

**NOTICE OF REGULAR MEETING
OF THE CAREFREE TOWN COUNCIL**

WHEN: TUESDAY, MAY 3, 2022

WHERE: CAREFREE TOWN COUNCIL CHAMBERS
33 EASY STREET, CAREFREE, AZ 85377

LIVESTREAM: [HTTPS://ZOOM.US/](https://zoom.us/j/3229729660)
MEETING ID 322 972 9660
PASSCODE 12345

TIME: 5:00 P.M.

Pursuant to A.R.S. 38-431.02, notice is hereby given to the members of the Town Council of the Town of Carefree, Arizona and to the general public that the members of the Town Council will hold a meeting open to the public. For any item listed on the agenda, the Council may vote to go into Executive Session for advice of counsel and/or to discuss records and information exempt by law or rule from public inspection, pursuant to Arizona Revised Statutes §38-431.03.

The agenda for the meeting is as follows:

CALL TO ORDER

ROLL CALL

A members of the Council may participate by technological means or methods pursuant to A.R.S. §38-431(4).

PLEDGE OF ALLEGIANCE

CONSENT AGENDA

All items listed hereunder are considered to be routine by the Town Council and will be enacted by one motion. There will be no separate discussion of these items unless a council member so requests, in which event the item will be removed from the consent agenda and will be discussed separately:

- ITEM #1** Approval of the February 1, 2022 Town Council Regular Meeting Minutes.
- ITEM #2** Approval of the April 19, 2021 Budget Workshop Minutes.
- ITEM #3** Acceptance into the public record of the April, 2022 paid bills.
- ITEM #4** Acceptance of the cash receipts and disbursements report for March, 2022.

ITEM #5 Authorization of Capital Improvement Funds to repair stucco and apply ceramic paint to the walls on the east side of the Gardens (east of the amphitheater).

CALL TO THE PUBLIC

ITEM #6 Call to the Public: Consideration of comments from the public. Pursuant to Section 2-4-7(G) of the Town Code and A.R.S. 38-431.01(H), those wishing to address the Council need not request permission in advance. The public may address the Council on matters not on the agenda. At the conclusion of an open call to the public, individual members of the public body may respond to criticism made by those who have addressed the public body, may ask staff to review a matter, direct staff to study the matter, reschedule the matter for further consideration and decision at a later date, or may ask that a matter be put on a future agenda. However, the Council may not discuss or take legal action at this time. Please limit your comments to not more than 3 minutes.

REGULAR AGENDA:

ITEM #7 Current Events.

ITEM #8 Presentation by Todd Cooley regarding the opening of the Hampton Inn by Hilton.

ITEM #9 Review, discussion and possible action to approve Resolution 2022-09 adopting the tentative budget and bottom line for the fiscal year beginning July 1, 2022 and ending June 30, 2022.

ITEM #10 Review, discussion and possible action to approve Resolution 2022-08 accepting into public record the ten-year pavement preservation program document dated April 8, 2022.

ITEM #11 Adjournment.

DATED this 26th day of April, 2022.

TOWN OF CAREFREE

BY: Kandace French Contreras
Kandace French Contreras, Town Clerk/Treasurer

Items may be taken out of sequence

Council meeting will be broadcast via our Town of Carefree Zoom channel:

LIVESTREAM: [HTTPS://ZOOM.US/](https://zoom.us/)
 MEETING ID 322 972 9660
 PASSCODE 12345

Or Join Zoom Meeting Direct Link

<https://us02web.zoom.us/j/3229729660?pwd=aHBnS3N5L1JRRG8wRGNFT25lc2hGUT09>

Meeting ID: 322 972 9660
Passcode: 12345

For telephone audio
1.669.900.6833 or 1.253.215.8782



FOR SPECIAL ACCOMMODATIONS

Please contact the Town Clerk, 8 Sundial Circle (PO Box 740), Carefree, AZ 85377; (480) 488-3686, at least three working days prior to the meeting if you require special accommodations due to a disability.

AGENDA ITEM #1
PENDING COMPLETION

WILL BE AVAILABLE
MAY 2, 2022



**MINUTES OF THE BUDGET WORKSHOP
OF THE CAREFREE TOWN COUNCIL**

WHEN: TUESDAY, APRIL 19, 2022
WHERE: CAREFREE TOWN COUNCIL CHAMBERS
33 EASY STREET, CAREFREE, AZ 85377
LIVESTREAM: [HTTPS://ZOOM.US/](https://zoom.us/j/3229729660)
MEETING ID 322 972 9660
PASSCODE 12345
TIME: 3:00 P.M.

Town Council Attending:

Mayor Les Peterson
Vice Mayor John Crane
Vince D'Aliesio
Tony Geiger
Stephen Hatcher (Arrived at 3:56 p.m.)
Mike Johnson
Cheryl Kroyer

Town Council Absent:

None

Mayor Peterson called the meeting to order at 3:00 p.m.

ITEM #1 Review, discussion and possible action to approve vacating portions of a Vehicular Non-Access Easement (VNAE) for lot 6 (Tax Parcel # 2016-28-070) and lot 9 (Tax Parcel # 216-28-073) of the Nighthawk on Black Mountain Subdivision and vacating the existing access and utility easement shared between these lots.
(This case to be continued at applicant's request).

This item has been continued to a date to be determined.

ITEM #2 Workshop to discuss Fiscal Year 2022-2023 budget.

Carefree Town Administrator, Gary Neiss presented via PowerPoint the second of three public budget workshops to discuss and review at a high level the forecasted operational costs and planned expenses for FY 2022-2023. Mr. Neiss announced a draft of the program-based budget will be available on the Town of Carefree website and digitally sent to each Councilperson and each citizen who is subscribed to the Town of Carefree's newsletter. The program-based budget is an extensive narrative about the Town, identifying the roles of Staff, various accomplishments, workloads and considerations for next year.

Outlining the overall budget process, Mr. Neiss explained, the next budget workshop is to be held **Tuesday April 27, 2022 at 3:00 p.m.** which is the 3rd and final workshop, allowing Council and the Community to ask questions of Staff, relative to the program-based budget. Next, the public hearing process associated with the budget begins, with the first meeting to be held in **May**, when

the *tentative* budget/expenditure limit for the next fiscal year is adopted. Finally, the *June* budget hearing to adopt the *overall* budget will be held to meet the July 1st deadline when the new fiscal year begins.

Mr. Neiss proclaimed the Town of Carefree has always taken a fiscally conservative approach and shared the four attributes of the Town's solvency that need to be reviewed and reconciled annually to balance sometimes competing needs:

1. Cash solvency – the ability to pay bills
2. Budget solvency – the ability to balance the budget
3. Long range solvency – the ability to pay future costs
4. Service solvency – the ability to provide needed and desired level of services

Adding, on an annual basis, cities and towns look at the weight of their core services and reconcile that with their respective revenue streams and in Arizona there are three:

1. State Shared Revenue
2. Local fees
3. Property taxes

Further explaining, the Town of Carefree Revenue Model is without a Property Tax; therefore, heavily dependent upon local revenues and State Shared Revenues. Mr. Neiss presented a three-legged stool analogy to better define the comparison between a typical Municipal Revenue Model and the Town of Carefree's Revenue Model and provided forecasted revenue streams for FY 2022-2023.

Displaying a chart depicting the performance of the Town's sales tax base over the last 16 years, Mr. Neiss explained, since 2017 the Town has been on an upward trajectory due to the current robust economy and increase in gross domestic product, reminding that this is a volatile revenue stream and difficult to predict how it will perform in the future. Adding, the economic initiatives that Carefree Economic Development Director, Steve Prokopek is working on, are critical to the Town of Carefree's solvency in the future and economic development is a critical component to enable the Town to pay and provide services to its citizens.

Mr. Neiss provided charts exhibiting the local trends in municipal sales tax, areas of growth, development impacts, anticipated user fees, cost recovery fees and the forecasted state shared revenue.

Councilmember D'Aliesio asked if an increase in municipal sales tax is something the Town would have the ability to impose in the future. Mr. Neiss responded, yes, but the danger in a sales tax increase is, business migrates outside the community. Informing, just because the tax is increased, doesn't mean the Town will yield an increase in revenue.

Councilmember Johnson inquired, with respect to online sales tax, when a Carefree resident has a zip code that is not the zip code they reside in, is there any way to capture those online sales? Mr. Neiss explained he did not have the answer to that and an issue throughout the state of Arizona that needs to be resolved.

Mr. Neiss explained, user fees are cost recovery fees, consisting of:

- Building permit fees
- Utility fees
- Court service fees
 - Mr. Neiss announced, the Intergovernmental Agreement (IGA) between Carefree and Cave Creek for the Consolidated Court, is a point of pride for the community. The communities of Cottonwood and Camp Verde used Carefree/Cave Creek Consolidated Court I.G.A. as a model. Concluding, this is something our community should be very proud of.
- Fines
- Rental income
- Licenses
- Agreements
- Interest
- Clerk fees

Presenting the forecasted State Shared Revenues, Mr. Neiss explained there is a 300,000.00 increase, from State income tax and State Sales tax. Two indicators that show we are in a growth mode and a sign that the economy is robust.

Mr. Neiss presented the Operational Expenses and budget for Fiscal Year 2022-2023. Informing, that the Town of Carefree has one of the smallest staffs and operational budgets in the state. Mr. Neiss provided a high level break out of the operational budget. Pointing out, Public Safety is approximately 40% of the Towns expenditure from the operational side of the ledger. Councilmember Kroyer asked if the Public Safety 2023 figures presented, consider, the possibility of joining automatic aid and the increased costs associated with that? Mr. Neiss informed; the town would be in the transition program since this is a process that will take time. Confirming, the contract costs with Rural Metro have been budgeted for. Further explaining, if we are successful and the citizens desire the move into automatic aid, funds have also been budgeted to train the fire fighters on the *response system* with automatic aid.

Presenting details of the Town's Capital Improvement projects, Mr. Neiss reminded this is separate from the Operational budget. What the Town of Carefree has done historically is package projects to create economy of scale to reduce unit costs and then spend down to manage the Town's aging infrastructure.

Capital projects will focus on the drainage project, which the Town received a 480,000 grant for the 650,000.00 improvement, traffic sign replacement/additions, pavement maintenance, and fire infrastructure. Mr. Neiss announced, he has applied for a grant for a new firetruck, if unsuccessful, will have to be funded over two fiscal years.

Mr. Neiss summarized the budget and concluded his presentation.

Vice Mayor Crane asked, does the sales tax revenue for accommodations and hotels include the bed tax? Mr. Neiss responded, the 3% bed tax is included in accommodations. Gary added, state sales tax does not have a lag. State income tax to the Town has a two-year lag.

Councilmember Johnson asked, when we have revenue shortfalls and don't meet our revenue targets, are there contingency plans to defer or cutback on cash outlays? Mr. Neiss responded, absolutely, this is evaluated monthly and due to the conservative management principles that the Town employs, in the 20 years Mr. Neiss has been with the Town, has not had to go draconian measures to meet payroll or the needs of the Carefree community.

Council commended Mr. Neiss for the hard work put forth and clarity throughout this budget process and for being so conservative with the Town's money.

There were no comments from the public.

ITEM #3 Adjournment.

Councilmember Kroyer **MOVED TO ADJOURN.** **SECONDED** by Councilmember Geiger. **CARRIED**, unanimously.

DATED this 14th day of April 2022.

TOWN OF CAREFREE

BY:

Samantha J. Gesell, Planning Clerk

TOWN OF CAREFREE

Les Peterson, Mayor

Attest:

Samantha J. Gesell, Planning Clerk

CERTIFICATION

I hereby certify that the foregoing minutes are a true and correct copy of the Budget Workshop of the Town of Carefree held April 19, 2022. I further certify that the meeting was duly called and held and that a quorum was present.

Samantha J. Gesell, Planning Clerk

Check Register Report

ALL CHECKS APRIL 2022



Date: 04/28/2022

Time: 2:29 pm

Page: 1

Town Of Carefree

BANK: NATIONAL BANK OF ARIZONA

Check Number	Check Date	Status	Void/Stop Date	Vendor Number	Vendor Name	Check Description	Amount
NATIONAL BANK OF ARIZONA Checks							
48199	04/01/2022	Printed		0414	AZ MUN. RISK RETENTION POOL	3rd Qtr FY2023 Work Comp Ins	6,162.00
48200	04/01/2022	Printed		1470	BROWN & ASSOCIATES	CWC Tank Plan Reviews	535.00
48201	04/01/2022	Printed		1329	COLONIAL SUPPLEMENTAL INS	Mar 22 Supplemental Ins	167.34
48202	04/01/2022	Printed		3588	COPPERSMITH BROCKELMAN PLC	Legal Fees to Jan 22	800.00
48203	04/01/2022	Printed		1460	COX COMMUNICATIONS	Apr 22 Town Internet&Phones	1,047.17
48204	04/01/2022	Printed		1880	EMPIRE SOUTHWEST	Fire Station Generator Serv	1,442.26
48205	04/01/2022	Printed		1829	FIREBIRD TIRE	Tire Service Street Sweeper	600.48
48206	04/01/2022	Printed		1575	GRAINGER	Snake Gaiters Streets Crew	313.54
48207	04/01/2022	Printed		3520	JENNINGS STROUSS & SALMON, PLC	Legal CC Condemn to Feb 28, 22	2,608.00
48208	04/01/2022	Printed		1320	KARSTEN'S ACE HARDWARE	Mar 22 Pub Wrks Supplies	185.05
48209	04/01/2022	Printed		0010	MARICOPA COUNTY	Apr 2022 MCSO Sheriffs Patrol	39,716.58
48210	04/01/2022	Printed		3461	TITAN COMMERCIAL CLEANING	Mar 22 Town, Gardens Cleaning	7,305.00
48211	04/01/2022	Printed		3115	VERIZON WIRELESS	Mar 22 Mobile Phones All	461.44
48212	04/08/2022	Printed		3595	AMAZON CAPITAL SERVICES	March 2022 Office Supplies	214.49
48213	04/08/2022	Printed		0180	ARIZ PLANNING ASSOCIATION	Reissue G Neiss Planning Dues	55.00
48214	04/08/2022	Printed		0112	ARIZ SUPREME COURT	Judicial Conf T Parascandola	375.00
48215	04/08/2022	Printed		1470	BROWN & ASSOCIATES	Mar 22 Bld Insp 90 Hours	6,300.00
48216	04/08/2022	Printed		0389	CAREFREE WATER COMPANY, INC	Apr 22 Water All Dept.	3,006.00
48217	04/08/2022	Printed		3299	CIRCLE K UNIVERSAL	Mar 22 Gasoline All Depts	1,576.97
48218	04/08/2022	Printed		2059	DESERT FOOTHILLS LANDSCAPE	Apr 22 Medians Maintenance	4,955.00
48219	04/08/2022	Printed		2059	DESERT FOOTHILLS LANDSCAPE	Apr 22 Gardens Maintenance	2,000.00
48220	04/08/2022	Printed		3594	FINN, ELIZABETH R	Apr Court Admin 4/6/22	100.00
48221	04/08/2022	Printed		1575	GRAINGER	ADA Door Gardens Restroom	534.40
48222	04/08/2022	Printed		3611	KRAETZ, JOHN	Consulting FD Engineering 3	93.75
48223	04/08/2022	Printed		3397	LANGUAGE LINE SERVICES, INC.	Mar 22 Court Interpreting	38.94
48224	04/08/2022	Printed		0010	MARICOPA COUNTY	Mar 22 MCSO Jail Service	1,327.08
48225	04/08/2022	Printed		983	MARICOPA COUNTY ANIMAL CONTROL	4th Qtr FY2022 Animal Control	708.25
48226	04/08/2022	Printed		3613	MGX EQUIPMENT SERVICES	Tymco St Sweeper Parts	769.89
48227	04/08/2022	Printed		3613	MGX EQUIPMENT SERVICES	Tymco St Sweeper Rpr & Parts	4,925.35
48228	04/08/2022	Printed		3221	NATIONAL BANK OF ARIZONA	Mar 22 Lift Rental,PU Tires	1,438.33
48229	04/08/2022	Printed		3015	NOTHING BUT NET	Apr 22 Comp Maint Agreements	1,530.87
48230	04/08/2022	Printed		2081	O'REILLY AUTO PARTS, INC	Mar 22 Pub Wrks Veh Maint	7.59
48231	04/08/2022	Printed		3010	REPUBLIC SERVICES #753	Apr 22 Trash PU 33 Easy St	514.35
48232	04/08/2022	Printed		3010	REPUBLIC SERVICES #753	Mar 22 Shop 40 Yd Rolloffs	1,023.69
48233	04/08/2022	Printed		3614	ROUNDS CONSULTING GROUP	Mar 2022 Econ Consulting #2	5,000.00
48234	04/08/2022	Printed		3425	RURALARIZ GROUP HEALTH	Apr 22 Med,Dental Vison Ins	16,843.88
48235	04/08/2022	Printed		1691	SPARKLETT'S	Mar 22 Bottled Water All	81.21
48236	04/08/2022	Printed		1794	STAPLES ADVANTAGE	Town Office Supplies	132.82
48237	04/08/2022	Printed		3226	TECH 4 LIFE COMPUTERS	Mar22 Visitcarefree.com Maint	265.50
48238	04/08/2022	Printed		3287	TOSHIBA BUSINESS SOLUTIONS	Apr 22 Town Copier Maint&Lease	954.42
48239	04/08/2022	Printed		3265	TRACTOR SUPPLY CO	Pub Wrks Uniforms	109.28
48240	04/08/2022	Printed		352	WESTERN STATES PETROLEUM INC.	Mar 22 Pub Wrks Diesel	870.53
48241	04/08/2022	Printed		3690	WILLIAMS, TERRIE RAE	Refund Tax Intercept Error	115.00
48242	04/15/2022	Printed		3504	AAA SMART HOME	Sec Sys Maint Pub Wrks Shop	518.11
48243	04/15/2022	Printed		1816	AMERICAN LEGAL PUBLISHING	Town Code on Net Hosting Serv	450.00
48244	04/15/2022	Printed		0300	ARIZ PUBLIC SERVICE	Apr 2022 Electric All	2,094.91
48245	04/15/2022	Printed		3357	AZ MOBILE GOLF CAR SERVICE	Gardens Golf Cart Serv	107.50
48246	04/15/2022	Printed		1460	COX COMMUNICATIONS	Apr 22 Shop Phones & Internet	320.98
48247	04/15/2022	Printed		1463	DODGE, MARILYN	Reimb Canon Copier/Printer	194.48
48248	04/15/2022	Printed		3367	DOG WASTE DEPOT	Dog Waste Bags 6,000 bags Park	199.97
48249	04/15/2022	Printed		3210	ECOBLU ENTERPRISES. INC.	Repl Fountain Backwash Pistons	450.87
48250	04/15/2022	Printed		3210	ECOBLU ENTERPRISES. INC.	Apr 22 Fountain Service	600.00
48251	04/15/2022	Printed		1995	LESLIE'S POOLMART, INC.	Paint for the SplashPad Base	738.30

**AGENDA ITEM #4
PENDING COMPLETION**

**WILL BE AVAILABLE
MAY 2, 2022**

Agenda Item #



**TOWN OF CAREFREE
INFORMATION SUMMARY**

MEETING

DATE: May 3, 2022

SUBJECT: Authorization of Capital Improvement Funds to repair stucco and apply ceramic paint to walls on east side of Gardens (east of the amphitheater).

ATTACHMENT:

SUMMARY:

Every two years or so, exterior wall surfaces throughout the gardens are repainted by the Public Works Department due to the peeling/bubbling of the paint. The Public Works Department has scraped these surfaces and patched the stucco but the peeling/bubbling of the paint continues to resurface.

The first phase of a more permanent repair started approximately one year ago with the re-stucco and ceramic paint applied to the restroom/visitor center and the back wall of the amphitheater. The second phase of this project will address the low walls to the east of the amphitheater and up to and around the sundial.

The next (3rd) phase will include the areas to the west of the amphitheater up to the vehicular bridge located on the south side of the 100 Easy Street parking lot.

ACTION NEEDED:

Authorization of \$25,000 of capital funds to repair and apply ceramic paint to walls located on the east side of gardens.

REPORT PREPARED BY:



Gary Neiss, Town Administrator

TOWN OF CAREFREE, ARIZONA
RESOLUTION 2022-09



A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF CAREFREE, MARICOPA COUNTY, ARIZONA, ADOPTING THE TENTATIVE BUDGET AND BOTTOM LINE FOR THE TOWN OF CAREFREE FOR THE FISCAL YEAR BEGINNING JULY 1, 2022 AND ENDING JUNE 30, 2023 AND CALLING FOR A SPECIAL MEETING AND PUBLIC HEARING.

WHEREAS, on April 12, 2022, April 19, 2020 and April 26, 2022 the Town Council held public workshops to discuss and review forecasted revenues and anticipated expenses for Fiscal Year 2022-2023.

WHEREAS, on May 3, 2022, in accordance with the provisions of Title 42, Chapter 17, Article 3 of the Arizona Revised Statutes (A.R.S.), the Town Council established an estimate of the funding required to meet the public expenses for Fiscal Year 2022-2023 and an estimate of receipts from all revenue sources; and

WHEREAS, in accordance with A.R.S. and based upon a review of these revenues and expenses, the expenditure limit Fiscal Year 2022-2023 will be established at approximately \$14.2 million; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the Town of Carefree, Arizona, in compliance with A.R.S. 42-17101 setting forth a full and complete statement of the financial affairs for the Town of Carefree for Fiscal Year 2022-2023, it is directed:

That Town staff shall cause to be published a public notice setting a budget hearing on June 7, 2022 for the purpose of hearing all persons for and against said estimates of revenues and expenditures as presented this day and prior to the final adoption of the budget of the Town of Carefree, Arizona, for the Fiscal Year 2022-2023.

PASSED, APPROVED AND ADOPTED by the Mayor and Common Council of the Town of Carefree, Arizona, this 3rd day of May, 2022.

___ AYES ___ NOES ___ ABSTENTIONS ___ ABSENT

Les Peterson, Mayor

ATTEST:

APPROVED AS TO FORM

Kandace French Contreras
Town Clerk/Treasurer

Michael Wright, Town Attorney

Official Budget Forms

Town of Carefree

Fiscal year 2023

Town of Carefree

Table of Contents

Fiscal year 2023

Resolution for the adoption of the budget

Schedule A—Summary Schedule of estimated revenues and expenditures/expenses

Schedule B—Tax levy and tax rate information - Not included. No Property Tax

Schedule C—Revenues other than property taxes

Schedule D—Other financing sources/(uses) and interfund transfers

Schedule E—Expenditures/expenses by fund

Schedule F—Expenditures/expenses by department (as applicable)

Schedule G—Full-time employees and personnel compensation

Town of Carefree
Summary Schedule of estimated revenues and expenditures/expenses
Fiscal year 2023

Fiscal year	S c h	Funds									
		General Fund	Special Revenue Fund	Debt Service Fund	Capital Projects Fund	Permanent Fund	Enterprise Funds Available	Internal Service Funds	Total all funds		
2022	Adopted/adjusted budgeted expenditures/expenses*	E	1	10,909,522	754,890	244,227	0	0	0	0	11,908,639
2022	Actual expenditures/expenses**	E	2	5,643,037	942,859	244,227	0	0	0	0	6,830,123
2023	Beginning fund balance/(deficit) or net position/(deficit) at July 1***		3	13,185,942	1,379,022	244,227	0	0	0	0	14,809,191
2023	Primary property tax levy	B	4	0							0
2023	Secondary property tax levy	B	5								0
2023	Estimated revenues other than property taxes	C	6	12,211,898	2,047,233	0	0	0	0	0	14,259,131
2023	Other financing sources	D	7	0	0	0	0	0	0	0	0
2023	Other financing (uses)	D	8	0	0	0	0	0	0	0	0
2023	Interfund transfers in	D	9	0	0	0	0	0	0	0	0
2023	Interfund Transfers (out)	D	10	0	0	0	0	0	0	0	0
2023	Line 11: Reduction for fund balance reserved for future budget year expenditures										
	Maintained for future debt retirement										0
	Maintained for future capital projects		11								0
	Maintained for future financial stability										0
											0
											0
2023	Total financial resources available		12	25,397,840	3,426,255	244,227	0	0	0	0	29,068,322
2023	Budgeted expenditures/expenses	E	13	11,917,026	2,048,025	244,070	0	0	0	0	14,209,121

Expenditure limitation comparison

1	Budgeted expenditures/expenses
2	Add/subtract: estimated net reconciling items
3	Budgeted expenditures/expenses adjusted for reconciling items
4	Less: estimated exclusions
5	Amount subject to the expenditure limitation
6	EEC expenditure limitation

	2022	2023
1	\$ 11,908,639	\$ 14,209,121
2		
3	11,908,639	14,209,121
4	2,749,676	3,529,786
5	\$ 9,158,963	\$ 10,679,335
6	\$ 11,340,358	\$ 11,557,360

The city/town does not levy property taxes and does not have special assessment districts for which property taxes are levied. Therefore, Schedule B has been omitted.

* Includes expenditure/expense adjustments approved in the current year from Schedule E.

** Includes actual amounts as of the date the proposed budget was prepared, adjusted for estimated activity for the remainder of the fiscal year.

*** Amounts on this line represent beginning fund balance/(deficit) or net position/(deficit) amounts except for nonspendable amounts (e.g., prepaids and inventories) or amounts legally or contractually required to be maintained intact (e.g., principal of a permanent fund).

**Town of Carefree
Revenues other than property taxes
Fiscal Year 2023**

Source of revenues	Estimated revenues 2022	Actual revenues* 2022	Estimated revenues 2023
General Fund			
Local taxes			
Local Sales Tax	\$ 2,500,000	\$ 2,920,000	\$ 2,840,000
Sales Tax to Fire Fund and Interest	1,250,000	1,460,000	1,420,000
Licenses and permits			
Building Fees	400,000	320,942	375,000
Intergovernmental			
State Sales Tax	461,000	461,000	528,000
State Income Tax	512,000	490,938	712,000
Vehicle License (County Lieu)	182,000	167,824	175,000
County and State Grants	212,698	12,686	1,250,000
Charges for services			
Miscellaneous Income & Donations	51,000	26,000	26,000
Utility Franchise Tax	250,000	251,173	200,000
Special Event Revenues	40,000	41,285	45,000
Town Clerk Sales & Fees	700	700	700
Town Clerk Misc Sales	500	100	100
Rent Income	15,600	12,500	
Cable TV Fees	100,000	95,645	100,000
Fire Reimburse Fees	50,600	94,533	109,000
Court Service Fees	178,106	178,106	185,000
Fines and forfeits			
Court Fines	130,100	162,771	150,000
Interest on investments			
LGIP Interest Earnings	20,700	2,150	5,350
In-lieu property taxes			
Contributions			
Miscellaneous			
Water Company Lease Payments & Interest	244,764	244,764	244,764
Water Company Rent	33,000	33,000	33,000
Cemetery	600	1,348	600
Gen. Fund Contribution & Contingency	4,108,945		3,397,842
CPR Education & Interest	202	1	201
Water Company Principal Payment	414,341	414,341	414,341
Total General Fund	\$ 11,156,856	\$ 7,391,807	\$ 12,211,898

* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**Town of Carefree
Revenues other than property taxes
Fiscal Year 2023**

Source of revenues	Estimated revenues 2022	Actual revenues* 2022	Estimated revenues 2023
Special revenue funds			
HURF	\$ 261,000	\$ 254,200	\$ 293,000
HURF Interest	500	120	100
HURF Contributions			986,616
	<u>\$ 261,500</u>	<u>\$ 254,320</u>	<u>\$ 1,279,716</u>
Court Enhancement	\$ 21,050	\$ 10,004	\$ 10,010
Municipal JCEF	622	604	604
Fill the Gap	815	752	803
AZCARES - COVID-19	468,621	655,832	656,100
Util. CAP Imp. Fund (SW Gas) & Interest	22,530	25,464	100,000
	<u>\$ 513,638</u>	<u>\$ 692,656</u>	<u>\$ 767,517</u>
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total special revenue funds	<u>\$ 775,138</u>	<u>\$ 946,976</u>	<u>\$ 2,047,233</u>
Debt service funds			
	<u>\$</u>	<u>\$</u>	<u>\$</u>
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total debt service funds	<u>\$</u>	<u>\$</u>	<u>\$</u>
Capital projects funds			
	<u>\$</u>	<u>\$</u>	<u>\$</u>
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total capital projects funds	<u>\$</u>	<u>\$</u>	<u>\$</u>
Permanent funds			
	<u>\$</u>	<u>\$</u>	<u>\$</u>
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total permanent funds	<u>\$</u>	<u>\$</u>	<u>\$</u>
Enterprise funds			
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total enterprise funds	<u>\$</u>	<u>\$</u>	<u>\$</u>
Internal service funds			
	<u>\$</u>	<u>\$</u>	<u>\$</u>
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total internal service funds	<u>\$</u>	<u>\$</u>	<u>\$</u>
	<u>\$</u>	<u>\$</u>	<u>\$</u>
Total all funds	<u>\$ 11,931,994</u>	<u>\$ 8,338,783</u>	<u>\$ 14,259,131</u>

* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

Town of Carefree
Other financing sources/(uses) and interfund transfers
Fiscal year 2023

Fund	Other financing 2023		Interfund transfers 2023	
	Sources	(Uses)	In	(Out)
General Fund	\$	\$	\$	\$
Total General Fund	\$	\$	\$	\$
Special revenue funds	\$	\$	\$	\$
Total special revenue funds	\$	\$	\$	\$
Debt service funds	\$	\$	\$	\$
Total debt service funds	\$	\$	\$	\$
Capital projects funds	\$	\$	\$	\$
Total capital projects funds	\$	\$	\$	\$
Permanent funds	\$	\$	\$	\$
Total permanent funds	\$	\$	\$	\$
Enterprise funds	\$	\$	\$	\$
Total enterprise funds	\$	\$	\$	\$
Internal service funds	\$	\$	\$	\$
Total Internal Service Funds	\$	\$	\$	\$
Total all funds	\$	\$	\$	\$

**Town of Carefree
Expenditures/expenses by fund
Fiscal year 2023**

Fund/Department	Adopted budgeted expenditures/ expenses 2022	Expenditure/ expense adjustments approved 2022	Actual expenditures/ expenses* 2022	Budgeted expenditures/ expenses 2023
General Fund				
Mayor & Council	\$ 214,375	\$	\$ 17,306	\$ 12,330
Town Clerk	330,534		325,160	374,011
Court	285,532		259,907	268,892
Administration	571,832		548,606	771,479
Claims and Losses	10,000			10,000
Legal	160,000		152,025	160,000
Insurance	120,000		113,565	120,000
Planning and Development	304,622		234,938	352,915
Building and Safety	275,177		290,413	262,919
Law Enforcement	539,392		531,923	563,194
Code Enforcement	81,895		83,965	56,275
Engineering Services	269,684		142,787	261,779
Public Works	898,723		731,246	946,554
Capital Improvement Program	4,715,970		344,445	5,000,000
33 Easy St	27,750		26,107	28,950
Economic Development	320,003		182,764	334,179
Contingencies	200,000		94,479	200,000
Fire Fund	1,304,300		1,283,670	1,529,350
Fire Service Gen Fund	279,733		279,734	664,200
Total General Fund	\$ 10,909,522	\$	\$ 5,643,037	\$ 11,917,026
Special revenue funds				
HURF Streets Maintenance	\$ 261,500	\$	\$ 254,320	\$ 1,279,716
Cemetery	600			600
CPR Education	202			202
Util. Cap Improvement Fund	22,530		22,530	100,000
Court Enhancement			10,004	10,000
Muni JCEF	622		173	604
Fill the Gap	815			803
AZ CARES - COVID-19	468,621		655,832	656,100
Total special revenue funds	\$ 754,890	\$	\$ 942,859	\$ 2,048,025
Debt service funds				
WIFA Loan	\$ 244,227	\$	\$ 244,227	\$ 244,070
Total debt service funds	\$ 244,227	\$	\$ 244,227	\$ 244,070
Capital projects funds				
	\$	\$	\$	\$
Total capital projects funds	\$	\$	\$	\$
Permanent funds				
	\$	\$	\$	\$
Total permanent funds	\$	\$	\$	\$
Enterprise funds				
	\$	\$	\$	\$
Total enterprise funds	\$	\$	\$	\$
Internal service funds				
	\$	\$	\$	\$
Total internal service funds	\$	\$	\$	\$
Total all funds	\$ 11,908,639	\$	\$ 6,830,123	\$ 14,209,121

* Includes actual expenditures/expenses recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated expenditures/expenses for the remainder of the fiscal year.

Town of Carefree
Full-time employees and personnel compensation
Fiscal year 2023

Fund	Full-time equivalent (FTE)	Employee salaries and hourly costs	Retirement costs	Healthcare costs	Other benefit costs	Total estimated personnel compensation
	2023	2023	2023	2023	2023	2023
General Fund	17	\$ 1,496,086	\$ 296,524	\$ 173,578	\$ 29,117	\$ 1,995,305
Special revenue funds						
_____		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Total special revenue funds		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Debt service funds						
_____		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Total debt service funds		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Capital projects funds						
_____		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Total capital projects funds		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Permanent funds						
_____		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Total permanent funds		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Enterprise funds						
_____		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Total enterprise funds		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Internal service funds						
_____		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Total internal service fund		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Total all funds	17	\$ 1,496,086	\$ 296,524	\$ 173,578	\$ 29,117	\$ 1,995,305

Agenda Item #



**TOWN OF CAREFREE
INFORMATION SUMMARY**

MEETING

DATE: May 3, 2022

SUBJECT: Review and Adoption of the 10 Year pavement Preservation Program Report.

ATTACHMENT: Pavement Preservation Program and the
Pavement Preservation Program Appendix
Resolution 2022-08

SUMMARY:

Every ten years, the Town performs a preventative pavement management plan to review the condition of the existing roadways and serve as a plan of action for maintenance activities. The existing report expires at the end of this fiscal year (June 30, 2021) and will be superseded by this new report.

The new program document has analyzed the existing conditions of the roadways throughout the Town and has put forward a document which outlines the priority of roadways, the type of preventative maintenance, and the most cost-effective time period to perform those repairs.

This effective multi-year pavement management plan offers a systematic approach to maintenance that provides long-term financial savings, protects the overall pavement system condition, extends pavement life, and to some extent helps improve roadway safety.

ACTION NEEDED:

Approval of Resolution #2022-08 accepting into the public record the 10 Year Pavement Preservation Program.

REPORT PREPARED BY:

Mark Milstone, Town Engineer

RESOLUTION #2022-08

A RESOLUTION OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF CAREFREE, ARIZONA, ACCEPTING INTO THE PUBLIC RECORD THE TEN-YEAR PAVEMENT PRESERVATION PROGRAM DOCUMENT DATED 04/08/2022

WHEREAS, the existing *Ten-Year Pavement Preventative Maintenance Plan 2012-2022* document is expiring, and

WHEREAS, as the Town's roadway system ages, maintenance and/or replacement of these town assets needs to be appropriately managed to ensure best fiscal and operational management practices are applied, and

WHEREAS, the Ten-Year Pavement Preservation Program offers a systematic approach to maintenance that provides long-term financial savings, protects the overall pavement system condition, extends pavement life, and helps improve roadway safety, and

NOW, THEREFORE, IT IS RESOLVED by the Mayor and Town Council of the Town of Carefree, Arizona that:

1. The Pavement Preservation Program document and Pavement Preservation Program Appendix both dated April 08, 2022, and attached as Exhibit A are accepted into the public record as the Final Pavement Preservation Program Document,

PASSED AND ADOPTED BY the Mayor and Town Council of the Town of Carefree, Arizona, this 3rd day of May 2022.

AYES _____ NOES _____ ABSTENTIONS _____ ABSENT _____

FOR THE TOWN OF CAREFREE

ATTESTED TO:

Les Peterson, Mayor

Kandace French Contreras, Town Clerk

APPROVED AS TO FORM:

Michael Wright, Town Attorney



PAVEMENT PRESERVATION PROGRAM

04/08/2022

CAREFREE

PAVEMENT PRESERVATION PROGRAM

APPENDIX

04/08/2022

APPENDIX TABLE OF CONTENTS

Table of Contents

APPENDIX TABLE OF CONTENTS 2

TOWN STREET MAP 4

TOWN OF CAREFREE SUBDIVISION MAP 5

PAVEMENT CONDITION RATINGS OVERALL TOWN MAP 6

CAREFREE 3A & CAREFREE 3B RATINGS MAP 7

CAREFREE CROSSINGS I RATINGS MAP 8

CAREFREE FOOTHILLS RATINGS MAP 9

CAREFREE FORE & CAREFREE FORE MORE RATINGS MAP 10

PAVEMENT CONDITION RATINGS 10

CAREFREE FOOTHILLS 10

CAREFREE ROLLING HILLS RATINGS MAP 11

CAREFREE TOO RATINGS MAP 12

COW TRACK ESTATES RATINGS MAP 13

LEIGH ESTATES RATINGS MAP 14

ORIGINAL CAREFREE RATINGS MAP 15

RANCHITOS DEL RAY RATINGS MAP 16

SENTINAL ROCK ESTATES RATINGS MAP 17

VELVET SHADOWS RATINGS MAP 18

PAVEMENT CONDITION RATINGS STREET SEGMENT TABLE 19

SUBDIVISION & STANDALONE STREETS EVALUATION, RANKING & PRIORITIZATION 54

SAFETY - CRASH LOCATION MAP 57

FY 2021-2022 PROGRAM STREETS EAST CAVE CREEK ROAD 58

FY 2022-2023 PROGRAM STREETS COW TRACK ESTATES 59

FY 2023-2024 PROGRAM STREETS SENTINAL ROCK ESTATES 60

FY 2024-2025 PROGRAM STREETS RANCHITOS DEL RAY 61

FY 2025 -FY2026 PROGRAM STREETS LEIGH ESTATES 62

FY 2025-2026 PROGRAM STREETS EAST SCOPA TRAIL & 63

FY 2025-2026 PROGRAM STREETS TOM DARLINGTON 64

FY 2026-2027 PROGRAM STREETS EAST CAVE CREEK ROAD 65

FY 2026-2027 PROGRAM STREETS NORTH SCOPA TRAIL 66

FY 2026-2027 PROGRAM STREETS TRANQUIL TRAIL67

FY 2026-2027 PROGRAM STREETS SPANISH BOOT TRAIL68

FY 2026-2027 PROGRAM STREETS NORTH CAVE CREEK ROAD69

FY 2027-2028 PROGRAM STREETS NEVER MIND TRAIL70

FY 2027-2028 PROGRAM STREETS CAREFREE FOOTHILLS71

FY 2027-2028 PROGRAM STREETS 80TH STREET72

FY 2027-2028 PROGRAM STREETS CAREFREE 3A & 3B73

FY 2028-2029 PROGRAM STREETS ORIGINAL CAREFREE74

FY 2029-2030 PROGRAM STREETS CAREFREE CROSSINGS I75

FY 2029-2030 PROGRAM STREETS EAST CAVE CREEK ROAD76

FY 2029-2030 PROGRAM STREETS STAGECOACH PASS77

FY 2030-2031 PROGRAM STREETS CANYON RIDGE DRIVE78

FY 2030-2031 PROGRAM STREETS NEW RIVER RD79

FY 2030-2031 PROGRAM STREETS PIMA ROAD80

FY 2030-2031 PROGRAM STREETS CELESTIAL STREET81

FY 2030-2031 PROGRAM STREETS HORIZON DRIVE82

FY 2030-2031 PROGRAM STREETS SCOPA TRAIL83

FY 2030-2031 PROGRAM STREETS EAST GRAPEVINE ROAD &84

FY 2030-2031 PROGRAM STREETS RISING SUN ROAD85

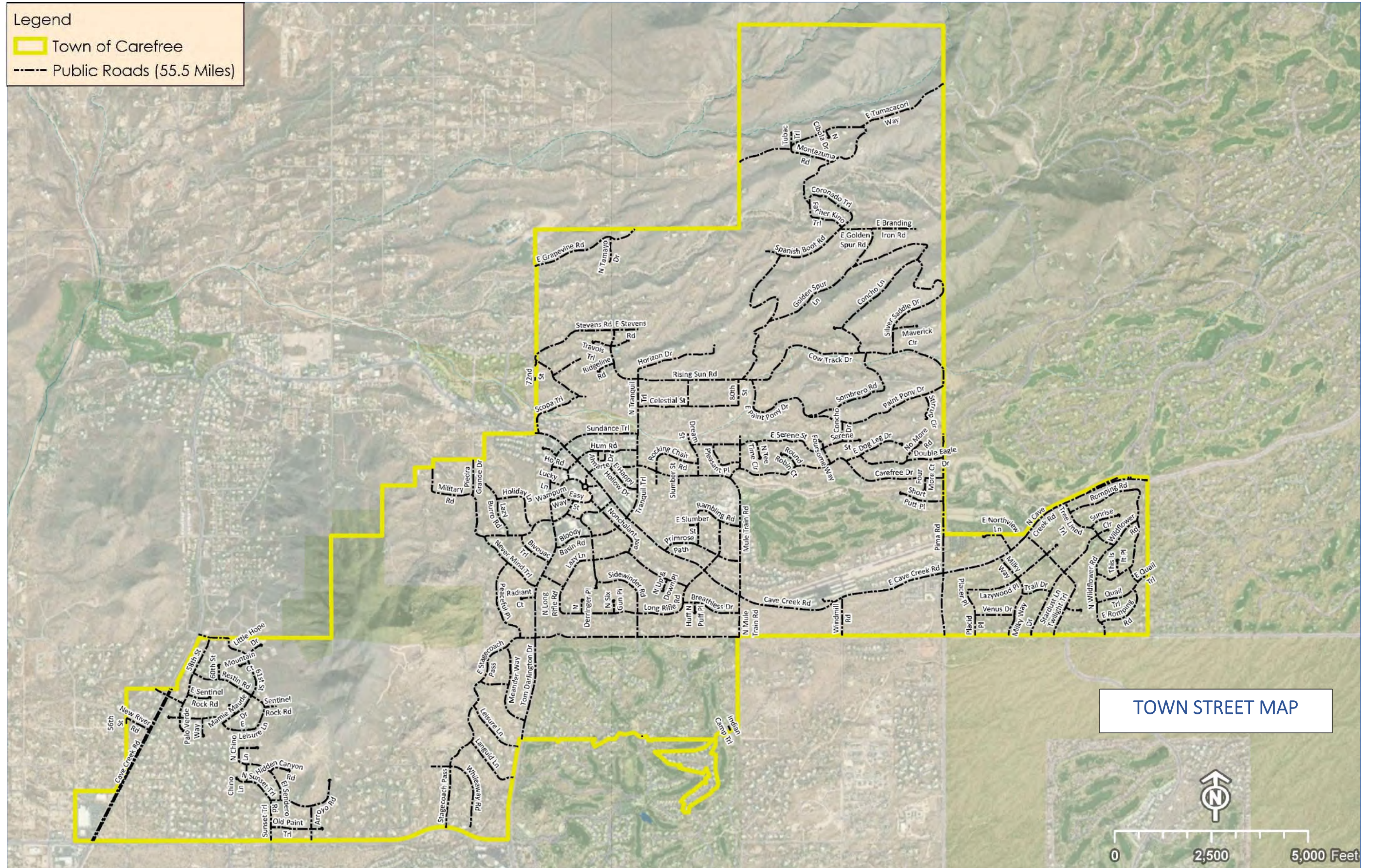
FY 2031-2032 PROGRAM STREETS VELVET SHADOWS86

FY 2031-2032 PROGRAM STREETS CAREFREE ROLLING HILLS87

FY 2032-2033 PROGRAM STREETS CAREFREE TOO88

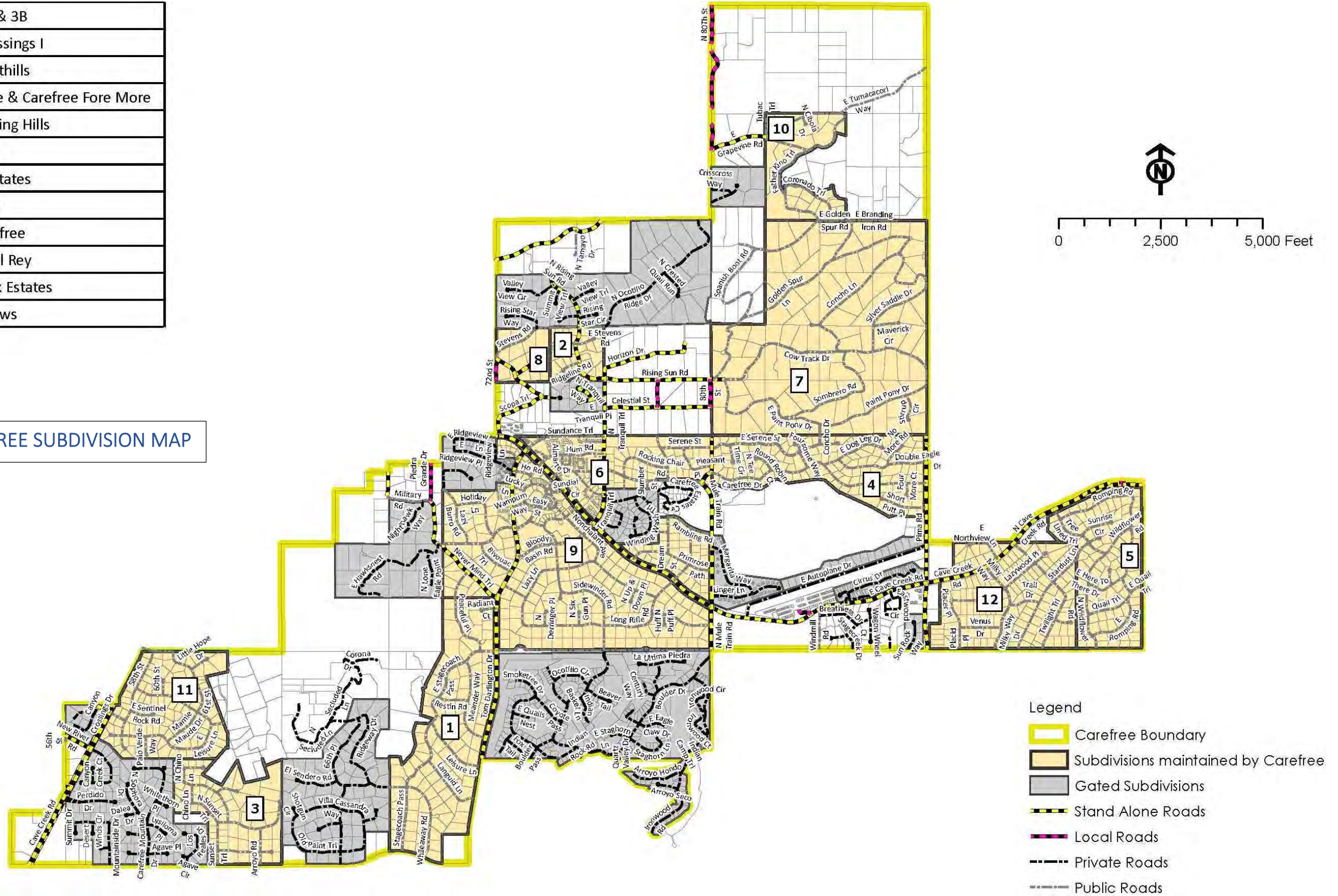
FY 2033-2034 PROGRAM STREETS CAREFREE FORE & CAREFREE FORE MORE89

FY 2033-2034 PROGRAM STREETS MULE TRAIN ROAD90



1	Carefree 3A & 3B
2	Carefree Crossings I
3	Carefree Foothills
4	Carefree Fore & Carefree Fore More
5	Carefree Rolling Hills
6	Carefree Too
7	Cow Track Estates
8	Leigh Estates
9	Original Carefree
10	Ranchitos Del Rey
11	Sentinel Rock Estates
12	Velvet Shadows

TOWN OF CAREFREE SUBDIVISION MAP

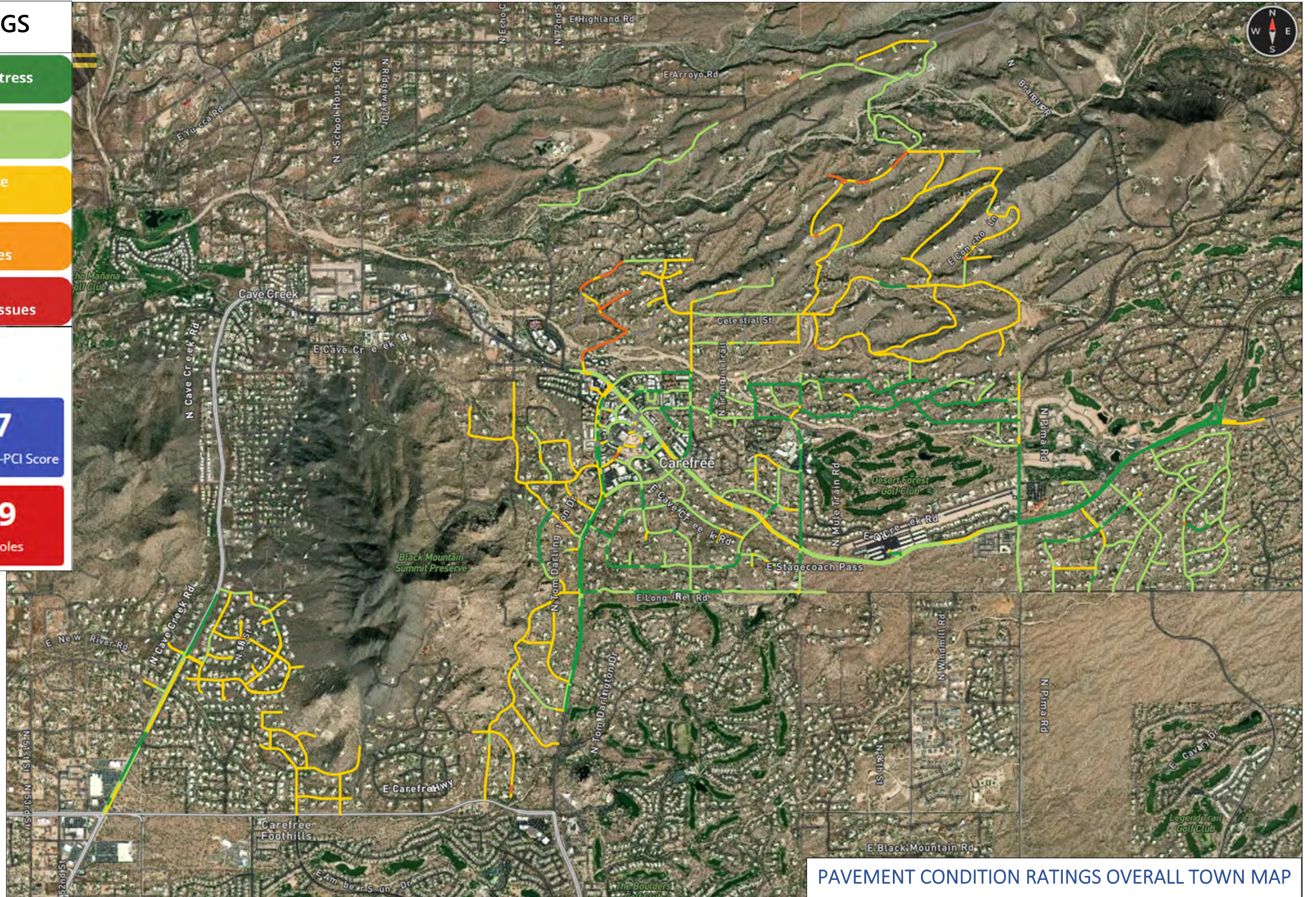


CONDITION RATINGS

- RATING 1** No or minor surface distress
- RATING 2** Minor surface damage, no critical issues
- RATING 3** Appearance of pervasive distresses
- RATING 4** Significant damage or emerging critical failures
- RATING 5** Major surface damage and/or critical fatigue issues

Carefree, AZ

2.23 Network RB Score	77 Network HD-PCI Score
61 Centerline Miles	69 Potholes



PAVEMENT CONDITION RATINGS OVERALL TOWN MAP

CONDITION RATINGS

- RATING 1** No or minor surface distress
- RATING 2** Minor surface damage, no critical issues
- RATING 3** Appearance of pervasive distresses
- RATING 4** Significant damage or emerging critical failures
- RATING 5** Major surface damage and/or critical fatigue issues

CAREFREE 3A & CAREFREE 3B

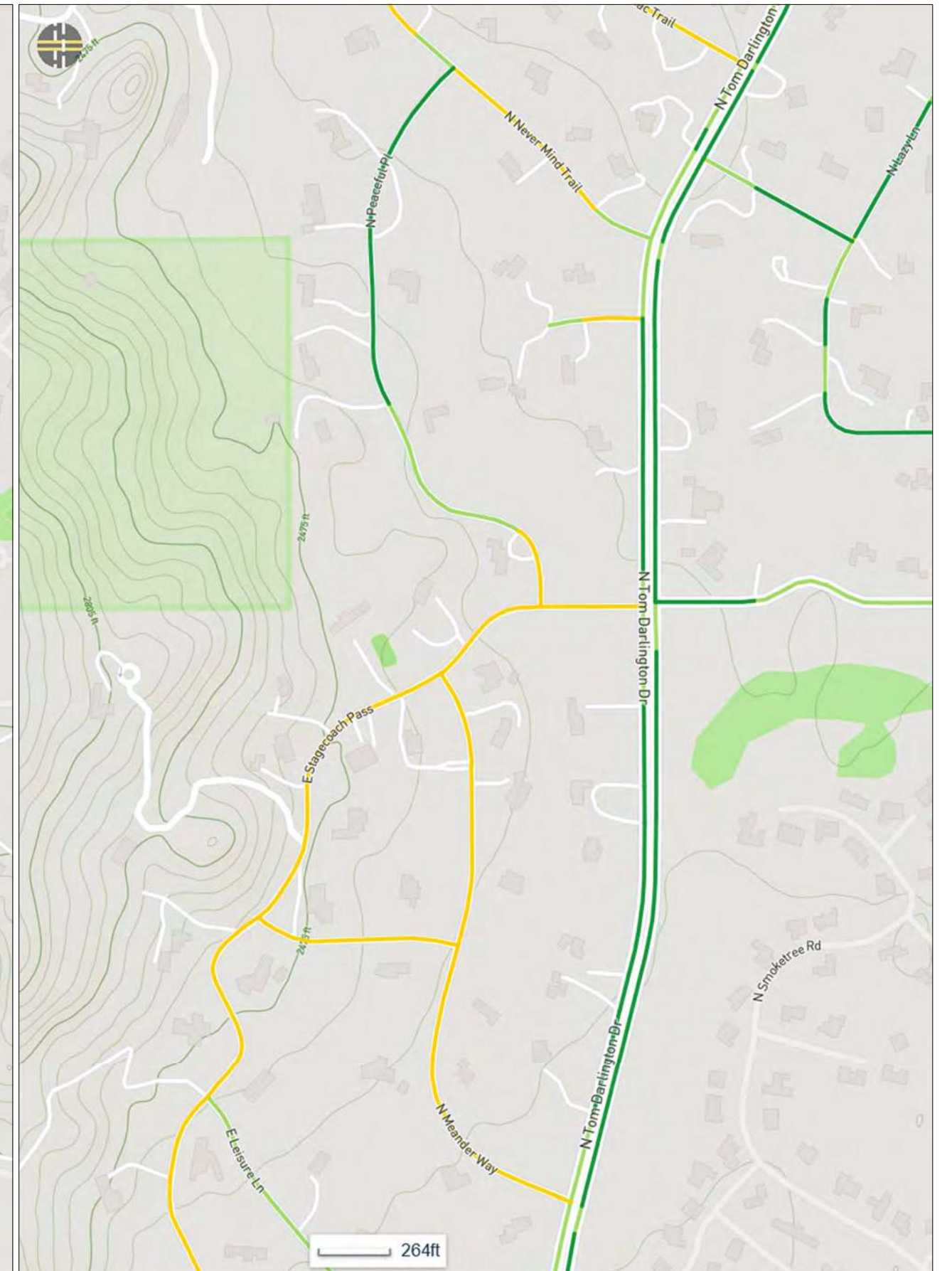
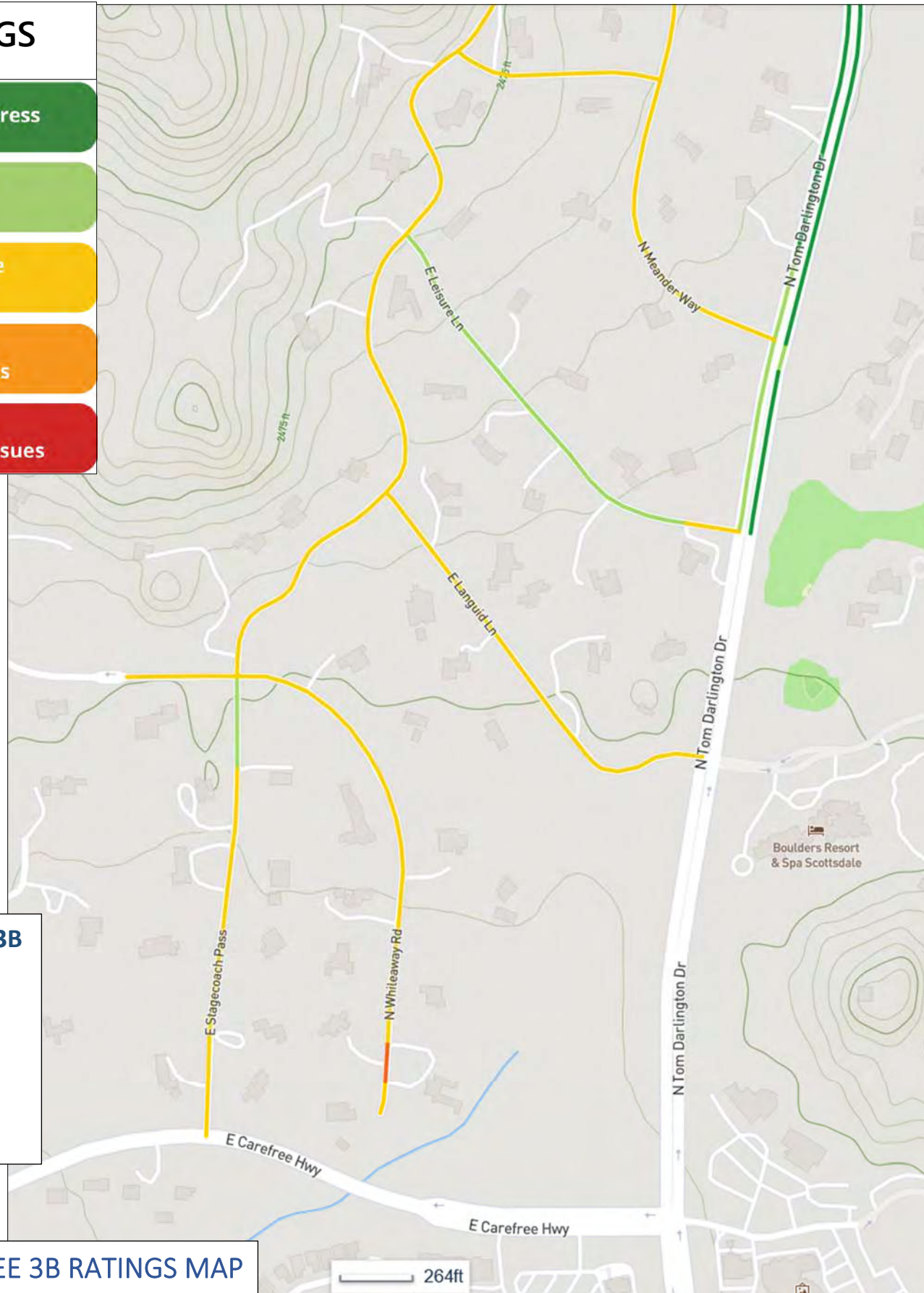
ROADBOTICS SCORE – 2.66

HD-PCI SCORE – 73

CENTERLINE MILES – 2.12

POTHOLES - 0

CAREFREE 3A & CAREFREE 3B RATINGS MAP



RATING 1	No or minor surface distress
RATING 2	Minor surface damage, no critical issues
RATING 3	Appearance of pervasive distresses
RATING 4	Significant damage or emerging critical failures
RATING 5	Major surface damage and/or critical fatigue issues

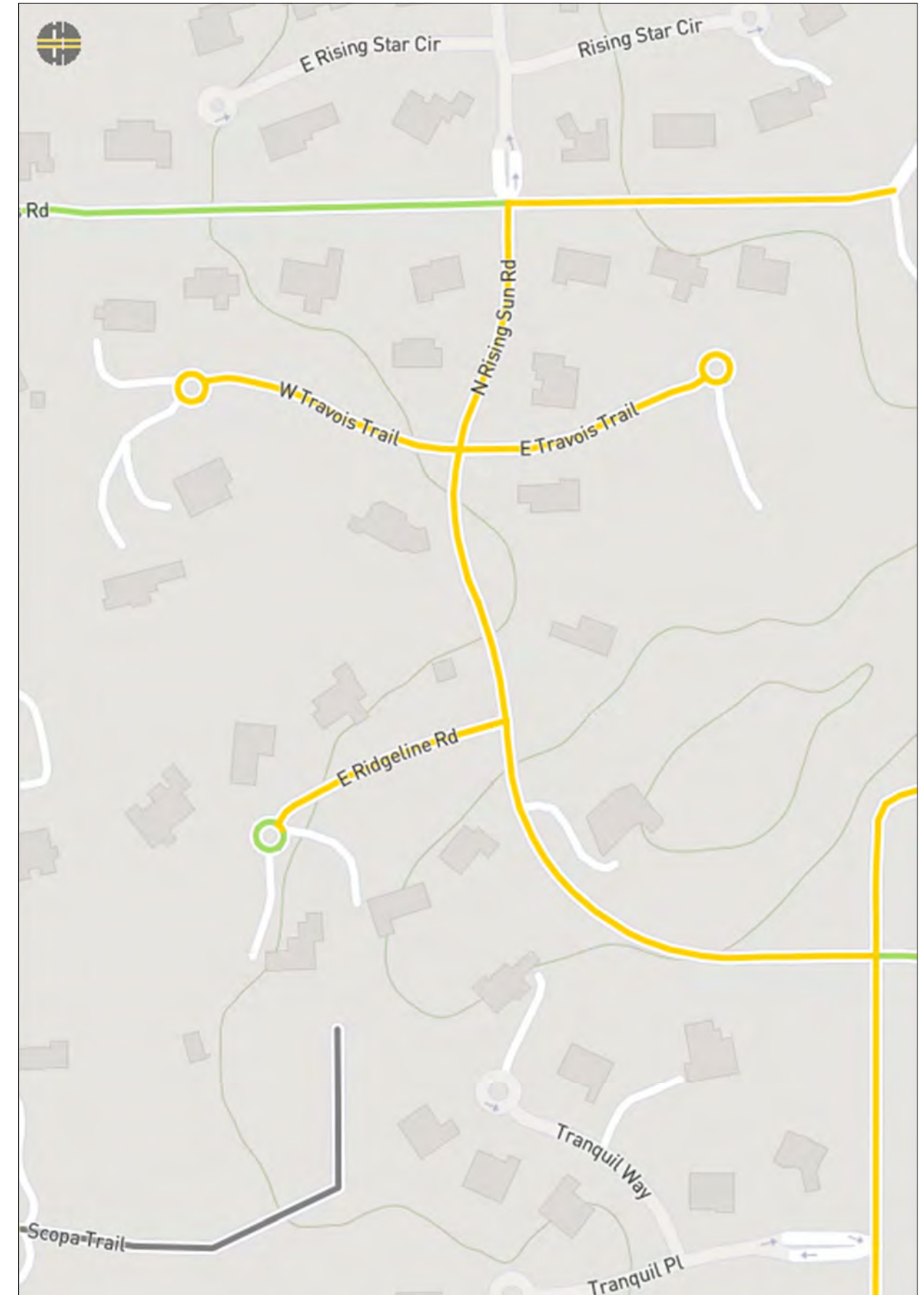
CAREFREE CROSSINGS I

ROADBOTICS SCORE – 2.80

HD-PCI SCORE – 67

CENTERLINE MILES – 0.98

POTHoles - 0



CAREFREE CROSSINGS I RATINGS MAP

RATING 1	No or minor surface distress
RATING 2	Minor surface damage, no critical issues
RATING 3	Appearance of pervasive distresses
RATING 4	Significant damage or emerging critical failures
RATING 5	Major surface damage and/or critical fatigue issues

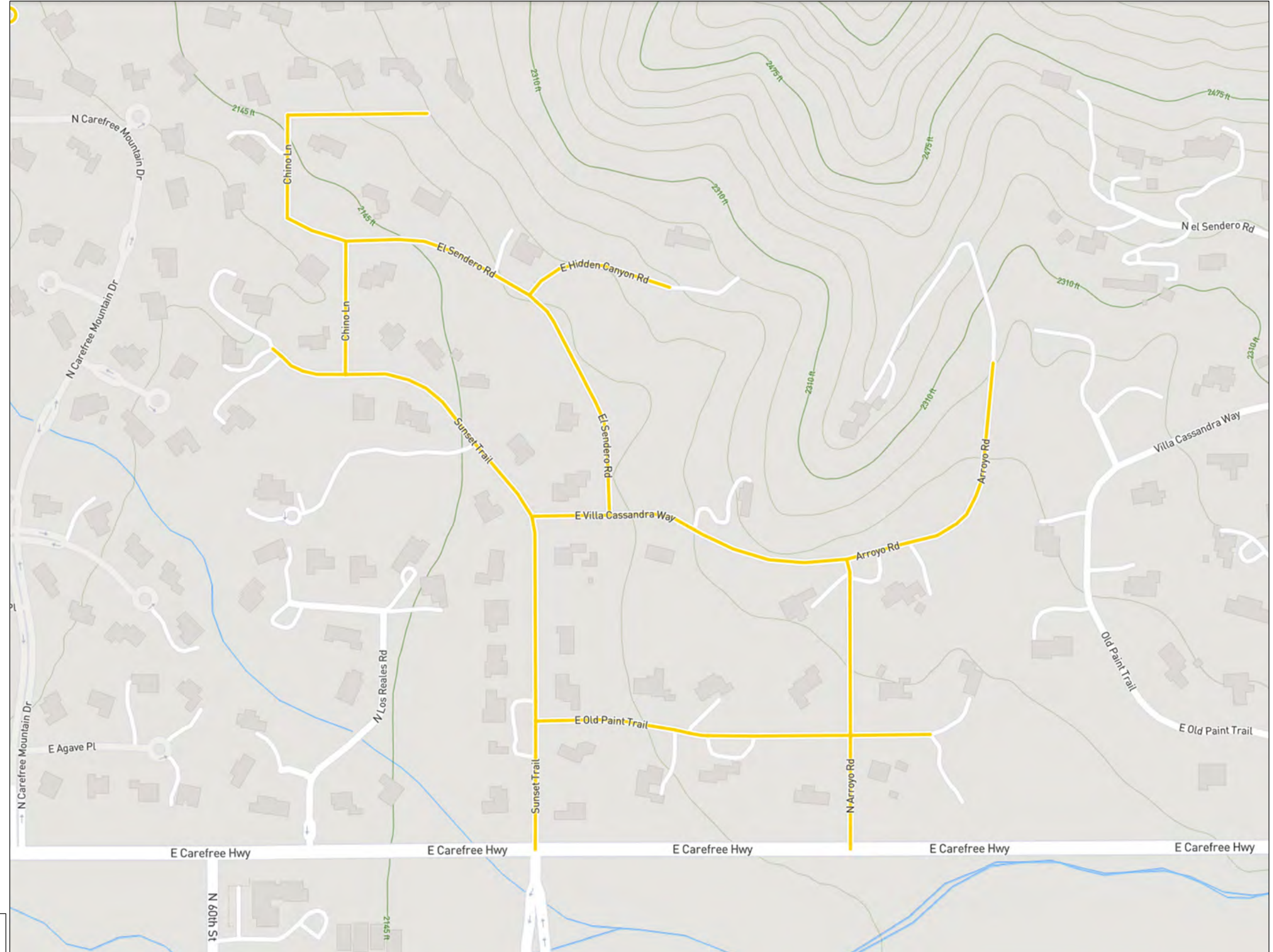
CAREFREE FOOTHILLS

ROADBOTICS SCORE – 2.98

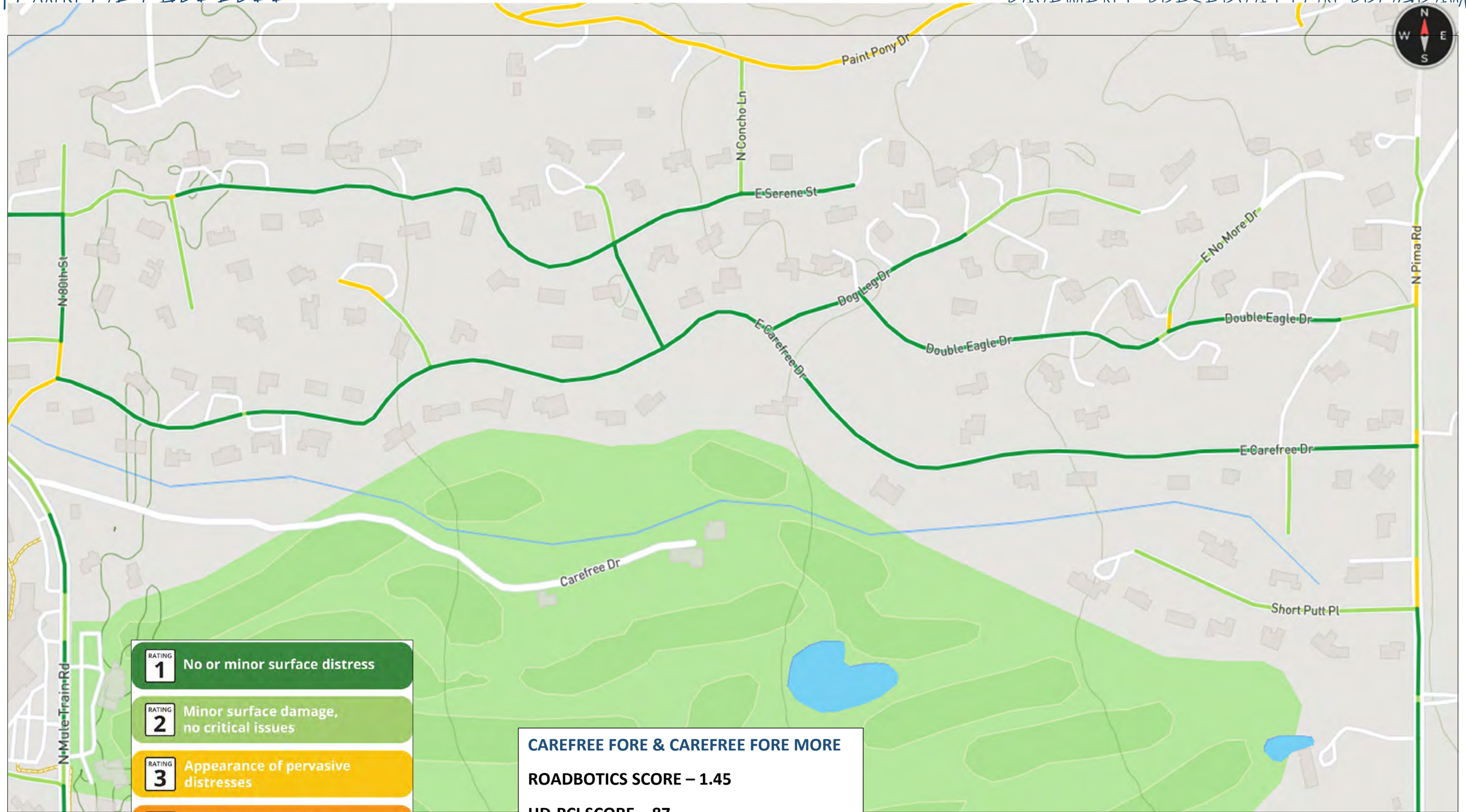
HD-PCI SCORE – 64

CENTERLINE MILES – 1.88

POTHoles - 0



CAREFREE FOOTHILLS RATINGS



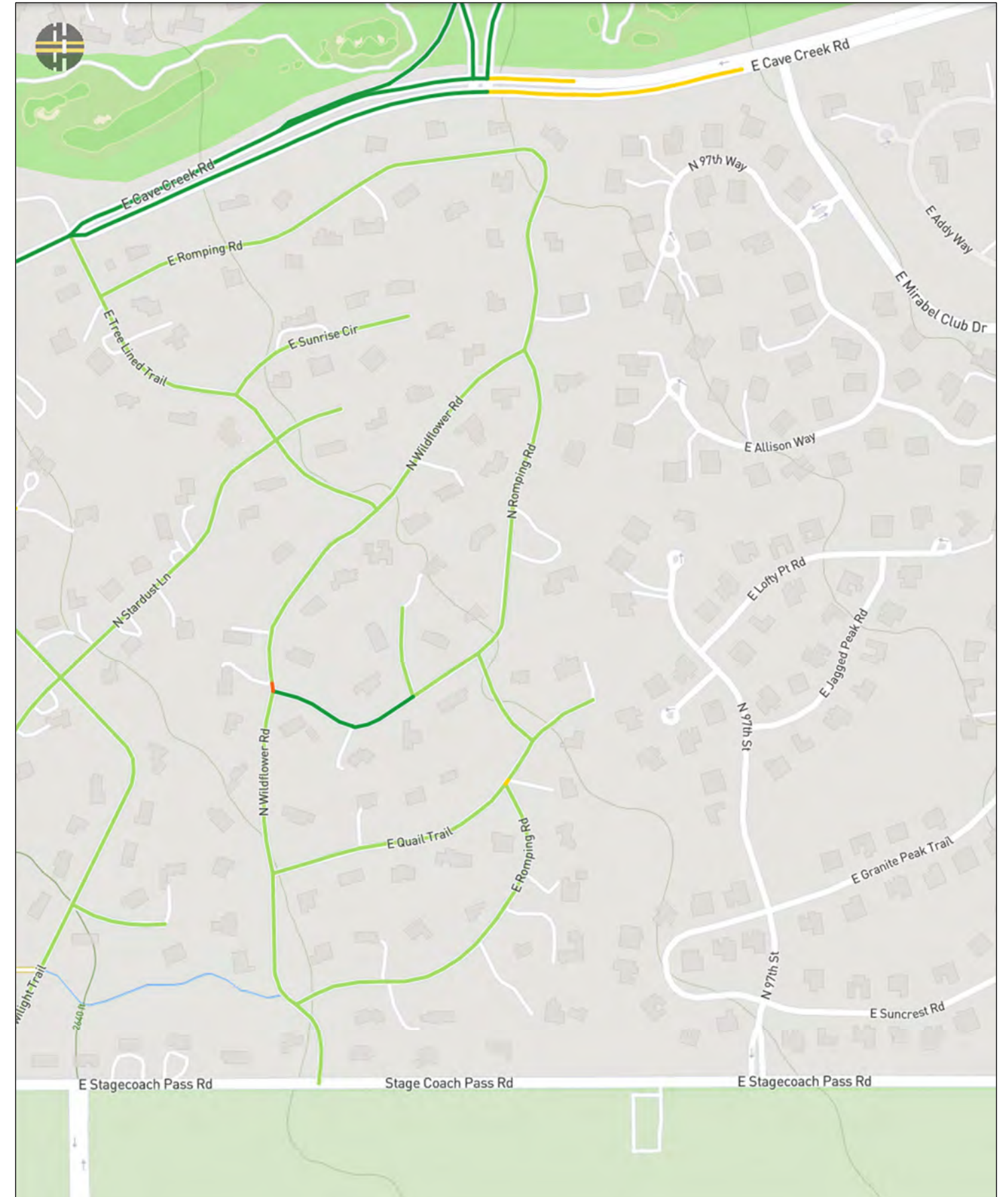
- RATING 1** No or minor surface distress
- RATING 2** Minor surface damage, no critical issues
- RATING 3** Appearance of pervasive distresses
- RATING 4** Significant damage or emerging critical failures
- RATING 5** Major surface damage and/or critical fatigue issues

CAREFREE FORE & CAREFREE FORE MORE
ROADBOTICS SCORE – 1.45
HD-PCI SCORE – 87
CENTERLINE MILES – 2.77
POTHOLES - 0

CAREFREE FORE & CAREFREE FORE MORE RATINGS MAP

RATING 1	No or minor surface distress
RATING 2	Minor surface damage, no critical issues
RATING 3	Appearance of pervasive distresses
RATING 4	Significant damage or emerging critical failures
RATING 5	Major surface damage and/or critical fatigue issues

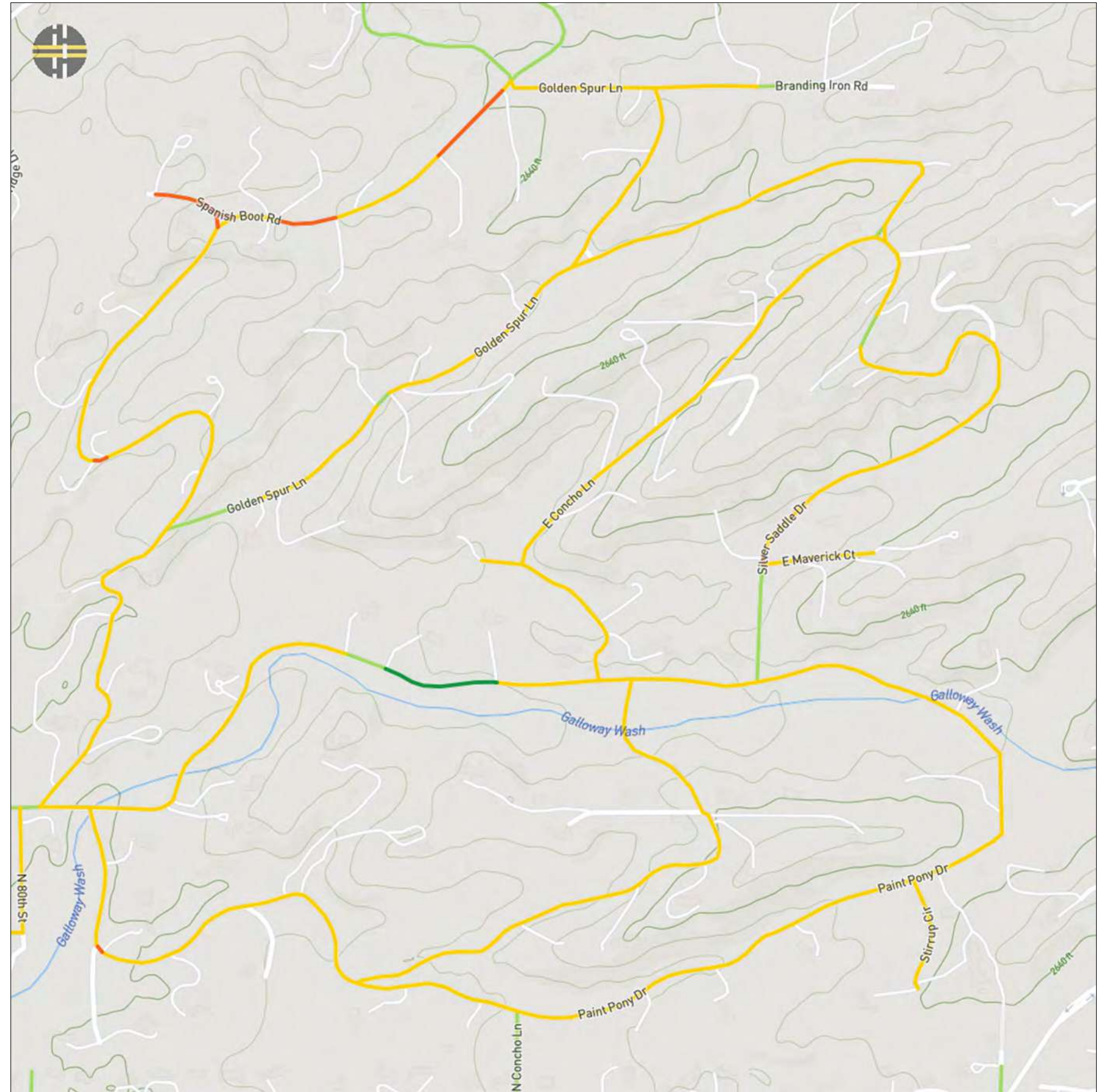
CAREFREE ROLLING HILLS
ROADBOTICS SCORE – 1.94
HD-PCI SCORE – 86
CENTERLINE MILES – 2.99
POTHoles - 0



CAREFREE ROLLING HILLS RATINGS MAP

RATING 1	No or minor surface distress
RATING 2	Minor surface damage, no critical issues
RATING 3	Appearance of pervasive distresses
RATING 4	Significant damage or emerging critical failures
RATING 5	Major surface damage and/or critical fatigue issues

CAREFREE ROLLING HILLS
ROADBOTICS SCORE – 2.94
HD-PCI SCORE – 64
CENTERLINE MILES – 7.02
POTHoles - 30



COW TRACK ESTATES RATINGS MAP

RATING 1 No or minor surface distress

RATING 2 Minor surface damage, no critical issues

RATING 3 Appearance of pervasive distresses

RATING 4 Significant damage or emerging critical failures

RATING 5 Major surface damage and/or critical fatigue issues

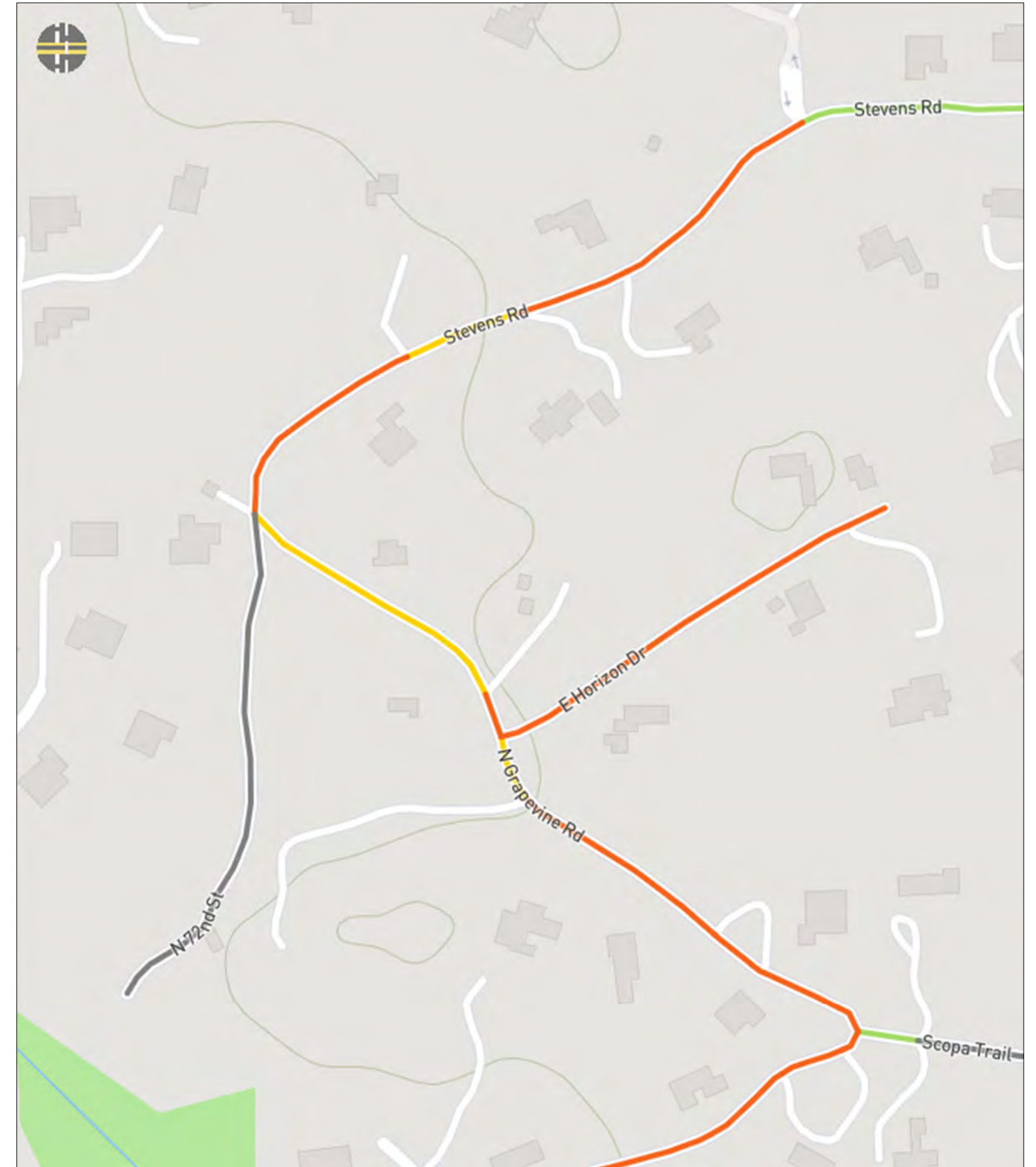
LEIGH ESTATES

ROADBOTICS SCORE – 3.78

HD-PCI SCORE – 46

CENTERLINE MILES – 0.52

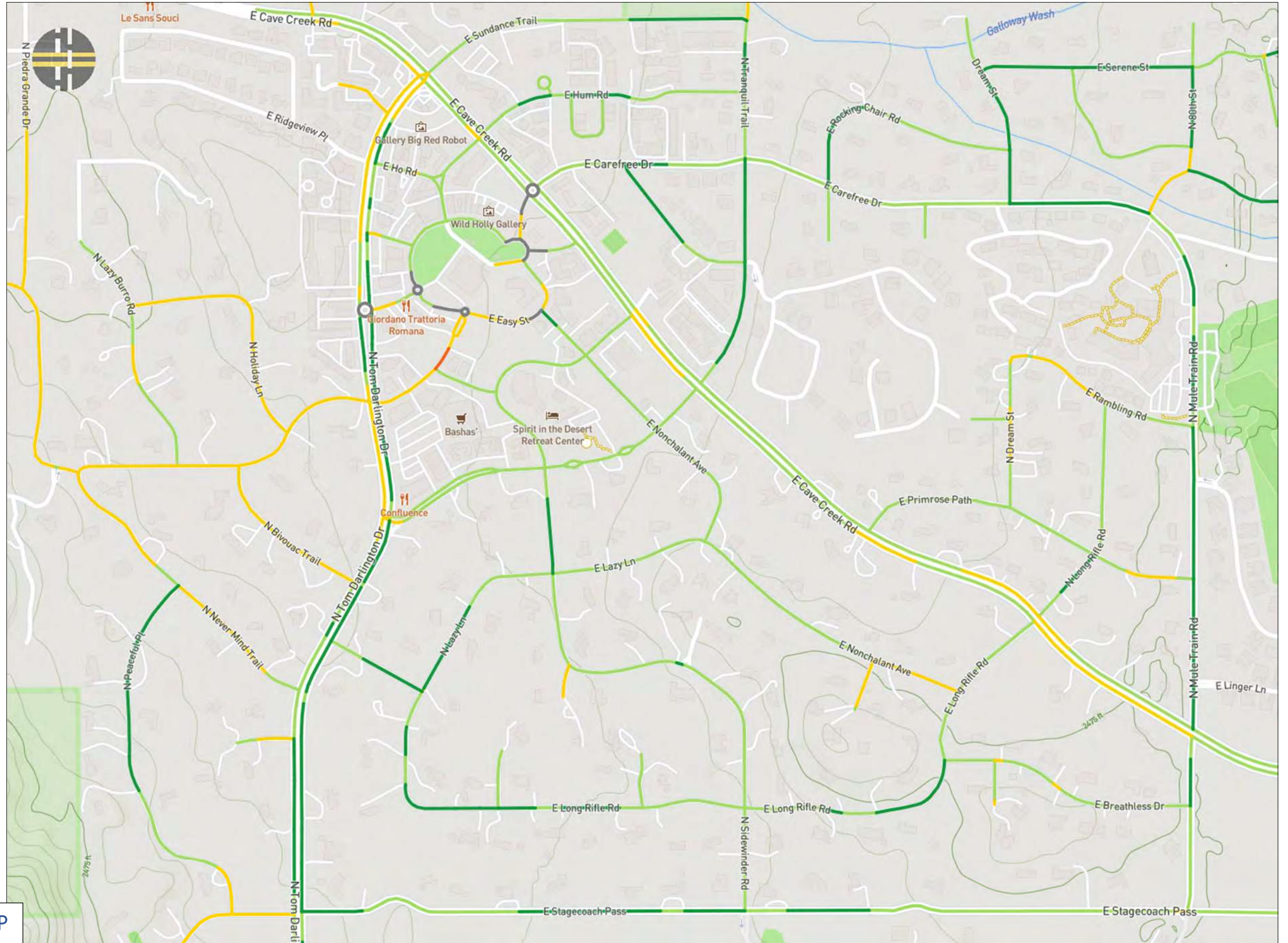
POTHoles - 4



LEIGH ESTATES RATINGS MAP

RATING 1	No or minor surface distress
RATING 2	Minor surface damage, no critical issues
RATING 3	Appearance of pervasive distresses
RATING 4	Significant damage or emerging critical failures
RATING 5	Major surface damage and/or critical fatigue issues

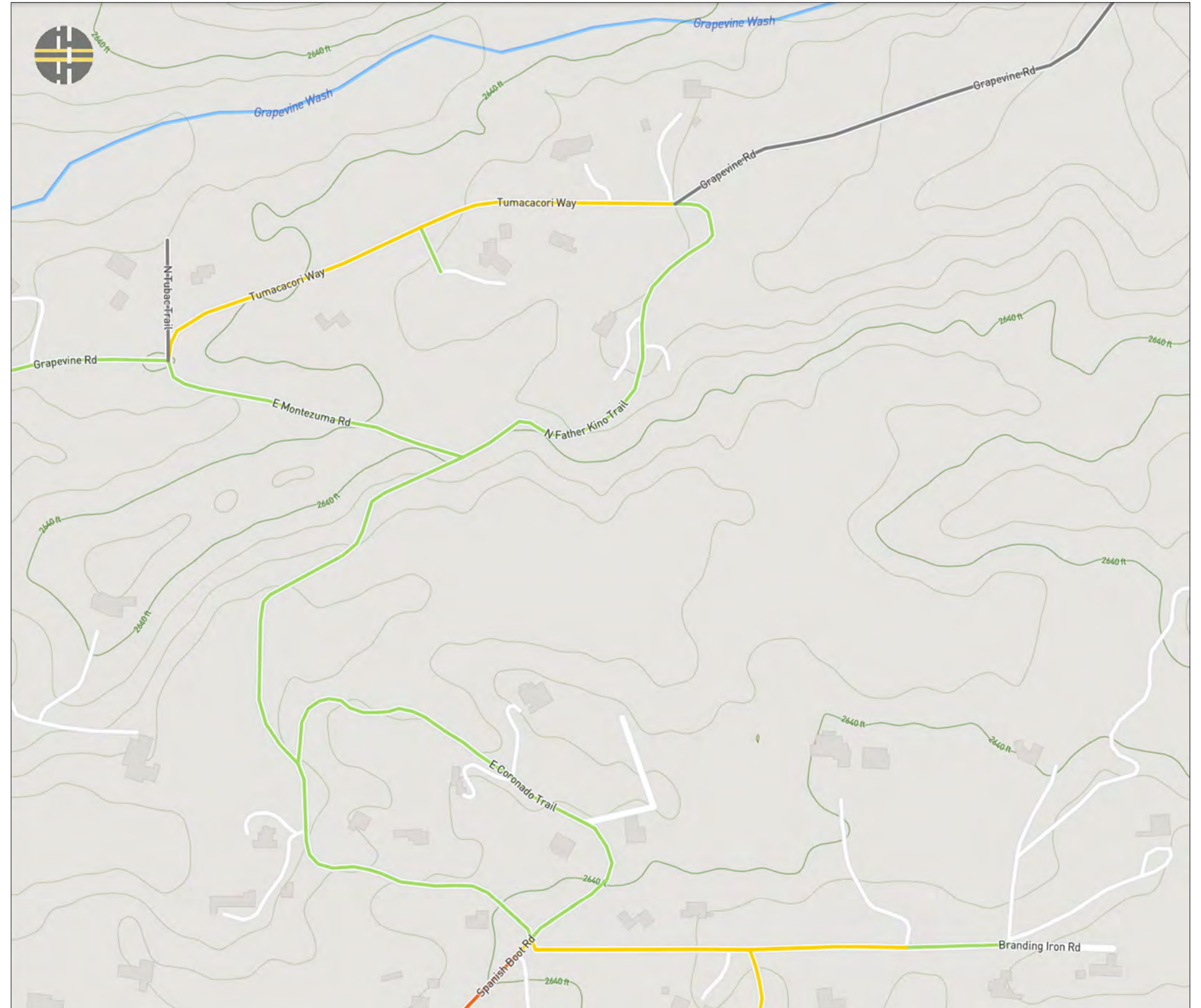
ORIGINAL CAREFREE
ROADBOTICS SCORE – 2.15
HD-PCI SCORE – 81
CENTERLINE MILES – 7.93
POTHoles - 1



ORIGINAL CAREFREE RATINGS MAP

RATING 1	No or minor surface distress
RATING 2	Minor surface damage, no critical issues
RATING 3	Appearance of pervasive distresses
RATING 4	Significant damage or emerging critical failures
RATING 5	Major surface damage and/or critical fatigue issues

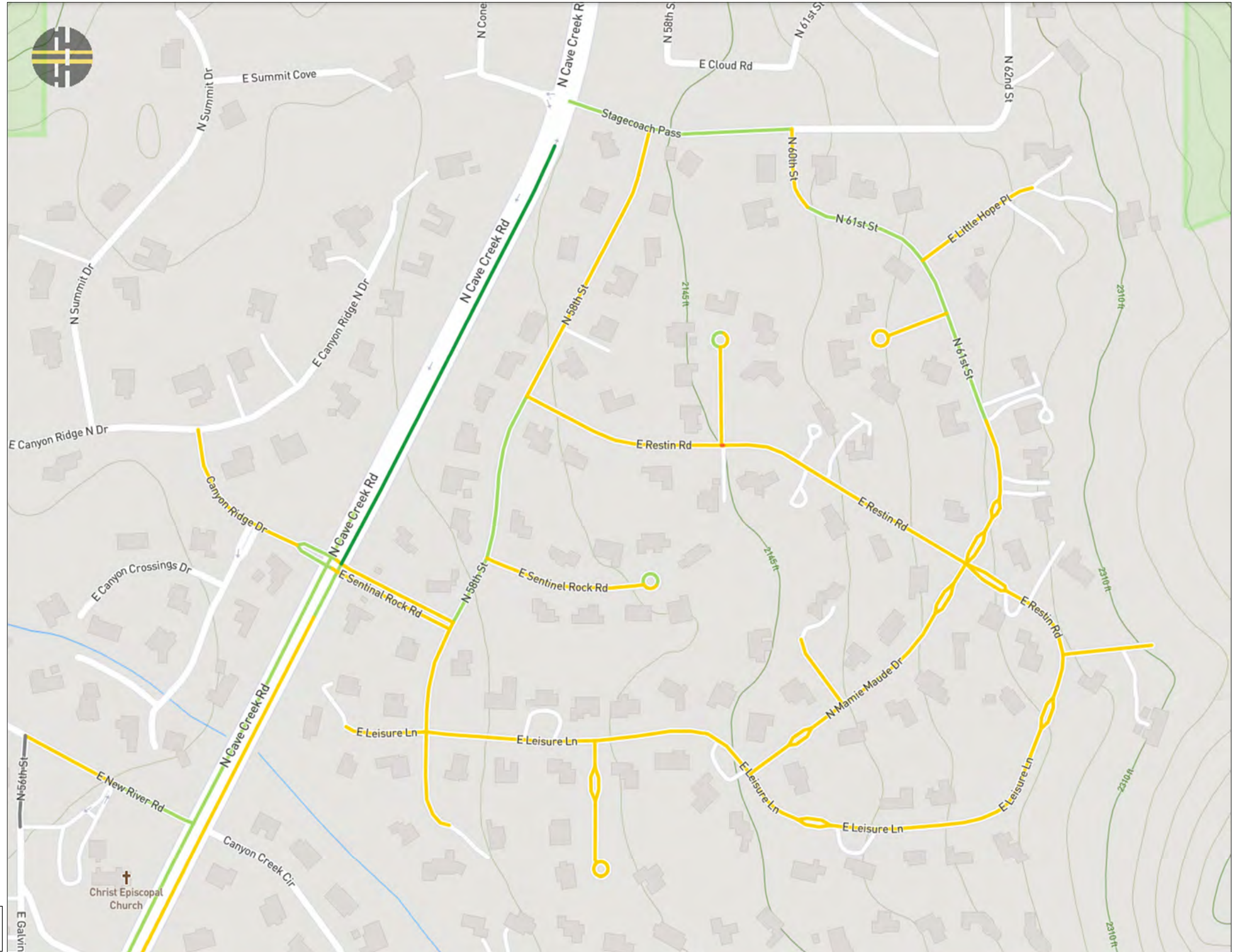
RANCHITOS DEL RAY
ROADBOTICS SCORE – 2.20
HD-PCI SCORE – 74
CENTERLINE MILES – 1.80
POTHoles - 2



RANCHITOS DEL RAY RATINGS MAP

- RATING 1** No or minor surface distress
- RATING 2** Minor surface damage, no critical issues
- RATING 3** Appearance of pervasive distresses
- RATING 4** Significant damage or emerging critical failures
- RATING 5** Major surface damage and/or critical fatigue issues

SENTINAL ROCK ESTATES
ROADBOTICS SCORE – 2.84
HD-PCI SCORE – 67
CENTERLINE MILES – 3.12
POTHoles - 0

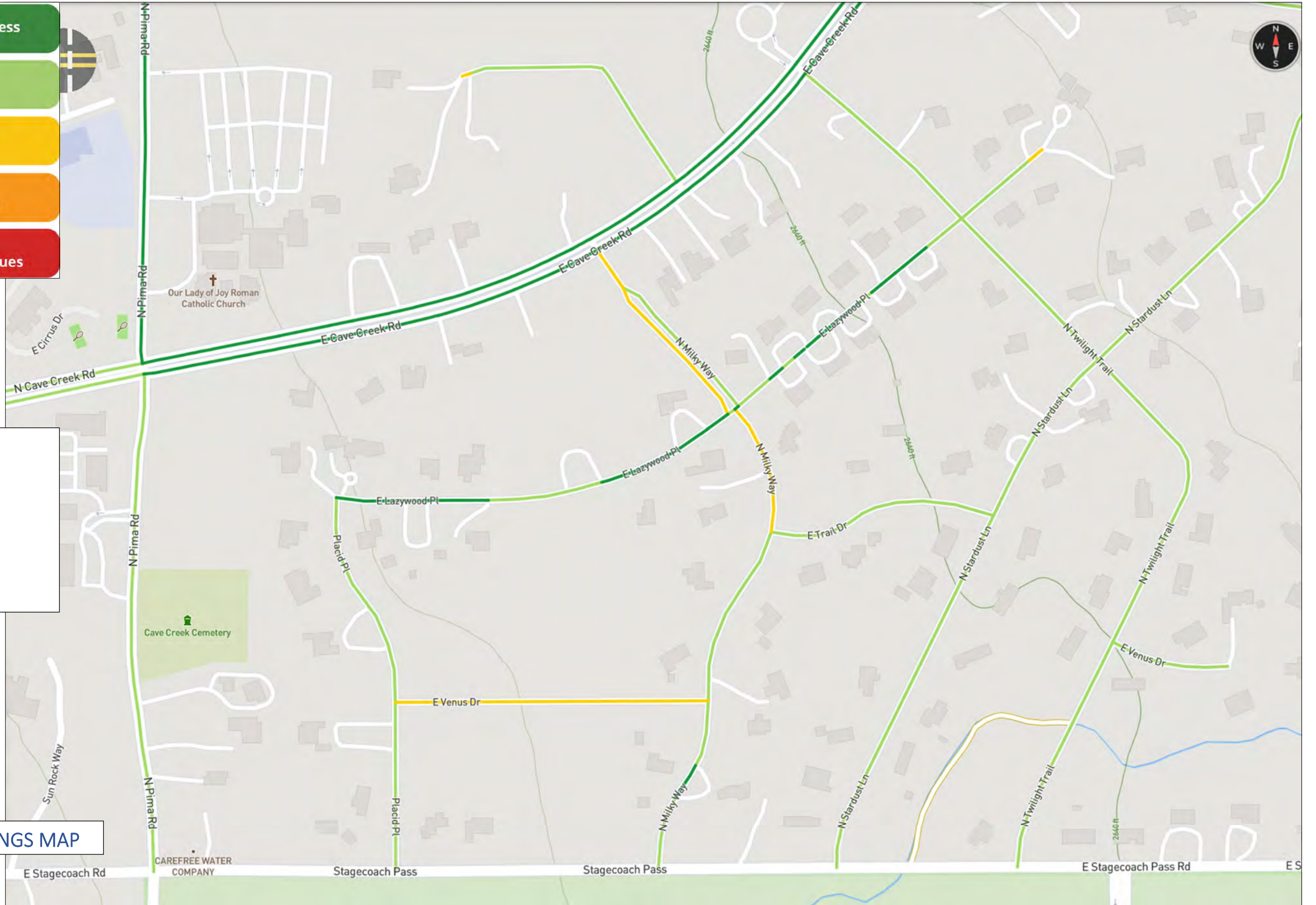


SENTINAL ROCK ESTATES RATINGS MAP

- RATING 1** No or minor surface distress
- RATING 2** Minor surface damage, no critical issues
- RATING 3** Appearance of pervasive distresses
- RATING 4** Significant damage or emerging critical failures
- RATING 5** Major surface damage and/or critical fatigue issues

VELVET SHADOWS
ROADBOTICS SCORE – 2.01
HD-PCI SCORE – 82
CENTERLINE MILES – 2.97
POTHoles - 1

VELVET SHADOWS RATINGS MAP



PAVEMENT CONDITION RATINGS
STREET SEGMENT TABLE

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
CAREFREE 3A & CAREFREE 3B SUBDIVISIONS											
East El Sendero Road	West End of Street	Stagecoach Pass	390.31	3.40	69	0	15	0	0	40	100
East Languid Lane	Stagecoach Pass	Tom Darlington	513.06	3.04	70	0	17	0	0	47	100
East Languid Lane	Stagecoach Pass	Tom Darlington	255.95	3.13	72	0	4	0	0	24	100
East Languid Lane	Stagecoach Pass	Tom Darlington	845.98	3.24	64	0	13	0	0	87	100
East Leisure Lane	Stagecoach Pass	Tom Darlington	160.05	2.13	90	0	0	0	0	1	100
East Leisure Lane	Stagecoach Pass	Tom Darlington	256.44	2.15	90	0	0	0	0	0	100
East Leisure Lane	Stagecoach Pass	Tom Darlington	192.55	2.35	89	0	0	0	0	0	100
East Leisure Lane	Stagecoach Pass	Tom Darlington	585.91	2.47	85	0	0	0	0	13	100
East Leisure Lane	Stagecoach Pass	Tom Darlington	286.19	2.48	87	0	0	0	0	14	100
East Leisure Lane	Stagecoach Pass	Tom Darlington	189.65	3.00	60	0	0	0	0	18	100
East Radiant Court	West End of Street	Tom Darlington	126.11	2.38	89	0	0	0	0	13	100
East Radiant Court	West End of Street	Tom Darlington	211.72	2.70	66	0	0	0	0	22	100
East Restin Road	Stagecoach Pass	Meander Wy	149.09	3.00	60	0	0	0	0	15	100
East Restin Road	Stagecoach Pass	Meander Wy	595.69	3.00	73	0	0	0	2	33	100
North Meander Way	Tom Darlington	Restin Rd	1199.77	2.61	68	0	0	0	0	84	88
North Meander Way	Restin Rd	Stagecoach Pass	56.41	3.00	60	0	0	0	0	5	100
North Meander Way	Restin Rd	Stagecoach Pass	172.67	3.00	60	0	0	0	0	16	100
North Meander Way	Restin Rd	Stagecoach Pass	22.46	3.00	60	0	0	0	0	4	100
North Meander Way	Restin Rd	Stagecoach Pass	588.19	3.00	60	0	0	0	0	57	100
North Meander Way	Restin Rd	Stagecoach Pass	169.15	3.00	60	0	0	0	6	18	100
North Peaceful Place	Stagecoach Pass	Never Mind Tr	212.23	1.00	100	0	0	0	0	0	0
North Peaceful Place	Stagecoach Pass	Never Mind Tr	411.12	1.00	100	0	0	0	0	0	0
North Peaceful Place	Stagecoach Pass	Never Mind Tr	36.57	1.00	100	0	0	0	0	0	0
North Peaceful Place	Stagecoach Pass	Never Mind Tr	272.37	1.00	100	0	0	0	0	0	0
North Peaceful Place	Stagecoach Pass	Never Mind Tr	11.91	1.00	100	0	0	0	0	0	0
North Peaceful Place	Stagecoach Pass	Never Mind Tr	240.56	1.00	100	0	0	0	0	0	0
North Peaceful Place	Stagecoach Pass	Never Mind Tr	125.14	1.08	94	0	0	0	0	0	8
North Peaceful Place	Stagecoach Pass	Never Mind Tr	714.41	2.46	83	0	0	0	0	52	73
North Peaceful Place	Stagecoach Pass	Never Mind Tr	179.80	2.85	63	0	0	0	0	20	100
North Peaceful Place	Stagecoach Pass	Never Mind Tr	118.23	3.00	60	0	0	0	0	12	100
North Whileaway Road	Stagecoach Pass	South End of Street	253.75	2.96	61	0	0	0	0	24	100
North Whileaway Road	Stagecoach Pass	South End of Street	165.58	3.06	59	0	0	0	0	16	100
North Whileaway Road	Stagecoach Pass	South End of Street	113.76	3.08	59	0	0	0	0	9	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Whileaway Road	Stagecoach Pass	South End of Street	429.82	3.18	72	0	2	0	0	45	100
North Whileaway Road	Stagecoach Pass	South End of Street	780.53	3.33	54	0	0	0	0	79	92
North Whileaway Road	Stagecoach Pass	South End of Street	135.84	3.50	50	0	0	0	0	14	100
			Length (feet)	11,168.97	RB Rating	PCI Rating	# Potholes				
			Length (miles)	2.12	2.66	73	0				

CAREFREE CROSSINGS I											
East Ridgeline Road	Rising Sun Rd	To Cul-de-Sac	6.14	2.00	80	0	0	0	0	1	0
East Ridgeline Road	S Side of Cul-de-Sac	S Side of Cul-de-Sac	42.95	2.00	93	0	0	0	0	3	100
East Ridgeline Road	W Side of Cul-de-Sac	W Side of Cul-de-Sac	85.92	2.25	91	0	0	0	0	7	88
East Ridgeline Road	Rising Sun Rd	To Cul-de-Sac	427.93	2.95	61	0	0	0	0	43	100
East Ridgeline Road	NE Side of Cul-de-Sac	NE Side of Cul-de-Sac	12.28	3.00	60	0	0	0	0	1	100
East Travois Trail	Rising Sun Rd	Cul-de-Sac	438.95	2.84	64	0	0	0	0	43	100
East Travois Trail	SE Side Cul-de-Sac	SE Side Cul-de-Sac	38.85	3.00	60	0	0	0	0	4	100
East Travois Trail	North Side Cul-de-Sac	North Side Cul-de-Sac	85.92	3.00	60	0	0	0	0	7	100
East Travois Trail	South Side Cul-de-Sac	South Side Cul-de-Sac	22.51	3.00	60	0	0	0	0	2	100
North Rising Sun Road	Tranquil Tr	Ridgeline Rd	81.70	2.63	68	0	0	0	11	2	78
North Rising Sun Road	Ridgeline Rd	Travois Tr	221.82	2.95	61	0	0	0	43	21	100
North Rising Sun Road	Ridgeline Rd	Travois Tr	42.53	3.00	60	0	0	0	0	3	60
North Rising Sun Road	Tranquil Tr	Ridgeline Rd	148.27	3.00	60	0	0	0	0	15	100
North Rising Sun Road	Tranquil Tr	Ridgeline Rd	49.20	3.00	60	0	0	0	0	1	25
North Rising Sun Road	Travois Tr	Stevens Rd	427.85	3.00	60	0	0	0	0	42	38
North Rising Sun Road	Tranquil Tr	Ridgeline Rd	577.81	3.00	73	0	0	0	7	58	100
North Rising Sun Road	Ridgeline Rd	Travois Tr	204.56	3.00	60	0	0	0	0	19	95
Stevens Road	Leigh Estates	Rising Son Rd	1033.04	2.38	70	0	0	0	1	73	100
Stevens Road	Rising Sun Rd	Travois Tr	649.57	2.79	64	0	0	0	0	54	100
West Travois Trail	S Side of Cul-de-Sac	S Side of Cul-de-Sac	61.38	2.67	67	0	0	0	0	3	0
West Travois Trail	W Side of Cul-de-Sac	West Side of Cul-de-Sac	30.67	2.75	65	0	0	0	0	4	100
West Travois Trail	Rising Sun Rd	West to Cul-de-Sac	452.25	3.00	73	0	0	0	2	46	98
West Travois Trail	N Side of Cul-de-Sac	N Side of Cul-de-Sac	49.09	3.00	60	0	0	0	0	6	100
West Travois Trail	E Side of Cul-de-Sac	E Side of Cul-de-Sac	6.14	3.00	60	0	0	0	100	1	100
			Length (feet)	5,197.33	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.98	2.80	67	0				

CAREFREE FOOTHILLS											
Arroyo Road	Arroyo Road	Northeast End of Street	108.40	3.00	60	0	0	0	0	10	100
Arroyo Road	Arroyo Road	Northeast End of Street	104.74	3.00	60	0	0	0	0	11	100
Arroyo Road	Arroyo Road	Northeast End of Street	733.48	3.00	60	0	0	0	0	76	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Chino Lane	Sunset Tr	El Sendero Rd	443.58	2.65	73	0	0	0	17	46	100
Chino Lane	El Sendero Rd	Languid Ln	131.84	3.00	60	0	0	0	0	12	100
Chino Lane	El Sendero Rd	Languid Ln	210.50	3.00	60	0	0	0	0	20	100
East Hidden Canyon Road	El Sendero Rd	East End of Street	514.83	3.02	70	0	0	0	19	54	100
East Old Paint Trail	Sunset Tr	Arroyo Rd	465.26	2.98	61	0	0	0	0	47	100
East Old Paint Trail	Sunset Tr	Arroyo Rd	47.40	3.00	60	0	0	0	0	4	0
East Old Paint Trail	Sunset Tr	Arroyo Rd	63.62	3.00	60	0	0	0	0	7	100
East Old Paint Trail	Sunset Tr	Arroyo Rd	152.98	3.00	60	0	0	0	0	16	0
East Old Paint Trail	Arroyo Rd	East End of Street	264.67	3.00	60	0	0	0	0	28	100
East Old Paint Trail	Sunset Tr	Arroyo Rd	319.23	3.00	60	0	0	0	0	32	63
East Villa Cassandra Way	Sunset Tr	El Sendero Rd	257.94	3.00	60	0	0	0	0	25	80
East Villa Cassandra Way	El Sendero Rd	Arroyo Rd	525.87	3.02	72	0	0	0	13	54	100
East Villa Cassandra Way	El Sendero Rd	Arroyo Rd	293.70	3.03	72	0	0	0	3	31	100
El Sendero Road	Chino Ln	Chino Ln	209.70	2.70	66	0	0	0	0	14	100
El Sendero Road	Hidden Canyon Rd	Chino Ln	133.07	3.00	60	0	0	0	0	13	100
El Sendero Road	Villa Cassondra Way	Hidden Canyon Rd	804.45	3.00	60	0	0	0	0	82	100
El Sendero Road	Hidden Canyon Rd	Chino Ln	520.63	3.00	73	0	0	0	2	52	100
Languid Lane	Chino Ln	East End of Street	462.25	3.00	60	0	0	0	0	47	100
North Arroyo Road	Old Paint Tr	Arroyo Rd	44.24	3.00	60	0	0	0	0	3	100
North Arroyo Road	Carefree Hwy	Old Paint Tr	378.20	3.00	60	0	0	0	0	37	30
North Arroyo Road	Old Paint Tr	Arroyo Rd	17.22	3.00	60	0	0	0	0	3	100
North Arroyo Road	Old Paint Tr	Arroyo Rd	525.37	3.00	60	0	0	0	0	53	6
Sunset Trail	Villa Cassondra Way	Chino Ln	523.49	2.94	62	0	0	0	0	47	100
Sunset Trail	Chino Ln	To West End of Street	231.47	3.00	60	0	0	0	0	23	100
Sunset Trail	Chino Ln	To West End of Street	36.07	3.00	60	0	0	0	0	7	100
Sunset Trail	Old Paint Tr	Villa Cassondra Way	65.08	3.00	60	0	0	0	0	6	100
Sunset Trail	Carefree Hwy	Old Paint Tr	306.08	3.00	60	0	0	0	3	28	97
Sunset Trail	Carefree Hwy	Old Paint Tr	120.50	3.00	60	0	0	0	0	10	100
Sunset Trail	Old Paint Tr	Villa Cassondra Way	617.60	3.02	70	0	2	0	0	61	100
Sunset Trail	Villa Cassondra Way	Chino Ln	306.08	3.03	74	0	0	0	13	32	100
		Length (feet)	9,939.54	RB Rating	PCI Rating	# Potholes					
		Length (miles)	1.88	2.98	64	0					

CAREFREE FORE & CAREFREE FORE MORE											
East Carefree Drive	Round Robin Ct	Foursome Way	935.51	1.05	94	0	0	0	0	0	5
East Carefree Drive	80th St	Round Robin Ct	143.80	1.13	94	0	0	0	0	0	13
East Carefree Drive	80th St	Round Robin Ct	136.58	1.15	87	0	0	0	8	0	8
East Carefree Drive	80th St	Round Robin Ct	442.04	1.31	84	0	0	0	7	4	17

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Carefree Drive	80th St	Round Robin Ct	654.43	1.37	90	0	0	0	0	0	37
East Serene Street	Tee Time Cr	Foursome Way	169.94	1.22	94	0	0	0	0	0	22
East Serene Street	80th St	Tee Time Cr	446.96	1.87	87	0	0	0	0	4	63
East Serene Street	Tee Time Cr	Foursome Way	26.11	2.50	70	0	0	0	0	0	100
North Concho Lane	Serene St	Paint Pony Dr	504.00	2.08	86	0	0	0	0	8	92
North Foursome Way	Carefree Dr	Serene St	435.49	1.43	89	0	0	0	0	9	27
North Foursome Way	Serene St	To North End of Street	259.47	2.03	86	0	0	0	0	13	67
North Round Robin Court	Carefree Dr	To North End of Street	319.98	1.74	89	0	0	0	0	4	44
North Round Robin Court	Carefree Dr	To North End of Street	182.81	2.58	69	0	0	0	0	0	100
North Tee Time Circle	Serene St	To South End of Street	419.28	2.31	85	0	0	0	0	5	100
Dog Leg Drive	Double Eagle Dr	To East End of Street	140.14	1.00	100	0	0	0	0	0	0
Dog Leg Drive	Double Eagle Dr	To East End of Street	163.65	1.33	94	0	0	0	0	0	33
Dog Leg Drive	Carefree Dr	Double Eagle Dr	376.79	1.37	90	0	0	0	0	7	32
Dog Leg Drive	Double Eagle Dr	To East End of Street	162.41	1.44	94	0	0	0	0	0	44
Dog Leg Drive	Double Eagle Dr	To East End of Street	480.84	1.92	86	0	0	0	0	6	80
Dog Leg Drive	Double Eagle Dr	To East End of Street	68.06	2.00	94	0	0	0	0	0	100
Dog Leg Drive	Double Eagle Dr	To East End of Street	91.88	2.00	94	0	0	0	0	0	100
Dog Leg Drive	Double Eagle Dr	To East End of Street	87.89	2.00	94	0	0	0	0	0	100
Double Eagle Drive	Dog Leg Dr	No More Dr	121.63	1.00	100	0	0	0	0	0	0
Double Eagle Drive	Dog Leg Dr	No More Dr	68.86	1.00	100	0	0	0	0	0	0
Double Eagle Drive	Dog Leg Dr	No More Dr	273.82	1.11	94	0	0	0	0	0	11
Double Eagle Drive	No More Dr	Pima Rd	283.88	1.12	94	0	0	0	0	0	12
Double Eagle Drive	No More Dr	Pima Rd	148.46	1.14	94	0	0	0	0	0	14
Double Eagle Drive	No More Dr	Pima Rd	200.71	1.24	93	0	0	0	0	3	24
Double Eagle Drive	Dog Leg Dr	No More Dr	789.95	1.26	89	0	0	0	0	3	19
Double Eagle Drive	No More Dr	Pima Rd	35.05	1.33	94	0	0	0	0	0	33
Double Eagle Drive	Dog Leg Dr	No More Dr	53.69	1.57	93	0	0	0	0	1	57
Double Eagle Drive	No More Dr	Pima Rd	302.61	1.72	90	0	0	0	0	8	56
East Carefree Drive	Dog Leg Dr	Four More Ct	2190.50	1.06	87	0	0	0	2	0	4
East Carefree Drive	Four More Ct	Pima Rd	494.48	1.11	87	0	0	0	2	0	9
East Carefree Drive	Foursome Way	Dog Leg Dr	471.09	1.42	82	0	0	0	6	6	29
East Carefree Drive	Dog Leg Dr	Four More Ct	37.11	1.60	93	0	0	0	60	0	0
East No More Drive	Double Eagle Dr	To North End of Street	535.64	2.13	78	0	0	0	19	0	81
East No More Drive	Double Eagle Dr	To North End of Street	62.23	2.60	68	0	0	0	0	4	100
East Serene Street	Concho Ln	To E End of Street	437.62	1.02	93	0	0	0	0	1	2
North Fore More Court	Carefree Dr	To South End of Street	310.60	1.94	82	0	0	0	3	0	81
Short Putt Place	Pima Rd	To West End of Street	1133.37	1.54	74	0	0	0	10	11	36
		Length (feet)	14,599.36	RB Rating	PCI Rating	# Potholes					
		Length (miles)	2.77	1.45	87	0					

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
CAREFREE ROLLING HILLS											
East Here To There Drive	Wildflower Rd	This is It Pl	279.12	1.11	93	0	0	0	0	2	11
East Here To There Drive	Wildflower Rd	This is It Pl	354.20	1.47	90	0	3	0	0	0	44
East Here To There Drive	This is It Pl	N Romping Rd	316.59	1.88	89	0	0	0	0	0	69
East Quail Trail	Wildflower Rd	E Romping Rd	668.93	2.17	88	0	0	0	0	0	100
East Quail Trail	Wildflower Rd	E Romping Rd	367.45	2.17	90	0	0	0	0	0	100
East Quail Trail	N Romping Rd	To East End of Street	297.91	2.31	87	0	0	0	0	1	100
East Romping Road	Quail Tr	Wildflower Rd	23.64	1.50	94	0	0	0	0	0	50
East Romping Road	Quail Tr	Wildflower Rd	418.83	1.51	89	0	0	0	0	2	51
East Romping Road	Quail Tr	Wildflower Rd	387.64	1.67	88	0	0	0	0	3	62
East Romping Road	Tree Lined Dr	Wildflower Rd	1163.15	1.72	77	0	0	0	1	8	70
East Romping Road	Quail Tr	Wildflower Rd	170.15	1.83	92	0	0	0	0	0	83
East Romping Road	Quail Tr	Wildflower Rd	152.62	1.93	90	0	0	0	0	1	86
East Romping Road	Tree Lined Dr	Wildflower Rd	749.06	2.12	86	0	0	0	0	16	100
East Romping Road	Quail Tr	Wildflower Rd	366.64	2.19	89	0	0	0	0	0	92
East Sunrise Circle	Tree Lined Dr	To East End of Street	239.92	1.83	91	0	0	0	0	0	65
East Sunrise Circle	Tree Lined Dr	To East End of Street	223.53	2.18	90	0	0	0	0	0	100
East Sunrise Circle	Tree Lined Dr	To East End of Street	331.18	2.25	82	0	0	0	3	0	97
East Tree Lined Trail	Sunrise Cr	Romping Rd	497.41	1.65	83	0	0	0	2	0	63
East Tree Lined Trail	Sunrise Cr	Romping Rd	52.42	1.75	94	0	0	0	0	0	75
East Tree Lined Trail	Stardust Ln	Sunrise Cr	246.89	2.00	89	0	0	0	0	2	100
East Tree Lined Trail	Sunrise Cr	Romping Rd	34.45	2.00	94	0	0	0	0	0	100
East Tree Lined Trail	Sunrise Cr	Romping Rd	121.85	2.00	85	0	0	0	15	3	69
East Tree Lined Trail	Sunrise Cr	Romping Rd	33.17	2.00	93	0	0	0	0	1	100
East Tree Lined Trail	Romping Rd	Cave Creek Rd	275.77	2.12	88	0	0	0	0	4	100
East Tree Lined Trail	Wildflower Rd	Stardust Ln	511.60	2.25	85	0	0	0	0	15	100
North Romping Road	Wildflower Rd	Here to There Dr	451.65	1.87	90	0	0	0	0	0	81
North Romping Road	E Romping Rd	Wildflower Rd	684.13	1.89	88	0	0	0	0	0	87
North Romping Road	Wildflower Rd	Here to There Dr	669.88	2.01	79	0	0	0	13	1	81
North Romping Road	Wildflower Rd	Here to There Dr	174.31	2.18	92	0	0	0	0	0	100
North Romping Road	Here to There Dr	Quail Tr	424.60	2.20	89	0	0	0	0	0	95
North Romping Road	E Romping Rd	Wildflower Rd	134.75	2.29	91	0	0	0	0	0	100
North Romping Road	Quail Tr	Quail Tr	187.54	2.44	91	0	0	0	0	0	100
North Romping Road	Quail Tr	Quail Tr	18.93	3.00	60	0	0	0	0	0	100
North Stardust Lane	West End Subdivision	Tree Lined Tr	37.56	2.00	93	0	0	0	0	1	100
North Stardust Lane	West End Subdivision	Tree Lined Tr	573.84	2.10	86	0	0	0	0	15	100
North Stardust Lane	Tree Lined Tr	North End of Street	292.88	2.39	87	0	0	0	0	10	100
North This Is It Place	Here to There Dr	To North End of Street	365.80	2.19	90	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Wildflower Road	Here to There Dr	Tree Lined Tr	205.44	1.57	92	0	0	0	0	0	57
North Wildflower Road	Here to There Dr	Tree Lined Tr	668.45	1.61	88	0	0	0	0	1	57
North Wildflower Road	Romping Rd	Quail Tr	562.24	1.75	82	0	0	0	4	0	68
North Wildflower Road	Quail Tr	Here to There Dr	744.95	1.82	78	0	0	0	14	0	64
North Wildflower Road	Stagecoach Pass	Romping Rd	358.25	1.94	89	0	0	0	0	2	94
North Wildflower Road	Tree Lined Tr	Romping Rd	639.07	2.00	88	0	0	0	0	0	100
North Wildflower Road	Tree Lined Tr	Romping Rd	253.64	2.23	82	0	0	0	12	0	81
North Wildflower Road	Here to There Dr	Tree Lined Tr	31.13	3.50	50	0	50	0	0	2	100
			Length (feet)	15,763.16	RB Rating	PCI Rating	# Potholes				
			Length (miles)	2.99	1.94	86	0				

CAREFREE STREETS - LOCAL											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Grapevine Road	Tumacacori Way	To East End of Street	2400.26	2.00	87	0	0	0	3	0	8
North 72nd Street	Grapevine Rd	To South End of Street	968.32	3.00	72	0	1	0	1	0	1
North 80th Street	Pleasant Pl	Serene St	470.02	1.17	77	0	0	0	2	1	9
North 80th Street	Serene St	To North End of Street	101.12	2.00	91	0	0	0	0	3	100
North 80th Street	Serene St	To North End of Street	153.14	2.00	83	0	0	0	6	1	82
North 80th Street	Carefree Dr	Pleasant Pl	140.55	2.77	65	0	0	0	0	13	100
North Desert Mountain Parkway	Cave Creek Rd	NB Desert Mtn Pkwy	549.66	1.00	100	0	0	0	0	0	0
North Desert Mountain Parkway	SB Desert Mtn Pkwy	Cave Creek Rd	383.96	1.00	100	0	0	0	0	0	0
North Desert Mountain Parkway	SB Desert Mtn Pkwy	Cave Creek Rd	487.68	1.00	100	0	0	0	0	0	0
North Desert Mountain Parkway	SB Desert Mtn Pkwy	Cave Creek Rd	504.52	1.02	93	0	0	0	2	0	0
North Dream Street	Celestial St	Rising Sun Rd	676.84	2.00	94	0	0	0	0	0	4
North Piedra Grande Drive	Never Mind Tr	Skyline Dr	917.12	2.52	74	0	0	0	4	45	99
North Piedra Grande Drive	Never Mind Tr	Skyline Dr	254.76	2.69	67	0	0	0	0	26	100
North Piedra Grande Drive	Never Mind Tr	Skyline Dr	173.63	3.00	60	0	0	0	0	18	100
Skyranch Aircraft Storage	Cave Creek Rd	To North End of Street	271.55	1.26	92	0	0	0	0	4	22
Skyranch Aircraft Storage	Cave Creek Rd	To North End of Street	75.37	3.00	60	0	0	0	0	2	100
			Length (feet)	8,528.50	RB Rating	PCI Rating	# Potholes				
			Length (miles)	1.62	1.94	85	0				

CAREFREE TOO											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Dream Street	Rocking Chair Rd	Serene St	499.92	1.00	100	0	0	0	0	0	0
Dream Street	Carefree Dr	Rocking Chair Rd	314.72	1.00	100	0	0	0	0	0	0
Dream Street	Serene St	To North End of Street	329.96	2.10	86	0	0	0	10	0	90
East Happy Hollow Drive	Carefree Dr	Tranquil Tr	573.11	1.41	89	0	0	0	0	6	41
East Happy Hollow Drive	Carefree Dr	Tranquil Tr	190.99	1.71	91	0	0	0	0	3	71
East Happy Hollow Drive	Carefree Dr	Tranquil Tr	89.40	2.00	93	0	0	0	0	2	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Happy Hollow Drive	Carefree Dr	Tranquil Tr	123.49	2.00	87	0	0	0	64	0	36
East Hum Road	Hum Rd Loop W	Hum Road Loop E	172.35	1.00	100	0	0	0	0	0	0
East Hum Road	Cave Creek Rd	Hum Rd Circle	189.73	1.16	94	0	0	0	0	0	16
East Hum Road	Hum Rd Loop E	Tranquil Tr	159.05	1.27	93	0	0	0	0	0	20
East Hum Road	Hum Rd Circle	Hum Rd Loop	122.47	1.58	93	0	0	0	0	1	58
East Hum Road	Hum Rd Loop E	Tranquil Tr	265.35	1.63	91	0	0	0	0	3	63
East Hum Road	Cave Creek Rd	Hum Rd Circle	126.04	1.85	83	0	0	0	8	1	77
East Hum Road	Hum Rd Loop E	Tranquil Tr	423.67	2.00	81	0	0	0	9	2	91
East Hum Road	Hum Rd Loop W	Hum Road Loop E	12.61	2.00	94	0	0	0	0	0	100
East Hum Road	Cave Creek Rd	Hum Rd Circle	146.29	2.29	90	0	0	0	0	5	100
East Hum Road	Cave Creek Rd	Cave Creek Rd	19.99	3.00	60	0	0	0	0	0	100
East Primrose Path	Dream St	Long Rifle Rd	75.56	1.67	94	0	0	0	0	0	67
East Primrose Path	Dream St	Long Rifle Rd	92.33	1.88	94	0	0	0	0	0	88
East Primrose Path	Cave Creek Rd	Dream St	913.91	1.95	77	0	0	0	4	4	89
East Primrose Path	Dream St	Long Rifle Rd	98.65	2.00	87	0	0	0	78	0	22
East Primrose Path	Dream St	Long Rifle Rd	36.56	2.00	94	0	0	0	0	0	100
East Primrose Path	Dream St	Long Rifle Rd	8.96	2.00	94	0	0	0	0	0	100
East Primrose Path	Dream St	Long Rifle Rd	257.61	2.07	80	0	0	0	37	1	59
East Primrose Path	Long Rifle Rd	Mule Train Rd	215.98	2.14	90	0	0	0	0	0	100
East Primrose Path	Long Rifle Rd	Mule Train Rd	110.64	2.40	91	0	0	0	0	0	100
East Primrose Path	Long Rifle Rd	Mule Train Rd	286.33	2.62	68	0	0	0	0	2	100
East Rambling Road	Dream St	Long Rifle Rd	17.12	2.00	93	0	0	0	0	1	100
East Rambling Road	Dream St	Long Rifle Rd	25.95	2.00	80	0	0	0	0	3	0
East Rambling Road	Long Rifle Rd	Mule Train Rd	533.74	2.06	78	0	0	0	2	2	83
East Rambling Road	Dream St	Long Rifle Rd	89.74	2.60	68	0	0	0	0	4	100
East Rambling Road	Dream St	Long Rifle Rd	514.06	2.62	68	0	0	0	0	14	100
East Rocking Chair Road	Carefree Dr	Dream St	588.06	1.35	89	0	0	0	0	6	35
East Rocking Chair Road	Carefree Dr	Dream St	898.64	1.76	76	0	0	0	17	2	53
East Serene Street	Tee Time Cr	Foursome Way	186.41	1.00	100	0	0	0	0	0	0
East Serene Street	Pleasant Pl	80th St	502.05	1.00	100	0	0	0	0	0	0
East Serene Street	Tee Time Cr	Foursome Way	535.64	1.04	94	0	0	0	0	0	4
East Serene Street	Dream St	Pleasant Pl	541.71	1.05	94	0	0	0	0	0	5
East Serene Street	Tee Time Cr	Foursome Way	964.40	1.07	94	0	0	0	0	0	7
East Serene Street	Foursome Way	Concho Ln	528.70	1.08	93	0	0	0	0	4	8
East Serene Street	Pleasant Pl	80th St	207.60	1.29	94	0	0	0	0	0	29
East Slumber Street	Dream St	To West End of Street	223.88	2.09	80	0	0	0	5	0	100
East Slumber Street	Carefree Dr	To South End of Street	196.75	2.11	90	0	0	0	0	6	100
East Sundance Trail	Cave Creek Rd	Tranquil Tr	691.63	1.28	89	0	0	0	0	9	28
East Sundance Trail	Cave Creek Rd	Tranquil Tr	399.20	1.67	88	0	0	0	0	15	67

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Sundance Trail	Cave Creek Rd	Tranquil Tr	373.19	1.89	81	0	0	0	3	3	86
East Sundance Trail	Cave Creek Rd	Tranquil Tr	4.01	2.00	93	0	0	0	0	1	100
East Sundance Trail	Cave Creek Rd	Tranquil Tr	164.27	2.00	90	0	0	0	0	17	100
East Sundance Trail	Cave Creek Rd	Tranquil Tr	170.86	2.06	92	0	0	0	0	17	29
East Sundance Trail	Cave Creek Rd	Tranquil Tr	174.90	2.18	90	0	0	0	0	17	100
Hum Rd Circle	E Portion Cul-de-Sac	E Portion Cul-de-Sac	45.50	1.50	93	0	0	0	0	2	25
Hum Rd Circle	Hum Rd	North to Cul-de-Sac	50.56	1.50	91	0	0	0	17	2	0
Hum Rd Circle	W Portion Cul-de-Sac	W Portion Cul-de-Sac	175.59	1.59	89	0	0	0	0	10	0
Hum Rd Loop	Hum Rd	Hum Rd	623.13	1.97	89	0	0	0	0	63	27
North Dream Street	Slumber St	Rambling Rd	68.62	2.00	87	0	0	0	43	0	57
North Dream Street	Slumber St	Rambling Rd	35.50	2.00	94	0	0	0	0	0	100
North Dream Street	Slumber St	Rambling Rd	54.61	2.17	94	0	0	0	0	0	100
North Dream Street	Slumber St	Rambling Rd	112.51	2.25	92	0	0	0	0	0	100
North Dream Street	Primrose Path	Slumber St	95.14	2.30	91	0	0	0	0	0	100
North Dream Street	Primrose Path	Slumber St	188.54	2.30	88	0	0	0	0	1	100
North Dream Street	Primrose Path	Slumber St	44.84	2.50	70	0	0	0	0	0	100
North Dream Street	Slumber St	Rambling Rd	40.17	3.00	60	0	0	0	0	0	100
North Dream Street	Primrose Path	Slumber St	191.75	3.00	60	0	0	0	0	2	100
North Dream Street	Slumber St	Rambling Rd	22.11	3.00	60	0	0	0	0	0	100
North Dream Street	Slumber St	Rambling Rd	28.04	3.00	60	0	0	0	0	0	100
North Long Rifle Road	Cave Creek Rd	Primrose Path	136.94	1.15	94	0	0	0	0	0	15
North Long Rifle Road	Cave Creek Rd	Primrose Path	157.22	1.29	94	0	0	0	0	0	29
North Long Rifle Road	Primrose Path	Rambling Rd	235.32	1.96	88	0	0	0	0	2	91
North Long Rifle Road	Cave Creek Rd	Primrose Path	106.06	2.00	93	0	0	0	0	0	67
North Long Rifle Road	Cave Creek Rd	Primrose Path	71.79	2.00	94	0	0	0	0	0	100
North Long Rifle Road	Primrose Path	Rambling Rd	675.29	2.06	86	0	0	0	0	1	100
North Long Rifle Road	Cave Creek Rd	Primrose Path	16.50	2.33	93	0	0	0	0	0	100
North Tranquil Trail	Cave Creek Rd	Happy Hollow Dr	184.32	1.15	87	0	0	0	5	0	10
North Tranquil Trail	Hum Rd	Sundance Tr	49.28	1.20	93	0	0	0	0	1	20
North Tranquil Trail	Happy Hollow Dr	Carefree Dr	610.22	1.20	91	0	0	0	0	8	20
North Tranquil Trail	Cave Creek Rd	Happy Hollow Dr	443.38	1.41	91	0	0	0	0	9	41
North Tranquil Trail	Hum Rd	Sundance Tr	236.08	1.44	91	0	0	0	0	5	32
North Tranquil Trail	Carefree Dr	Hum Rd	257.93	1.65	91	0	0	0	0	2	65
North Tranquil Trail	Hum Rd	Sundance Tr	136.20	1.69	85	0	0	0	31	3	38
North Tranquil Trail	Carefree Dr	Hum Rd	134.14	1.83	85	0	0	0	17	1	67
North Tranquil Trail	Cave Creek Rd	Happy Hollow Dr	153.59	1.93	83	0	0	0	7	5	79

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Pleasant Place	Serene St	80th St	1080.10	2.22	84	0	0	0	0	1	99
Rocking Chair Road	Carefree Dr	To South End of Street	322.40	1.86	90	0	0	0	0	0	86
			Length (feet)	21,171.55	RB Rating	PCI Rating	# Potholes				
			Length (miles)	4.01	1.69	87	0				

COW TRACK ESTATES											
Branding Iron Road	Golden Spur Ln	To East End of Street	363.68	2.08	77	0	0	0	100	0	78
Branding Iron Road	Golden Spur Ln	To East End of Street	553.91	2.69	62	1	3	0	29	13	100
Cow Track Drive	Paint Pony Dr	Sombrero Rd	621.86	1.00	100	0	0	0	0	0	0
Cow Track Drive	Paint Pony Dr	Sombrero Rd	231.78	2.33	87	0	0	0	0	19	88
Cow Track Drive	80th St	Golden Spur Ln	107.42	2.38	79	0	0	0	8	3	100
Cow Track Drive	Sombrero Rd S	Silver Saddle Dr	682.14	2.82	70	0	0	0	1	72	100
Cow Track Drive	Paint Pony Dr	Sombrero Rd	659.26	2.97	61	0	0	0	0	66	100
Cow Track Drive	Golden Spur Ln	Paint Pony Dr	268.25	3.00	60	0	0	0	0	26	100
Cow Track Drive	Paint Pony Dr	Sombrero Rd	50.46	3.00	60	0	0	0	0	6	100
Cow Track Drive	Silver Saddle Dr	Paint Pony Dr	1135.16	3.01	66	0	0	0	9	108	100
Cow Track Drive	Paint Pony Dr	Sombrero Rd	415.32	3.02	68	1	0	0	0	34	100
Cow Track Drive	Paint Pony Dr	Sombrero Rd	553.41	3.11	61	4	2	0	4	54	100
Cow Track Drive	Silver Saddle Dr	Paint Pony Dr	331.35	3.11	71	0	0	0	36	36	100
Cow Track Drive	Paint Pony Dr	Sombrero Rd	754.72	3.27	58	2	5	0	5	78	100
Cow Track Drive	Sombrero Rd N	Sombrero Rd S	177.33	3.35	60	3	0	0	18	17	100
East Maverick Court	Silver Saddle Dr	To East End of Street	115.68	3.00	60	0	0	0	0	15	100
East Maverick Court	Silver Saddle Dr	To East End of Street	327.37	3.06	72	0	0	0	6	33	100
East Maverick Court	Silver Saddle Dr	To East End of Street	158.16	3.27	62	2	0	0	13	15	100
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	530.63	2.15	77	0	0	0	26	31	40
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	100.27	2.30	89	0	0	0	0	10	100
Golden Spur Lane	Branding Iron Rd	Silver Saddle Dr	648.41	2.64	73	0	0	0	2	66	100
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	705.50	2.84	58	0	3	0	8	73	100
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	728.56	2.86	63	0	0	0	0	74	99
Golden Spur Lane	Cow Track Drive	Spanish Boot Rd	252.97	2.96	61	0	0	0	0	5	100
Golden Spur Lane	Cow Track Drive	Spanish Boot Rd	458.94	2.96	58	0	9	0	18	25	100
Golden Spur Lane	Spanish Boot Rd	Branding Iron Rd	799.84	2.99	68	0	6	0	0	69	96
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	121.84	3.00	60	0	0	0	0	9	100
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	44.22	3.00	60	0	0	0	0	4	100
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	74.67	3.00	60	0	0	0	0	8	100
Golden Spur Lane	Cow Track Drive	Spanish Boot Rd	240.04	3.00	60	0	0	0	0	17	100
Golden Spur Lane	Cow Track Drive	Spanish Boot Rd	134.20	3.00	60	0	0	0	0	10	100
Golden Spur Lane	Silver Saddle Dr	Spanish Boot Rd	380.76	3.05	59	1	5	0	3	38	92

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Golden Spur Lane	Cow Track Drive	Spanish Boot Rd	362.24	3.10	57	0	8	0	8	40	100
Golden Spur Lane	Branding Iron Rd	Silver Saddle Dr	119.46	3.31	59	2	8	0	15	13	100
Golden Spur Lane	Branding Iron Rd	Silver Saddle Dr	356.08	3.39	72	0	18	0	0	38	100
Golden Spur Lane	Cow Track Drive	Spanish Boot Rd	463.60	3.43	52	8	0	0	29	49	100
North Concho Lane	Sombrero Rd	Silver Saddle Dr	340.40	2.60	68	0	0	0	0	35	100
North Concho Lane	Sombrero Rd	Silver Saddle Dr	303.61	2.65	67	0	0	0	3	31	100
North Concho Lane	Sombrero Rd	Silver Saddle Dr	118.38	3.00	60	0	0	0	0	12	100
North Concho Lane	Sombrero Rd	Silver Saddle Dr	233.03	3.00	60	0	0	0	0	25	100
North Concho Lane	Sombrero Rd	Silver Saddle Dr	638.58	3.00	75	0	0	0	2	66	38
North Concho Lane	Sombrero Rd	Silver Saddle Dr	446.64	3.16	57	0	0	0	0	45	100
North Concho Lane	Sombrero Rd	Silver Saddle Dr	400.97	3.17	57	3	0	0	3	40	90
North Concho Lane	Sombrero Rd	Silver Saddle Dr	171.48	3.44	72	0	0	0	19	16	100
North Sombrero Road	Cow Track Drive	Concho Ln	72.31	3.00	60	0	0	0	0	8	100
North Sombrero Road	Cow Track Drive	Concho Ln	530.16	3.02	70	0	0	0	2	54	83
North Sombrero Road	Cow Track Drive	Concho Ln	277.61	3.07	72	0	0	0	7	29	83
North Sombrero Road	Concho Ln	To West End of Street	219.75	3.08	74	0	0	0	17	24	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	311.22	2.90	62	0	0	0	0	11	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	612.56	3.00	60	0	0	0	0	61	100
Paint Pony Drive	Sombrero Rd	Concho Ln	212.18	3.00	60	0	0	0	0	21	24
Paint Pony Drive	Sombrero Rd	Concho Ln	416.34	3.00	60	0	0	0	0	43	100
Paint Pony Drive	Stirrup Cr	Cow Track Dr	140.44	3.00	60	0	0	0	0	16	100
Paint Pony Drive	Stirrup Cr	Cow Track Dr	345.19	3.00	60	0	0	0	0	36	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	228.58	3.00	60	0	0	0	0	22	100
Paint Pony Drive	Stirrup Cr	Cow Track Dr	316.59	3.00	60	0	0	0	0	33	100
Paint Pony Drive	Stirrup Cr	Cow Track Dr	173.52	3.00	60	0	0	0	0	15	94
Paint Pony Drive	Concho Ln	Stirrup Cr	494.97	3.00	65	0	0	0	100	48	100
Paint Pony Drive	Concho Ln	Stirrup Cr	411.43	3.00	73	0	0	0	5	42	100
Paint Pony Drive	Sombrero Rd	Concho Ln	264.47	3.00	60	0	0	0	0	27	100
Paint Pony Drive	Concho Ln	Stirrup Cr	693.50	3.01	70	0	0	0	1	70	100
Paint Pony Drive	Concho Ln	Stirrup Cr	718.60	3.01	60	0	0	0	0	73	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	457.63	3.04	59	0	0	0	0	46	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	383.33	3.05	59	0	0	0	0	38	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	500.18	3.08	59	0	0	0	0	51	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	81.79	3.10	75	0	0	0	10	10	100
Paint Pony Drive	Cow Track Drive	Sombrero Rd	36.39	4.00	40	0	0	0	0	5	100
Silver Saddle Drive	Golden Spur Ln	Concho Ln	74.18	2.00	93	0	0	0	0	6	83
Silver Saddle Drive	Maverick Ct	Concho Ln	198.15	2.19	87	0	0	0	0	21	100
Silver Saddle Drive	Cow Track Drive	Maverick Ct	634.71	2.33	84	0	0	0	0	64	100
Silver Saddle Drive	Maverick Ct	Concho Ln	199.15	2.57	69	0	0	0	0	21	14

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Silver Saddle Drive	Golden Spur Ln	Concho Ln	81.70	2.75	65	0	0	0	0	8	100
Silver Saddle Drive	Maverick Ct	Concho Ln	176.81	2.83	64	0	0	0	0	18	100
Silver Saddle Drive	Maverick Ct	Concho Ln	95.33	2.89	63	0	0	0	0	9	100
Silver Saddle Drive	Golden Spur Ln	Concho Ln	403.30	3.00	60	0	0	0	0	41	100
Silver Saddle Drive	Golden Spur Ln	Concho Ln	119.16	3.00	60	0	0	0	0	12	100
Silver Saddle Drive	Maverick Ct	Concho Ln	57.60	3.00	60	0	0	0	0	6	100
Silver Saddle Drive	Maverick Ct	Concho Ln	154.31	3.00	60	0	0	0	0	17	100
Silver Saddle Drive	Maverick Ct	Concho Ln	749.32	3.03	52	1	0	0	1	77	100
Silver Saddle Drive	Maverick Ct	Concho Ln	1871.29	3.05	56	2	1	0	4	193	100
Silver Saddle Drive	Golden Spur Ln	Concho Ln	1883.38	3.05	55	0	3	0	1	193	100
Silver Saddle Drive	Maverick Ct	Concho Ln	37.17	3.67	47	0	33	0	67	3	100
Sombrero Road	Paint Pony Dr	Cow Track Dr	923.35	2.88	73	0	0	0	1	82	99
Sombrero Road	Paint Pony Dr	Cow Track Dr	965.28	2.99	61	0	0	0	0	94	100
Sombrero Road	Paint Pony Dr	Cow Track Dr	391.07	3.00	60	0	0	0	0	40	100
Sombrero Road	Paint Pony Dr	Cow Track Dr	277.83	3.00	60	0	0	0	0	29	79
Sombrero Road	Paint Pony Dr	Cow Track Dr	41.23	3.00	60	0	0	0	17	6	100
Sombrero Road	Paint Pony Dr	Cow Track Dr	35.93	3.00	60	0	0	0	0	3	100
Sombrero Road	Paint Pony Dr	Cow Track Dr	676.52	3.03	71	0	0	0	4	69	100
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	71.48	2.57	69	0	0	0	0	7	100
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	186.84	2.84	64	0	0	0	0	16	100
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	543.51	3.33	54	0	0	0	0	57	100
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	115.92	3.38	53	0	0	0	0	13	15
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	67.32	3.43	52	0	0	0	0	7	57
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	307.88	3.55	49	0	0	0	0	33	100
Spanish Boot Road	Spanish Boot Rd	Golden Spur Ln	491.56	3.55	49	0	0	0	2	51	100
Stirrup Circle	Paint Pony Dr	South End of Street	32.07	3.00	60	0	0	0	0	4	100
Stirrup Circle	Paint Pony Dr	South End of Street	595.58	3.00	60	0	0	0	0	61	100
			Length (feet)	37,040.25	RB Rating	PCI Rating	# Potholes				
			Length (miles)	7.02	2.94	64	30				

LEIGH ESTATES											
East Horizon Drive	Grapevine Rd	East End of Street	746.42	4.01	29	1	85	0	60	0	100
East Horizon Drive	Grapevine Rd	East End of Street	75.83	4.33	43	3	78	0	33	1	100
North Grapevine Road	Horizon Dr	Stevens Rd	547.14	3.41	61	0	29	0	10	0	98
North Grapevine Road	Horizon Dr	Stevens Rd	82.93	3.75	45	0	75	0	38	3	100
Stevens Road	Grapevine Rd	Carefree Crossing I	221.64	3.26	58	0	52	0	17	3	100
Stevens Road	Grapevine Rd	Carefree Crossing I	430.13	3.89	47	0	67	0	71	5	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Stevens Road	Grapevine Rd	Carefree Crossing I	426.77	3.89	52	0	73	0	13	6	100
Stevens Road	Grapevine Rd	Carefree Crossing I	212.41	3.90	42	0	76	0	10	4	100
			Length (feet)	2,743.27	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.52	3.78	46	4				

ORIGINAL CAREFREE											
East Breathless Drive	Huff Puff Pl	Mule Train Rd	114.79	2.00	92	0	0	0	0	0	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	142.64	2.00	92	0	0	0	0	0	100
East Breathless Drive	Long Rifle Rd	Huff Puff Pl	297.19	2.00	89	0	0	0	0	2	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	225.00	2.00	90	0	0	0	0	0	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	362.73	2.05	88	0	0	0	0	6	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	197.61	2.14	80	0	0	0	5	0	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	87.80	2.38	93	0	0	0	0	0	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	40.11	2.50	70	0	0	0	0	1	100
East Breathless Drive	Huff Puff Pl	Mule Train Rd	49.25	2.60	68	0	0	0	0	0	100
East Carefree Drive	Dream St	Mule Train Rd	828.33	1.30	80	0	0	0	13	6	16
East Carefree Drive	80th St	Round Robin Ct	171.70	1.35	87	0	0	0	29	0	6
East Carefree Drive	Happy Hollow Dr	Tranquil Tr	246.22	1.46	91	0	0	0	0	5	46
East Carefree Drive	80th St	Round Robin Ct	28.45	1.50	93	0	0	0	50	0	0
East Carefree Drive	Rocking Chair Rd	Slumber St	591.47	1.66	90	0	0	0	0	0	64
East Carefree Drive	Slumber St	Dream St	419.24	1.79	88	0	0	0	0	11	79
East Carefree Drive	Happy Hollow Dr	Tranquil Tr	359.50	1.83	81	0	0	0	3	7	81
East Carefree Drive	Tranquil Tr	Rocking Chair Rd	519.39	1.90	86	0	0	0	0	11	90
East Carefree Drive	Slumber St	Dream St	79.29	2.00	93	0	0	0	0	6	100
East Carefree Drive	Cave Creek Rd	Happy Hollow Dr	84.96	2.00	91	0	0	0	0	5	100
East Carefree Drive	Cave Creek Rd	Happy Hollow Dr	312.25	2.00	89	0	0	0	0	1	100
East Carefree Drive	Happy Hollow Dr	Tranquil Tr	106.96	2.00	85	0	0	0	50	1	50
East Carefree Drive	Tom Darlington	Tom Darlington	43.12	2.00	94	0	0	0	0	0	100
East Carefree Drive	Cave Creek Rd	Happy Hollow Dr	157.04	2.00	85	0	0	0	21	7	43
East Carefree Drive	Sidewinder Rd	Easy St	50.75	2.50	70	0	0	0	0	2	100
East Carefree Drive	Mule Train Rd	80th St	361.20	2.53	70	0	0	0	0	36	100
East Carefree Drive	Holiday Ln	Tom Darlington	439.04	2.78	65	0	0	0	0	45	100
East Carefree Drive	Sundial Cr	Cave Creek Rd	121.87	2.83	64	0	0	0	0	6	50
East Carefree Drive	Bivouac Tr	Holiday Ln	365.93	2.97	61	0	0	0	0	37	97
East Carefree Drive	Lazy Burro Rd	Bivouac Tr	179.58	3.00	60	0	0	0	0	19	100
East Carefree Drive	Sidewinder Rd	Easy St	80.12	3.00	60	0	13	0	0	8	100
East Carefree Drive	Lazy Burro Rd	Bivouac Tr	183.91	3.00	60	0	0	0	0	19	74
East Carefree Drive	Tom Darlington	Sidewinder Rd	10.92	3.00	60	0	0	0	0	1	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Carefree Drive	Sidewinder Rd	Easy St	90.09	3.00	60	0	0	0	43	7	100
East Carefree Drive	Tom Darlington	Sidewinder Rd	113.18	3.00	60	0	0	0	0	10	100
East Carefree Drive	Holiday Ln	Tom Darlington	18.44	3.00	60	0	0	0	0	2	100
East Carefree Drive	Tom Darlington	Sidewinder Rd	195.68	3.00	60	0	0	0	0	18	100
East Carefree Drive	Holiday Ln	Tom Darlington	67.23	3.00	60	0	0	0	0	7	100
East Carefree Drive	Tom Darlington	Sidewinder Rd	90.58	3.00	60	0	0	0	0	10	100
East Carefree Drive	Never Mind Tr	Lazy Burro Rd	101.06	3.00	60	0	0	0	0	9	100
East Carefree Drive	Never Mind Tr	Lazy Burro Rd	396.92	3.00	60	0	0	0	0	40	100
East Carefree Drive	Holiday Ln	Tom Darlington	41.12	3.00	60	0	0	0	0	3	100
East Carefree Drive	Sundial Cr	Cave Creek Rd	150.92	3.00	60	0	0	0	0	13	81
East Carefree Drive	Never Mind Tr	Lazy Burro Rd	60.69	3.00	60	0	0	0	0	7	100
East Carefree Drive	Sidewinder Rd	Easy St	155.48	3.00	60	0	0	0	0	11	80
East Carefree Drive	Never Mind Tr	Lazy Burro Rd	38.04	3.00	60	0	0	0	0	4	100
East Carefree Drive	Sidewinder Rd	Easy St	141.67	3.64	48	0	50	0	21	14	100
East Easy Street	Wampum Way	Lucky Ln	159.68	1.85	90	0	0	0	0	11	63
East Easy Street	Nonchalant Ave	Sundial Circle	27.35	2.00	93	0	0	0	0	1	50
East Easy Street	Lucky Ln	Ho Hum Rd	255.80	2.00	90	0	0	0	0	19	65
East Easy Street	Wampum Way	Lucky Ln	89.52	2.00	93	0	0	0	0	3	40
East Easy Street	Wampum Way	To East End of Street	119.89	2.00	87	0	0	0	25	0	67
East Easy Street	Wampum Way	Carefree Dr	165.59	2.00	93	0	0	0	0	8	35
East Easy Street	Ho Hum Rd	Sundial Circle	400.93	2.06	80	0	0	0	2	30	78
East Easy Street	Nonchalant Ave	Sundial Circle	183.37	2.40	89	0	0	0	0	15	79
East Easy Street	Nonchalant Ave	Sundial Circle	22.72	2.50	70	0	0	0	0	2	100
East Easy Street	Nonchalant Ave	Sundial Circle	114.20	2.55	69	0	0	0	0	11	100
East Easy Street	Carefree Dr	Nonchalant Ave	371.41	2.94	61	0	0	0	0	34	95
East Ed Everett Way	West End of Street	Tom Darlington	107.87	3.00	60	0	0	0	0	8	100
East Ed Everett Way	West End of Street	Tom Darlington	42.66	3.00	60	0	0	0	0	4	100
East Ed Everett Way	West End of Street	Tom Darlington	42.78	3.00	60	0	0	0	100	3	100
East Ed Everett Way	West End of Street	Tom Darlington	154.29	3.06	59	0	0	0	0	16	100
East Elbow Bend Road	Nonchalant Ave	Cave Creek Rd	186.34	1.79	91	0	0	0	0	2	79
East Elbow Bend Road	Sidewinder Rd	Nonchalant Ave	59.96	2.00	93	0	0	0	0	2	100
East Elbow Bend Road	Sidewinder Rd	Nonchalant Ave	440.81	2.07	85	0	0	0	0	41	100
East Elbow Bend Road	Nonchalant Ave	Cave Creek Rd	173.01	2.29	82	0	0	0	6	7	88
East Elbow Bend Road	Sidewinder Rd	Nonchalant Ave	133.54	2.42	89	0	0	0	0	9	100
East Ho Road	Tom Darlington	Hum Rd	114.69	1.55	91	0	0	0	9	5	0
East Ho Road	Tom Darlington	Hum Rd	85.23	2.00	93	0	0	0	0	8	100
East Ho Road	Tom Darlington	Hum Rd	88.21	2.11	91	0	0	0	0	6	78
East Ho Road	Tom Darlington	Hum Rd	82.21	2.22	92	0	0	0	0	9	100
East Ho Road	Tom Darlington	Hum Rd	54.73	2.33	92	0	0	0	0	6	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Ho Road	Tom Darlington	Hum Rd	33.27	2.67	67	0	0	0	0	3	100
East Lazy Lane	Sidewinder Rd	Nonchalant Ave	262.84	2.00	81	0	0	0	4	1	100
East Lazy Lane	Sidewinder Rd	Nonchalant Ave	5.59	2.00	94	0	0	0	0	0	100
East Lazy Lane	Sidewinder Rd	Nonchalant Ave	131.18	2.00	92	0	0	0	0	0	100
East Lazy Lane	Sidewinder Rd	Nonchalant Ave	183.24	2.00	85	0	0	0	5	0	95
East Lazy Lane	Sidewinder Rd	Nonchalant Ave	10.58	2.00	94	0	0	0	0	0	100
East Lazy Lane	Sidewinder Rd	Nonchalant Ave	334.06	2.03	88	0	0	0	0	2	100
East Long Rifle Road	Sidewinder Rd	Breathless Dr	97.97	1.13	93	0	0	0	13	0	0
East Long Rifle Road	Derringer Rd	Six Gun Pl	196.08	1.15	94	0	0	0	0	0	15
East Long Rifle Road	Lazy Ln	Derringer Rd	148.37	1.21	93	0	0	0	0	0	14
East Long Rifle Road	Sidewinder Rd	Breathless Dr	571.90	1.22	85	0	0	0	2	0	20
East Long Rifle Road	Lazy Ln	Derringer Rd	162.07	1.29	94	0	0	0	0	0	29
East Long Rifle Road	Tom Darlington	Lazy Ln	395.55	1.31	93	0	0	0	0	0	23
East Long Rifle Road	Derringer Rd	Six Gun Pl	21.92	1.33	94	0	0	0	0	0	33
East Long Rifle Road	Derringer Rd	Six Gun Pl	338.80	1.37	91	0	0	0	0	1	37
East Long Rifle Road	Lazy Ln	Derringer Rd	104.48	1.40	94	0	0	0	0	0	40
East Long Rifle Road	Lazy Ln	Derringer Rd	387.14	1.47	90	0	0	0	0	0	47
East Long Rifle Road	Six Gun Pl	Sidewinder Rd	524.33	1.56	90	0	0	0	0	0	46
East Long Rifle Road	Nonchalant Ave	Cave Creek Rd	460.71	1.67	90	0	0	0	0	0	67
East Long Rifle Road	Derringer Rd	Six Gun Pl	139.46	1.86	91	0	0	0	0	1	50
East Long Rifle Road	Derringer Rd	Six Gun Pl	156.22	1.87	84	0	0	0	27	2	40
East Long Rifle Road	Sidewinder Rd	Breathless Dr	206.55	1.91	89	0	0	0	0	3	64
East Long Rifle Road	Tom Darlington	Lazy Ln	47.21	2.00	94	0	0	0	0	0	100
East Long Rifle Road	Tom Darlington	Lazy Ln	190.27	2.00	89	0	0	0	0	1	79
East Long Rifle Road	Breathless Dr	Nonchalant Ave	428.07	2.00	88	0	0	0	0	0	100
East Long Rifle Road	Sidewinder Rd	Breathless Dr	188.14	2.00	85	0	0	0	20	0	80
East Long Rifle Road	Tom Darlington	Lazy Ln	27.55	2.00	94	0	0	0	0	0	100
East Long Rifle Road	Lazy Ln	Derringer Rd	41.48	2.00	94	0	0	0	0	0	100
East Long Rifle Road	Six Gun Pl	Sidewinder Rd	84.12	2.00	94	0	0	0	0	0	100
East Long Rifle Road	Lazy Ln	Derringer Rd	130.53	2.00	85	0	0	0	17	0	83
East Long Rifle Road	Sidewinder Rd	Breathless Dr	288.74	2.10	88	0	0	0	0	4	100
East Long Rifle Road	Lazy Ln	Derringer Rd	187.55	2.20	90	0	0	0	0	0	100
East Long Rifle Road	Nonchalant Ave	Cave Creek Rd	154.68	2.36	89	0	0	0	0	5	100
East Lucky Lane	Tom Darlington	Easy St	111.99	2.00	91	0	0	0	0	9	100
East Lucky Lane	Tom Darlington	Easy St	46.91	2.00	93	0	0	0	0	4	100
East Lucky Lane	Tom Darlington	Easy St	42.57	2.00	93	0	0	0	0	3	100
East Lucky Lane	Tom Darlington	Easy St	77.36	2.60	68	0	0	0	0	5	100
East Nonchalant Avenue	Easy St	Elbow Bend Rd	123.41	1.42	94	0	0	0	0	0	42
East Nonchalant Avenue	Easy St	Elbow Bend Rd	27.00	1.67	93	0	0	0	67	0	0

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Nonchalant Avenue	Bloody Basin Rd	Lazy Ln	345.98	1.91	89	0	0	0	0	2	91
East Nonchalant Avenue	Bloody Basin Rd	Lazy Ln	206.96	1.95	90	0	0	0	0	0	95
East Nonchalant Avenue	Lazy Ln	Up and Down Dr	97.47	2.00	87	0	0	0	10	0	90
East Nonchalant Avenue	Lazy Ln	Up and Down Dr	53.91	2.00	94	0	0	0	0	0	100
East Nonchalant Avenue	Lazy Ln	Up and Down Dr	546.00	2.00	88	0	0	0	0	0	100
East Nonchalant Avenue	Bloody Basin Rd	Lazy Ln	128.45	2.00	92	0	0	0	0	0	100
East Nonchalant Avenue	Easy St	Elbow Bend Rd	35.35	2.00	93	0	0	0	0	3	33
East Nonchalant Avenue	Easy St	Elbow Bend Rd	37.05	2.00	94	0	0	0	0	0	100
East Nonchalant Avenue	Elbow Bend Rd	Bloody Basin Rd	413.26	2.02	79	0	0	0	10	3	100
East Nonchalant Avenue	Elbow Bend Rd	Bloody Basin Rd	191.32	2.05	90	0	0	0	0	4	100
East Nonchalant Avenue	Easy St	Elbow Bend Rd	150.84	2.07	90	0	0	0	0	7	79
East Nonchalant Avenue	Lazy Ln	Up and Down Dr	420.28	2.11	90	0	0	0	0	0	100
East Nonchalant Avenue	Bloody Basin Rd	Lazy Ln	159.91	2.18	84	0	0	0	12	0	76
East Nonchalant Avenue	Lazy Ln	Up and Down Dr	104.76	2.40	90	0	0	0	0	2	100
East Nonchalant Avenue	Up and Down Dr	Long Rifle Rd	438.10	2.50	70	0	0	0	0	0	100
East Nonchalant Avenue	Up and Down Dr	Long Rifle Rd	91.82	2.67	67	0	0	0	0	6	100
East Sundial Circle	W of Sundial Circle	Sundial Circle	167.37	2.81	64	0	0	0	6	14	88
East Sunshine Way	Sundial Cr	Cave Creek Rd	185.47	1.94	91	0	0	0	0	7	94
East Sunshine Way	Sundial Cr	Cave Creek Rd	104.89	2.17	92	0	0	0	0	5	60
East Wampum Way	Tom Darlington	Easy St	72.51	2.00	93	0	0	0	0	2	100
East Wampum Way	Tom Darlington	Easy St	63.58	2.00	93	0	0	0	0	6	86
East Wampum Way	Tom Darlington	Easy St	53.14	2.83	64	0	0	0	0	6	0
East Wampum Way	Tom Darlington	Easy St	86.59	2.83	64	0	0	0	0	6	75
North Bent Barrel Road	Sidewinder Rd	To South End of Street	190.78	3.00	60	0	0	0	0	0	100
North Bivouac Trail	Tom Darlington	Carefree Dr	88.84	2.80	64	0	0	0	0	8	100
North Bivouac Trail	Tom Darlington	Carefree Dr	205.09	3.00	60	0	0	0	0	17	100
North Bivouac Trail	Tom Darlington	Carefree Dr	139.23	3.00	60	0	31	0	0	13	100
North Bivouac Trail	Tom Darlington	Carefree Dr	385.77	3.08	72	0	0	0	3	38	100
North Bivouac Trail	Tom Darlington	Carefree Dr	213.37	3.17	72	0	17	0	0	22	100
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	267.36	1.52	92	0	0	0	0	0	52
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	164.61	1.65	85	0	0	0	6	0	59
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	137.78	1.69	94	0	0	0	0	0	69
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	93.76	1.70	94	0	0	0	0	0	70
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	101.90	1.70	94	0	0	0	0	0	70
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	152.64	1.73	85	0	0	0	7	0	67
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	56.49	1.80	94	0	0	0	0	0	80
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	118.78	1.82	93	0	0	0	0	8	18
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	111.32	1.83	94	0	0	0	0	0	75
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	212.58	1.95	90	0	0	0	0	4	86

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	254.95	1.96	83	0	0	0	19	0	77
North Bloody Basin Road	Nonchalant Ave	Cave Creek Rd	206.85	2.00	91	0	0	0	0	1	100
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	63.53	2.00	93	0	0	0	0	2	100
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	128.00	2.00	91	0	0	0	0	6	100
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	116.59	2.00	90	0	0	0	0	2	83
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	74.12	2.00	87	0	0	0	14	0	86
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	128.92	2.07	90	0	0	0	0	11	86
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	207.15	2.18	87	0	0	0	0	21	100
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	111.05	2.25	90	0	0	0	0	4	100
North Bloody Basin Road	Sidewinder Rd	Nonchalant Ave	105.67	2.33	91	0	0	0	0	3	100
North Bloody Basin Road	Nonchalant Ave	Cave Creek Rd	129.40	2.36	89	0	0	0	0	6	100
North Bloody Basin Road	Tom Darlington	Tom Darlington	44.69	2.75	65	0	0	0	0	4	100
North Bloody Basin Road	Tom Darlington	Tom Darlington	41.28	3.00	60	0	0	0	0	0	100
North Bloody Basin Road	Tom Darlington	Sidewinder Rd	74.80	3.00	60	0	13	0	0	3	100
North Derringer Road	Long Rifle Rd	To North End of Street	137.65	2.00	92	0	0	0	0	0	100
North Derringer Road	Long Rifle Rd	To North End of Street	203.67	2.43	80	0	0	0	5	1	95
North Ho Hum Road	Easy St	Ho Rd	160.18	2.00	92	0	0	0	0	12	56
North Ho Hum Road	Ho Rd	Hum Rd	129.76	2.29	88	0	0	0	0	10	71
North Holiday Lane	Carefree Dr	Lazy Burro Rd	828.28	2.89	61	0	2	0	2	77	100
North Holiday Lane	Carefree Dr	Lazy Burro Rd	706.39	3.08	60	1	7	0	1	71	100
North Huff North Puff Place	Breathless Dr	To South End of Street	241.69	2.35	77	0	4	0	0	0	100
North Huff North Puff Place	Breathless Dr	To South End of Street	16.82	3.00	60	0	0	0	0	2	100
North Hum Road	Cave Creek Rd	Cave Creek Rd	23.54	2.00	93	0	0	0	0	2	100
North Hum Road	Ho Rd	Cave Creek Rd	81.82	2.00	93	0	0	0	0	2	100
North Hum Road	Ho Rd	Cave Creek Rd	286.56	2.00	88	0	0	0	0	28	100
North Lazy Burro Road	Holiday Ln	To North End of Street	53.80	2.00	85	0	0	0	20	3	80
North Lazy Burro Road	Carefree Dr	Holiday Ln	68.84	2.00	93	0	0	0	0	8	100
North Lazy Burro Road	Holiday Ln	To North End of Street	185.05	2.05	90	0	0	0	0	16	89
North Lazy Burro Road	Carefree Dr	Holiday Ln	236.41	2.08	87	0	0	0	0	21	100
North Lazy Burro Road	Carefree Dr	Holiday Ln	491.81	2.22	78	0	4	0	4	40	96
North Lazy Burro Road	Holiday Ln	To North End of Street	151.33	2.31	79	0	0	0	6	16	100
North Lazy Burro Road	Holiday Ln	To North End of Street	58.64	2.33	92	0	0	0	0	6	100
North Lazy Burro Road	Holiday Ln	To North End of Street	41.21	2.67	67	0	0	0	0	2	100
North Lazy Burro Road	Carefree Dr	Holiday Ln	177.68	2.71	66	0	0	0	0	17	100
North Lazy Burro Road	Carefree Dr	Holiday Ln	42.59	2.75	65	0	0	0	0	4	100
North Lazy Lane	Long Rifle Rd	Sidewinder Rd	551.83	1.30	92	0	0	0	0	0	28
North Lazy Lane	Long Rifle Rd	Sidewinder Rd	128.58	2.08	92	0	0	0	0	0	100
North Lazy Lane	Long Rifle Rd	Sidewinder Rd	287.23	2.16	88	0	0	0	0	2	94
North Lazy Lane	Long Rifle Rd	Sidewinder Rd	158.70	2.38	91	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Lazy Lane	Long Rifle Rd	Sidewinder Rd	19.67	3.00	60	0	0	0	0	0	100
North Never Mind Trail	Peaceful Pl	Carefree Dr	184.71	1.83	84	0	0	0	11	0	67
North Never Mind Trail	Carefree Dr	Piedra Grande Dr	41.53	2.00	94	0	0	0	0	0	100
North Never Mind Trail	Tom Darlington	Peaceful Pl	231.07	2.35	87	0	0	0	0	22	100
North Never Mind Trail	Tom Darlington	Peaceful Pl	472.95	2.51	70	0	0	0	2	43	96
North Never Mind Trail	Tom Darlington	Peaceful Pl	249.11	2.60	68	0	0	0	0	25	100
North Never Mind Trail	Carefree Dr		112.91	2.73	63	0	9	0	9	5	100
North Never Mind Trail	Peaceful Pl	Carefree Dr	144.81	2.80	64	0	0	0	0	0	100
North Never Mind Trail	Carefree Dr	Piedra Grande Dr	1137.86	2.86	63	0	0	0	0	107	100
North Never Mind Trail	Peaceful Pl	Carefree Dr	581.57	3.00	73	0	7	0	0	39	47
North Sidewinder Road	Lazy Ln	Bloody Basin Rd	440.75	1.32	92	0	0	0	0	0	32
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	33.96	1.33	94	0	0	0	0	0	33
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	259.83	1.52	85	0	0	0	4	0	48
North Sidewinder Road	Bloody Basin Rd	Corner to West	283.15	1.63	90	0	0	0	0	4	59
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	44.01	1.67	94	0	0	0	0	0	67
North Sidewinder Road	Lazy Ln	Bloody Basin Rd	184.01	1.78	92	0	0	0	0	0	78
North Sidewinder Road	Bent Barrel Rd	Lazy Ln	265.35	1.86	83	0	0	0	11	0	75
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	154.45	1.93	92	0	0	0	0	0	93
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	280.69	1.93	88	0	0	0	0	4	90
North Sidewinder Road	Bent Barrel Rd	Lazy Ln	289.27	1.93	88	0	0	0	0	1	90
North Sidewinder Road	Bloody Basin Rd	Corner to West	216.21	1.95	89	0	0	0	0	5	95
North Sidewinder Road	Stagecoach Pass	Long Rifle Rd	334.17	1.97	81	0	0	0	6	7	82
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	219.08	2.00	89	0	0	0	0	4	100
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	63.15	2.00	94	0	0	0	0	0	100
North Sidewinder Road	Stagecoach Pass	Long Rifle Rd	12.66	2.00	94	0	0	0	0	0	100
North Sidewinder Road	Stagecoach Pass	Long Rifle Rd	260.48	2.00	90	0	0	0	0	0	100
North Sidewinder Road	Bloody Basin Rd	Corner to West	55.25	2.00	93	0	0	0	0	4	100
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	184.64	2.00	90	0	0	0	0	14	94
North Sidewinder Road	Long Rifle Rd	Bent Barrel Rd	465.23	2.00	86	0	0	0	0	33	100
North Sidewinder Road	Corner to South	Carefree Dr	197.59	2.05	88	0	0	0	0	15	100
North Sidewinder Road	Corner to South	Carefree Dr	190.72	2.22	89	0	0	0	0	10	100
North Six Gun Place	Long Rifle Rd	To North End of Street	196.54	1.53	94	0	0	0	0	0	53
North Six Gun Place	Long Rifle Rd	To North End of Street	113.06	2.00	91	0	0	0	0	1	100
North Six Gun Place	Long Rifle Rd	To North End of Street	8.96	2.00	94	0	0	0	0	0	100
North Up and Down Place	Nonchalant Ave	To South End of Street	22.73	2.25	92	0	0	0	0	3	100
North Up and Down Place	Nonchalant Ave	To South End of Street	294.21	2.57	69	0	0	0	7	1	100
			Length (feet)	41,844.85	RB Rating	PCI Rating	# Potholes				
			Length (miles)	7.93	2.15	81	1				

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
RANCHITOS DEL RAY											
Cibola Drive	Tumacacori Way	To South End of Street	173.13	2.22	82	0	5	0	0	13	89
East Coronado Trail	Father Kino Trail	Spanish Boot Tr	1023.73	2.00	72	0	0	0	50	7	49
East Coronado Trail	Father Kino Trail	Spanish Boot Tr	303.29	2.17	87	0	0	0	0	27	73
East Montezuma Road	Father Kino Trail	Tumacacori Way	1131.78	2.40	75	0	7	0	4	78	99
North Father Kino Trail	Montezuma Rd	Tumacacori Way	871.75	1.58	89	0	0	0	0	51	22
North Father Kino Trail	Montezuma Rd	Tumacacori Way	599.64	1.77	78	0	0	0	3	37	72
North Father Kino Trail	Montezuma Rd	Tumacacori Way	109.62	1.82	92	0	0	0	0	6	73
North Father Kino Trail	Spanish Boot Rd	Montezuma Rd	1531.95	1.91	71	1	0	0	5	70	77
North Father Kino Trail	Spanish Boot Rd	Coronado Tr	977.27	2.19	73	0	1	0	0	72	89
North Father Kino Trail	Spanish Boot Rd	Coronado Tr	241.66	2.44	79	0	4	0	0	16	100
Spanish Boot Road	Golden Spur Ln	Spanish Boot Tr	583.57	2.05	78	0	0	0	33	41	14
Tumacacori Way	Cibola Dr	Grapevine Rd	14.30	2.00	94	0	0	0	0	0	100
Tumacacori Way	Montezuma Rd	Cibola Dr	1051.82	2.78	71	0	0	0	6	86	94
Tumacacori Way	Cibola Dr	Grapevine Rd	218.06	3.00	60	0	0	0	0	18	100
Tumacacori Way	Cibola Dr	Grapevine Rd	687.67	3.03	59	1	4	0	1	68	100
			Length (feet)	9,519.24	RB Rating	PCI Rating	# Potholes				
			Length (miles)	1.80	2.20	74	2				

SENTINAL ROCK ESTATES											
East Leisure Lane	58th St	Palo Verde Way	334.23	2.97	63	0	9	0	9	34	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	121.58	3.00	60	0	0	0	0	11	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	234.66	3.00	60	0	0	0	0	20	100
East Leisure Lane	Palo Verde Way	Mamie Maude Dr	140.43	3.00	60	0	0	0	0	14	21
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	120.47	3.00	60	0	0	0	8	11	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	117.72	3.00	60	0	0	0	0	12	100
East Leisure Lane	58th St	Palo Verde Way	143.16	3.00	60	0	0	0	0	12	100
East Leisure Lane	Palo Verde Way	Mamie Maude Dr	19.17	3.00	60	0	0	0	0	4	100
East Leisure Lane	58th St	Palo Verde Way	101.22	3.00	60	0	0	0	0	8	100
East Leisure Lane	W of 58th St	58th St	279.26	3.00	60	0	0	0	0	29	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	131.97	3.00	60	0	0	0	0	12	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	23.68	3.00	60	0	0	0	0	1	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	750.04	3.00	73	0	0	0	1	74	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	117.35	3.00	60	0	0	0	0	10	100
East Leisure Lane	Palo Verde Way	Mamie Maude Dr	430.87	3.00	60	0	0	0	0	42	100
East Leisure Lane	Mamie Maude Dr	Sentinal Rock Rd	152.24	3.25	55	0	0	0	0	16	100
East Little Hopi Drive	61st St	NE End of Street	104.88	3.00	60	0	0	0	0	8	100
East Little Hopi Drive	61st St	NE End of Street	348.40	3.09	74	0	20	0	0	31	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Mountain Court	Cul-de-Sac	Cul-de-Sac	162.09	2.57	69	0	0	0	0	14	100
East Mountain Court	Cul-de-Sac	61st St	5.03	3.00	60	0	0	0	0	1	100
East Mountain Court	Cul-de-Sac	61st St	216.54	3.00	60	0	0	0	0	21	95
East Restin Road	60th St	Mamie Maude Dr	273.00	3.00	73	0	12	0	0	26	100
East Restin Road	Mamie Maude Dr	Sentinal Rock Rd	224.14	3.00	60	0	0	0	0	22	100
East Restin Road	Mamie Maude Dr	Sentinal Rock Rd	70.10	3.00	60	0	0	0	0	6	100
East Restin Road	Mamie Maude Dr	Sentinal Rock Rd	15.49	3.00	60	0	0	0	0	2	100
East Restin Road	60th St	Mamie Maude Dr	82.46	3.00	70	0	13	0	13	8	100
East Restin Road	60th St	Mamie Maude Dr	31.13	3.00	60	0	0	0	0	4	100
East Restin Road	Mamie Maude Dr	Sentinal Rock Rd	170.66	3.00	60	0	0	0	41	17	100
East Restin Road	Mamie Maude Dr	Sentinal Rock Rd	169.50	3.00	60	0	0	0	0	17	100
East Restin Road	58th St	60th St	703.95	3.01	72	0	13	0	0	68	100
East Restin Road	60th St	Mamie Maude Dr	554.54	3.30	54	0	29	0	2	56	77
East Restin Road	60th St	Mamie Maude Dr	6.12	4.00	40	0	100	0	0	1	100
East Sentinal Rock Road	Cave Creek Rd	58th St	229.31	2.67	67	0	0	0	0	17	100
East Sentinal Rock Road	Cave Creek Rd	58th St	228.23	2.88	63	0	0	0	0	20	58
East Sentinal Rock Road	Cave Creek Rd	58th St	203.36	2.89	63	0	0	0	0	12	100
East Sentinal Rock Road	Cave Creek Rd	Cave Creek Rd	20.12	3.00	60	0	0	0	0	0	100
East Sentinal Rock Road	Cave Creek Rd	Cave Creek Rd	21.43	3.00	60	0	0	0	0	1	100
East Sentinal Rock Road	Cave Creek Rd	58th St	203.95	3.00	60	0	0	0	0	18	61
East Sentinel Rock Road	N Half Cul-de-Sac	N Half Cul-de-Sac	108.45	2.25	92	0	0	0	0	4	100
East Sentinel Rock Road	Leisure Ln	E of Leisure Ln	101.83	3.00	60	0	0	0	0	9	100
East Sentinel Rock Road	58th St	Cul-de-Sac	556.74	3.00	60	0	0	0	0	55	100
East Sentinel Rock Road	Leisure Ln	E of Leisure Ln	203.30	3.14	58	0	0	0	0	21	100
East Sentinel Rock Road	S Half Cul-de-Sac	S Half Cul-de-Sac	50.32	3.14	58	0	0	0	43	7	100
East Stagecoach Pass	58th St	60th St	487.50	2.13	86	0	0	0	0	6	100
East Stagecoach Pass	Cave Creek Rd	58th St	289.76	2.33	77	0	13	0	10	3	93
North 58th Street	Sentinal Rock Rd	Restin Rd	578.77	2.20	77	0	8	0	0	16	100
North 58th Street	Sentinal Rock Rd	Sentinal Rock Rd	248.69	2.24	88	0	0	0	0	7	100
North 58th Street	Restin Rd	Stagecoach Pass	1015.53	2.61	68	0	0	0	0	6	100
North 58th Street	Leisure Ln	Sentinal Rock Rd	366.50	3.00	60	0	0	0	0	36	100
North 58th Street	South of Leisure Ln	Leisure Ln	356.95	3.00	60	0	0	0	0	39	100
North 58th Street	Sentinal Rock Rd	Sentinal Rock Rd	25.91	3.00	60	0	0	0	0	2	100
North 60th Street	W Half Cul-de-Sac	W Half Cul-de-Sac	92.35	2.25	94	0	0	0	0	0	100
North 60th Street	Restin Rd	Cul-de-Sac	337.18	3.00	60	0	0	0	0	30	100
North 60th Street	61st St	Stagecoach Pass	281.74	3.00	60	0	0	0	0	27	96
North 60th Street	E Half Cul-de-Sac	E Half Cul-de-Sac	66.01	3.00	60	0	0	0	0	1	100
North 61st Street	Mountain Ct	Little Hopi Dr	200.24	2.11	90	0	0	0	0	1	100
North 61st Street	Restin Rd	Mountain Ct	338.11	2.15	88	0	0	0	0	4	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North 61st Street	Little Hopi Dr	60th St	446.38	2.18	86	0	0	0	0	27	53
North 61st Street	Restin Rd	Mountain Ct	54.87	2.20	92	0	0	0	0	5	100
North 61st Street	Restin Rd	Mountain Ct	132.14	2.58	69	0	0	0	0	12	50
North 61st Street	Restin Rd	Mountain Ct	131.43	2.85	63	0	0	0	0	13	69
North 61st Street	Restin Rd	Mountain Ct	54.98	3.00	60	0	0	0	0	5	100
North 61st Street	Restin Rd	Mountain Ct	53.39	3.00	60	0	0	0	0	6	100
North 61st Street	Restin Rd	Mountain Ct	25.37	3.00	60	0	0	0	0	4	100
North 61st Street	Restin Rd	Mountain Ct	73.98	3.00	60	0	0	0	0	6	100
North 61st Street	Restin Rd	Mountain Ct	73.08	3.14	58	0	0	0	14	7	100
North 61st Street	Restin Rd	Mountain Ct	197.00	3.33	57	0	14	0	5	21	100
North Mamie Maude Drive	Screaming Eagle Pass	Restin Rd	81.25	2.88	63	0	0	0	0	8	100
North Mamie Maude Drive	Leisure Ln	Screaming Eagle Pass	100.48	3.00	60	0	0	0	0	10	100
North Mamie Maude Drive	Screaming Eagle Pass	Restin Rd	124.53	3.00	60	0	0	0	0	12	92
North Mamie Maude Drive	Leisure Ln	Screaming Eagle Pass	136.26	3.00	60	0	0	0	0	13	100
North Mamie Maude Drive	Leisure Ln	Screaming Eagle Pass	164.84	3.00	60	0	0	0	0	17	100
North Mamie Maude Drive	Screaming Eagle Pass	Restin Rd	449.23	3.00	60	0	0	0	0	46	100
North Mamie Maude Drive	Leisure Ln	Screaming Eagle Pass	102.20	3.00	60	0	0	0	0	11	82
North Mamie Maude Drive	Screaming Eagle Pass	Restin Rd	123.28	3.00	60	0	0	0	0	13	100
North Screaming Eagle Pass	Mamie Maude Dr	To North End of Street	268.32	3.00	60	0	0	0	0	28	100
Palo Verde Way	SW Half Cul-de-Sac	SW Half Cul-de-Sac	89.38	2.55	69	0	0	0	45	11	100
Palo Verde Way	Cul-de-Sac	Leisure Ln	120.72	3.00	60	0	0	0	0	13	100
Palo Verde Way	Cul-de-Sac	Leisure Ln	214.79	3.00	60	0	0	0	0	21	81
Palo Verde Way	Cul-de-Sac	Leisure Ln	90.11	3.00	60	0	0	0	0	9	100
Palo Verde Way	Cul-de-Sac	Leisure Ln	122.86	3.00	60	0	0	0	0	13	92
Palo Verde Way	NE Half Cul-de-Sac	NE Half Cul-de-Sac	63.19	3.40	52	0	40	0	0	5	100
			Length (feet)	16,462.42	RB Rating	PCI Rating	# Potholes				
			Length (miles)	3.12	2.84	67	0				

STANDALONE STREET - CANYON RIDGE DRIVE											
Canyon Ridge Drive	Canyon Crossing Dr	Cave Creek Rd	126.11	2.00	91	0	0	0	0	3	100
Canyon Ridge Drive	Cave Creek Rd	Cave Creek Rd	19.67	2.00	85	0	0	0	50	1	50
Canyon Ridge Drive	Cave Creek Rd	Cave Creek Rd	21.45	2.00	81	0	0	0	33	2	67
Canyon Ridge Drive	Canyon Crossing Dr	Cave Creek Rd	128.82	2.31	84	0	0	0	8	0	100
Canyon Ridge Drive	Canyon Ridge North Dr	Canyon Crossing Dr	387.01	2.56	69	0	0	0	0	3	100
Canyon Ridge Drive	Canyon Crossing Dr	Cave Creek Rd	149.15	3.00	60	0	7	0	0	1	100
Canyon Ridge Drive	Canyon Crossing Dr	Cave Creek Rd	25.45	3.00	60	0	0	0	0	2	100
			Length (feet)	857.66	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.16	2.50	73	0				

PAVEMENT CONDITION RATINGS												
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long	
STANDALONE STREET - CELESTIAL STREET												
Celestial Street	Tranquil Tr	80th St	114.52	2.00	82	0	0	0	83	0	92	
Celestial Street	Tranquil Tr	80th St	109.02	2.00	82	0	0	0	100	0	100	
Celestial Street	Tranquil Tr	80th St	160.86	2.00	82	0	0	0	94	0	100	
Celestial Street	Tranquil Tr	80th St	567.49	2.03	73	2	0	0	12	6	86	
Celestial Street	Tranquil Tr	80th St	107.41	2.08	92	0	0	0	0	0	100	
Celestial Street	Tranquil Tr	80th St	270.29	2.11	82	0	0	0	19	0	100	
Celestial Street	Tranquil Tr	80th St	293.45	2.29	79	0	0	0	10	0	100	
Celestial Street	Tranquil Tr	80th St	885.30	2.64	53	6	0	0	85	0	100	
Celestial Street	Tranquil Tr	80th St	15.80	3.00	60	0	0	0	100	0	0	
Celestial Street	Tranquil Tr	80th St	29.93	3.00	60	0	0	0	0	0	100	
Celestial Street	Tranquil Tr	80th St	28.28	3.33	61	1	0	0	33	0	100	
			Length (feet)	2,582.35	RB Rating	PCI Rating	# Potholes					
			Length (miles)	0.49	2.31	70	9					

STANDALONE STREET - CAVE CREEK ROAD											
East Cave Creek Road	Pima Rd	Milky Way	758.72	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Tree Lined Tr	Desert Mountain Pkwy	1490.36	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Pima Rd	Milky Way	9.95	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Milky Way	Northview Ln	128.76	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Pima Rd	Milky Way	262.12	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Sundance Tr	Hum Rd	57.01	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Twilight Tr	Tree Lined Tr	235.81	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Twilight Tr	Tree Lined Tr	222.37	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Northview Ln	Twilight Tr	15.63	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Tree Lined Tr	Desert Mountain Pkwy	315.64	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Twilight Tr	Tree Lined Tr	939.81	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Twilight Tr	Tree Lined Tr	756.91	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Milky Way	Northview Ln	45.48	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Northview Ln	Twilight Tr	17.49	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Pima Rd	Milky Way	220.89	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Pima Rd	Milky Way	452.85	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Desert Mountain Pkwy	Desert Mountain Pkwy	57.31	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Pima Rd	Milky Way	248.58	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Northview Ln	Twilight Tr	99.04	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Tree Lined Tr	Desert Mountain Pkwy	252.88	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Northview Ln	Twilight Tr	183.94	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Twilight Tr	Tree Lined Tr	120.75	1.00	100	0	0	0	0	0	0
East Cave Creek Road	Milky Way	Northview Ln	164.91	1.00	100	0	0	0	0	0	0

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Cave Creek Road	Pima Rd	Milky Way	365.63	1.03	94	0	0	0	0	0	3
East Cave Creek Road	Tree Lined Tr	Desert Mountain Pkwy	632.98	1.06	87	0	0	0	3	0	3
East Cave Creek Road	Pima Rd	Milky Way	154.65	1.07	94	0	0	0	0	0	7
East Cave Creek Road	Pima Rd	Milky Way	231.40	1.08	94	0	0	0	0	0	8
East Cave Creek Road	Northview Ln	Twilight Tr	526.20	1.12	92	0	0	0	0	0	6
East Cave Creek Road	Northview Ln	Twilight Tr	258.04	1.13	93	0	0	0	0	2	13
East Cave Creek Road	Tree Lined Tr	Desert Mountain Pkwy	818.99	1.14	92	0	0	0	0	0	14
East Cave Creek Road	Pima Rd	Milky Way	67.17	1.17	94	0	0	0	0	0	17
East Cave Creek Road	Pima Rd	Milky Way	296.50	1.19	92	0	0	0	0	2	15
East Cave Creek Road	Milky Way	Northview Ln	337.74	1.27	87	0	0	0	3	0	24
East Cave Creek Road	Hum Rd	Carefree Dr	321.36	1.52	92	0	0	0	0	0	41
East Cave Creek Road	Scopa Tr	Sundance Tr	185.12	1.53	92	0	0	0	0	0	53
East Cave Creek Road	Scopa Tr	Tom Darlington	28.43	1.67	94	0	0	0	0	0	67
East Cave Creek Road	Hum Rd	Carefree Dr	106.69	1.73	93	0	0	0	0	8	73
East Cave Creek Road	Elbow Bend Rd	Tranquil Tr	393.75	1.85	82	0	0	0	2	0	80
East Cave Creek Road	Primrose Path	Long Rifle Rd	425.91	1.95	76	0	0	0	2	3	88
East Cave Creek Road	Grapevine Rd	Scopa Tr	332.00	2.00	88	0	0	0	0	23	82
East Cave Creek Road	Desert Mountain Pkwy	Desert Mountain Pkwy	56.97	2.00	93	0	0	0	0	1	100
East Cave Creek Road	Windmill Rd	Pima Rd	235.76	2.00	83	0	0	0	4	0	96
East Cave Creek Road	Hum Rd	Carefree Dr	249.32	2.00	90	0	0	0	0	0	77
East Cave Creek Road	Tom Darlington	Hum Rd	53.47	2.00	94	0	0	0	0	0	100
East Cave Creek Road	Scopa Tr	Tom Darlington	141.11	2.00	92	0	0	0	0	0	100
East Cave Creek Road	Elbow Bend Rd	Tranquil Tr	71.87	2.00	94	0	0	0	0	0	100
East Cave Creek Road	Sundance Tr	Hum Rd	160.28	2.00	91	0	0	0	0	4	100
East Cave Creek Road	Sunshine Wy	Elbow Bend Rd	105.17	2.00	92	0	0	0	0	0	100
East Cave Creek Road	Tom Darlington	Tom Darlington	42.81	2.00	94	0	0	0	0	0	100
East Cave Creek Road	Tom Darlington	Hum Rd	68.89	2.00	93	0	0	0	0	6	100
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	323.10	2.00	89	0	0	0	0	7	100
East Cave Creek Road	Sundance Tr	Hum Rd	182.99	2.00	91	0	0	0	0	8	100
East Cave Creek Road	Carefree Dr	Sunshine Wy	386.20	2.00	89	0	0	0	0	4	87
East Cave Creek Road	Twilight Tr	Tree Lined Tr	41.97	2.00	94	0	0	0	0	0	100
East Cave Creek Road	Carefree Dr	Sunshine Wy	88.49	2.00	92	0	0	0	0	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	1128.00	2.00	84	0	0	0	0	10	100
East Cave Creek Road	Auto Plane Dr	Windmill Rd	253.08	2.00	90	0	0	0	0	0	100
East Cave Creek Road	Sundance Tr	Hum Rd	83.03	2.00	93	0	0	0	0	4	100
East Cave Creek Road	W of Scopa Tr	Scopa Tr	82.38	2.00	94	0	0	0	0	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	140.67	2.00	91	0	0	0	0	6	100
East Cave Creek Road	Mule Train Rd	Auto Plane Dr	242.06	2.00	89	0	0	0	0	1	100
East Cave Creek Road	Auto Plane Dr	Windmill Rd	210.07	2.00	90	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Cave Creek Road	Windmill Rd	Pima Rd	299.58	2.00	90	0	0	0	0	0	100
East Cave Creek Road	Sunshine Wy	Elbow Bend Rd	423.74	2.02	88	0	0	0	0	0	100
East Cave Creek Road	Tranquil Tr	Primrose Path	1201.71	2.03	71	1	0	0	1	3	100
East Cave Creek Road	Sundance Tr	Hum Rd	226.72	2.04	87	0	0	0	0	24	100
East Cave Creek Road	Auto Plane Dr	Windmill Rd	1363.30	2.04	84	0	0	0	0	4	100
East Cave Creek Road	Hum Rd	Carefree Dr	171.99	2.06	92	0	0	0	0	0	100
East Cave Creek Road	Sunshine Wy	Elbow Bend Rd	350.30	2.06	88	0	0	0	0	1	100
East Cave Creek Road	Mule Train Rd	Auto Plane Dr	641.36	2.06	86	0	0	0	0	13	100
East Cave Creek Road	Windmill Rd	Pima Rd	130.88	2.07	92	0	0	0	0	0	100
East Cave Creek Road	Elbow Bend Rd	Tranquil Tr	110.19	2.09	90	0	0	0	0	3	100
East Cave Creek Road	Windmill Rd	Pima Rd	483.28	2.10	73	2	0	0	0	0	98
East Cave Creek Road	Scopa Tr	Sundance Tr	305.35	2.10	80	0	0	0	3	0	100
East Cave Creek Road	Carefree Dr	Sunshine Wy	292.31	2.12	90	0	0	0	0	0	83
East Cave Creek Road	Scopa Tr	Tom Darlington	293.13	2.13	80	0	0	0	7	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	362.97	2.13	88	0	0	0	0	2	100
East Cave Creek Road	Auto Plane Dr	Windmill Rd	1588.11	2.14	84	0	0	0	0	17	100
East Cave Creek Road	Tranquil Tr	Primrose Path	119.40	2.15	92	0	0	0	0	0	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	174.12	2.17	90	0	0	0	0	1	100
East Cave Creek Road	Skyranch Aircraft Storage	Pima Rd	131.49	2.17	90	0	0	0	0	4	100
East Cave Creek Road	Mule Train Rd	Auto Plane Dr	672.84	2.18	88	0	0	0	0	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	837.69	2.19	84	0	0	0	0	8	100
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	552.62	2.20	88	0	0	0	0	0	100
East Cave Creek Road	Tranquil Tr	Primrose Path	1198.97	2.21	61	1	1	0	2	2	100
East Cave Creek Road	Sunshine Wy	Elbow Bend Rd	191.84	2.21	92	0	0	0	0	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	215.65	2.22	90	0	0	0	0	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	415.50	2.26	89	0	0	0	0	0	91
East Cave Creek Road	Primrose Path	Long Rifle Rd	637.73	2.28	57	2	3	0	3	4	100
East Cave Creek Road	Windmill Rd	Pima Rd	245.08	2.28	89	0	0	0	0	0	100
East Cave Creek Road	Scopa Tr	Sundance Tr	167.06	2.29	91	0	0	0	0	0	88
East Cave Creek Road	Auto Plane Dr	Windmill Rd	110.17	2.30	81	0	20	0	0	3	100
East Cave Creek Road	Scopa Tr	Sundance Tr	134.99	2.38	91	0	0	0	0	0	100
East Cave Creek Road	Mule Train Rd	Auto Plane Dr	272.24	2.41	87	0	0	0	0	2	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	160.13	2.44	90	0	0	0	0	1	100
East Cave Creek Road	Tranquil Tr	Primrose Path	129.83	2.50	70	0	0	0	0	0	100
East Cave Creek Road	Windmill Rd	Pima Rd	989.16	2.55	69	0	0	0	0	8	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	126.59	2.57	69	0	0	0	0	2	100
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	196.75	2.58	69	0	0	0	5	0	100
East Cave Creek Road	Sundance Tr	Hum Rd	103.07	2.67	67	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	99.35	2.67	67	0	0	0	0	2	100
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	460.00	2.74	65	0	0	0	0	0	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	173.19	2.76	65	0	0	0	0	5	100
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	348.15	2.81	63	1	3	0	8	0	100
East Cave Creek Road	Scopa Tr	Sundance Tr	145.81	2.81	64	0	0	0	6	0	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	172.98	2.83	64	0	0	0	0	2	100
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	159.57	2.88	63	0	0	0	0	0	100
East Cave Creek Road	Desert Mountain Pkwy	Mirable Club Dr	349.89	2.89	61	0	8	0	14	32	92
East Cave Creek Road	Long Rifle Rd	Mule Train Rd	152.88	3.00	60	0	0	0	0	0	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	327.80	3.00	58	1	3	0	12	6	100
East Cave Creek Road	Scopa Tr	Sundance Tr	112.08	3.00	60	0	0	0	0	2	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	29.64	3.00	60	0	0	0	0	0	100
East Cave Creek Road	Primrose Path	Long Rifle Rd	33.98	3.00	60	0	0	0	0	0	100
East Cave Creek Road	Desert Mountain Pkwy	Mirable Club Dr	1040.93	3.06	55	1	11	0	14	2	98
East Cave Creek Road	Elbow Bend Rd	Tranquil Tr	466.15	3.06	57	0	20	0	12	9	100
East Cave Creek Road	Elbow Bend Rd	Tranquil Tr	114.56	3.08	66	0	8	0	17	0	100
		Length (feet)	37,102.26	RB Rating	PCI Rating	# Potholes					
		Length (miles)	7.03	1.90	84	9					

STANDALONE STREET - GRAPEVINE ROAD											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Grapevine Road	N Grapevine Rd	Tamayo St	593.01	2.00	88	0	0	0	0	0	100
East Grapevine Road	N Grapevine Rd	Tamayo St	984.38	2.11	75	0	0	0	30	0	74
East Grapevine Road	Tamayo St	East of Tamayo St	1722.56	2.22	70	3	0	0	45	10	60
East Grapevine Road	N Grapevine Rd	Tamayo St	1794.78	2.31	70	2	0	0	58	0	100
East Grapevine Road	N Grapevine Rd	Tamayo St	28.30	2.67	67	0	0	0	60	0	60
		Length (feet)	5,123.03	RB Rating	PCI Rating	# Potholes					
		Length (miles)	0.97	2.21	73	5					

STANDALONE STREET - HORIZON DRIVE											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Horizon Drive	Tranquil Tr	East of Tranquil Tr	533.84	2.25	75	0	0	0	26	4	96
East Horizon Drive	Tranquil Tr	East of Tranquil Tr	541.29	2.44	75	0	2	0	12	17	100
East Horizon Drive	Tranquil Tr	East of Tranquil Tr	543.76	2.48	72	1	0	0	7	8	100
East Horizon Drive	Tranquil Tr	East of Tranquil Tr	215.19	2.59	74	0	0	0	14	4	100
East Horizon Drive	Tranquil Tr	East of Tranquil Tr	96.67	2.90	62	0	0	0	30	3	100
East Horizon Drive	Tranquil Tr	East of Tranquil Tr	235.63	3.29	55	1	0	0	50	4	100
		Length (feet)	2,166.38	RB Rating	PCI Rating	# Potholes					
		Length (miles)	0.41	2.53	71	2					

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
STANDALONE STREET - NEW RIVER ROAD											
East New River Road	Galvin St	Cave Creek Rd	307.04	2.10	88	0	0	0	0	3	100
East New River Road	Galvin St	Cave Creek Rd	342.77	2.56	69	0	0	0	0	0	100
			Length (feet)	649.81	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.12	2.34	78	0				
STANDALONE STREET - SCOPA TRAIL											
East Scopa Trail	Curve to East	Grapevine Rd	323.75	3.79	54	0	39	0	64	0	100
East Scopa Trail	Curve to East	Grapevine Rd	119.51	4.00	40	0	100	0	0	0	100
East Scopa Trail	Curve to East	Grapevine Rd	680.60	4.00	46	0	93	0	24	10	100
East Scopa Trail	Curve to East	Grapevine Rd	46.18	4.17	37	0	100	0	17	0	100
			Length (feet)	1,170.04	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.22	3.95	47	0				
STANDALONE STREET - STAGECOACH PASS											
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	201.87	1.16	94	0	0	0	0	0	16
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	152.64	1.29	94	0	0	0	0	0	29
East Stagecoach Pass	Sidewinder Rd	Mule Train Rd	478.82	1.29	85	0	0	0	6	3	17
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	356.29	1.36	91	0	0	0	0	4	36
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	831.82	1.40	90	0	0	0	0	0	40
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	143.40	1.56	87	0	0	0	19	0	38
East Stagecoach Pass	Sidewinder Rd	Mule Train Rd	140.55	1.57	94	0	0	0	0	0	57
East Stagecoach Pass	Sidewinder Rd	Mule Train Rd	515.68	1.63	78	0	0	0	4	2	58
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	819.34	1.74	75	0	0	0	6	0	61
East Stagecoach Pass	Sidewinder Rd	Mule Train Rd	1301.65	1.82	77	0	0	0	1	9	79
East Stagecoach Pass	Tom Darlington	Sidewinder Rd	139.34	2.00	87	0	0	0	36	0	64
East Stagecoach Pass	Sidewinder Rd	Mule Train Rd	111.76	2.00	92	0	0	0	0	0	100
East Stagecoach Pass	Mule Train Rd	East of Mule Train Rd	634.00	2.10	76	0	0	0	3	5	99
East Stagecoach Pass	Carefree Hwy	El Sendero Rd	331.62	2.29	77	0	3	0	3	35	100
East Stagecoach Pass	Paceful Pl	Tom Darlington	367.67	2.57	69	0	0	0	0	37	100
East Stagecoach Pass	Carefree Hwy	El Sendero Rd	161.69	2.59	69	0	0	0	0	17	100
East Stagecoach Pass	Carefree Hwy	El Sendero Rd	202.22	2.75	65	0	0	0	0	20	95
East Stagecoach Pass	Languid Ln	Leisure Ln	674.35	2.84	64	0	0	0	0	69	100
East Stagecoach Pass	Carefree Hwy	El Sendero Rd	519.17	2.85	63	0	0	0	0	53	100
East Stagecoach Pass	Languid Ln	Leisure Ln	329.50	2.91	62	0	0	0	0	34	100
East Stagecoach Pass	Meander Wy	Paceful Pl	327.14	2.94	62	0	0	0	0	32	100
East Stagecoach Pass	Carefree Hwy	El Sendero Rd	358.78	2.94	61	0	0	0	3	30	100
East Stagecoach Pass	El Sendero	Languid Ln	818.88	2.98	61	0	0	0	0	85	100

PAVEMENT CONDITION RATINGS												
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long	
East Stagecoach Pass	Meander Wy	Paceful Pl	129.48	3.00	60	0	0	0	0	13	100	
East Stagecoach Pass	Restin Rd	Meander Wy	255.56	3.00	60	0	0	0	0	26	73	
East Stagecoach Pass	El Sendero	Languid Ln	71.86	3.00	60	0	0	0	0	6	100	
East Stagecoach Pass	Restin Rd	Meander Wy	23.76	3.00	60	0	0	0	100	3	100	
East Stagecoach Pass	Restin Rd	Meander Wy	96.91	3.00	60	0	0	0	0	10	100	
East Stagecoach Pass	Restin Rd	Meander Wy	208.24	3.00	60	0	0	0	0	21	100	
East Stagecoach Pass	Restin Rd	Meander Wy	61.07	3.00	60	0	0	0	0	7	100	
East Stagecoach Pass	Restin Rd	Meander Wy	165.33	3.00	60	0	0	0	0	18	100	
East Stagecoach Pass	Carefree Hwy	El Sendero Rd	68.60	3.00	60	0	0	0	0	6	100	
East Stagecoach Pass	Restin Rd	Meander Wy	107.49	3.00	60	0	0	0	0	10	100	
East Stagecoach Pass	Languid Ln	Leisure Ln	90.17	3.00	60	0	0	0	0	7	100	
East Stagecoach Pass	Restin Rd	Meander Wy	58.68	3.00	60	0	0	0	0	5	100	
East Stagecoach Pass	Sidewinder Rd	Mule Train Rd	67.99	3.00	60	0	0	0	0	6	100	
East Stagecoach Pass	Restin Rd	Meander Wy	214.07	3.00	60	0	0	0	0	22	100	
East Stagecoach Pass	Leisure Ln	Restin Rd	695.69	3.00	60	0	0	0	0	73	100	
			Length (feet)	12,233.08	RB Rating	PCI Rating	# Potholes					
			Length (miles)	2.32	2.29	72	0					

STANDALONE STREET - GRAPEVINE ROAD												
Grapevine Road	Town Limits	Tubac Tr	92.70	2.00	85	0	0	0	70	0	100	
Grapevine Road	Town Limits	Tubac Tr	800.27	2.06	73	0	0	0	70	0	98	
Grapevine Road	Town Limits	Tubac Tr	487.37	2.10	73	0	0	0	39	2	100	
			Length (feet)	1,380.34	RB Rating	PCI Rating	# Potholes					
			Length (miles)	0.26	2.07	74	0					

STANDALONE STREET - 80TH STREET												
North 80th Street	Celestial St	Rising Sun Rd	82.83	2.82	64	0	0	0	27	0	100	
North 80th Street	Celestial St	Rising Sun Rd	591.91	2.92	68	0	0	0	33	2	100	
			Length (feet)	674.74	RB Rating	PCI Rating	# Potholes					
			Length (miles)	0.13	2.91	68	0					

STANDALONE STREET - NORTH CAVE CREEK ROAD											
North Cave Creek Road	Carefree Hwy	Perdido Dr	396.81	1.00	100	0	0	0	0	0	0
North Cave Creek Road	Perdido Dr	Perdido Dr	94.55	1.00	100	0	0	0	0	0	0
North Cave Creek Road	Carefree Hwy	Perdido Dr	499.82	1.02	99	0	0	0	0	1	0
North Cave Creek Road	Perdido Dr	El Sendero	230.13	1.04	94	0	0	0	0	0	4
North Cave Creek Road	Carefree Hwy	Perdido Dr	134.51	1.14	93	0	0	0	14	0	0

PAVEMENT CONDITION RATINGS												
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long	
North Cave Creek Road	Canyon Ridge Rd	Stagecoach Pass	1609.39	1.19	88	0	0	0	0	6	17	
North Cave Creek Road	Carefree Hwy	Perdido Dr	56.44	1.25	99	0	0	0	0	1	0	
North Cave Creek Road	Carefree Hwy	Perdido Dr	234.74	1.50	91	0	0	0	0	1	38	
North Cave Creek Road	Carefree Hwy	Perdido Dr	382.97	1.58	90	0	0	0	0	3	45	
North Cave Creek Road	New River Rd	Canyon Ridge Dr	788.82	1.61	87	0	0	0	0	2	61	
North Cave Creek Road	Carefree Hwy	Perdido Dr	139.02	1.69	92	0	0	0	0	0	69	
North Cave Creek Road	El Sendero	New River Rd	1095.72	1.87	84	0	0	0	0	2	86	
North Cave Creek Road	New River Rd	Canyon Ridge Dr	132.19	2.00	91	0	0	0	0	1	100	
North Cave Creek Road	Canyon Ridge Rd	Canyon Ridge Dr	34.68	2.00	93	0	0	0	0	2	100	
North Cave Creek Road	New River Rd	Canyon Ridge Dr	43.56	2.00	94	0	0	0	0	0	100	
North Cave Creek Road	Sentinal Rock Rd	Sentinal Rock Rd	30.63	2.00	93	0	0	0	0	1	100	
North Cave Creek Road	New River Rd	Canyon Ridge Dr	205.91	2.09	79	0	0	0	5	0	86	
North Cave Creek Road	Canyon Ridge Rd	Stagecoach Pass	177.48	2.11	90	0	0	0	0	8	100	
North Cave Creek Road	Carefree Hwy	Perdido Dr	966.92	2.20	84	0	0	0	0	9	100	
North Cave Creek Road	Carefree Hwy	Perdido Dr	125.54	2.43	91	0	0	0	0	0	100	
North Cave Creek Road	Carefree Hwy	Perdido Dr	453.03	2.62	68	0	0	0	0	1	100	
North Cave Creek Road	New River Rd	Canyon Ridge Dr	817.47	2.64	73	0	0	0	4	7	98	
North Cave Creek Road	El Sendero	New River Rd	899.51	2.69	62	0	1	0	6	14	100	
North Cave Creek Road	El Sendero	New River Rd	166.32	2.76	65	0	0	0	41	0	100	
North Cave Creek Road	El Sendero	New River Rd	28.10	3.00	60	0	0	0	0	0	100	
North Cave Creek Road	Carefree Hwy	Perdido Dr	274.64	3.00	59	1	0	0	3	4	100	
			Length (feet)	10,018.90	RB Rating	PCI Rating	# Potholes					
			Length (miles)	1.90	1.87	83	1					

STANDALONE STREET - NORTH GRAPEVINE ROAD												
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long	
North Grapevine Road	Scopa Tr	Horizon Dr	127.36	3.00	60	0	0	0	0	0	100	
North Grapevine Road	Scopa Tr	Horizon Dr	423.34	3.55	53	0	36	0	23	9	100	
North Grapevine Road	Scopa Tr	Horizon Dr	208.93	3.73	47	1	77	0	32	0	100	
North Grapevine Road	Scopa Tr	Horizon Dr	117.60	4.00	40	0	91	0	18	0	100	
			Length (feet)	877.23	RB Rating	PCI Rating	# Potholes					
			Length (miles)	0.17	3.57	51	1					

STANDALONE STREET - MULE TRAIN ROAD											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Mule Train Road	Cave Creek Rd	Primrose Path	26.43	1.00	100	0	0	0	0	0	0
North Mule Train Road	Primrose Path	Rambling Rd	308.90	1.00	100	0	0	0	0	0	0
North Mule Train Road	Cave Creek Rd	Primrose Path	602.56	1.00	100	0	0	0	0	0	0
North Mule Train Road	Primrose Path	Rambling Rd	27.36	1.00	100	0	0	0	0	0	0
North Mule Train Road	Primrose Path	Rambling Rd	555.35	1.07	94	0	0	0	0	0	7

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Mule Train Road	Rambling Rd	Carefree Dr	120.79	1.08	94	0	0	0	0	0	8
North Mule Train Road	Rambling Rd	Carefree Dr	214.07	1.18	94	0	0	0	0	0	18
North Mule Train Road	Rambling Rd	Carefree Dr	293.24	1.24	94	0	0	0	0	0	24
North Mule Train Road	Rambling Rd	Carefree Dr	91.90	1.33	94	0	0	0	0	0	33
North Mule Train Road	Breathless Dr	Cave Creek Rd	274.75	1.39	91	0	0	0	0	1	39
North Mule Train Road	Cave Creek Rd	Primrose Path	256.45	1.41	92	0	0	0	0	3	32
North Mule Train Road	Breathless Dr	Cave Creek Rd	135.19	1.50	92	0	0	0	0	1	43
North Mule Train Road	Rambling Rd	Carefree Dr	152.86	1.59	92	0	0	0	0	0	59
North Mule Train Road	Stagecoach Pass	Breathless Dr	626.27	1.63	87	0	0	0	0	25	61
North Mule Train Road	Rambling Rd	Carefree Dr	121.96	1.73	94	0	0	0	0	0	73
North Mule Train Road	Rambling Rd	Carefree Dr	146.21	1.79	92	0	0	0	0	0	79
North Mule Train Road	Rambling Rd	Carefree Dr	107.51	1.89	93	0	0	0	0	3	80
North Mule Train Road	Rambling Rd	Carefree Dr	32.64	2.00	94	0	0	0	0	0	100
North Mule Train Road	Rambling Rd	Carefree Dr	66.91	2.00	94	0	0	0	0	0	100
		Length (feet)	4,161.35	RB Rating	PCI Rating	# Potholes					
		Length (miles)	0.79	1.32	94	0					

STANDALONE STREET - NEVER MIND TRAIL											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Never Mind Trail	Curve to North	North of Curve	154.15	2.82	64	0	0	0	8	5	85
North Never Mind Trail	Piedra Grande Dr	Curve to North	798.40	2.99	67	0	12	0	0	81	100
North Never Mind Trail	Curve to the East	Piedra Grande Dr	22.95	3.00	60	0	0	0	0	1	100
North Never Mind Trail	Piedra Grande Dr	Curve to North	202.65	3.00	60	0	0	0	0	20	100
North Never Mind Trail	Curve to North	North of Curve	556.13	3.04	71	0	7	0	0	51	100
		Length (feet)	1,734.28	RB Rating	PCI Rating	# Potholes					
		Length (miles)	0.33	2.99	67	0					

STANDALONE STREET - PIMA ROAD											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Pima Road	Cave Creek Rd	Short Putt Pl	100.83	1.00	100	0	0	0	0	0	0
North Pima Road	Cave Creek Rd	Short Putt Pl	418.91	1.00	100	0	0	0	0	0	0
North Pima Road	Cave Creek Rd	Short Putt Pl	128.81	1.00	100	0	0	0	0	0	0
North Pima Road	Cave Creek Rd	Short Putt Pl	403.35	1.00	100	0	0	0	0	0	0
North Pima Road	Cave Creek Rd	Short Putt Pl	312.40	1.10	94	0	0	0	0	0	10
North Pima Road	Cave Creek Rd	Short Putt Pl	128.78	1.21	94	0	0	0	0	0	21
North Pima Road	Cave Creek Rd	Short Putt Pl	315.94	1.33	92	0	0	0	0	3	27
North Pima Road	Short Putt Pl	Carefree Dr	420.34	1.50	89	0	0	0	0	6	34
North Pima Road	Stagecoach Pass	Cave Creek Rd	180.04	1.89	92	0	0	0	0	0	89
North Pima Road	Stagecoach Pass	Cave Creek Rd	86.44	2.00	94	0	0	0	0	0	100
North Pima Road	Stagecoach Pass	Cave Creek Rd	108.91	2.00	94	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Pima Road	Cave Creek Rd	Short Putt Pl	37.14	2.00	94	0	0	0	0	0	100
North Pima Road	Stagecoach Pass	Cave Creek Rd	253.23	2.00	89	0	0	0	0	2	100
North Pima Road	Stagecoach Pass	Cave Creek Rd	148.30	2.00	92	0	0	0	0	0	100
North Pima Road	Stagecoach Pass	Cave Creek Rd	33.99	2.00	94	0	0	0	0	0	100
North Pima Road	Stagecoach Pass	Cave Creek Rd	348.41	2.03	88	0	0	0	0	2	100
North Pima Road	Stagecoach Pass	Cave Creek Rd	140.29	2.06	92	0	0	0	0	0	100
North Pima Road	Chas Blair Macdonald	N of Chas Blair Macdonald	192.29	2.10	78	0	0	0	10	8	100
North Pima Road	Carefree Dr	Double Eagle Rd	471.97	2.13	78	0	0	0	4	31	56
North Pima Road	Stagecoach Pass	Cave Creek Rd	134.86	2.25	89	0	0	0	0	4	92
North Pima Road	Stagecoach Pass	Cave Creek Rd	194.11	2.26	82	0	0	0	5	2	100
North Pima Road	Double Eagle Rd	Chas Blair Macdonald	134.52	2.36	90	0	0	0	0	9	100
North Pima Road	Double Eagle Rd	Chas Blair Macdonald	296.37	2.66	67	0	0	0	0	29	55
North Pima Road	Short Putt Pl	Carefree Dr	184.73	2.76	64	0	6	0	12	15	100
North Pima Road	Carefree Dr	Double Eagle Rd	52.35	3.00	60	0	0	0	0	4	100
		Length (feet)	5,227.31	RB Rating	PCI Rating	# Potholes					
		Length (miles)	0.99	1.76	88	0					

STANDALONE STREET - NORTH SCOPA TRAIL											
North Scopa Trail	Cave Creek Rd	Curve to East	270.38	2.97	56	2	0	0	7	10	100
North Scopa Trail	Cave Creek Rd	Curve to East	191.83	3.89	43	1	79	0	68	8	100
		Length (feet)	462.21	RB Rating	PCI Rating	# Potholes					
		Length (miles)	0.09	3.35	51	3					

STANDALONE STREET - TOM DARLINGTON DRIVE											
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	132.71	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Long Rifle Rd	Bivouac Tr	253.75	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	381.66	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Wampum Way	Lucky Ln	24.94	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Wampum Way	Lucky Ln	62.12	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Lucky Ln	Ho Rd	52.81	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	25.41	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	591.87	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	166.61	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Carefree Dr	Wampum Way	146.42	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	1434.36	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Carefree Dr	Wampum Way	77.44	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Carefree Dr	Wampum Way	119.50	1.00	100	0	0	0	0	0	0

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	131.63	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Carefree Dr	Wampum Way	42.76	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	288.83	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Wampum Way	Lucky Ln	114.39	1.00	100	0	0	0	0	0	0
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	202.84	1.05	94	0	0	0	0	0	5
North Tom Darlington Drive	Carefree Dr	Wampum Way	192.89	1.05	94	0	0	0	0	0	5
North Tom Darlington Drive	Never Mind Tr	Long Rifle Rd	334.44	1.09	94	0	0	0	0	0	9
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	207.32	1.10	94	0	0	0	0	0	10
North Tom Darlington Drive	Leisure Ln	Meander Wy	580.89	1.12	91	0	0	0	0	2	8
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	160.86	1.13	94	0	0	0	0	0	13
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	282.12	1.14	94	0	0	0	0	0	14
North Tom Darlington Drive	Long Rifle Rd	Bivouac Tr	80.42	1.14	94	0	0	0	0	0	14
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	282.52	1.14	93	0	0	0	0	2	14
North Tom Darlington Drive	Carefree Dr	Wampum Way	155.54	1.15	92	0	0	0	0	0	6
North Tom Darlington Drive	Carefree Dr	Wampum Way	115.02	1.18	94	0	0	0	0	0	18
North Tom Darlington Drive	Wampum Way	Lucky Ln	53.82	1.20	93	0	0	0	20	0	0
North Tom Darlington Drive	Bivouac Tr	Bloody Basin Rd	266.63	1.23	94	0	0	0	0	0	23
North Tom Darlington Drive	Radiant Ct	Never Mind Tr	208.20	1.23	93	0	0	0	0	1	23
North Tom Darlington Drive	Long Rifle Rd	Bivouac Tr	78.02	1.25	94	0	0	0	0	0	25
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	213.79	1.27	94	0	0	0	0	0	27
North Tom Darlington Drive	Bivouac Tr	Bloody Basin Rd	124.14	1.31	87	0	0	0	8	0	23
North Tom Darlington Drive	Wampum Way	Lucky Ln	44.29	1.33	94	0	0	0	0	0	33
North Tom Darlington Drive	Ho Rd	Ed Everett Wy	59.79	1.33	93	0	0	0	0	2	33
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	378.06	1.37	91	0	0	0	0	8	37
North Tom Darlington Drive	Ho Rd	Ed Everett Wy	188.89	1.40	93	0	0	0	0	1	40
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	97.23	1.40	93	0	0	0	0	1	40
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	248.41	1.42	87	0	0	0	23	0	19
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	62.86	1.43	93	0	0	0	0	2	43
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	553.26	1.45	89	0	0	0	0	1	45
North Tom Darlington Drive	Lucky Ln	Ho Rd	75.77	1.50	94	0	0	0	0	0	50
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	87.44	1.50	94	0	0	0	0	0	50
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	329.18	1.53	92	0	0	0	0	0	53
North Tom Darlington Drive	Lucky Ln	Ho Rd	83.61	1.63	94	0	0	0	0	0	63
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	97.56	1.67	94	0	0	0	0	0	67
North Tom Darlington Drive	Wampum Way	Lucky Ln	80.30	1.67	94	0	0	0	0	0	67
North Tom Darlington Drive	Radiant Ct	Never Mind Tr	72.76	1.71	94	0	0	0	0	0	71
North Tom Darlington Drive	Radiant Ct	Never Mind Tr	289.33	1.79	78	0	0	0	4	2	71
North Tom Darlington Drive	Bivouac Tr	Bloody Basin Rd	39.65	1.80	94	0	0	0	0	0	80
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	120.86	1.82	93	0	0	0	0	3	82

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	179.51	1.83	83	0	0	0	6	2	78
North Tom Darlington Drive	Lucky Ln	Ho Rd	65.60	1.88	94	0	0	0	0	0	88
North Tom Darlington Drive	Lucky Ln	Ho Rd	87.70	1.89	87	0	0	0	11	0	78
North Tom Darlington Drive	Leisure Ln	Meander Wy	103.10	1.90	87	0	0	0	40	0	50
North Tom Darlington Drive	Leisure Ln	Meander Wy	693.23	1.93	77	0	0	0	3	4	84
North Tom Darlington Drive	Meander Wy	Stagecoach Pass	358.26	1.97	82	0	0	0	5	0	84
North Tom Darlington Drive	Bloody Basin Rd	Bloody Basin Rd	14.91	2.00	94	0	0	0	0	0	100
North Tom Darlington Drive	Stagecoach Pass	Radiant Ct	128.09	2.00	91	0	0	0	0	1	100
North Tom Darlington Drive	Carefree Dr	Wampum Way	25.61	2.00	94	0	0	0	0	0	100
North Tom Darlington Drive	Wampum Way	Lucky Ln	44.51	2.00	93	0	0	0	0	2	100
North Tom Darlington Drive	Never Mind Tr	Long Rifle Rd	347.29	2.00	90	0	0	0	0	0	100
North Tom Darlington Drive	Carefree Dr	Wampum Way	92.08	2.00	87	0	0	0	10	0	90
North Tom Darlington Drive	Wampum Way	Lucky Ln	50.02	2.00	87	0	0	0	25	0	50
North Tom Darlington Drive	Lucky Ln	Ho Rd	47.88	2.00	94	0	0	0	0	0	100
North Tom Darlington Drive	Wampum Way	Lucky Ln	273.53	2.11	90	0	0	0	0	0	100
North Tom Darlington Drive	Bivouac Tr	Bloody Basin Rd	288.40	2.29	89	0	0	0	0	0	100
North Tom Darlington Drive	Long Rifle Rd	Bivouac Tr	272.56	2.32	89	0	0	0	0	0	100
North Tom Darlington Drive	Bloody Basin Rd	Bloody Basin Rd	26.19	2.33	92	0	0	0	0	3	100
North Tom Darlington Drive	Ho Rd	Ed Everett Wy	41.06	2.40	92	0	0	0	0	1	100
North Tom Darlington Drive	Cave Creek Rd	Cave Creek Rd	47.47	2.60	68	0	0	0	40	1	100
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	93.43	2.78	65	0	0	0	0	0	100
North Tom Darlington Drive	Cave Creek Rd	Cave Creek Rd	51.74	2.80	64	0	0	0	0	1	100
North Tom Darlington Drive	Wampum Way	Lucky Ln	64.40	2.86	63	0	0	0	0	0	100
North Tom Darlington Drive	Ho Rd	Ed Everett Wy	101.18	2.90	62	0	0	0	0	2	100
North Tom Darlington Drive	Lucky Ln	Ho Rd	94.81	2.91	62	0	0	0	0	4	100
North Tom Darlington Drive	Lucky Ln	Ho Rd	325.19	2.94	62	0	0	0	0	0	100
North Tom Darlington Drive	Ed Everett Wu	Cave Creek Rd	9.42	3.00	60	0	0	0	50	0	100
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	229.17	3.00	60	0	0	0	0	5	100
North Tom Darlington Drive	Ed Everett Wu	Cave Creek Rd	53.16	3.00	60	0	0	0	0	1	100
North Tom Darlington Drive	Ed Everett Wu	Cave Creek Rd	164.79	3.00	60	0	0	0	0	1	100
North Tom Darlington Drive	Ho Rd	Ed Everett Wy	210.05	3.00	60	0	0	0	0	0	100
North Tom Darlington Drive	Carefree Dr	Wampum Way	92.45	3.00	60	0	0	0	0	0	100
North Tom Darlington Drive	Ed Everett Wu	Cave Creek Rd	37.37	3.00	60	0	0	0	0	0	100
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	214.48	3.00	60	0	0	0	0	0	100
North Tom Darlington Drive	Wampum Way	Lucky Ln	45.20	3.00	60	0	0	0	0	0	100
North Tom Darlington Drive	Ed Everett Wu	Cave Creek Rd	114.55	3.00	60	0	0	0	0	0	100
North Tom Darlington Drive	Bivouac Tr	Bloody Basin Rd	139.97	3.00	60	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Tom Darlington Drive	Ed Everett Wu	Cave Creek Rd	194.34	3.00	60	0	0	0	0	2	100
North Tom Darlington Drive	Bloody Basin Rd	Carefree Dr	146.83	3.00	60	0	0	0	0	0	100
			Length (feet)	16,065.45	RB Rating	PCI Rating	# Potholes				
			Length (miles)	3.04	1.63	87	0				

STANDALONE STREET - TRANQUIL TRAIL											
North Tranquil Trail	Rising Sun Rd	Horizon Dr	97.63	2.60	68	0	0	0	0	10	100
North Tranquil Trail	Sundance Tr	Celestial St	702.04	2.97	61	0	0	0	0	70	100
North Tranquil Trail	Sundance Tr	Celestial St	242.31	3.00	60	0	0	0	0	24	100
North Tranquil Trail	Rising Sun Rd	Horizon Dr	42.87	3.00	60	0	0	0	0	4	100
North Tranquil Trail	Sundance Tr	Celestial St	485.86	3.00	60	0	0	0	0	51	100
North Tranquil Trail	Rising Sun Rd	Horizon Dr	117.72	3.27	74	0	0	0	27	11	100
			Length (feet)	1,688.43	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.32	2.98	62	0				

STANDALONE STREET - RISING SUN ROAD											
Rising Sun Road	Tranquil Tr	80th St	230.92	2.00	90	0	0	0	0	0	100
Rising Sun Road	Tranquil Tr	80th St	1049.64	2.00	86	0	0	0	0	0	100
Rising Sun Road	Tranquil Tr	80th St	243.55	2.08	90	0	0	0	0	0	100
Rising Sun Road	Tranquil Tr	80th St	140.93	2.20	92	0	0	0	0	0	100
Rising Sun Road	Tranquil Tr	80th St	548.38	2.20	76	0	0	0	2	7	100
Rising Sun Road	Tranquil Tr	80th St	353.51	2.36	89	0	0	0	0	0	100
			Length (feet)	2,566.93	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.49	2.11	85	0				

STANDALONE STREET - SCOPA TRAIL											
Scopa Trail	Grapevine Rd	East of Grapevine Rd	822.34	2.22	94	0	0	0	0	0	25
Scopa Trail	Grapevine Rd	East of Grapevine Rd	111.25	2.27	81	0	9	0	55	0	55
			Length (feet)	933.59	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.18	2.23	92	0				

STANDALONE STREET - SPANISH BOOT ROAD											
Spanish Boot Road	Golden Spur Ln	To North End	506.87	2.57	71	0	2	0	0	49	100
Spanish Boot Road	Golden Spur Ln	To North End	98.12	2.60	68	0	0	0	10	6	100
Spanish Boot Road	Golden Spur Ln	To North End	317.66	2.86	63	0	0	0	0	16	100
Spanish Boot Road	Golden Spur Ln	To North End	366.77	2.87	63	0	0	0	0	38	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
Spanish Boot Road	Golden Spur Ln	To North End	616.74	3.02	60	0	0	0	0	63	98
Spanish Boot Road	Golden Spur Ln	To North End	636.34	3.08	70	0	0	0	2	65	100
Spanish Boot Road	Golden Spur Ln	To North End	429.98	3.18	67	1	0	0	0	44	100
Spanish Boot Road	Golden Spur	To North End	87.50	3.50	50	0	0	0	0	10	60
Spanish Boot Road	N End Spanish Boot Rd	E-W across intersection	106.92	3.55	49	0	0	0	0	11	100
Spanish Boot Road	Golden Spur	To North End	69.96	3.56	49	0	0	0	0	9	100
Spanish Boot Road	Spanish Boot Rd West	To West of N-S Road	337.18	3.79	45	0	0	0	0	34	100
			Length (feet)	3,574.04	RB Rating	PCI Rating	# Potholes				
			Length (miles)	0.68	3.06	63	1				

VELVET SHADOWS											
East Lazywood Place	Milky Way	Twilight Tr	38.89	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	21.64	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	13.47	1.00	100	0	0	0	0	0	0
East Lazywood Place	Placid Pl	Milky Way	15.64	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	26.54	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Milky Way	14.50	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	93.81	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	50.74	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	12.29	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	36.62	1.00	100	0	0	0	0	0	0
East Lazywood Place	Milky Way	Twilight Tr	47.92	1.00	100	0	0	0	0	0	0
East Lazywood Place	Placid Pl	Milky Way	212.00	1.09	93	0	0	0	0	1	9
East Lazywood Place	Milky Way	Twilight Tr	60.92	1.20	94	0	0	0	0	0	20
East Lazywood Place	Milky Way	Twilight Tr	41.29	1.20	93	0	0	0	20	0	0
East Lazywood Place	Milky Way	Twilight Tr	27.10	1.25	94	0	0	0	0	0	25
East Lazywood Place	Milky Way	Twilight Tr	78.17	1.25	94	0	0	0	0	0	25
East Lazywood Place	Placid Pl	Milky Way	199.29	1.32	94	0	0	0	0	0	32
East Lazywood Place	Placid Pl	Milky Way	68.80	1.38	94	0	0	0	0	0	38
East Lazywood Place	Placid Pl	Milky Way	265.53	1.39	92	0	0	0	0	0	39
East Lazywood Place	Placid Pl	Milky Way	123.40	1.42	87	0	0	0	8	0	33
East Lazywood Place	Placid Pl	Milky Way	80.71	1.44	94	0	0	0	0	0	44
East Lazywood Place	Placid Pl	Milky Way	116.19	1.50	94	0	0	0	0	0	50
East Lazywood Place	Milky Way	Twilight Tr	136.41	1.62	94	0	0	0	0	0	62
East Lazywood Place	Milky Way	Twilight Tr	148.99	1.62	94	0	0	0	0	0	62
East Lazywood Place	Milky Way	Twilight Tr	50.82	1.80	94	0	0	0	0	0	80
East Lazywood Place	Placid Pl	Milky Way	259.66	1.85	90	0	0	0	0	0	85
East Lazywood Place	Milky Way	Milky Way	27.85	2.00	94	0	0	0	0	0	100
East Lazywood Place	Milky Way	Twilight Tr	53.44	2.00	94	0	0	0	0	0	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
East Lazywood Place	Twilight Tr	To East End of Street	289.69	2.15	87	0	0	0	0	1	89
East Lazywood Place	Twilight Tr	To East End of Street	55.07	3.00	60	0	0	0	14	3	100
East Northview Lane	Cave Creek Rd	NW End of Street	433.60	2.09	76	0	0	0	2	2	91
East Northview Lane	Cave Creek Rd	NW End of Street	442.27	2.10	78	0	0	0	5	0	98
East Northview Lane	Cave Creek Rd	NW End of Street	27.92	3.00	60	0	0	0	0	4	100
East Trail Drive	Milky Way	Stardust Ln	754.22	2.17	85	0	0	0	0	11	96
East Venus Drive	Twilight Tr	To East End of Street	389.74	2.28	89	0	0	0	0	0	100
East Venus Drive	Placid Pl	Milky Way	1019.49	2.90	54	1	24	0	9	6	100
Milky Way	Venus Dr	Trail Dr	72.86	1.78	93	0	0	0	0	2	78
Milky Way	Venus Dr	Trail Dr	526.43	2.06	76	0	0	0	2	1	100
North Milky Way	Stagecoach Pass	Venus Dr	124.11	1.08	94	0	0	0	0	0	8
North Milky Way	Stagecoach Pass	Venus Dr	217.47	1.52	92	0	0	0	0	0	52
North Milky Way	Stagecoach Pass	Venus Dr	243.50	1.79	90	0	0	0	0	2	67
North Milky Way	Lazywood Pl	Cave Creek Rd	541.92	2.20	86	0	0	0	0	3	100
North Milky Way	Trail Dr	Lazywood Pl	230.76	2.50	70	0	0	0	0	0	100
North Milky Way	Lazywood Pl	Cave Creek Rd	539.92	2.57	69	0	0	0	2	0	100
North Milky Way	Lazywood Pl	Cave Creek Rd	149.70	2.69	67	0	0	0	0	0	100
North Milky Way	Trail Dr	Lazywood Pl	202.64	2.81	64	0	0	0	10	3	100
North Stardust Lane	Trail Dr	Twilight Tr	25.71	2.00	94	0	0	0	0	0	100
North Stardust Lane	Twilight Tr	Carefree Rolling Hills	116.87	2.00	92	0	0	0	0	0	100
North Stardust Lane	Twilight Tr	Carefree Rolling Hills	67.22	2.00	94	0	0	0	0	0	100
North Stardust Lane	Twilight Tr	Carefree Rolling Hills	187.05	2.00	92	0	0	0	0	0	100
North Stardust Lane	Trail Dr	Twilight Tr	182.02	2.00	92	0	0	0	0	0	100
North Stardust Lane	Trail Dr	Twilight Tr	92.58	2.00	92	0	0	0	0	0	100
North Stardust Lane	Twilight Tr	Carefree Rolling Hills	117.33	2.00	92	0	0	0	0	0	100
North Stardust Lane	Trail Dr	Twilight Tr	91.95	2.00	87	0	0	0	20	0	80
North Stardust Lane	Twilight Tr	Carefree Rolling Hills	161.63	2.00	84	0	0	0	88	0	13
North Stardust Lane	Twilight Tr	Carefree Rolling Hills	61.38	2.00	94	0	0	0	0	0	100
North Stardust Lane	Trail Dr	Twilight Tr	95.28	2.00	93	0	0	0	0	1	100
North Stardust Lane	Trail Dr	Twilight Tr	61.33	2.00	94	0	0	0	0	0	100
North Stardust Lane	Stagecoach Pass	Trail Dr	1264.04	2.02	77	0	0	0	2	2	96
North Stardust Lane	Trail Dr	Twilight Tr	67.66	2.38	92	0	0	0	0	1	100
North Twilight Trail	Stagecoach Pass	Venus Dr	802.07	1.69	80	0	0	0	4	0	64
North Twilight Trail	Venus Dr	Stardust Ln	494.65	1.90	88	0	0	0	0	0	90
North Twilight Trail	Stardust Ln	Lazywood Pl	158.36	1.94	85	0	0	0	31	0	38
North Twilight Trail	Venus Dr	Stardust Ln	592.65	2.03	80	0	0	0	2	0	88
North Twilight Trail	Stardust Ln	Lazywood Pl	481.87	2.06	86	0	0	0	0	3	100
North Twilight Trail	Lazywood Pl	Cave Creek Rd	193.20	2.10	82	0	0	0	50	0	50
North Twilight Trail	Lazywood Pl	Cave Creek Rd	196.63	2.16	80	0	0	0	11	1	100

PAVEMENT CONDITION RATINGS											
Road Name	From	To	Length (ft)	RoadBotics Rating	HD-PCI Rating	# of Potholes	% Fatigue Cracking	% Distortion	% Deterioration	Patch/Seal	% Trans/Long
North Twilight Trail	Lazywood Pl	Cave Creek Rd	305.18	2.16	79	0	0	0	68	0	32
Placid Place	Stagecoach Pass	Venus Dr	86.32	1.56	94	0	0	0	0	0	56
Placid Place	Stagecoach Pass	Venus Dr	395.46	1.74	89	0	0	0	0	1	74
Placid Place	Venus Dr	Lazywood Pl	148.66	1.75	87	0	0	0	44	0	31
Placid Place	Venus Dr	Lazywood Pl	385.01	1.97	88	0	0	0	0	8	87
Placid Place	Stagecoach Pass	Venus Dr	71.03	2.00	93	0	0	0	0	1	100
Placid Place	Venus Dr	Lazywood Pl	178.83	2.00	83	0	0	0	6	3	94
			Length (feet)	15,665.91	RB Rating	PCI Rating	# Potholes				
			Length (miles)	2.97	2.01	82	1				

SUBDIVISION & STANDALONE STREETS EVALUATION, RANKING & PRIORITIZATION

SUBDIVISION & STANDALONE STREETS EVALUATION, RANKING & PRIORITIZATION																
Subdivision / Standalone Street	Construction Type	RoadBotics Rating	Functional Class Factor	Adjusted RoadBotics Rating	% RoadBotics Rating x 80	Construction Cost Factor (1/Unit Cost)	% Cost Factor x 15	Safety - # of Crashes	% Crashes x 5	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget	
East Cave Creek Road Carefree Dr to Pima Rd (Already Programmed)	AC Mill & Overlay + Microseal	2.23	N/A - The Town has already programmed this project and let for construction. Note: Microseal is the same surface treatment as Microsurfacing.									M&O 31,752 MICROSEAL 31,752	M&O 36 MICROSEAL 12	M&O \$1,143,067 MICROSEAL \$381,022	FY 2021-2022	\$ 1,524,090
Cow Track Estates	Cape Seal (Slurry Seal on Chip Seal)	2.94	100%	2.94	2.78	0.0526	0.3903	2	0.06	3.23	111,120	\$ 19	\$ 2,111,280	FY 2022-2023	\$ 2,111,280	
Sentinal Rock Estates	Cape Seal (Slurry Seal on Chip Seal)	2.84	100%	2.84	2.68	0.0526	0.3903	0	0.00	3.07	49,386	\$ 19	\$ 938,334	FY 2023-2024	\$ 938,334	
Ranchitos Del Ray	Cape Seal (Slurry Seal on Chip Seal)	2.20	100%	2.20	2.08	0.0526	0.3903	0	0.00	2.47	28,557	\$ 19	\$ 542,583	FY 2024-2025	\$ 542,583	
Leigh Estates	Cape Seal (Slurry Seal on Chip Seal)	3.78	100%	3.78	3.57	0.0526	0.3903	0	0.00	3.96	8,229	\$ 19	\$ 156,351	FY 2025-2026	\$ 911,040	
East Scopa Trail	2" AC Mill & Overlay	3.95	100%	3.95	3.73	0.0278	0.2060	0	0.00	3.94	3,510	\$ 36	\$ 126,360			
North Grapevine Road	Cape Seal (Slurry Seal on Chip Seal)	3.57	100%	3.57	3.37	0.0526	0.3903	0	0.00	3.76	2,631	\$ 19	\$ 49,989			
Tom Darlington Drive	Microseal	1.63	115%	1.87	1.77	0.0833	0.6179	42	1.35	3.74	48,195	\$ 12	\$ 578,340			
East Cave Creek Road East of Pima Road	Microseal	2.31	115%	2.66	2.51	0.0833	0.6179	19	0.61	3.74	36,538	\$ 12	\$ 438,453	FY 2026-2027	\$ 1,123,353	
North Scopa Trail	Cape Seal (Slurry Seal on Chip Seal)	3.35	100%	3.35	3.17	0.0526	0.3903	0	0.00	3.56	1,278	\$ 19	\$ 24,282			
Tranquil Trail	Cape Seal (Slurry Seal on Chip Seal)	2.98	100%	2.98	2.82	0.0526	0.3903	5	0.16	3.37	5,064	\$ 19	\$ 96,216			
Spanish Boot Trail	Cape Seal (Slurry Seal on Chip Seal)	3.06	100%	3.06	2.89	0.0526	0.3903	0	0.00	3.28	10,722	\$ 19	\$ 203,718			
North Cave Creek Road	Microseal	1.87	115%	2.15	2.03	0.0833	0.6179	18	0.58	3.23	30,057	\$ 12	\$ 360,684			

Subdivision / Standalone Street	Construction Type	RoadBotics Rating	Functional Class Factor	Adjusted RoadBotics Rating	% RoadBotics Rating x 80	Construction Cost Factor (1/Unit Cost)	% Cost Factor x 15	Safety - # of Crashes	% Crashes x 5	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
Never Mind Trail	Cape Seal (Slurry Seal on Chip Seal)	2.99	100%	2.99	2.83	0.0526	0.3903	0	0.00	3.22	5,202	\$ 19	\$ 98,838	FY 2027-2028	\$ 1,340,526
Carefree Foothills	Cape Seal (Slurry Seal on Chip Seal)	2.98	100%	2.98	2.82	0.0526	0.3903	0	0.00	3.21	29,820	\$ 19	\$ 566,580		
80th Street	Cape Seal (Slurry Seal on Chip Seal)	2.91	100%	2.91	2.75	0.0526	0.3903	0	0.00	3.14	2,025	\$ 19	\$ 38,475		
Carefree 3A & Carefree 3B	Cape Seal (Slurry Seal on Chip Seal)	2.66	100%	2.66	2.51	0.0526	0.3903	5	0.16	3.07	33,507	\$ 19	\$ 636,633		
Original Carefree	Microseal	2.15	100%	2.15	2.03	0.0833	0.6179	12	0.39	3.04	125,535	\$ 12	\$ 1,506,420	FY 2028-2029	\$ 1,506,420
Carefree Crossings I	Cape Seal (Slurry Seal on Chip Seal)	2.80	100%	2.80	2.65	0.0526	0.3903	0	0.00	3.04	15,591	\$ 19	\$ 296,229	FY 2029-2030	\$ 871,800
East Cave Creek Road West of Carefree Drive	Microseal	2.04	115%	2.35	2.22	0.0833	0.6179	6	0.19	3.03	11,265	\$ 12	\$ 135,183		
Stagecoach Pass	Microseal	2.29	110%	2.52	2.38	0.0833	0.6179	0	0.00	3.00	36,699	\$ 12	\$ 440,388		
Canyon Ridge Drive	Microseal	2.50	100%	2.50	2.36	0.0833	0.6179	0	0.00	2.98	2,574	\$ 12	\$ 30,888	FY 2030-2031	\$ 819,018
New River Road	Microseal	2.34	100%	2.34	2.21	0.0833	0.6179	0	0.00	2.83	1,950	\$ 12	\$ 23,400		
Pima Road	Microseal	1.76	120%	2.11	2.00	0.0833	0.6179	6	0.19	2.81	15,681	\$ 12	\$ 188,172		
Celestial Street	Microseal	2.31	100%	2.31	2.18	0.0833	0.6179	0	0.00	2.80	7,746	\$ 12	\$ 92,952		
Horizon Drive	Cape Seal (Slurry Seal on Chip Seal)	2.53	100%	2.53	2.39	0.0526	0.3903	0	0.00	2.78	6,498	\$ 19	\$ 123,462		
Scopa Trail	Microseal	2.23	100%	2.23	2.11	0.0833	0.6179	0	0.00	2.73	2,802	\$ 12	\$ 33,624		
East Grapevine Road	Microseal	2.21	100%	2.21	2.09	0.0833	0.6179	0	0.00	2.71	15,369	\$ 12	\$ 184,428		
Rising Sun Road	Microseal	2.11	100%	2.11	1.99	0.0833	0.6179	1	0.03	2.64	7,701	\$ 12	\$ 92,412		
Grapevine Road	Microseal	2.07	100%	2.07	1.96	0.0833	0.6179	0	0.00	2.57	4,140	\$ 12	\$ 49,680		

Subdivision / Standalone Street	Construction Type	RoadBotics Rating	Functional Class Factor	Adjusted RoadBotics Rating	% RoadBotics Rating x 80	Construction Cost Factor (1/Unit Cost)	% Cost Factor x 15	Safety - # of Crashes	% Crashes x 5	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
Velvet Shadows	Microseal	2.01	100%	2.01	1.90	0.0833	0.6179	1	0.03	2.55	46,998	\$ 12	\$ 563,976	FY 2031-2032	\$ 1,131,444
Carefree Rolling Hills	Microseal	1.94	100%	1.94	1.83	0.0833	0.6179	1	0.03	2.48	47,289	\$ 12	\$ 567,468		
Carefree Streets - Local	Microseal	1.94	100%	1.94	1.83	0.0833	0.6179	0	0.00	2.45	25,587	\$ 12	\$ 307,044	FY 2032-2033	\$ 1,069,236
Carefree Too	Microseal	1.69	100%	1.69	1.60	0.0833	0.6179	1	0.03	2.25	63,516	\$ 12	\$ 762,192		
Carefree Fore & Carefree Fore More	Microseal	1.45	100%	1.45	1.37	0.0833	0.6179	1	0.03	2.02	43,797	\$ 12	\$ 525,564	FY 2033-2034	\$ 675,360
Mule Train Road	Microseal	1.32	100%	1.32	1.25	0.0833	0.6179	1	0.03	1.90	12,483	\$ 12	\$ 149,796		
TOTALS				87.47	82.66	2.4313	18.03	121	3.90	104.59	899,062		\$ 13,040,395		\$ 13,040,395

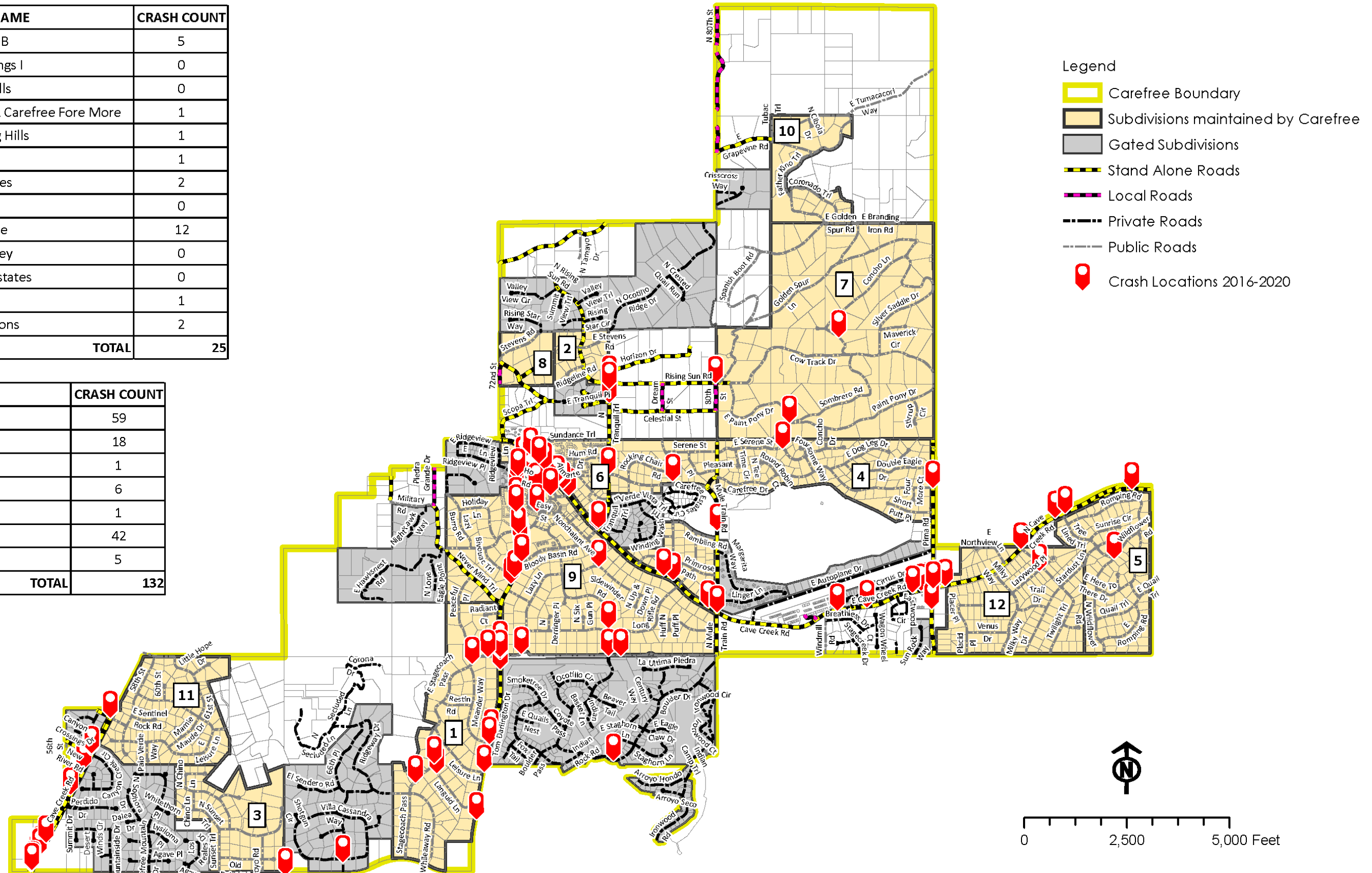
TOWN OF CAREFREE

SAFETY - CRASH LOCATION MAP

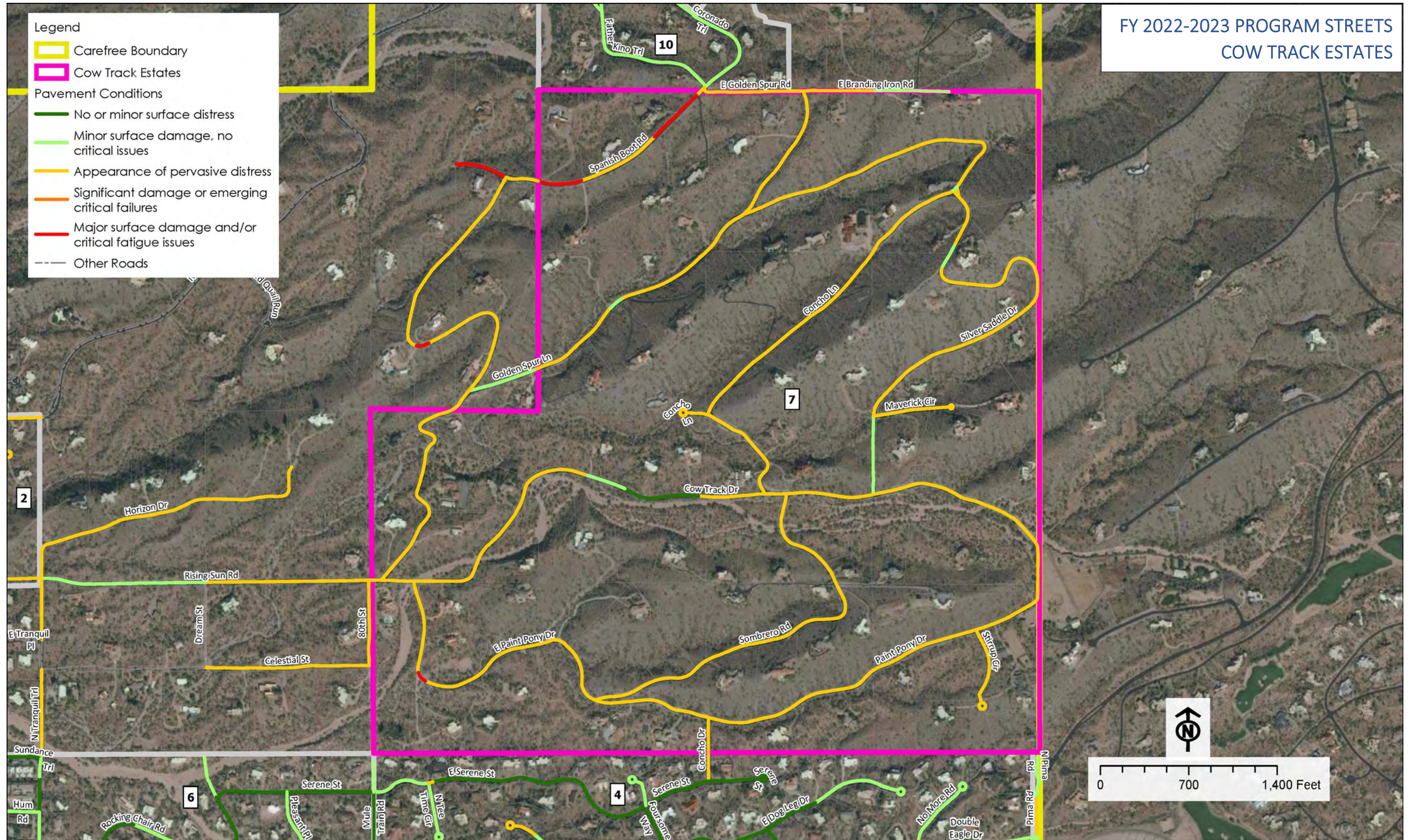
PAVEMENT PRESERVATION PROGRAM

ID	SUBDIVISION NAME	CRASH COUNT
1	Carefree 3A & 3B	5
2	Carefree Crossings I	0
3	Carefree Foothills	0
4	Carefree Fore & Carefree Fore More	1
5	Carefree Rolling Hills	1
6	Carefree Too	1
7	Cow Track Estates	2
8	Leigh Estates	0
9	Original Carefree	12
10	Ranchitos Del Rey	0
11	Sentinel Rock Estates	0
12	Velvet Shadows	1
-	Gated Subdivisions	2
TOTAL		25

STANDALONE ROADS	CRASH COUNT
E Cave Creek Road	59
N Cave Creek Road	18
Mule Train Road	1
Pima Road	6
Rising Sun Road	1
Tom Darlington Road	42
Tranquil Road	5
TOTAL	132







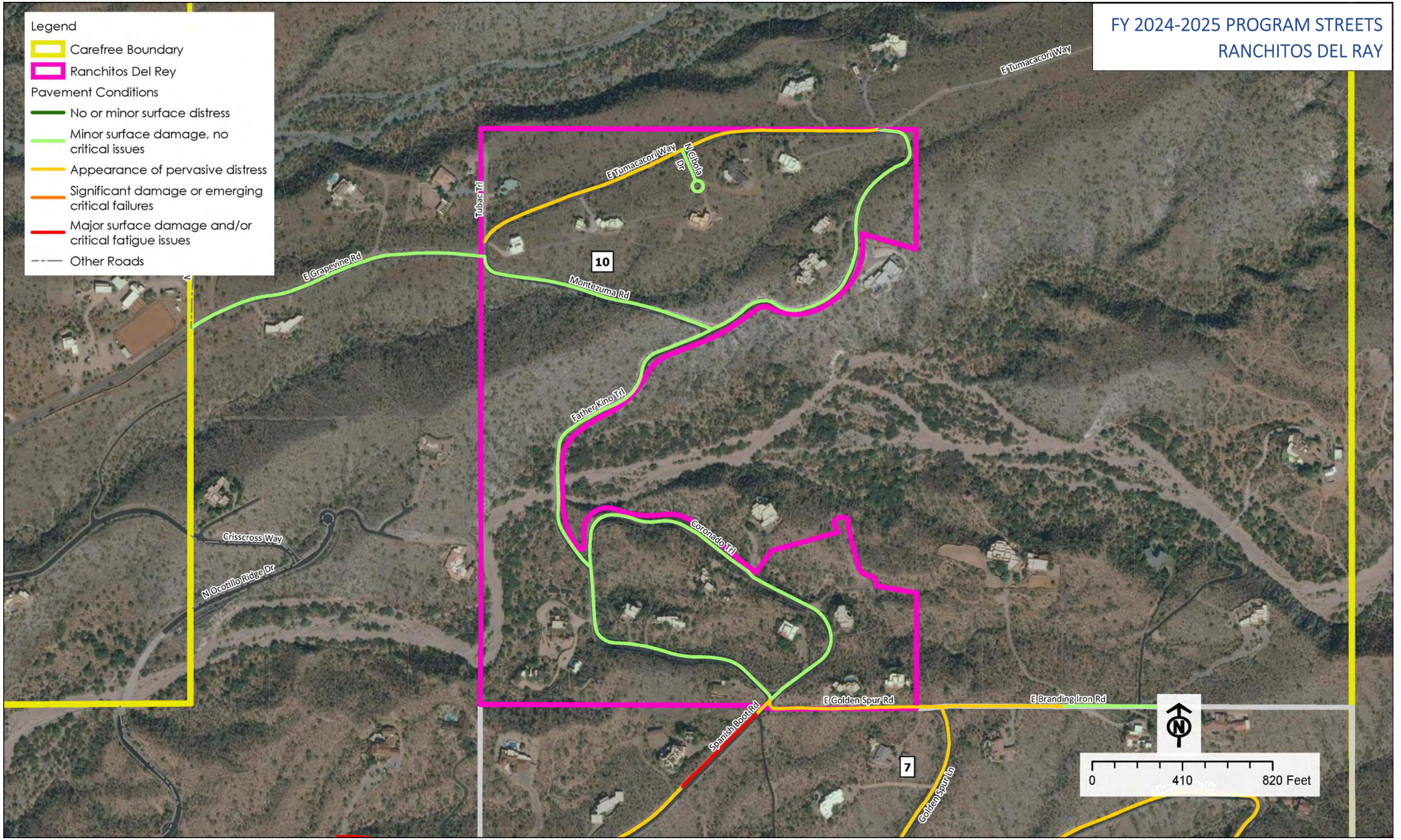
FY 2024-2025 PROGRAM STREETS
RANCHITOS DEL REY

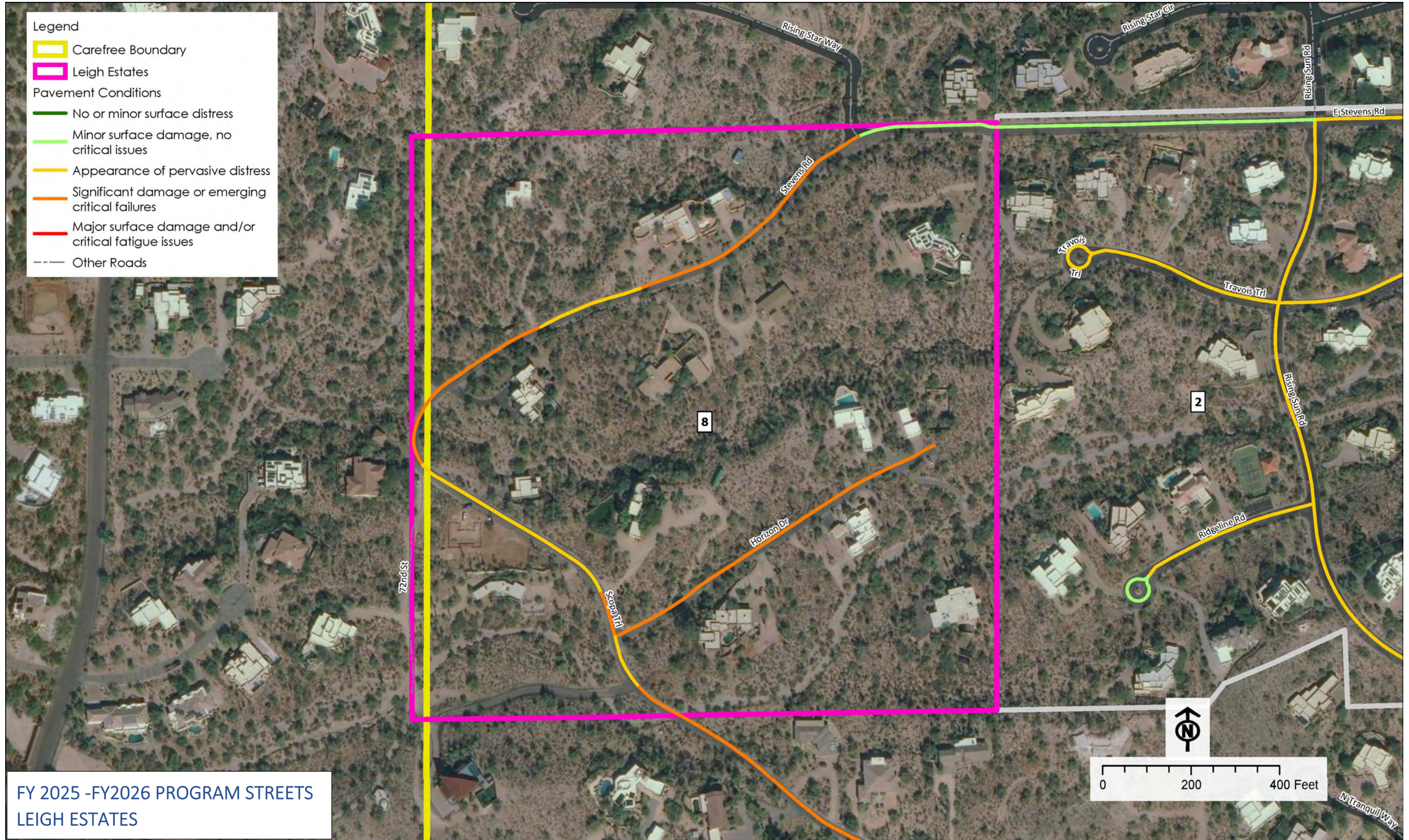
Legend

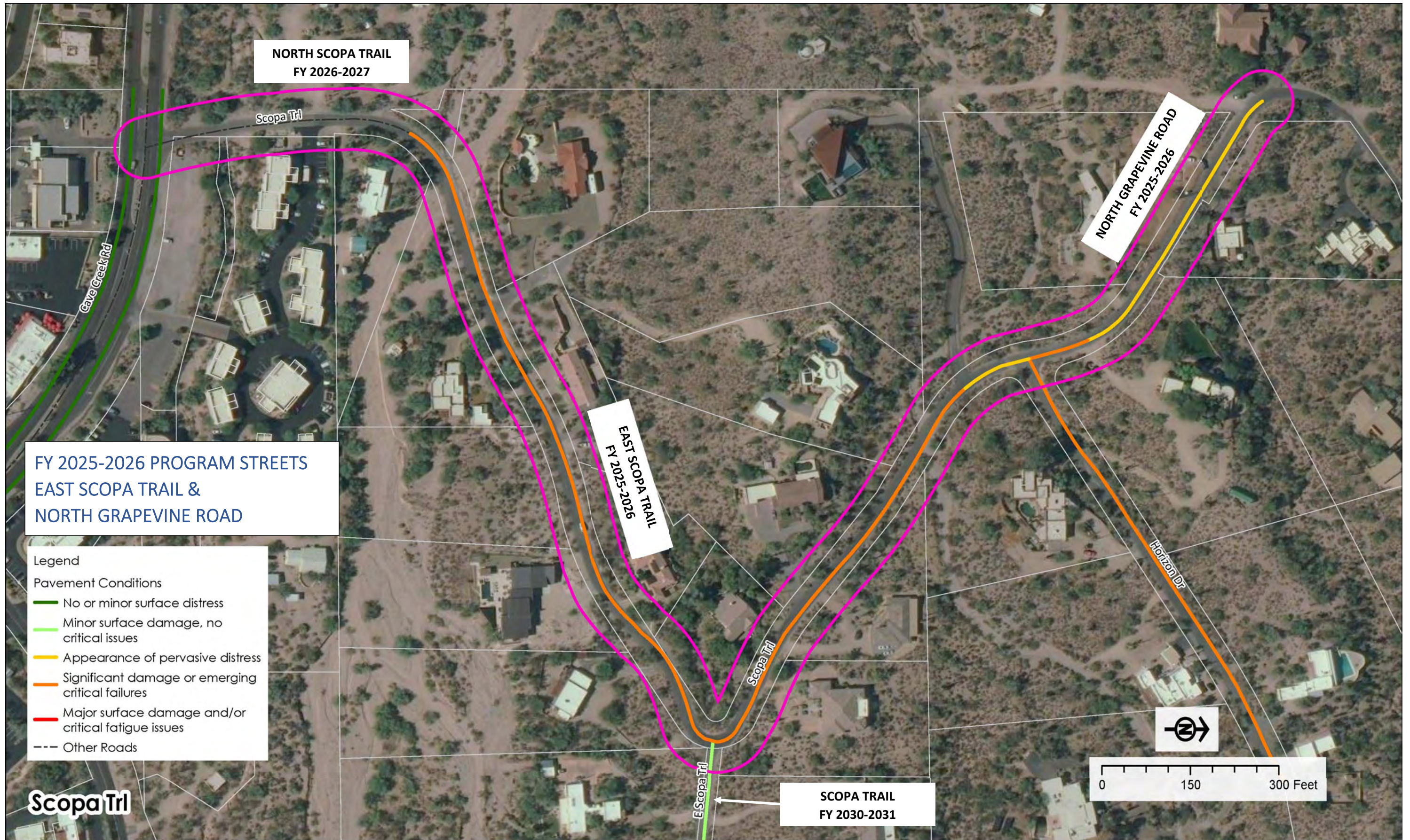
- Carefree Boundary
- Ranchitos Del Rey

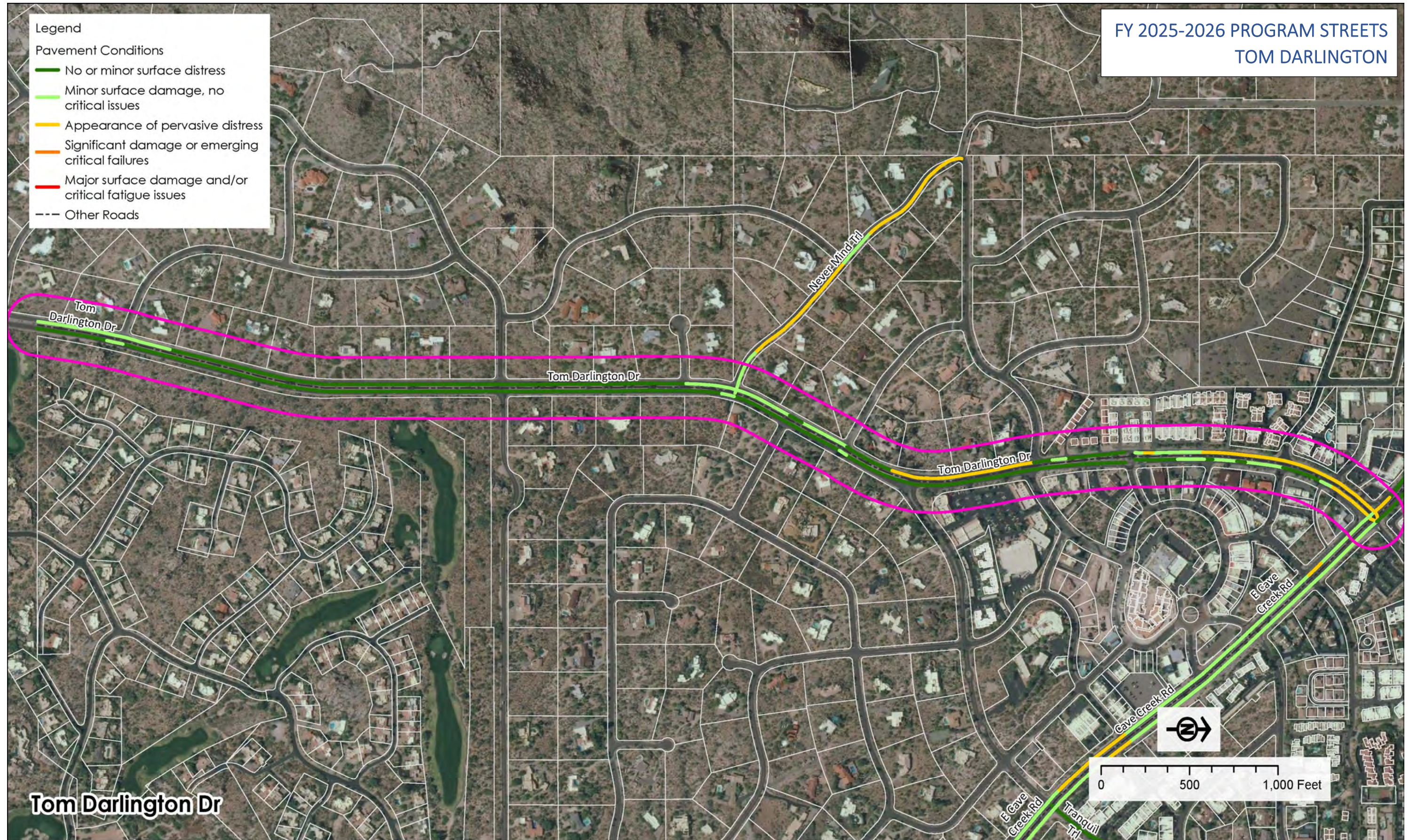
Pavement Conditions

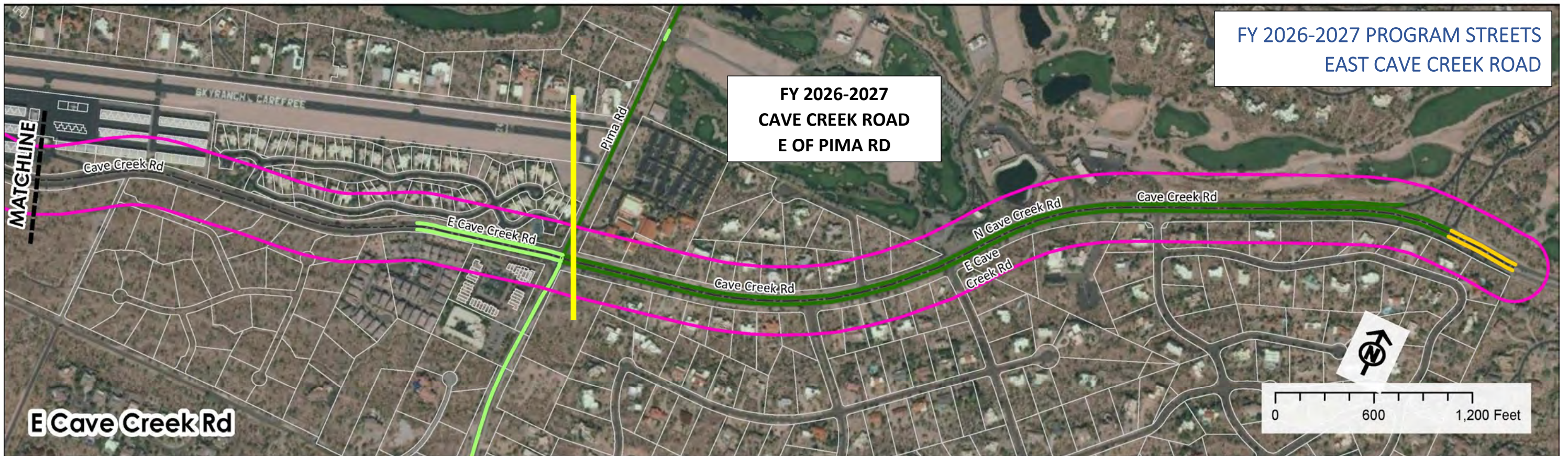
- No or minor surface distress
- Minor surface damage, no critical issues
- Appearance of pervasive distress
- Significant damage or emerging critical failures
- Major surface damage and/or critical fatigue issues
- Other Roads

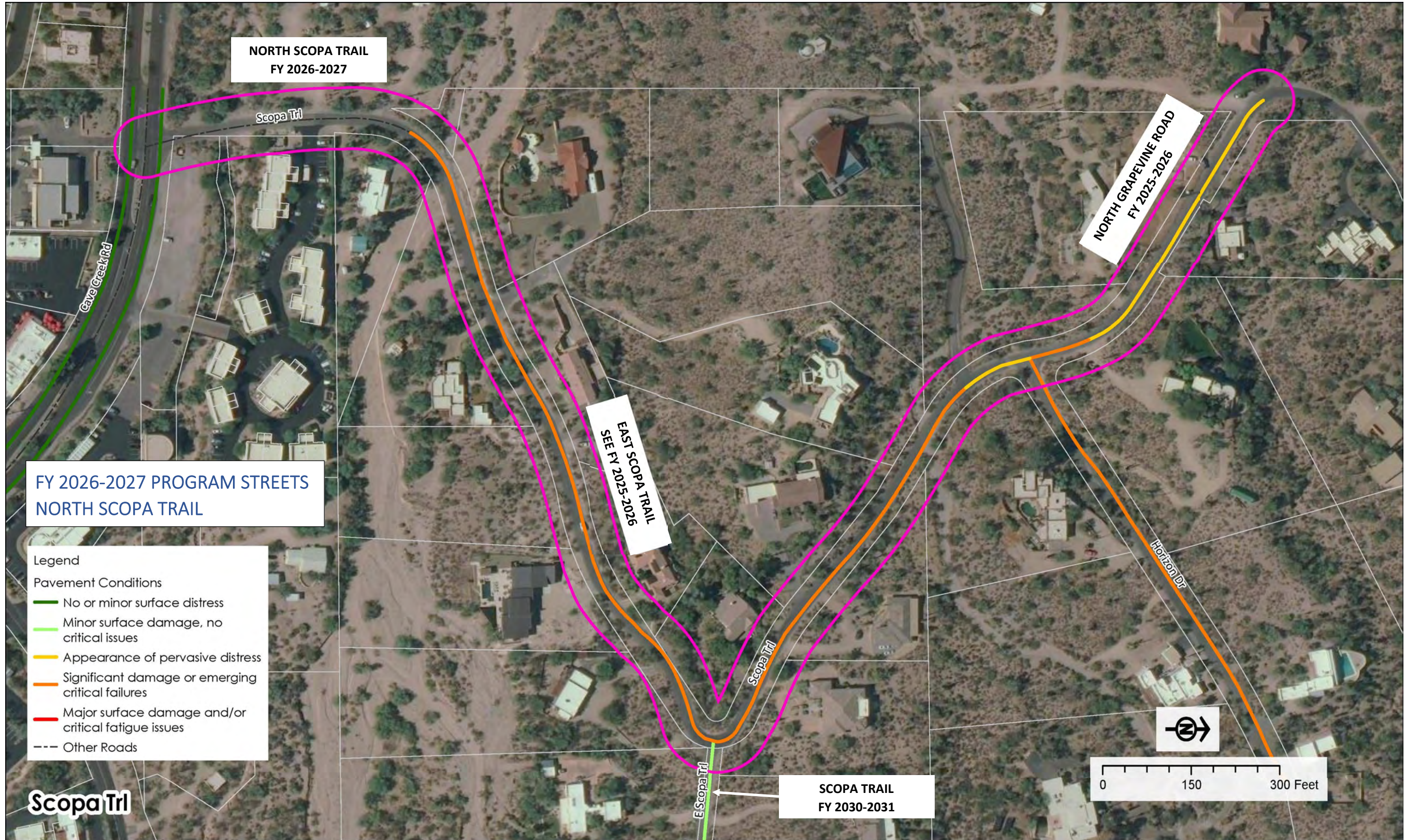


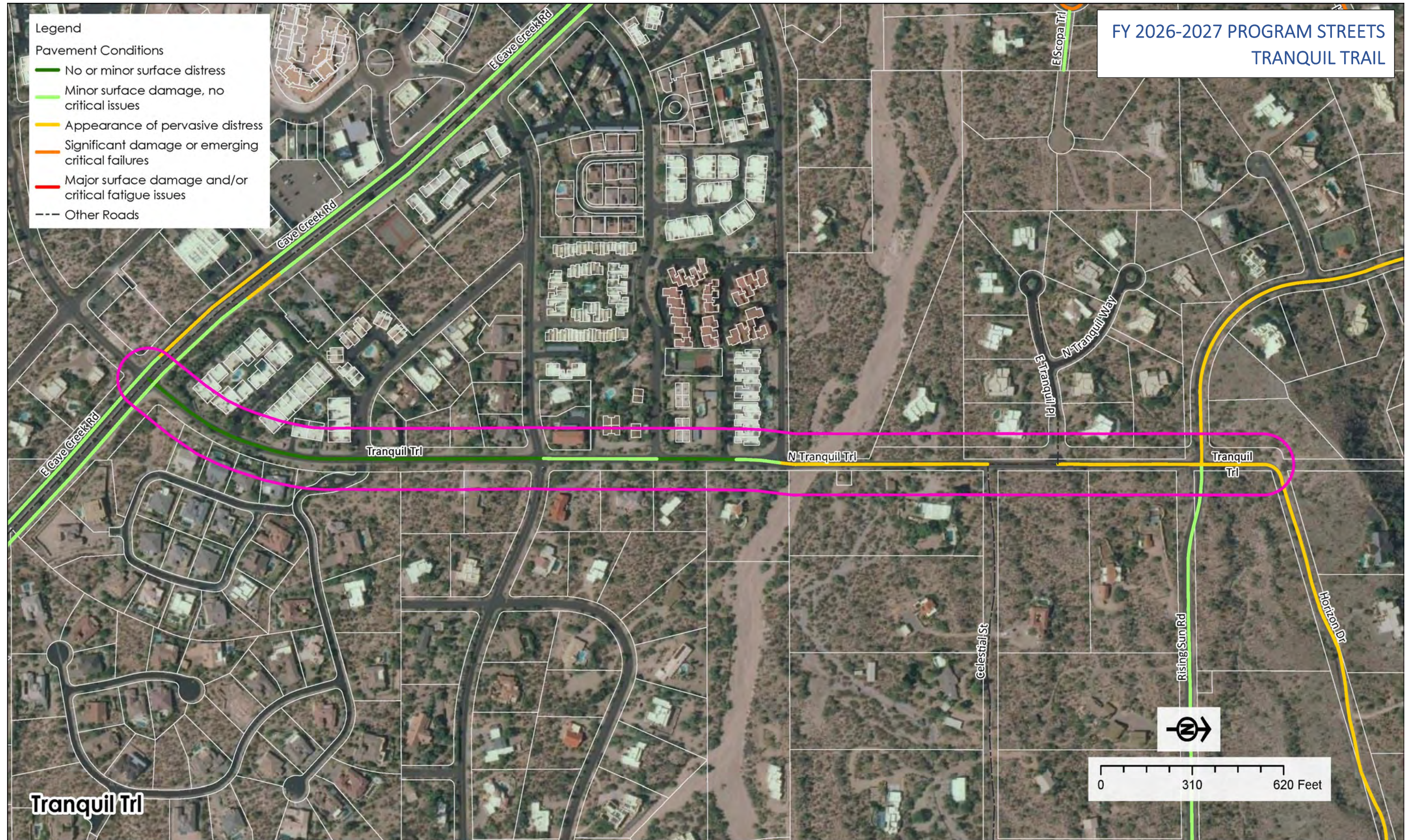


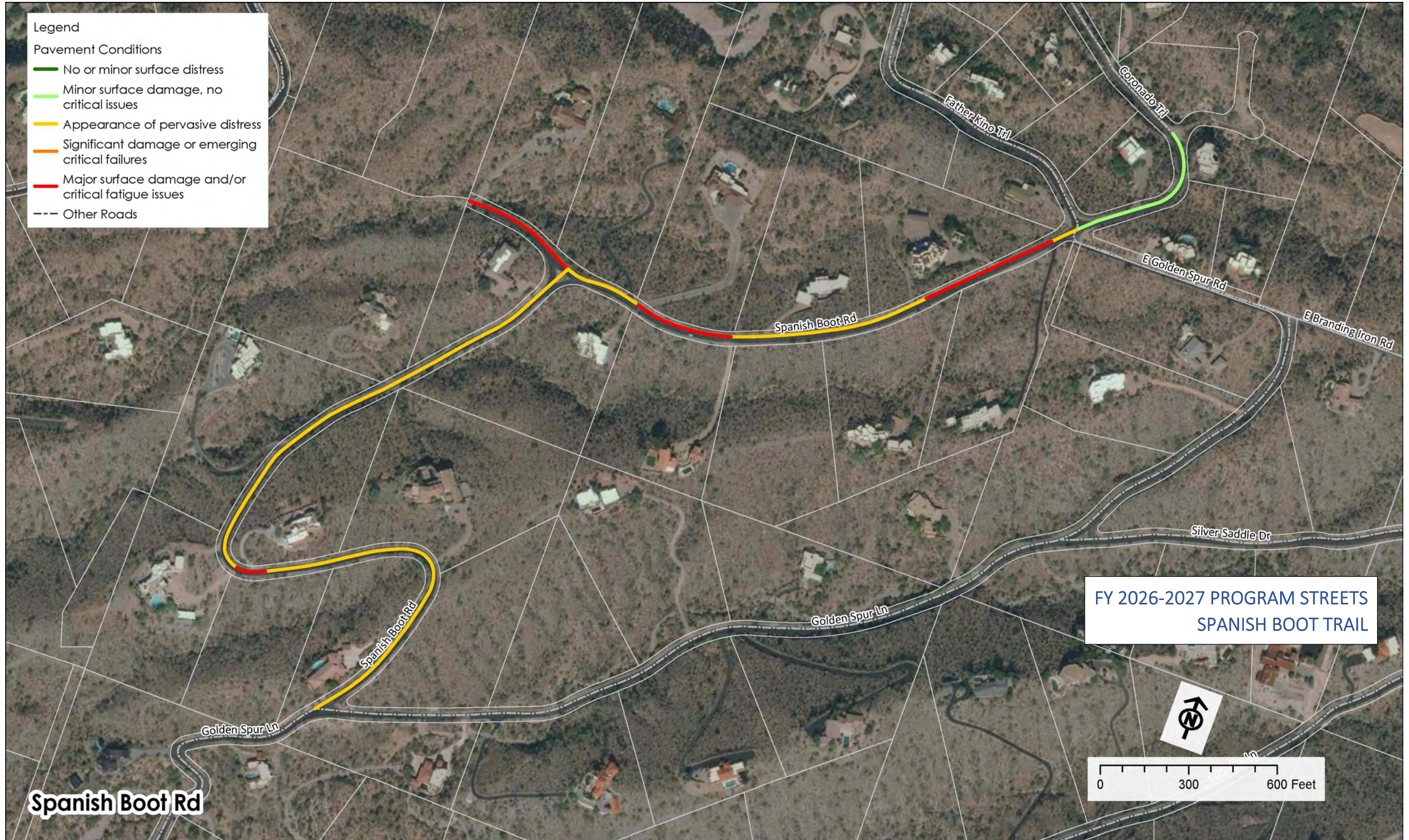


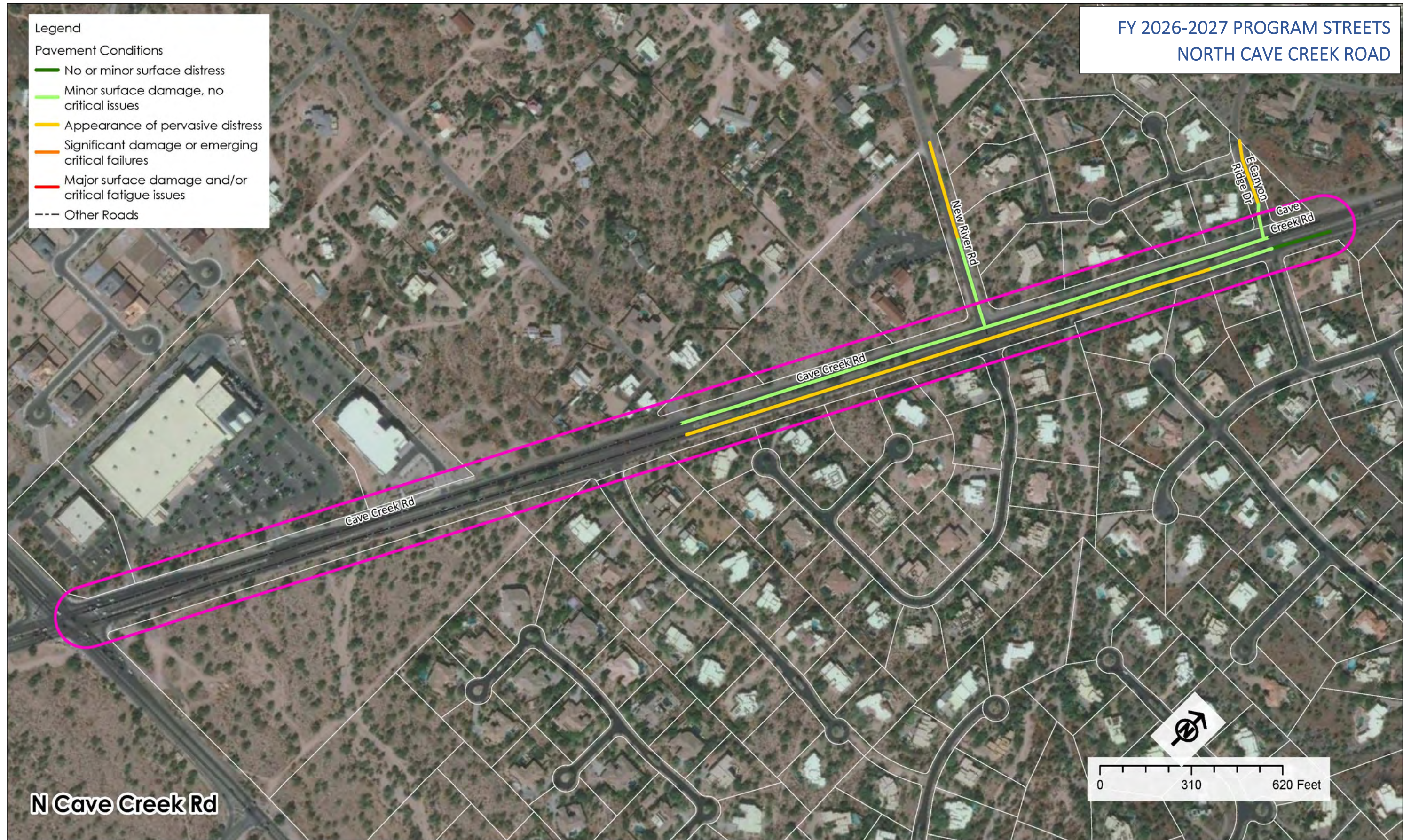


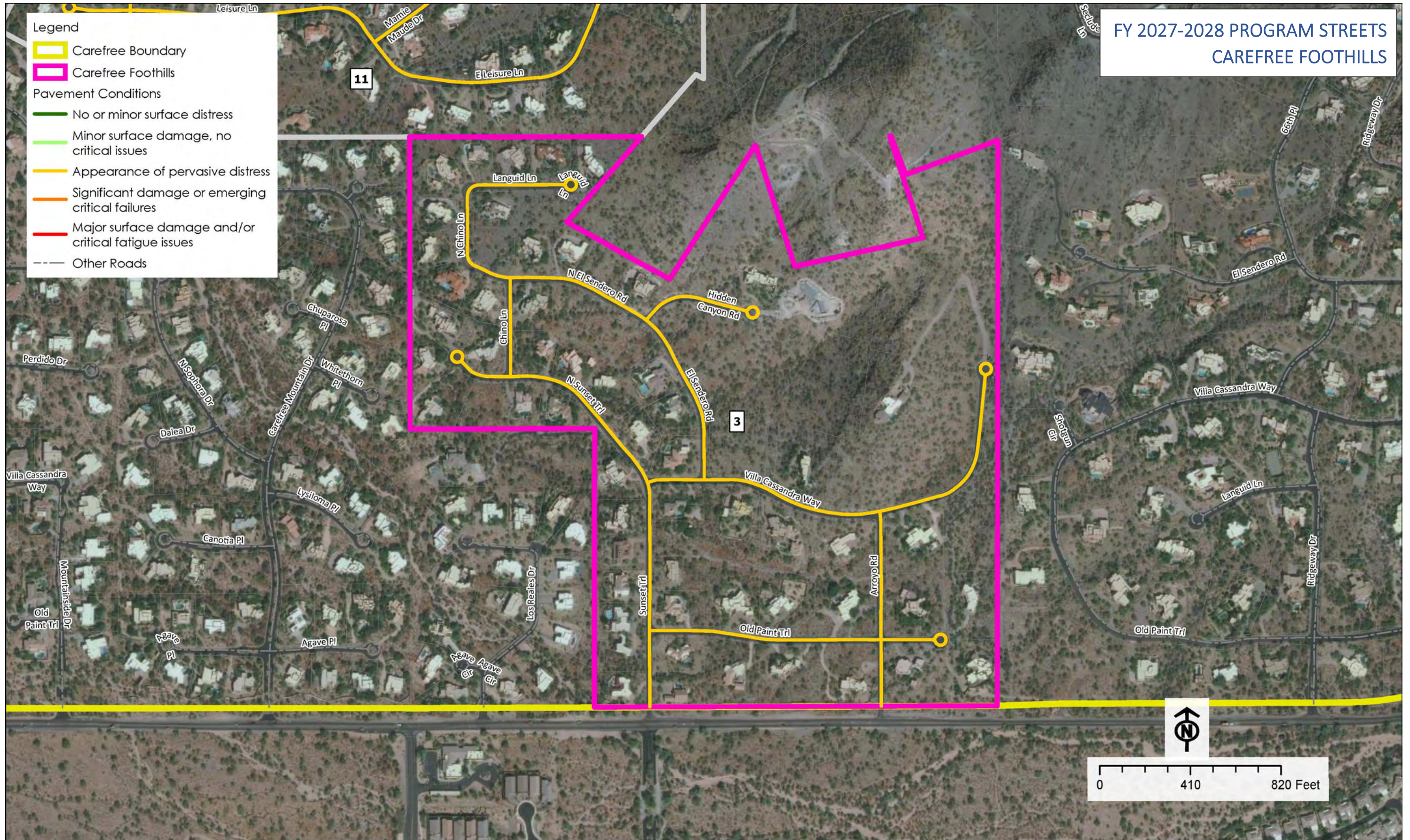


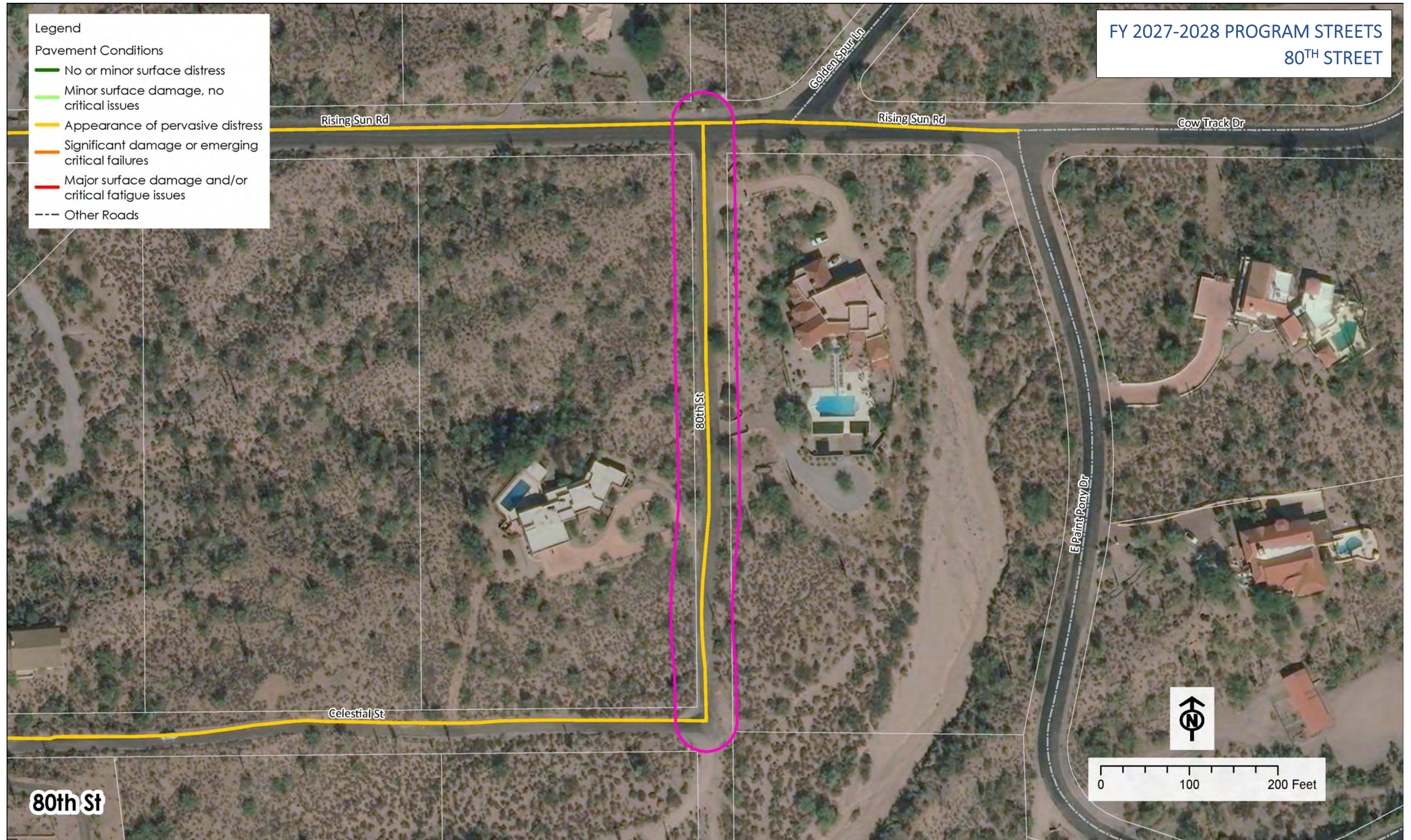


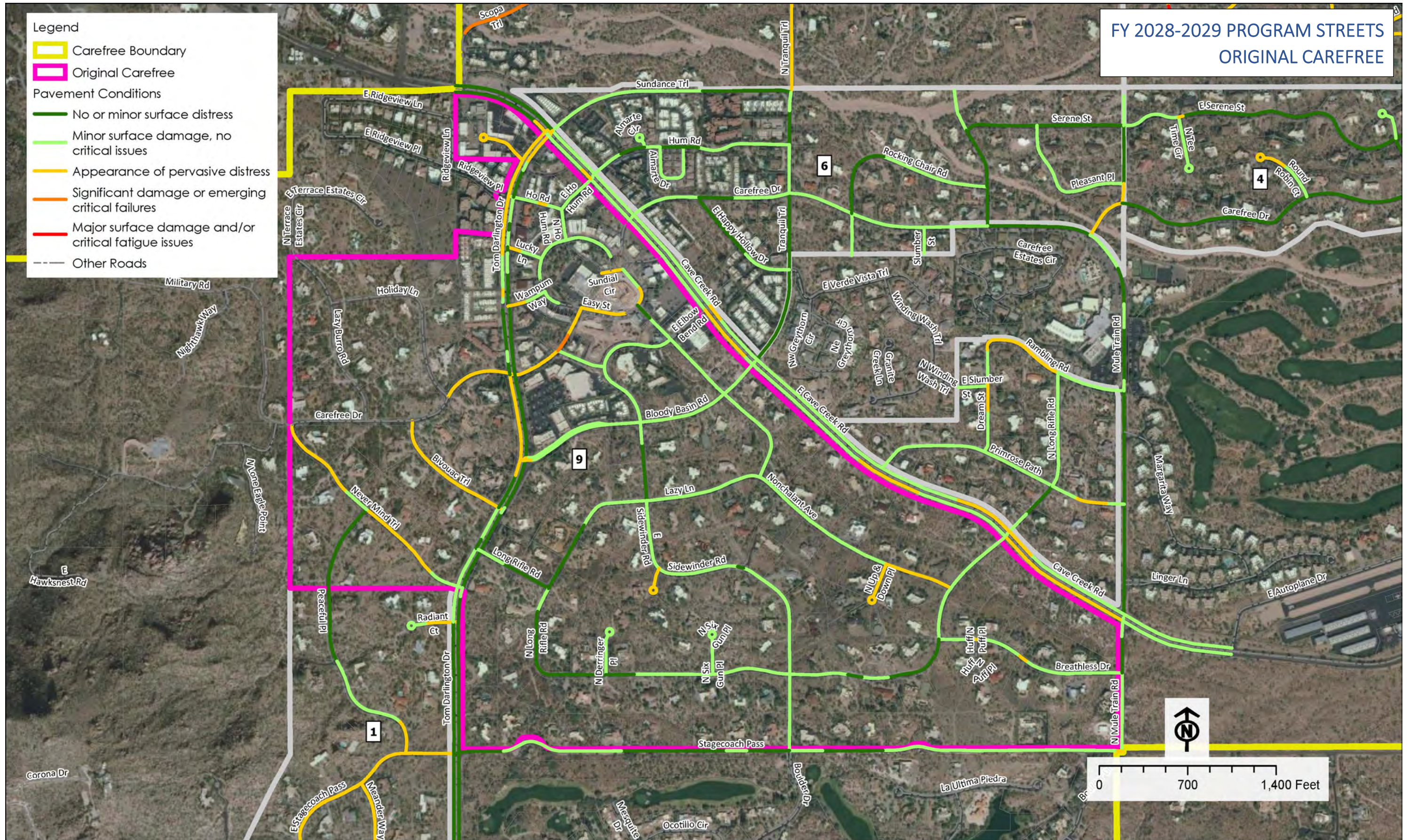


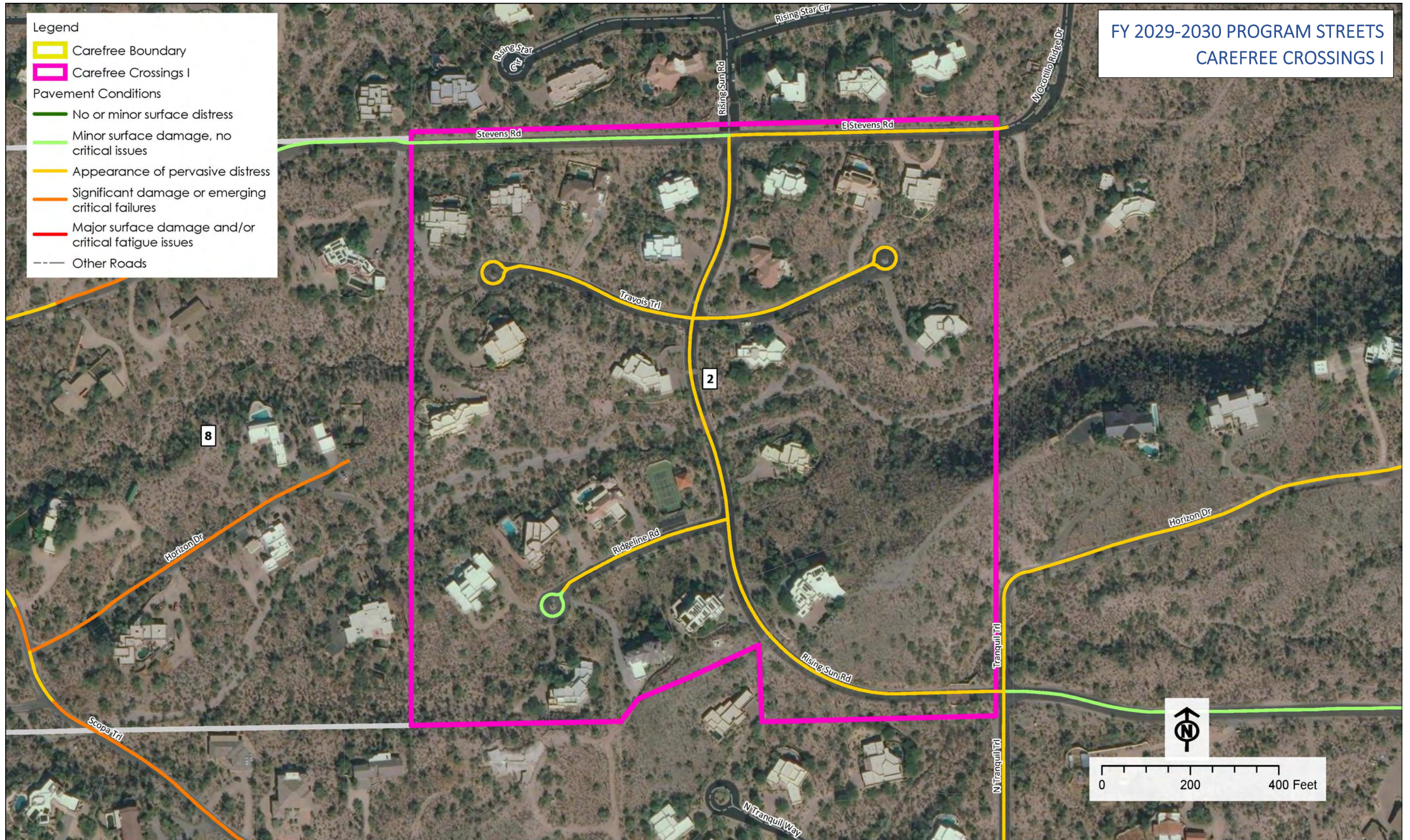


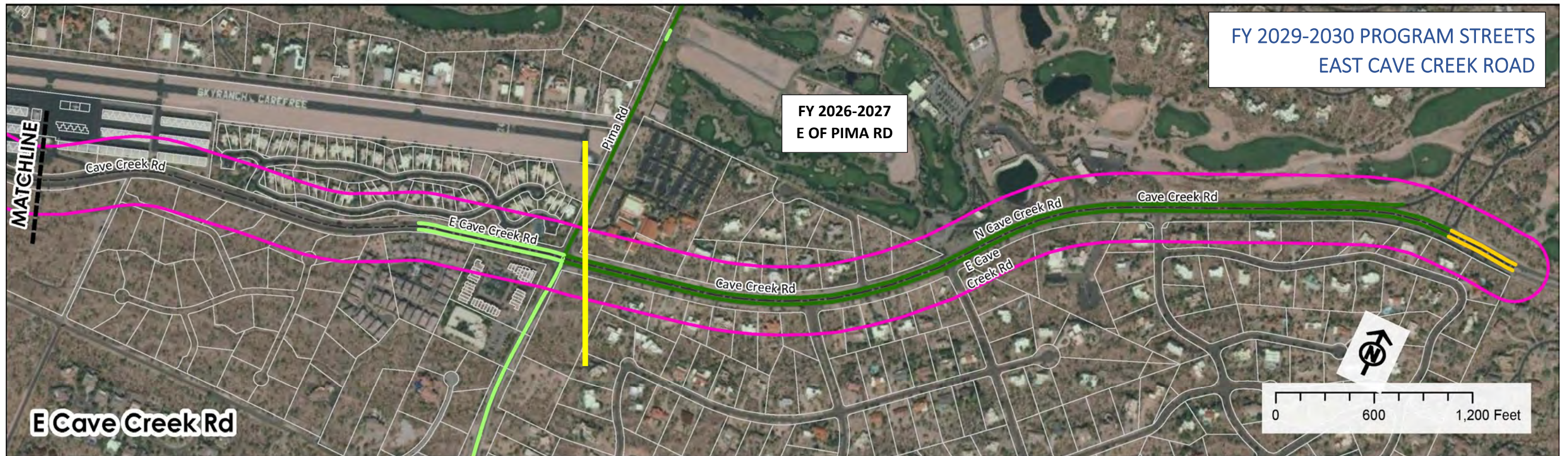


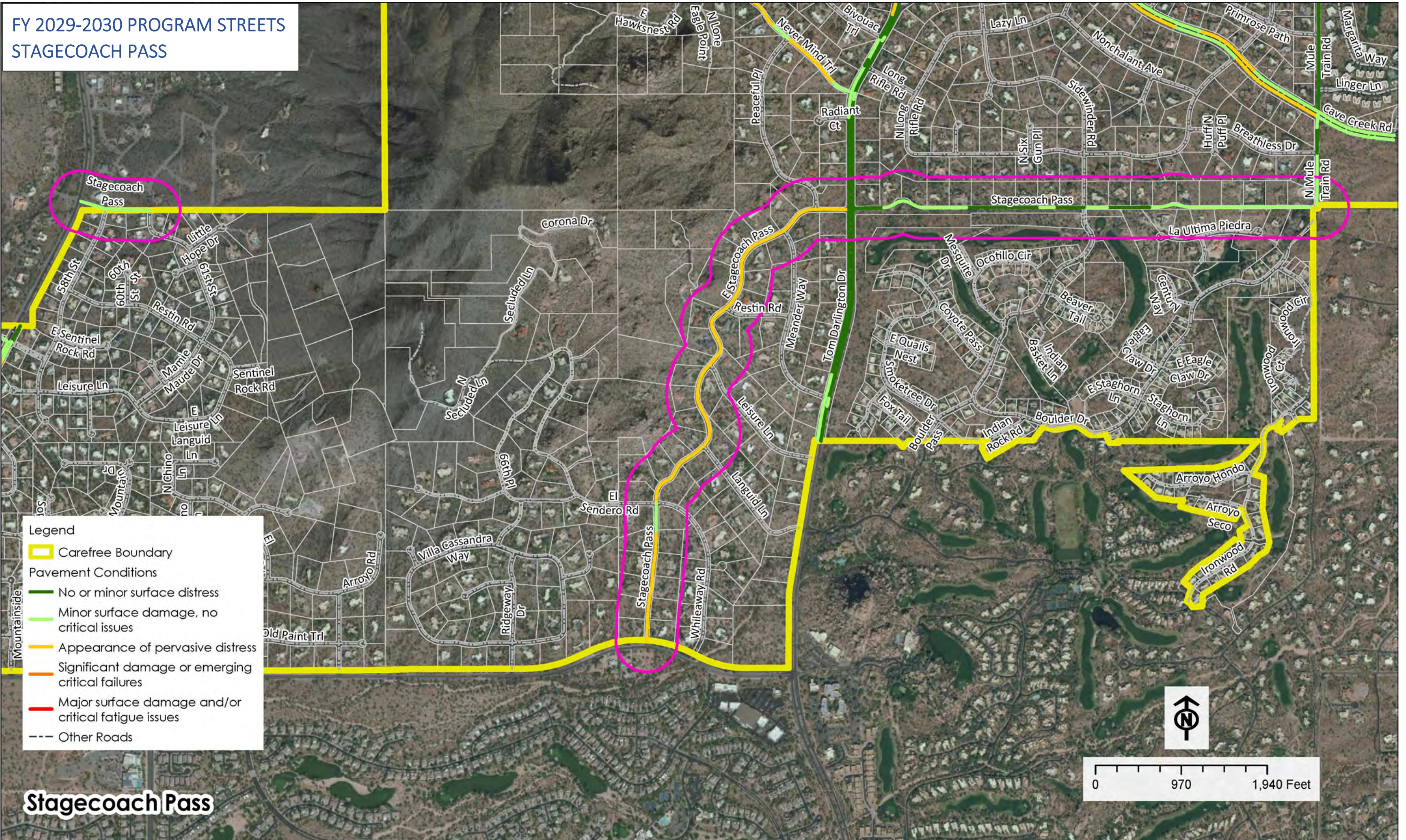










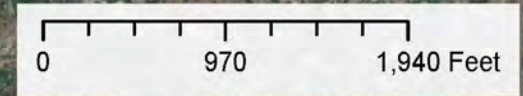


FY 2029-2030 PROGRAM STREETS
STAGECOACH PASS

Legend

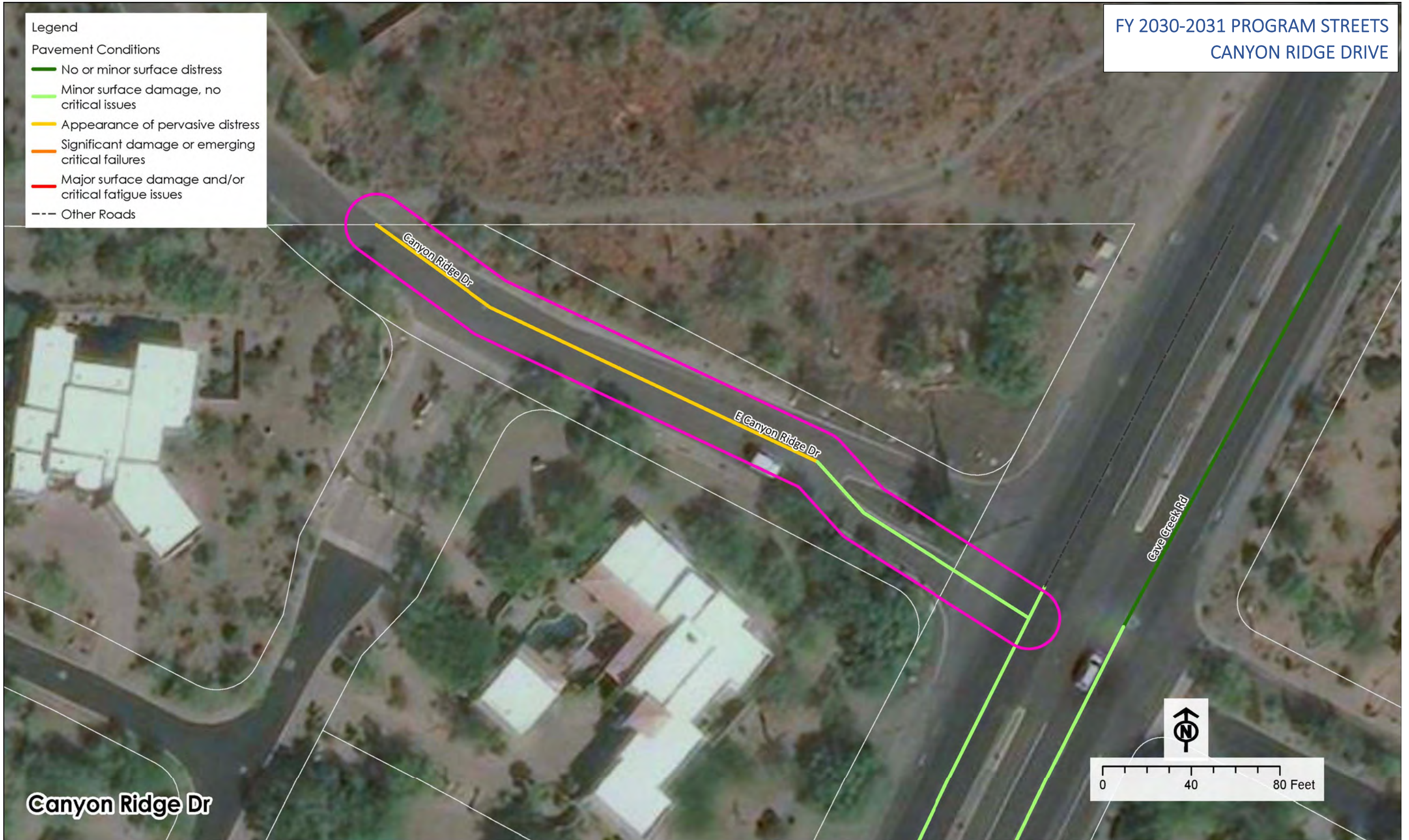
- Carefree Boundary
- Pavement Conditions**
- No or minor surface distress
- Minor surface damage, no critical issues
- Appearance of pervasive distress
- Significant damage or emerging critical failures
- Major surface damage and/or critical fatigue issues
- Other Roads

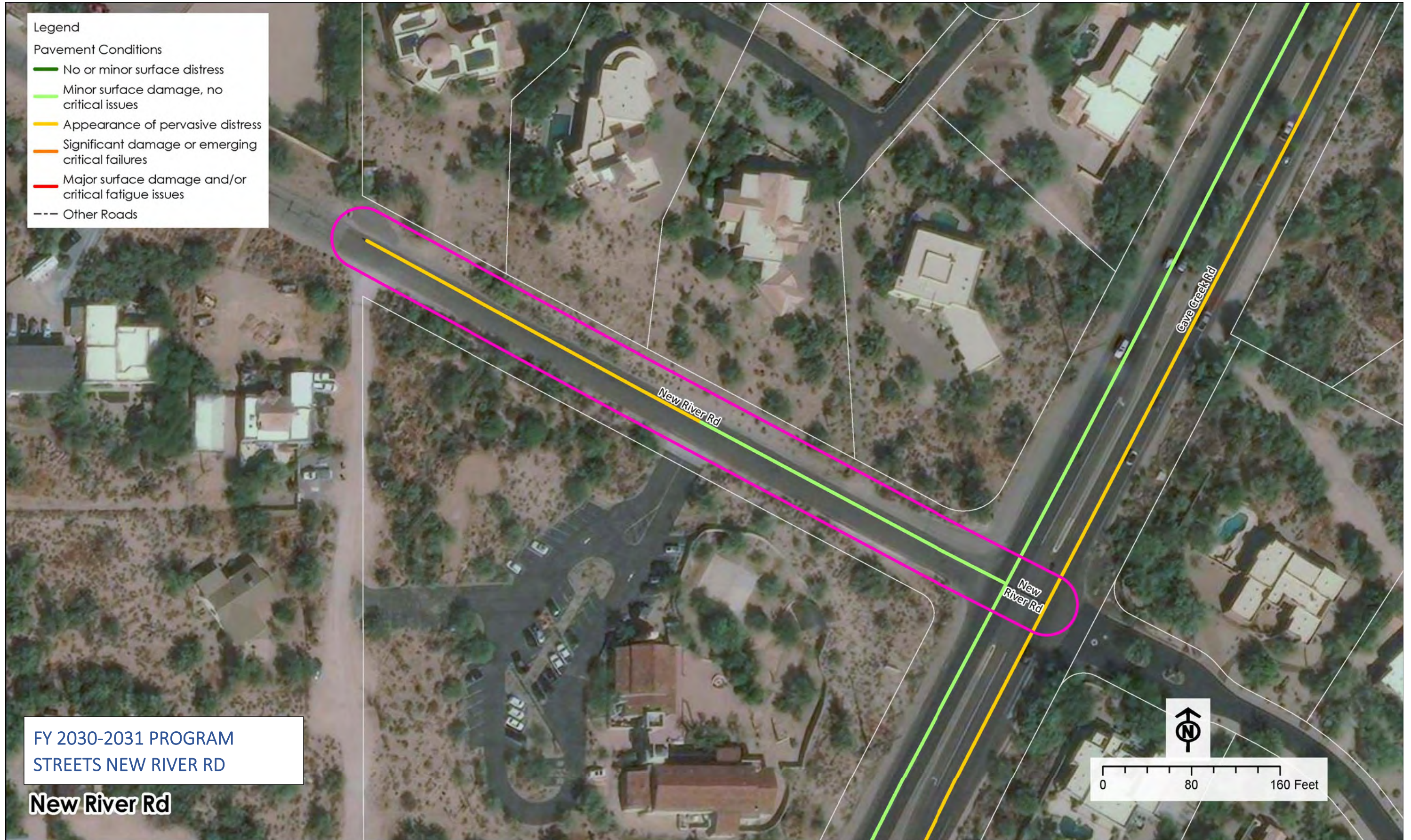
Stagecoach Pass

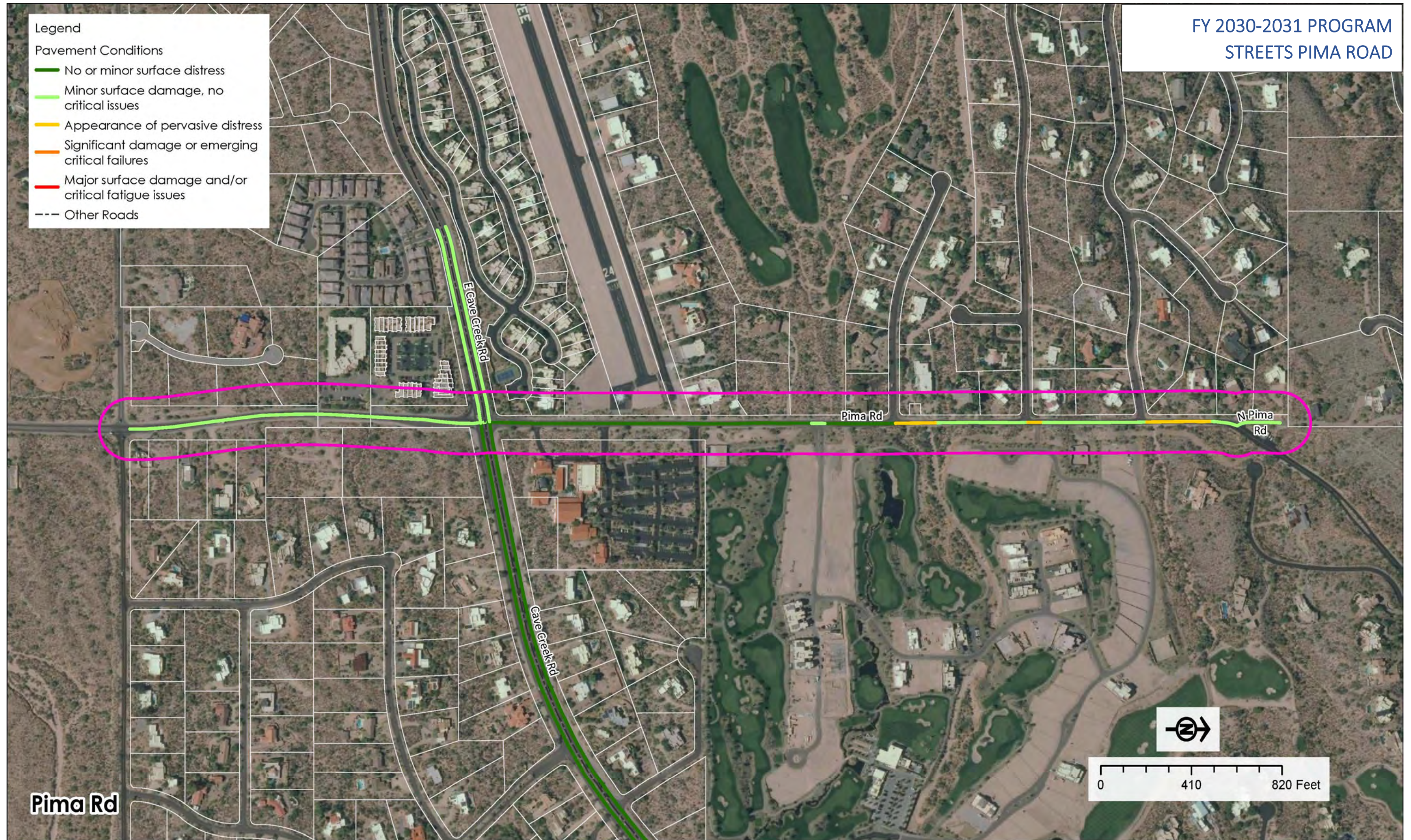


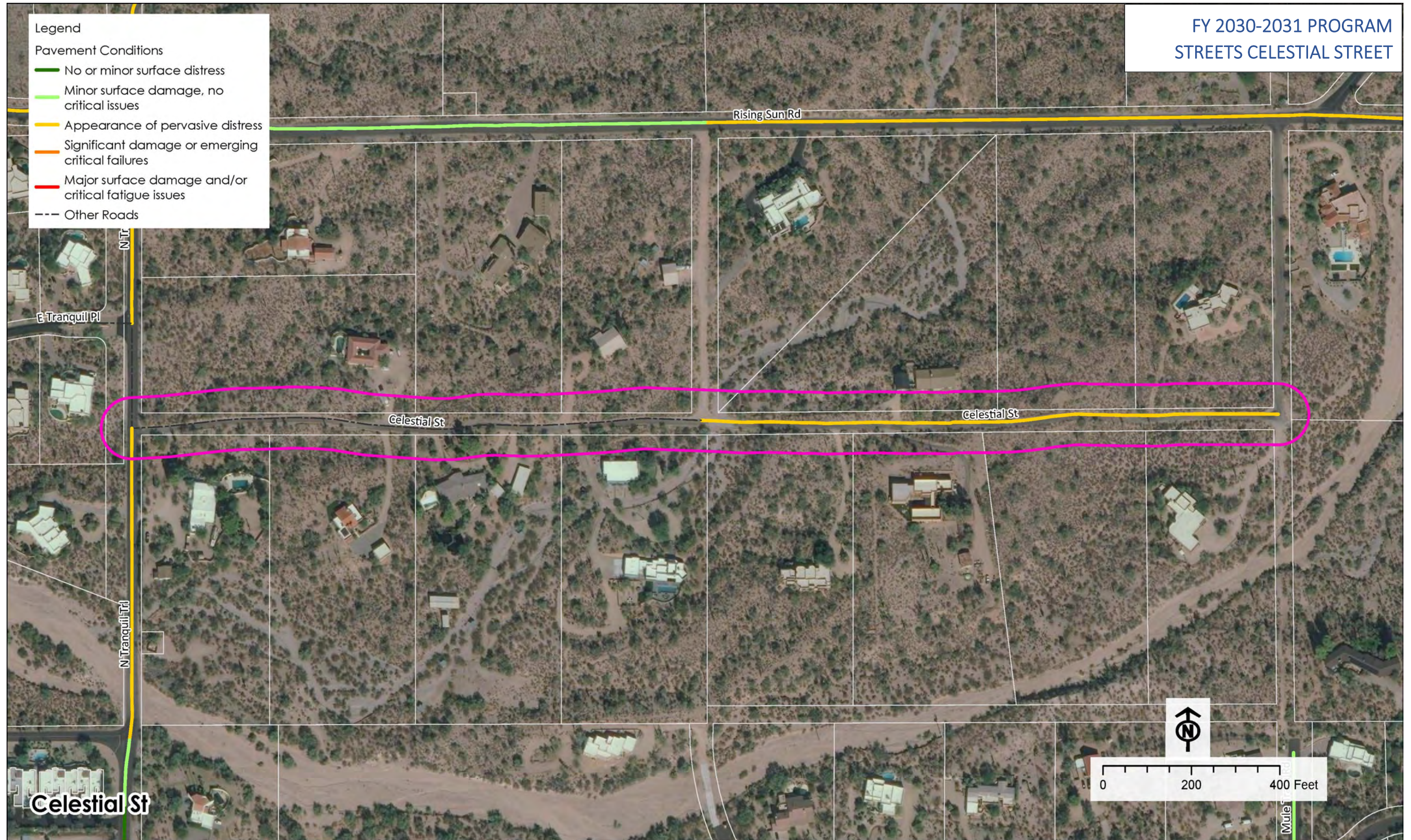
FY 2030-2031 PROGRAM STREETS
CANYON RIDGE DRIVE

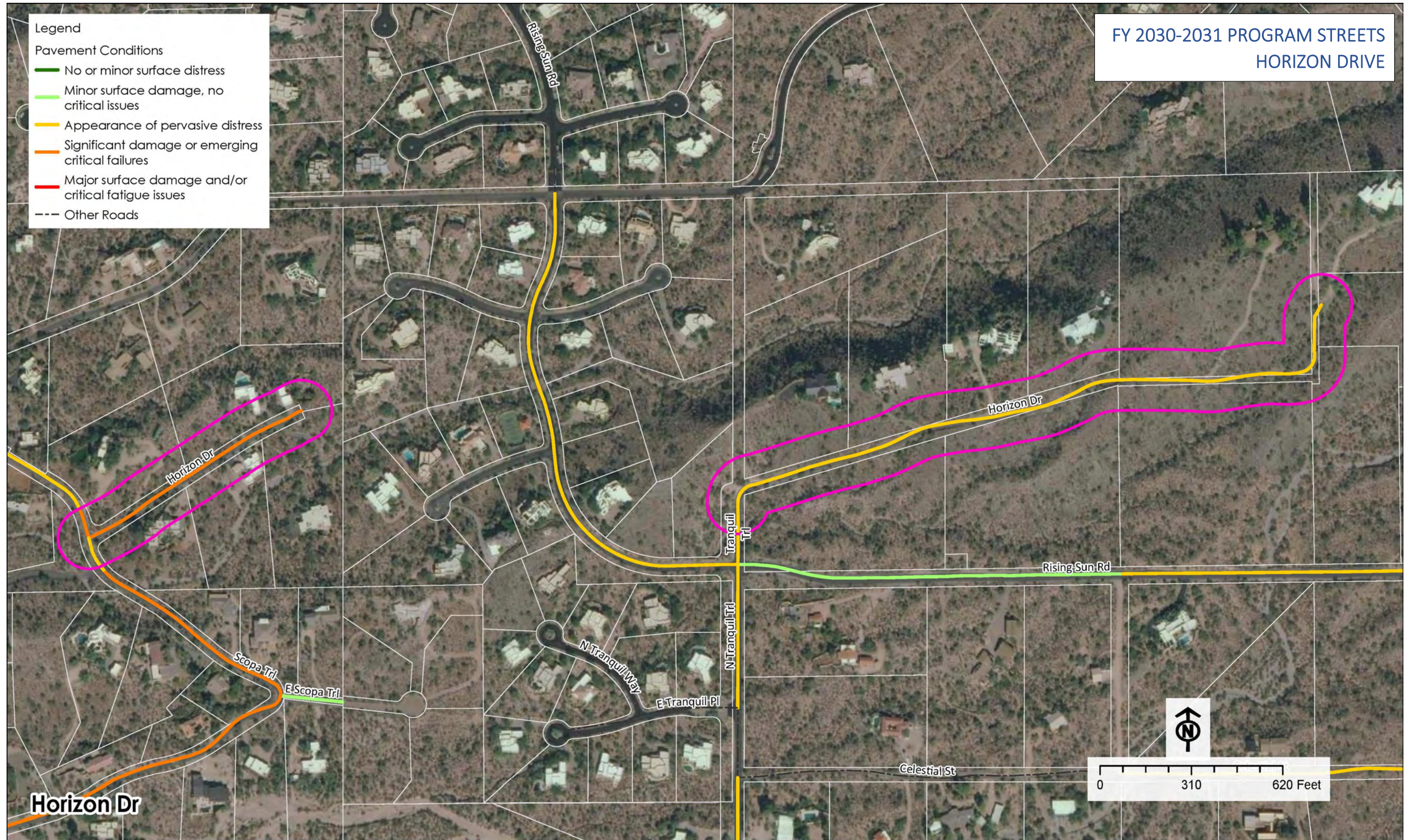
- Legend
- Pavement Conditions
- No or minor surface distress
 - Minor surface damage, no critical issues
 - Appearance of pervasive distress
 - Significant damage or emerging critical failures
 - Major surface damage and/or critical fatigue issues
 - Other Roads

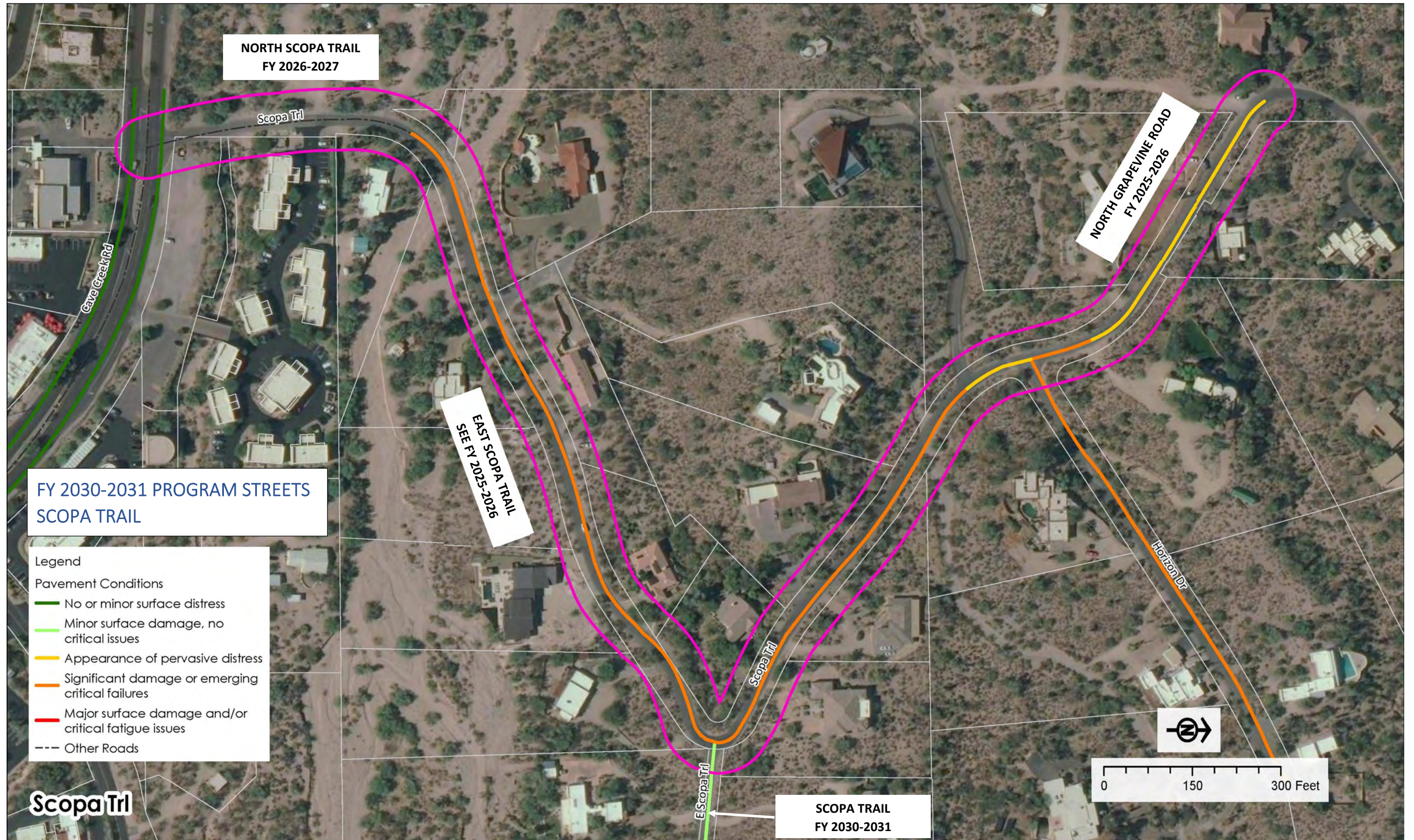


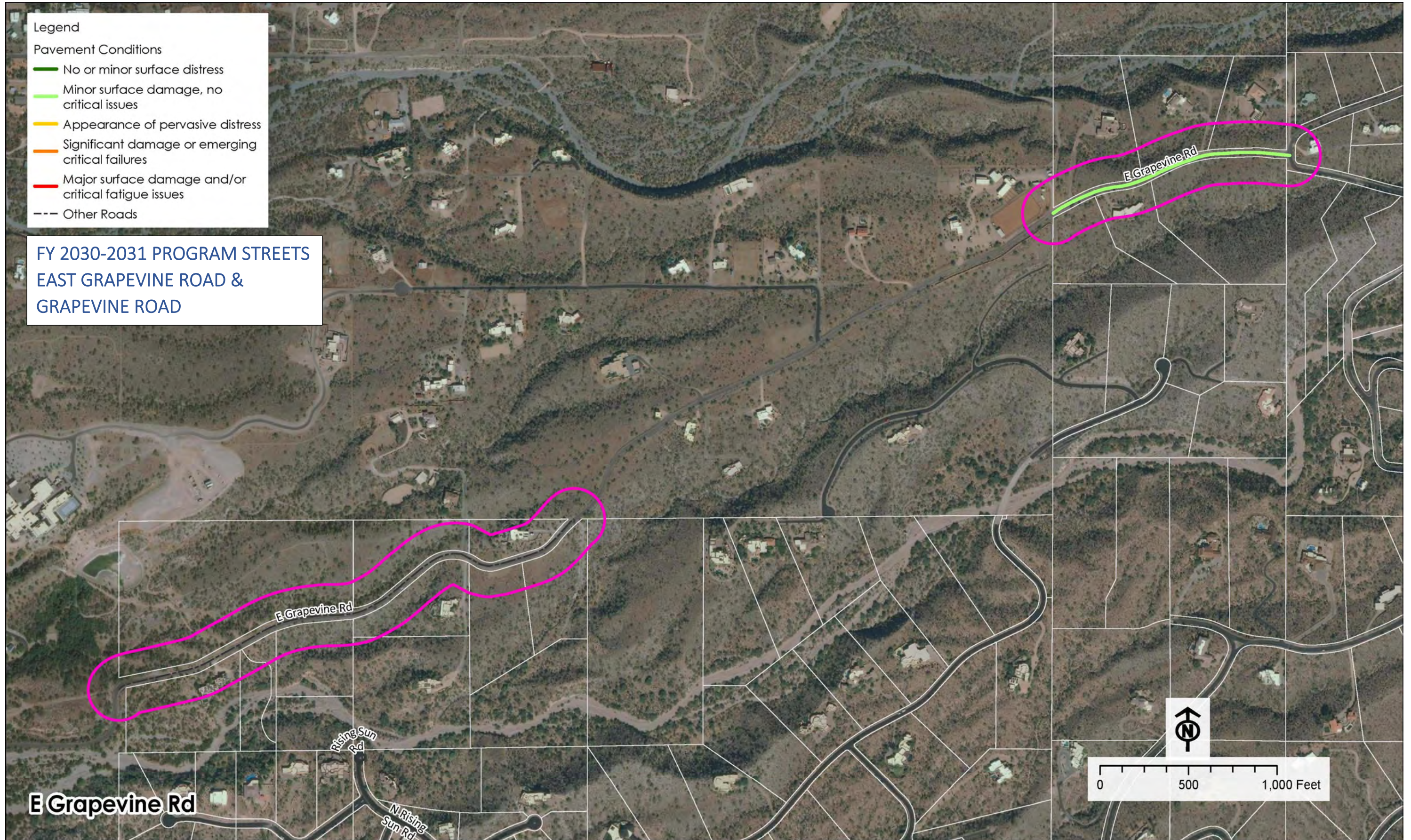


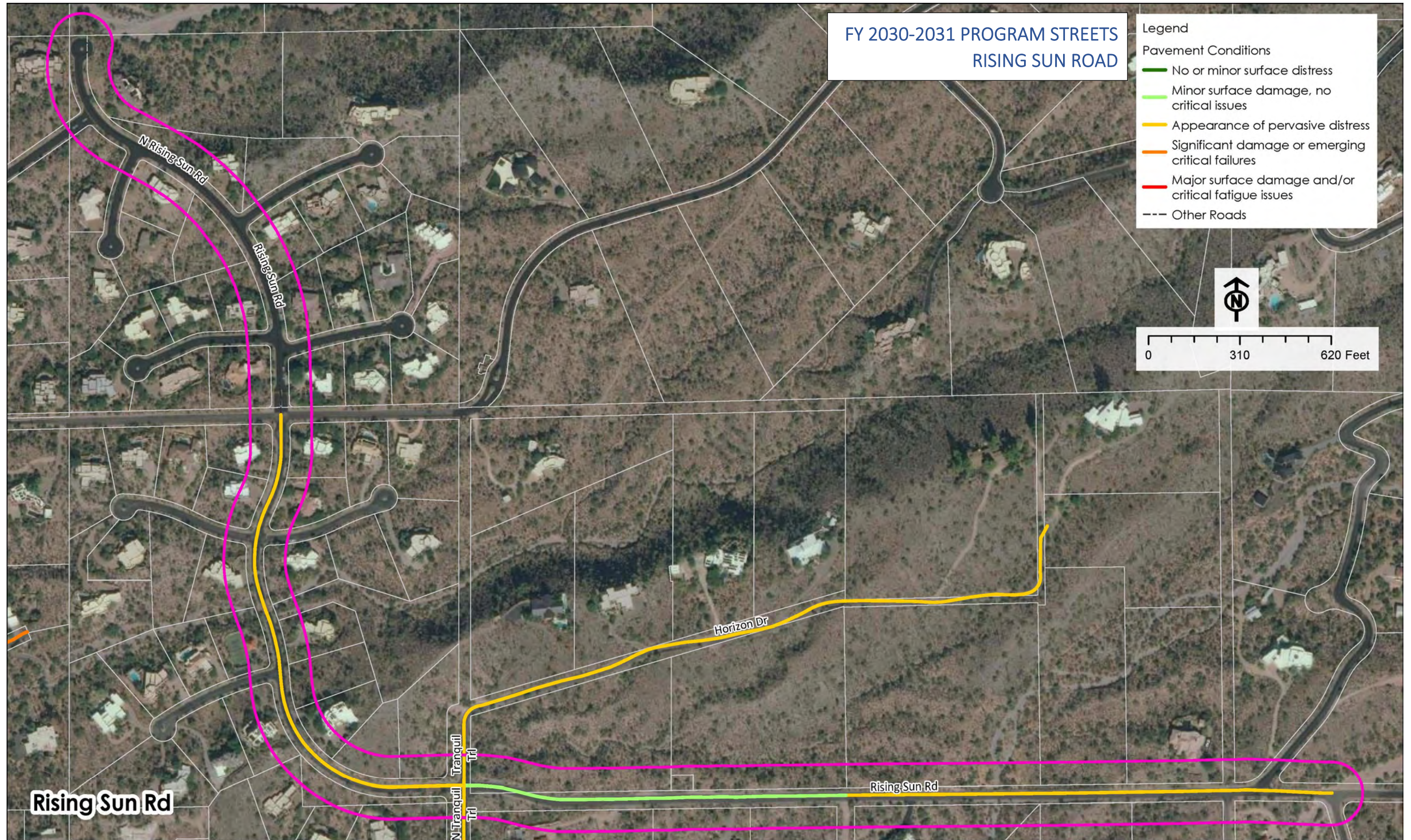


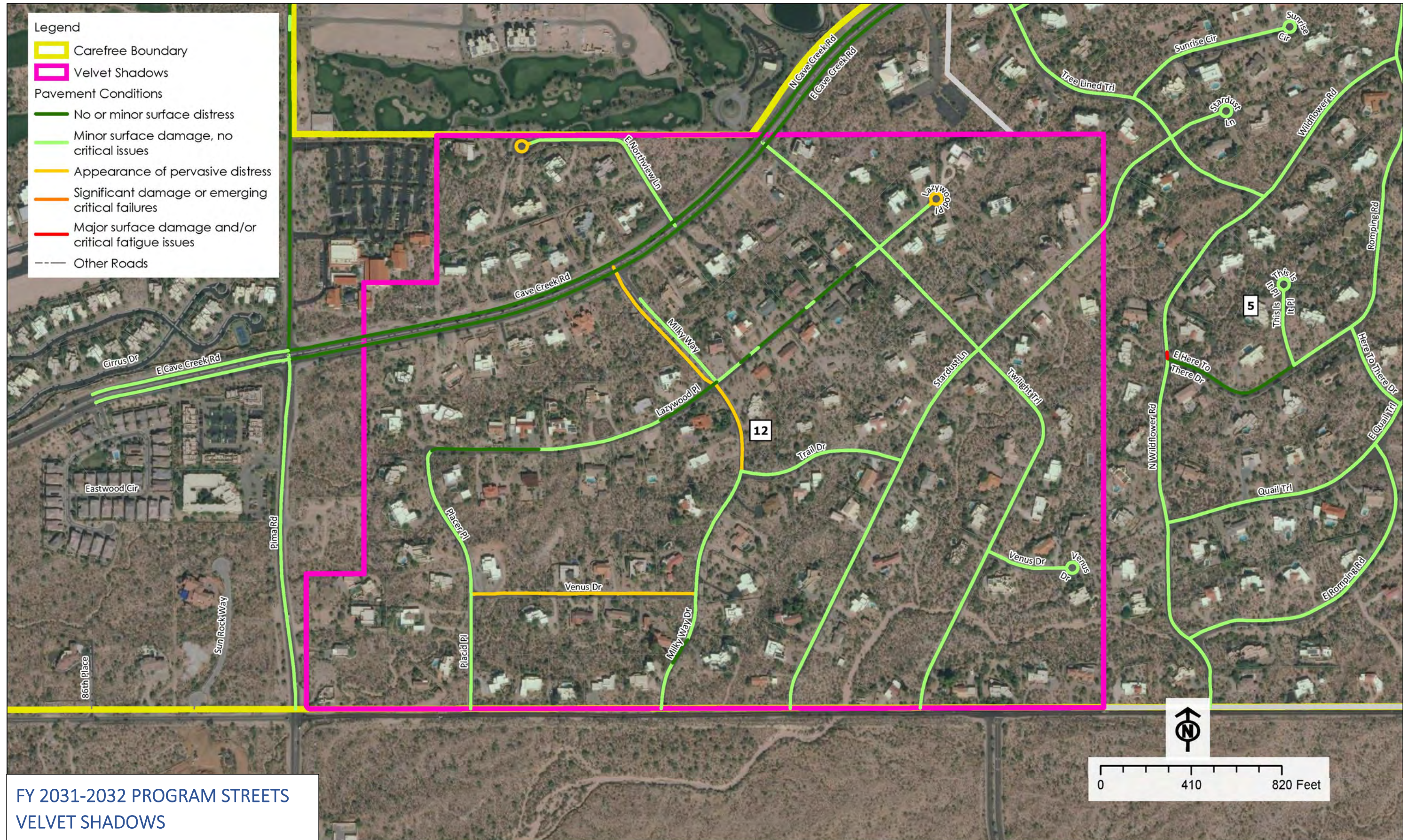


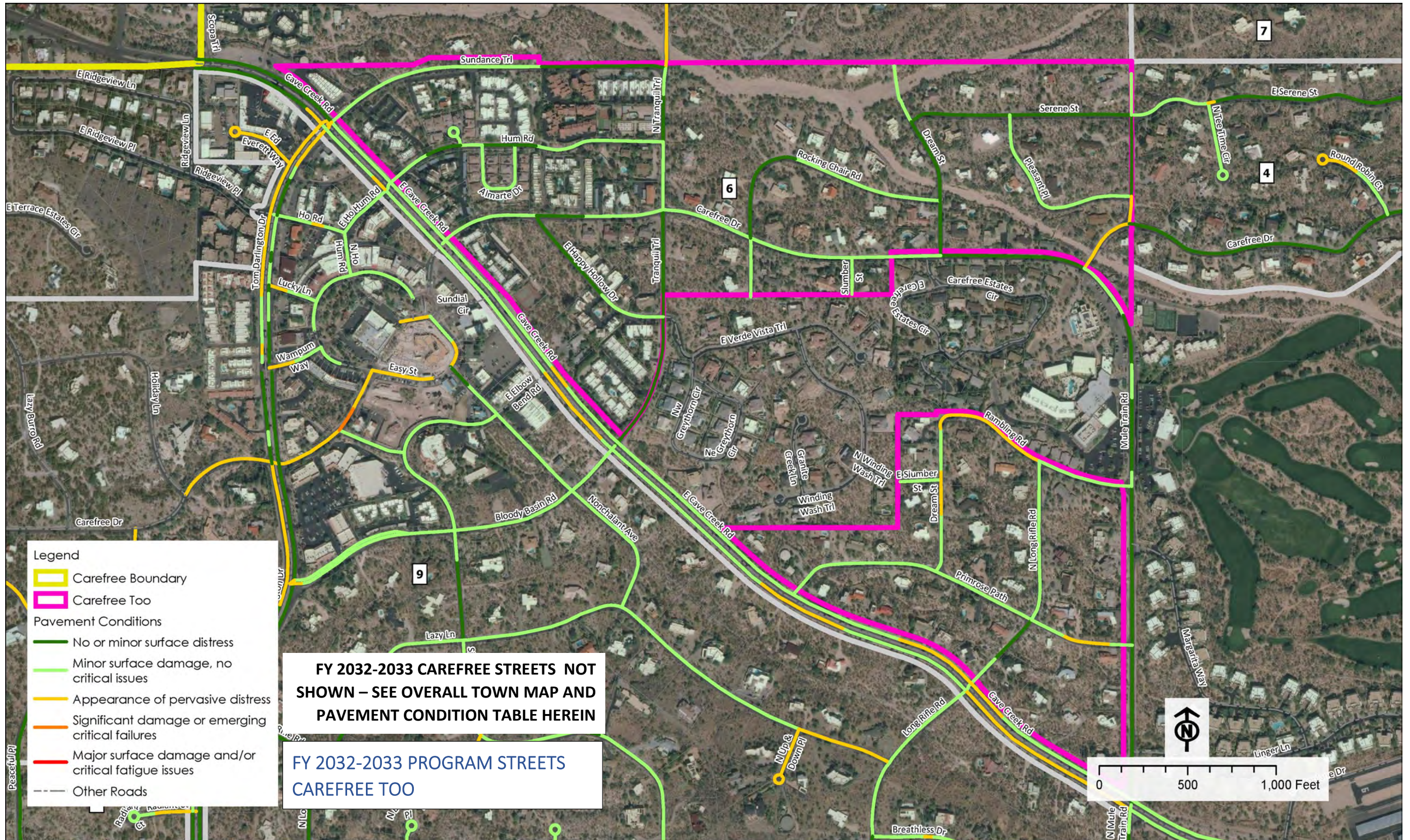


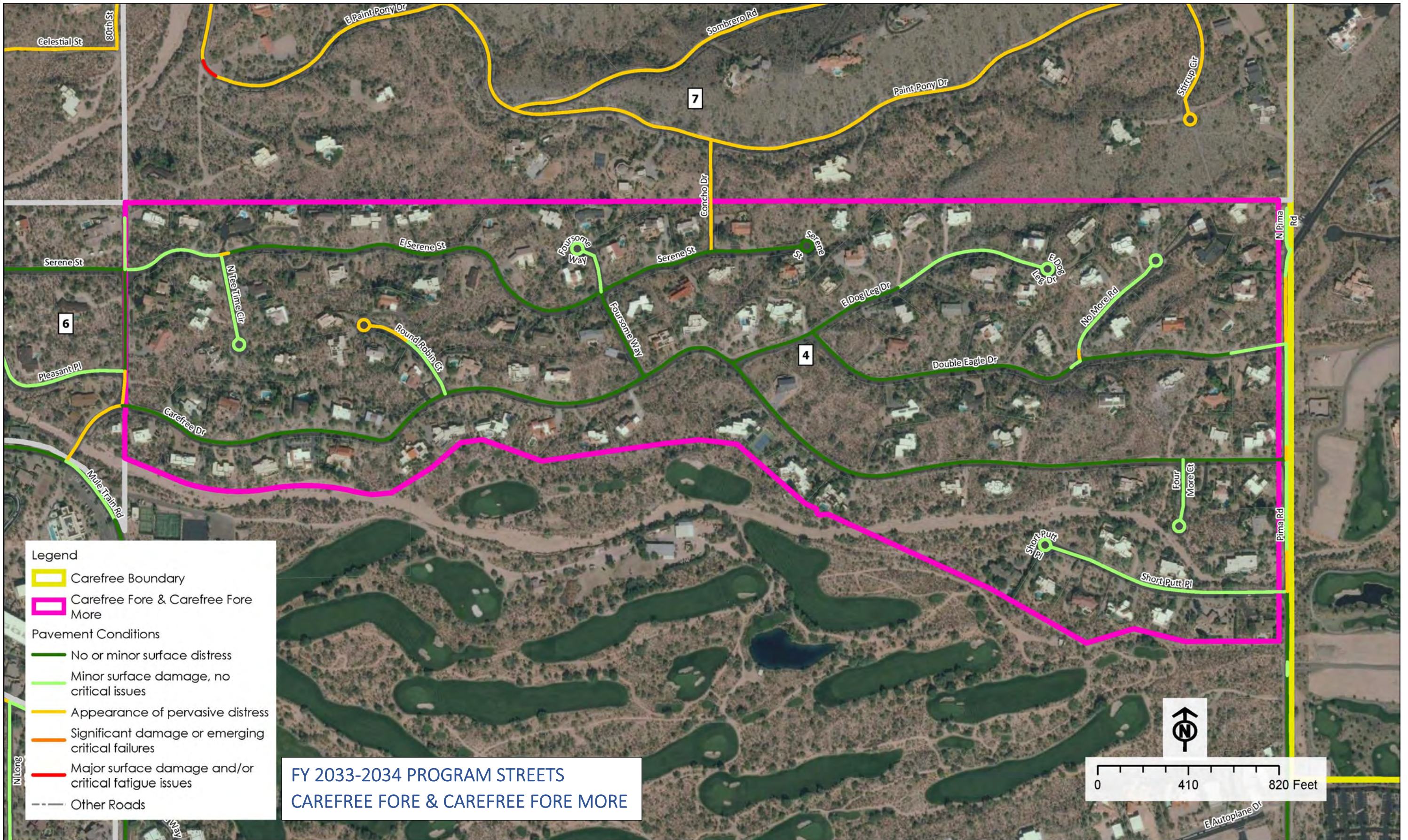












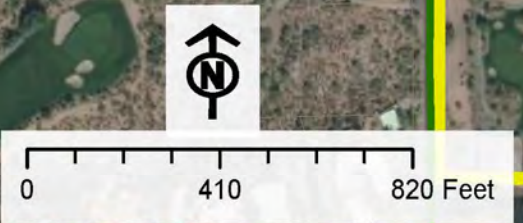
Legend

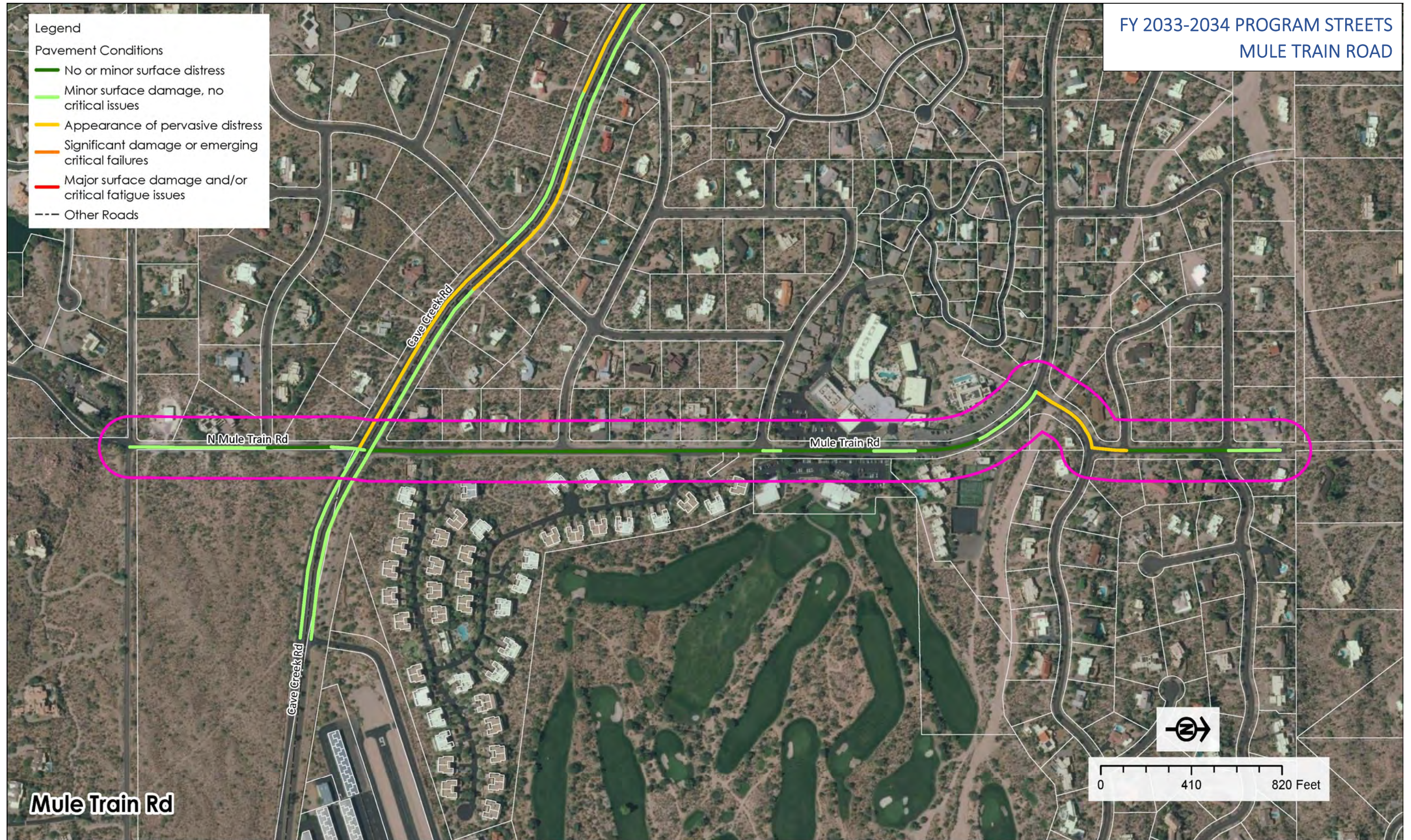
- Carefree Boundary
- Carefree Fore & Carefree Fore More

Pavement Conditions

- No or minor surface distress
- Minor surface damage, no critical issues
- Appearance of pervasive distress
- Significant damage or emerging critical failures
- Major surface damage and/or critical fatigue issues
- Other Roads

**FY 2033-2034 PROGRAM STREETS
CAREFREE FORE & CAREFREE FORE MORE**







PAVEMENT PRESERVATION PROGRAM

TABLE OF CONTENTS

Contents

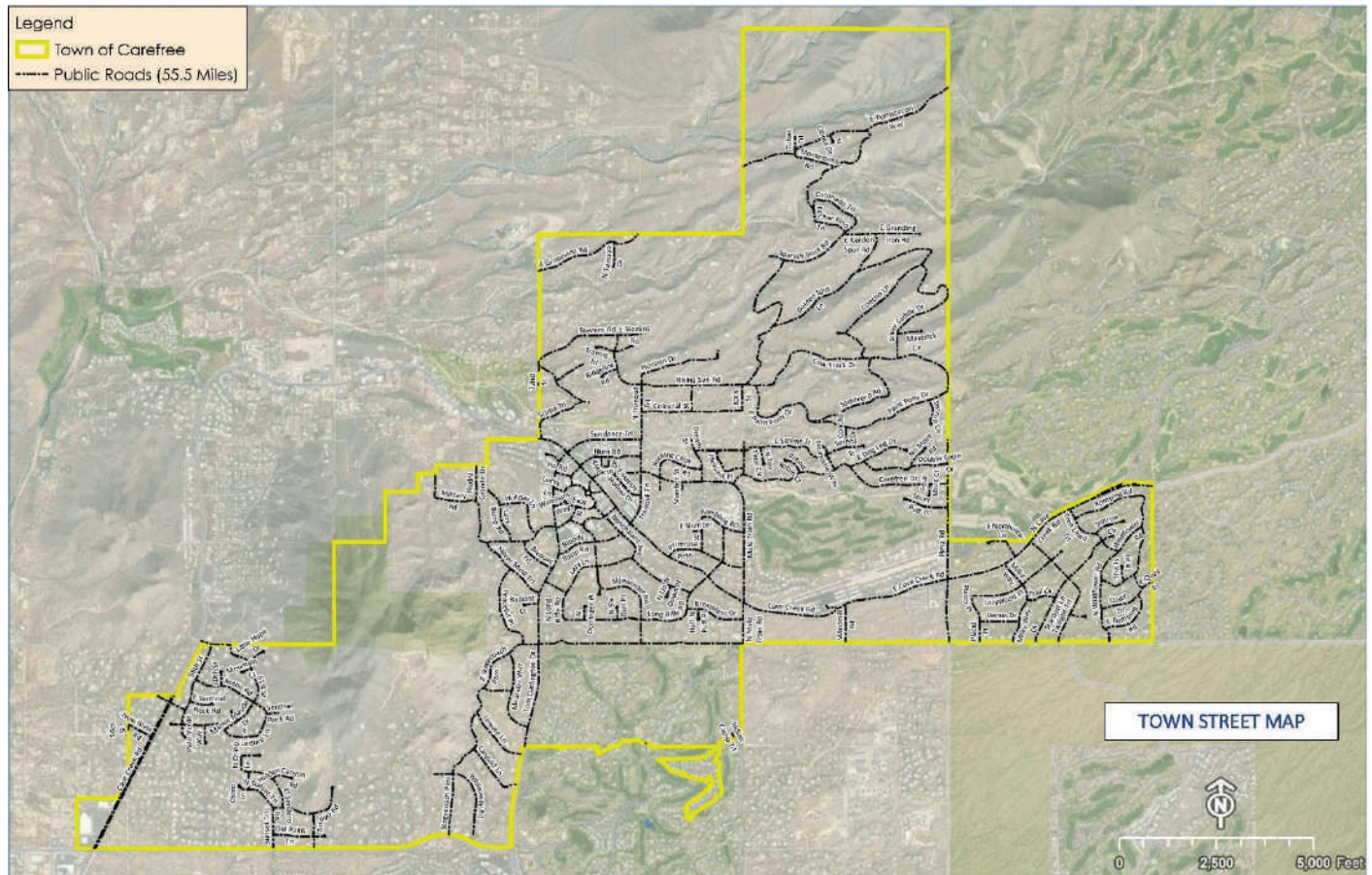
TABLE OF CONTENTS.....	2
INTRODUCTION.....	3
STREET SYSTEM INVENTORY.....	5
STREET SYSTEM INVENTORY.....	5
FUNCTIONAL CLASSIFICATIONS.....	7
PAVEMENT CONDITION ASSESSMENT AND RATINGS.....	10
ROADBOTICS DATA COLLECTION & STREET INVENTORY OVERVIEW.....	10
PAVEMENT CONDITIONS RATINGS.....	10
PAVEMENT SURFACE DISTRESS CONDITIONS.....	14
POTHOLES.....	14
FATIGUE CRACKING.....	15
PAVEMENT DISTORTIONS.....	16
PATCHES AND SEALANT.....	18
TRANSVERSE AND LONGITUDINAL CRACKING.....	19
SURFACE DETERIORATIONS.....	20
OTHER PAVEMENT DISTRESS & DAMAGE.....	21
PAVEMENT REHABILITATION STRATEGIES.....	22
PAVEMENT DETERIORATION.....	22
PAVEMENT REHABILITATION STRATEGIES.....	22
PAVEMENT PRESERVATION PROGRAM.....	28
PAVEMENT REHABILITATION METHODS.....	28
BUDGETARY COSTS.....	31
EVALUATION CRITERIA.....	32
PAVEMENT PRESERVATION PROGRAM.....	34
IMPLEMENTATION PLAN.....	36
FUNDING.....	42
SYNOPSIS.....	43

INTRODUCTION

The Town of Carefree has a ‘Pavement Preventative Maintenance Plan 2012-2022’ in place and in use. As this plan is 10 years old, the Town recognizes the need to update the pavement condition information, re-evaluate the pavement maintenance program, and adopt a new ‘Pavement Preservation Program’ for the community.

This ‘Pavement Preservation Program’ study effort and report is intended to address these needs. The study included completion of a compilation and review of available documents, an inventory of the Town streets, and an assessment of the street pavement conditions for the overall roadway network within the Town of Carefree. This data was then utilized to develop the pavement preservation program and implementation plan.

The study area includes the public streets within the Town limits as shown on the *Town Street Map* contained in the accompanying Appendix. A smaller version is shown below.



The effective life of an asphalt pavement is heavily dependent on its environment. Seasonal temperature fluctuations results in the expansion and contraction of the asphalt. The sun’s ultraviolet light results in oxidation of the asphalt surface and an increase in the asphalt’s rigidity. These two factors result in the eventual cracking of the asphalt. These cracks, if not properly sealed, can allow stormwater to penetrate into the pavement structure and degrade the supporting capabilities of its base and subgrade. The stresses induced by the weight of the passing vehicles and from their turning movements contribute to the continued distress of the asphalt. A preventative preservation and maintenance program is needed to mitigate these natural and physical factors and extend the life of the asphalt.

An effective multi-year pavement management plan offers a systematic approach to maintenance that provides long-term financial savings, protects the overall pavement system condition, extends pavement life, and to some extent

helps improve roadway safety. To its credit, the Town of Carefree has maintained a Preventative Maintenance Program for its streets. The previous program and this pavement preservation program contain a ten-year planning horizon that enables the Town to project the costs and address the recommended pavement preservation methods and measures.

Statistics:

Population	3,690 (2020 Census)
Elevation	2,620 feet
Length of Public Streets within Town Limits	110 lane miles
Area within Town Limits	8.8 square miles (approximate)

Acknowledgements:

Key members of the project study team include:

Gary Neiss, Town Administrator

Mark Milstone, PE, Town Engineer

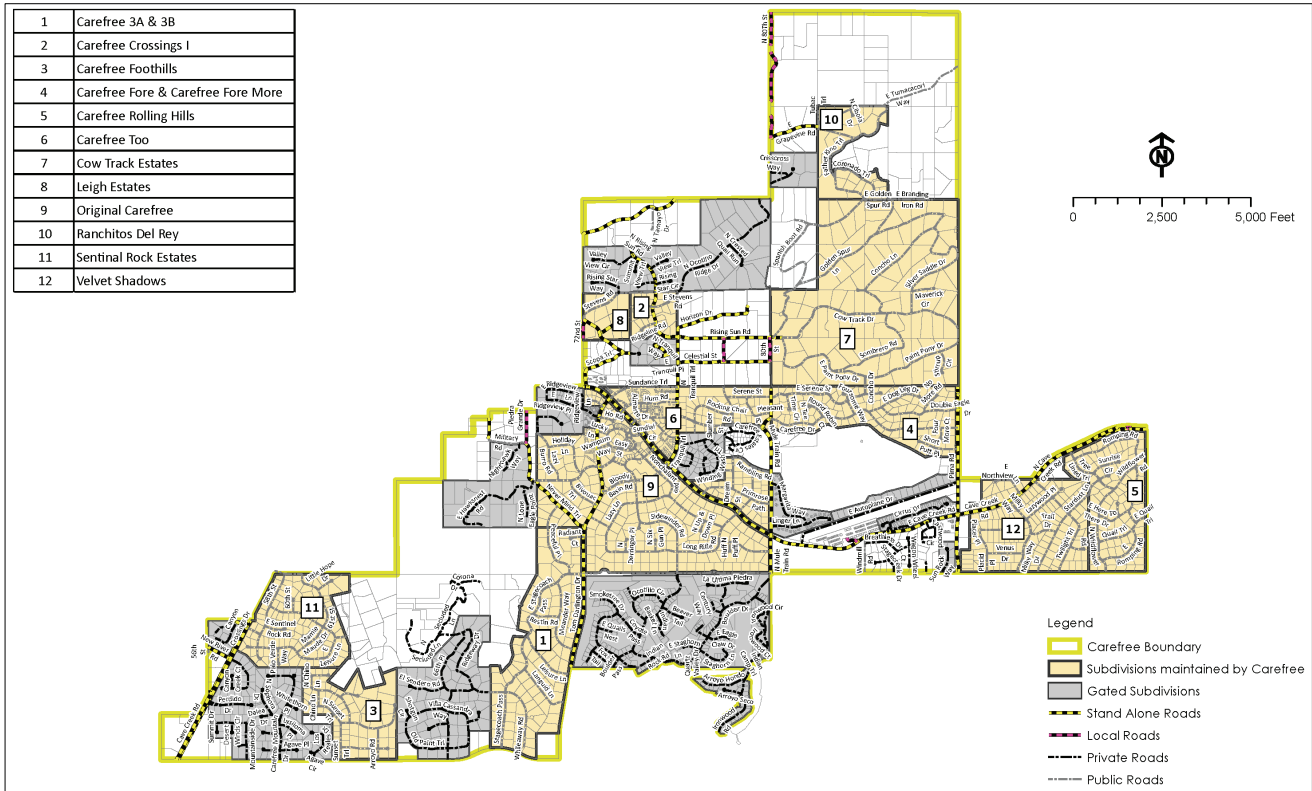
Stacey Bridge-Denzak, Town Planning Director

Dale Miller, PE, Project Manager, Rick Engineering Company

STREET SYSTEM INVENTORY

STREET SYSTEM INVENTORY

The *Town Street Map* referenced in the Introduction section provides an inventory of all the public streets maintained by the Town of Carefree. In addition, the Town has typically performed street maintenance and improvement by subdivision and for standalone streets. The subdivisions with public streets are shown on the *Town of Carefree Subdivision Map* contained in the accompanying Appendix. A smaller version is shown below.



The total length of public street in each subdivision are reported in the following table.

CAREFREE SUBDIVISION STREET INVENTORY		
Subdivision	Street Length (feet)	Street Length (miles)
Carefree 3A & Carefree 3B	11,169	2.12
Carefree Crossings I	5,197	0.98
Carefree Foothills	9,940	1.88
Carefree Fore & Carefree Fore More	14,599	2.77
Carefree Rolling Hills	15,763	2.99
Carefree Too	21,172	4.01
Cow Track Estates	37,040	7.02
Leigh Estates	2,743	0.52
Original Carefree	41,845	7.93

CAREFREE SUBDIVISION STREET INVENTORY		
Subdivision	Street Length (feet)	Street Length (miles)
Ranchitos Del Ray	9,519	1.80
Sentinal Rock Estates	16,462	3.12
Velvet Shadows	15,666	2.97
Totals	201,115	38.11

The total length of public standalone streets and collective local streets are reported in the following table.

CAREFREE STANDALONE & LOCAL STREETS		
Street Name	Street Length (feet)	Street Length (miles)
Canyon Ridge Drive	858	0.16
Celestial Street	2,582	0.49
East Cave Creek Road	37,102	7.03
East Grapevine Road	5,123	0.97
Horizon Drive	2,166	0.41
New River Road	650	0.12
East Scopa Trail	1,170	0.22
Stagecoach Pass	12,233	2.32
Grapevine Road	1,380	0.26
80th Street	675	0.13
North Cave Creek Road	10,019	1.90
North Grapevine Road	877	0.17
Mule Train Road	4,161	0.79
Never Mind Trail	1,734	0.33
Pima Road	5,227	0.99
North Scopa Trail	426	0.09
Tom Darlington Drive	16,065	3.04
Tranquil Trail	1,688	0.32
Rising Sun Road	2,567	0.49
Scopa Trail	934	0.18
Spanish Boot Trail	3,574	0.68
Carefree Streets - Local	8,529	1.62
Totals	119,740	22.71

FUNCTIONAL CLASSIFICATIONS

Federal functional classification (FFC) is the grouping of highways, roads, and streets by the character of service they provide and was developed for transportation planning purposes. Basic to this process is the recognition that individual routes do not serve travel independently in any major way. Rather, most travel involves movement through a network of roads and streets. Comprehensive transportation planning, an integral part of total economic and social development, uses functional classification to determine how travel can be channelized within the network in a logical and efficient manner. Functional classification defines the part that any particular route should play in serving the flow of trips through a highway network.

Functional classification is used by transportation agencies in a number of ways, from design to maintenance. The hierarchical system correlates the purpose of a roadway with all the external factors transportation agencies handle. The functional classification of a roadway is often a factor in decision-making by transportation agencies.

Program and Project Prioritization: In a climate of constrained resources, functional classification often plays a role in the prioritization of expenditures. Transportation agencies have developed separate funding programs to support the roadway systems that serve their longest travel distance.

Asset Management: Functional classification plays a role in transportation agencies' asset management programs, as agencies generally work to preserve and protect their most important assets - those that serve the most people and goods.

Safety Programs: Functional classification is used by transportation agencies to evaluate the safety of their roadways and implement safety improvement programs. Agencies consider the classification of the roadway in evaluating the significance of crash rates.

Roadway Design: There is a correlation between functional classification and design. Lower class roadways typically have lower speed limits, narrower lanes, steeper curves, etc., while higher class roadways have higher speed limits, wider lanes, and fewer sharp curves.

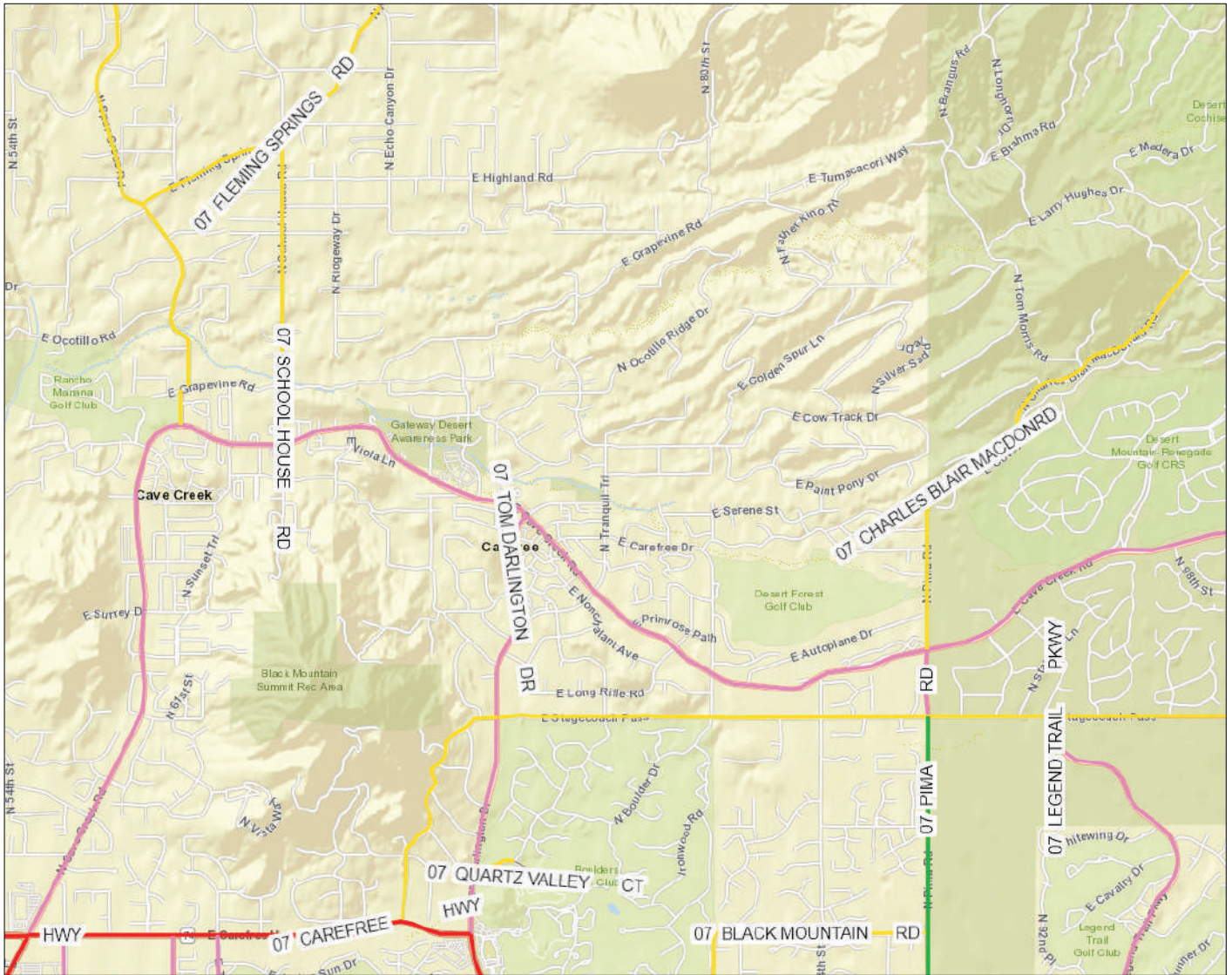
Traffic control: Transportation agencies look to functional class to determine the most appropriate intersection control measure to use.

Maintenance: Functional classification often plays a role in resurfacing cycles, which is related to asset management and project prioritization. The classification of a roadway may impact the prioritization of general maintenance work.

Factors assessed to determine the Federal Functional Classification of a street include the following.

- Function – mobility versus land access.
- Destination – serves public services, health/medical centers, parks, schools, commerce, and industry.
- Design – number and width of lanes, medians, number of ingress/egress points, speed, etc.
- Context – urban or rural and adjacent land uses.
- Topology – hierarchical connectivity.
- Quantitative – mileage range quotas.

Local roads should account for at least 65% of all road mileage in a jurisdiction while collectors and arterials combined should account for no more than 35% of all road mileage.



Federal Functional Classification Map

The above map shows the federal functional classified streets. All streets within the Town of Carefree are local streets except for the major streets denoted below.

Street	Functional Classification	Color Code Legend
Pima Road south of Cave Creek Road	Urban Minor Arterial	Green
Cave Creek Road	Urban Major Collector	Pink
Tom Darlington	Urban Major Collector	Pink
Pima Road north of Cave Creek Road	Urban Minor Collector	Yellow
Stagecoach Pass	Urban Minor Collector	Yellow

There are three primary functional classes as defined by the United States Federal Highway Administration:

Arterial: Arterial roads generally provide the fastest method of travel and typically have low accessibility from neighboring roads. They are usually designed with long-distance travel in mind and are not as common as the other two functional classes of roads. Examples include interstates, freeways, and major/minor highways.

Collector: Collector roads are the second most common and are used as a connection between local roads and arterial roads. They provide a balance between access and mobility.

Local: Local roads are the most common roads by far but are also the slowest for travel. They are designed specifically to have high accessibility, to connect to collector and arterial roads, and are typically not used for through traffic. The main functions of local roads are to allow for people who live in low density residential areas to connect to other residential areas or to collector roads.

Criteria used to functionally classify roads include:

- Traffic Counts
- Serving Major Activity Centers – schools, hospitals, sporting facilities, public services, etc.
- Connectivity – terminate at a road with the same or higher functional classification.

Local roads should account for no less than 65% of all road mileage in the jurisdiction while collectors and arterials should account for no more than 35% of all road mileage.

PAVEMENT CONDITION ASSESSMENT AND RATINGS

The pavement condition assessment and ratings for the Town's public street system were collected and analyzed using RoadBotics™ software and tools.

ROADBOTICS DATA COLLECTION & STREET INVENTORY OVERVIEW



RoadBotics™ is an infrastructure technology company that uses artificial intelligence (AI) to assist local governments and engineering firms make data-driven pavement management decisions. The cloud-based software tool provides affordable and objective road inventories and pavement condition assessments. RoadBotics™ simplifies the data collection process by using a smartphone to capture images of the road. RoadBotics™ then uses machine learning algorithms (AI) to automate the road rating process.

The online RoadBotics™ database for the Town's study area includes the following information:

- Street System Inventory Map
- Photographic Image every 10-feet (time/dates stamped with GPS location)
- Appurtenant Facilities Presence (curb/gutter sections, sidewalks & ADA ramps, signage and striping, and storm drainage facilities)
- Street Pavement Condition Ratings (Scale 1 Excellent to 5 Critical)
- High-Definition Pavement Condition Index (HD-PCI)
- Individual Distress Identification (Type & Location)

PAVEMENT CONDITIONS RATINGS

Every public roadway within the Town of Carefree was inventoried and evaluated to assess the pavement conditions and determine pavement condition ratings for each paved street segment.

The collected data was evaluated by RoadBotics™ using an artificially intelligent algorithm that develops a numerical rating to describe the overall roadway condition for each segment. In addition, for each segment, a photographic image is produced and stored every 10 feet to document roadway conditions at the time of inspection. After identifying pavement surface distresses in an image, the RoadBotics™ algorithm automatically generates a numerical pavement condition rating from 1 (excellent condition) to 5 (critical condition) for each image, which represents a 10-foot longitudinal section of a roadway. This condition rating is generated based on the type, frequency, and density of distresses. Output from this program integrates pavement conditions, pavement distresses with a photo inventory of every street segment and stores the information on a single cloud-based platform, which makes it accessible to the Town from any computer or tablet in the office or in the field.

RATING
1

No or minor surface distress

RATING
2

Minor surface damage,
no critical issues

RATING
3

Appearance of pervasive
distresses

RATING
4

Significant damage or
emerging critical failures

RATING
5

Major surface damage
and/or critical fatigue issues

The table below sets forth the RoadBotics™ pavement condition rating system.

PAVEMENT CONDITION RATING SYSTEM				
RoadBotics™ Ratings		General Description	ASTM Rating	
Rating	Condition		PCI	Rating
1	Excellent	No surface damage and no critical issues	85–100	Excellent
2	Minor Defects	Beginning to show typical wear and tear. No critical issues.	70–85	Very Good
2.5	Moderate Defects	Aging pavement surface, moderate wear and tear, increased reflective cracking, slight rutting.	55–70	Good
3	Fair	Appearance of pervasive surface distresses. Important issues on the pavement surface are beginning to show.	40–55	Fair
4	Poor	Significant damage or emerging critical failures. The road damage is beginning to exacerbate.	25–40	Poor
4.5	Very Poor	Alligator cracking 10%-20% of pavement area, extensive longitudinal/transverse cracking, patches, & pavement edge cracking and failures.	10–25	Very Poor
5	Critical	Major surface damage and/or critical fatigue issues are present on the road surface.	00–10	Failed

The Pavement Condition Index (PCI) rating system refers to a pavement condition index that also identifies the general condition of roadway. PCI is a numerical rating of the pavement condition based on the type and severity of distresses observed on the pavement surface. The PCI value of the pavement condition is represented by a numerical index between 0 and 100, where 0 is the worst possible condition and 100 is the best possible condition (see the right column on the above table). This method is based on a visual survey of the number and types of distresses in a pavement. The type and extent of existing distresses and their severity level are collected, and the distress densities are calculated for each type of distress. This index process has been standardized in ASTM D6433-11, Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys.

The *Pavement Condition Rating System* table above provides the RoadBotics™ rating system along with the PCI rating system. RoadBotics™ output provides the PCI ratings for each of the street segments as well as their corresponding 1 through 5 pavement condition rating.

Data Collection: The Town's streets were driven over a three-day period on Tuesday 08/31, Thursday 09/02, and Monday 10/04. The data was collected using a smartphone mounted to the vehicle dashboard. The phone, loaded with RoadBotics™ data collection software, recorded the roadway conditions and the collected photographic images every 10-feet. The data was then downloaded and analyzed by RoadBotics™ to provide the roadway inventory and pavement condition output.

See the *Pavement Condition Ratings Overall Town Map* and the *Pavement Condition Ratings Street Segment Table* contained in the accompanying Appendix for a complete listing and an overview (maps and table) of the RoadBotics™ data output. The data includes the street segment length, RoadBotics™ rating, HD-PCI rating, number of potholes and percent of pavement distresses per street segment.

A summary listing of the composite street pavement condition ratings by Subdivision and by Standalone Streets and Local Streets follow. The number of potholes found are also included in the summary tables.

PAVEMENT CONDITION RATINGS SUMMARY REPORT - CAREFREE SUBDIVISIONS					
Subdivision	Street Length (feet)	Street Length (miles)	RoadBotics Rating	HD-PCI Rating	# of Potholes
Carefree 3A & Carefree 3B	11,169	2.12	2.66	73	0
Carefree Crossings I	5,197	0.98	2.80	67	0
Carefree Foothills	9,940	1.88	2.98	64	0
Carefree Fore & Carefree Fore More	14,599	2.77	1.45	87	0
Carefree Rolling Hills	15,763	2.99	1.94	86	0
Carefree Too	21,172	4.01	1.69	87	0
Cow Track Estates	37,040	7.02	2.94	64	30
Leigh Estates	2,743	0.52	3.78	46	4
Original Carefree	41,845	7.93	2.15	81	1
Ranchitos Del Ray	9,519	1.80	2.20	74	2
Sentinal Rock Estates	16,462	3.12	2.84	67	0
Velvet Shadows	15,666	2.97	2.01	82	1
Totals	201,115	38.11			38

The *Pavement Condition Ratings Summary Report* for Standalone and Local Streets is shown on the next page.

PAVEMENT CONDITION RATINGS SUMMARY REPORT - STANDALONE STREETS & LOCAL STREETS					
Street Name	Street Length (feet)	Street Length (miles)	RoadBotics Rating	HD-PCI Rating	# of Potholes
Canyon Ridge Drive	858	0.16	2.50	73	0
Celestial Street	2,582	0.49	2.31	70	9
East Cave Creek Road	37,102	7.03	1.90	84	9
East Grapevine Road	5,123	0.97	2.21	73	5
Horizon Drive	2,166	0.41	2.53	71	2
New River Road	650	0.12	2.34	78	0
East Scopa Trail	1,170	0.22	3.95	47	0
Stagecoach Pass	12,233	2.32	2.29	72	0
Grapevine Road	1,380	0.26	2.07	74	0
80th Street	675	0.13	2.91	68	0
North Cave Creek Road	10,019	1.90	1.87	83	1
North Grapevine Road	877	0.17	3.57	51	1
Mule Train Road	4,161	0.79	1.32	94	0
Never Mind Trail	1,734	0.33	2.99	67	0
Pima Road	5,227	0.99	1.76	88	0
North Scopa Trail	426	0.09	3.35	51	3
Tom Darlington Drive	16,065	3.04	1.63	87	0
Tranquil Trail	1,688	0.32	2.98	62	0
Rising Sun Road	2,567	0.49	2.11	85	0
Scopa Trail	934	0.18	2.23	92	0
Spanish Boot Trail	3,574	0.68	3.06	63	1
Carefree Streets - Local	8,529	1.62	1.94	85	0
Totals	119,740	22.71			31

Information Access: The RoadBotics™ data mapping and information are available for online viewing by Town staff.

Ratings Summary: The pavement condition ratings for the Town of Carefree are summarized as follows.

- Network RoadBotics™ Score 2.23 (out of 5)
- Network HD-PCI Score 77 (out of 100)
- Total Centerline Miles Rated 61
(rated mileage is greater than street centerline mileage as each side of divided streets is rated separately)
- Number of Potholes 69

Overall, the Town's street system is in good condition and well maintained.

See the pavement conditions rating mapping in the accompanying appendix for the pavement condition rating for each street segment in the individual subdivisions and for the overall Town.

PAVEMENT SURFACE DISTRESS CONDITIONS

The RoadBotics™ analysis provides an inventory of six (6) key pavement distress factors in addition to the average pavement condition rating for each roadway segment. These 6 categories of distresses are listed and described in the below table.

PAVEMENT DISTRESS CATEGORIES	
Distress Category	Distress Types
1 Potholes	1 Potholes 2 Lane Shoulder Drop-off
2 Fatigue Cracking	3 Alligator Cracking 4 Edge Cracking
3 Pavement Distortions	5 Rutting 6 Shoving 7 Corrugation 8 Depressions 9 Bumps and Sags
4 Patches & Sealant	10 Sealed Cracks 11 Hot Patches/Cold Patches
5 Transverse & Longitudinal Cracking	12 Transverse Cracking 13 Longitudinal Cracking 14 Block Cracking 15 Reflective Cracking 16 Slippage Cracking
6 Surface Deterioration	17 Bleeding 18 Raveling/Weathering

The distress categories and types identified in the evaluation process are further described below.

POTHOLES

Potholes are depressions or hollows of various sizes in the road surface where the pavement surface course is gone. Potholes occur when a small failure in the pavement is left unrepaired for some period of time.

Lane shoulder drop-offs typically occur due to stormwater runoff flowing along the edge of the pavement and scouring out a depression. They can also be created by vehicles running off the edge of the pavement when ground conditions are wet and saturated.



FATIGUE CRACKING

Alligator cracks are a form of interconnected cracks that commonly occur in asphalt pavements. They are called alligator cracks as the cracking pattern resembles the scales of an alligator.



Edge cracking are continuous cracks located within 2 feet +/- of the pavement edge and typically occur along unpaved shoulders. As the cracks worsen, they start from the edge and spread towards the center. Severe edge cracks tend to look like alligator cracks, however, note that they have a crescent-shaped pattern.



PAVEMENT DISTORTIONS

Rutting is a linear surface depression formed on the road along the wheel path. Ruts, due to their shape, hold water and cause hydroplaning, leading to safety problems. Severe ruts can lock vehicles in the rutted path and create difficulties for drivers attempting to steer out of them (e.g., when trying to change lanes). Rutting can occur on asphalt, gravel, and dirt roads.



Shoving is the deflection and bulging of the road surface due to traffic loads. Typically, it occurs parallel to the direction of traffic.



Corrugation or washboarding is the formation of ripples or waves on the flexible pavement generally perpendicular to the traffic flow. It typically occurs at the points where traffic starts and stops.



Depressions are low areas of pavement that do not penetrate the asphalt. They are typically caused by poor compaction during the paving process. If not promptly fixed, water and debris that typically collect in depressions can wear on the asphalt surface and weaken its integrity.



PATCHES AND SEALANT

A patch is an area of pavement that has been removed and replaced with newer material. A patch is considered a defect no matter how well it performs.



Sealed cracks are locations where individual pavement cracks were filled to prevent further water penetration and damage to the road surface. The reported average performance life of crack sealant ranges from 3 to 8 years.



TRANSVERSE AND LONGITUDINAL CRACKING

Longitudinal cracks are formed parallel to the pavement centerline. Longitudinal cracks can occur on both asphalt and concrete pavements. They indicate the onset of alligator cracks (in the case of asphalt pavements) and possible structure failure.



Transverse cracks are unconnected cracks that run across a pavement, perpendicular to the direction of the road. They are also known as intralaminar cracks or thermal cracks. Transverse cracks can occur on both asphalt and concrete pavements.



SURFACE DETERIORATIONS

Bleeding is the movement of the asphalt binder in the asphalt pavement to its surface. A thin shiny and reflective film of asphalt binder is formed reducing skid resistance and affecting the visibility of the road. Typically, the binder is almost in liquid form. Bleeding is also referred to as flushing.



Raveling is the disintegration of an asphalt road surface due to the dislodging of the aggregate materials (gravel, sand, and crushed stone). It reduces skid resistance, makes the road surface rough, and exposes the layers underneath to further deterioration. It also results in loose gravel that can be damaging to vehicles.



OTHER PAVEMENT DISTRESS & DAMAGE



Edge Damage



Oxidation (Aging)



Stripping



Edge Erosion from Stormwater Runoff

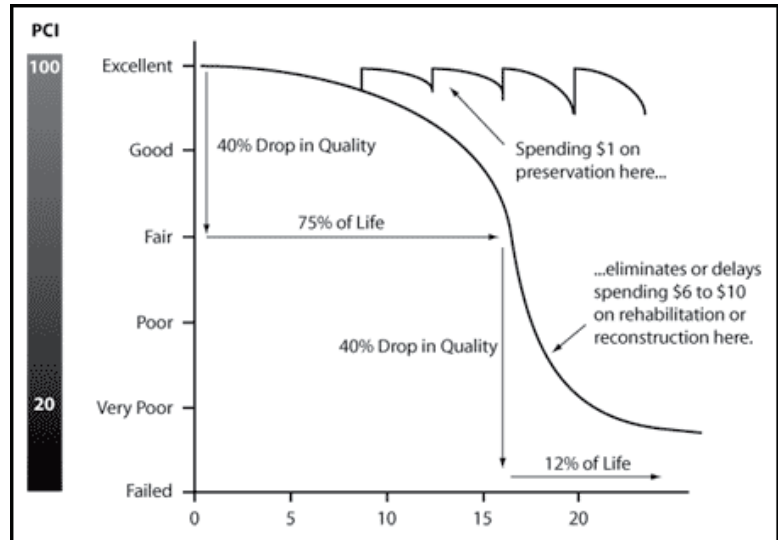
PAVEMENT REHABILITATION STRATEGIES

PAVEMENT DETERIORATION

Routine and preventative maintenance of roadways is integral to maximizing the life expectancy of the pavement. The typical surface treatments used for street maintenance are describe in more detail within this section of the report.

The chart to the right displays the typical street pavement deterioration progress over time if the pavement is not properly maintained. The pavement performs in excellent condition for the first 10-years or so. However, note the steep decline in the pavement condition over the next 10-years +/- as the pavement degrades from fair to poor condition.

Timely preventive maintenance treatments are essential to extending and maximizing the pavement life. For every \$1 dollar spent early in the pavement's life, it can eliminate or delay spending \$6 to \$10 on the same road pavement in the future.



PAVEMENT REHABILITATION STRATEGIES

Good pavement conditions can best be sustained by providing regular maintenance throughout the life of the pavement. When routine or preventive maintenance are not implemented, the pavement deteriorates at a faster rate and, when left untreated, pavement reconstruction/replacement may be the only effective option at that point.

The FHWA defines three components of good pavement maintenance as:

Preventive Maintenance

A planned strategy of cost-effective surface treatments to an existing roadway system and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system without increasing its structural capacity. Preventive maintenance treatments include crack sealing, fog sealing, and thin asphalt treatment including slurry seals, chip seals, and microseals.

Routine Maintenance

Consists of work that is planned and performed on a routine basis to maintain and preserve the condition of the roadway system or to respond to specific conditions and events that restore the roadway system to an adequate level of service. Examples of pavement-related routine maintenance activities include cleaning of roadside ditches and structures, maintenance of pavement markings, crack filling, pothole patching, and isolated areas of thin asphalt overlays. Routine maintenance is often times performed "in house" by Town Public Works staff.

Pavement Rehabilitation

Rehabilitation projects extend the life of existing pavement structures or by improving/strengthening the existing pavement section to accommodate projected traffic loading conditions. Rehabilitation techniques include restoration treatments and structural asphalt overlays (with or without milling of the existing pavement surface).

Two subcategories are directly related to the pavement restoration work or increase in structural capacity work.

Minor Rehabilitation / Pavement Preservation

Consists of non-structural enhancements made to the existing pavement sections to eliminate age-related top-down surface deterioration and cracking that develops in flexible pavements due to environmental exposure. Because of the non-structural nature of minor rehabilitation techniques, these types of rehabilitation techniques are placed in the category of pavement preservation.

Major Rehabilitation / Asphalt Overlays & Reconstruction

Consists of structural enhancements that both extend the service life of an existing pavement and/or improve its load-carrying capability.

Emphasizing preventive maintenance will help prevent or prolong the need for more expensive major pavement rehabilitation.

There is a variety of surface treatments used for pavement maintenance and preservation. The Town has continually evaluated the various options over the years and selected those that offer the greatest quality and cost effectiveness. This approach has contributed to the Town's ability to maintain its current level of service and the longevity of the Town's pavements.

Fog Seal: There are a variety of fog seals which are applied with commercial distributors/sprayers. The goal of the fog seal is to rejuvenate the oils in the top layer of the asphalt and reduce the oxidation and eventual cracking of the asphalt pavement.

MTR, MTR Plus, TRMSS: MTR, or Modified Tire Rubberized Sealcoat, has the capacity to seal, prolong the life, and enhance the appearance of the pavement at a relatively low cost. It is a fog seal emulsion mixed with clay material, tire rubber, and chemicals that penetrate into the asphalt, fill small voids between the aggregate, and restore the asphalt adhesion and resistance to aging.

MTR Plus contains additional fine sand and is reinforced with special polymers which are an additional benefit in extending the service life of streets. MTR Plus is only an incrementally higher price than MTR.

TRMSS, or Tire Rubber Modified Surface Seal, is related to MTR that serves as a less expensive treatment. It is better quality than many of the other fog seals available in the market and is very commonly used in the metropolitan area.

Slurry Seal: This surface treatment is a mixture of fine aggregate, water, and specified additives which are proportioned, mixed, and spread over the street. This creates a wearing surface as a result of the aggregate added to the treatment. This wearing surface can cause a rougher ride or vibration in vehicle tires as the result of the exposed aggregate. However, the aggregate is pushed into the asphalt and becomes more worn, making the surface appear and ride smoother over time.

Chip Seal: This surface treatment is a compacted aggregate layer a little thicker than slurry. A thick layer of emulsified asphalt and specified additives is applied to the pavement surface with the aggregate (chips) spread over the asphalt layer and rolled. This creates a friction wearing surface as a result of the embedded aggregate material and is a little more expensive than slurry seal. This wearing surface can cause a rougher ride or vibration in vehicle tires as the result of the exposed aggregate. By nature, the rocks may become dislodged from the chip seal. The loose aggregate can be alleviated by proper construction and rolling, applying the right balance of aggregate to emulsified asphalt, and thorough sweeping following construction. The dislodging of aggregate has been partially reduced as a result of new technologies and rubber additives.

Microsurfacing: Microsurfacing is similar to slurry seal consists of the application of a mixture of water, asphalt emulsion, aggregate (very small, crushed rock), and chemical additives applied to an existing asphalt concrete

pavement surface. Polymer is commonly added to the asphalt emulsion to provide better mixture properties. This type of surface may be applied in multiple layers with multiple stone thicknesses, while slurry contains one course of stone thickness. Microsurfacing has a stronger wearing surface but is more costly than a slurry seal or chip seal.

Cape Seal: A cape seal is a combination pavement surface treatment consisting of a chip seal covered with a slurry seal or microsurfacing. Once the chip seal has been placed, the road should be reopened to traffic until a full cure has been obtained before placing the slurry seal or microsurfacing. Cape seals provide the benefits of both the chip seal and the slurry seal or micro surfacing treatment, namely sealing moderate cracks, providing skid resistance, sealing the pavement against moisture intrusion, protecting the structure from further oxidation and raveling, and restoring a uniform black asphalt appearance.

Asphalt Mill & Overlay: Mill and overlay is the process of grinding off the top layer of existing asphalt pavement by means of a large milling machine and replacing this layer with a new compacted hot mix asphalt riding surface. The Town typically uses a 2" depth of mill and overlay for low volume residential streets and a 3" depth of mill and overlay for heavier volume collector streets.

Reconstruction: Pavement reconstruction consists of full-depth removal of the existing asphalt pavement and replacing it in-kind. This is the costliest form of pavement rehabilitation. It entails removing the existing asphalt pavement and its base material, preparing the subgrade, placing, and compacting new aggregate base material, and placing and compacting new hot mix asphalt surfacing material to the required thicknesses.

Pavement Patches: Pavement defects can reach the point where it is necessary to remove and replace the defective asphalt. It is a method for repairing alligator cracked areas, potholes, edge damage, trench patches in poor condition, and other similar isolated areas of pavement defects. Removal and replacement work involves sawcutting and removing the asphalt pavement layer, usually 2 to 4 inches in thickness, applying a tack coat to the exposed surface, placing the new asphalt material, and rolling and compacting it flush or slightly higher than the existing pavement.

Pavement patching work is often completed in a sequence of preventative maintenance together with crack sealing and fog seal application. When done properly, pavement patches can last many years (10+ years). Patching work is labor intensive and costly, but in most cases only small areas of streets require this treatment. When the percentage of major defects exceed a certain threshold, other measures with a lower total costs should be considered such as mill and overlay.

Other Maintenance: There are additional maintenance procedures associated with preparing a street for one of the pavement preservation methods mentioned above, and other procedures required after the treatment is applied. Such procedures and related materials need to be taken into consideration when estimating the costs for a street maintenance program. Before a treatment is applied, cracks are to be sealed with an asphalt concrete sealant. Major defects, such as alligator cracking or edge breaks, should be removed and replaced. Additionally, drainage structures or other structures may need to be adjusted or repaired, such as culverts, reflectors, water valves, survey monuments, and manholes. After a preservative seal is applied, any striping, stop bars, and other pavement markings have to be reapplied to the new street surface.

The *Pavement Rehabilitation Strategy Comparison* table presented below provides a summary of various pavement treatment strategies and the expected life of the pavement maintenance treatments.

PAVEMENT REHABILITATION STRATEGY COMPARISON			
Treatment Type	Description	Pros / Cons	Anticipated Life
Crack Sealing	Use a router to clean 1/4" cracks or wider in pavements. Seal AC or PCC pavements to prevent the passage of water through the surface crack into the pavement structure or subgrade.	<p>Pros: Crack filling and sealing is probably the most important and cost-effective preventive maintenance strategy.</p> <p>Cons: Crack sealing operations can be very labor intensive and hard to estimate segment cost.</p>	3 to 5 Years
Slurry Seal	A mixture of emulsified asphalt, fine aggregate, and additives applied in a very thin layer to renew surfaces and protect against moisture and air intrusion.	<p>Pros: The seal prevents moisture and air intrusion in the pavement and improves skid resistance, corrects surface profile, and fills potholes.</p> <p>Cons: A slurry surface is only a protectant layer on top of the existing surface and does not form a permanent bond with the underlying pavement. A slurry will oxidize quickly and lose its black color within the first several months. Requires sealing cracks > 1/4" prior.</p>	3 to 7 Years
Chip Seal	An application of asphalt emulsions or liquid paving grade asphalts (with additives) and then covering them with aggregate and rolling. Chip seals renew and protect pavements and restore skid resistance.	<p>Pros: Chip-sealing equipment is common in most areas. The roadway can be opened to low-speed traffic just after the application of the aggregate.</p> <p>Cons: Requires constant attention and frequent adjustment of application rates of aggregate and asphalt to minimize chip loss, bleeding, and other problems. Windshields can be damaged by the loose aggregate. Requires sealing cracks > 1/4" prior and brooming loose rock.</p>	4 to 8 Years
Microsurfacing	Microsurfacing is a protective seal coat which extends the life of pavement. It is a thin, tough layer of asphalt emulsion blended with finely crushed stone for traction.	<p>Pros: Cost-effective method to renew the road surface and seal minor cracks and other irregularities.</p> <p>Cons: Requires special equipment for application which makes it more expensive than a slurry or chip seal treatment. Its success is dependent on having an experienced contractor and the proper mix of ingredients.</p>	6 to 10 Years
Cape Seal	A combination slurry seal or microsurfacing applied over the top of a chip seal.	<p>Pros: Provides more protection and durability than provided by the individual treatments alone and provide a smoother finished surface.</p> <p>Cons: Longer construction time than a single slurry or chip seal layer. Requires sealing cracks > 1/4" prior.</p>	8 to 12 Years

PAVEMENT REHABILITATION STRATEGY COMPARISON			
Treatment Type	Description	Pros / Cons	Anticipated Life
Thin Asphalt Overlay	A thin (up to 1-1/2") layer of hot mix is applied to the existing surface.	<p>Pros: Long service, low lifecycle cost, can better preserve grade and slope, seals the surface, and can be constructed quickly, minimizing traffic delays.</p> <p>Cons: Cannot be applied over badly distressed pavements, are dependent on good bond development, and otherwise the pavement could be structurally inadequate. Requires sealing cracks > 1/4" prior.</p>	10 to 15 Years
Asphalt Mill & Overlay	The process of removing a portion or all the existing asphalt surface and repaving with a new asphalt surface of various thicknesses, preserving the base and sub-base.	<p>Pros: Mill and overlay can greatly extend the life of a pavement at a lower cost than removal and replacement or reconstruction.</p> <p>Cons: Relatively expensive compared to surface treatments.</p>	15 to 25 Years
Reconstruction	Removal of the existing pavement followed by fixing subgrade and drainage problems; then construction of a new pavement.	<p>Pros: Completely remove the pavement section, base, and possibly subgrade. Used only if there is complete failure of the pavement or base/subgrade failure.</p> <p>Cons: Most costly alternative</p>	40 Years+

Determination of Optimum Surface Treatment Solutions:

As outlined in the above table, a variety of pavement rehabilitation strategies are available for repairing and preserving asphalt pavements. When determining which treatment to apply, consideration should be given to the existing pavement condition, its distress level, distress types, and budgetary constraints.

In addition to the roadway pavement condition, consideration should also be given to the roadway's functional classification and purpose, the amount and mix of traffic the street carries, the significance of the route to the community, the cost of repair, and its forecast lifespan. These factors should be considered when determining the optimum pavement rehabilitation treatment option.

Routine Maintenance: Routine preventive maintenance strategies are best applied to roadways with no structural distress or significant cracking present. Preventive maintenance is predominately a "top down" application that focuses on repairing and sealing the pavement surface to extend its life.

Typically, the Town seals the cracks within the street surface and then applies a fog seal to rejuvenate the oils on the pavement surface. These routine maintenance treatments help to reduce oxidation and the resultant drying of the surface. This approach minimizes the expansion of cracks to help ensure the road surface is not compromised and not subject to water penetration and deterioration.

On a case-by-case basis, the Town has and should replace portions of streets where there are a high number of cracks in close proximity such as alligator cracked areas. In those areas, the substrate may also need to be replaced, compacted, and new asphalt pavement surfacing installed per the pavement patching discussion above.

Chips seals, slurry seals, fog seals, and the like are generally not cost-effective for more severely damaged roadways. If applied to such a pavement, typically they would extend the life of the pavement by only a few years.

More expensive pavement rehabilitation strategies include full depth patching, overlays, mill and overlays, and complete pavement reconstruction, and those are recommended for pavements with extensive cracking and areas showing base failure and significant distress.

PAVEMENT PRESERVATION PROGRAM

PAVEMENT REHABILITATION METHODS

Selection of the method of pavement rehabilitation for each subdivision, standalone street, and local street is based on the RoadBotics™ pavement condition assessment rating, which correlates to its PCI rating.

For this program, the following table reflects the pavement rehabilitation strategy selected based on the range of scores for the particular streets. Note that a score of 1 reflects pavements in excellent condition while a score of 5 reflects pavements in failed condition. This pavement rehabilitation strategy was reviewed with the Town, meets their needs, and has been approved.

PAVEMENT REHABILITATION METHOD SELECTION	
Strategy	RoadBotics Score Range
Fog Seal	0.00 - 1.25
Surface Treatment - Microsurfacing	1.26 - 3.00
Surface Treatment – Cape Seal	1.26 - 3.00
2" Asphalt Mill & Overlay	3.01 - 4.00
Pavement Reconstruction	4.01 - 5.00

The following table shows a summary of the pavement rehabilitation method assigned to each subdivision, standalone street, and local streets based on its RoadBotics™ pavement condition assessment rating.

SUBDIVISION AND STANDALONE STREETS PAVEMENT REHABILITATION METHOD SUMMARY						
Subdivision / Standalone Street	Construction Type	Total Street Length (feet)	Street Length (miles)	RoadBotics Rating	HD-PCI Rating	# of Potholes
Carefree 3A & Carefree 3B	Cape Seal (Slurry Seal on Chip Seal)	11,169	2.12	2.66	73	0
Carefree Crossings I	Cape Seal (Slurry Seal on Chip Seal)	5,197	0.98	2.80	67	0
Carefree Foothills	Cape Seal (Slurry Seal on Chip Seal)	9,940	1.88	2.98	64	0
Carefree Fore & Carefree Fore More	Microseal	14,599	2.77	1.45	87	0
Carefree Rolling Hills	Microseal	15,763	2.99	1.94	86	0
Carefree Too	Microseal	21,172	4.01	1.69	87	0
Cow Track Estates	Cape Seal (Slurry Seal on Chip Seal)	37,040	7.02	2.94	64	30

Subdivision / Standalone Street	Construction Type	Total Street Length (feet)	Street Length (miles)	RoadBotics Rating	HD-PCI Rating	# of Potholes
Leigh Estates*	Cape Seal (Slurry Seal on Chip Seal)	2,743	0.52	3.78	46	4
Original Carefree	Microseal	41,845	7.93	2.15	81	1
Ranchitos Del Ray	Cape Seal (Slurry Seal on Chip Seal)	9,519	1.80	2.20	74	2
Sentinal Rock Estates	Cape Seal (Slurry Seal on Chip Seal)	16,462	3.12	2.84	67	0
Velvet Shadows	Microseal	15,666	2.97	2.01	82	1
Canyon Ridge Drive	Microseal	858	0.16	2.50	73	0
Celestial Street	Microseal	2,582	0.49	2.31	70	9
East Cave Creek Road	Mill & Overlay Microseal	37,102	7.03	1.90	84	9
East Grapevine Road	Microseal	5,123	0.97	2.21	73	5
Horizon Drive	Cape Seal (Slurry Seal on Chip Seal)	2,166	0.41	2.53	71	2
New River Road	Microseal	650	0.12	2.34	78	0
East Scopa Trail	2" Mill & Overlay	1,170	0.22	3.95	47	0
Stagecoach Pass	Microseal	12,233	2.32	2.29	72	0
Grapevine Road	Microseal	1,380	0.26	2.07	74	0
80th Street	Cape Seal (Slurry Seal on Chip Seal)	675	0.13	2.91	68	0
North Cave Creek Road	Microseal	10,019	1.90	1.87	83	1
North Grapevine Road*	Cape Seal (Slurry Seal on Chip Seal)	877	0.17	3.57	51	1
Mule Train Road	Microseal	4,161	0.79	1.32	94	0
Never Mind Trail	Cape Seal (Slurry Seal on Chip Seal)	1,734	0.33	2.99	67	0
Pima Road	Microseal	5,227	0.99	1.76	88	0

Subdivision / Standalone Street	Construction Type	Total Street Length (feet)	Street Length (miles)	RoadBotics Rating	HD-PCI Rating	# of Potholes
North Scopa Trail*	Cape Seal (Slurry Seal on Chip Seal)	426	0.09	3.35	51	3
Tom Darlington Drive	Microseal	16,065	3.04	1.63	87	0
Tranquil Trail	Cape Seal (Slurry Seal on Chip Seal)	1,688	0.32	2.98	62	0
Rising Sun Road	Microseal	2,567	0.49	2.11	85	0
Scopa Trail	Microseal	934	0.18	2.23	92	0
Spanish Boot Trail*	Cape Seal (Slurry Seal on Chip Seal)	3,574	0.68	3.06	63	1
Carefree Streets - Local	Microseal	8,529	1.62	1.94	85	0
Totals		320,855	38.11			38
* denotes an exception to the pavement rehabilitation method as the Town has opted to plan for a cape seal in lieu of a mill & overlay for these street segments.						
Color Code Legend		Subdivision Streets		Standalone Streets		

There are no subdivisions or standalone streets that rank to warrant a fog seal only, although there are a few street segments within these classifications that do. Fog seals are an important part of the Town’s routine maintenance program and are to be used to rejuvenate the asphalt surface as needed on an approximate 5 -year interval.

For the microsurfacing construction type category, the Town may elect to do a cape seal, slurry seal or chip seal in lieu of microsurfacing should the current situation warrants this; for example, if funds are limited.

It is recommended that a 3” depth of asphalt mill and overlay be used for Cave Creek Road, Pima Road, and Tom Darlington when needed due to the higher traffic volumes and more frequent use by heavier vehicles. For this program, however, these streets do not warrant the thicker asphalt mill and overly depth as shown in the above table.

BUDGETARY COSTS

Budgetary level costs for each pavement rehabilitation strategy were determined and are set forth in the following table.

PAVEMENT REHABILITATION BUDGETARY COSTS						
Pavement Rehabilitation Strategy	Method Cost/SY	Add Crack Sealing	Mobilization & Traffic Control (+10%)	Contingency (+20%)	Total	Budgetary Cost
Crack Filling & Sealing	\$0.00	\$2.00	\$0.40	\$0.48	\$2.88	\$ 3.00
Fog Seal	\$1.00	\$2.00	\$0.60	\$0.72	\$4.32	\$ 5.00
Slurry Seal	\$4.00	\$2.00	\$1.20	\$1.44	\$8.64	\$ 9.00
Chip Seal	\$5.00	\$2.00	\$1.40	\$1.68	\$10.08	\$ 10.00
Microsurfacing	\$6.00	\$2.00	\$1.60	\$1.92	\$11.52	\$ 12.00
Cape Seal (Slurry Seal on Chip Seal)	\$11.00	\$2.00	\$2.60	\$3.12	\$18.72	\$ 19.00
Asphalt Mill & Overlay - 2" Local Streets	\$23.00	\$2.00	\$5.00	\$6.00	\$36.00	\$ 36.00
Asphalt Mill & Overlay - 3" Major Streets	\$35.00	\$2.00	\$7.40	\$8.88	\$53.28	\$ 54.00
Reconstruction 3" AC / 8" ABC	\$60.00	\$0.00	\$12.00	\$14.40	\$86.40	\$ 87.00
<i>Note: For major streets, an allowance for striping and markings at \$2/SY needs to be added to the cost.</i>						

These budgetary costs are based on current (2022) dollars on typical bid prices for comparable projects. Construction costs can vary considerably and can be higher or lower than those shown due to current economic conditions, inflation, and other factors.

It is recommended that for program years beyond FY2022, an adjustment be made to the total budgetary amount of 2% per year to account for inflation.

EVALUATION CRITERIA

STREET PAVEMENT EVALUATION & RANKING CRITERIA		
Functional Classification	Street Segment	Functional Classification Factor
Urban Minor Arterial	Pima Road S of Cave Creek Rd	120%
Urban Major Collector	Cave Creek Road	115%
	Tom Darlington	
Urban Minor Collector	Pima Road N of Cave Creek Rd	110%
	Stage Coach Pass	
Local Streets	All except for the above streets	100%
<i>Note: Factor increases RoadBotics pavement rating for Functional Classification.</i>		
<i>The adjusted RoadBotics Rating is 80% of the Subdivision/Street Segment Ranking.</i>		
Construction Cost	Cost per Square Yard	Cost Factor
Crack Filling & Sealing	\$3.00	0.33
Fog Seal	\$5.00	0.20
Slurry Seal	\$9.00	0.11
Chip Seal	\$10.00	0.10
Microsurfacing	\$12.00	0.08
Asphalt Mill & Overlay - 2"	\$36.00	0.03
Asphalt Mill & Overlay - 3"	\$54.00	0.02
Reconstruction 3" AC / 8" ABC	\$87.00	0.01
<i>Note: Factor gives weight to less costly construction methods.</i>		
<i>The Construction Cost Factor is 15% of the Subdivision/Street Segment Ranking.</i>		
Safety		Safety Factor
Number of Crashes	Crash Count last 5-years	% Total Crashes x 5
<i>Note: Factor gives weight to subdivisions/streets experiencing crashes.</i>		
<i>The Safety Factor is 5% of the Subdivision/Street Segment Ranking.</i>		

The above criteria were used to evaluate each subdivision and standalone street segment to prioritize the improvement projects. See the *Subdivision & Standalone Streets Evaluation Ranking & Prioritization* table in the accompanying Appendix for application of the evaluation criteria to determine the rankings.

The following paragraphs are a brief discussion of the evaluation criteria.

Pavement Condition Rating: Each subdivision, standalone street, and local streets are rated based on the pavement condition assessment as scored by RoadBotics™. The highest numeric pavement condition rating down to the lowest numeric pavement condition rating is used as the basis of the subdivision and street ranking. Note that the RoadBotics™ ratings are based on pavements in excellent condition at a 1 out of 5 rating while pavements in failed condition receive a 5 out of 5 rating.

However, a “worst first” approach to road repair is often not the best value to the public nor the most effective use of limited capital improvement and/or maintenance funds. The Town needs to optimize their funding by utilizing a pavement management approach that prioritizes road rehabilitation where the need is greatest and identifies the best maintenance strategy for each roadway segment. Consequently, the ranking system used included the additional factors of street functional classification, construction cost, and traffic safety to determine the final numeric rating value and improvement program ranking.

Functional Classification: Considers the level of street classification of the particular street segment. Traffic volumes are typically proportional to the street’s functional classification. The higher the functional classification the higher the impact of pavement conditions on traffic and users. Local roads are considered to have lower impact, collector streets have medium impact, and arterial streets are higher impact. The respective factors used were 100% for local roads, 110% for minor collectors, 115% for major collectors, 120% for minor arterials. These percentages are applied to the RoadBotics™ pavement condition ratings to determine the ‘weighted’ ratings based on functional classification and level of impact.

The pavement condition rating as weighted by the functional classification factor is 80% of the total ranking value.

Construction Cost: This criterion is based on the cost to implement the recommended pavement treatment for each subdivision, standalone street, or local street segments. The factor is the inverse of the unit cost budget for each pavement treatment type. As such, surface treatments with lower budgetary cost value (e.g., Microseal) receive a higher rated value than streets with a higher budgetary cost value (e.g., Reconstruction). The construction cost factor provides an emphasis to timely preventative maintenance over waiting until more expensive options are needed.

The construction cost rating is 15% of the total ranking value.

Safety: The safety factor considers the number of crashes over the 5-year period from 2016 through 2020 in the respective subdivision, standalone street, or local streets. The factor is determined by taking the percentage of crashes out of the total number of crashes and multiplying that by 5, the weight value/percentage for safety.

The safety rating is 5% of the total ranking value as it is recognized that crashes are not directly proportional to pavement conditions.

The sum of the ‘weighted’ adjusted RoadBotics™ rating, the construction cost score, and the safety score is the total score used to rank the subdivisions, standalone streets, and local streets with a priority from high score to low score. The ranking values add up to 100, but the total values for the subdivisions Cow Track Estates, Ranchitos Del Ray, and Sentinel Rock Estates were enhanced with 3 ‘bonus’ points to group those subdivision as the highest priority projects. This is to show the projects at the top of the rankings as they are already programmed for FY 2022.

See the table entitled *Subdivision & Standalone Streets Evaluation, Ranking & Prioritization* in the accompanying Appendix for detailed information on the evaluation criteria and scoring methodology used for ranking purposes.

A summary table entitled *Implementation Plan* is included for reference in the subsequent section of this report.

PAVEMENT PRESERVATION PROGRAM

A pavement preservation program is a planned strategy of cost-effective pavement treatments to an existing street system that preserves the pavement, retards future deterioration, and maintains or improves the functional condition of the system.

The pavement preservation program for the Town of Carefree are based on a number of factors including payment condition, functional classification (relates to traffic volumes and street classification), relative construction costs, safety (relates to crashes and pavement defects), and other factors.

Nature of Improvements: Such a program can consist of pavement surface preparation, crack filling and sealing, and fog sealing streets or an application of a slurry seal, chip seal, or microsurfacing. The program also includes improvements such as asphalt pavement mill and overlay, and full pavement section reconstruction where needed.

The program could be set up to apply some type of surface treatment to the pavements on a 10-year cycle.

FY 2021-2022: During this fiscal year, the Town let an improvement project for East Cave Creek Road from Carefree Drive to Pima Road. From Carefree Drive to Mule Train Road, the improvements included a mill and overlay of the existing asphalt pavement. From Mule Train Road to Pima Road, the improvements included microsurfacing. Consequently, the roadway segments for this length of Cave Creek Road have been separated from the segments of Cave Creek Road west of Carefree Drive and east of Pima Road.

FY 2022-2023: The Town has programmed the improvement of the streets in Cow Track Estates for this fiscal year. The project will involve the application of a cape seal to the pavement surface to rehabilitate the streets.

FY 2023-2024: The Town has programmed the improvement of the streets in the Sentinal Rock Estates subdivision for this fiscal year. The project will involve the application of a cape seal to the pavement surface to rehabilitate the streets.

FY 2024-2025: The Town has programmed the improvement of the streets in the Ranchito Del Ray subdivision for this fiscal year. The project will involve the application of a cape seal to the pavement surface to rehabilitate the streets.

FY 2025-2026 through FY 2033-2034: The balance of the subdivision streets and standalone streets will be apportioned to the subsequent ten fiscal years based on their overall priority ranking. Those programs are presented in more detail within this report.

The Town has budgeted approximately \$7 million for the improvement of the streets within Cowtrack Estates, Ranchito Del Ray, and Sentinal Rock Estates. The balance of the subdivision and is spread over the next 10 fiscal years.

RoadBotics™ Tool: The analysis of pavement conditions utilizing RoadBotics™ software provides the Town of Carefree with a convenient on-line method of viewing their street system from anywhere at any time supplemented by both visual and objective data to evaluate street conditions.

Periodic reassessment of the streets collecting new data and using the RoadBotics assessment tool is recommended at an interval of every 5-years +/- to maintain relatively current data and to better monitor performance of the various pavement treatments that were constructed in the interim.

Related Improvements: On a case-by-case basis, the Town may opt to improve and/or reconstruct other related improvements together with the selected asphalt pavement surface treatment. These improvements may include, but not be limited to, drainage facilities, sidewalk, sidewalk curb ramps, curb and gutter, traffic control devices, traffic signage, pavement markings, bus stops, and other such facilities. Those items will need to be identified and their cost estimated and added to the pavement preservation program cost.

Economies of Scale Approach: The pavement preservation program includes street improvement for entire subdivisions to take advantage of 'economies of scale'. This process also minimizes the inconveniences to the residents caused by construction activities to a single infrequent occurrence versus more frequently by completing street improvements piecemeal over time.

IMPLEMENTATION PLAN

An Implementation Plan has been developed for the Town of Carefree and is presented below.

IMPLEMENTATION PLAN							
Subdivision / Standalone Street	Construction Type	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
East Cave Creek Road, Carefree Dr to Pima Rd	AC Mill & Overlay + Microseal	N/A - The Town has already programmed.	M&O 31,752 MICROSEAL 31,752	M&O 36 MICROSEAL 12	M&O \$1,143,067 MICROSEAL \$381,022	FY 2021-2022	\$ 1,524,090
Cow Track Estates	Cape Seal (Slurry Seal on Chip Seal)	3.23	111,120	\$ 19	\$ 2,111,280	FY 2022-2023	\$ 2,111,280
Sentinal Rock Estates	Cape Seal (Slurry Seal on Chip Seal)	3.07	49,386	\$ 19	\$ 938,334	FY 2023-2024	\$ 938,334
Ranchitos Del Ray	Cape Seal (Slurry Seal on Chip Seal)	2.47	28,557	\$ 19	\$ 542,583	FY 2024-2025	\$ 542,583
Leigh Estates	Cape Seal (Slurry Seal on Chip Seal)	3.96	8,229	\$ 19	\$ 156,351	FY 2025-2026	\$ 911,040
East Scopa Trail	2" AC Mill & Overlay	3.94	3,510	\$ 36	\$ 126,360		
North Grapevine Road	Cape Seal (Slurry Seal on Chip Seal)	3.76	2,631	\$ 19	\$ 49,989		
Tom Darlington Drive	Microseal	3.74	48,195	\$ 12	\$ 578,340	FY 2026-2027	\$ 1,123,353
East Cave Creek Road East of Pima Road	Microseal	3.74	36,538	\$ 12	\$ 438,453		
North Scopa Trail	Cape Seal (Slurry Seal on Chip Seal)	3.56	1,278	\$ 19	\$ 24,282		
Tranquil Trail	Cape Seal (Slurry Seal on Chip Seal)	3.37	5,064	\$ 19	\$ 96,216	FY 2026-2027	\$ 1,123,353
Spanish Boot Trail	Cape Seal (Slurry Seal on Chip Seal)	3.28	10,722	\$ 19	\$ 203,718		
North Cave Creek Road	Microseal	3.23	30,057	\$ 12	\$ 360,684		

Subdivision / Standalone Street	Construction Type	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
Never Mind Trail	Cape Seal (Slurry Seal on Chip Seal)	3.22	5,202	\$ 19	\$ 98,838	FY 2027-2028	\$ 1,340,526
Carefree Foothills	Cape Seal (Slurry Seal on Chip Seal)	3.21	29,820	\$ 19	\$ 566,580		
80th Street	Cape Seal (Slurry Seal on Chip Seal)	3.14	2,025	\$ 19	\$ 38,475		
Carefree 3A & Carefree 3B	Cape Seal (Slurry Seal on Chip Seal)	3.07	33,507	\$ 19	\$ 636,633		
Original Carefree	Microseal	3.04	125,535	\$ 12	\$ 1,506,420	FY 2028-2029	\$ 1,506,420
Carefree Crossings I	Cape Seal (Slurry Seal on Chip Seal)	3.04	15,591	\$ 19	\$ 296,229	FY 2029-2030	\$ 871,800
East Cave Creek Road West of Carefree Dr	Microseal	3.03	11,265	\$ 12	\$ 135,183		
Stagecoach Pass	Microseal	3.00	36,699	\$ 12	\$ 440,388		
Canyon Ridge Drive	Microseal	2.98	2,574	\$ 12	\$ 30,888	FY 2030-2031	\$ 819,018
New River Road	Microseal	2.83	1,950	\$ 12	\$ 23,400		
Pima Road	Microseal	2.81	15,681	\$ 12	\$ 188,172		
Celestial Street	Microseal	2.80	7,746	\$ 12	\$ 92,952		
Horizon Drive	Cape Seal (Slurry Seal on Chip Seal)	2.78	6,498	\$ 19	\$ 123,462		
Scopa Trail	Microseal	2.73	2,802	\$ 12	\$ 33,624		
East Grapevine Road	Microseal	2.71	15,369	\$ 12	\$ 184,428		
Rising Sun Road	Microseal	2.64	7,701	\$ 12	\$ 92,412		
Grapevine Road	Microseal	2.57	4,140	\$ 12	\$ 49,680		

Subdivision / Standalone Street	Construction Type	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
Velvet Shadows	Microseal	2.55	46,998	\$ 12	\$ 563,976	FY 2031-2032	\$ 1,131,444
Carefree Rolling Hills	Microseal	2.48	47,289	\$ 12	\$ 567,468		
Carefree Streets - Local	Microseal	2.45	25,587	\$ 12	\$ 307,044	FY 2032-2033	\$ 1,069,236
Carefree Too	Microseal	2.25	63,516	\$ 12	\$ 762,192		
Carefree Fore & Carefree	Microseal	2.02	43,797	\$ 12	\$ 525,564	FY 2033-2034	\$ 675,360
Mule Train Road	Microseal	1.90	12,483	\$ 12	\$ 149,796		
TOTALS		104.59	899,062		\$ 13,040,395		\$ 13,040,395
Color Code Legend		Subdivision			Standalone Street		

Implementation Strategies

With limited funding available, low-cost improvement strategies allow more street segments to be addressed to extend their functional lives. As a result, The Town of Carefree Pavement Preservation Program is summarized in the above table entitled *Implementation Plan*.

The Town currently has the improvement of Cave Creek Road from Carefree Drive to Pima Road under construction. Also programmed is the improvement of the three subdivisions: Cow Track Estates, Sentinal Rock Estates, and Ranchitos Del Ray.

The balance of the streets slated for pavement preservation have been spread over the next nine fiscal years from FY 2025-2026 though FY 2033-2034. The total cost of improvements (in 2022 dollars) is \$9,450,000. The annual program size to complete balance of the work over nine years is approximately \$1,050,000 per year.

Inflation Factor

Inflation increases the costs of construction to some extent each year. The table that follows entitled *Implementation Plan Amounts With Inflation Applied* provides an estimated future amount for pavement preservation improvements based on an increase in construction costs at 2% per year.

With the inflation factor applied, the total program cost increases from \$13,040,395 in today’s dollars to \$14,448,613 over the length the 12-year program starting FY 2022-2023,

IMPLEMENTATION PLAN WITH INFLATION APPLIED							
Subdivision / Standalone Street	Construction Type	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
East Cave Creek Road, Carefree Dr to Pima Rd	AC Mill & Overlay + Microseal	N/A - The Town has already programmed.	M&O 31,752 MICROSEAL 31,752	M&O 36 MICROSEAL 12	M&O \$1,143,067 MICROSEAL \$381,022	FY 2021-2022	\$ 1,524,090
Cow Track Estates	Cape Seal (Slurry Seal on Chip Seal)	3.23	111,120	\$ 19	\$ 2,111,280	FY 2022-2023	\$ 2,111,280
Sentinal Rock Estates	Cape Seal (Slurry Seal on Chip Seal)	3.07	49,386	\$ 19	\$ 938,334	FY 2023-2024	\$ 957,101
Ranchitos Del Ray	Cape Seal (Slurry Seal on Chip Seal)	2.47	28,557	\$ 19	\$ 542,583	FY 2024-2025	\$ 564,503
Leigh Estates	Cape Seal (Slurry Seal on Chip Seal)	3.96	8,229	\$ 19	\$ 156,351	FY 2025-2026	\$ 966,796
East Scopa Trail	2" AC Mill & Overlay	3.94	3,510	\$ 36	\$ 126,360		
North Grapevine Road	Cape Seal (Slurry Seal on Chip Seal)	3.76	2,631	\$ 19	\$ 49,989		
Tom Darlington Drive	Microseal	3.74	48,195	\$ 12	\$ 578,340		
East Cave Creek Road East of Pima Road	Microseal	3.74	36,538	\$ 12	\$ 438,453	FY 2026-2027	\$ 1,215,918
North Scopa Trail	Cape Seal (Slurry Seal on Chip Seal)	3.56	1,278	\$ 19	\$ 24,282		
Tranquil Trail	Cape Seal (Slurry Seal on Chip Seal)	3.37	5,064	\$ 19	\$ 96,216		
Spanish Boot Trail	Cape Seal (Slurry Seal on Chip Seal)	3.28	10,722	\$ 19	\$ 203,718		
North Cave Creek Road	Microseal	3.23	30,057	\$ 12	\$ 360,684		

Subdivision / Standalone Street	Construction Type	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
Never Mind Trail	Cape Seal (Slurry Seal on Chip Seal)	3.22	5,202	\$ 19	\$ 98,838	FY 2027-2028	\$ 1,480,075
Carefree Foothills	Cape Seal (Slurry Seal on Chip Seal)	3.21	29,820	\$ 19	\$ 566,580		
80th Street	Cape Seal (Slurry Seal on Chip Seal)	3.14	2,025	\$ 19	\$ 38,475		
Carefree 3A & Carefree 3B	Cape Seal (Slurry Seal on Chip Seal)	3.07	33,507	\$ 19	\$ 636,633		
Original Carefree	Microseal	3.04	125,535	\$ 12	\$ 1,506,420	FY 2028-2029	\$ 1,696,530
Carefree Crossings I	Cape Seal (Slurry Seal on Chip Seal)	3.04	15,591	\$ 19	\$ 296,229	FY 2029-2030	\$ 1,001,437
East Cave Creek Road West of Carefree Dr	Microseal	3.03	11,265	\$ 12	\$ 135,183		
Stagecoach Pass	Microseal	3.00	36,699	\$ 12	\$ 440,388		
Canyon Ridge Drive	Microseal	2.98	2,574	\$ 12	\$ 30,888	FY 2030-2031	\$ 959,643
New River Road	Microseal	2.83	1,950	\$ 12	\$ 23,400		
Pima Road	Microseal	2.81	15,681	\$ 12	\$ 188,172		
Celestial Street	Microseal	2.80	7,746	\$ 12	\$ 92,952		
Horizon Drive	Cape Seal (Slurry Seal on Chip Seal)	2.78	6,498	\$ 19	\$ 123,462		
Scopa Trail	Microseal	2.73	2,802	\$ 12	\$ 33,624		
East Grapevine Road	Microseal	2.71	15,369	\$ 12	\$ 184,428		
Rising Sun Road	Microseal	2.64	7,701	\$ 12	\$ 92,412		
Grapevine Road	Microseal	2.57	4,140	\$ 12	\$ 49,680		

Subdivision / Standalone Street	Construction Type	Total Score - Rank High to Low	Pavement Area (SY)	Budgetary Cost/SY	Construction Cost Budget	Fiscal Year	Fiscal Year Construction Cost Budget
Velvet Shadows	Microseal	2.55	46,998	\$ 12	\$ 563,976	FY 2031-2032	\$ 1,352,189
Carefree Rolling Hills	Microseal	2.48	47,289	\$ 12	\$ 567,468		
Carefree Streets - Local	Microseal	2.45	25,587	\$ 12	\$ 307,044	FY 2032-2033	\$ 1,303,399
Carefree Too	Microseal	2.25	63,516	\$ 12	\$ 762,192		
Carefree Fore & Carefree	Microseal	2.02	43,797	\$ 12	\$ 525,564	FY 2033-2034	\$ 839,743
Mule Train Road	Microseal	1.90	12,483	\$ 12	\$ 149,796		
TOTALS		104.59	899,062		\$ 13,040,395		\$ 14,448,613
Color Code Legend		Subdivision			Standalone Street		

FUNDING

HURF Program: Street maintenance and pavement preservation projects have been funded through Highway User Revenue Funds (HURF) and the Town's General Fund. The use of HURF funds will continue to be the primary source of funds for the pavement preservation program.

HURF can be used for anything related to streets within the community. Article IX, § 14 of the Arizona Constitution stipulates: HURF distribution to ...incorporated cities and towns to be used by them solely for highway and street purposes including costs of rights of way acquisitions and expenses related thereto, construction, reconstruction, maintenance, repair, roadside development, of county, city and town roads, streets, and bridges and payment of principal and interest on highway and street bonds.

Per the Town's budget, actual HURF funds received in FY2021 total \$250,000. The estimated HURF funds for FY2022 is \$261,000. The amount of these funds limits the Town's ability to use HURF funding for major projects while still performing needed routine street pavement maintenance.

The program set forth herein at roughly \$1 million per year far exceeds available HURF funds. Consequently, the Town needs to allocate general funds or create new revenue sources to accomplish the pavement preservation program in full. Another option is to defer projects until sufficient funds accumulate to complete the work. Project deferral has a negative impact as inflation increases the cost of the work over time.

Sales Tax: The Town of Carefree levies a 3% local sales tax on all retail sales, advertising, and contracting conducted within the Town. This source of funds is available for use on the Town's street system with the approval of Town Council for such expenditures.

Property Tax: The Town of Carefree does not assess a property tax to fund street improvement projects.

Municipal Bonds: Many communities in Arizona have approved and use municipal bonds that are supported through a secondary property tax or sales tax to create a revenue stream to support their street improvement projects. Carefree has historically desired to minimize the size of government and the associated services and does not have a secondary property tax or sales tax for street improvements.

MAG, State, and Federal Grants: Additional funding may be available through MAG, state, and federal grants and loans. The federal government allocates a certain amount of grant money annually for roadway improvements on streets that are part of the federal highway system.

The Metropolitan Association of Governments (MAG) is the regional transportation planning authority. They have a variety of funds to support transportation projects. The Town has unsuccessfully applied for MAG Road Safety Funding several times recently but were not awarded funding due to the limited number of serious injury and fatal crash incidents reducing the overall benefit/cost ratio.

The Arizona Department of Transportation (ADOT) has various programs that can provide funding for street improvements. Like the federal government, these are primarily targeted for functionally classified streets other than local streets. ADOT occasionally has had special funding distributions to communities for special purposes like the relatively recent additional HURF fund distribution to partially offset the past sweeps of HURF funds by the State Legislature.

SYNOPSIS

This pavement preservation program establishes a prioritization of the public streets network to ensure the limited funds are appropriately spent to optimize the use of those funds. This approach divides the respective street preventative maintenance projects into a 10-year program. The size and timing of the fiscal year projects can be adjusted as needed based upon the availability of funding.

The Town began a pavement maintenance program in 1998. That program and subsequent programs implemented have resulted in an overall higher level of service for the street system. The on-going program has also been effective in minimizing and deferring the need for complete pavement reconstruction which is the costliest rehabilitation method.

The analysis of pavement conditions utilizing RoadBotics™ software provides the Town with a convenient on-line method of viewing their street pavements from anywhere at any time supplemented by both visual and objective data to evaluate street conditions. Periodic reassessment of the streets is recommended at an interval of every 5-years to maintain relatively current data and to better monitor performance of the various pavement treatments that were constructed in the interim.

A comprehensive assessment of all roadway segments was completed based on the condition evaluation from RoadBotics™ and paired with recommended preventive maintenance strategies and costs. All subdivisions and standalone streets were prioritized based on criteria that included the pavement condition rating, street's functional classification, cost of construction, and safety rating based on associated crashes.

Routine preventive maintenance strategies are best applied to streets with no structural distress or significant cracking present. Preventive maintenance is predominately a 'top down' application that focuses on repairing and sealing the pavement surface to extend its life and delay expensive reconstruction for as long a period of time as possible.

The Town can select the highest priority segments to maintain, repair, or reconstruct using the preferred repair strategy and the available funding. This pavement preservation program recommends a 12-year program of improvements to address all the Town's public street network. The program's timing can be adjusted should additional funds be secured through additional regional, state, or federal grant programs or implementation of special property assessments and/or secondary sales tax revenues. Municipal bonds can be utilized as needed to fund major project expenditures



PAVEMENT PRESERVATION PROGRAM