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JAN 14 2016

MEMORANDUM **Transportation & Development - Memo No. TDA16-027**

DATE: JANUARY 14, 2016

TO: MAYOR AND COUNCIL

THRU: MARSHA REED, ACTING CITY MANAGER *MR*
NACHIE MARQUEZ, ASSISTANT CITY MANAGER *NM*
R.J. ZEDER, TRANSPORTATION & DEVELOPMENT DIRECTOR *RJZ*
MARGARET COULTER, REGULATORY AFFAIRS MANAGER *MC*

FROM: STEVE DIDOMENICO, DEVELOPMENT PROJECT ADMINISTRATOR-UTILITIES *SD for*

SUBJECT: RESOLUTION NO. 4913 CONSENTING TO MUNICIPAL AESTHETICS
PROGRAM FUNDING AGREEMENTS WITH SALT RIVER PROJECT (SRP)
AND AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE
THE NECESSARY DOCUMENTS

RECOMMENDATIONS: Staff recommends City Council adopt Resolution No. 4913 consenting to Municipal Aesthetics Program Funding Agreements with Salt River Project (SRP) and authorizing the City Manager or designee to execute the necessary documents.

BACKGROUND: In 1989, SRP implemented the Municipal Aesthetics Program to encourage partnerships with local municipalities. The Municipal Aesthetics Program provides municipalities with the opportunity to conduct aesthetic improvements to existing SRP water and power distribution facilities. Annual allotments of Aesthetics Funds to municipalities are based upon: irrigation water acreage, the percentage of Salt River Valley Water Users Association Membership within the municipality, the municipality's percentage share of total electric facilities revenue, and the total cost of electric system work accomplished during SRP's prior fiscal year period. The City of Chandler has received \$40,611,182 in aesthetic funds since the program's inception.

On June 4, 2014, members of the City Council Planning, Municipal Utilities, and Transportation & Development Subcommittee were briefed regarding a number of proposed aesthetic projects that had been identified and prioritized by staff. At the regular City Council meeting of September 11, 2014, seven projects were authorized with an approximate cost of \$6,019,000.

On December 10, 2015, members of the City Council Planning, Municipal Utilities, and Transportation & Development Subcommittee were briefed regarding eight proposed aesthetic projects that had been identified and prioritized by staff. Based on discussion from the Subcommittee, a proposed project on Warner Road between Arizona Avenue and McQueen has been removed since a future developer may be responsible for undergrounding those facilities. Staff now recommends moving forward with seven projects with an approximate cost of

\$7,137,000 which will result in the removal of 25 poles and 59,388 feet (11.24 miles) of conductor Citywide. Of this, \$6,067,800 must be assigned to projects in order to meet SRP's schedule for allocations for this fiscal year or the funds will be forfeited. The proposed projects are detailed in the attached Municipal Aesthetic Program Funding Agreements, Exhibit 1-7.

FINANCIAL IMPLICATIONS: SRP has provided Conceptual Job Estimates of \$7,137,000 for the relocation of the existing SRP overhead facilities at seven locations. These funds will be appropriated from the City's available SRP Aesthetics Funds balance which is currently at approximately \$7,450,200. SRP will submit a final account summary to the City after the agreements are approved so that final engineering design can be completed. Historically, the Conceptual Job Estimates tend to be below the actual contract amount so that no additional funds are required.

PROPOSED MOTION: Move City Council adopt Resolution No. 4913 consenting to Municipal Aesthetics Program Funding Agreements with Salt River Project (SRP) and authorizing the City Manager or designee to execute the necessary documents.

Attachments: Resolution No. 4913
Projects Summary
Location Map
Municipal Aesthetics Program Funding Agreements Exhibits 1-7, including Letter with Conceptual Cost Estimates and Illustrative Photos of Locations

RESOLUTION 4913

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER, MARICOPA COUNTY, ARIZONA, CONSENTING TO MUNICIPAL AESTHETICS PROGRAM FUNDING AGREEMENTS WITH SALT RIVER PROJECT (SRP) AND AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE THE NECESSARY DOCUMENTS BETWEEN THE CITY OF CHANDLER AND SALT RIVER PROJECT

WHEREAS, from time to time in connection with the aesthetic improvements to Salt River Project Agricultural Improvement and Power District (SRP) existing facilities, the City of Chandler (City) desires the relocation of existing facilities, either from on or above the land to underground or out of the current alignment or landscape; and aesthetic improvements at existing SRP substations; and

WHEREAS, SRP and the City have agreed to terms and conditions with respect to the Municipal Aesthetics Program Funding Agreements as detailed as Exhibits 1 through 7 to enable desired relocations and improvements to occur; and

WHEREAS, the City of Chandler believes that it is in the City’s best interest to consent to these matters.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chandler, Arizona, as follows:

The City Manager or designee is authorized to execute any and all facility relocation and related agreements in connection with improvements to SRP Facilities pursuant to the SRP Municipal Aesthetics Funding Agreements, detailed in Exhibits 1 through 7, between the City of Chandler and the Salt River Project Agricultural Improvement and Power District, subject to approval as to form by the Chandler City Attorney.

PASSED AND ADOPTED by the City of Council of the City of Chandler, Arizona, this _____ day of _____, 2016.

ATTEST:

City Clerk

Mayor

CERTIFICATION

I HEREBY CERTIFY that the above and foregoing Resolution No. 4913 was duly passed and approved by the City Council of the City of Chandler, Arizona, at a regular meeting held on the _____ day of _____, 2016, and that a quorum was present thereat.

City Clerk

APPROVED AS TO FORM:

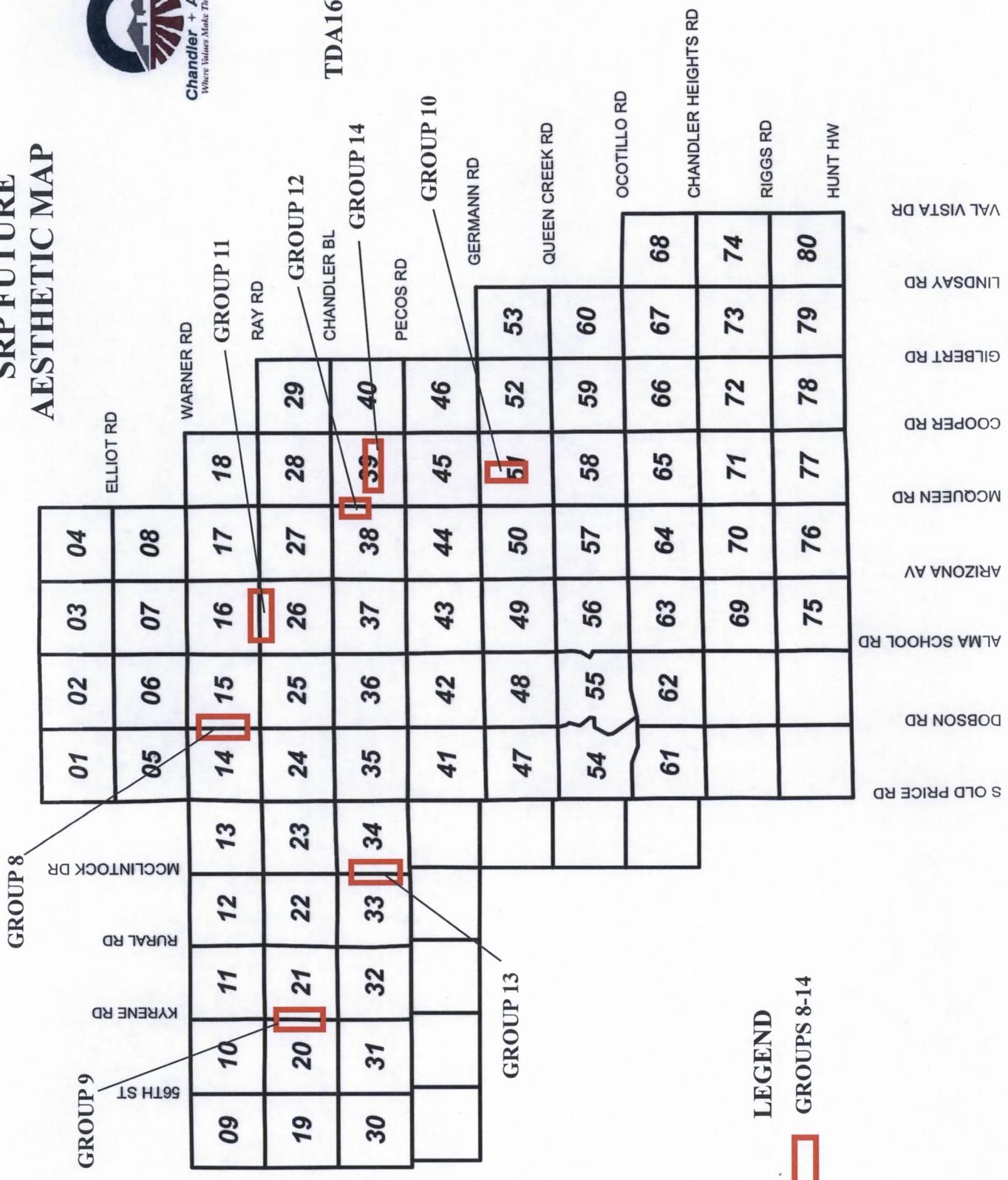
City Attorney *GAB*

SRP Future Aesthetic Project Location Map

SRP FUTURE AESTHETIC MAP



TDA16-027



LEGEND
 GROUPS 8-14

Projects Summary

Project Name (Group 8 on map; Exhibit 1)

Dobson Road between Ray Road and Warner Road Conceptual Estimate-\$1,038,600

General Description: Bury existing SRP 12 kV facilities along both sides of Dobson Road from Ray Road to Warner Road. Remove 1 wood pole, 9330 feet of conductor and overhead devices.

Project Name (Group 9 on map; Exhibit 2)

Kyrene Road between Chandler and Ray – East side Conceptual Estimate-\$502,300

General Description: Bury the existing SRP 12kV facilities along the east side of Kyrene Road from Ray Road Street to Oakland Street. Remove 4308 feet of conductor and overhead devices.

Project Name (Group 10 on map; Exhibit 3)

Airport Blvd – East Side Conceptual Estimate-\$389,500

General Description: Bury the existing SRP 12 kV facilities along the east side of Airport Blvd at Ryan Road. Remove 4 poles, 2100 feet of conductor and overhead devices.

Project Name (Group 11 on map; Exhibit 4)

Ray Road between Arizona Ave and Alma School Conceptual Estimate-\$1,121,000

General Description: Bury the existing SRP 12 kV facilities along the North side of Ray Road, Between Alma School Road and Arizona Avenue. Remove 15 poles, 9900 feet of conductor and overhead devices.

Project Name (Group 12 on map; Exhibit 5)

McQueen Road between Chandler Blvd and Frye Road Conceptual Estimate-\$590,400

General Description: Bury the existing SRP 12 kV facilities along McQueen Road between Chandler Boulevard and Frye Road. Remove 2 poles, 6620 feet of conductor and overhead devices.

Project Name (Group 13 on map; Exhibit 6)

McClintock Road – Between 202 Freeway and Chandler Blvd. Conceptual Estimate-\$1,713,000

General Description: Bury the existing SRP 12 kV facilities along McClintock Road between 202 Freeway and Chandler Blvd. Remove 2 poles, 15000 feet of conductor and overhead devices.

Project Name (Group 14 on map; Exhibit 7)

Frye Road between McQueen Road and Consolidated Canal Conceptual Estimate-\$1,782,200

General Description: Bury the existing SRP 12 kV facilities along the north side of Frye Road from McQueen Road to the Consolidated Canal. Remove 1 pole, 11610 feet of conductor and overhead devices.



P. O. Box 52025
 Phoenix, AZ 85072-2025
 (602) 236-5900
 www.srpnet.com

August 25, 2015

Steve DiDomenico
 City of Chandler
 Mail Stop 403
 P O Box 4008
 Chandler, AZ 85244-4008

File No.: PSG-103.08.09
 Ref No.: MAPE-1459

**SUBJECT: DOBSON RD/WARNER TO RAY CONVERSION –
 AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your request dated July 10, 2015, SRP has prepared a new Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV facilities along the Dobson Road between Warner Road and Ray Road. These estimates do not include any 69kV facilities work.

JOB SCOPE:

Underground Conversion: Install approximately 3,000 linear feet of trench and conduit, and approximately 120 linear feet of bore plus backfill and restoration. Install six (6) single phase pad mounted devices and 14 new 3-phase devices. Install one (1) new 3-phase underground. Install approximately 15,465 linear feet of underground primary and feeder aluminum conductor and approximately 1,200 linear feet of copper conductor. Costs assume SRP has prior rights on all facilities.

Overhead Removal: Remove approximately 9,330 linear feet of conductor with neutral. Remove one (1) pole. Remove four (4) overhead single phase transformers and one (1) capacitor. Conversion of SRP Communications underbuild is not necessary; however, costs to remove the Communications underbuild are included in the overhead removal costs.

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

SRP REF #	JOB SCOPE	COSTS
T2089484	Trench/Conduit	\$ 271,700
	Electrical	\$ 665,300
	Underground Subtotal	\$ 937,000
T2089480	Overhead Removal	\$ 101,600
	TOTAL COST ESTIMATE	\$ 1,038,600

Exhibit 1-pg 2

This Conceptual Cost Estimate is valid through **December 23, 2015**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

Sincerely,

A handwritten signature in black ink that reads "Janice Cacioppo". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
File



August 25, 2015
 File No.: PSG-103.08.09
 Ref No.: MAPE-1459

MUNICIPAL AESTHETICS PROGRAM
 FUNDING AGREEMENT

CONCEPTUAL ESTIMATE DEFINITIVE COSTS REVISED COSTS

PROJECT NAME: DOBSON RD/WARNER TO RAY CONVERSION

MUNICIPALITY PROJECT #:

ESTIMATE DATE: 8/25/15

VALID THROUGH: 12/23/15

SRP REF #	JOB SCOPE	SRP		MUNICIPALITY	
		TRENCH/CONDUIT		TRENCH/CONDUIT	
T2089484	Trench/Conduit	\$	271,700	\$	-
	Electrical	\$	665,300	\$	665,300
	Underground Subtotal	\$	937,000	\$	665,300
T2089480	Overhead Removal	\$	101,600	\$	101,600
TOTAL COST ESTIMATE		\$	1,038,600	\$	766,900

CONDITIONS:

- o This estimate is valid for 120 days from the date of this agreement after which a revised cost may be determined.
- o A Definitive Cost will be sent to the Municipality upon design completion.
- o SRP reserves the right to adjust the estimate to reflect current costs.
- o The Municipality's SRP Municipal Aesthetics allocation exposure for this project will not exceed actual costs incurred by SRP.
- o Any future relocation of the facilities associated with this project will be at the cost of those other than SRP, including use of SRP Municipal Aesthetics funds.
- o Construction will be done during normal SRP work hours unless otherwise agreed to.
- o Lane closures that do not impede the normal workflow of traffic will be allowed unless otherwise agreed to.

Power Projects:

- o As a condition of the use of SRP Aesthetics funds the Municipality is required to provide SRP with a land right that is acceptable to SRP for all relocated and new facilities installed on Aesthetics projects.
- o If the Municipality requires any additional conduits be placed in the trench an agreement must be in place with SRP prior to the start of construction.
- o If applicable, Telco and CATV will be offered a joint trench opportunity per existing agreements. Joint trench costs for other utilities are not fundable through the SRP Municipal Aesthetics Program.
- o Municipality streetlight requirements, if applicable, will be provided early in the design process. Streetlight pole installation and connection costs are the responsibility of the Municipality.

Trench Provider: SRP Municipality (please initial choice of provider)

Municipality: CITY OF CHANDLER

Print Name: _____ Title: _____

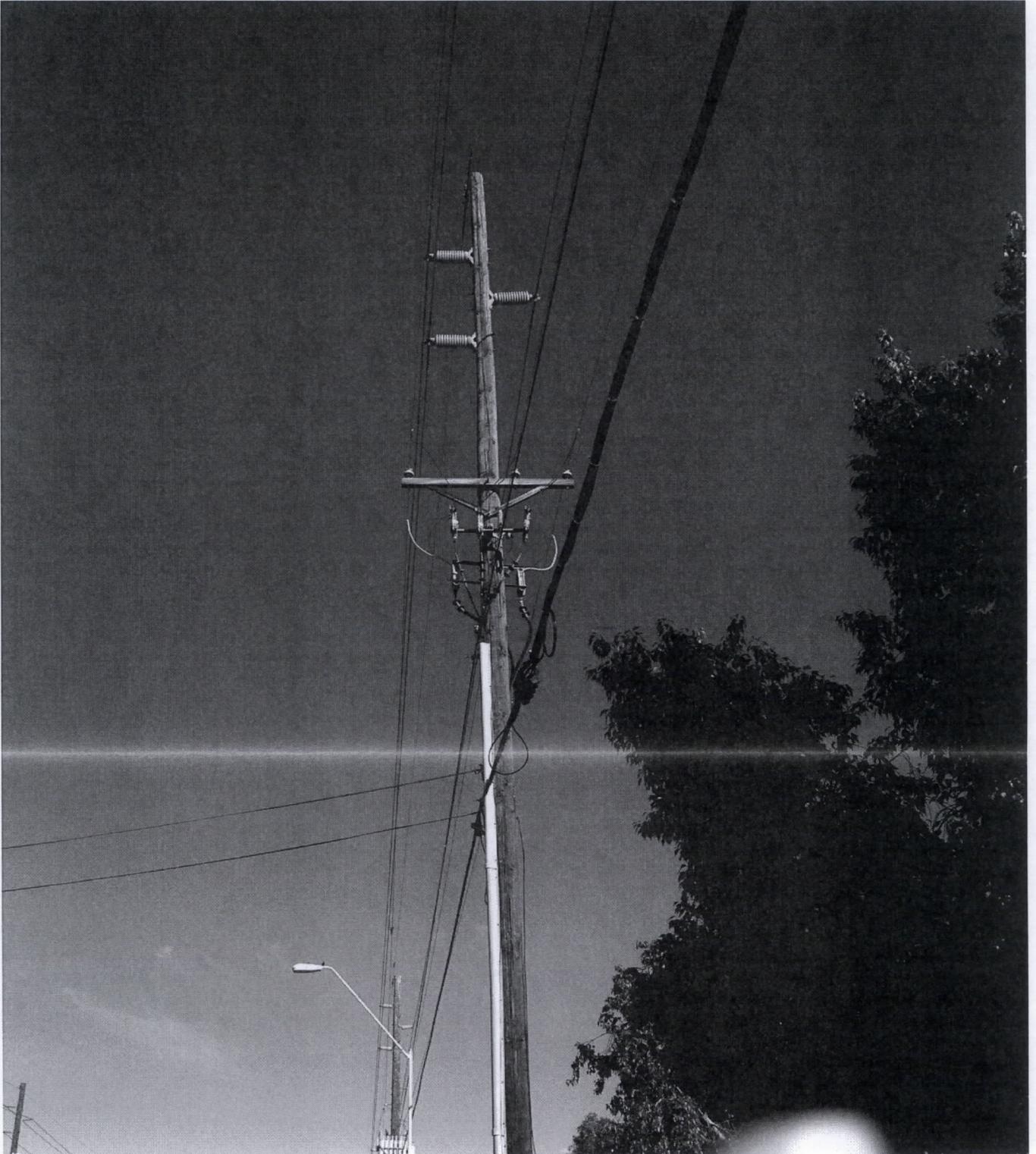
Approved: _____ Date: _____
 Signature

Declined: _____ Date: _____
 Signature

Please sign and return this Funding Agreement to: Janice.Cacioppo@srpnet.com

APPROVED AS TO FORM

CITY ATTORNEY



East Side of Dobson Road North of Ray Road



P. O. Box 52025
 Phoenix, AZ 85072-2025
 (602) 236-5900
 www.srpnet.com

August 25, 2015

Steve DiDomenico
 City of Chandler
 Mail Stop 403
 P O Box 4008
 Chandler, AZ 85244-4008

File No.: PSG-103.08.09
 Ref No.: MAPE-1461

**SUBJECT: KYRENE RD-RAY TD TO OAKLAND ST CONVERSION –
 AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your email request dated July 10, 2015, SRP has prepared an Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV underbuild facilities on 69kV poles along the east side of Kyrene Road from just south of Ray Road south Oakland Street.

JOB SCOPE:

Underground Conversion: Install approximately 1,450 linear feet of trench and conduit and approximately 500 linear feet of bore plus backfill and restoration. Install approximately 6,320 linear feet of underground primary and feeder aluminum conductor. Install five (5) 3-phase pad mounted devices. Costs assume SRP has prior rights on all facilities.

Overhead Removal: Remove approximately 4,308 linear feet of conductor with neutral and two (2) pole mounted devices from the existing 69kV poles. The 69kV poles will not be removed.

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

SRP REF #	JOB SCOPE	COSTS
T2092863	Trench/Conduit	\$ 224,100
	Electrical	\$ 226,300
	Underground Subtotal	\$ 450,400
T2092861	Overhead Removal	\$ 51,900
	TOTAL COST ESTIMATE	\$ 502,300

Exhibit 2-pg 2

This Conceptual Cost Estimate is valid through **December 23, 2015**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

Sincerely,

A handwritten signature in black ink that reads "Janice Cacioppo". The signature is written in a cursive style with a large, looping initial "J".

Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
File



August 25, 2015
 File No.: PSG-103.08.09
 Ref No.: MAPE-1461

MUNICIPAL AESTHETICS PROGRAM
 FUNDING AGREEMENT

CONCEPTUAL ESTIMATE DEFINITIVE COSTS REVISED COSTS

PROJECT NAME: KYRENE RD-RAY RD TO OAKLAND ST CONVERSION

MUNICIPALITY PROJECT #:

ESTIMATE DATE: 08/25/15 VALID THROUGH: 12/23/15

SRP REF #	JOB SCOPE	SRP TRENCH/CONDUIT	MUNICIPALITY TRENCH/CONDUIT
T2092863	Trench/Conduit	\$ 224,100	\$ -
	Electrical	\$ 226,300	\$ 226,300
	Underground Subtotal	\$ 450,400	\$ 226,300
T2092861	Overhead Removal	\$ 51,900	\$ 51,900
TOTAL COST ESTIMATE		\$ 502,300	\$ 278,200

CONDITIONS:

- This estimate is valid for 120 days from the date of this agreement after which a revised cost may be determined.
- A Definitive Cost will be sent to the Municipality upon design completion.
- SRP reserves the right to adjust the estimate to reflect current costs.
- The Municipality's SRP Municipal Aesthetics allocation exposure for this project will not exceed actual costs incurred by SRP.
- Any future relocation of the facilities associated with this project will be at the cost of those other than SRP, including use of SRP Municipal Aesthetics funds.
- Construction will be done during normal SRP work hours unless otherwise agreed to.
- Lane closures that do not impede the normal workflow of traffic will be allowed unless otherwise agreed to.

Power Projects:

- As a condition of the use of SRP Aesthetics funds the Municipality is required to provide SRP with a land right that is acceptable to SRP for all relocated and new facilities installed on Aesthetics projects.
- If the Municipality requires any additional conduits be placed in the trench an agreement must be in place with SRP prior to the start of construction.
- If applicable, Telco and CATV will be offered a joint trench opportunity per existing agreements. Joint trench costs for other utilities are not fundable through the SRP Municipal Aesthetics Program.
- Municipality streetlight requirements, if applicable, will be provided early in the design process. Streetlight pole installation and connection costs are the responsibility of the Municipality.

Trench Provider: SRP _____ Municipality _____ (please initial choice of provider)

Municipality: CITY OF CHANDLER

Print Name: _____ Title: _____

Approved: _____ Date: _____

Signature

Declined: _____

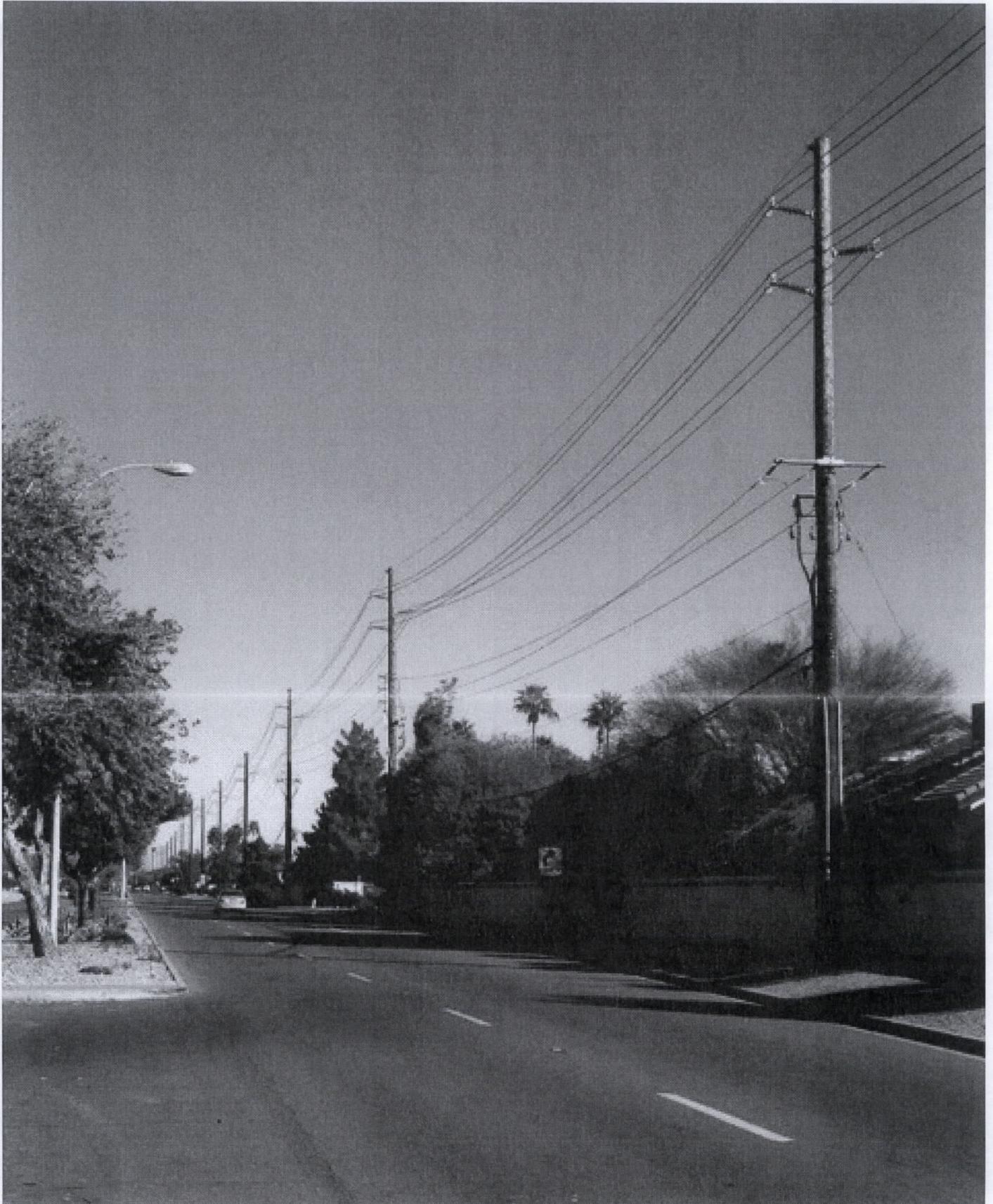
Signature

APPROVED AS TO FORM

Please sign and return this Funding Agreement to: **CITY ATTORNEY**

Janice Cacioppo, XCT400
 Municipal Aesthetics Program Administrator
 SRP Project Services
 P O Box 52025
 Phoenix, AZ 85072-2025

Janice.Cacioppo@srpnet.com
 Office: 602-236-3735
 Fax: 602-629-8390



East side of Kyrene Road at Oakland



P. O. Box 52025
Phoenix, AZ 85072-2025
(602) 236-5900
www.srpnet.com

August 25, 2015

Steve DiDomenico
City of Chandler
Mail Stop 403
P O Box 4008
Chandler, AZ 85244-4008

File No.: PSG-103.08.09
Ref No.: MAPE-1462

**SUBJECT: AIRPORT BLVD AND RYAN ROAD CONVERSION –
AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your email request dated July 10, 2015, SRP has prepared an Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV facilities along the east side of Airport Blvd at Ryan Road.

JOB SCOPE:

Underground Conversion: Install approximately 900 linear feet of trench and conduit plus backfill and restoration. Install approximately 6,900 linear feet of underground primary and feeder aluminum conductor. Install six (6) 3-phase pad mounted devices and one (1) riser. Costs assume SRP has prior rights on all facilities.

Overhead Removal: Remove approximately 2,100 linear feet of conductor with neutral and four (4) poles and associated equipment.

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

SRP REF #	JOB SCOPE	COSTS
T2092941	Trench/Conduit	\$ 83,200
	Electrical	\$ 268,800
	Underground Subtotal	\$ 352,000
T2092936	Overhead Removal	\$ 37,500
	TOTAL COST ESTIMATE	\$ 389,500

Exhibit 3-pg 2

This Conceptual Cost Estimate is valid through **December 23, 2015**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

Sincerely,

A handwritten signature in black ink that reads "Janice Cacioppo". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
File



August 25, 2015
 File No.: PSG-103.08.09
 Ref No.: MAPE-1462

MUNICIPAL AESTHETICS PROGRAM
 FUNDING AGREEMENT

CONCEPTUAL ESTIMATE DEFINITIVE COSTS REVISED COSTS

PROJECT NAME: AIRPORT BLVD AND RYAN ROAD CONVERSION

MUNICIPALITY PROJECT #:

ESTIMATE DATE: 08/25/15

VALID THROUGH: 12/23/15

SRP REF #	JOB SCOPE	SRP TRENCH/CONDUIT	MUNICIPALITY TRENCH/CONDUIT
T2092941	Trench/Conduit	\$ 83,200	\$ -
	Electrical	\$ 268,800	\$ 268,800
	Underground Subtotal	\$ 352,000	\$ 268,800
T2092936	Overhead Removal	\$ 37,500	\$ 37,500
TOTAL COST ESTIMATE		\$ 389,500	\$ 306,300

CONDITIONS:

- o This estimate is valid for 120 days from the date of this agreement after which a revised cost may be determined.
- o A Definitive Cost will be sent to the Municipality upon design completion.
- o SRP reserves the right to adjust the estimate to reflect current costs.
- o The Municipality's SRP Municipal Aesthetics allocation exposure for this project will not exceed actual costs incurred by SRP.
- o Any future relocation of the facilities associated with this project will be at the cost of those other than SRP, including use of SRP Municipal Aesthetics funds.
- o Construction will be done during normal SRP work hours unless otherwise agreed to.
- o Lane closures that do not impede the normal workflow of traffic will be allowed unless otherwise agreed to.

Power Projects:

- o As a condition of the use of SRP Aesthetics funds the Municipality is required to provide SRP with a land right that is acceptable to SRP for all relocated and new facilities installed on Aesthetics projects.
- o If the Municipality requires any additional conduits be placed in the trench an agreement must be in place with SRP prior to the start of construction.
- o If applicable, Telco and CATV will be offered a joint trench opportunity per existing agreements. Joint trench costs for other utilities are not fundable through the SRP Municipal Aesthetics Program.
- o Municipality streetlight requirements, if applicable, will be provided early in the design process. Streetlight pole installation and connection costs are the responsibility of the Municipality.

Trench Provider: SRP _____ Municipality _____ (please initial choice of provider)

Municipality: CITY OF CHANDLER

Print Name: _____ Title: _____

Approved: _____ Date: _____

Declined: _____ Date: _____

Signature

Signature

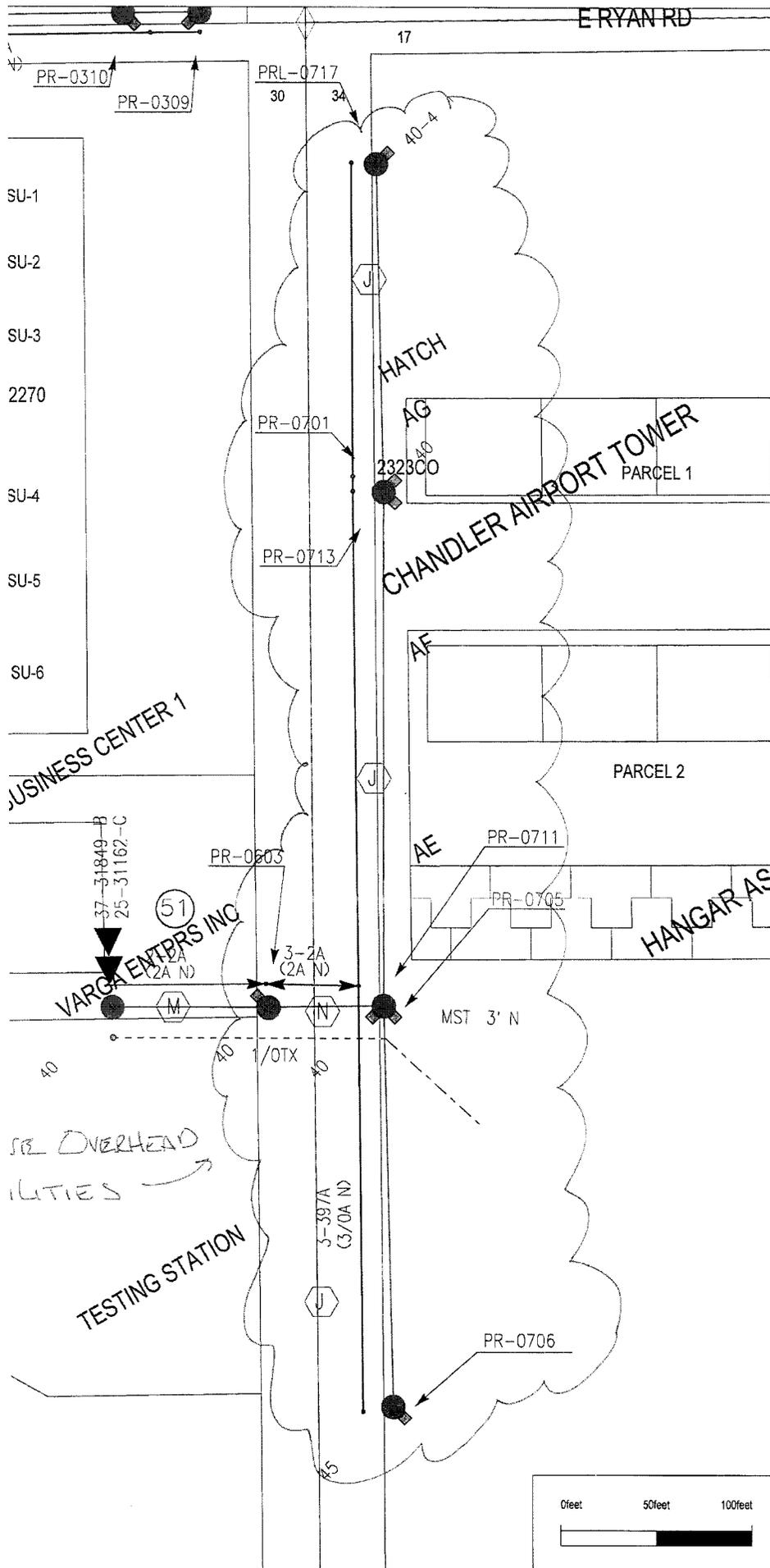
APPROVED AS TO FORM

Janice Cacioppo
 CITY ATTORNEY

Please sign and return this Funding Agreement to:

Janice Cacioppo, XCT400
 Municipal Aesthetics Program Administrator
 SRP Project Services
 P O Box 52025
 Phoenix, AZ 85072-2025

Janice.Cacioppo@srpnet.com
 Office: 602-236-3735
 Fax: 602-629-8390



THESE PRINTS OF THE SRP OVERHEAD AND UNDERGROUND ELECTRICAL FACILITIES SHOULD BE CONSIDERED AS A GUIDE TO, BUT NOT AN EXACT LOCATION OF, THE LOCATION OF OUR EXISTING FACILITIES. SRP MAKES NO REPRESENTATION AS TO THEIR ACCURACY OR FITNESS FOR A PARTICULAR PURPOSE.



East side of Airport Blvd South of Germann Road



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www.srpnet.com

August 25, 2015

Steve DiDomenico
City of Chandler
Mail Stop 403
P O Box 4008
Chandler, AZ 85244-4008

File No.: PSG-103.08.09
Ref No.: MAPE-1463

**SUBJECT: RAY RD-ARIZONA AVE TO ALMA SCHOOL CONVERSION –
AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your email request dated July 10, 2015, SRP has prepared an Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV facilities along the north side of Ray Road from Arizona Ave to Alma School Road.

JOB SCOPE:

Underground Conversion: Install approximately 4,000 linear feet of trench and conduit and approximately 100 linear feet of bore plus backfill and restoration. Install approximately 22,340 linear feet of underground primary and feeder aluminum conductor, one (1) single phase pad mounted device, nine (9) 3-phase pad mounted devices and four (4) risers. Costs assume SRP has prior rights on all facilities.

Overhead Removal: Remove approximately 9,900 linear feet of conductor with neutral, 15 poles and associated equipment, and two (2) pole mounted devices. There are several Telco owned poles at California Street that will not be removed. There is also an existing APS overhead emergency tie at California Street that will require coordination between APS and City of Chandler. The costs associated with the APS facilities are not fundable through SRP's Aesthetics program and will be the responsibility of the City of Chandler.

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

Exhibit 4-pg 2

SRP REF #	JOB SCOPE	COSTS	
T2093024	Trench/Conduit	\$	334,100
	Electrical	\$	643,100
	Underground Subtotal	\$	977,200
T2092998	Overhead Removal	\$	143,800
	TOTAL COST ESTIMATE	\$	1,121,000

This Conceptual Cost Estimate is valid through **December 23, 2015**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

Sincerely,



Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
File



August 25, 2015
 File No.: PSG-103.08.09
 Ref No.: MAPE-1463

MUNICIPAL AESTHETICS PROGRAM
 FUNDING AGREEMENT

CONCEPTUAL ESTIMATE DEFINITIVE COSTS REVISED COSTS

PROJECT NAME: RAY RD-ARIZONA AVE TO ALMA SCHOOL CONVERSION

MUNICIPALITY PROJECT #:

ESTIMATE DATE: 08/25/15

VALID THROUGH: 12/23/15

SRP REF #	JOB SCOPE	SRP		MUNICIPALITY	
		TRENCH/CONDUIT		TRENCH/CONDUIT	
T2093024	Trench/Conduit	\$	334,100	\$	-
	Electrical	\$	643,100	\$	643,100
	Underground Subtotal	\$	977,200	\$	643,100
T2092998	Overhead Removal	\$	143,800	\$	143,800
	TOTAL COST ESTIMATE	\$	1,121,000	\$	786,900

CONDITIONS:

- o This estimate is valid for 120 days from the date of this agreement after which a revised cost may be determined.
- o A Definitive Cost will be sent to the Municipality upon design completion.
- o SRP reserves the right to adjust the estimate to reflect current costs.
- o The Municipality's SRP Municipal Aesthetics allocation exposure for this project will not exceed actual costs incurred by SRP.
- o Any future relocation of the facilities associated with this project will be at the cost of those other than SRP, including use of SRP Municipal Aesthetics funds.
- o Construction will be done during normal SRP work hours unless otherwise agreed to.
- o Lane closures that do not impede the normal workflow of traffic will be allowed unless otherwise agreed to.

Power Projects:

- o As a condition of the use of SRP Aesthetics funds the Municipality is required to provide SRP with a land right that is acceptable to SRP for all relocated and new facilities installed on Aesthetics projects.
- o If the Municipality requires any additional conduits be placed in the trench an agreement must be in place with SRP prior to the start of construction.
- o If applicable, Telco and CATV will be offered a joint trench opportunity per existing agreements. Joint trench costs for other utilities are not fundable through the SRP Municipal Aesthetics Program.
- o Municipality streetlight requirements, if applicable, will be provided early in the design process. Streetlight pole installation and connection costs are the responsibility of the Municipality.

Trench Provider: SRP _____ Municipality _____ (please initial choice of provider)

Municipality: CITY OF CHANDLER

Print Name: _____ Title: _____

Approved: _____ Date: _____

Declined: _____ Date: _____

Signature

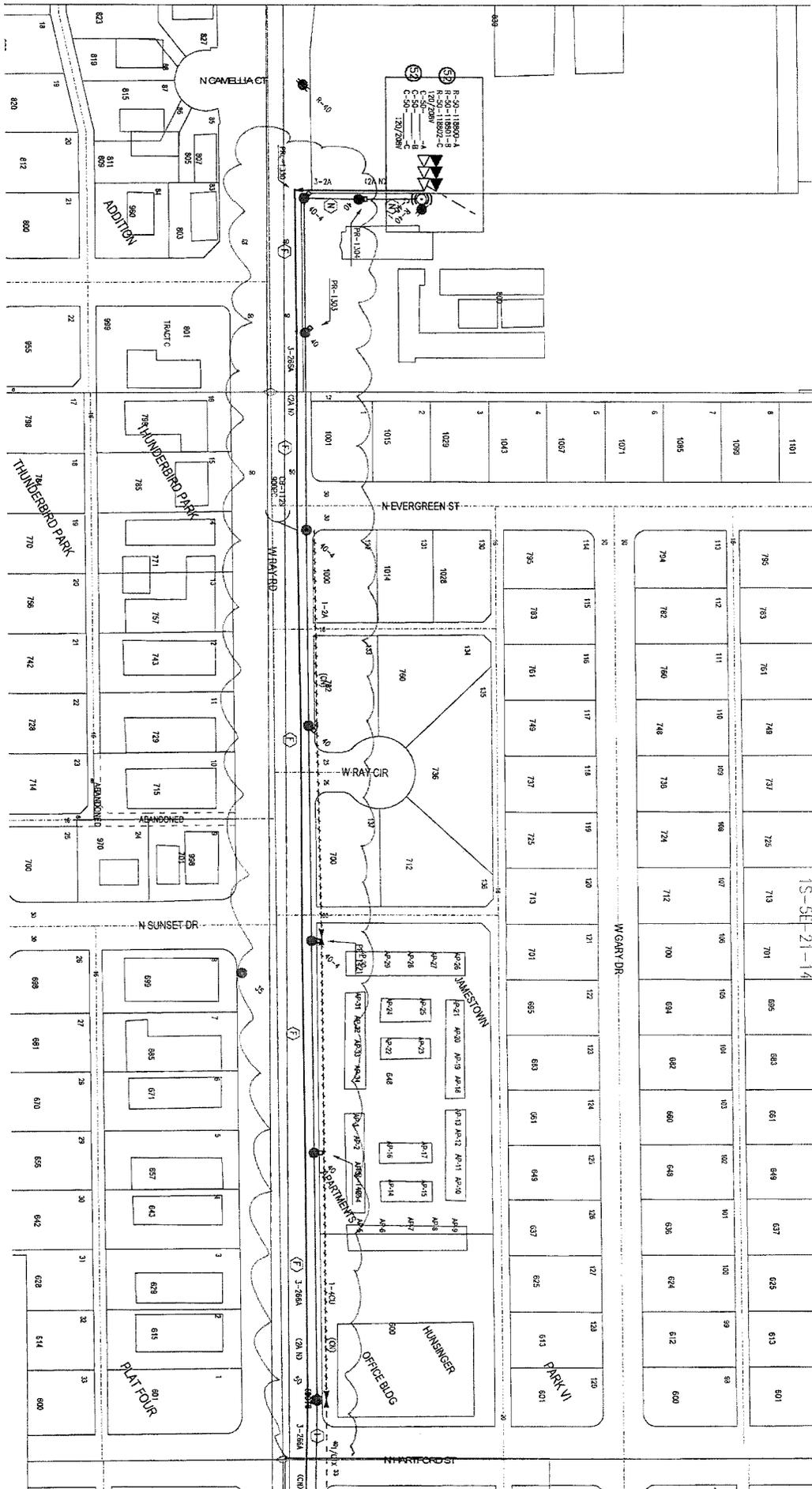
Signature

APPROVED AS TO FORM:

Janice Cacioppo
 CITY ATTORNEY
 Janice.Cacioppo@srpnet.com
 Office: 602-236-3735
 Fax: 602-629-8390

Please sign and return this Funding Agreement to:

Janice Cacioppo, XCT400
 Municipal Aesthetics Program Administrator
 SRP Project Services
 P O Box 52025
 Phoenix, AZ 85072-2025



PRINTS OF THE SRP OVERHEAD AND UNDERGROUND UTILITIES ARE PROVIDED AS A GUIDE TO, BUT NOT AN EXACT LOCATION OF, THE LOCATION OF OUR EXISTING FACILITY. THE LOCATION OF OUR EXISTING FACILITY IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR COURTESY OR FOR A PARTICULAR PURPOSE.

MAP SHEET 2



North Side of Ray Road West of Arizona Ave



P. O. Box 52025
Phoenix, AZ 85072-2025
(602) 236-5900
www.srpnet.com

September 29, 2015

Steve DiDomenico
City of Chandler
Mail Stop 403
P O Box 4008
Chandler, AZ 85244-4008

File No.: PSG-103.08.09
Ref No.: MAPE-1478

**SUBJECT: MCQUEEN – CHANDLER TO FRYE CONVERSION –
AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your request SRP has prepared an Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV underbuild facilities on 69kV poles along the east side of McQueen Road from Chandler Boulevard to Frye Road. This conversion will include two crossings of McQueen to the west side and a crossing of Frye Road.

JOB SCOPE:

Underground Conversion: Install approximately 1,450 linear feet of trench and conduit and bore approximately 400 linear feet. SRP responsible for backfill and restoration if performing these activities. SRP to install approximately one (1) single phase pad mounted device, approximately six (6) three phase pad mounted devices, approximately 3 risers, and approximately 6,650 linear feet of underground primary and feeder aluminum conductor. The area borders on APS area so will required coordination with that utility. Any costs associated with APS or joint use facilities are not fundable through the Aesthetics program.

Overhead Removal: SRP to remove approximately 6,620 linear feet of conductor with neutral, two (2) pole(s), and two (2) pole mounted device(s).

Streetlights:

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

Exhibit 5-pg 2

SRP REF #	JOB SCOPE	COSTS
T2101544	Trench/Conduit	\$ 213,700
	Electrical	\$ 304,900
	Underground Subtotal	\$ 518,600
T2101549	Overhead Removal	\$ 71,800
	TOTAL COST ESTIMATE	\$ 590,400

This Conceptual Cost Estimate is valid through **January 27, 2016**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

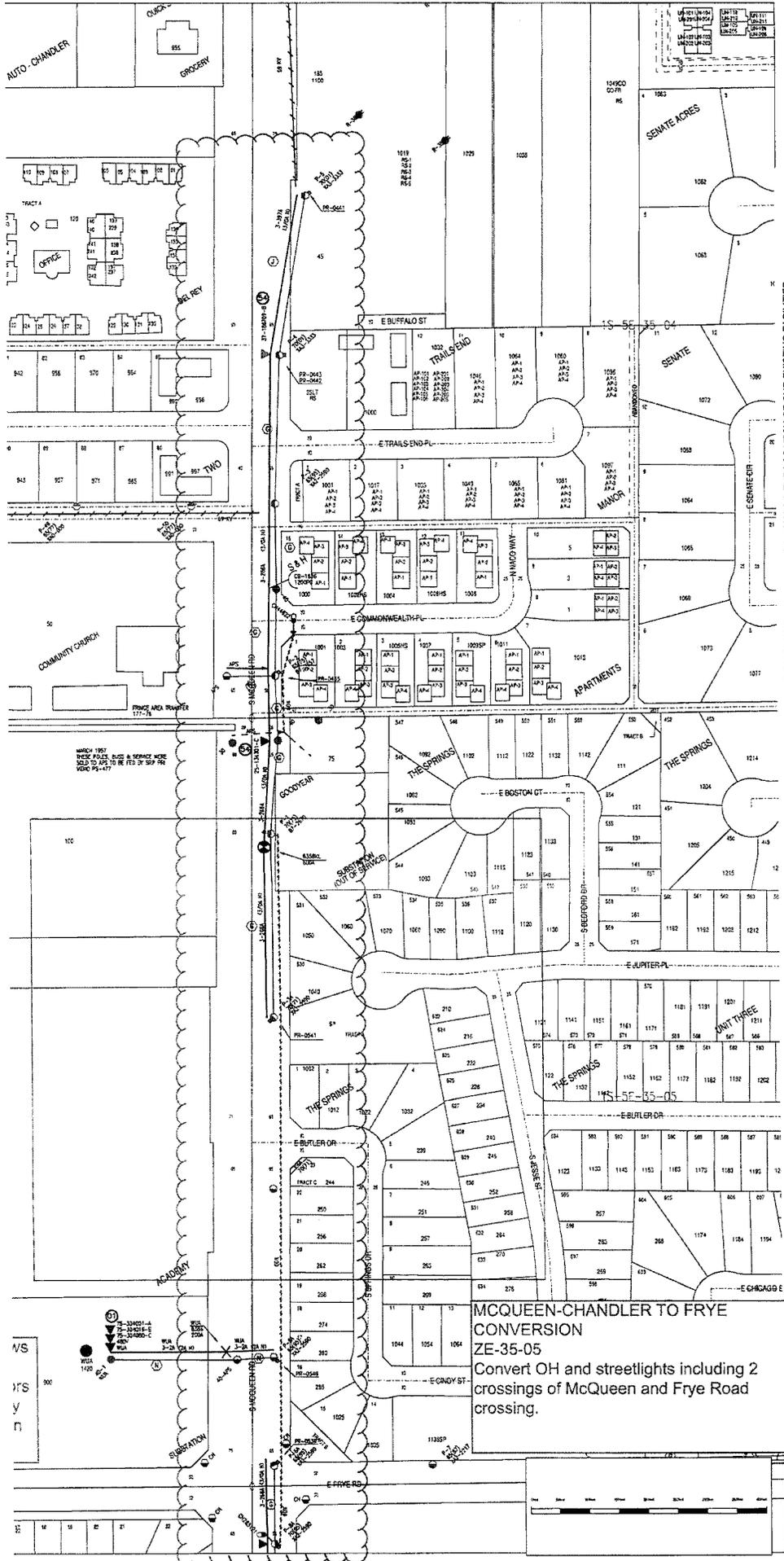
Sincerely,



Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
File



THESE PRINTS OF THE SRP OVERHEAD AND UNDERGROUND ELECTRICAL FACILITIES SHOULD BE CONSIDERED AS A GUIDE TO, BUT NOT AN EXACT LOCATION OF, THE LOCATION OF OUR EXISTING FACILITIES. SRP MAKES NO REPRESENTATION AS TO THEIR ACCURACY OR FITNESS FOR A PARTICULAR PURPOSE.

MCQUEEN-CHANDLER TO FRYE
CONVERSION
ZE-35-05
Convert OH and streetlights including 2
crossings of McQueen and Frye Road
crossing.



East side of McQueen Road South of Chandler Blvd



P. O. Box 52025
Phoenix, AZ 85072-2025
(602) 236-5900
www.srpnet.com

October 13, 2015

Steve DiDomenico
City of Chandler
Mail Stop 403
P O Box 4008
Chandler, AZ 85244-4008

File No.: PSG-103.08.09
Ref No.: MAPE-1487

**SUBJECT: MCCLINTOCK – BUTLER TO MORELOS CONVERSION –
AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your request SRP has prepared an Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV dual circuit underbuild facilities on 69kV poles along the east side of McClintock Road from Butler to Morelos.

JOB SCOPE:

Underground Conversion: SRP to install approximately 1,165 linear feet of trench and conduit and approximately 100 linear feet of bore. SRP responsible for backfill and restoration. SRP will utilize existing spare conduit which reduces the trench, conduit, and bore quantities. SRP to install approximately one (1) single phase pad mounted device, five (5) three phase pad mounted devices, one (1) risers; approximately 50 linear feet of underground primary and feeder aluminum conductor, and approximately 23,490 linear feet of feeder copper conductor. Copper conductor is required due to proximity to Airpark Substation.

Overhead Removal: SRP to remove approximately 15,000 linear feet of conductor with neutral, approximately 2 poles, and one (1) pole mounted devices.

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

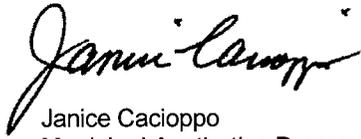
SRP REF#	JOB SCOPE	COSTS
T2099303	Trench/Conduit	\$ 124,800
	Electrical	\$ 1,486,700
	Underground Subtotal	\$ 1,611,500
T2099298	Overhead Removal	\$ 101,500
	TOTAL COST ESTIMATE	\$ 1,713,000

Exhibit 6-pg 2

This Conceptual Cost Estimate is valid through **February 10, 2016**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

Sincerely,

A handwritten signature in black ink that reads "Janice Cacioppo". The signature is written in a cursive style with a large initial "J".

Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
File



October 13, 2015
 File No.: PSG-103.08.09
 Ref No.: MAPE-1487

MUNICIPAL AESTHETICS PROGRAM
 FUNDING AGREEMENT

CONCEPTUAL ESTIMATE DEFINITIVE COSTS REVISED COSTS

PROJECT NAME: MCCLINTOCK – BUTLER TO MORELOS CONVERSION

MUNICIPALITY PROJECT #:

ESTIMATE DATE: 10/13/15

VALID THROUGH: 02/10/16

SRP REF #	JOB SCOPE	SRP TRENCH/CONDUIT	MUNICIPALITY TRENCH/CONDUIT
T2099303	Trench/Conduit	\$ 124,800	\$ -
	Electrical	\$ 1,486,700	\$ 1,486,700
	Underground Subtotal	\$ 1,611,500	\$ 1,486,700
T2099298	Overhead Removal	\$ 101,500	\$ 101,500
TOTAL COST ESTIMATE		\$ 1,713,000	\$ 1,588,200

CONDITIONS:

- This estimate is valid for 120 days from the date of this agreement after which a revised cost may be determined.
- A Definitive Cost will be sent to the Municipality upon design completion.
- SRP reserves the right to adjust the estimate to reflect current costs.
- The Municipality's SRP Municipal Aesthetics allocation exposure for this project will not exceed actual costs incurred by SRP.
- Any future relocation of the facilities associated with this project will be at the cost of those other than SRP, including use of SRP Municipal Aesthetics funds.
- Construction will be done during normal SRP work hours unless otherwise agreed to.
- Lane closures that do not impede the normal workflow of traffic will be allowed unless otherwise agreed to.

Power Projects:

- As a condition of the use of SRP Aesthetics funds the Municipality is required to provide SRP with a land right that is acceptable to SRP for all relocated and new facilities installed on Aesthetics projects.
- If the Municipality requires any additional conduits be placed in the trench an agreement must be in place with SRP prior to the start of construction.
- If applicable, Telco and CATV will be offered a joint trench opportunity per existing agreements. Joint trench costs for other utilities are not fundable through the SRP Municipal Aesthetics Program.
- Municipality streetlight requirements, if applicable, will be provided early in the design process. Streetlight pole installation and connection costs are the responsibility of the Municipality.

Trench Provider: SRP _____ Municipality _____ (please initial choice of provider)

Municipality: CITY OF CHANDLER

Print Name: _____ Title: _____

Approved: _____ Date: _____

Declined: _____ Date: _____

Signature

Signature

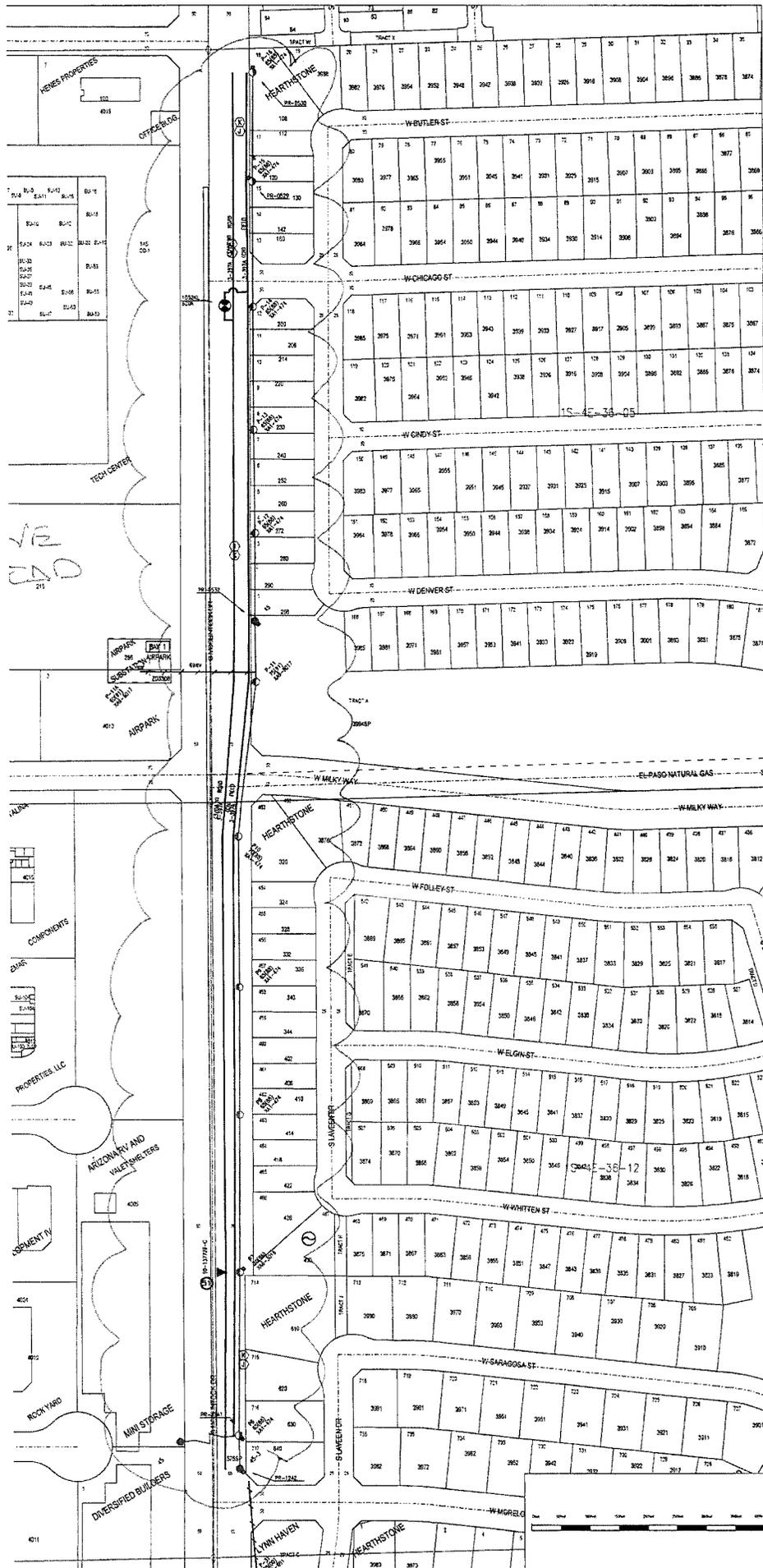
APPROVED AS TO FORM

Janice Cacioppo
 CITY ATTORNEY

Please sign and return this Funding Agreement to:

Janice Cacioppo, XCT400
 Municipal Aesthetics Program Administrator
 SRP Project Services
 P O Box 52025
 Phoenix, AZ 85072-2025

Janice.Cacioppo@srpnet.com
 Office: 602-236-3735
 Fax: 602-629-8390



THESE PRINTS OF THE SRP OVERHEAD AND UNDERGROUND ELECTRICAL FACILITIES SHOULD BE CONSIDERED AS A GUIDE TO, BUT NOT AN EXACT LOCATION OF, THE LOCATION OF OUR EXISTING FACILITIES. SRP MAKES NO REPRESENTATION AS TO THEIR ACCURACY OR FITNESS FOR A PARTICULAR PURPOSE.



East side of McClintock Road North of Morelas



P. O. Box 52025
Phoenix, AZ 85072-2025
(602) 236-5900
www.srpnet.com

October 19, 2015

Steve DiDomenico
City of Chandler
Mail Stop 403
P O Box 4008
Chandler, AZ 85244-4008

File No.: PSG-103.08.09
Ref No.: MAPE-1490

**SUBJECT: FRYE RD – MCQUEEN TO CONSOLIDATED CANAL CONVERSION –
AESTHETICS CONCEPTUAL COST ESTIMATE**

Dear Steve,

Per your request SRP has prepared an Aesthetics Conceptual Cost Estimate to bury the existing SRP 12kV facilities underbuilt on SRP 69kV poles along the north side of Frye Road from McQueen east to the Consolidated Canal at Shultz Substation. This work will also move the existing SRP Communications underbuilt to the static position along that same pole line.

JOB SCOPE:

Underground Conversion: Install approximately 4,500 linear feet of trench and conduit. If SRP does trench and conduit, SRP will be responsible for backfill and restoration. SRP to install approximately four (4) single phase pad mounted devices, seven (7) three phase pad mounted devices, seven (7) risers, approximately 3,050 linear feet of underground primary and feeder aluminum conductor, and approximately 13,500 linear feet of feeder copper conductor. Copper conductor is required due to proximity to Shultz Substation.

Overhead Removal: SRP to remove approximately 11,610 linear feet of conductor with neutral, and approximately one (1) pole, one (1) pole mounted device, four (4) primary risers, and four (4) transformers.

SRP Communications: Install OPGW fiber in the static position at top of 69kV poles and remove ADSS and 50 pair copper underbuild from Shultz Substation to 69kV pole P-6A for SRP Communications.

COSTS:

Conceptual cost estimates are prepared under the following assumptions:

- 1) Standard 2 foot wide X 8 feet deep trench with slurry backfill;
- 2) 24 inch wide asphalt cut and hot asphalt patch in road;
- 3) Restoration of area where civil work in road is complete;
- 4) One Police Officer for duration of construction;
- 5) Does not include the costs for Joint Trench, Bore or Conduit, which are not fundable through Aesthetics;
- 6) Does not include after-hours construction for commercial outages;
- 7) Does not include private lighting or new streetlights/system costs.

Exhibit 7-pg 2

SRP REF #	JOB SCOPE	COSTS
T2105041	Trench/Conduit	\$ 374,700
	Electrical	\$ 1,131,400
	Underground Subtotal	\$ 1,506,100
T2105134	Overhead Removal	\$ 106,100
TBD	SRP Communications - OPGW	\$ 170,000
	TOTAL COST ESTIMATE	\$ 1,782,200

This Conceptual Cost Estimate is valid through **February 16, 2016**. Please sign and return the attached Aesthetics Funding Agreement to me.

Please contact me at (602) 236-3735 or at Janice.Cacioppo@srpnet.com if you have any questions regarding the Aesthetics funding.

Sincerely,



Janice Cacioppo
Municipal Aesthetics Program Administrator

Sent via Email

c: Margaret Coulter, Chandler
V Silvestro
M Unser
N Reber
File



October 19, 2015
 File No.: PSG-103.08.09
 Ref No.: MAPE-1490

MUNICIPAL AESTHETICS PROGRAM
 FUNDING AGREEMENT

CONCEPTUAL ESTIMATE DEFINITIVE COSTS REVISED COSTS

PROJECT NAME: FRYE RD – MCQUEEN TO CONSOLIDATED CANAL CONVERSION

MUNICIPALITY PROJECT #:

ESTIMATE DATE: 10/19/15

VALID THROUGH: 02/16/16

SRP REF #	JOB SCOPE	SRP	
		TRENCH/CONDUIT	MUNICIPALITY TRENCH/CONDUIT
T2105041	Trench/Conduit	\$ 374,700	\$ -
	Electrical	\$ 1,131,400	\$ 1,131,400
	Underground Subtotal	\$ 1,506,100	\$ 1,131,400
T2105134	Overhead Removal	\$ 106,100	\$ 106,100
TBD	SRP Communications - OPGW	\$ 170,000	\$ 170,000
	TOTAL COST ESTIMATE	\$ 1,782,200	\$ 1,407,500

CONDITIONS:

- This estimate is valid for 120 days from the date of this agreement after which a revised cost may be determined.
- A Definitive Cost will be sent to the Municipality upon design completion.
- SRP reserves the right to adjust the estimate to reflect current costs.
- The Municipality's SRP Municipal Aesthetics allocation exposure for this project will not exceed actual costs incurred by SRP.
- Any future relocation of the facilities associated with this project will be at the cost of those other than SRP, including use of SRP Municipal Aesthetics funds.
- Construction will be done during normal SRP work hours unless otherwise agreed to.
- Lane closures that do not impede the normal workflow of traffic will be allowed unless otherwise agreed to.

Power Projects:

- As a condition of the use of SRP Aesthetics funds the Municipality is required to provide SRP with a land right that is acceptable to SRP for all relocated and new facilities installed on Aesthetics projects.
- If the Municipality requires any additional conduits be placed in the trench an agreement must be in place with SRP prior to the start of construction.
- If applicable, Telco and CATV will be offered a joint trench opportunity per existing agreements. Joint trench costs for other utilities are not fundable through the SRP Municipal Aesthetics Program.
- Municipality streetlight requirements, if applicable, will be provided early in the design process. Streetlight pole installation and connection costs are the responsibility of the Municipality.

Trench Provider: SRP _____ Municipality _____ (please initial choice of provider)

Municipality: CITY OF CHANDLER

Print Name: _____ Title: _____

Approved: _____ Date: _____

Signature

Declined: _____ Date: _____

Signature

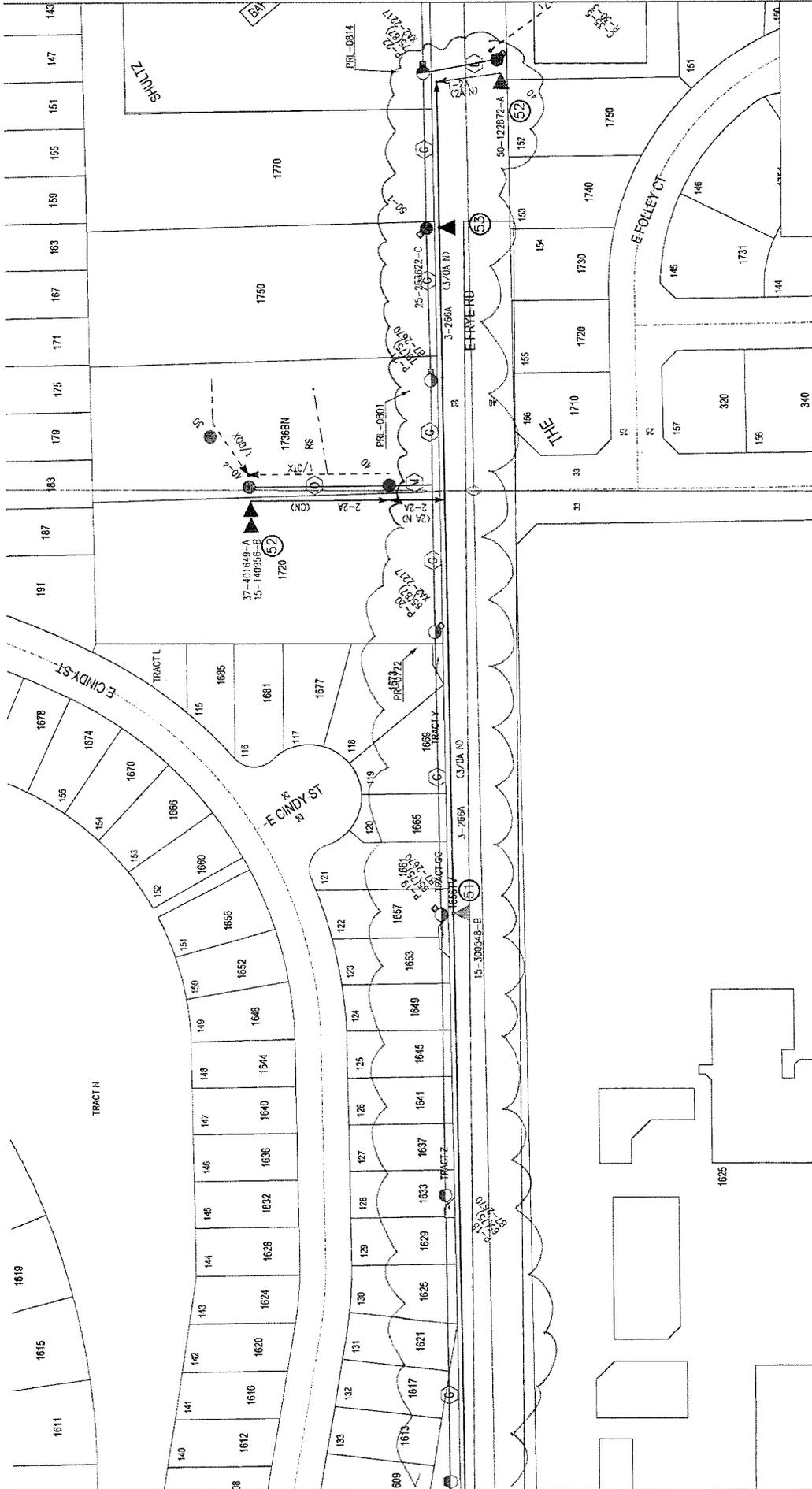
Please sign and return this Funding Agreement to:

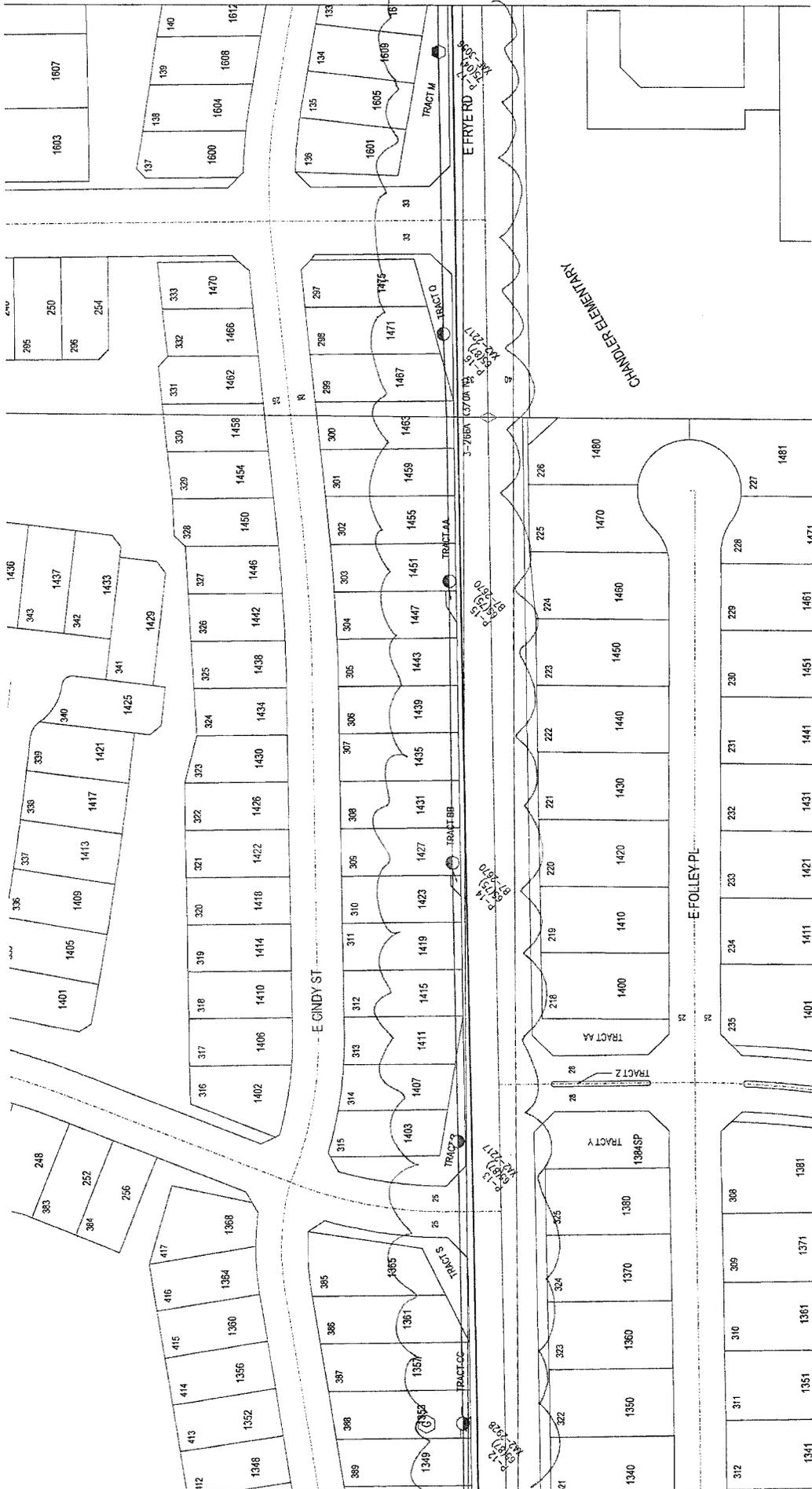
Janice Cacioppo, XCT400
 Municipal Aesthetics Program Administrator
 SRP Project Services
 P O Box 52025
 Phoenix, AZ 85072-2025

Janice.Cacioppo@srpnet.com
 Office: 602-236-3735
 Fax: 602-629-8390

APPROVED AS TO FORM

CITY ATTORNEY *[Signature]*







North side of Frye Road east of McQueen Road