFFIC CALMING  
ST89320

DATE: 1/13  
SCALE: N/A

602-263-1100  
1-800-STRE-IT  
PHOENIX, ARIZONA

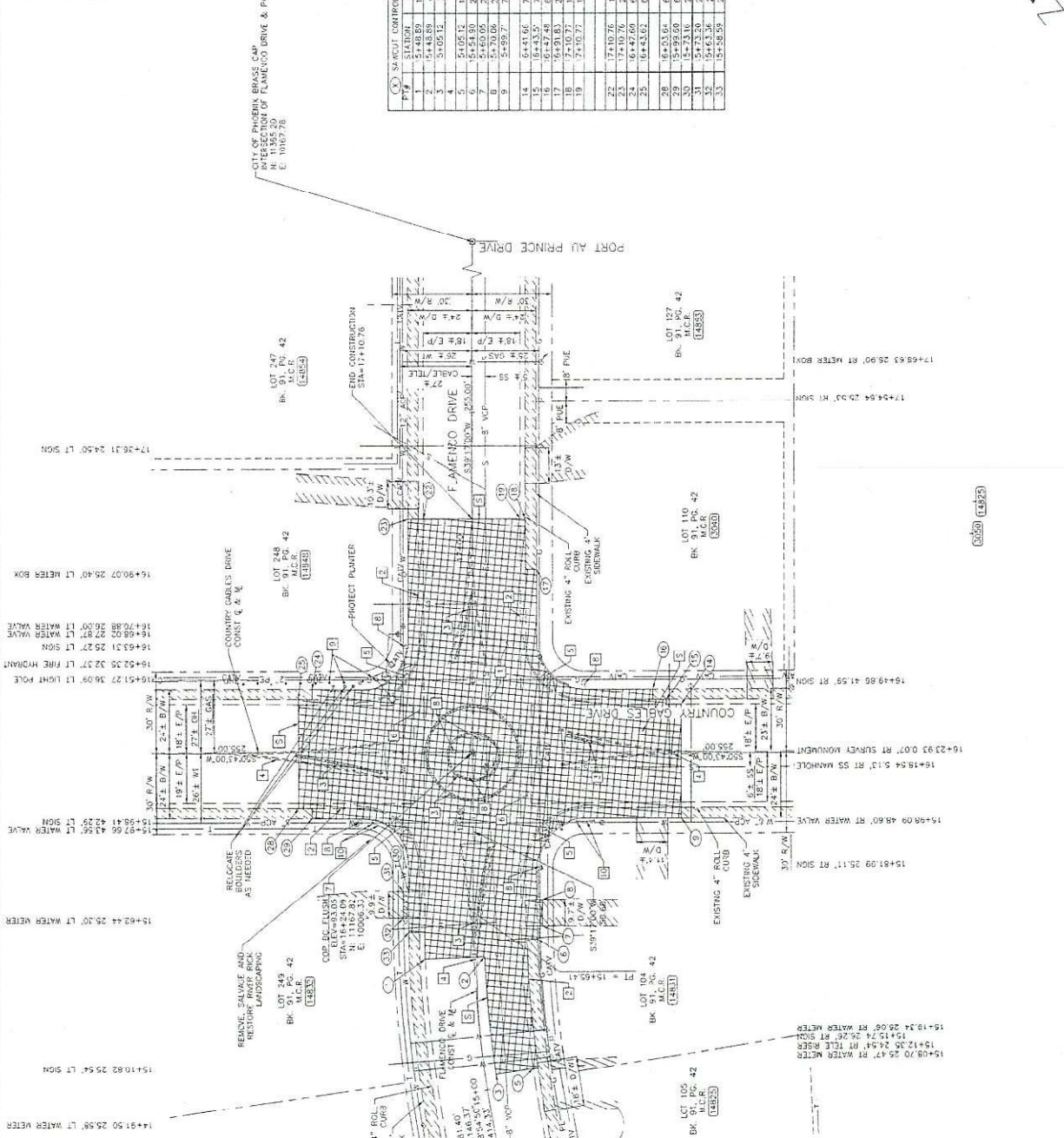




F.P.A.W.	STATE	PROJ.
REG. NO.	ARIZ.	STRASZON
DES. G.W.	DR. D.D.	OK.
<b>REMOVAL NOTE</b> DESCRIPTION 1 REMOVE ASPHALT CONCRETE P (PAID UNDER SUBGRADE PREP 2 SAWCUT & REMOVE CONCRETE AID GUTTER 3 EXIST TRAFFIC CONTROL DEVI CEMENT CONCRETE STREET TRANSPORTATION DEPAR 4 OBLITERATE EXISTING STRIPING 5 SAWCUT & REMOVE CONCRETE SIDEWALK AND RAMP 6 SAWCUT & REMOVE CONCRETE AND WALKWAY 7 REMOVE EXISTING STREET MAR 8 EXIST SIGNS TO BE REMOVED REPLACED BY CITY STREET TRANSPORTATION DEPARTMENT 9 EXISTING STEEL BOLLARDS TO BE REMOVED & RELOCATE EXISTING POST AND/OR FOOTINGS WHEN CONFLICT WITH NEW SIDEWALK CONSTRUCTION (SEE REMARK 14 REMOVED, FOOTINGS REMAIN)		

DEMOLITION P  
 CITY OF PHOENIX  
 STREET TRANSPORTATION  
 FLAMENCO DR & COU  
 TRAFFIC CALMING I  
 S189320

DATE: 1/13  
 DES. G.W.  
 DATE: 1/13  
 SCALE: 1" = 20' HORIZONTAL

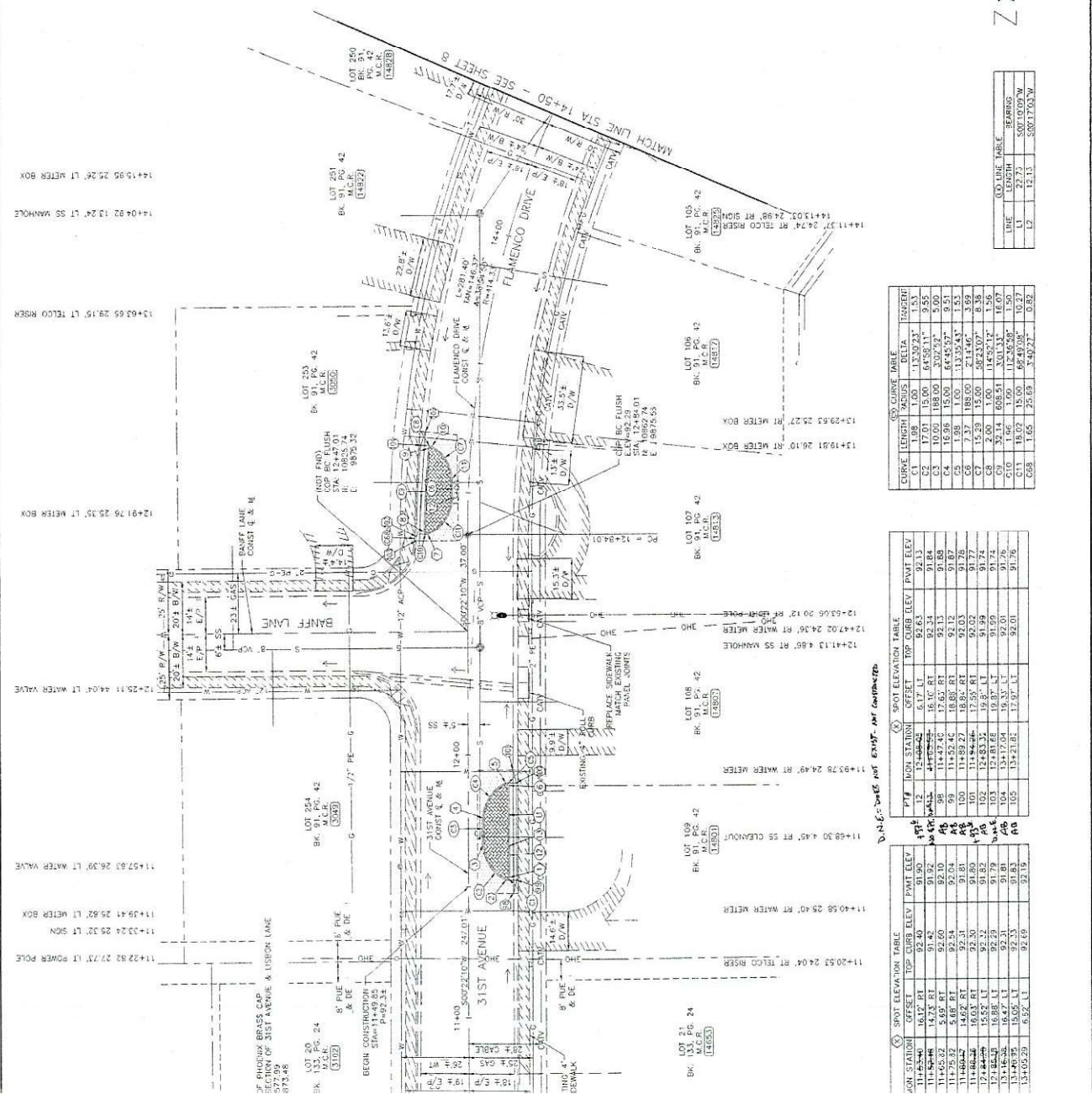


PT#	STATION	OFFSET
1	5+48.89	16.00' LT
2	5+50.12	16.00' LT
3	5+50.12	3.92' RT
4	5+05.12	16.00' RT
5	5+16.00	16.00' RT
6	5+27.00	16.00' RT
7	5+38.00	16.00' RT
8	5+49.00	16.00' RT
9	5+60.00	16.00' RT
10	5+71.00	16.00' RT
11	5+82.00	16.00' RT
12	5+93.00	16.00' RT
13	6+04.00	16.00' RT
14	6+15.00	16.00' RT
15	6+26.00	16.00' RT
16	6+37.00	16.00' RT
17	6+48.00	16.00' RT
18	6+59.00	16.00' RT
19	7+10.00	16.00' RT
20	7+21.00	16.00' RT
21	7+32.00	16.00' RT
22	7+43.00	16.00' RT
23	7+54.00	16.00' RT
24	8+05.00	16.00' RT
25	8+16.00	16.00' RT
26	8+27.00	16.00' RT
27	8+38.00	16.00' RT
28	8+49.00	16.00' RT
29	9+00.00	16.00' RT
30	9+11.00	16.00' RT
31	9+22.00	16.00' RT
32	9+33.00	16.00' RT
33	9+44.00	16.00' RT



602-253-100  
 1-800-STRE-IT  
 (PHOENIX AREA ONLY)

SEE CITY OF PHOENIX ORDINANCE  
 THESE PLANS ARE FOR OFFICIAL  
 USE ONLY. ANY CHANGES  
 AS REQUIRED TO FULFILL THE JOB  
 YOUR CONTRACT WITH THE CITY (



THE CITY OF PHOENIX ORDINANCE  
 THESE PLANS ARE FOR OFFICIAL USE  
 AND ARE NOT TO BE REPRODUCED OR  
 COPIED IN ANY MANNER WITHOUT  
 YOUR CONTRACT WITH THE CITY OF  
 PHOENIX.

**GEOMETRIC LAY**  
 STREET TRANSPORTATION  
 FLAMENCO DR & COUP  
 TRAFFIC CALMING II  
 ST18893200

DATE 1/13/13  
 DATE 1/13/13  
 DATE 1/13/13  
 DATE 1/13/13



NO. OF STATIONS: 100  
 602-263-1000  
 1-800-STRAKE-IT  
 PHOENIX, ARIZONA, U.S.A.

STATION	DATE	TIME	BY
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96	12.15	15.00	5007103.W
97	12.15	15.00	5007103.W
98	12.15	15.00	5007103.W
99	12.15	15.00	5007103.W
100	12.15	15.00	5007103.W

SPOT ELEVATION TABLE

MON STATION	OFFSET	TOP CURB ELEV	PVMT ELEV
11+40.58	16.17' R1	92.40	91.90
11+40.58	15.75' R1	91.40	91.92
11+40.58	15.33' R1	90.40	91.94
11+40.58	14.91' R1	89.40	91.96
11+40.58	14.49' R1	88.40	91.98
11+40.58	14.07' R1	87.40	92.00
11+40.58	13.65' R1	86.40	92.02
11+40.58	13.23' R1	85.40	92.04
11+40.58	12.81' R1	84.40	92.06
11+40.58	12.39' R1	83.40	92.08
11+40.58	11.97' R1	82.40	92.10
11+40.58	11.55' R1	81.40	92.12
11+40.58	11.13' R1	80.40	92.14
11+40.58	10.71' R1	79.40	92.16
11+40.58	10.29' R1	78.40	92.18
11+40.58	9.87' R1	77.40	92.20
11+40.58	9.45' R1	76.40	92.22
11+40.58	9.03' R1	75.40	92.24
11+40.58	8.61' R1	74.40	92.26
11+40.58	8.19' R1	73.40	92.28
11+40.58	7.77' R1	72.40	92.30
11+40.58	7.35' R1	71.40	92.32
11+40.58	6.93' R1	70.40	92.34
11+40.58	6.51' R1	69.40	92.36
11+40.58	6.09' R1	68.40	92.38
11+40.58	5.67' R1	67.40	92.40
11+40.58	5.25' R1	66.40	92.42
11+40.58	4.83' R1	65.40	92.44
11+40.58	4.41' R1	64.40	92.46
11+40.58	3.99' R1	63.40	92.48
11+40.58	3.57' R1	62.40	92.50
11+40.58	3.15' R1	61.40	92.52
11+40.58	2.73' R1	60.40	92.54
11+40.58	2.31' R1	59.40	92.56
11+40.58	1.89' R1	58.40	92.58
11+40.58	1.47' R1	57.40	92.60
11+40.58	1.05' R1	56.40	92.62
11+40.58	0.63' R1	55.40	92.64

SPOT ELEVATION TABLE

MON STATION	OFFSET	TOP CURB ELEV	PVMT ELEV
12+02.24	16.17' R1	92.40	92.63
12+02.24	15.75' R1	91.40	92.65
12+02.24	15.33' R1	90.40	92.67
12+02.24	14.91' R1	89.40	92.69
12+02.24	14.49' R1	88.40	92.71
12+02.24	14.07' R1	87.40	92.73
12+02.24	13.65' R1	86.40	92.75
12+02.24	13.23' R1	85.40	92.77
12+02.24	12.81' R1	84.40	92.79
12+02.24	12.39' R1	83.40	92.81
12+02.24	11.97' R1	82.40	92.83
12+02.24	11.55' R1	81.40	92.85
12+02.24	11.13' R1	80.40	92.87
12+02.24	10.71' R1	79.40	92.89
12+02.24	10.29' R1	78.40	92.91
12+02.24	9.87' R1	77.40	92.93
12+02.24	9.45' R1	76.40	92.95
12+02.24	9.03' R1	75.40	92.97
12+02.24	8.61' R1	74.40	92.99
12+02.24	8.19' R1	73.40	93.01
12+02.24	7.77' R1	72.40	93.03
12+02.24	7.35' R1	71.40	93.05
12+02.24	6.93' R1	70.40	93.07
12+02.24	6.51' R1	69.40	93.09
12+02.24	6.09' R1	68.40	93.11
12+02.24	5.67' R1	67.40	93.13
12+02.24	5.25' R1	66.40	93.15
12+02.24	4.83' R1	65.40	93.17
12+02.24	4.41' R1	64.40	93.19
12+02.24	3.99' R1	63.40	93.21
12+02.24	3.57' R1	62.40	93.23
12+02.24	3.15' R1	61.40	93.25
12+02.24	2.73' R1	60.40	93.27
12+02.24	2.31' R1	59.40	93.29
12+02.24	1.89' R1	58.40	93.31
12+02.24	1.47' R1	57.40	93.33
12+02.24	1.05' R1	56.40	93.35
12+02.24	0.63' R1	55.40	93.37

SPOT ELEVATION TABLE

MON STATION	OFFSET	TOP CURB ELEV	PVMT ELEV
12+02.24	16.17' R1	92.40	92.63
12+02.24	15.75' R1	91.40	92.65
12+02.24	15.33' R1	90.40	92.67
12+02.24	14.91' R1	89.40	92.69
12+02.24	14.49' R1	88.40	92.71
12+02.24	14.07' R1	87.40	92.73
12+02.24	13.65' R1	86.40	92.75
12+02.24	13.23' R1	85.40	92.77
12+02.24	12.81' R1	84.40	92.79
12+02.24	12.39' R1	83.40	92.81
12+02.24	11.97' R1	82.40	92.83
12+02.24	11.55' R1	81.40	92.85
12+02.24	11.13' R1	80.40	92.87
12+02.24	10.71' R1	79.40	92.89
12+02.24	10.29' R1	78.40	92.91
12+02.24	9.87' R1	77.40	92.93
12+02.24	9.45' R1	76.40	92.95
12+02.24	9.03' R1	75.40	92.97
12+02.24	8.61' R1	74.40	92.99
12+02.24	8.19' R1	73.40	93.01
12+02.24	7.77' R1	72.40	93.03
12+02.24	7.35' R1	71.40	93.05
12+02.24	6.93' R1	70.40	93.07
12+02.24	6.51' R1	69.40	93.09
12+02.24	6.09' R1	68.40	93.11
12+02.24	5.67' R1	67.40	93.13
12+02.24	5.25' R1	66.40	93.15
12+02.24	4.83' R1	65.40	93.17
12+02.24	4.41' R1	64.40	93.19
12+02.24	3.99' R1	63.40	93.21
12+02.24	3.57' R1	62.40	93.23
12+02.24	3.15' R1	61.40	93.25
12+02.24	2.73' R1	60.40	93.27
12+02.24	2.31' R1	59.40	93.29
12+02.24	1.89' R1	58.40	93.31
12+02.24	1.47' R1	57.40	93.33
12+02.24	1.05' R1	56.40	93.35
12+02.24	0.63' R1	55.40	93.37

NOTE: DATE NOT KNOWN - SEE CONTRACT.



F 1/4	STATE	PROJ.
9	ARIZ.	578932G
		
27784 TRAFFIC CALMING FLAMENCO DRIVE & COUN ST 893200G		
DES. BY	DR. DTD	CHK.
M	M	C
MATCH ENGINING		

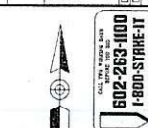
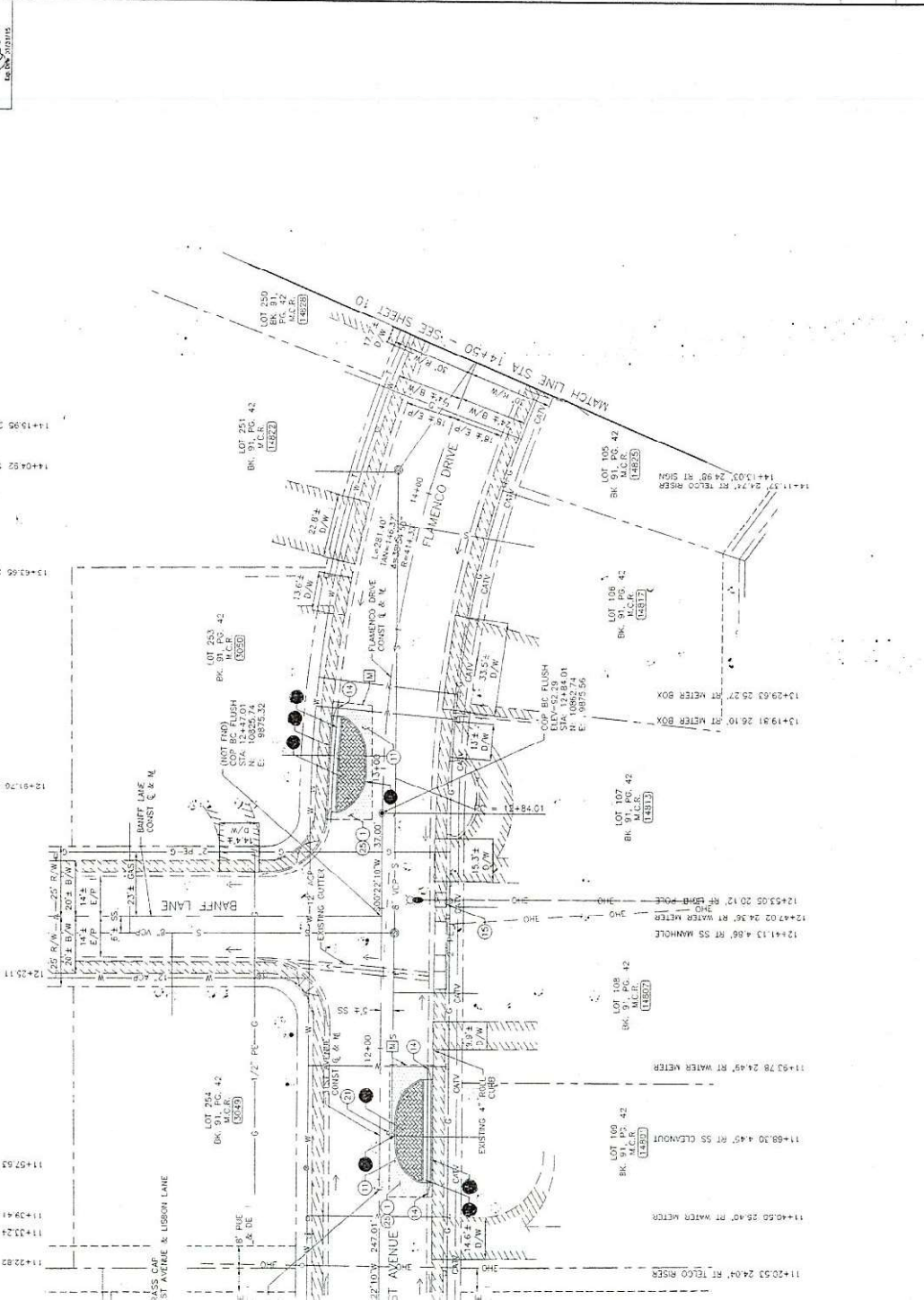
CONSTRUCTION N	DESCRIPTION
1	CONSTRUCT 5" ASPHALT CONC STRUCTURAL SECTIC SEE SHEET
2	CONSTRUCT CONCRETE SINGLE PER MAG STD DET 272, TYPE H=4"
3	CONSTRUCT CONCRETE VERTICAL CURB PER MAG STD DET 272, TYPE "A", H=4"
4	CONSTRUCT CONCRETE SLAB PER DET 272, TYPE "A", H=4" AND DETAIL ON SHEET 4
5	SUBGRADE PREPARATION
6	5' CURB TRANSITION FROM 4" CURB TO 4" VERTICAL CURB
7	CONSTRUCT SIDEWALK PER CON DET 14220 (MOUNTED), 6" TH
8	CONCRETE PAVERS SEE DETAIL SHEET 13
9	ADJUST SANITARY SEWER CLEAN PER COP STD DET P12
10	PAVEMENT ASPHALT FOR TRUCK TYPE 55-11"

GENERAL NOTE  
 1. PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH STREET TRANSPORTATION DEPARTMENT


THE CITY OF PHOENIX ORDINANCE 15-0010, WHICH REQUIRES THAT ALL TRAFFIC CALMING DEVICES AND MARKINGS BE SHARED WITH THE CITY OF PHOENIX AS REQUIRED TO FULFILL THE OBLIGATION OF THE CONTRACT WITH THE CITY OF PHOENIX.

**PAVING PLAN**  
 CITY OF PHOENIX  
 STREET TRANSPORTATION  
 FLAMENCO DR & COUN  
 TRAFFIC CALMING IN  
 ST 893200G

DATE: 05/13  
 DATE: 11/13  
 SCALE: 1" = 20' HORIZONTAL



CALL THE NUMBER  
**602-263-1100**  
**F-800-STRA-IT**  
 PHOENIX, ARIZONA 85004

F.H.W.A. REGION	STATE	PROJ.
9	ARIZ.	SIB012
		
DESIGNER	DRAWN	CHECKED
CS	DM	CC
MATCH EXISTING		

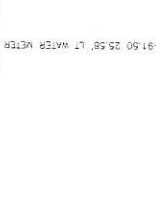
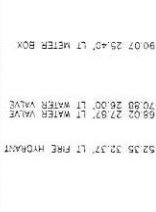
CONSTRUCTION I	
DESCRIPTION	NOTES
1. CONSTRUCT 1" ASPHALT CORE C.N. SEE SHEET 1100-1000	
2. CONSTRUCT CONCRETE SINGLE PER MAG STD DET 222, TYPE H-4	
3. CONSTRUCT CONCRETE VERRIC & CUTTER PER MAG STD DET 222, TYPE H-4	
4. CONSTRUCT CONCRETE SIDEWALK PER COP STD DET P1237	
5. CONSTRUCT CONCRETE SINGLE PER MAG STD DET 222, TYPE H-4	
6. CONSTRUCT CONCRETE SINGLE PER MAG STD DET 222, TYPE H-4	
7. CONSTRUCT CONCRETE SINGLE PER MAG STD DET 222, TYPE H-4	
8. CONSTRUCT CONCRETE SINGLE PER MAG STD DET 222, TYPE H-4	
9. CONSTRUCT CONCRETE SINGLE PER MAG STD DET 222, TYPE H-4	
10. 1.5" WIDE CONCRETE SLAB PER MAG STD DET 220-1, TYPE "B" MC AND DETAIL ON SHEET 4	
11. SURFACE PREPARATION	
12. ADJUST WATER VALVE TO GRADE	
13. CONSTRUCT CONCRETE APRON VALLET GUTTER PER MAG STD DET P1237	
14. 5" CURB TRANSITION FROM 4" CURB TO 4" VERTICAL CURB	
15. CONSTRUCT SIDEWALK PER COP DET P1230 (MODIFIED), 6" TH	
16. CONSTRUCT TRUCK APRON PER MAG STD DET 220-1, TYPE "B" MC ON SHEET 4 AND DETAIL ON SHEET 11	
17. IRRIGATION SLEEPING, SEE SHEET 1100-1000	
18. CONSTRUCT SURVEY MARKER I STD DET 120-1, TYPE "B"	
19. CONSTRUCT 3/4" WATER SERVICE CONNECTION FOR IRRIGATION; REFER TO IRRIGATION PLANS FOR CONNECTION	
20. CONCRETE PAVERS SEE DETAIL SHEET 1100-1000	
21. ADJUST SINKER MANHOLE PER DET P1422	
22. RELOCATE EXISTING FIRE HYDRANT TO SIDEWALK PER COP DET P1237	
23. CONSTRUCT CONCRETE SUGRA PER DETAIL ON SHEET 4	
24. EMULSIFIED ASPHALT FOR TACK TYPE SS-1H	
25. CONSTRUCT CONCRETE SLAB FLOOR PER DETAIL ON SHEET 1100-1000	
26. CONCRETE PAVERS SEE DETAIL SHEET 1100-1000	

GENERAL NOTE  
 1. PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR LANDSCAPING SEE LANDSCAPING SHEETS 11 THROUGH 15  
 2. FOR CITY OF PHOENIX, ARIZONA, THESE PLANS ARE FOR OFFICIAL USE ONLY. CONTRACTOR SHALL COORDINATE WITH THE CITY OF PHOENIX.

602-263-1100  
 1400-STRATFORD  
 PHOENIX, ARIZONA 85004

DATE: 12/13  
 DATE: 1/13  
 DATE: 1/13  
 SCALE: 1" = 20' HORIZONTAL

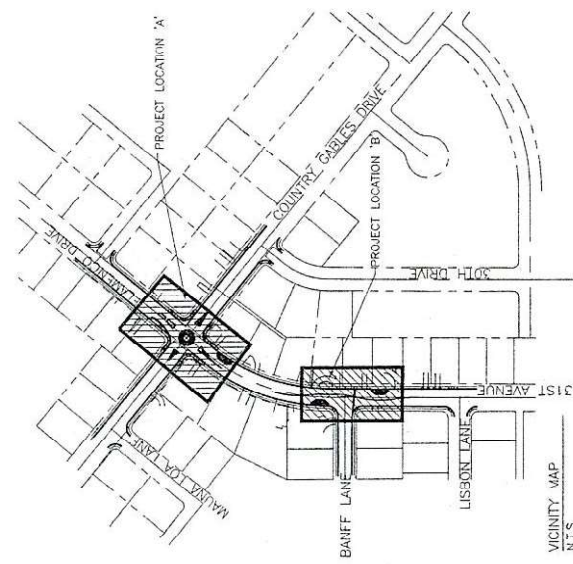
PAVING PLAN  
 CITY OF PHOENIX  
 STREET TRANSPORTATION  
 FLAMENCO DR & COUI  
 TRAFFIC CALMING II  
 ST189320C





**MATERIALS LEGEND**

SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	NOTES
(T)	Persea Florida	Blue Palo Verde	19 Gal.	1	Single Trunk
(S)	Euphorbia affinis	Gopher Plant	5 Gal.	4	Spacing: Per Plans
(A)	Aloe barbadensis	Medicinal Aloe	5 Gal.	20	Spacing: Per Plans
(G)	Euphorbia corollata 'New Gold'	New Gold Lantana	5 Gal.	34	Spacing: Per Plans
(N)	Granite	COLOR: Express Gold SIZE: 1/2" Screened	CY	4	2" Depth of granite within all planting areas or as designated on plans.

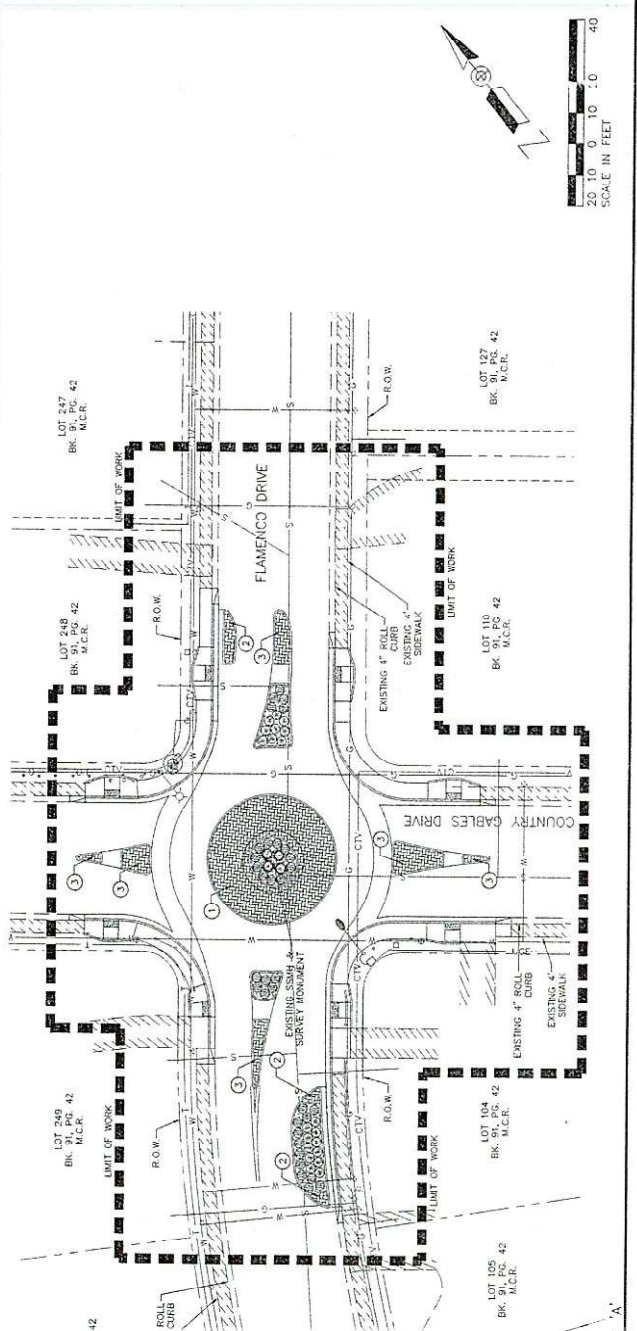


602-263-1100  
 1800-STREET  
 SCALE: N.T.S.

**PLANT LEGEND**  
 CITY OF PHOENIX  
 STREET TRANSPORTAT  
 FLAMENCO DR & COU  
 TRAFFIC CALMING I  
 ST893320  
 THE CITY OF PHOENIX OBTAINS ALL RIGHTS AND MAY NOT BE SHARED WITH OTHERS AS REQUIRED TO FULFILL THE OBLIGATIONS OF THIS CONTRACT WITH THE CITY OF PHOENIX.

NECESSITATED BY THE WORK AS IT PROGRESSES AND NOT SPECIFICALLY CALLED OUT IN THE MATERIALS LEGEND, SHALL BE CONSIDERED INCIDENTAL WORK.  
 PLANTING MATERIALS, METERS, AND BOXES (INCLUDING IRRIGATION) SHALL BE ADJUSTED TO FIT THE SITE AND SHALL BE INCIDENTAL TO CONSTRUCTION WORK.  
 SITUATIONS, TYPE, OR QUANTITY DEVIATIONS FROM THE APPROVED LANDSCAPE PLAN SHALL BE AUTHORIZED IN WRITING BY THE OWNER'S REPRESENTATIVE AND APPROVED BY THE ARCHITECT.  
 PLANTING MATERIALS SHALL BE HEALTHY, VIGOROUS, WELL BRANCHED, AND DENSELY FOLIATED. PLANTING MATERIALS SHALL BE TYPICAL FOR THE SPECIES. THEY SHALL HAVE HEALTHY, WELL DEVELOPED ROOT SYSTEMS AND BE FREE FROM DISEASE, INJURY, OR OTHER ABNORMALITIES. PLANTING MATERIALS SHALL BE OBTAINED FROM A REPUTABLE NURSERY OR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.  
 PLANTING MATERIALS SHALL BE PLANTED AT THE LOCATION OF ALL PLANT MATERIALS, AND SHALL HAVE BEEN APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO DIGGING.  
 PLANTING MATERIALS SHALL BE PLANTED AT A MINIMUM OF 24" FROM EDGE OF WALKS, WALLS, BUILDINGS, OR OTHER STRUCTURES UNLESS DIRECTED OTHERWISE BY THE LANDSCAPE ARCHITECT.  
 PLANTING MATERIALS SHALL BE AMENDED AS DETAILED.  
 PLANTING MATERIALS SHALL HAVE A FULL HEAD THAT COVERS THE CAN DIAMETER AND A MINIMUM OF 1/2" BELOW ALL CURBS, WALKS, WALLS, AND PAVING WITHIN 12" OF EDGES OF STRUCTURES.  
 IF TURF AND/OR NATIVE SOIL SHALL SLOPE AT A 2% GRADE AWAY FROM CURBS, WALKS, WALLS, AND PAVING.  
 ALL CONCRETE PADS SHALL HAVE A GROSS SLOPE OF 1.5%. SEE MATERIALS LEGEND FOR DETAILS.  
 FINISH GRADE SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO PLANTING AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT. FINISH GRADE SHALL BE SMOOTH AND EVEN THROUGHOUT THE PROJECT.  
 THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL PLANTING MATERIALS PRIOR TO PLACEMENT OF GRANITE. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE ENTIRE PROJECT FOR 90 DAYS AFTER COMPLETION OF THE MAINTENANCE PERIOD.  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PLANTING MATERIALS THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PLANTING MATERIALS THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PLANTING MATERIALS THROUGHOUT THE PROJECT.

FED. STATE	PRJG.
9 ARIZ.	STB832
DES: LUC	DR: AV
DATE: 7/13	DATE: 7/13
SCALE: 1" = 20' HORIZONTAL	



- PROJECT KEY NOTES**
- 4" x 8" HOLLAND ST PAVERS PER WORK AP 1 ON SHEET 13
  - 4" x 8" HOLLAND ST PAVERS—SEE DETAIL 1
  - 4" x 8" HOLLAND ST PAVERS—SEE DETAIL 2

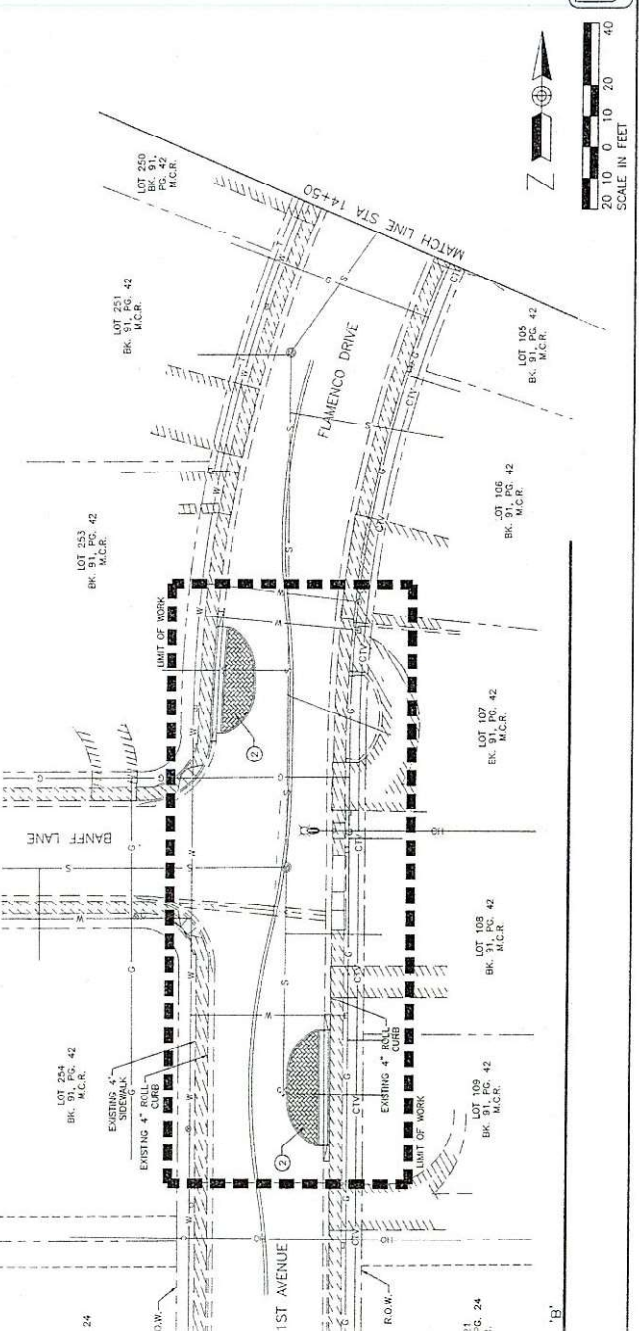
"THE CITY OF PHOENIX ASSUMES NO LIABILITY FOR THESE PLANS BEING FOR OFFICIAL USE AND MAY NOT BE SHARED WITH OTHERS WITHOUT THE WRITTEN CONSENT OF THE CITY ENGINEER. YOUR CONTRACT WITH THE CITY OF PHOENIX SUPERSEDES THESE PLANS."

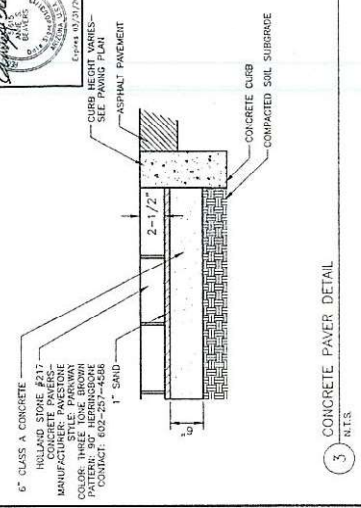
**PLANTING**

CITY OF PHOENIX  
STREET TRANSPORTATION  
FLAMENCO DR & COUNTRY CABLES DR  
ST 893201

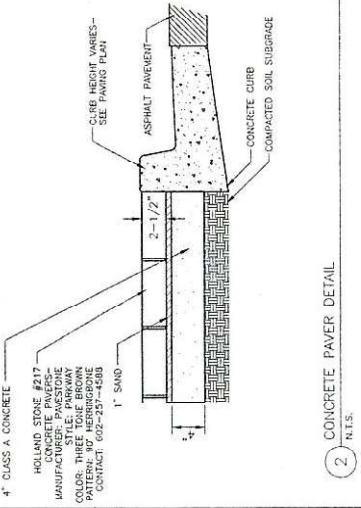
DATE: 7/13  
SCALE: 1" = 20' HORIZONTAL

602-263-1100  
1-800-STAR-IT  
PHOENIX, ARIZONA, U.S.A.

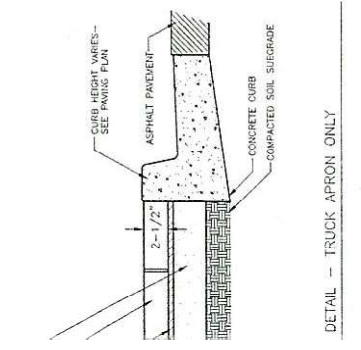




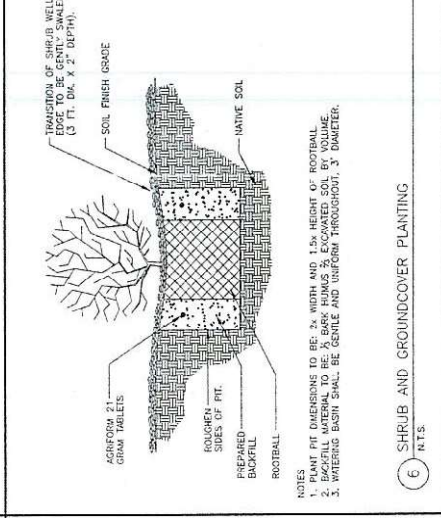
3 CONCRETE PAVER DETAIL  
 N.T.S.



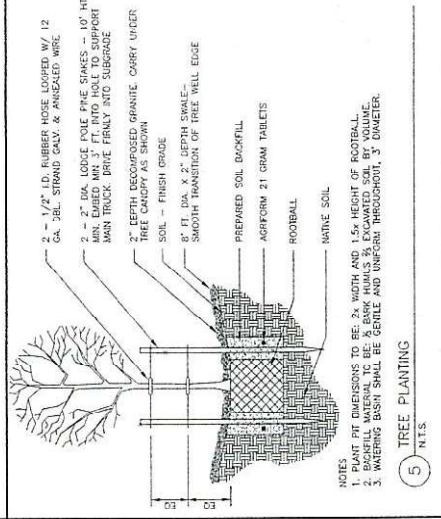
2 CONCRETE PAVER DETAIL  
 N.T.S.



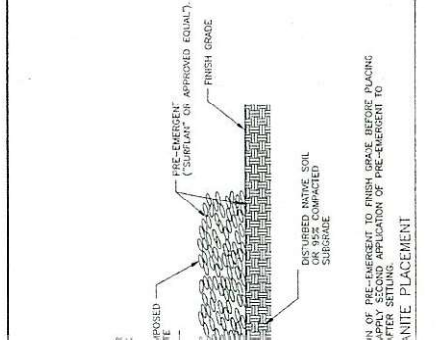
DETAIL -- TRUCK APRON ONLY



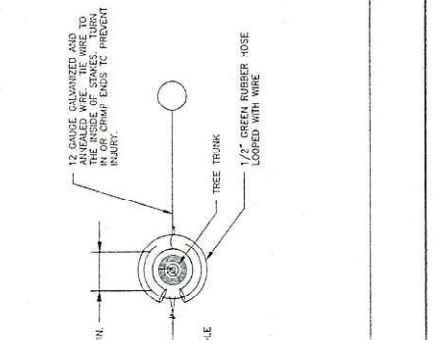
6 SHRUB AND GROUNDCOVER PLANTING  
 N.T.S.



5 TREE PLANTING  
 N.T.S.



IN ALL PRE-EMERGENT TO FINISH GRADE BEFORE PLACING AND AFTER SECOND APPLICATION OF PRE-EMERGENT TO FINITE PLACEMENT

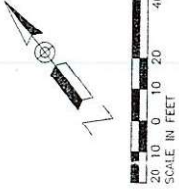
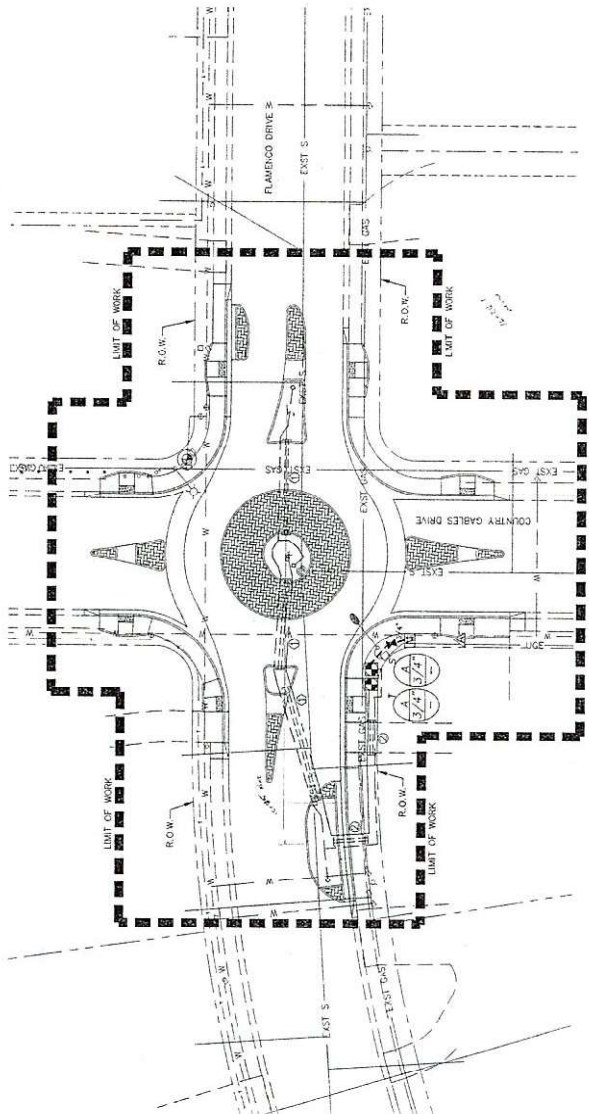




FLY STATE PIRG  
 9 ARZ ST8932

DES: DJC DR: AV

EXPIRES 03/31/2022



SYMBOL	DESCRIPTI
---	PVC MAINLINE 40 SPEARS
---	PVC LATERAL SPEARS OR
---	PVC LATERAL SPEARS OR
---	SCHEDULE 4 SLEEVE SPE
---	SCHEDULE 4 SLEEVE SPE
M	3/4" WATER
1"	1" BACKFLOW FEBCO 825Y OF PHX DET
DRIP VALVE 7	DRIP VALVE 7 RAINBIRD XC2
A	CONTROLLER RAINMASTER 1/2" 120V 4000 ENCL 4000 ENCLOSURE
◇	FLUSH CAP RAINBIRD
—	VALVE BOX RAINBIRD
○	SHRUB/TR
○	VALVE DES
○	VALVE SIZI 3/4 GALLONS 1 MINUTE

IRRIGATION SLEEVI

○ X INSTALL 2" SCH. 40 P

○ X INSTALL 4" SCH. 40 P

NOTE: X EQUALS 000

THE CITY OF PHOENIX GREENMARKING AND PAINTING SHALL BE SHOWN AS REQUIRED TO FULFILL THE OBLIGATIONS OF THE CONTRACT WITH THE CITY.

**IRRIGATIO**

**CITY OF PHOEN**

**STREET TRANSPORT**

**FLAMENCO DR & COU**

**TRAFFIC CALMING I**

**ST89320**

DES: DJC DR: AV

EXPIRES 03/31/2022

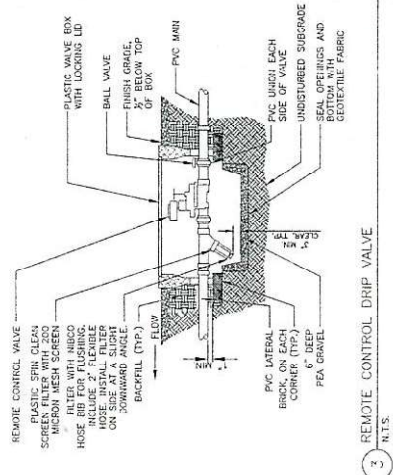
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1-800-STRENET

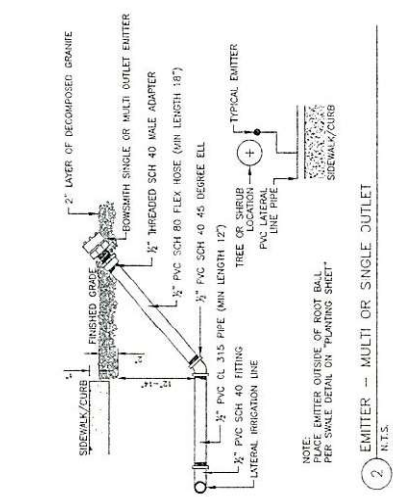
- IRRIGATION NOTES- CONT.
- ALL NEW AND EXISTING UTILITY BOXES, IRRIGATION CONTROLLER, AND BACKFLOW PREVENTOR CAGES SHALL BE PAINTED 'DESERT TAN'. ALL UNDERGROUND IRRIGATION BOXES SHALL BE 'DESERT TAN'.
  - INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.
  - CONTROL WIRING FOR THE PROJECT SHALL BE U.S. APPROVED FOR DIRECT UNDERGROUND BURIAL. CONTROLLER SHALL HAVE ITS OWN COMMON WIRE TO RESPECTIVE VALVES. IF PLACED IN THE SAME TRENCH AS IRRIGATION PIPE, THE MINIMUM HORIZONTAL SEPARATION SHALL BE SIX (6) INCHES.
  - PERFORM AN OPERATIONAL TEST OF THE IRRIGATION SYSTEM IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. CONTACT THE OWNER'S REPRESENTATIVE THREE WORKING DAYS PRIOR TO TESTING. PERFORM A TEST OF THE BACKFLOW PREVENTER IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE.
  - MAINTAIN ON-SITE AND SEPARATE FROM DOCUMENTS USED FOR CONSTRUCTION, ONE COMPLETE SET OF CONTROL AND IRRIGATION SYSTEM DRAWINGS. THESE DRAWINGS SHALL BE KEPT PERMANENTLY COVER WORK UNTIL AS-BUILT INFORMATION IS RECEIVED.
  - ALL IRRIGATION MAINLINE SHALL BE PLACED A MINIMUM OF 1'-0" FROM BACK OF WALKWAY, CURB OR PROPERTY WALL.
  - USE LARGE RADIUS SWEEP ELL BELOW CONTROLLER FOR VALVE WIRES THAT SUPPLY 110V, 15 amp POWER SOURCE. HARD WIRE TO J-BOX.
  - POINT OF CONNECTIONS-- USE TYPE 'K' COPPER MINIMUM 5" BETWEEN SOURCE AND BACKFLOW PREVENTER.
  - VALVES, PVC LATERALS AND MAINLINE SHOULD BE INSTALLED ON UPHILL SIDE OF SLOPE AT ALL TIMES. ALL SUB-LATERAL LINES SHOULD BE FED DOWNHILL OF ALL SLOPES.
  - MARK BACK OF EXISTING AND NEW CURBS AT SLEEVE LOCATIONS BY NOTCHING A 2" "V" OR P-LACING REBAR VERTICAL 50 TOP OF BAR IS 6" BELOW FINISH GRADE.
  - PROVIDE 2' VERTICAL CLEARANCE BETWEEN THE IRRIGATION LINE AND EXISTING WATERLINE.
  - IRRIGATION PIPE TO BE A MINIMUM OF 6" FROM EXISTING CITY WATERLINES.

- BECOME FAMILIAR WITH THE SPECIFICATIONS AND IRRIGATION DETAILS FOR THE PROJECT PRIOR TO CONSTRUCTION.
- BEFORE YOU DIG) OF UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN PLANS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN DISCOVERED. BRING ALL SUCH DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- BEFORE THE FOLLOWING SHOULD BE NOTED:
- ALL IRRIGATION PIPE AND WIRING IN LANDSCAPE AREAS WHENEVER POSSIBLE SHOULD BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY. AVOID PLANTING MATERIALS AND ARCHITECTURAL FEATURES THAT MAY OBSCURE THE IRRIGATION PIPE AND WIRING.
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  - IRRATION PIPE AND WIRING IN LANDSCAPE AREAS WHENEVER POSSIBLE SHOULD BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY. AVOID PLANTING MATERIALS AND ARCHITECTURAL FEATURES THAT MAY OBSCURE THE IRRIGATION PIPE AND WIRING.

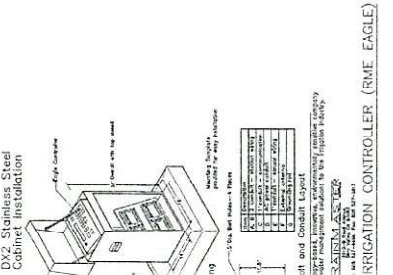
F.P.O.A. NO.	STATE	PROJ.
9	ARIZ.	ST89320
DES. BY	DATE	SCALE
DES. BY	DATE	SCALE



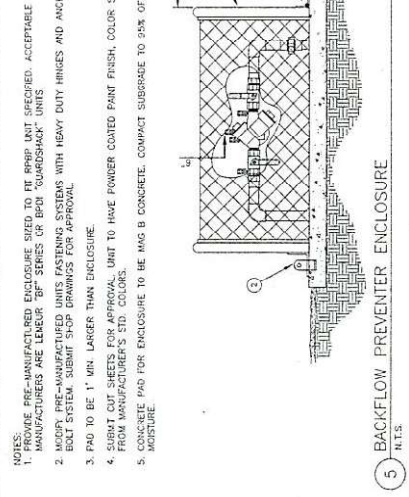
3 REMOTE CONTROL DRIP VALVE  
N.T.S.



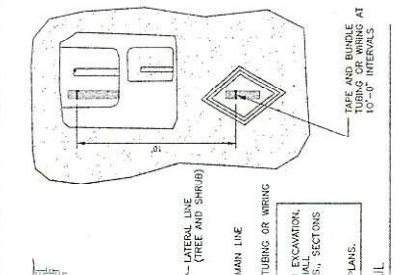
2 EMITTER - MULTI OR SINGLE OUTLET  
N.T.S.



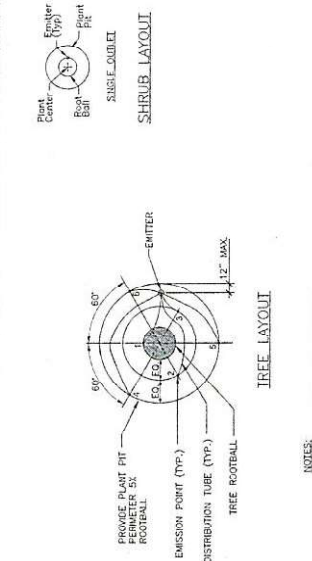
1 IRRIGATION CONTROLLER (RME EAGLE)  
N.T.S.



5 BACKFLOW PREVENTER ENCLOSURE  
N.T.S.



4 LATERAL LINE (TREE AND SHRUB)  
N.T.S.



SHRUB LAYOUT  
TREE LAYOUT  
N.T.S.

COMMON NAME	FLOW PER OUTLET (GPH)	QTY.	TYPE OF EMITTER	NUMBER OF PORTS OPEN	TOTAL FLOW PER PLANT (GPH)
Blue Palo Verde	1 GPH	1	2-MULTI OUTLETS	6	12
Copper Plant	1 GPH	1	1-SINGLE OUTLET	1	1
Medicinal Aloe	1 GPH	1	1-SINGLE OUTLET	1	1
New Gold Lantana	1 GPH	1	1-SINGLE OUTLET	1	1

6 SCHEDULE  
N.T.S.

TREE CITY OF PHOENIX ORDINANCE  
THESE PLANS ARE FOR OFFICIAL  
AND MAY NOT BE SHARED WITH  
ANY OTHER PARTY WITHOUT THE  
YOUR CONTRACT WITH THE CITY

IRRIGATION  
CITY OF PHOENIX  
STREET TRANSPORTA  
FLAMENCO DR & COL  
TRAFFIC CALMING  
ST89320

DES. BY: DATE: SCALE: N.T.S.





NOTES:  
1. PROVIDE PRE-MANUFACTURED ENCLOSURE SIZED TO FIT RPPR UNIT SPECIFIED. ACCEPTABLE MANUFACTURERS ARE LENCOR, TB STRES OR EPO "GUARDSHACK" UNITS.  
2. MODIFY PRE-MANUFACTURED UNITS FASTENING SYSTEMS WITH HEAVY DUTY RINGS AND ANCHORING BOLT SYSTEM. SUBMIT SHOP DRAWINGS FOR APPROVAL.  
3. PAD TO BE 1" MIN. LARGER THAN ENCLOSURE.  
4. SUBMIT CUT SHEETS FOR APPROVAL. UNIT TO HAVE POWDER COATED PAINT FINISH, COLOR SELECTED FROM MANUFACTURER'S STD. COLORS.  
5. CONCRETE PAD FOR ENCLOSURE TO BE M&B CONCRETE. COMPACT SUBGRADE TO 20% OF OPTIMUM MOISTURE.

EMITTER LOCATION LAYOUT  
N.T.S.

OR INSTALLATION INSTRUCTIONS. PLANT FROM SEASON WATER REQUIREMENTS IN THE PHOENIX METROPOLITAN AREA. TIMES TO ACCOMMODATE SOIL TYPE, PLANT MATURITY, EXPOSURE, AND SEASONAL CHANGES.

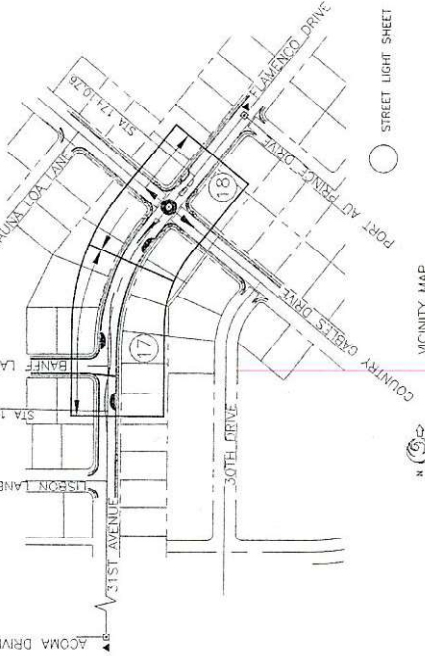
# CITY OF PHOENIX STREET TRANSPORTATION DEPARTMENT DESIGN & CONSTRUCTION MANAGEMENT DIVISION FLAMENCO DRIVE / COUNTRY GABLES DRIVE TRAFFIC CALMING IMPROVEMENTS ST89320094-2



FEMA REGION	STATE	PROJ.	DRAWING NO.
9	ARIZ	ST89320	ST89320
			
DES. BY	CHK.	DATE	SCALE
JL	BP		1" = 100'

**GENERAL NOTES:**

- THIS PROJECT IS INTENDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO COMPLY WITH STATE AND CITY STATUTES AND ORDINANCES.
- THE DESIGNER SHALL EXAMINE ALL GENERAL REQUIREMENTS AND SPECIFICATIONS AND SHALL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE PROJECT.
- THE DEVELOPER'S CONSTRUCTION MANAGER AND NOT PROCEED WITH CONSTRUCTION UNLESS THE DEVELOPER'S CONSTRUCTION MANAGER RENDERS A DECISION.
- THE CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE ARIZONA DEPARTMENT OF TRANSPORTATION AND THE ARIZONA DEPARTMENT OF PUBLIC SAFETY.
- FOR EACH CITY OF PHOENIX STREETLIGHT PROJECT, OR PHASE IF THERE IS MORE THAN ONE PHASE, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE CITY OF PHOENIX PRIOR TO THE INSTALLATION OF THE STREETLIGHTS.
- ALL STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PHOENIX STREETLIGHT SPECIFICATIONS AND THE ARIZONA DEPARTMENT OF TRANSPORTATION AND THE ARIZONA DEPARTMENT OF PUBLIC SAFETY.
- ALL STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PHOENIX STREETLIGHT SPECIFICATIONS AND THE ARIZONA DEPARTMENT OF TRANSPORTATION AND THE ARIZONA DEPARTMENT OF PUBLIC SAFETY.
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- ALL STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PHOENIX STREETLIGHT SPECIFICATIONS AND THE ARIZONA DEPARTMENT OF TRANSPORTATION AND THE ARIZONA DEPARTMENT OF PUBLIC SAFETY.



**STREET LIGHT CONSTRUCTION NOTES:**

- INSTALL ONE 150W HPS (16,000 LUMEN) FIXTURE WITH PHOTOELECTRIC CONTROL ON A 38'-6" POLE WITH A 6' MAST ARM PER APS DETAIL 8040 AND SPECIFICATIONS. FOUNDATION AND GROUNDING PER APS STANDARDS AND SPECIFICATIONS. POLE SHALL BE CENTERED 1'-0" BEHIND BACK OF SIDEWALK. INSTALL (2) #14 THRU/THW FROM LUMINAIRE TO FUSE HOLDER IN POLE.
- FURNISH AND INSTALL 1" PVC SCHEDULE 40 CONDUIT WITH (2) #1 PHOTOELECTRIC CONTROL ON EACH SIDE OF THE CONDUIT. ALL WIRING, FUSING, AND GROUNDING PER APS DETAIL SPECIFICATIONS.
- FURNISH AND INSTALL 2-1/2" PVC SCHEDULE 40 CONDUIT AND FITTINGS PER APS REQUIREMENTS.
- FURNISH AND INSTALL PULL BOX PER APS REQUIREMENTS.
- INSTALL ONE 150W HPS (16,000 LUMENS) FIXTURE WITH PHOTOELECTRIC CONTROL ON A 6' MAST ARM ON EXISTING WOODEN APS POLE.

ITEM NUMBER	TYPE OF STREET	QUANTITY	HEIGHT	POLE LENGTH	MAST ARM	APPROVED MANUFACTURERS	LUMENS	TYPE	VOLTAGE	LUMINAIRE STYLE	APPROVED MANUFACTURERS
1	COLLECTOR	2	32'-11"	38'-6"	6' x 20"	GEN-TEC US-1936 VALMONT CR09158 SOUTHWEST FABRICATION, LLC J08R0B	16,000	HPS	150 W	120/240 AS POWER CO.	GENERAL ELECTRIC M2A2105010Z0AC AMERICAN ELECTRIC U-3130121

ITEM DESCRIPTION	QUANTITY	UNIT
1-3/4" PVC CONDUIT	10	LF
2-1/2" SCH 40 PVC CONDUIT	101	LF

**INDEX OF SHEETS**

SHEET	DESCRIPTION
16	STREET LIGHT COVER SHEET
17	STREET LIGHT SITE PLAN
18	STREET LIGHT SITE PLAN
19	STREET LIGHT DETAIL SHEET

**LEGEND**

SYMBOL	DESCRIPTION
○	PROPOSED HPS COBRAHEAD LUMINAIRE
○	EXISTING STREET LIGHT POLE
□	PROPOSED PULL BOX
□	EXISTING PULL BOX
---	PROPOSED ELECTRIC CONDUIT
---	EXISTING ELECTRIC CONDUIT

**PER CITY OF PHOENIX ORDINANCE 15-001, ALL STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PHOENIX STREETLIGHT SPECIFICATIONS AND THE ARIZONA DEPARTMENT OF TRANSPORTATION AND THE ARIZONA DEPARTMENT OF PUBLIC SAFETY.**

**STREET LIGHT C**

CITY OF PHOENIX  
STREET TRANSPORTATION  
FLAMENCO DR & COUNTRY GABLES DR  
TRAFFIC CALMING IMPROVEMENTS  
ST89320094-2

SCALE: N.T.S.

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
ASSISTANT STREET TRANSPORTATION DIRECTOR

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
DEPUTY STREET TRANSPORTATION DIRECTOR

602-263-1000  
1800-STREET-IT  
PHOENIX, ARIZONA

F.P.W.A. REGION	STATE	PROJ.
9	ARIZ	ST89320C
		
DESIGNER	DATE	OK
DR: BR	DES: JL	OK
DATE: 1/13	DATE: 1/13	DATE: 1/13
		
SCALE: 1" = 20'	HORIZONTAL	



- LEGEND**
- PROPOSED HPS CX LUMINAIRE STREET (SEE NOTE 1 FOR)
  - EXISTING STREET L
  - PROPOSED PULL E
  - EXISTING PULL DO
  - USE - PROPOSED ELECTRIC
  - USE - EXISTING ELECTRIC

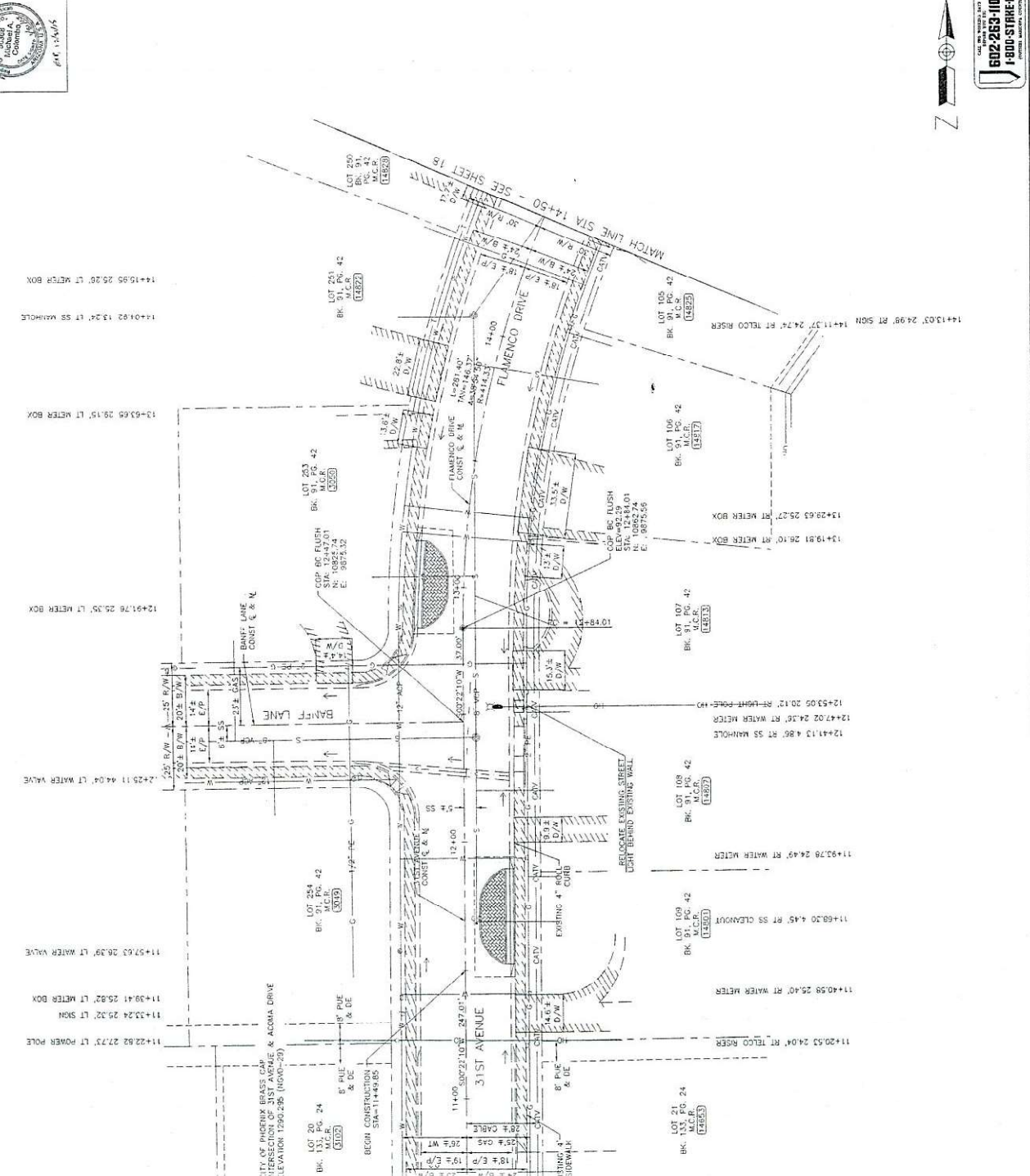
- STREET LIGHT CONSIDER**
- 1) INSTALL ONE 150W HPS FIXTURE WITH PHOTOELECTRIC DETAIL 8040 AND SPECIFIC AND GROUNDING PER AF 11-10" BEHIND BACK OF FUSE HOLDER IN POLE.
  - 2) FURNISH AND INSTALL 1 CONDUIT WITH (2) #12 INSULATED GREEN AND RED POLE MOUNTED FUSE BOX. ALL WIRING, FUSING PER AFS DETAILS AND REQUIREMENTS.
  - 3) FURNISH AND INSTALL 2 1/2" DIA. 10' HIGH AND TIEING REQUIREMENTS.
  - 4) FURNISH AND INSTALL F
  - 5) INSTALL ONE 150W HPS FIXTURE WITH PHOTOELECTRIC DETAIL 8040 AND SPECIFIC AND GROUNDING PER AF 11-10" BEHIND BACK OF FUSE HOLDER IN POLE.

**STREET LIGHT**

CITY OF PHOENIX  
STREET TRANSPORTA  
FLAMENCO DR & COL  
TRAFFIC CALMING  
ST8932C

THE CITY OF PHOENIX GUARANTEES THESE PLANS ARE FOR OFFICIAL USE ONLY. ANY REVISIONS AS REQUIRED TO FULFILL THE CITY CONTRACT WITH THE CITY.

DATE: 1/13  
DESIGNER: JL  
DATE: 1/13  
SCALE: 1" = 20' HORIZONTAL



FEDERAL REGION	STATE	PROJ.
9	ARIZ.	ST883200
		
DES. BY	DR. BY	DATE



CITY OF PHOENIX  
 STREET TRANSPORTATION  
 FLAMENCO DRIVE & COUNTRY CABLES DRIVE  
 TRAFFIC CALMING IN  
 ST883200

THE CITY OF PHOENIX ORDINANCE  
 NO. 15000, WHICH IS A PART OF  
 THE CITY OF PHOENIX CHARTER,  
 AS AMENDED, IS HEREBY REFERRED TO  
 AS REQUIRED TO FULFILL THE OBLIGATIONS  
 OF THIS CONTRACT WITH THE CITY OF  
 PHOENIX.

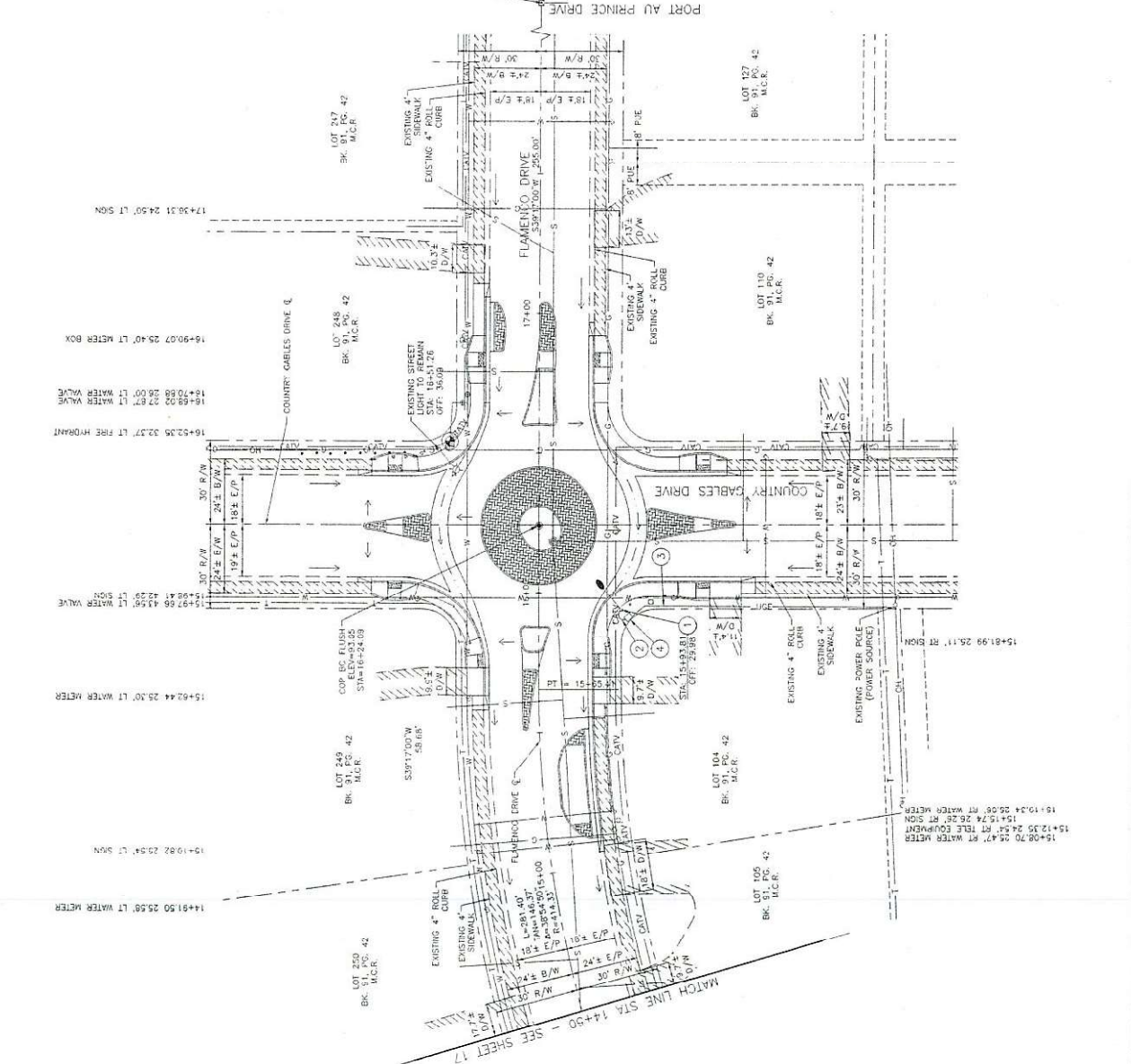
**STREET LIGHT**  
 CITY OF PHOENIX  
 STREET TRANSPORTATION  
 FLAMENCO DRIVE & COUNTRY  
 TRAFFIC CALMING IN  
 ST883200

SCALE 1" = 20' HORIZONTAL  
 802-263-1100  
 1-800-STRAHEIT  
 (limited service areas)

**LEGEND**  
 PROPOSED HPS CC  
 LUMINAIRE STREET  
 (SEE NOTE 1 FOR  
 DETAILS)  
 --- EXISTING STREET LI  
 O PROPOSED PULL BOX  
 (S) EXISTING PULL BOX  
 ---USE--- PROPOSED ELECTRI  
 ---USE--- EXISTING ELECTRIC

**STREET LIGHT CONSTR**  
 (1) INSTALL ONE 150W HPS  
 FIXTURE WITH PHOTOELEC  
 35" H POLE WITH A 6"  
 AND GROUNDS PER AP  
 SPECIFICATIONS. POLE SH  
 1'-0" BEHIND BACK OF  
 FUSE HOLDER IN POLE.  
 (2) FURNISH AND INSTALL 1"  
 CONDUIT WITH (2) #12 A  
 INSULATED GREEN BOND  
 LIGHT POLE TO ADJACENT  
 EDX. ALL WIRING, FUSIN  
 PER AP'S DETAILS AND SI  
 (3) FURNISH AND INSTALL 2-  
 4.0 CONDUIT AND TRENCH  
 REQUIREMENTS.  
 (4) FURNISH AND INSTALL PL  
 REQUIREMENTS.

CITY OF PHOENIX BRASS CAP  
 INTERSECTION OF FLAMENCO  
 DRIVE AND COUNTRY CABLES  
 DRIVE  
 ELEVATION 1294.28



MATCH LINE STA 14+50 - SEE SHEET 17



# CITY OF PHOENIX STREET TRANSPORTATION DEPARTMENT DESIGN & CONSTRUCTION MANAGEMENT DIVISION FLAMENCO DRIVE / COUNTRY GABLES DRIVE TRAFFIC CALMING IMPROVEMENTS ST89320094-2



2013

F.H.W.A. RECORD	STATE	PROJ. NO.	NO.
9	ARZ	ST89320094-2	1
DESIGNED BY	DRAWN BY	CHECKED BY	DATE
DAVID CAVAZOS	DAVID CAVAZOS	DAVID CAVAZOS	1/25/13

**MAYOR**  
GREG STANTON

**CITY MANAGER**  
DAVID CAVAZOS

**CITY COUNCIL**

- DISTRICT NO. 1. THELMA WILLIAMS
- DISTRICT NO. 2. JIM WARING
- DISTRICT NO. 3. BILL GATES
- DISTRICT NO. 4. TOM SIMPLOT
- DISTRICT NO. 5. DANIEL VALENZUELA
- DISTRICT NO. 6. SAL DICICCO
- DISTRICT NO. 7. MICHAEL NOWAKOWSKI
- DISTRICT NO. 8. MICHAEL JOHNSON

### INDEX OF SHEETS

- 1 COVER SHEET
- 2 LEGEND AND NOTES
- 3 ROADWAY SUMMARY
- 4 DETAILS SHEET
- 5-6 DEMOLITION PLAN SHEET
- 7-8 GEOMETRIC LAYOUT SHEET
- 9-10 PAVING PLAN SHEET
- 11 PLANT LEGEND AND NOTES
- 12 PLANTING PLAN
- 13 LANDSCAPING DETAILS
- 14 IRRIGATION PLAN
- 15 IRRIGATION DETAILS
- 16 STREET LIGHT COVER SHEET
- 17-18 STREET LIGHT SITE PLAN
- 19 STREET LIGHT DETAIL SHEET

I HEREBY CERTIFY THAT THESE ARE OFFICIAL RECORD DRAWINGS

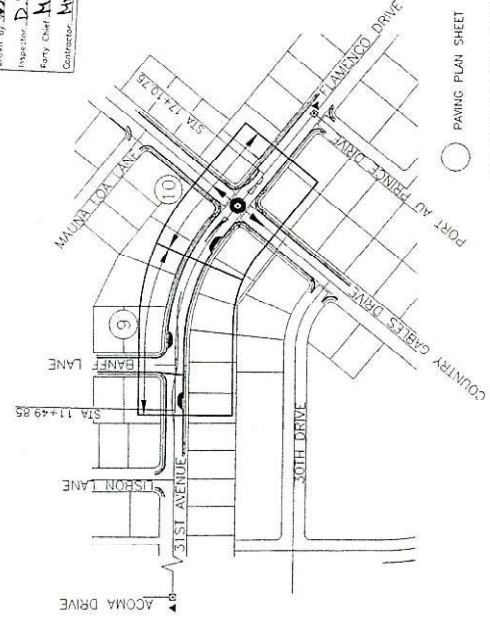
Drawn By: DAVID CAVAZOS

Checked By: DAVID CAVAZOS

Engineer: D. MEDINA

City Engineer: M. DAVIS

Contractor: HERBECK

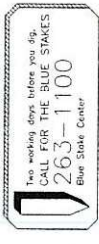


LENGTH OF PROJECT = 560.9 LF = 0.11 MILES

**KEY MAP**  
NTS

**CID. BENCHMARK:**  
A CITY OF PHOENIX BRASS CAP F.U.S.H. AT THE INTERSECTION OF ST. AVENUE AND ACOMA DRIVE.  
ELEVATION = 1290.295 (NAD-83)  
BASIS OF BEARING:

A LINE BETWEEN CITY OF PHOENIX BRASS CAP AT THE INTERSECTION OF ST. AVENUE & ACOMA DRIVE AND A CITY OF PHOENIX BRASS CAP AT THE INTERSECTION OF THE 31ST AVENUE & BANFF LANE INTERSECTION, SAID LINE BEARS: N30°11'14"E, A DISTANCE OF 581.34'.



"PER CITY OF PHOENIX ORDINANCE G-0396, THESE PLANS ARE FOR THE CITY OF PHOENIX AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

**INITIAL MAP**  
NTS

2/27/13 DATE  
2/25/13 DATE

[Signature] DIRECTOR  
[Signature] DIRECTOR



**NOTES - CONTINUED...**

- UNLESS OTHERWISE PROVIDED ON THE PLANS.
- THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING P.C. DRIVEWAYS SHALL BE FILLED WITH A MINIMUM OF 3" A.C.S.C. THICKNESS. EXPOSED EDGES OF CONCRETE, CURB, PARAPET AND BASE THICKNESS EXCEED THE MINIMUMS, MATCH THE EXISTING.
- THE SPACE BETWEEN THE BACK OF NEW SIDEWALKS AND EXISTING PRIVATE DRIVEWAYS SHALL BE FILLED WITH A MINIMUM OF 3" A.C.S.C. DRIVEWAY ENTRANCES AND EXISTING P.C. DRIVEWAYS SHALL BE FILLED WITH P.C.C. THE THICKNESS AND CLASS SHALL MATCH THAT OF THE NEW SIDEWALK OR DRIVEWAY ENTRANCE.
- THE SPACE BETWEEN THE BACK OF THE NEW SIDEWALKS AND EXISTING A.C. PARKING LOTS, WHICH FALL WITHIN OR ADJUT THE R/W SHALL BE FILLED WITH 3" A.C.S.C. ON 100% COMPACTED NATIVE SOIL.
- EXISTING IRRIGATION BERMS DISTURBED BY NEW CONSTRUCTION SHALL BE RECONSTRUCTED AS SHOWN ON PLANS.
- CATCH BASIN ACCESS FRAME AND COVERS SHALL BE CONSTRUCTED PER C.O.P. DETAIL P155T.

**STRUCTURAL NOTES**

- "CLEAR" DIMENSIONS FOR DEPTH OF REINFORCING STEEL ARE FROM FACE OF CONCRETE TO FACE OF BARS.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE BEVELED OR ROUNDED.
- ALL EXPOSED CONCRETE SURFACES SHALL BE FINISH IN ACCORDANCE WITH ARIZONA DEPT. OF TRANSPORTATION STANDARD SPECIFICATION 601-3.05 - FINISHING CONCRETE, UNLESS OTHERWISE SPECIFIED.

**NOTES**

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS AND DETAILS, CITY OF PHOENIX SUPPLEMENTS TO MAG STANDARD SPECIFICATIONS AND DETAILS, AND MAG STANDARD SPECIFICATIONS, IN THAT ORDER OF PRECEDENCE, AT THE TIME OF CONSTRUCTION (BID).
- ALL STORM SEWER MANHOLES ARE TO BE CONSTRUCTED WITHOUT STEPS.
- PIPE CONNECTIONS TO EXISTING CONCRETE PIPE MAINS SHALL BE MADE IN ACCORDANCE WITH DETAILS CALLED OUT ON THE PLANS. CONNECTION TO MAINS SHALL NOT BE CLOSER THAN 5" CENTER TO CENTER.
- PIPE CONNECTIONS TO NEW PRECAST CONCRETE PIPE MAINS SHALL BE MADE WITH FACTORY MADE WYES OR TEES. THE DETAIL OF THE FITTINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. PIPE CONNECTIONS TO NEW CAST IN PLACE CONCRETE PIPE MAINS SHALL BE PER C.O.P. DETAIL P157B.
- CATCH BASIN CONNECTOR PIPES SHALL BE LAID ON A STRAIGHT ALIGNMENT AND SLOPE UNLESS OTHERWISE SPECIFIED. IF BREAKS IN ALIGNMENT OR SLOPE ARE NECESSARY TO MEET FIELD CONDITIONS, THE BREAKS SHALL BE MADE AT AN ANGLE OF 45° TO 90°. THE BEND SHALL BE COLLARED ACCORDING TO C.O.P. DETAIL P-505. ANY ANGLE BENDS GREATER THAN 22-1/2° SHALL BE PREFABRICATED.
- CONNECTOR PIPES SHALL CONNECT TO CATCH BASIN WALLS AT AN ANGLE NOT TO EXCEED 22-1/2° FROM PERPENDICULAR.
- FACILITIES WHICH ARE NOT SPECIFICALLY LOCATED WITH ACTUAL VERTICAL AND HORIZONTAL CONTROLS, ARE LOCATED ONLY APPROXIMATELY AND TO THE BEST AVAILABLE INFORMATION PROVIDED BY VARIOUS OWNERS OF THE FACILITIES. LOCATION AND COMPLETENESS OF INFORMATION WHERE INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INITIATION OF CONSTRUCTION.
- AT LEAST TWO WORKING DAYS BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT BLUESTAKE TO FIND AND FLAG UNDERGROUND UTILITIES IF THEY ARE NOT ON BLUESTAKE SYSTEM.
- VERTICAL CONTROL IS BASED ON NATIONAL GEODETIC SURVEY.
- UNLESS OTHERWISE NOTED, STATIONS SHOWN ON PIPE PROFILES ARE ALONG CENTERLINE OF PIPE.
- UNLESS OTHERWISE NOTED, PIPE SHALL BE BEDDED IN ACCORDANCE WITH CITY OF PHOENIX DETAIL P1200.
- CATCH BASINS ARE STATIONED PERPENDICULAR TO THE CENTERLINE OF THE STREET AT THE CENTERLINE OF THE MAINTENANCE BASIN.
- SANITARY SEWER MAINS AND TAPS CROSSING OVER STORM DRAIN MAINS SHALL BE SUPPORTED PER M.A.G. DETAIL 403-11, 403-2, OR 403-3.
- ALL EXISTING PRECAST CONCRETE SAFETY CURBS AND ALL EXISTING VERTICAL CURBS, WHICH ARE NOT TO BE REMOVED, SHALL BE CUT OFF AND APPROXIMATELY PARALLEL TO THE NEW CURB LINE. THE NEW CURB SHALL BE ON THE RIGHT OF WAY DIRECTLY OPPOSITE THEIR EXISTING LOCATION, WITH THE BACK EDGE ON THE RIGHT OF WAY LINE. ALL OTHER PRECAST CONCRETE SAFETY CURBS INSIDE THE STREET RIGHT OF WAY SHALL BE SALVAGED AND STOCK PILED FOR THE OWNER AT THE RIGHT OF WAY LINE. EXISTING PRECAST CONCRETE SAFETY CURBS OUTSIDE THE RIGHT OF WAY, WHICH ARE DISTURBED BY NEW CONSTRUCTION SHALL BE RESE" IN THEIR ORIGINAL POSITION BY THE CONTRACTOR.
- ALL EXISTING DRIVEWAYS AND ALL EXISTING ALLEYS SHALL BE GRADED TO MATCH THE NEW WORK IN ACCORDANCE WITH STD. DETAIL P1164, UNLESS OTHERWISE SPECIFIED. EXISTING SURFACING SHALL BE REMOVED AND REPLACED AS NECESSARY.

**ADDITIONAL SYMBOLS**

- REMOVE EXISTING IMPROVEMENTS
- CONCRETE PAVERS
- ASPHALT CONCRETE

- 10 SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B"
- 11 SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A"
- 12 CURE & CUTTER - M.A.G. DETAIL 220 TYPE "A"
- 13 L.L. TYPE & SO. YD. P.M.T. REPLACEMENT - C.O.P. DETAIL P1200
- 14 CONCRETE PAVEMENT OR SIDEWALK
- 15 ONCRETE SIDEWALK - STD. DETAIL P1230
- 16 ONCRETE DRIVEWAY OR ALLEY ENT. PER DETAIL NO. ON PLANS
- 17 CONCRETE PAVERS
- 18 EXISTING PAVEMENT
- 19 ONCRETE SIDEWALK RAMP PER DETAIL ON PLANS
- 20 E GROUND ELEVATION AT R/W LINE
- 21 L1 COMPACTION TYPE
- 22 DITCH
- 23 IRRIGATION LINE W/SIZE (NOTE PRIVATE, SALT RIVER OR R.I.D.)
- 24 IRRIGATION STRUCTURE
- 25 IRRIGATION STANDPIPE
- 26 IRRIGATION STANDPIPE - M.A.G. DETAIL 503
- 27 IRRIGATION VALVE - M.A.G. DETAIL 506 W/ CONC. SCOURING BASIN
- 28 ION BERM
- 29 IRRIGATION STRUCTURE PER DETAIL ON PLANS
- 30 WATER LINE W/SIZE & TYPE (12" AND SMALLER)
- 31 WATER LINE W/SIZE & TYPE (GREATER THAN 12")
- 32 EXIST WATER VALVE BOX - C.O.P. DETAIL P1391
- 33 SERVICE W/SIZE AND WATER METER BOX
- 34 FIRE HYDRANT
- 35 RELOCATED FIRE HYDRANT BY CONTRACTOR
- 36 WATER VALVE W/TOP OF OPERATING NUT ELEVATION
- 37 SANITARY SEWER LINE W/SIZE & TYPE (12" AND SMALLER)
- 38 SANITARY SEWER LINE W/SIZE & TYPE (GREATER THAN 12")
- 39 MANHOLE
- 40 WHOLE
- 41 BASIN, CUTTER INLET (LENGTH TO SCALE)
- 42 BASIN, CURB INLET (LENGTH TO SCALE)
- 43 BASIN, CURB & GUTTER INLET (LENGTH TO SCALE)
- 44 STORM DRAIN LINE W/SIZE & TYPE (GREATER THAN 12")
- 45 PE FOR STORM DRAIN OR IRRIGATION LINE
- 46 GAS LINE W/SIZE
- 47 UNDERGROUND ELECTRIC CABLE OR SINGLE CONDUIT
- 48 UNDERGROUND ELECTRIC CABLE OR SINGLE CONDUIT
- 49 UNDERGROUND ELECTRIC DUCT (SPECIFY NUMBER)
- 50 TELEPHONE BURED CABLE OR SING.-I CONDUIT
- 51 UNDERGROUND TELEPHONE DUCT (SPECIFY NUMBER)
- 52 UNDERGROUND CABLE TV
- 53 UNDERGROUND FIBER OPTIC LINE
- 54 TRAFFIC SIGNAL POLE W/MAST ARM & SIGNAL INDICATIONS
- 55 STREET OR TRAFFIC SIGN
- 56 UTILITY POLE W/LINE INDICATING WIRE DIRECTION
- 57 WIRE FENCE
- 58 BLOCK FENCE
- 59 WOOD FENCE
- 60 3X
- 61 POWER POLE DOWN GUY ANCHOR
- 62 STREET LIGHT & POLE
- 63 TREE OR STUMP TO BE REMOVED - MORE THAN 12" DIA.
- 64 TREE TO BE TRANSPLANTED BY CONTRACTOR
- 65 NT LINE
- 66 UTILITY EASEMENT LINE (P/VE)
- 67 USE TRAIL EASEMENT LINE (NOTE)
- 68 OR NEW R/W LINE
- 69 NT CENTER LINE OR MONUMENT LINE
- 70 TREE OR STUMP TO BE REMOVED 12" DIA. OR LESS (NON PAY ITEM)
- 71 TREE TO REMAIN

THIS CITY OF PHOENIX ORDINANCE IS SUBJECT TO THE CITY ENGINEER'S REVIEW AND MAY NOT BE SHOWN AS REQUIRED TO FULFILL THE CITY CONTRACT WITH THE CITY.

**LEGEND AN**

CITY OF PHOENIX  
 STREET TRANSPORTA  
 FLAMENCO DR & COI  
 TRAFFIC CALMING  
 ST8932K

DATE: 11/13 12:00  
 DATE: 11/13 12:00  
 SCALE: N/A

CALL OR FAX FOR MORE INFO  
**602-253-1100**  
 PHOENIX, ARIZONA





ROADWAY SUMMARY

DESCRIPTION	UNIT	5	6	9	10	TOTAL QTY
PARATION	SF	1111	11075			1186
HALT FOR TACK COAT, TYPE SS-1H	TON	0.2	0.3			0.5
RETE FOR PERMANENT PAVEMENT	TON	14	227			241
TYPE C 3/4", 5" THICK	SF	513	1543			2056
RS PER DETAIL	SF		803			803
KEY CUTTER STD. DETAIL 240	SF	20	1820			1840
WALK, STD DETAIL P1230 (MODIFIED) 5"	SF		80			80
IES FOR SIDEWALK RAMPS	SF		143			143
3 (6" THICK, CLASS A)	SF		1380			1380
UNDER PAVERS (6" THICK, CLASS A)	SF		89	421		510
PRETE CURB AND GUTTER, STD DETAIL	LF		72	58		130
PRETE SLAB PER MAG STD DET 220-1,	LF		160	627		787
DED	EA		1			1
LE CURB, STD DET 222, TYPE "A"	EA		1			1
S MANHOLE FRAME AND COVER, COP	EA					
G SEWER CLEAN-OUT FRAME AND	EA					
T P1270	EA					
G TYPE "A" WATER VALVE, STD DETAIL	EA					
AND CEMENT CONCRETE SINGLE CURB;	EA					
TER; HEADER CURB OR EMBANKMENT	EA					
AD CEMENT CONCRETE SIDEWALK,	EA					
EY GUTTER & SLAB	EA					
TING STRIPING	EA					
1, MAG STD DETAIL 120-1, TYPE "A"	EA					
WHITE, 3/4" MINUS FOR GENERAL	EA					
DISON (GOLD)	EA					
IB	EA					
E	EA					
JO PVC IRRIGATION PIPE	EA					
LINE IRRIGATION PIPE, SCHEDULE 40	EA					
EA	EA					
PRESSURE BACKFLOW PREVENTION UNIT	EA					
IGATION)	EA					
REMOTE CONTROL VALVE AND	EA					
DRIP SYSTEM	EA					
RS	EA					
ITER AND RISER ASSEMBLY FOR DRIP	EA					
EA	EA					
0 PVC IRRIGATION SLEEVE	EA					
0 PVC IRRIGATION SLEEVE	EA					
MASTER EAGLE CONTROLLER W/	EA					
L SECURITY CABINET	EA					
TER BOX AND COVER, FURNISH &	EA					
CONNECTION (MAIN TC METER, 3/4")	EA					
HYDRANT	EA					

STREET LIGHT QUANT  
ON THIS SHEET, SEE  
LIGHT COVER SHEET  
QUANT

PER CITY OF PHOENIX ORDINANCE  
NO. 15-001, THE CITY OFFICIAL  
AND STAFF SHALL BE RESPONSIBLE  
AS REQUIRED TO FULFILL THE OBLIGATIONS  
YOUR CONTRACT WITH THE CITY.

**ROADWAY**  
 CITY OF PHOENIX  
 STREET TRANSPORTA  
 FLAMENCO DR & COI  
 TRAFFIC CALMING  
 ST8832C





**REMOVAL LOG**

DESCRIPTION	REMOVAL LOG
1 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
2 REMOVE EXISTING CONCRETE AND CUTTER	
3 POST TRAFFIC CONTROL DEVICES TO BE REMOVED AND SALVAGED STREET TRANSPORTATION DEPARTMENT	
4 DELIBERATE EXISTING STRIPING	
5 SAWCUT & REMOVE CONCRETE SIDEWALK AND PARAPET	
6 SAWCUT & REMOVE CONCRETE AND VALLEY CUTTING	
7 REMOVE EXISTING SURVEY MARKS	
8 SIGNS TO BE REMOVED EXCEPT FOR TRANSPORTATION DEPARTMENT EXISTING STEEL BOLLARDS TO REMAIN	
9 REMOVE & RELOCATE EXISTING POST AND/OR FOOTINGS WITH EXISTING FOUNDATIONS (NOTE PORTIONS OF FENCE REMOVED, FOOTINGS REMAIN)	

**REMOVAL LOG**

DESCRIPTION	REMOVAL LOG
10 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
11 REMOVE EXISTING CONCRETE AND CUTTER	
12 POST TRAFFIC CONTROL DEVICES TO BE REMOVED AND SALVAGED STREET TRANSPORTATION DEPARTMENT	
13 DELIBERATE EXISTING STRIPING	
14 SAWCUT & REMOVE CONCRETE SIDEWALK AND PARAPET	
15 SAWCUT & REMOVE CONCRETE AND VALLEY CUTTING	
16 REMOVE EXISTING SURVEY MARKS	
17 SIGNS TO BE REMOVED EXCEPT FOR TRANSPORTATION DEPARTMENT EXISTING STEEL BOLLARDS TO REMAIN	
18 REMOVE & RELOCATE EXISTING POST AND/OR FOOTINGS WITH EXISTING FOUNDATIONS (NOTE PORTIONS OF FENCE REMOVED, FOOTINGS REMAIN)	

**REMOVAL LOG**

DESCRIPTION	REMOVAL LOG
19 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
20 REMOVE EXISTING CONCRETE AND CUTTER	
21 POST TRAFFIC CONTROL DEVICES TO BE REMOVED AND SALVAGED STREET TRANSPORTATION DEPARTMENT	
22 DELIBERATE EXISTING STRIPING	
23 SAWCUT & REMOVE CONCRETE SIDEWALK AND PARAPET	
24 SAWCUT & REMOVE CONCRETE AND VALLEY CUTTING	
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26 SIGNS TO BE REMOVED EXCEPT FOR TRANSPORTATION DEPARTMENT EXISTING STEEL BOLLARDS TO REMAIN	
27 REMOVE & RELOCATE EXISTING POST AND/OR FOOTINGS WITH EXISTING FOUNDATIONS (NOTE PORTIONS OF FENCE REMOVED, FOOTINGS REMAIN)	

**REMOVAL LOG**

DESCRIPTION	REMOVAL LOG
28 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
29 REMOVE EXISTING CONCRETE AND CUTTER	
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31 DELIBERATE EXISTING STRIPING	
32 SAWCUT & REMOVE CONCRETE SIDEWALK AND PARAPET	
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35 SIGNS TO BE REMOVED EXCEPT FOR TRANSPORTATION DEPARTMENT EXISTING STEEL BOLLARDS TO REMAIN	
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**REMOVAL LOG**

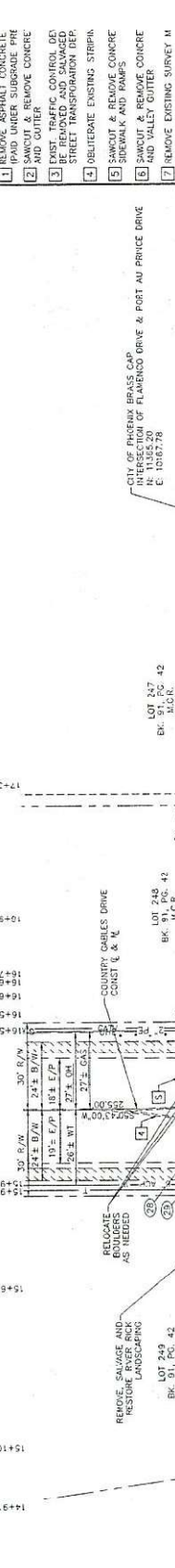
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37 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
38 REMOVE EXISTING CONCRETE AND CUTTER	
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44 SIGNS TO BE REMOVED EXCEPT FOR TRANSPORTATION DEPARTMENT EXISTING STEEL BOLLARDS TO REMAIN	
45 REMOVE & RELOCATE EXISTING POST AND/OR FOOTINGS WITH EXISTING FOUNDATIONS (NOTE PORTIONS OF FENCE REMOVED, FOOTINGS REMAIN)	

**REMOVAL LOG**

DESCRIPTION	REMOVAL LOG
46 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
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53 SIGNS TO BE REMOVED EXCEPT FOR TRANSPORTATION DEPARTMENT EXISTING STEEL BOLLARDS TO REMAIN	
54 REMOVE & RELOCATE EXISTING POST AND/OR FOOTINGS WITH EXISTING FOUNDATIONS (NOTE PORTIONS OF FENCE REMOVED, FOOTINGS REMAIN)	

**REMOVAL LOG**

DESCRIPTION	REMOVAL LOG
55 REMOVE ASPHALT CONCRETE PAID UNDER SUBGRADE PREP AND CUTTER	
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63 REMOVE & RELOCATE EXISTING POST AND/OR FOOTINGS WITH EXISTING FOUNDATIONS (NOTE PORTIONS OF FENCE REMOVED, FOOTINGS REMAIN)	



CITY OF PHOENIX BRASS GAS INTERSECTION OF FLAMENCO DRIVE & PORT AU PRINCE DRIVE  
 N 11185.20  
 E 10167.78

LOT 247 BK 91, P.C. 42  
 M.C.R. (14854)

LOT 249 BK 91, P.C. 42  
 M.C.R. (14853)

LOT 104 BK 3, P.C. 42  
 M.C.R. (14831)

LOT 105 BK 3, P.C. 42  
 M.C.R. (14832)

LOT 106 BK 3, P.C. 42  
 M.C.R. (14833)

LOT 107 BK 3, P.C. 42  
 M.C.R. (14834)

LOT 108 BK 3, P.C. 42  
 M.C.R. (14835)

LOT 109 BK 3, P.C. 42  
 M.C.R. (14836)

LOT 110 BK 3, P.C. 42  
 M.C.R. (14837)

LOT 111 BK 3, P.C. 42  
 M.C.R. (14838)

LOT 112 BK 3, P.C. 42  
 M.C.R. (14839)

LOT 113 BK 3, P.C. 42  
 M.C.R. (14840)

LOT 114 BK 3, P.C. 42  
 M.C.R. (14841)

LOT 115 BK 3, P.C. 42  
 M.C.R. (14842)

LOT 116 BK 3, P.C. 42  
 M.C.R. (14843)

LOT 117 BK 3, P.C. 42  
 M.C.R. (14844)

LOT 118 BK 3, P.C. 42  
 M.C.R. (14845)

LOT 119 BK 3, P.C. 42  
 M.C.R. (14846)

LOT 120 BK 3, P.C. 42  
 M.C.R. (14847)

LOT 121 BK 3, P.C. 42  
 M.C.R. (14848)

LOT 122 BK 3, P.C. 42  
 M.C.R. (14849)

LOT 123 BK 3, P.C. 42  
 M.C.R. (14850)

**SAWCUT CONTROL POINTS**

STATION	Easting	Northing
1	15448.89	18308.11
2	15448.89	4.34 RT
3	15448.89	3.39 RT
4	15448.89	18308.11
5	15448.89	18308.11
6	15448.89	18308.11
7	15448.89	18308.11
8	15448.89	18308.11
9	15448.89	18308.11
10	15448.89	18308.11
11	15448.89	18308.11
12	15448.89	18308.11
13	15448.89	18308.11
14	15448.89	18308.11
15	15448.89	18308.11
16	15448.89	18308.11
17	15448.89	18308.11
18	15448.89	18308.11
19	15448.89	18308.11
20	15448.89	18308.11
21	15448.89	18308.11
22	15448.89	18308.11
23	15448.89	18308.11
24	15448.89	18308.11
25	15448.89	18308.11
26	15448.89	18308.11
27	15448.89	18308.11
28	15448.89	18308.11
29	15448.89	18308.11
30	15448.89	18308.11
31	15448.89	18308.11
32	15448.89	18308.11
33	15448.89	18308.11



SCALE: 1" = 20' HORIZONTAL

602-263-1100  
 1-800-STRAFE-IT

CITY OF PHOENIX  
 STREET TRANSPORT  
 FLAMENCO DR & CC  
 TRAFFIC CALMING  
 ST 8932

PER CITY OF PHOENIX ORDINANCE 15-153, ALL SIGNAGE AND MARKINGS MUST BE REMOVED AND SALVAGED WITHIN 10 BUSINESS DAYS OF THE DATE OF YOUR CONTRACT WITH THE CITY.

RECORD E  
 T. TEAN  
 M.F. BELL

DATE: 11/17/17  
 DRAWN: JLD/MLD  
 CHECKED: JLD/MLD

DATE: 11/17/17  
 DRAWN: JLD/MLD  
 CHECKED: JLD/MLD

DATE: 11/17/17  
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DATE: 11/17/17  
 DRAWN: JLD/MLD  
 CHECKED: JLD/MLD







F.W.A. REGION	STATE	PRJ
9	ARIZ	5189
		
DESIGNED BY: [Signature]		
CHECKED BY: [Signature]		
DATE: 7/13		
DRAWN BY: DJD		
MATCH EXISTING		

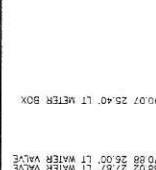
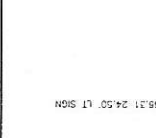
CONSTRUCTION	
1	CONSTRUCT 5" ASPHALT CO
2	CONSTRUCT STRUCTURAL SEC
3	CONSTRUCT CONCRETE SING
4	CONSTRUCT CONCRETE SING
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GENERAL NOTES:  
 1. PAVEMENT MARKINGS TO BE BY CITY STREET TRANSPORTA  
 2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH SHEETS 11 THROUGH 15  
 PER CITY OF PHOENIX ORDINANCE THESE PLANS ARE FOR OFFICIAL USE ONLY AND SHALL NOT BE USED FOR ANY OTHER PURPOSE AS REQUIRED TO FULFILL THE CITY CONTRACT WITH THE CITY

**PAVING PL**  
**CITY OF PHOENIX**  
**STREET TRANSPORTA**  
**FLAMENCO DR & COL**  
**TRAFFIC CALMING**  
**ST18932C**

DR. NO. 602-263-1000  
 1-800-STREETS-IT  
 PHOENIX, ARIZONA 85004

REVISIONS:  
 1. DATE: 7/13  
 2. DATE: 7/13



PORT AU PRINCE DRIVE

FLAMENCO DRIVE

LOT 104  
 BK. 91, PC. 42  
 (14833)

LOT 105  
 BK. 91, PC. 42  
 (14833)

LOT 110  
 BK. 91, PC. 42  
 (14833)

LOT 117  
 BK. 91, PC. 42  
 (14833)

LOT 127  
 BK. 91, PC. 42  
 (14833)

LOT 249  
 BK. 91, PC. 42  
 (14833)

LOT 249  
 BK. 91, PC. 42  
 (14833)

LOT 249  
 BK. 91, PC. 42  
 (14833)

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 BK. 91, PC. 42  
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LOT 249  
 BK. 91, PC. 42  
 (14833)

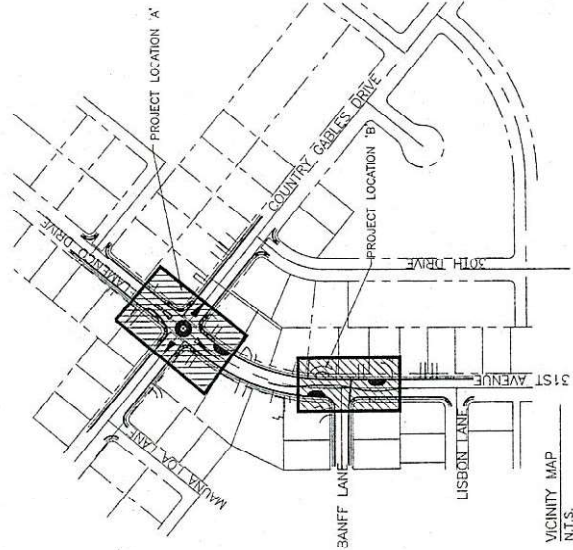
LOT 249  
 BK. 91, PC. 42  
 (14833)





**MATERIALS LEGEND**

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	NOTES
(Symbol)	Perkinsiana Florida	Blue Palo Verde	19 Gal.	1	Single Trunk
(Symbol)	Euphorbia rigens	Gopher Plant	5 Gal.	4	Spacing: Per Plans
(Symbol)	Aloe barbadensis	Medicinal Aloe	5 Gal.	20	Spacing: Per Plans
(Symbol)	Lantana camara 'New Gold'	New Gold Lantana	5 Gal.	34	Spacing: Per Plans
(Symbol)	Granite			CY 4	2" Depth of granite within all planting areas as designated on plans.



**PLANT LEGEN**  
 CITY OF PHOENIX  
 STREET TRANSPORT  
 FLAMENCO DR & C  
 TRAFFIC CALMIN  
 ST893

SCALE: N.T.S.  
 SHEET 7/13  
 DATE: 03/19/13

NECESSITATED BY THE WORK AS IT PROGRESSES AND NOT SPECIFICALLY CALLED PLANS SHALL BE CONSIDERED INCIDENTAL WORK.

CLEAN-OUTS, METERS, AND BOXES (INCLUDING IRRIGATION) SHALL BE ADJUSTED TO AND SHALL BE INCIDENTAL TO CONSTRUCTION WORK.

INSTITUTIONS, TYPE, OR QUANTITY DEVIATIONS FROM THE APPROVED LANDSCAPE IS AUTHORIZED IN WRITING BY THE OWNER'S REPRESENTATIVE AND APPROVED BY PHOENIX.

MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL BRANCHED, AND DENSELY FOLIATED (AF) AS IS TYPICAL FOR THE SPECIES. THEY SHALL HAVE HEALTHY, WELL STANDARDS, AND FREE OF ANY BRUISES, CUTS OR OTHER ABNORMALITIES. PLANT SHALL BE SIZED IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, INC., PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

CONTRACTOR SHALL STAKE THE LOCATION OF ALL PLANT MATERIAL AND SHALL HAVE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO DIGGING.

SHALL BE PLANTED A MINIMUM OF 24" FROM EDGE OF WALKS, WALLS, BUILDINGS, UNLESS DIRECTED OTHERWISE BY THE LANDSCAPE ARCHITECT.

ITS SHALL BE AMENDED AS DETAILED.

SHALL HAVE A FULL HEAD THAT COVERS THE CAN DIAMETER AND A MINIMUM OF 5/8" BRANCHES.

OF PLANTED AREAS SHALL BE 1" BELOW ALL CURBS, WALKS, AND PAVING WITH IN LINES AT EDGES OF STRUCTURES.

OF TURF AND/OR NATIVE SOIL SHALL SLOPE AT A 2% GRADE AWAY FROM CURBS, RETE PADS, AND WALLS.

WALKS AND CONCRETE PADS SHALL HAVE A CROSS SLOPE OF 1.5%. SEE PLANS FOR DETAIL.

IMPROVEMENT OF ANY WORK, THE CONTRACTOR SHALL VERIFY LOCATIONS AND UNDERGROUND INSTALLATIONS THAT MAY BE AFFECTED BY THEIR WORK AND SHALL BE RESPONSIBLE FOR ANY DAMAGES TO SUCH INSTALLATIONS CAUSED AS A RESULT OF LANDSCAPE WORK.

AREAS LABELED GRANITE ON THE PLANS ARE TO BE APPROVED BY OWNER. 2" DEPTH OF GRANITE SHALL BE PLACED AT ALL LOCATIONS SHOWN ON PLANS.

SCENE GRANITE SHALL BE SPRAYED AT LEAST ONCE WITH A CONTACT HERBICIDE DURING OPERATIONS IMMEDIATELY PRIOR TO PLACEMENT OF GRANITE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PHOENIX AND THE CITY OF PHOENIX REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PHOENIX AND THE CITY OF PHOENIX REPRESENTATIVE.

ALL EXTEND UNDER TREES AND SHRUBS.

REPRESENTATIVE AND CITY OF PHOENIX RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL THAT IS NOT ACCEPTABLE.

LISTED IN THE MATERIALS LEGEND ARE FOR THE COMMENCEMENT OF THE CONTRACTOR. CONTRACTOR SHALL DO THEIR OWN TAKE-OFFS AND BASE BID ACCORDINGLY.

SHALL BE RESPONSIBLE TO MAINTAIN THE ENTIRE PROJECT FOR 90 DAYS AFTER COMPLETION OF THE WORK BY THE CITY OF PHOENIX. UPON COMPLETION OF THE MAINTENANCE PERIOD, THE CONTRACTOR SHALL ASSUME ALL MAINTENANCE RESPONSIBILITY.

INITIATING THE 90-DAY MAINTENANCE PERIOD, COMPLETE ANY INITIAL PUNCHLIST ITEMS AND OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE OF SUBSTANTIAL COMPLETION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE START DATE FOR THE 90-DAY MAINTENANCE PERIOD. CONTRACTOR SHALL MAINTAIN LANDSCAPE WHICH MAY INCLUDE WATERING, WEEDING, AND TRIMMING OF PLANTS AND TREES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PHOENIX AND THE CITY OF PHOENIX REPRESENTATIVE.

CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL PUNCHLIST ONE WEEK PRIOR TO END OF MAINTENANCE PERIOD.

VICINITY MAP  
 N.T.S.

SCALE: N.T.S.  
 SHEET 7/13  
 DATE: 03/19/13

F.H.W.A. REGION	STATE	PR
9	ARIZ.	ST89
DES: DDC    DRE: AV		



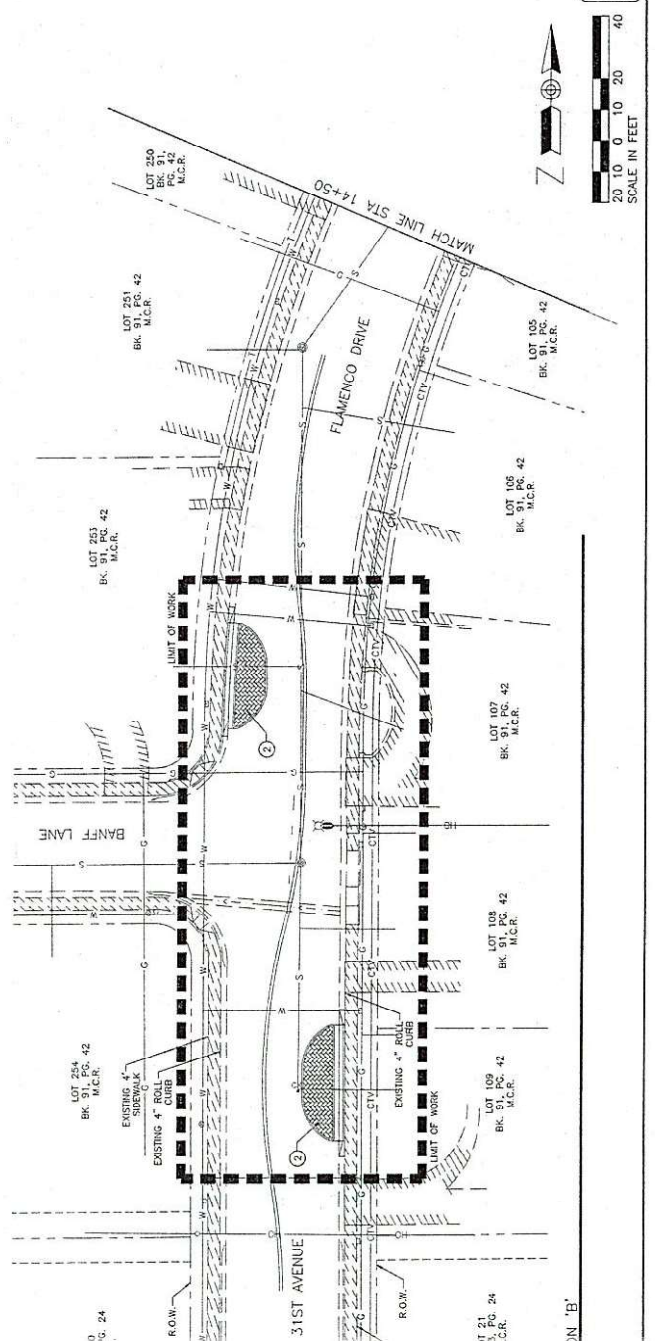
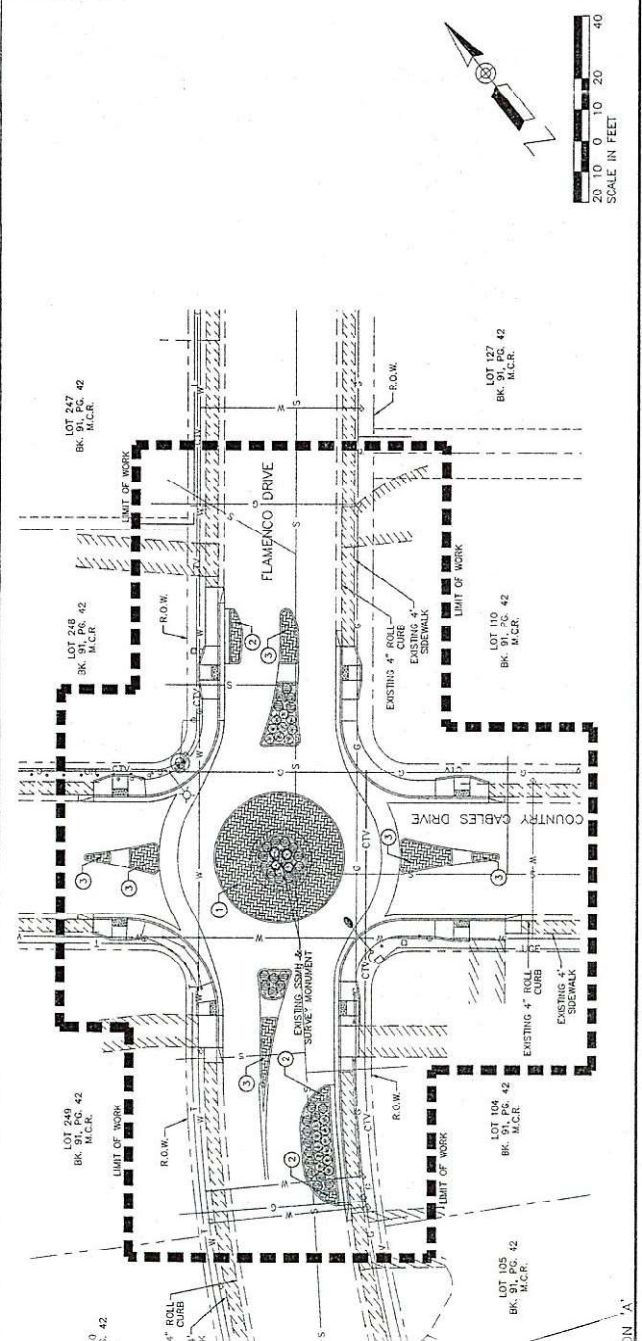
MATERIALS LEGEND	
SYM.	BOTANICAL NAME
(Symbol)	Palms
(Symbol)	Philosophia florids
(Symbol)	Shrubs
(Symbol)	Euphorbia rigens
(Symbol)	Accents
(Symbol)	Aloe bairdianensis
(Symbol)	Groundcovers
(Symbol)	Lantana camara 'Var. Gold'
(Symbol)	Ment
(Symbol)	Granite

- PROJECT KEY NOTES**
- 4" x 8" HOLLAND PAVERS IN TRUCK 1 ON SHEET 13
  - 4" x 8" HOLLAND PAVERS-SEE DETAIL
  - 4" x 8" HOLLAND PAVERS-SEE DETAIL

THE CITY OF PHOENIX GREEN SPACE PROGRAM IS A PART OF THE CITY'S LANDSCAPE PLAN AND MAY NOT BE SHARDED OR MODIFIED WITHOUT THE CITY'S APPROVAL. AS REQUIRED TO FULFILL THE OBLIGATIONS OF THE CITY'S LANDSCAPE PLAN, YOUR CONTRACT WITH THE CITY SHALL INCLUDE THE CITY'S LANDSCAPE PLAN.

**PLANTIN**  
CITY OF PHOENIX  
STREET TRANSPORT  
FLAMENCO DR & CC  
TRAFFIC CALMING  
ST8932

DATE: 12/13/13	DATE: 12/13/13
SCALE: 1" = 20' HORIZONTAL	



DATE: 12/13/13	DATE: 12/13/13
SCALE: 1" = 20' HORIZONTAL	



602-263-1100  
1-800-STARR-IT



F.H.W.A. REGION	STATE	PROJECT
9	ARIZ.	ST8F
DES. DOC. DATE: 01/13/13 DR. BY: AV		

SYMBOL	DESCRIP
---	PVC MANIL 40 SPEAR
---	PVC LATER SPEARS OI
---	PVC LATER SPEARS OI
---	SCHEDULE SLEEVE SF
---	SCHEDULE SLEEVE SF
---	3/4" WATE
M	1" BACKFLC FEBCO 825 OF PHX DE
⊠	DRIF VALVE RAINBIRD X
A	CONTROLE RAINMASTER MCOL 400I ENCL 400C ENCLOSURE
◇	FLUSH CAF RAINBIRD
—	VALVE BOX RAINBIRD

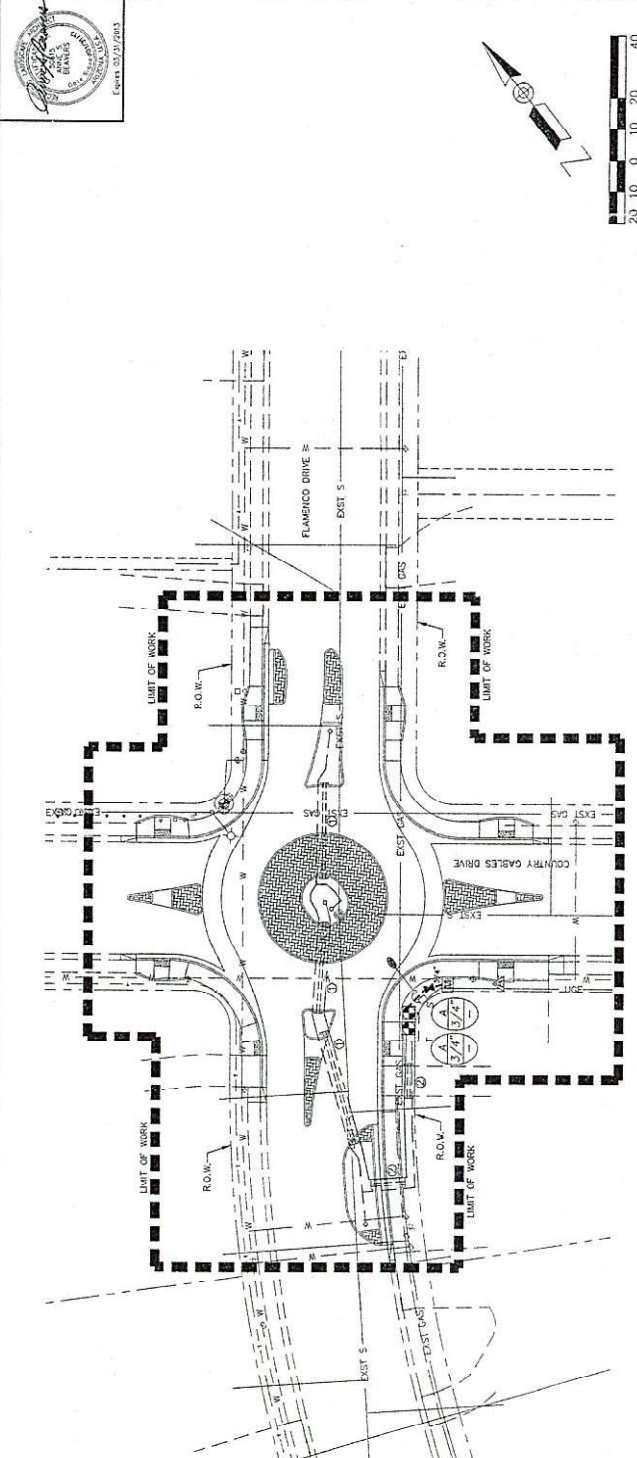


IRRIGATION SILEE  
 (X) INSTALL 2' SCH. 40  
 (X) INSTALL 4' SCH. 40  
 NOTE: X= EQUALS C

THE CITY OF PHOENIX OBTAINS ALL RIGHTS IN THIS PROJECT AND MAY NOT BE SHARED WITH ANY OTHER PARTY WITHOUT YOUR CONTRACT WITH THE CITY.

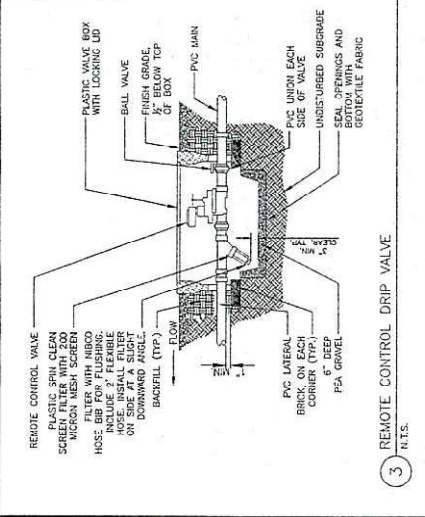
**IRRIGATI**  
**CITY OF PHOE**  
**STREET TRANSPORT**  
**FLAMENCO DR & CC**  
**TRAFFIC CALMING**  
**ST8932**

DATE: 01/13/13  
 DRAWN BY: AV  
 SCALE: 1" = 20' HORIZONTAL

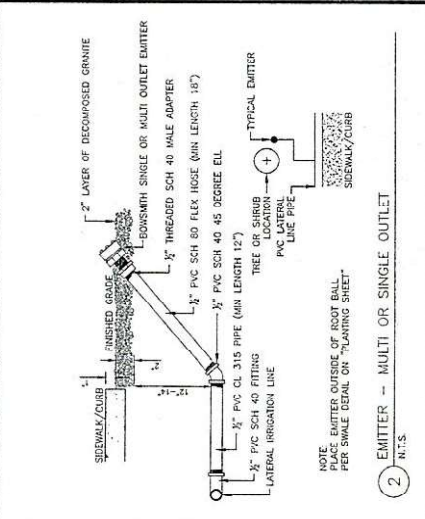


- IRRIGATION NOTES CONT.
- ALL NEW AND EXISTING UTILITY BOXES, IRRIGATION CONTROLLER AND BACKFLOW PREVENTOR CAGES SHALL BE PAINTED 'DESERT TAN'. ALL UNDERGROUND IRRIGATION BOXES SHALL BE 'DESERT TAN'.
  - INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.
  - CONTROL WIRING FOR THE PROJECT SHALL BE U.S. APPROVED FOR DIRECT UNDERGROUND BURIAL. CONTROLLER SHALL HAVE ITS OWN COMMON WIRE TO RESPECTIVE VALUES. IF PLACED IN THE SAME TRENCH AS IRRIGATION PIPE, THE MINIMUM HORIZONTAL SEPARATION SHALL BE SIX (6) INCHES.
  - PERFORM AN OPERATIONAL TEST OF THE IRRIGATION SYSTEM IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. CONTACT THE OWNER'S REPRESENTATIVE THREE WORKING DAYS PRIOR TO TESTING. PERFORM A TEST OF THE BACKFLOW PREVENTER IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE.
  - MAINTAIN ON-SITE AND SEPARATE FROM DOCUMENTS USED FOR CONSTRUCTION, ONE COMPLETE SET OF CONTRACT DOCUMENTS. ALL FIELD CHANGES AND AS-BUILT INFORMATION IS RECORDED. PERMANENTLY COVER WORK UNTIL AS-BUILT INFORMATION IS RECORDED.
  - ALL IRRIGATION MAINLINE SHALL BE PLACED A MINIMUM OF 1'-0" FROM BACK OF WALKWAY, CURB OR PROPERTY WALL.
  - USE LARGE RADIUS SWEEP ELL BELOW CONTROLLER FOR VALVE. WIRES THAT SUPPLY 110V, 15 amp POWER SOURCE, HARD WIRE TO J-BOX.
  - POINT OF CONNECTIONS— USE TYPE 'K' COPPER MINIMUM 5' BETWEEN SOURCE AND BACKFLOW PREVENTER.
  - VALVES, PVC LATERALS AND MAINLINE SHOULD BE INSTALLED ON UPHILL SIDE OF SLOPE AT ALL TIMES. ALL SUB-LATERAL LINES SHOULD BE FED DOWNHILL OF ALL SLOPES.
  - MARK BACK OF EXISTING AND NEW CURBS AT SLEEVE LOCATIONS BY NOTCHING A 1" X 1" OR PLACING REBAR VERTICAL SO TOP OF BAR IS 6" BELOW FINISH GRADE.
  - PROVIDE 2' VERTICAL CLEARANCE BETWEEN THE IRRIGATION LINE AND EXISTING WATERLINE.
  - IRRIGATION PIPE TO BE A MINIMUM OF 6" FROM EXISTING CITY WATERLINES.

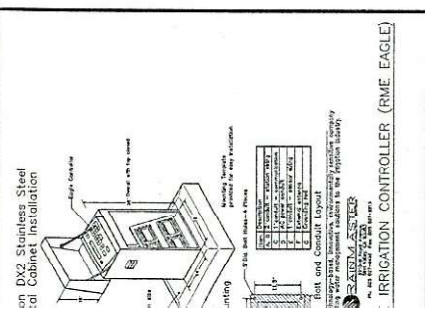
- LOCATIONS (CALL BEFORE YOU DIG) OF UNDERGROUND UTILITIES PRIOR TO
- BECOME FAMILIAR WITH THE SPECIFICATIONS AND IRRIGATION DETAILS FOR WORK PRIOR TO CONSTRUCTION.
- H THE INSTALLATION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN RUCTIOS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN INHERING, OR IF DISCREPANCIES IN CONSTRUCTION DETAILS, LEGENDS, BE DISCOVERED, BRING ALL SUCH DISCREPANCIES TO THE ATTENTION REPRESENTATIVE.
- AGRAMMATIC. THEREFORE THE FOLLOWING SHOULD BE NOTED: AVOID COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY. AVOID TALL IRRIGATION PIPE AND WIRING IN LANDSCAPE AREAS WHEREVER REPRESENTATIVE.
- NDARD SCH. 80 TEES AND ELBOW FITTINGS. USE OF CROSS-TYPE FITTINGS TED.
- ACTOR IS RESPONSIBLE FOR THE INSTALLATION OF IRRIGATION SLEEWING ING SLEEVES AT EACH HARDSCAPE CROSSING AND BENEATH ALL WALKS. ION OF SLEEWING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES SCAPE WHERE SLEEWING WAS NOT INSTALLED, REQUIRES HORIZONTAL TION CONTRACTOR.
- : SIZING, THE FOLLOWING SHOULD BE NOTED: OF UNSIZED LATERAL PIPE IS LOCATED BETWEEN TWO IDENTICALLY SIZED SIZED LATERAL PIPE IS THE SAME ORIGINAL SIZE AS THE TWO SIZED E UNSIZED PIPE SHOULD NOT BE CONFUSED WITH THE DEFAULT PIPE SIZE LEGEND.
- MATERIAL GROUPING IS AS FOLLOWS: THE INSTALLATION DETAILS SUCH S IRRIGATION TO ALL TREES AS SHOWN IN. THE INSTALLATION DETAILS SUCH BY S IRRIGATION TO ALL TREES AS SHOWN IN. ALL TREE DRIP EMITTERS ARE ZONED BY S IRRIGATION TO ALL TREES AS SHOWN IN. ALL TREE DRIP EMITTERS ARE ZONED BY S IRRIGATION TO ALL TREES AS SHOWN IN.
- EMITTERS TO ALL SHRUB AND GROUNDCOVER AS SHOWN IN THE DETAILS SUCH THAT THERE IS IRRIGATION TO ALL PLANT MATERIAL AS PER SCHEDULE. ALL SHRUB AND GROUNDCOVER EMITTERS ARE THEMSELVES.
- IT, AND METER BOXES SHALL BE ADJUSTED TO FINISH GRADE AND SHALL BE RDUCTION WORK.



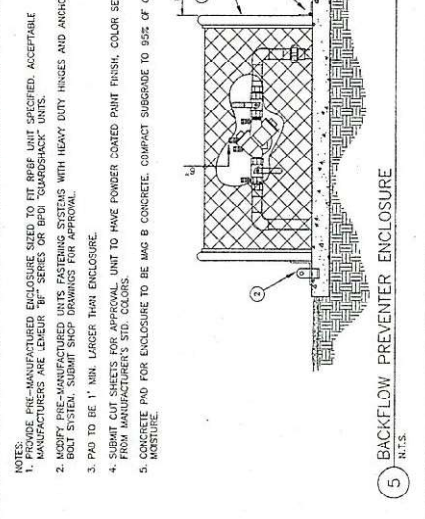
3 REMOTE CONTROL DRIP VALVE  
N.T.S.



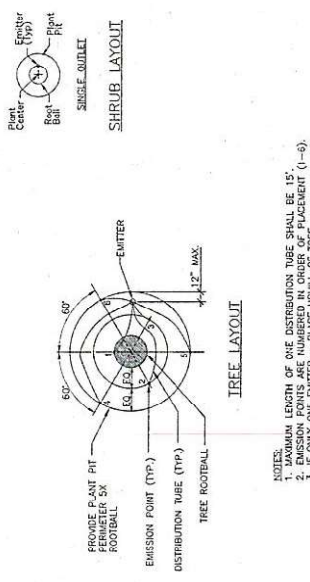
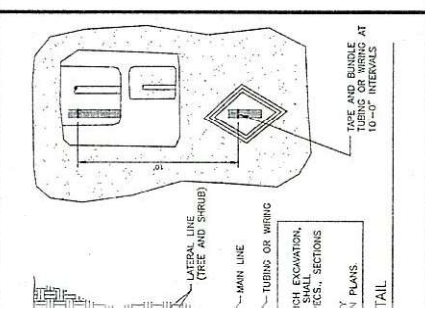
2 EMITTER - MULTI OR SINGLE OUTLET  
N.T.S.



1 IRRIGATION CONTROLLER (RME EAGLE)  
N.T.S.



5 BACKFLOW PREVENTER ENCLOSURE  
N.T.S.



7 EMITTER LOCATION LAYOUT  
N.T.S.

COMMON NAME	FLOW PER OUTLET QTY. (GPH)	TYPE OF EMITTER	NUMBER OF PORTS OPEN	TOTAL FLOW PER PLANT (GPH)
Blue Palo Verde	1 GPH	2-MULTI OUTLETS	6	12
Copper Flint	1 GPH	1-SINGLE OUTLET	1	1
Medicinal Aloe	1 GPH	1-SINGLE OUTLET	1	1
New Gold Lamiana	1 GPH	1-SINGLE OUTLET	1	1

FOR INSTALLATION INSTRUCTIONS, REFER TO THE MANUFACTURER'S LITERATURE. PLANT PEAK SEASON WATER REQUIREMENTS IN THE PHOENIX METROPOLITAN AREA VARY BY PLANT TYPE, PLANT MATURE AGE, EXPOSURE, AND SEASONAL CHANGES.

SCHEDULE



# Route 27 (27<sup>th</sup> Ave) Beginning Monday, September 30



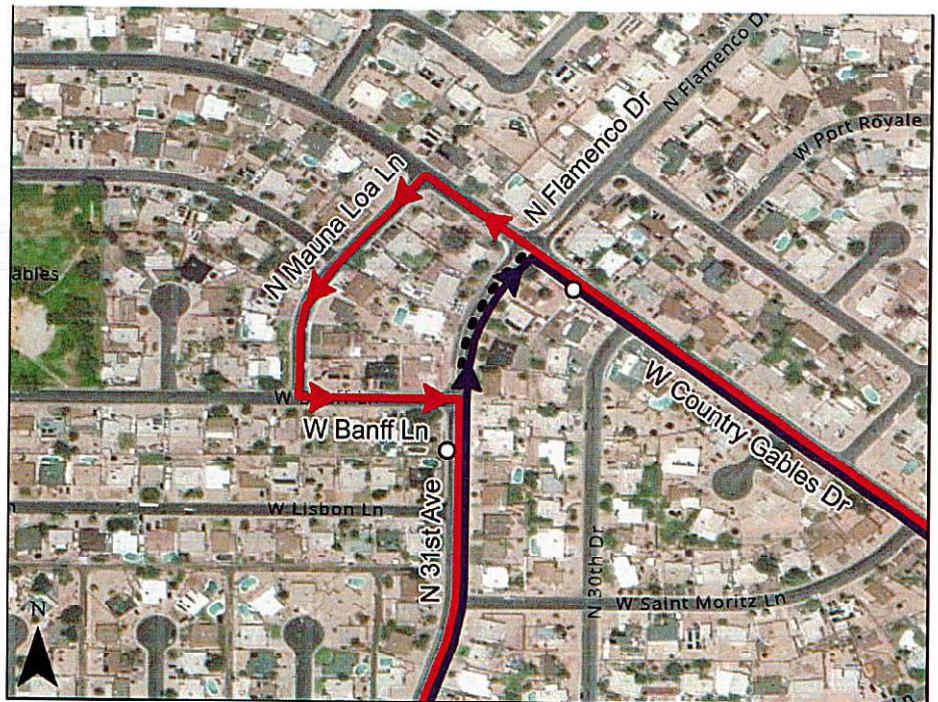
**RIDER ALERT**

## Temporary Modification: Southbound

Southbound Route 27 will be temporarily modified to travel on Mauna Loa Lane and Banff Lane. Northbound Route 27 will remain on 31st Avenue.

The Public Transit Department is exploring making this new routing permanent.

- Existing bus stop
- 27 Northbound
- - - 27 Southbound eliminated routing
- 27 Southbound new routing



# Ruta 27 (27<sup>th</sup> Ave)

A partir del lunes  
30 de septiembre

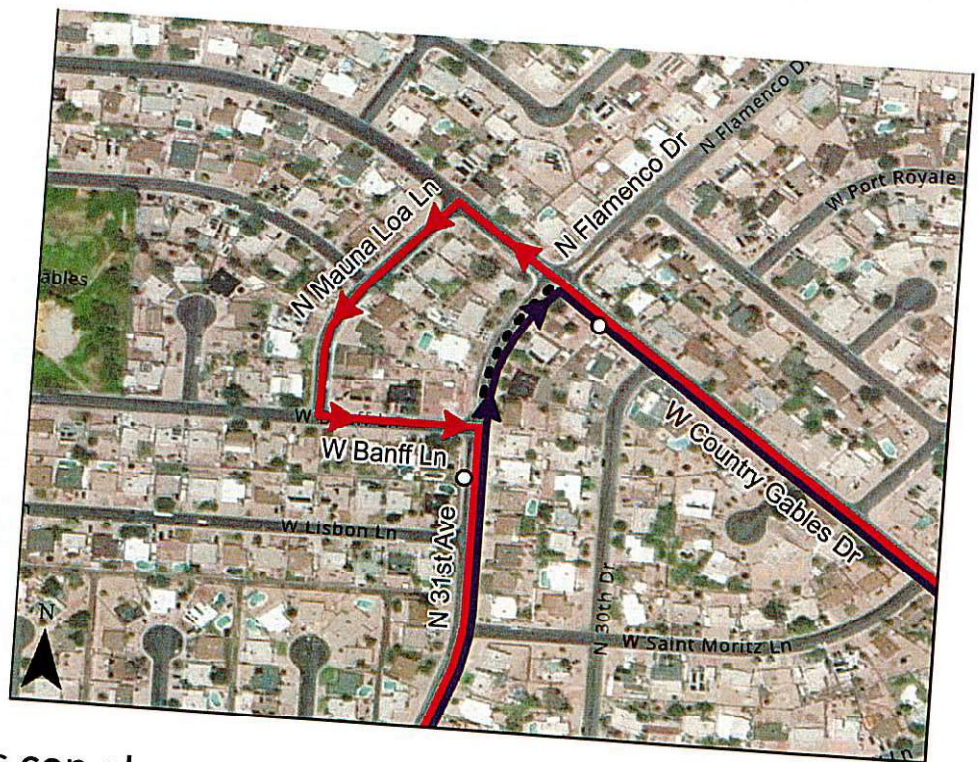


**Alerta a  
Pasajeros**

## Modificación temporal: dirección hacia el sur

Ruta 27 con dirección hacia el sur, será modificada temporalmente para viajar a Mauna Loa Lane y Banff Lane. La dirección hacia el norte seguirá en 31st Avenue.

El Departamento de Transporte Público está explorando hacer esta nueva ruta permanente.



○ Parada de autobús existente

— Ruta 27 norte

- - - - Ruta 27 sur eliminada

— Ruta 27 sur nueva

Comparte tus comentarios con el  
Departamento de Transporte  
Público: [PTD.Planning@phoenix.gov](mailto:PTD.Planning@phoenix.gov)  
(602) 262-7242

