

**PM-10 CERTIFIED STREET SWEEPER APPLICATION  
CMAQ Funding Available for Federal Fiscal Year 2014**

**General Instructions:**

This form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for PM-10 certified street sweepers. Available funding region wide is estimated at \$900,000 in FY 2014 CMAQ.

This application form includes: Part A - Contact Information, Part B - Cost and Funding Information, Part C - Methodology, Part D - Supplemental Information, Part E - Signature, and Part F - Checklist (These 6 parts are in one tab). Separate tabs are provided for the Transmittal Instructions and the Schedule, Attachment 1 - list of eligible street sweepers for CMAQ reimbursement, and Attachment 2 - list of example equipment not eligible for CMAQ reimbursement. Alternative application forms are available upon request.

**Deadlines and Transmittal Instructions:**

Two copies of a printed, complete and signed application must be received in the MAG offices by **10:00 a.m. Friday, November 22, 2013**. The application is also to be submitted electronically. Detailed transmittal instructions are located in the excel tab - Transmittal Inst. and Schedule.

If member agencies need additional information or have questions, they should contact Dean Giles, Teri Kennedy, or Stephen Tate at

- <mailto:dgiles@azmag.gov>
- <mailto:tkennedy@azmag.gov>
- <mailto:state@azmag.gov>

**All information is required.**

**PART A - CONTACT INFORMATION**

**Contact Information**

1. Agency Name (Please select one)	Tempe
2. Name:	Jimmy Thornton
3. Phone:	480-350-8707
4. E-Mail:	<a href="mailto:james_thornton@tempe.gov">james_thornton@tempe.gov</a>
5. Mailing Address:	945 W. Rio Salado Pkwy. Tempe AZ 85281

**PART B - FUNDING INFORMATION**

6. Please attach a detailed price summary for the proposed equipment from the vendor. Additional costs for optional equipment beyond the specifications necessary for compliance with Rule 1186-certification are not eligible for reimbursement	Please attach the detailed price summary when submitting and transmitting application.		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	<b>\$238,740</b>		
(b) Total Cost Eligible for Reimbursement ( See Attachment 1 for list of Rule 1186 Sweepers)	<b>\$238,090</b>		
(c) Costs not eligible for reimbursement. The Local Agency is responsible for these costs. = 7a - 7b ( See Attachment 2 for list of example ineligible equipment for CMAQ reimbursement )	<b>\$650</b>		
8. Reimbursement Information	<b>Amount</b>	<b>Funding Type</b>	<b>Share of Eligible Cost (See #7)</b>
(a) Federal Share of Total Cost Eligible for Reimbursement (Cannot be more than 94.3% of Total Eligible Cost for Reimbursement as listed in 7b) = 7b * 94.3%	<b>\$224,519</b>	<b>CMAQ</b>	<b>94.3%</b>
(b) Local Share of Total Cost Eligible for Reimbursement (Cannot be less than 5.7% of Total Cost Eligible for Reimbursement as listed in #7b) = 7b * 5.7%	<b>\$13,571</b>	<b>Local</b>	<b>5.70%</b>

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9. Project Funding Based on Information from #7 & #8	<b>Federal Share = 8a</b>	<b>Local Share = 7c + 8b</b>	<b>Total Cost of Sweeper</b>
	\$224,519	\$14,221	\$238,740

**PART C: METHODOLOGY INFORMATION**

Information in Part C is used to calculate a CMAQ cost effectiveness score for the requested street sweeper.

10. The requested PM-10 certified street sweeper will (Select Yes or No for all that apply):				
(a) Replace a noncertified street sweeper	No			
(b) Expand service area	No			
(c) Increase sweeping frequency	No			
(d) Replace an older certified street sweeper <b>(The older certified sweeper being replaced should be at least 8 years old)</b>	Yes			
11. For the requested sweeper, please provide the information for roadway types in the table below for: (a) Sweeping cycle length (measured in days between sweepings) (b) Lane miles to be swept per cycle (c) Average weekday traffic per lane being swept (d) If values were entered in the "Other" column, please specify what "Other" means:	<b>Arterial Street</b>	<b>Collector Street</b>	<b>Residential Street</b>	<b>Other</b>
	7	30	30	
	111	73	125	
	7,462	3,636	500	
12. If "expand service area" was "yes" in question #10, please provide the following information for the roadway types in the table below: - Previously unswept lane miles to be swept by the new sweeper: If values were entered in the "Other" column, please specify what "Other" means:	<b>Arterial Street</b>	<b>Collector Street</b>	<b>Residential Street</b>	<b>Other</b>
13. If "increase sweeping frequency" was "yes" in question #10, please provide the following information for the roadway types in the table below: - Previous cycle length (measured in days between sweepings):	<b>Arterial Street</b>	<b>Collector Street</b>	<b>Residential Street</b>	<b>Other</b>

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If values were entered in the "Other" column, please specify what "Other" means:

14. If "replace an older PM-10 certified street sweeper" was "yes" in question #10, please provide information in the following	
(a) Number of hours in service of the sweeper that is being replaced	8,780
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	06-Mar
(c) An estimate of the percent of time the older sweeper was out of service in the past year due to repairs and maintenance issues	35%
(d) Please explain why the older sweeper was out of service.	Maintenance required more often due to vehicle's age.
15. Will the requested certified street sweeper be used to sweep streets within 4 miles of a PM-10 monitor? If yes, please specify which monitor. <a href="#">Link to MAG webpage for PM-10 Map</a>	Yes, PM-10 monitors #9 275 S. Ellis Dr., Chandler; #2 310 S. Brook Rd., Mesa; #15 1515 S. College Ave., Tempe
<b>Part D - SUPPLEMENTAL INFORMATION:</b>	
16. Have local resources been committed for additional staff or equipment to support the PM-10 certified street sweeper? (Please select Yes or No) If yes, please provide details (e.g., number, type and cost of employees, equipment, and maintenance).	No
17. Please indicate in what geographical area(s) the requested certified street sweeper will operate (e.g., Glendale Ave. to Thomas Rd.; 19th Ave. to Central Ave).	Ray Rd. to Continental Dr; Evergreen Dr. to Priest Dr.
18. Provide a map of the area to be swept by the proposed sweeper.	Please attach a PDF when submitting and transmitting application.

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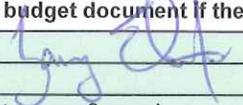
<mailto:state@azmag.gov>

**All information is required.**

19. Please indicate if your agency would be willing to provide MAG with additional information on the requested PM-10 certified street sweeper. (Please select Yes or No)	Yes	
20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:		
(a) PM-10 certified:	6	
(b) Noncertified:	0	

**PART E - SIGNATURE PAGE**

**As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the sponsoring MAG member agency's local current CIP/TIP or budget document if the project is selected for federal funding.**

Signature:	
Name:	Jimmy Thornton
Title:	Transportation Maintenance Supervisor
Date:	November 7, 2013

**PART F - CHECK LIST (OPTIONAL)**

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed

Part A - Fields 1- 5 are complete	No	
Part B - Fields 6-9 are complete	No	
Part C - Fields 10-14 are complete	No	
Part D - Fields 15-21 are complete	No	

PHONE (480) 966-6094  
 FAX (480) 894-5280

CONTRACTOR LICENSE NO'S:

100 SOUTH PRICE ROAD  
 TEMPE, ARIZONA 85281-3118  
 E-MAIL: nesbittcon@aol.com

ARIZONA ROC073204A  
 NEVADA 37535  
 NEW MEXICO 031975  
 UTAH 22-247644-5501  
 IDAHO 14332-AAA-4(47)



**Bill To:**  
**City of Tempe**  
**PO Box 5002**  
**Tempe, Arizona 85280**

JOB NAME:

Job No: BRM1009

**Ship to:**  
**Equipment Maintenance**  
**53 S. Priest Dr.**  
**Tempe, Arizona 85281**

DATE: 9/9/2013  
 INVOICE NO: BRM1009

NO.	ITEM	QUANTITY	U.M.	UNIT PRICE	TOTAL
1	Nescon X-broom Street sweeper as proposed on RFP 13-029.	1	Ea.	\$ 218,500.00	\$ 218,500.00
2	Changes: Rear hopper strobes moved to back panel.				\$ -
3	Options: 4 – Amber Strobe lights, 2 on the front and 1 on each side of truck.	1	set	\$ 595.00	\$ 595.00
4	2 – Camera Video System, One for backup and one for hopper dumping.	1	Ea.	\$ 650.00	\$ 650.00
5	Fire extinguisher	1	Ea.	\$ 100.00	\$ 100.00
6	Diagnostic software and cables for cab & chassis	1	Ea.	\$ 600.00	\$ 600.00
	<b>Subtotal:</b>				\$ 220,445.00
	<b>Sales tax:</b>	8.30%	%	\$ 220,445.00	\$ 18,296.94
				<b>Total:</b>	<b>\$238,741.94</b>



PHONE (480) 966-6094  
 FAX (480) 894-5280

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100 SOUTH PRICE ROAD  
 TEMPE, ARIZONA 85281-3118  
 E-MAIL: nesbittcon@aol.com

ARIZONA R0C073204A  
 NEVADA 37535  
 NEW MEXICO 031975  
 UTAH 22-247644-5501  
 IDAHO 14332-AAA-4(47)



Bill To:  
**City of Tempe**  
**PO Box 5002**  
**Tempe, Arizona 85280**

JOB NAME:

Job No: BRM1009

Ship to:  
**Equipment Maintenance**  
**53 S. Priest Dr.**  
**Tempe, Arizona 85281**

DATE: 10/25/2013

PO #: TEMPE-0008194492

INVOICE NO: 5847

NO.	ITEM	QUANTITY	U.M.	UNIT PRICE	TOTAL
1	Nescon X-broom Street sweeper as proposed on RFP 13-029. Serial No. : BRM1009 Delivered: 10/25/13	1	Ea.	\$ 218,500.00	\$ 218,500.00
2	Changes: Rear hopper strobes moved to back panel.				\$ -
3	Options: 4 - Amber Strobe lights, 2 on the front and 1 on each side of truck.	1	set	\$ 595.00	\$ 595.00
4	2 - Camera Video System, One for backup and one for hopper dumping.	1	Ea.	\$ 650.00	\$ 650.00
5	Fire extinguisher	1	Ea.	\$ 100.00	\$ 100.00
6	Diagnostic software and cables for cab & chassis	0	Ea.	\$ 600.00	\$ -
	Subtotal:				\$ 219,845.00
	Sales tax:	8.30%	%	\$ 219,845.00	\$ 18,247.14
				Total:	\$238,092.14

# CITY OF TEMPE SWEEPING SCHEDULE

"Attachment B"

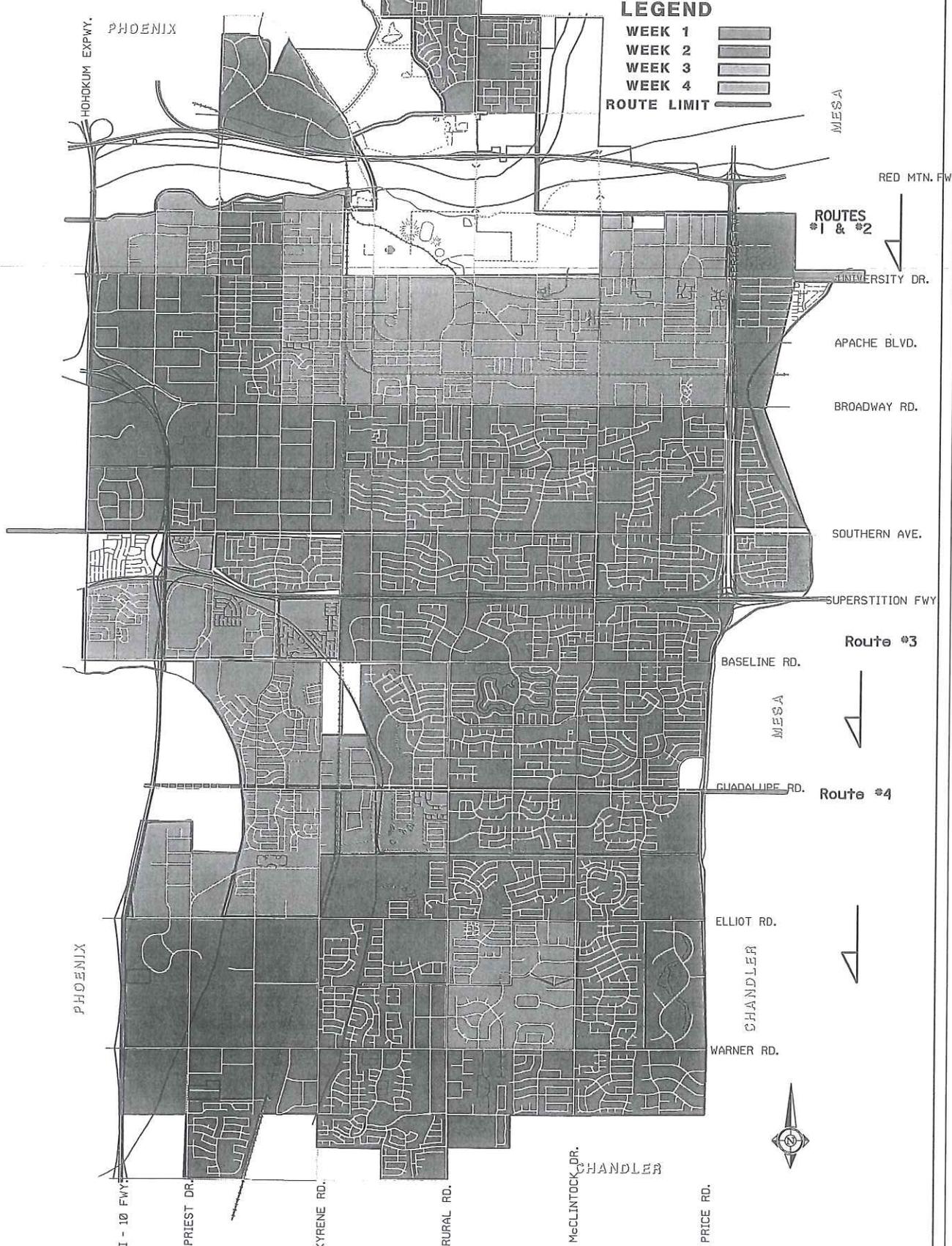
UPDATED MAY 2003



SCOTTSDALE

## LEGEND

- WEEK 1
- WEEK 2
- WEEK 3
- WEEK 4
- ROUTE LIMIT



2013 Inventory of PM-10 Certified Street Sweepers  
City of Tempe

FEDERAL AWARDING AGENCY	PERCENTAGE OF FEDERAL PARTICIPATION	PERCENTAGE OF RECIPIENT OR SUBRECIPIENT PARTICIPATION (BASED ON ELIGIBLE AMOUNT)	CONDITION OF STREET SWEEPER	USE OF STREET SWEEPER	LOCATION OF STREET SWEEPER WHEN NOT IN USE (STREET ADDRESS)	DATE OF DISPOSAL*	SALE PRICE OR TRADE-IN VALUE
FHWA	88.00	12.00	N/A	N/A	51 South Priest Drive	07/01/2013	43721**
FHWA	94.30	5.70	Poor	Routine street sweeping	51 South Priest Drive		
FHWA	81.12	18.88	Fair	Routine street sweeping	51 South Priest Drive		
FHWA	89.48	10.52	Fair	Routine street sweeping	51 South Priest Drive		
FHWA	86.35	13.65	Good	Routine street sweeping	51 South Priest Drive		
FHWA	99.08	0.92	Good	Routine street sweeping	51 South Priest Drive		
FHWA	90.04	9.96	Good	Routine street sweeping	51 South Priest Drive		

2013 Inventory of PM-10 Certified Street Sweepers  
City of Tempe

VENDOR	MANUFACTURER	MODEL	SERIAL NUMBER OR VEHICLE IDENTIFICATION NUMBER	FEDERAL PARTICIPATION	LOCAL PARTICIPATION (BASED ON ELIGIBLE AMOUNT)	TOTAL COST (BASED ON ELIGIBLE AMOUNT)	ACCUMULATED DEPRECIATION	NET BOOK VALUE
Norwood Equipment, Inc.	Elgin	Broom Bear - 231	1FVABTDC85DU91409	\$ 141,445.82	\$ 19,288.07	\$ 160,733.89	N/A	N/A
Norwood Equipment, Inc.	Elgin	Broom Bear - 221	1FVACXDC46HV58697	\$ 159,540.58	\$ 9,643.49	\$ 169,184.07	\$ 120,765.53	\$ 49,726.98
Southwest Sweeper Sales	Python	S3000 - 401	1GDM7F1B19F410893	\$ 160,665.00	\$ 37,399.46	\$ 198,064.46	\$ 94,905.89	\$ 103,158.57
Southwest Sweeper Sales	Python	S3000 - 143	4GTM7F1B88F700226	\$ 154,850.60	\$ 18,213.86	\$ 173,064.46	\$ 82,526.87	\$ 90,537.59
H&E Equipment Services	Tymco	500 - 114	1HTJTSKN9CJ551450	\$ 186,774.00	\$ 29,530.70	\$ 216,304.70	\$ 54,076.18	\$ 162,228.52
H&E Equipment Services	Tymco	500 - 214	1HTJTSKN8DJ222742	\$ 216,305.00	\$ 1,999.15	\$ 218,304.15	\$ 43,261.00	\$ 175,043.15
Arizona Pavement Profiling	Nescon	X-Broom - 201	1FVACXBS3CDBN6721	\$ 216,305.00	\$ 23,930.94	\$ 240,235.94	\$ 12,011.80	\$ 228,224.14

2013 Inventory of PM-10 Certified Street Sweepers  
City of Tempe

IS STREET SWEEPER IN JURISDICTION'S INVENTORY?	ACQUISITION DATE (INVOICE DATE)	NAME OF TITLE HOLDER	JURISDICTION	CONTACT PERSON	TELEPHONE	Asset Number	DESCRIPTION OF PROPERTY
5073 No	04/12/2005	City of Tempe	Tempe	Isaac Chavira	480-350-8267	N/A	PM-10 Certified Street Sweeper
5441 Yes	03/03/2006	City of Tempe	Tempe	Isaac Chavira	480-350-8267		PM-10 Certified Street Sweeper
6147 Yes	08/24/2009	City of Tempe	Tempe	Isaac Chavira	480-350-8267	6147	PM-10 Certified Street Sweeper
6266 Yes	03/08/2010	City of Tempe	Tempe	Isaac Chavira	480-350-8267	6266	PM-10 Certified Street Sweeper
0 Yes	06/06/2011	City of Tempe	Tempe	Isaac Chavira	480-350-8267		PM-10 Certified Street Sweeper
Yes	07/30/2012	City of Tempe	Tempe	Isaac Chavira	480-350-8267		PM-10 Certified Street Sweeper
Yes	01/08/2013	City of Tempe	Tempe	Isaac Chavira	480-350-8267		PM-10 Certified Street Sweeper

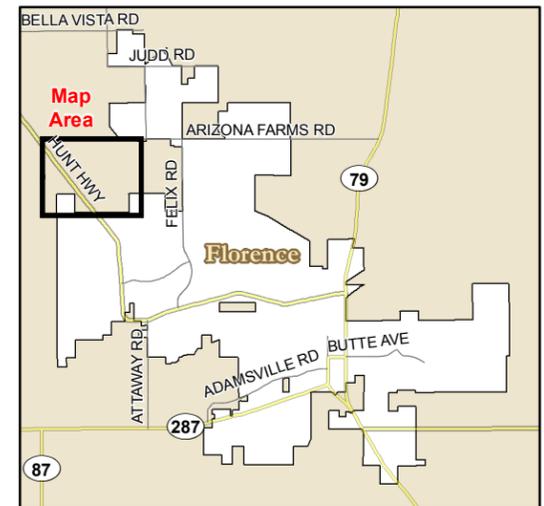
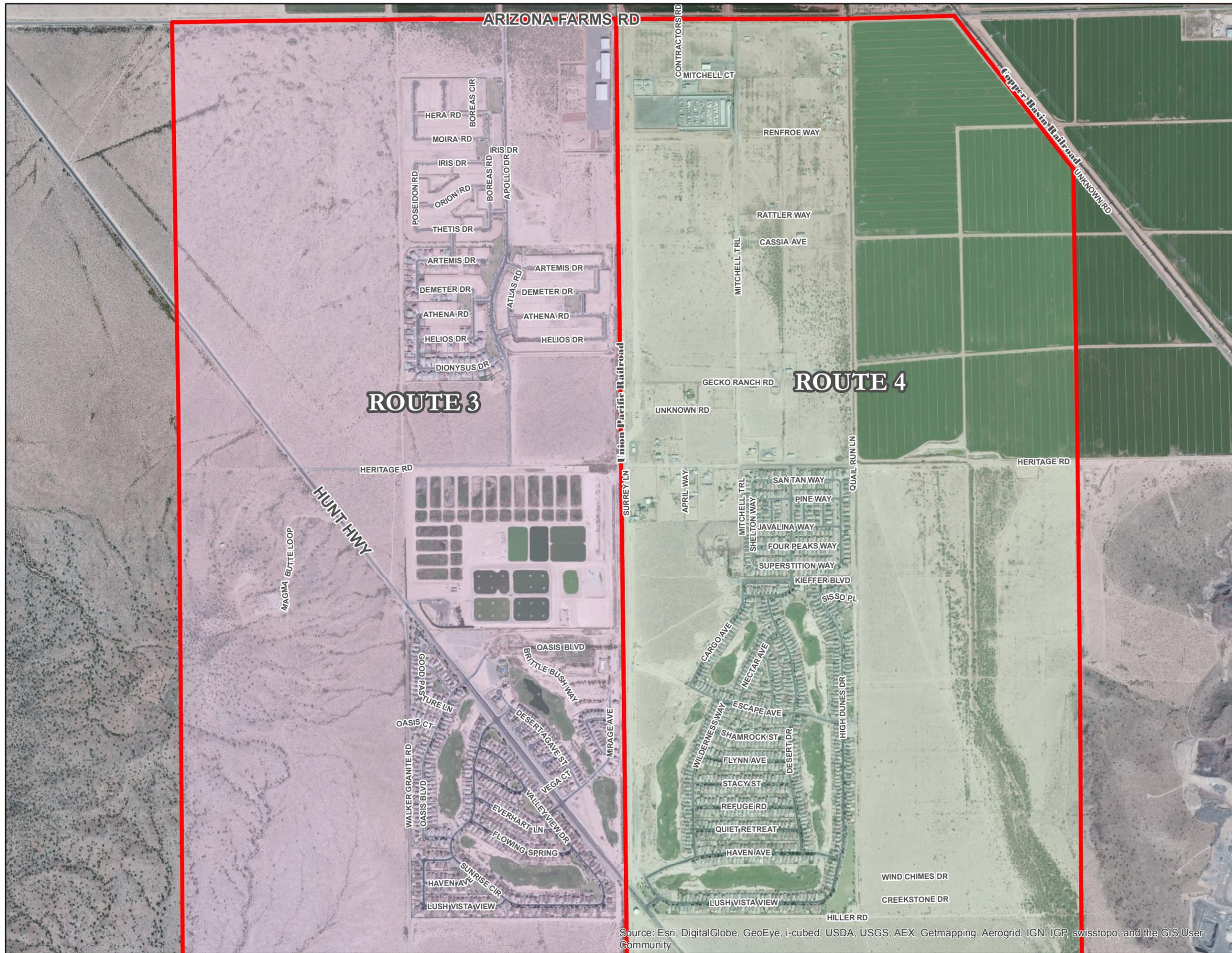
\* In accordance with ADOT Policies and Procedures, prior to disposal of CMAQ-funded street sweepers, contact Dean Giles, MAG, at (602) 254-6300.

\*\*Sale of sweeper \$46,000 less auction fees \$2,279 with a net of \$43,721.



# Town of Florence

## Street Sweeping Routes



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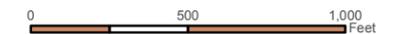
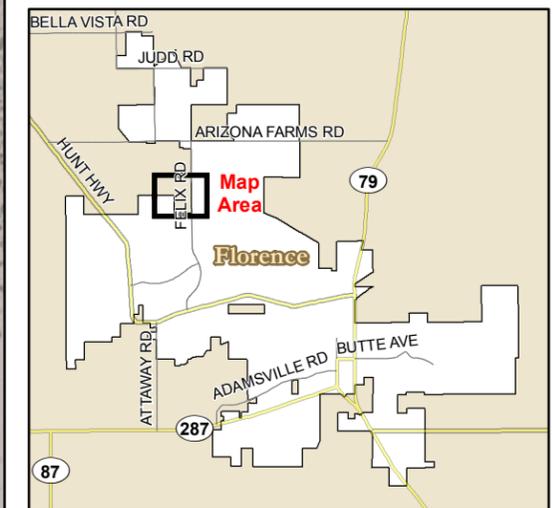
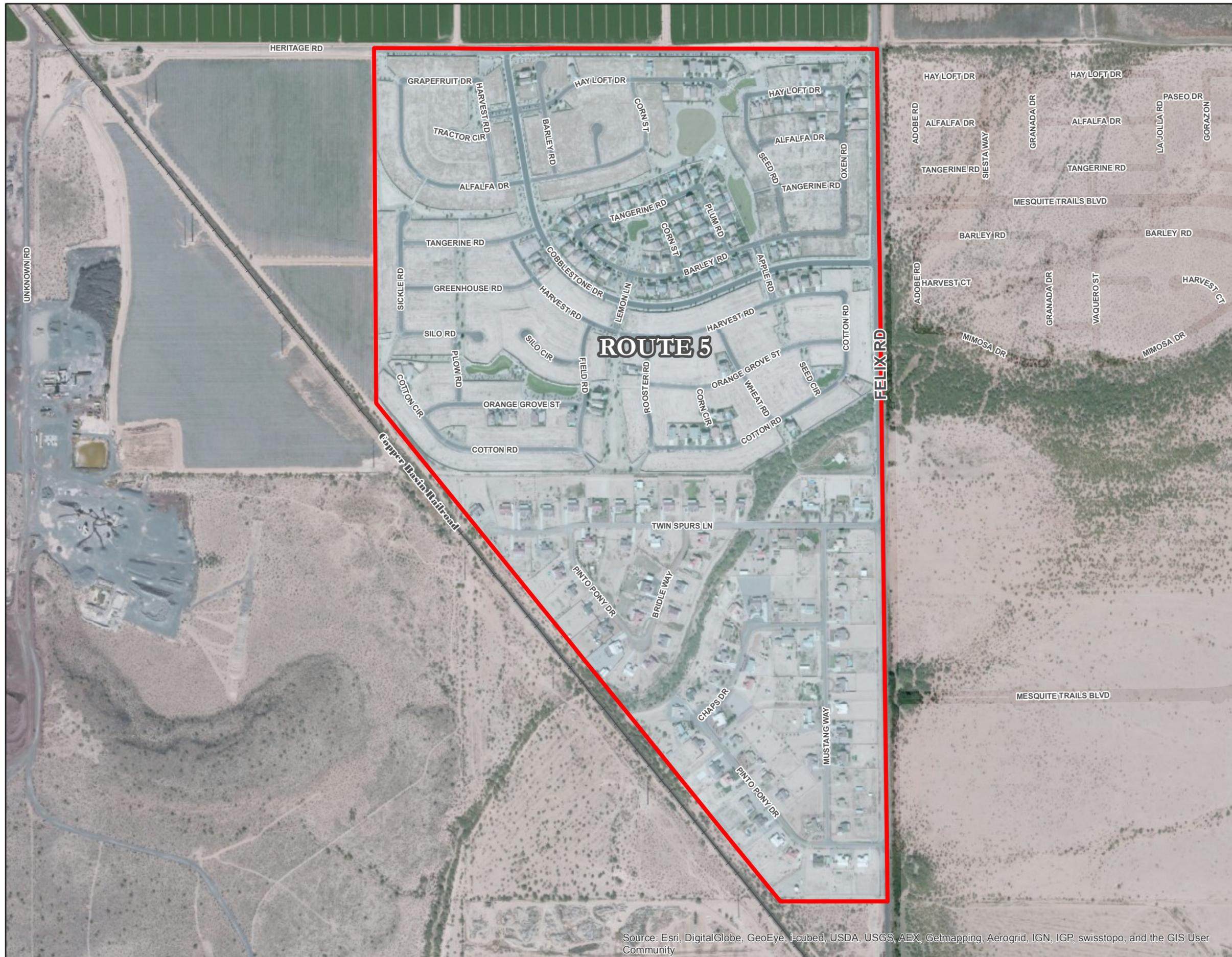
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

# Town of Florence

## Street Sweeping Routes



Routes



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