

Russellville Public Works Department

2024 Street Condition and Distress Book



INNOVATIVE
ROADWAY SOLUTIONS

Arkansas
Technology Transfer
University of Arkansas

FIRSTSTEP
MANAGEMENT TECHNIQUES



Ergon Asphalt & Emulsions, Inc.
a company that works

interactive GIS

Asphalt Zipper

J BAND

(479) 422-76
FSPavement.com



MICHAEL G MORGAN
MikeGMorgan@FSPavement.com

(479) 422-7687

www.fspavement.com



EXCELLENT

- A pavement in condition EXCELLENT is in perfect condition
- No corrective maintenance or preventive maintenance is recommended

GOOD

- Preventive maintenance may be recommended
- Corrective maintenance is typically not recommended
- Pavement distress is limited to oxidation, weathering and minor climate related damage
- Structural distress (if present) is both localized and low density (<5%)

FAIR

- Preventive maintenance may be recommended
- Corrective maintenance may be recommended
- A variety of pavement distresses may be present
- Structural distress may be localized as well as global
- Global Structural damage is low severity / low density

CRITICAL

- A pavement in condition CRITICAL is likely to be LOST (and require reconstruction) within 2 years
- A variety of pavement distresses may be present
- Surface and Structural distresses are typically global in nature
- A combination of corrective and preventive maintenance may be recommended

LOST

- A LOST pavement requires major M&R (Maintenance and Repair/Reconstruction)
- Shallow, Deep, and/or Full-Depth Reconstruction may be recommended



- Surface Distress – Low Density

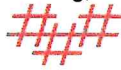


- Surface Distress – Medium to High Density

- Climate (non-structural) related distress including:
Surface Cracking, Longitudinal and Transverse Cracking, Block Cracking, Edge Cracking
Severe Weathering, Raveling, Bleeding, Scaling (PCC), Durability Cracking (PCC)



- Structural Distress



- Mass Structural Distress

- Evidence of structural/durability distress present
- Depth of structural damage (shallow, deep) is not indicated
- Distresses include Alligator Cracking, Rutting (High Severity), Depression (High Severity), Utility Cuts



- Pothole 01

and



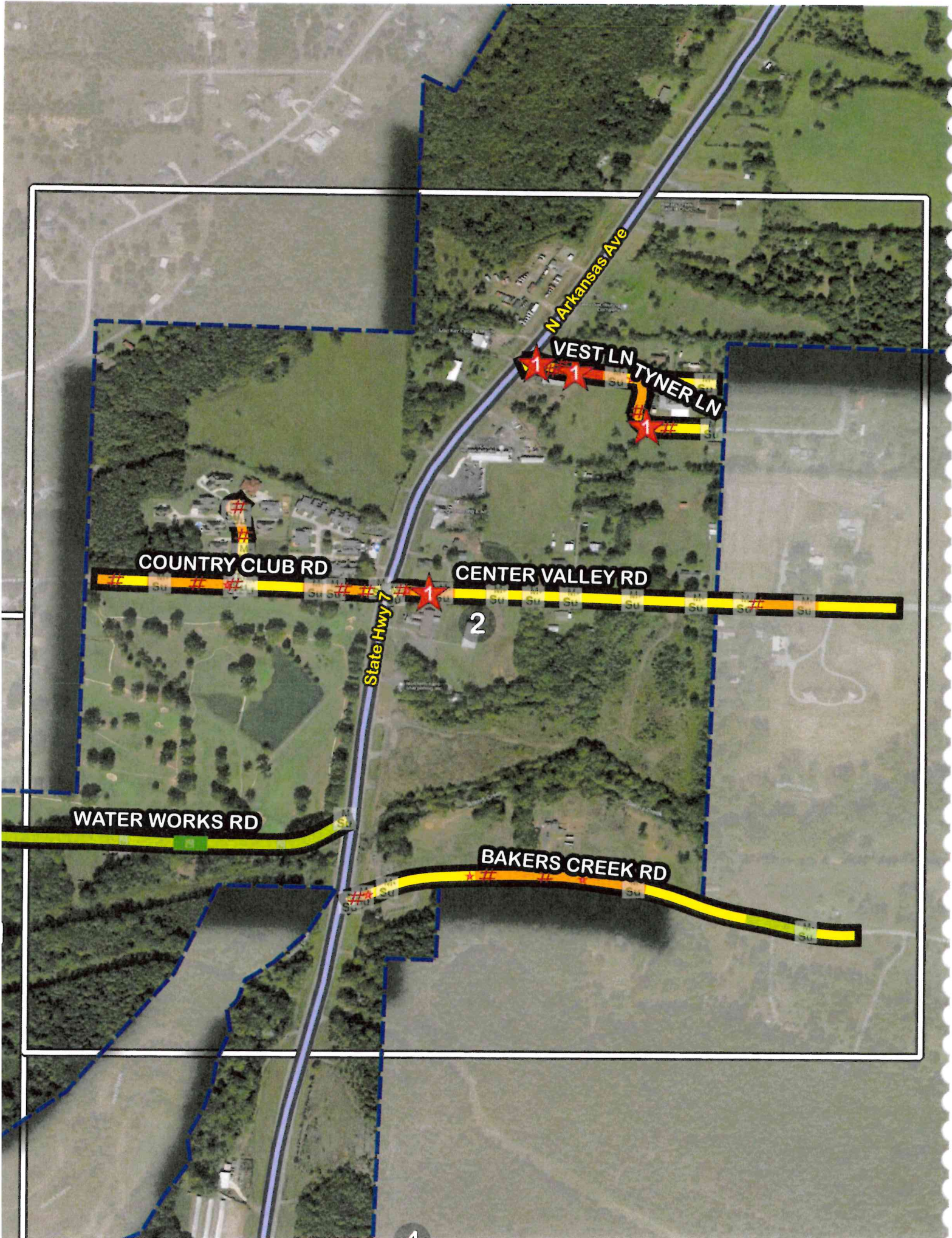
- Pothole 02

- Observed Pothole 01 is of higher importance than observed Pothole 02
- Pothole 01 is a Major Pothole and is typically structural in nature
- Pothole 02 is a minor pothole and may consist of edge conditions / small popouts



- Drainage / Water Issue

- Observed drainage issues present on the pavement surface – may be a variety of causes



N Arkansas Ave

VEST LN

TYNER LN

COUNTRY CLUB RD

CENTER VALLEY RD

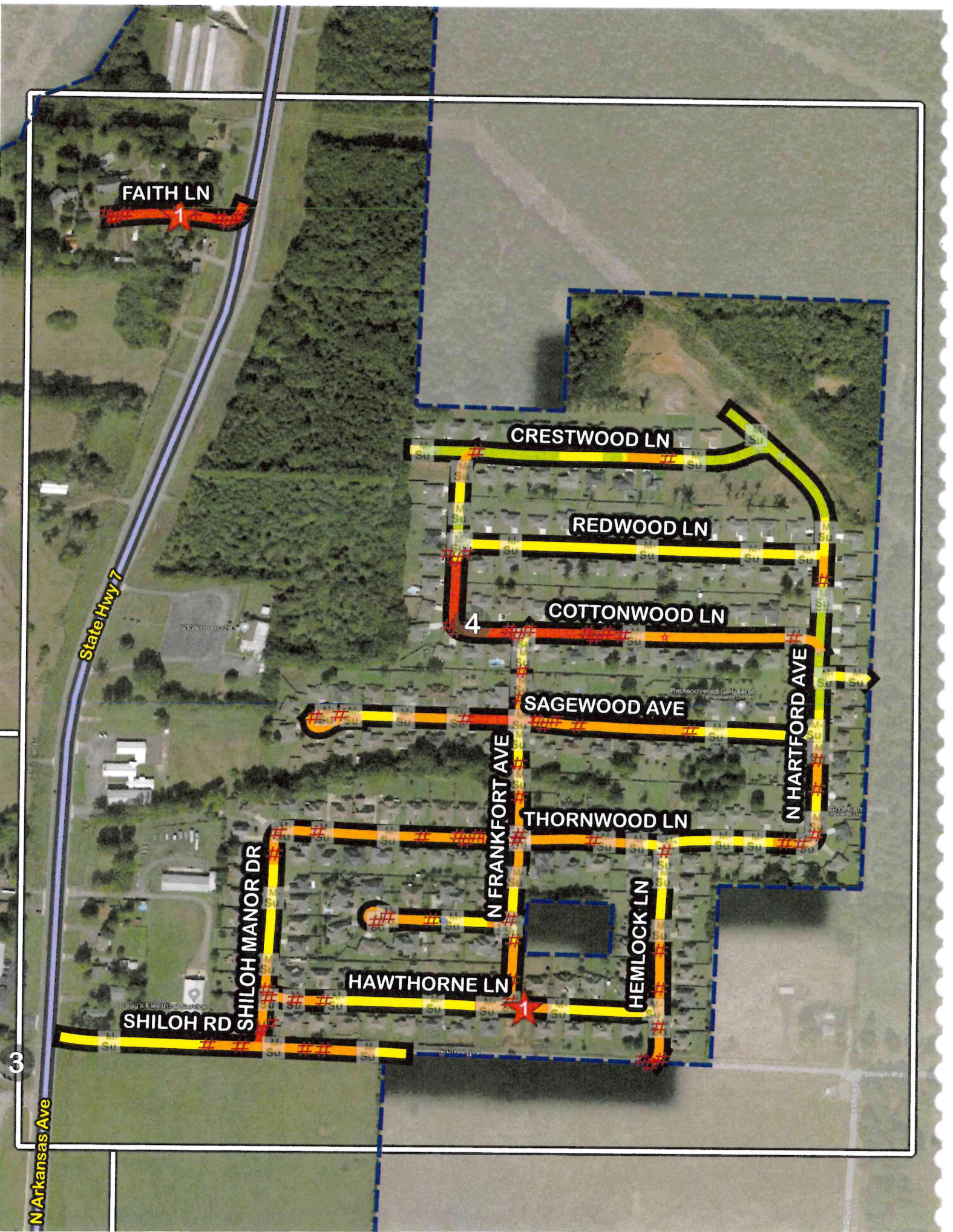
State Hwy 7

2

WATER WORKS RD

BAKERS CREEK RD

1



FAITH LN

CRESTWOOD LN

REDWOOD LN

COTTONWOOD LN

SAGEWOOD AVE

THORNWOOD LN

HAWTHORNE LN

HEMLOCK LN

N FRANKFORT AVE

N HARTFORD AVE

SHILOH MANOR DR

SHILOH RD

State Hwy 7

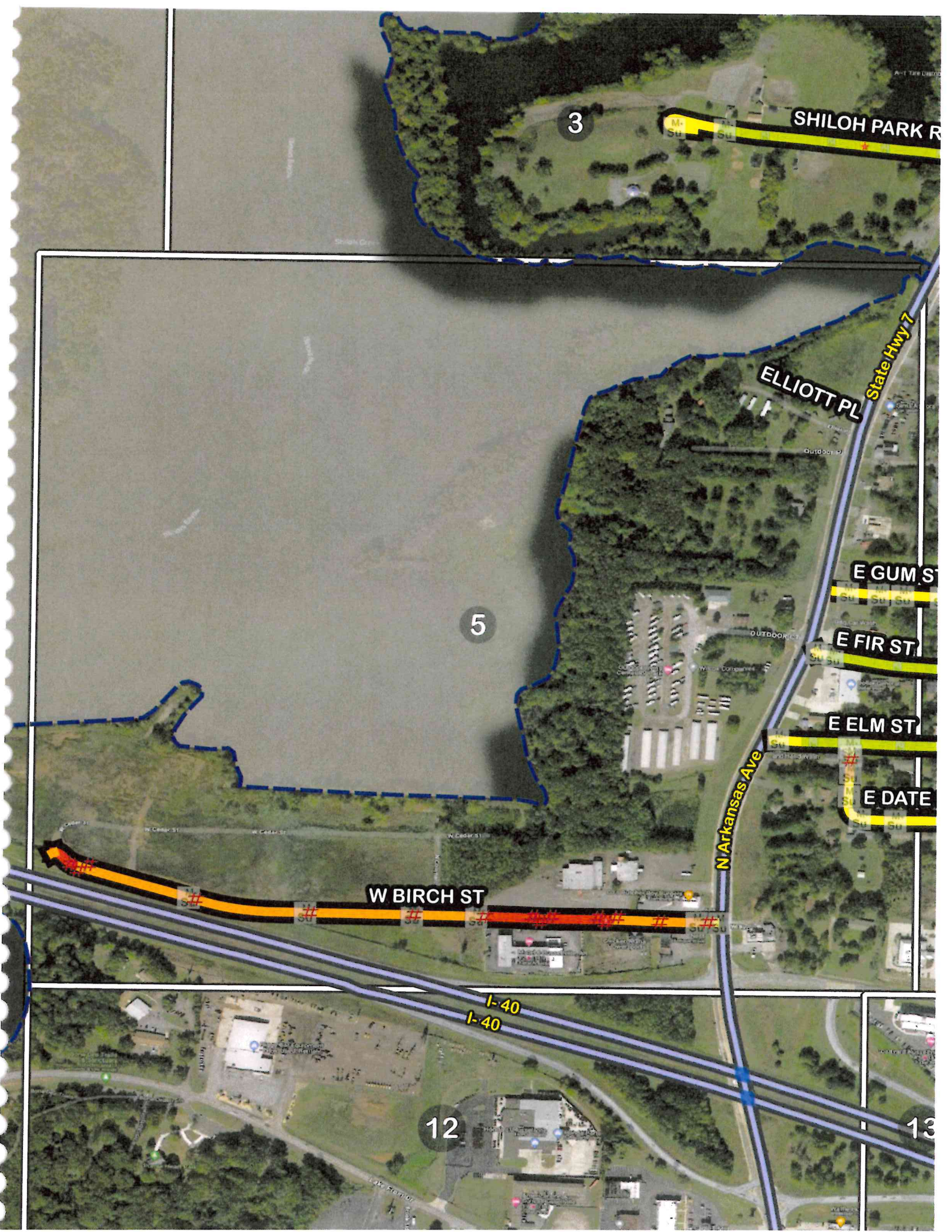
N Arkansas Ave

3

4

1

1



3

SHILOH PARK R

5

ELLIOTT PL

State Hwy 7

E GUM ST

E FIR ST

E ELM ST

E DATE

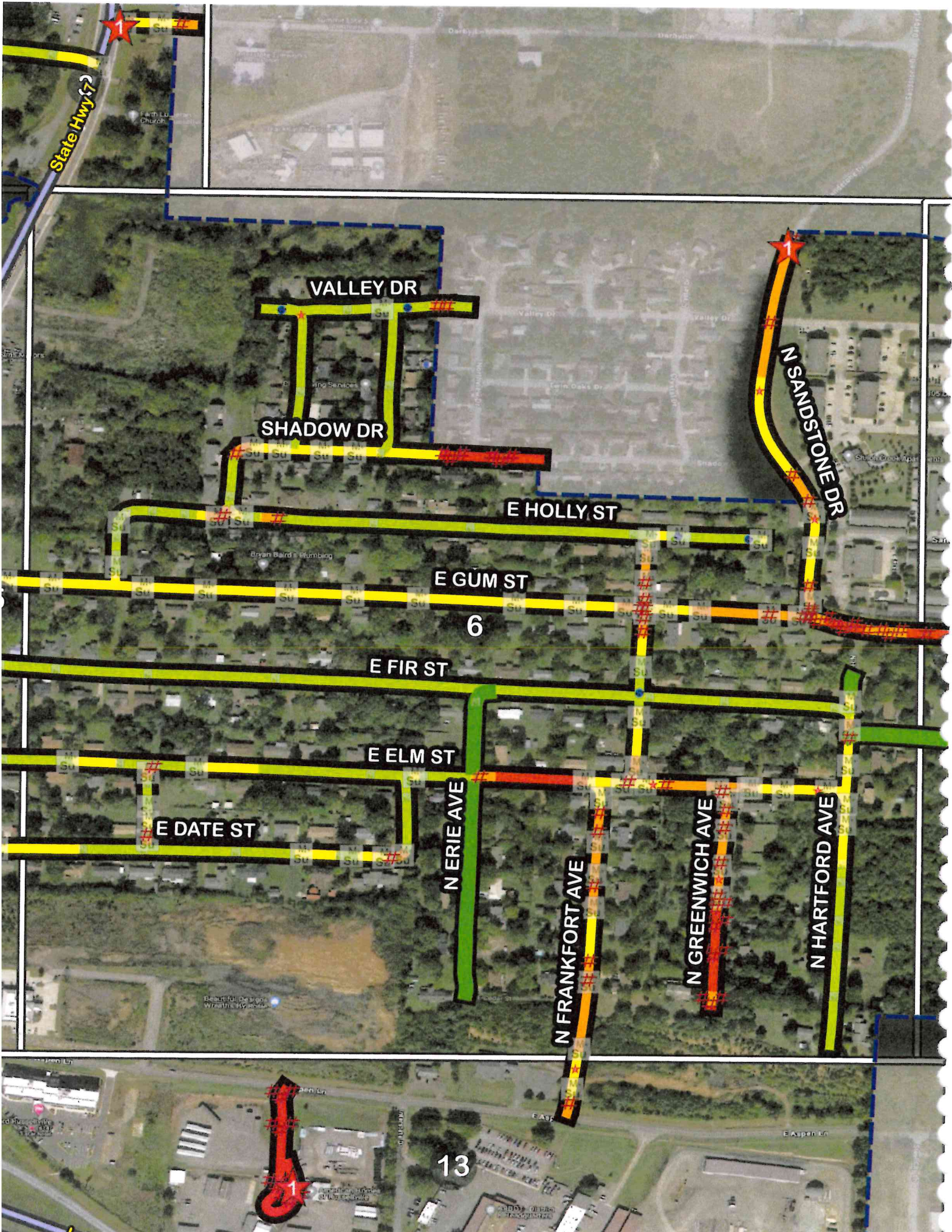
W BIRCH ST

N Arkansas Ave

I-40
I-40

12

13



State Hwy 7

VALLEY DR

SHADOW DR

E HOLLY ST

E GUM ST

6

E FIR ST

E ELM ST

E DATE ST

N ERIE AVE

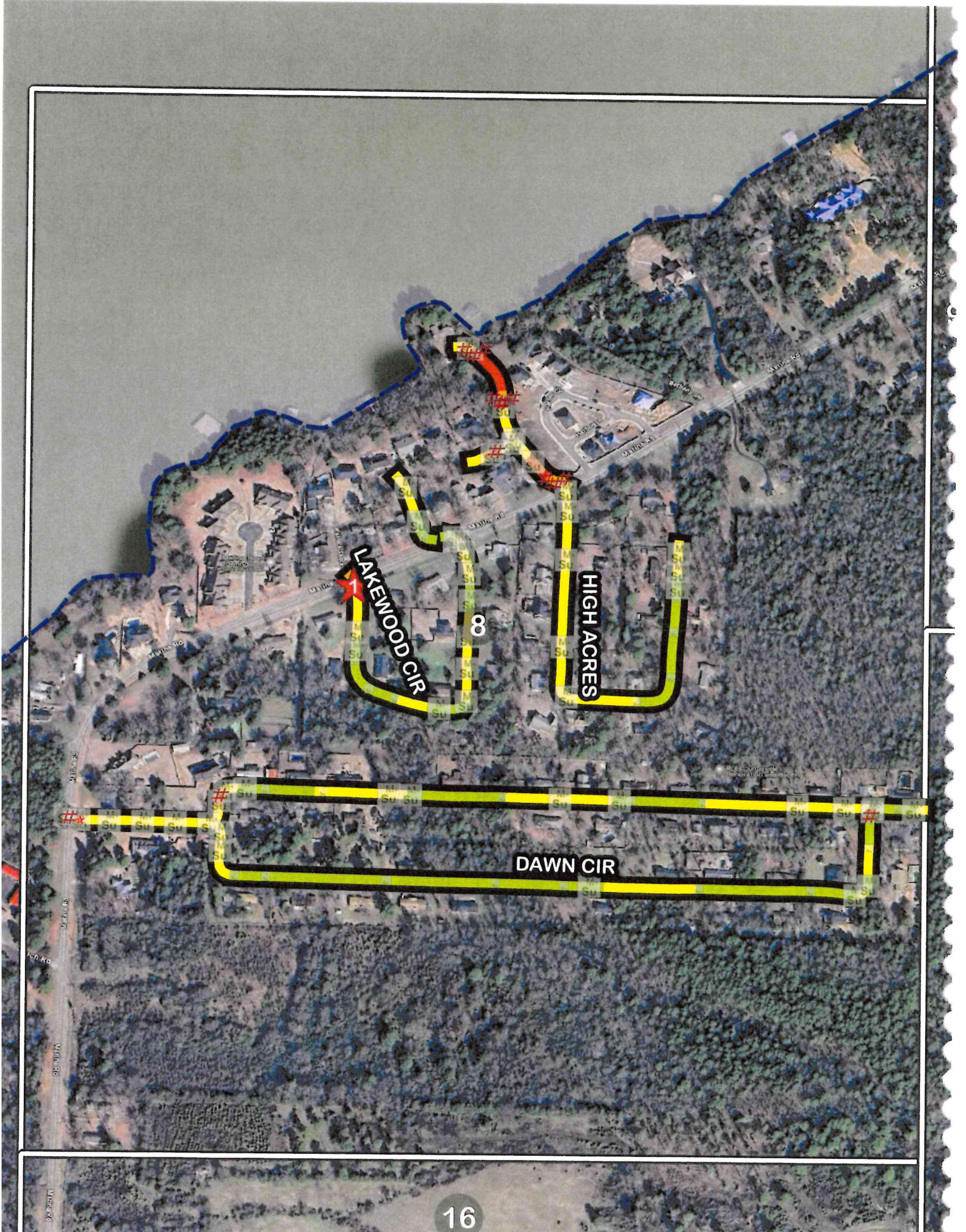
N FRANKFORT AVE

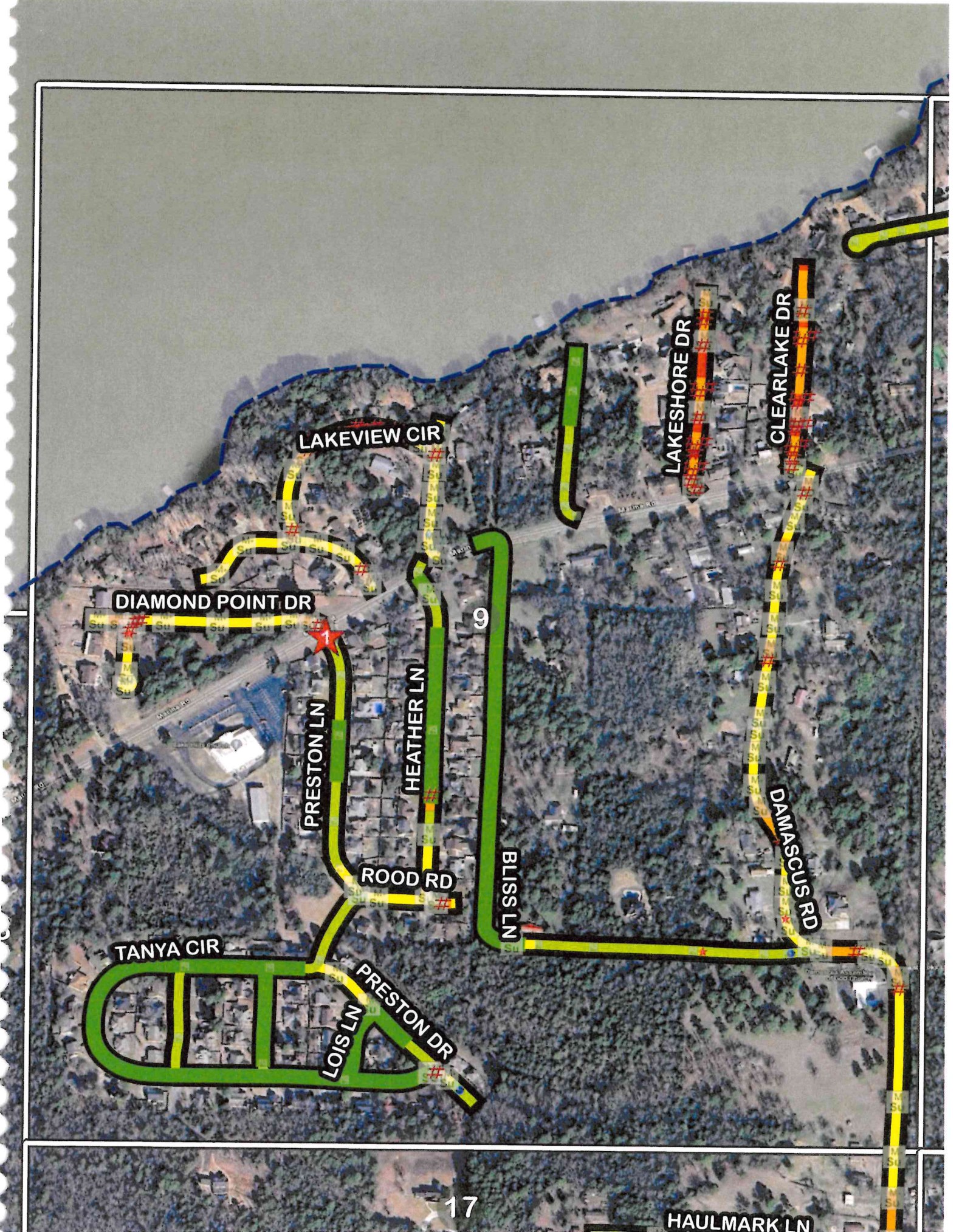
N GREENWICH AVE

N HARTFORD AVE

N SANDSTONE DR

13





DIAMOND POINT DR

LAKEVIEW CIR

LAKESHORE DR

CLEARLAKE DR

PRESTON LN

HEATHER LN

9

ROOD RD

BLISS LN

DAMASCUS RD

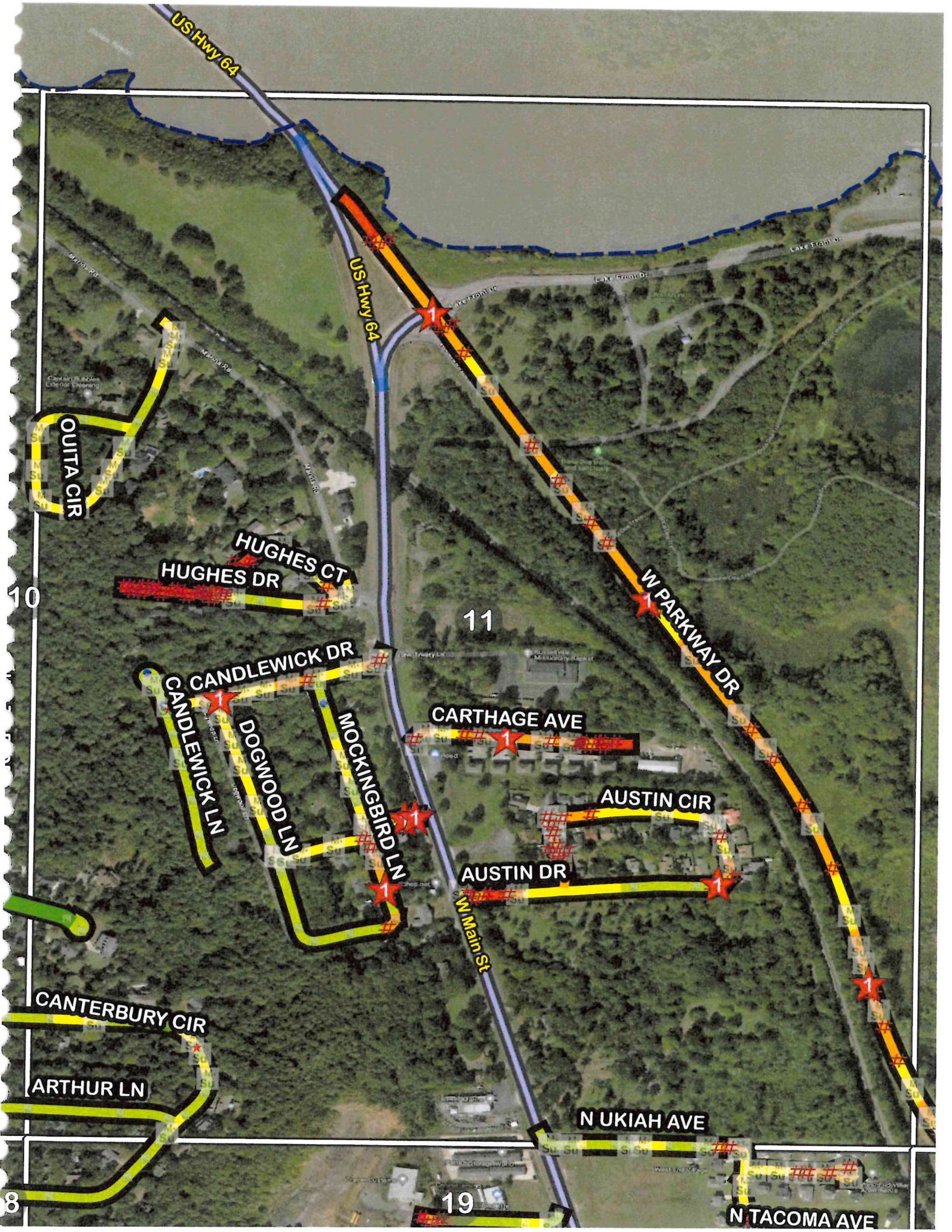
TANYA CIR

LOIS LN

PRESTON DR

17

HAULMARK LN



US Hwy 64

US Hwy 64

W PARKWAY DR

CARTHAGE AVE

AUSTIN CIR

AUSTIN DR

MOCKINGBIRD LN

DOGWOOD LN

CANDLEWICK DR

CANDLEWICK LN

HUGHES CT
HUGHES DR

OUITA CIR

CANTERBURY CIR

ARTHUR LN

N UKIAH AVE

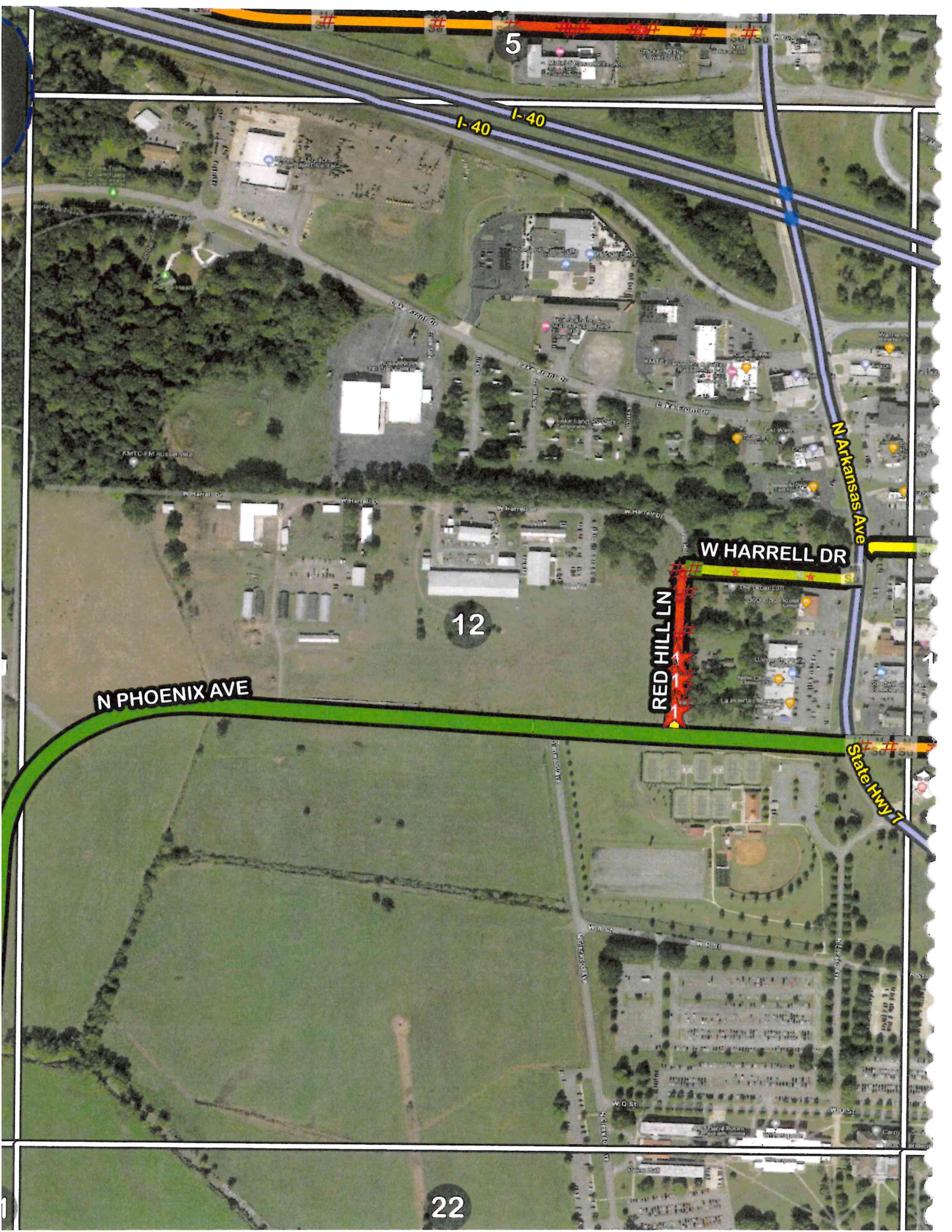
N TACOMA AVE

11

19

10

8



5

I-40

N PHOENIX AVE

RED HILL LN

W HARRELL DR

N Arkansas Ave

State Hwy 7

12

22

5

6

7



1

I-40

I-40

E HARRELL DR

13

REASONER LN

N Arkansas Ave

Site Hwy 7

23

2

2

E CEDAR ST

7

14

24

SPARKSFORD DR

OLD HWY 124

I-40
I-40





14

15

E OLD HWY 124

State Hwy 124

4

25

UNIVERSITY

I-40 I-40

E OST

26

HOB NOB R

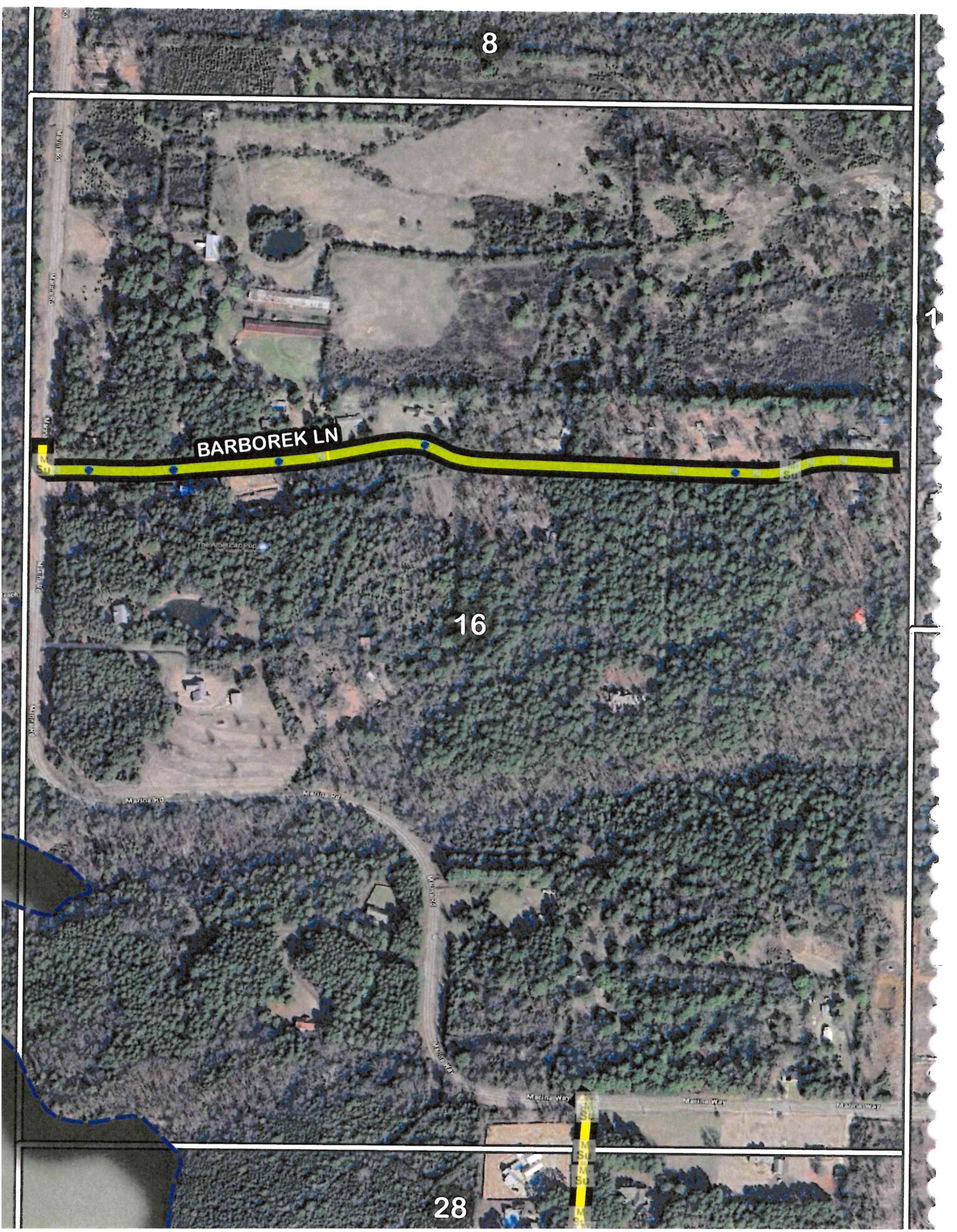
8

BARBOREK LN

16

28

1



TANTA CIR 9

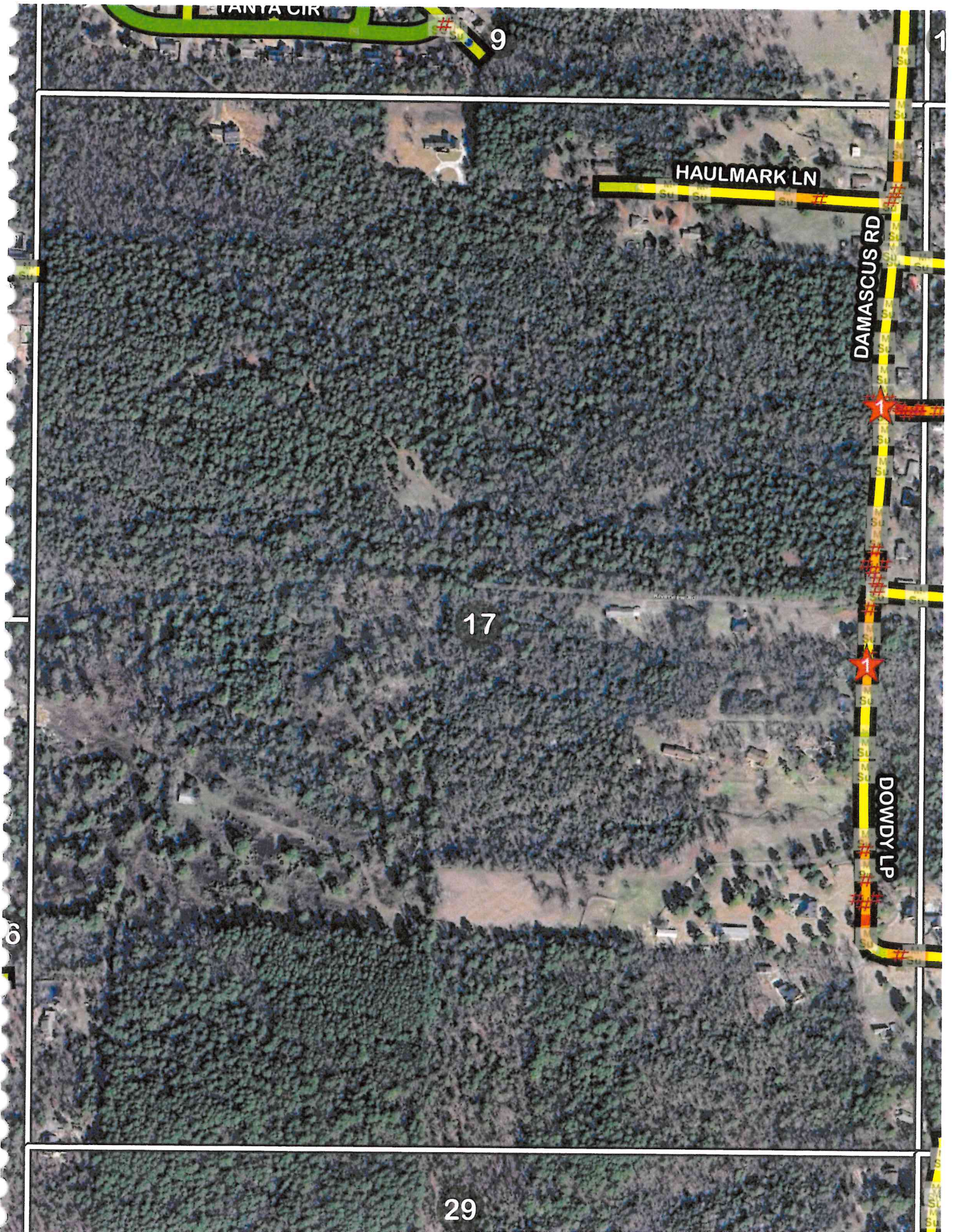
HAULMARK LN

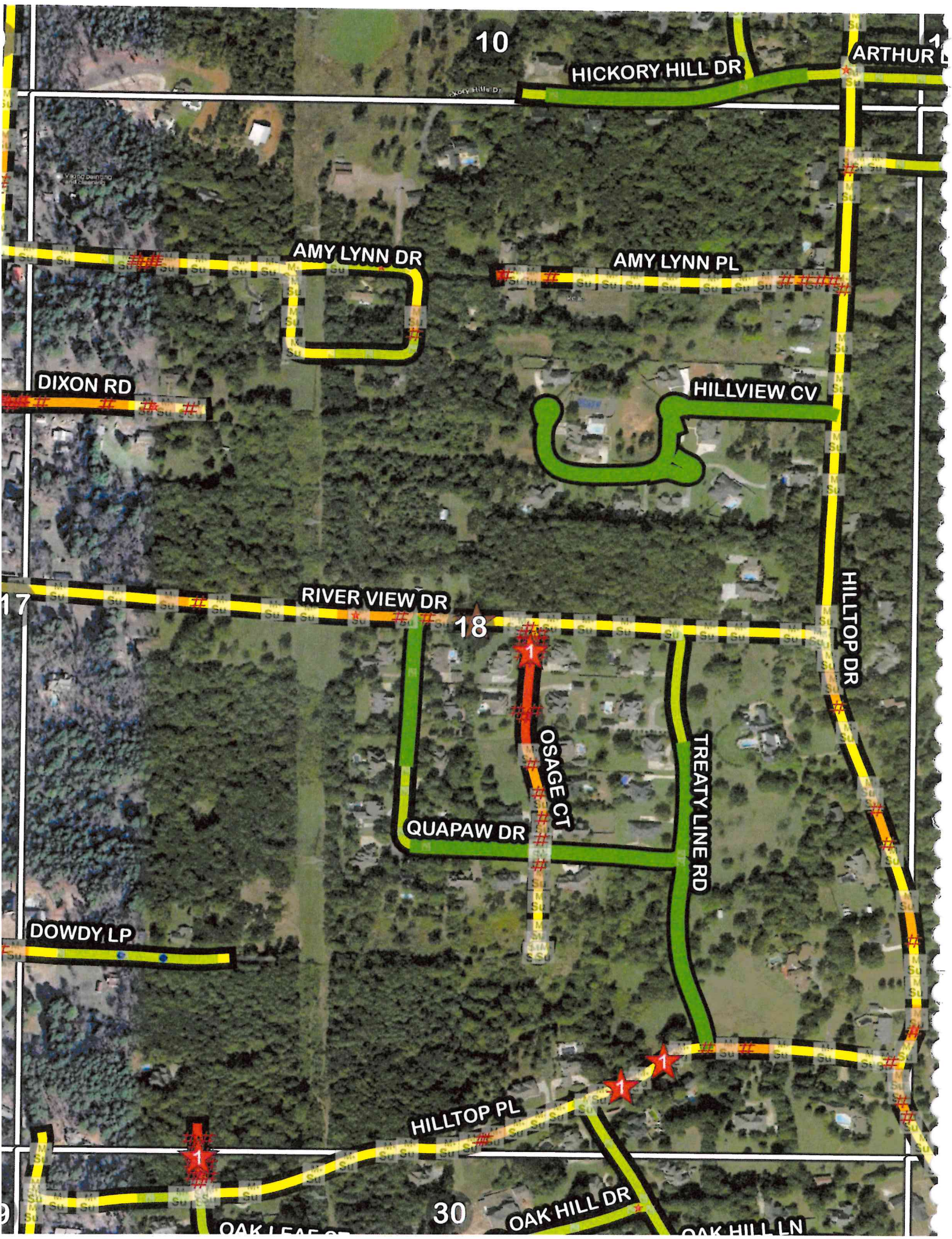
DAMASCUS RD

17

DOWDY LP

29





10

HICKORY HILL DR

ARTHUR

AMY LYNN DR

AMY LYNN PL

DIXON RD

HILLVIEW CV

RIVER VIEW DR

18

HILLTOP DR

OSAGE CT

TREATY LINE RD

QUAPAW DR

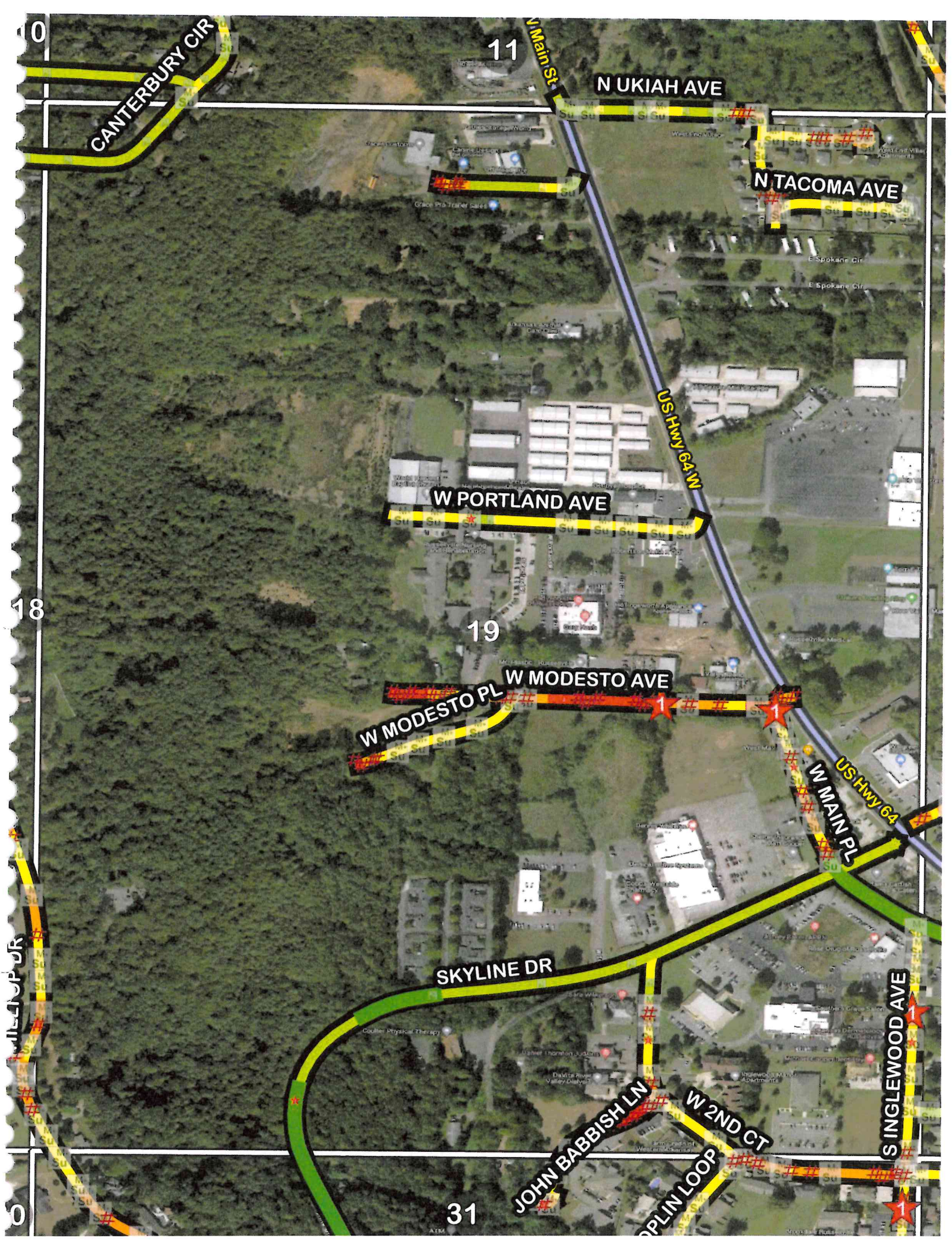
DOWDY LP

HILLTOP PL

30

OAK HILL DR

OAK HILL LN



CANTERBURY CIR

11

N UKIAH AVE

N TACOMA AVE

US Hwy 64 W

W PORTLAND AVE

19

W MODESTO AVE

W MODESTO PL

US Hwy 64
W MAIN PL

SKYLINE DR

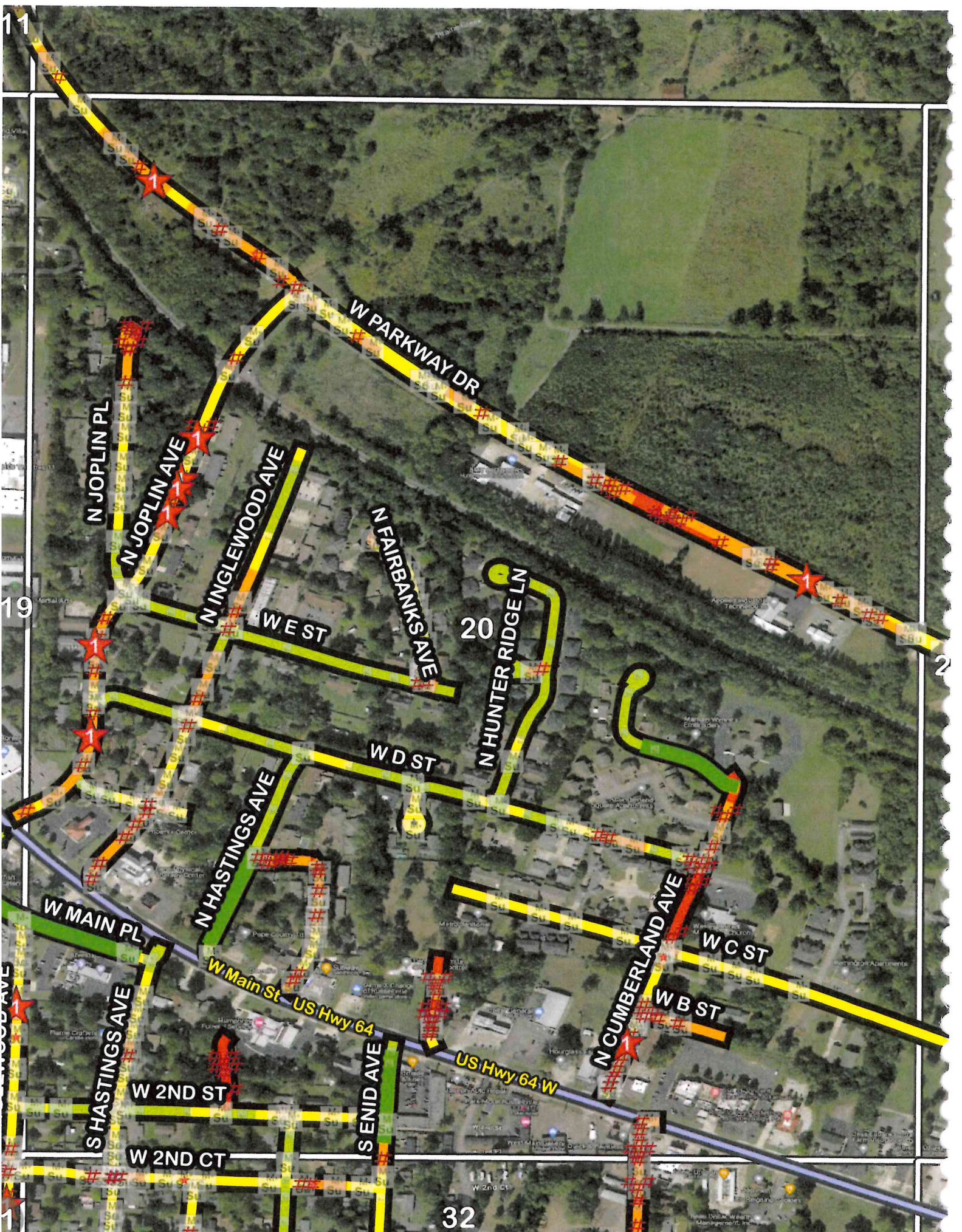
JOHN BABBISH LN

W 2ND CT

SINGLEWOOD AVE

31

W 1ST ST
W 2ND ST
W 3RD ST
W 4TH ST
W 5TH ST
W 6TH ST
W 7TH ST
W 8TH ST
W 9TH ST
W 10TH ST
W 11TH ST
W 12TH ST
W 13TH ST
W 14TH ST
W 15TH ST
W 16TH ST
W 17TH ST
W 18TH ST
W 19TH ST
W 20TH ST
W 21ST ST
W 22ND ST
W 23RD ST
W 24TH ST
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W 31ST ST
W 32ND ST
W 33RD ST
W 34TH ST
W 35TH ST
W 36TH ST
W 37TH ST
W 38TH ST
W 39TH ST
W 40TH ST
W 41ST ST
W 42ND ST
W 43RD ST
W 44TH ST
W 45TH ST
W 46TH ST
W 47TH ST
W 48TH ST
W 49TH ST
W 50TH ST



11

19

20

32

2

N JOPLIN PL

N JOPLIN AVE

N INGLEWOOD AVE

N FAIRBANKS AVE

N HUNTER RIDGELN

WEST

W D ST

N HASTINGS AVE

N CUMBERLAND AVE

WC ST

WB ST

W MAIN PL

W Main St

US Hwy 64

US Hwy 64 W

W 2ND ST

W 2ND CT

S END AVE

W 2nd St

12

1

22

2

W K ST

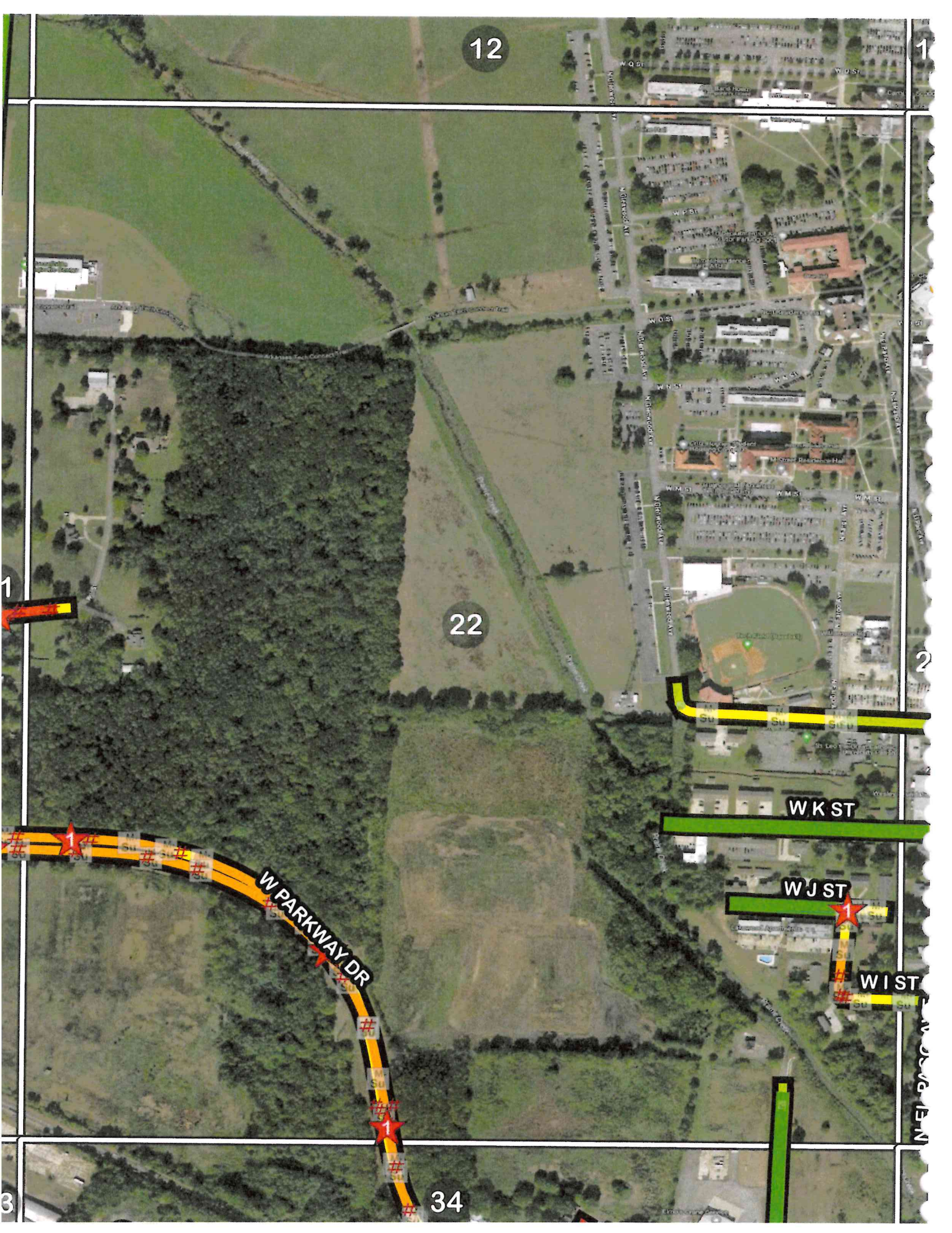
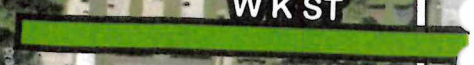
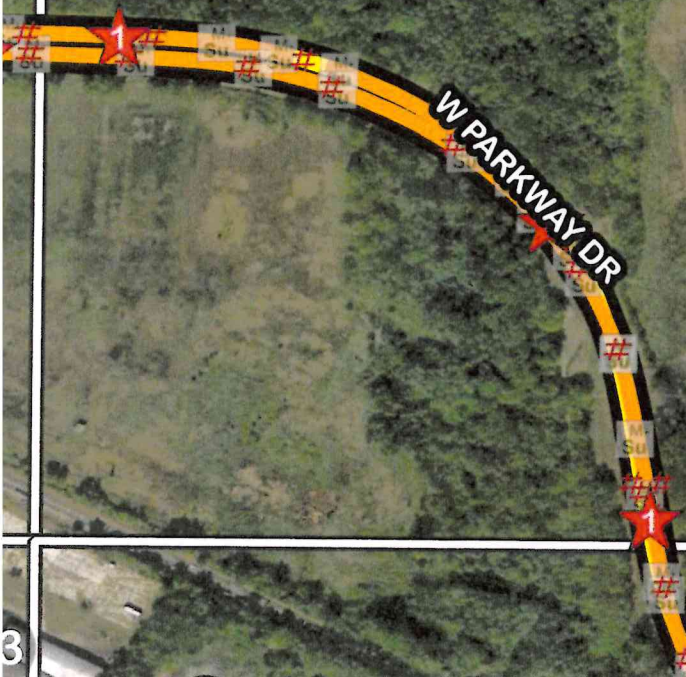
W J ST

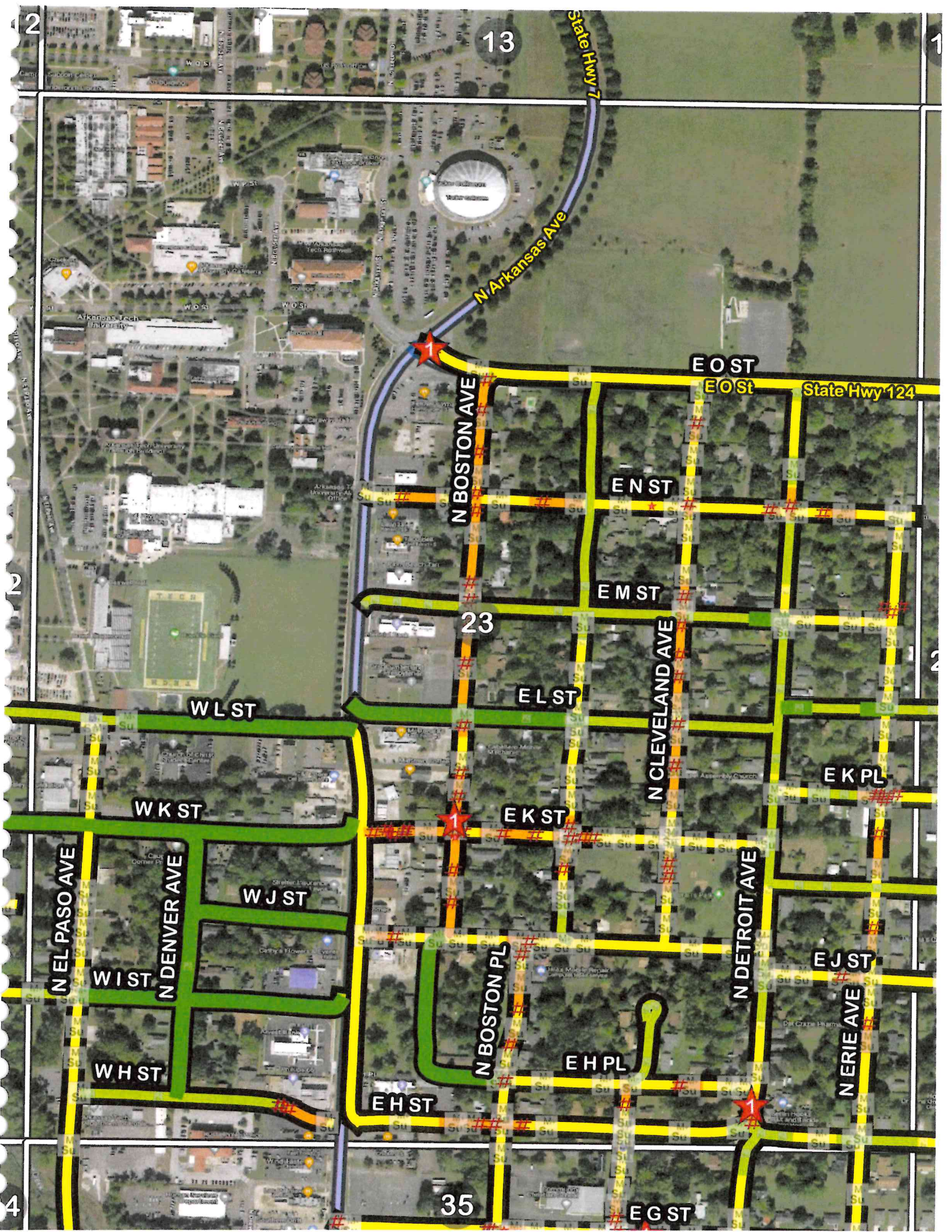
W I ST

W PARKWAY DR

34

W 34th St





2

13

1

2

2

4

35

State Hwy 7

N Arkansas Ave

N BOSTON AVE

E O ST
EO St

State Hwy 124

E N ST

23

E M ST

W L ST

E L ST

N CLEVELAND AVE

E K PL

W K ST

E K ST

N EL PASO AVE

N DENVER AVE

W J ST

N DETROIT AVE

E J ST

W I ST

N ERIE AVE

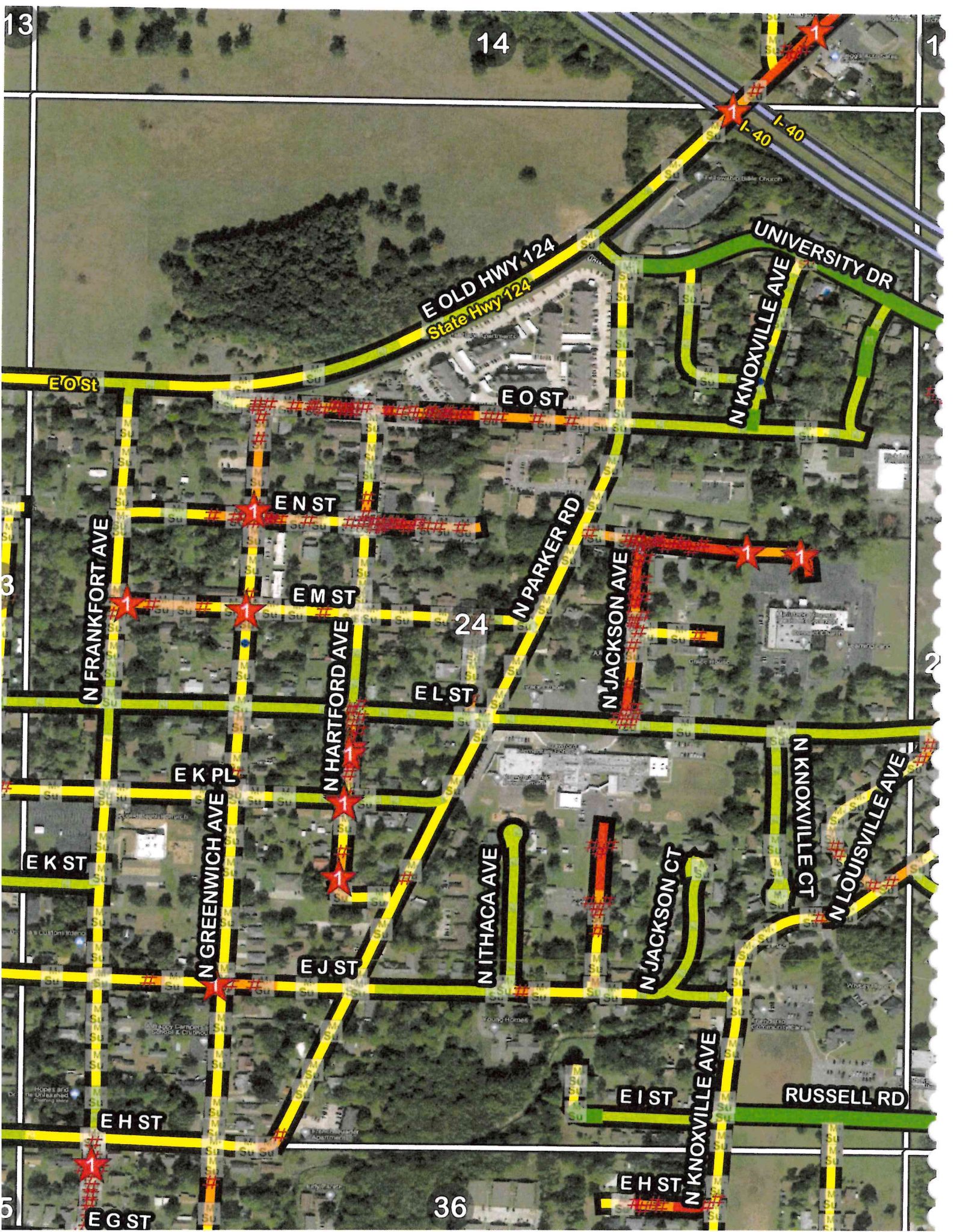
W H ST

N BOSTON PL

E H PL

E H ST

E G ST



13

14

1

3

2

5

36

E OLD HWY 124
State Hwy 124

UNIVERSITY DR

N KNOXVILLE AVE

E OST

EN ST

EM ST

EL ST

EK PL

EK ST

N GREENWICH AVE

N HARTFORD AVE

24

N PARKER RD

N JACKSON AVE

N KNOXVILLE CT

N LOUISVILLE AVE

N ITHACA AVE

N JACKSON CT

EJ ST

E I ST

RUSSELL RD

EH ST

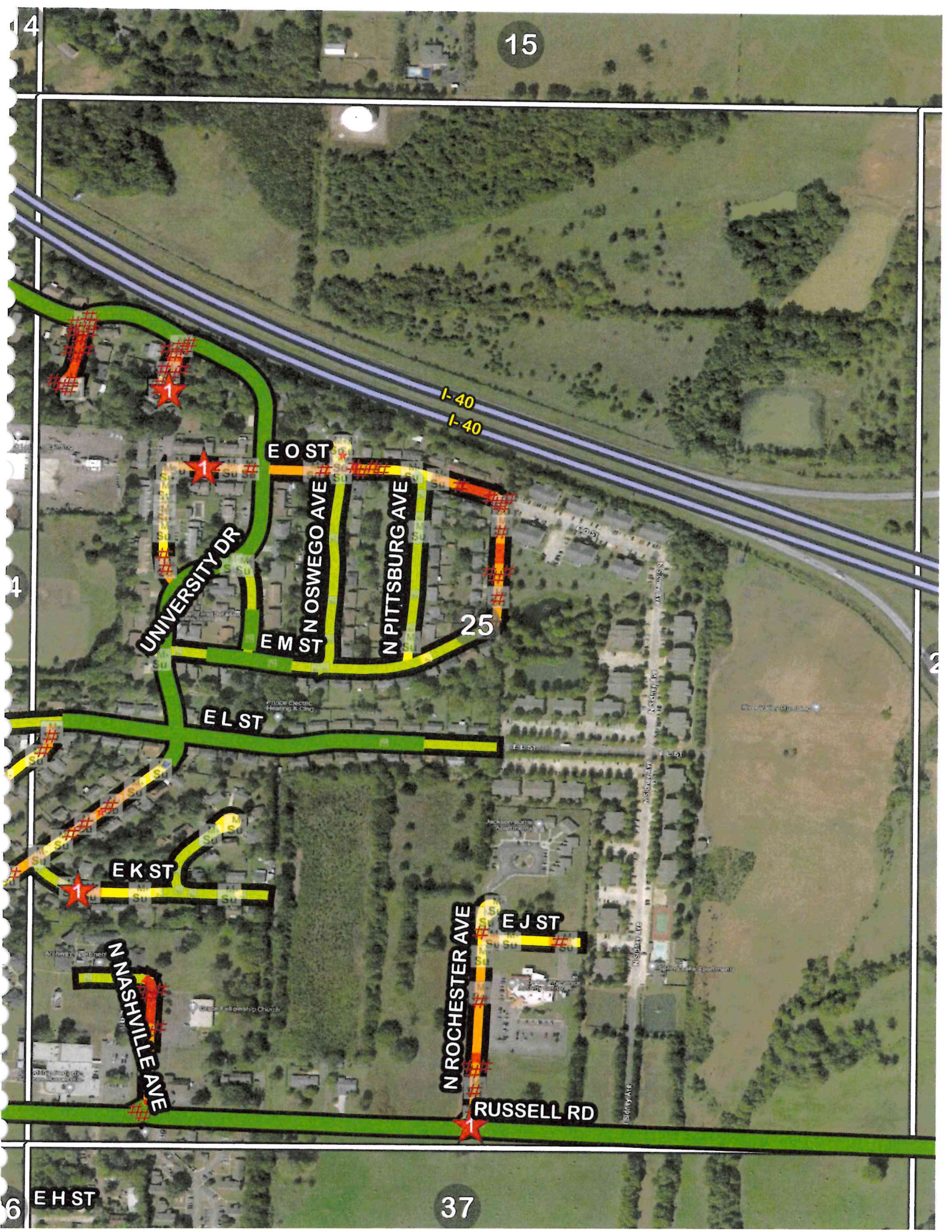
EH ST

EG ST

N KNOXVILLE AVE

14

15



4

I-40

I-40

EO ST

UNIVERSITY DR

N OSWEGO AVE

N PITTSBURG AVE

EM ST

25

EL ST

EK ST

N NASHVILLE AVE

N ROCHESTER AVE

EJ ST

RUSSELL RD

6

EH ST

37

15

AR 72 Spwy
AR 72 Spwy

HOB NOB RD

26

I-40
I-40

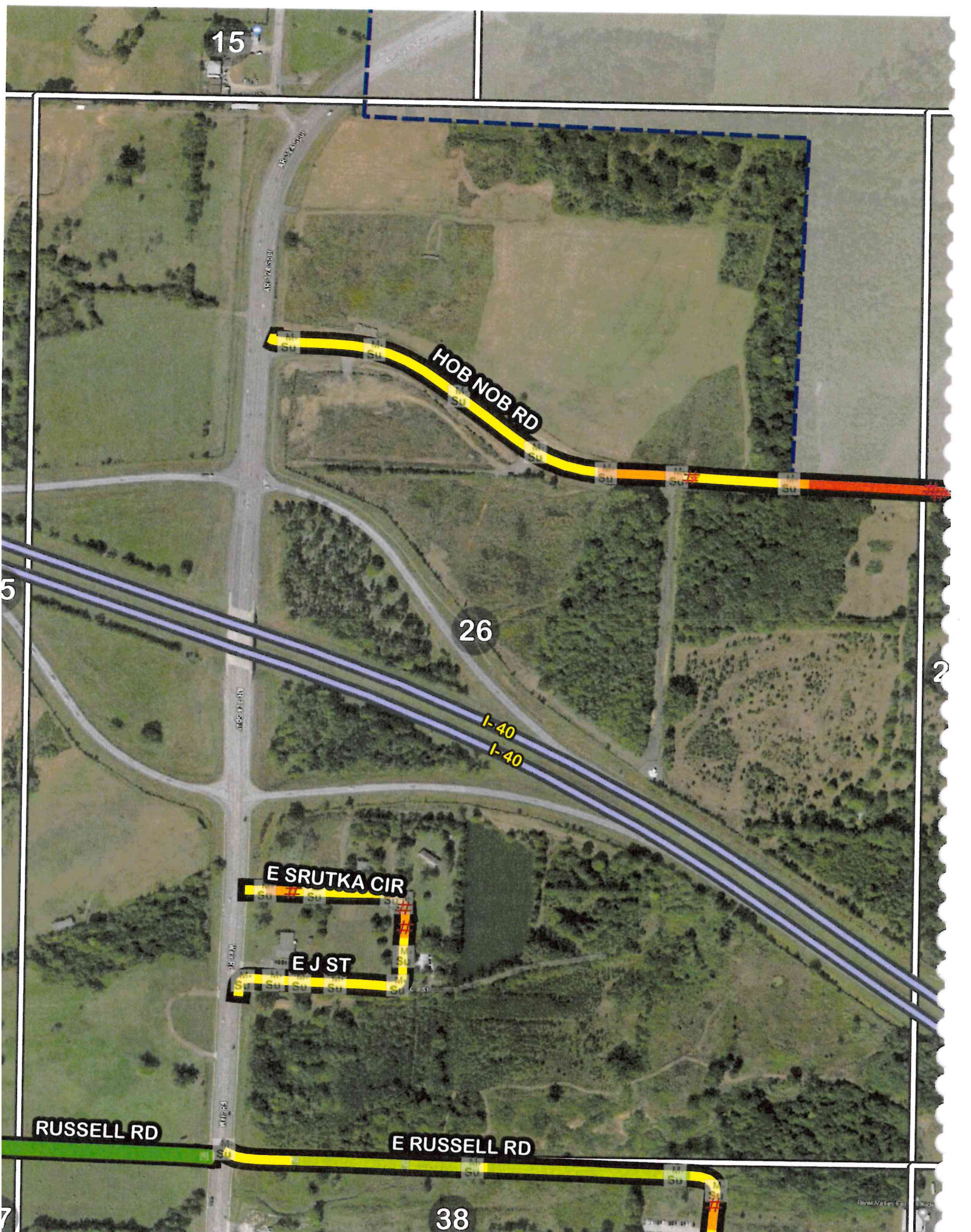
E SRUTKA CIR

E J ST

RUSSELL RD

E RUSSELL RD

38



16

Mingo Way

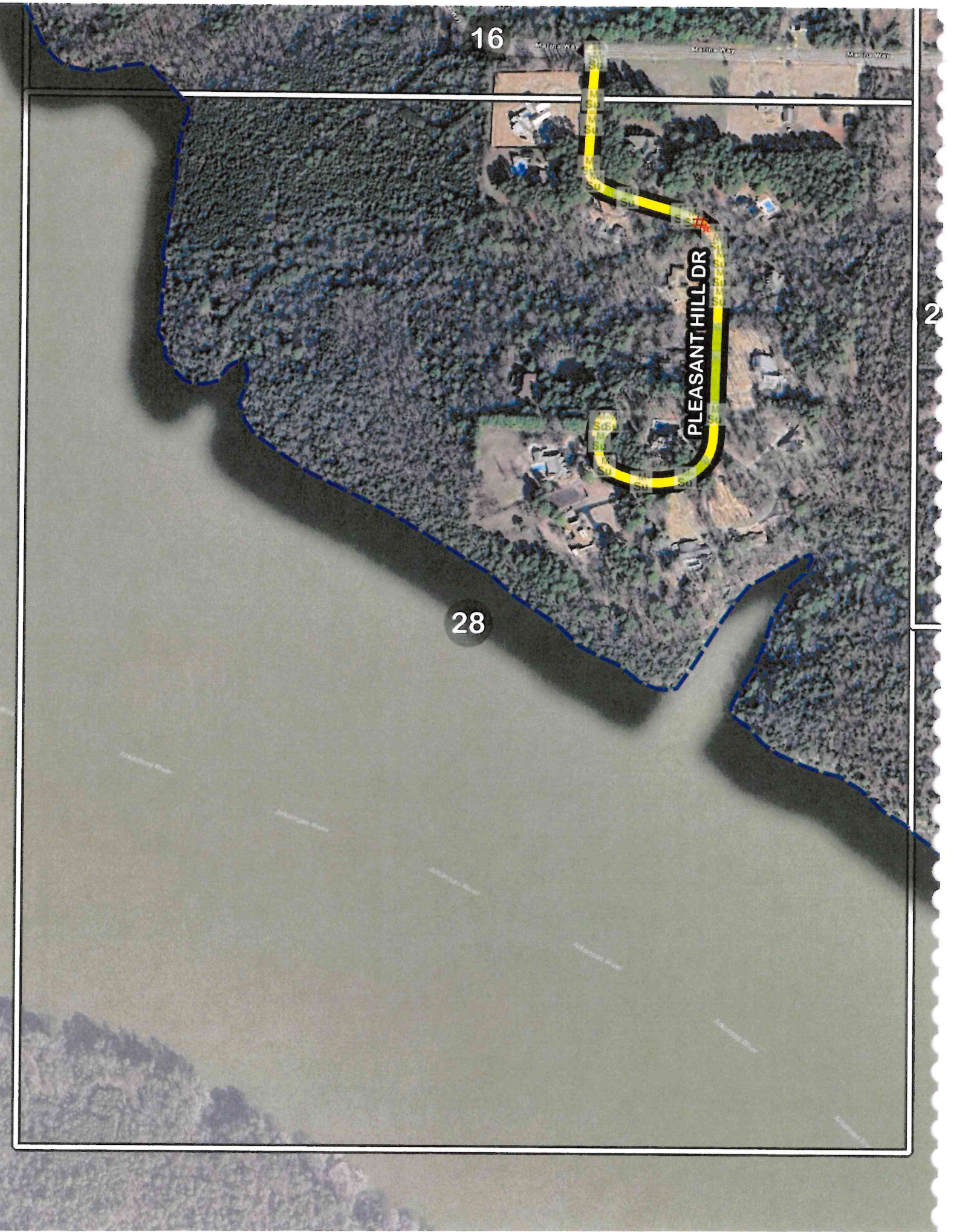
Mingo Way

Mingo Way

PLEASANT HILL DR

28

2



17

16

RIVER OAKS LN

Marina Way Marina Way Marina Way Marina Way Marina Way

29

MARINA WAY

8

1

2

3

4

5

6

7

8

9

10

11

12

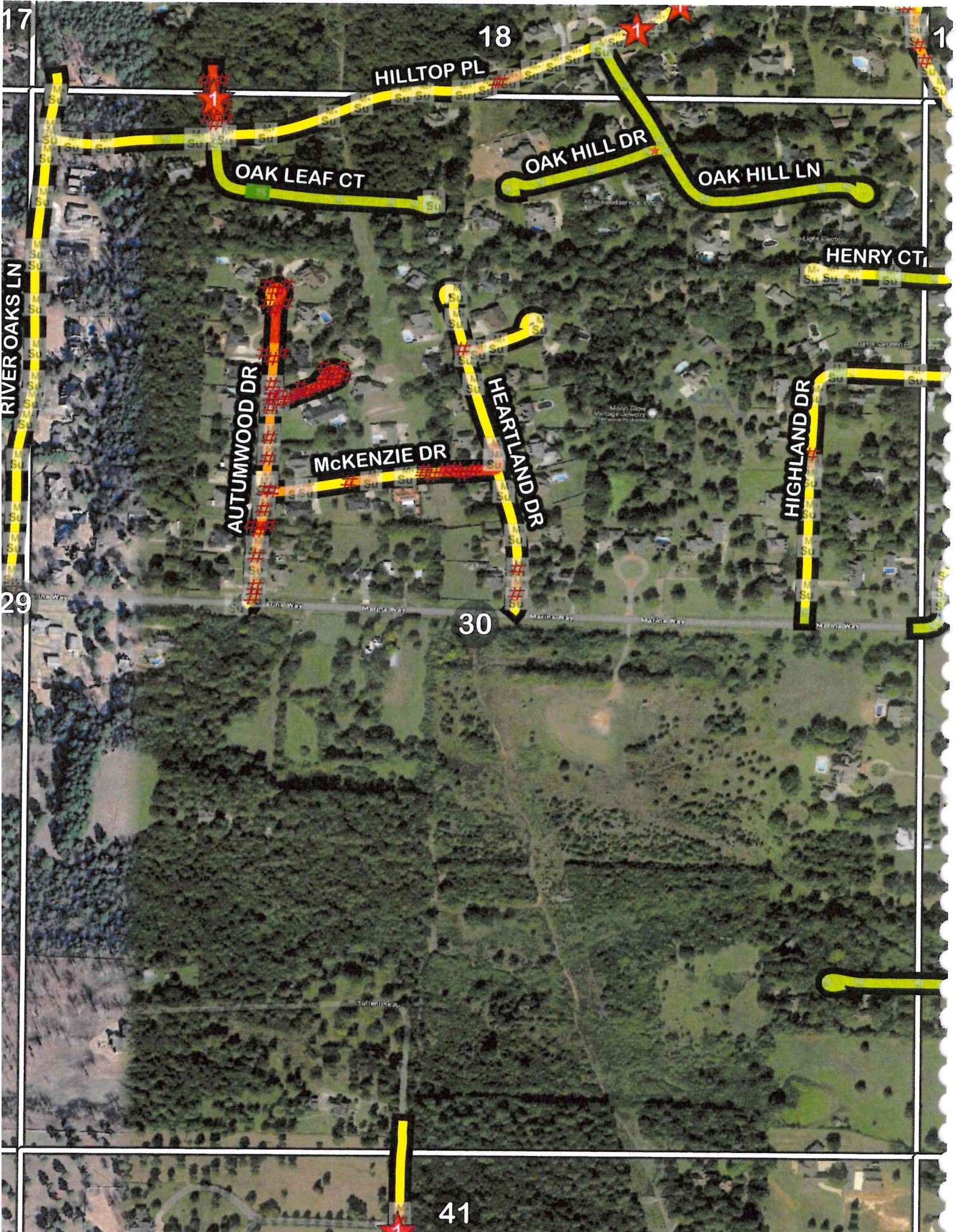
13

14

15

16





17

18

16

HILLTOP PL

OAK LEAF CT

OAK HILL DR

OAK HILL LN

HENRY CT

RIVER OAKS LN

AUTUMWOOD DR

McKENZIE DR

HEARTLAND DR

HIGHLAND DR

29

30

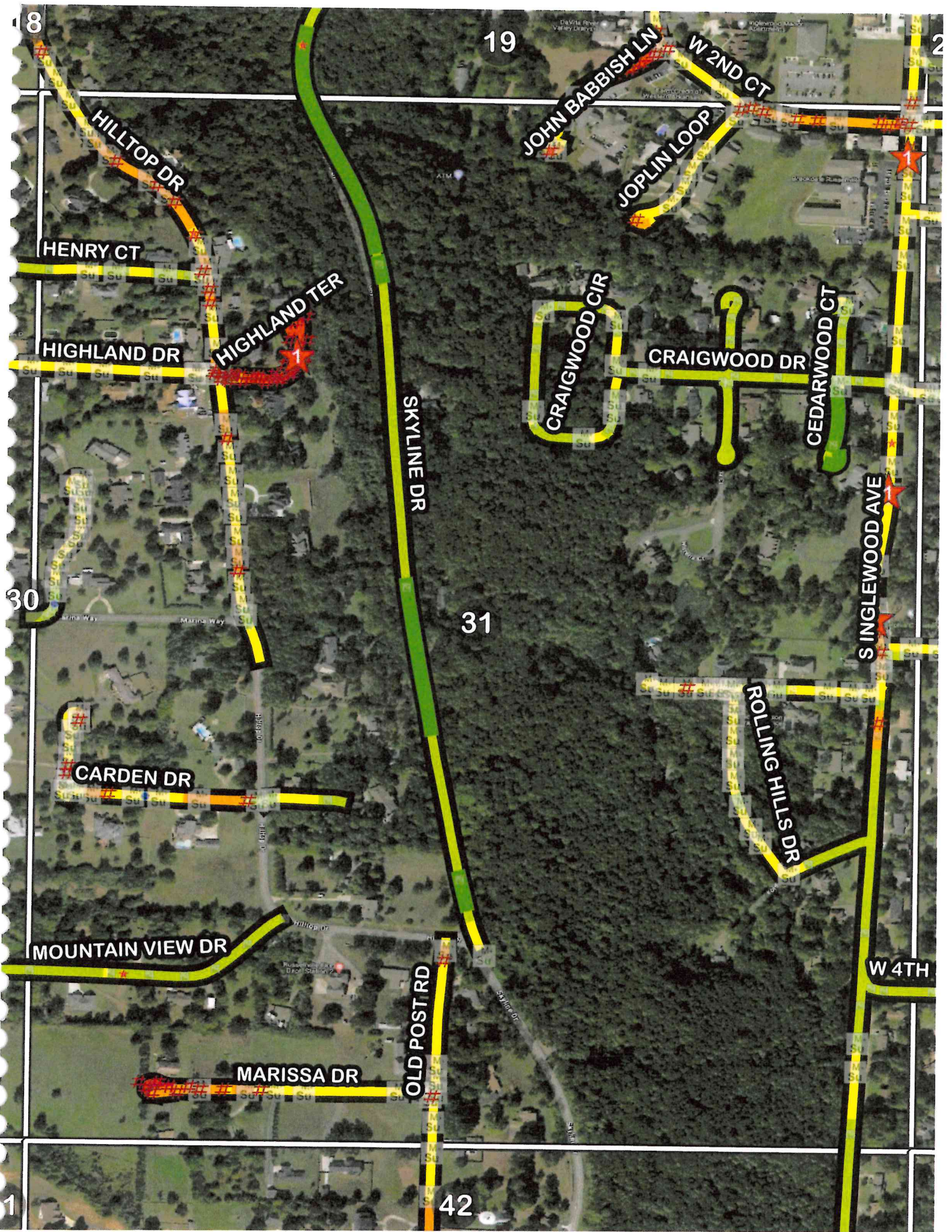
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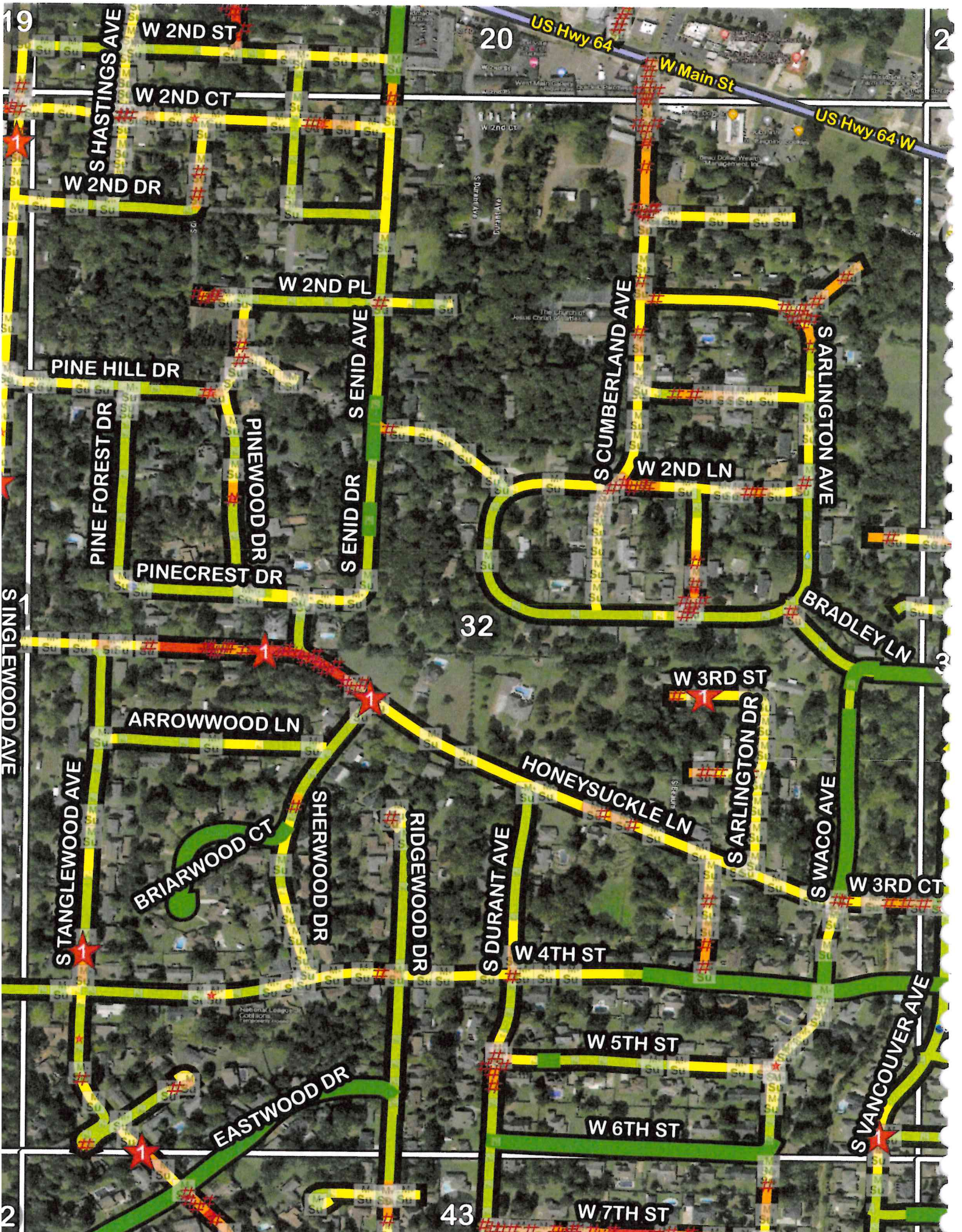
Martin Diner
Vintage Jewelry

StarLight Electric

Day's Superior

Turkentine, B.





19

20

21

S SINGLEWOOD AVE

S HASTINGS AVE
W 2ND ST
W 2ND CT
W 2ND DR

US Hwy 64
W Main St
US Hwy 64 W

W 2ND PL
PINE HILL DR
PINE FOREST DR
PINEWOOD DR
PINECREST DR
S ENID AVE
S ENID DR

32

S CUMBERLAND AVE
W 2ND LN
S ARLINGTON AVE
BRADLEY LN

33

ARROWWOOD LN
BRIARWOOD CT
SHERWOOD DR
RIDGEWOOD DR
S DURANT AVE
W 3RD ST
HONEYSUCKLE LN
S ARLINGTON DR
S WACO AVE
W 3RD CT

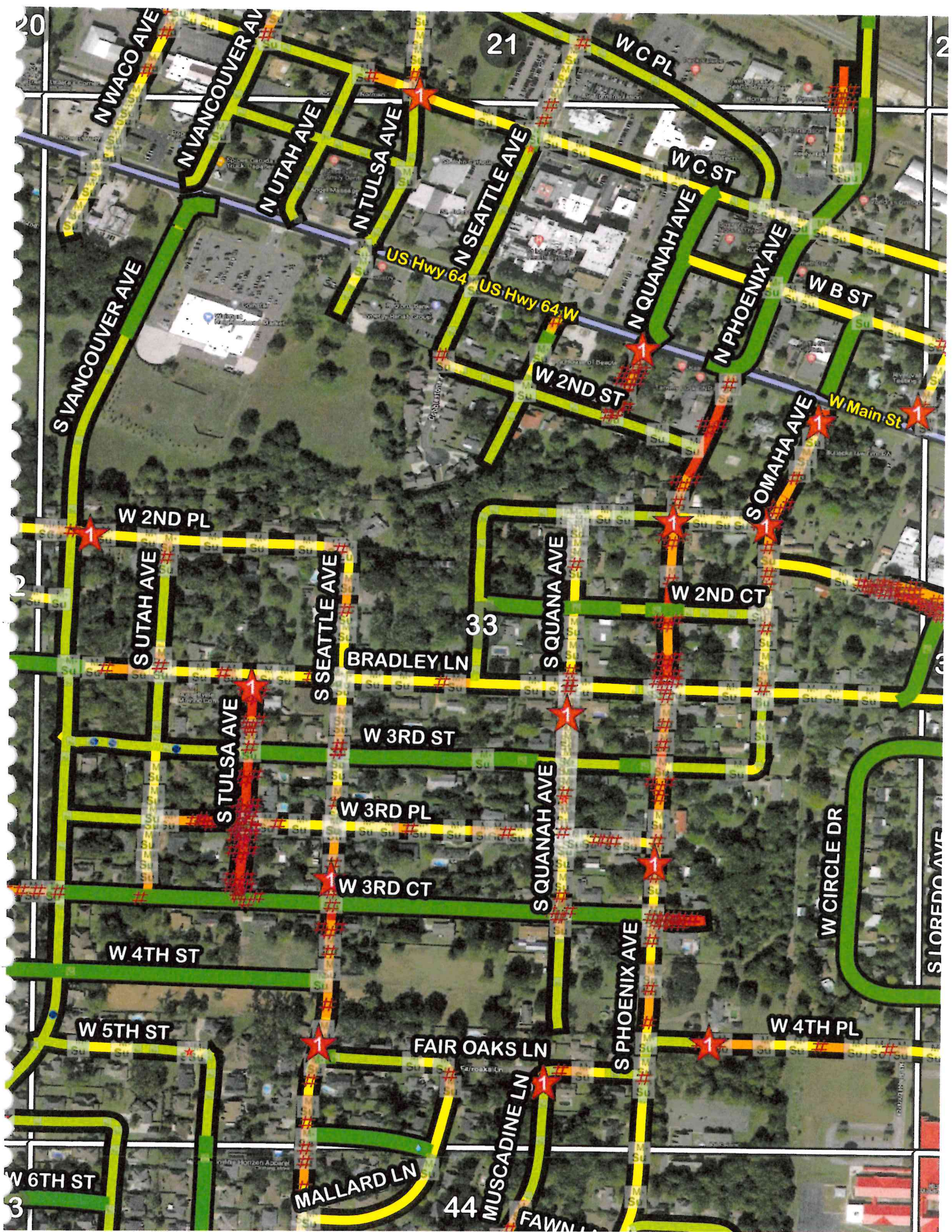
S TANGLEWOOD AVE

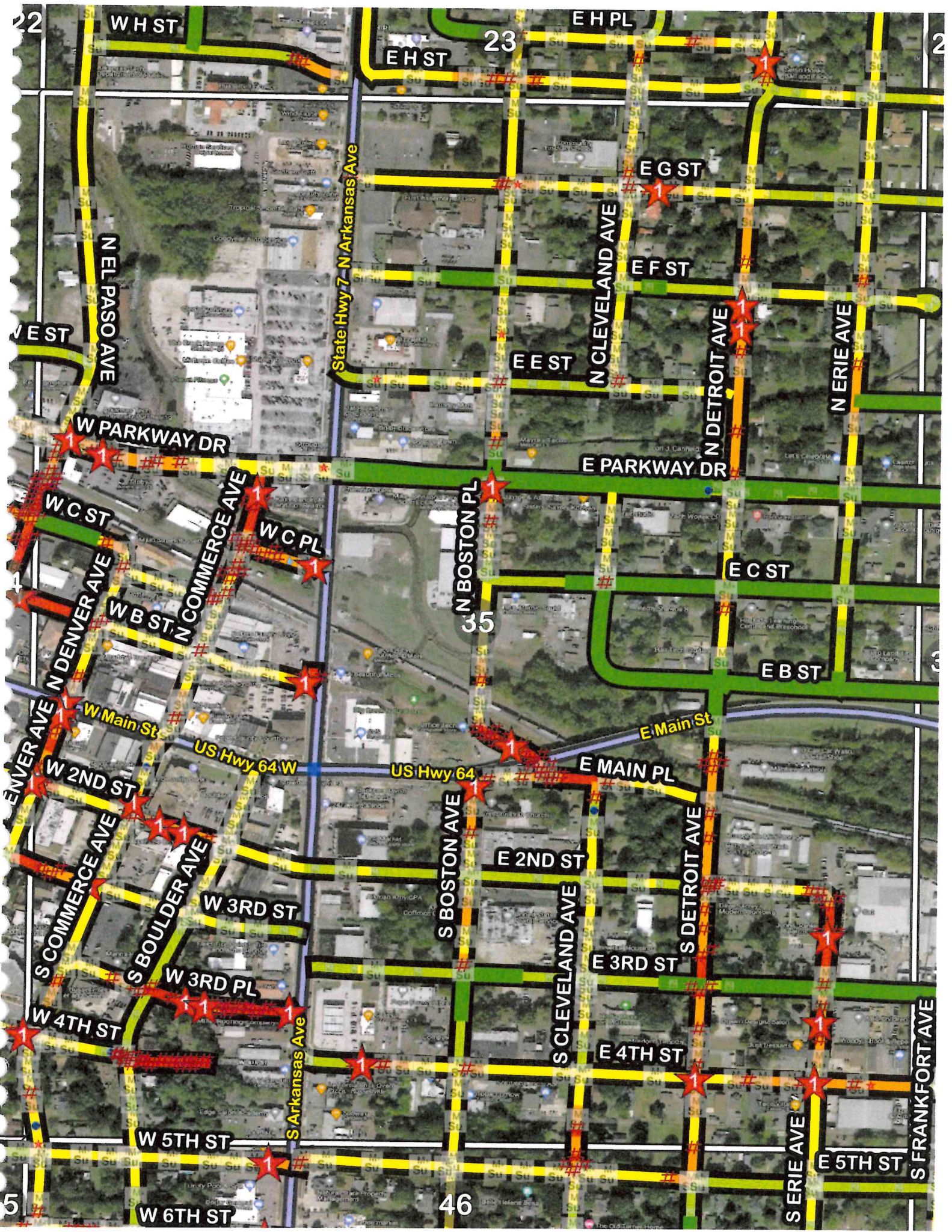
EASTWOOD DR

W 4TH ST
W 5TH ST
W 6TH ST
W 7TH ST
S VANCOUVER AVE

43

2





WH ST

EH PL

EH ST

23

EG ST

EF ST

EEST

E PARKWAY DR

EC ST

EB ST

E MAIN PL

E 2ND ST

E 3RD ST

E 4TH ST

E 5TH ST

NEL PASO AVE

State Hwy 7 - N Arkansas Ave

N CLEVELAND AVE

N DETROIT AVE

N ERIE AVE

W PARKWAY DR

WC ST

W COMMERCE AVE

WC PL

WB ST

N DENVER AVE

W Main St

W 2ND ST

S COMMERCE AVE

S BOULDER AVE

W 3RD ST

W 3RD PL

W 4TH ST

W 5TH ST

W 6TH ST

US Hwy 64 W

US Hwy 64

N BOSTON PL

S BOSTON AVE

S CLEVELAND AVE

S DETROIT AVE

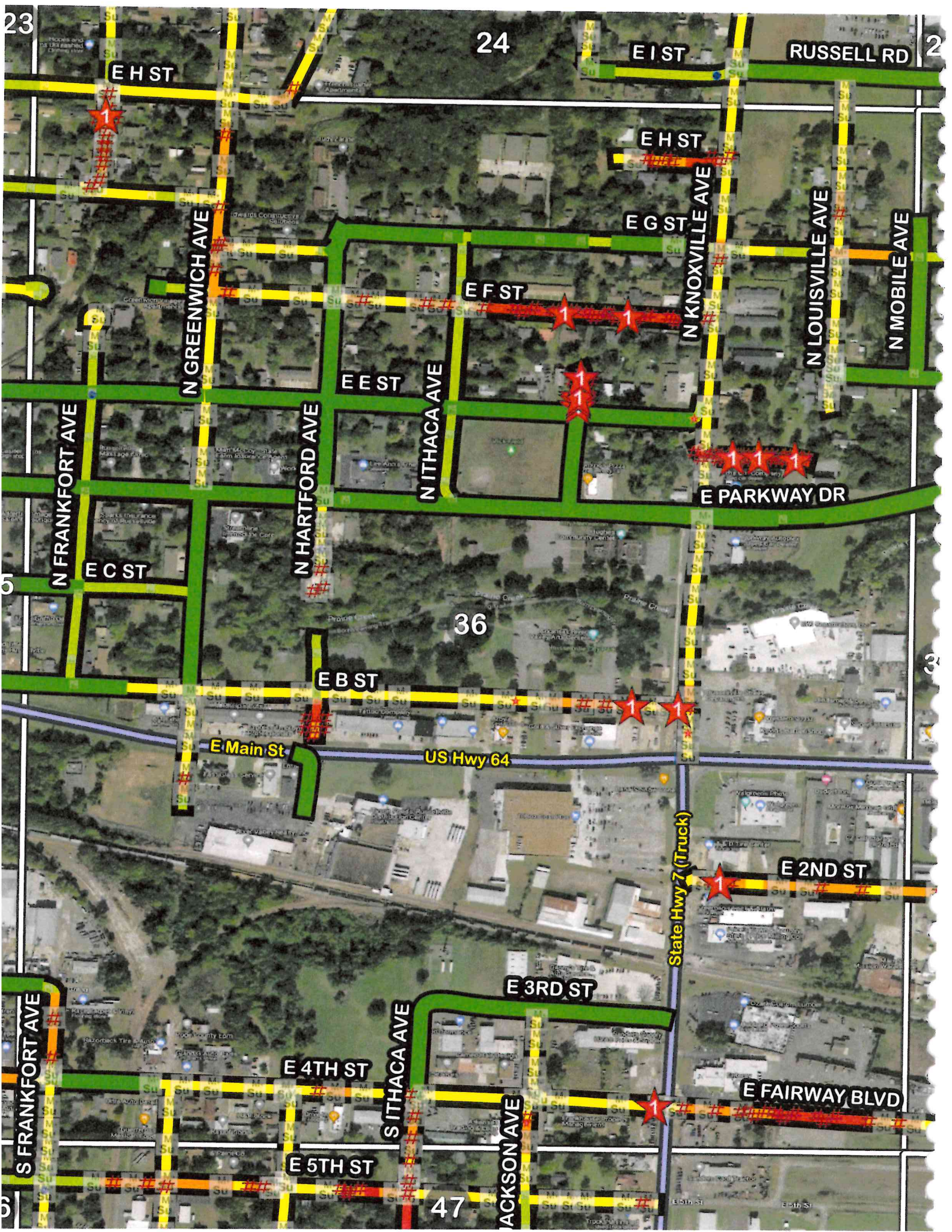
S ERIE AVE

S FRANKFORT AVE

22

5

46



23

24

2

EH ST

E I ST

RUSSELL RD

EH ST

EG ST

EF ST

N KNOXVILLE AVE

N LOUISVILLE AVE

N MOBILE AVE

N GREENWICH AVE

EEST

N ITHACA AVE

N FRANKFORT AVE

N HARTFORD AVE

EC ST

36

EB ST

E Main St

US Hwy 64

State Hwy 7 (Truck)

E 2ND ST

E 3RD ST

S FRANKFORT AVE

E 4TH ST

S ITHACA AVE

ACKSON AVE

E 5TH ST

E FAIRWAY BLVD

47

24

25

RUSSELL RD

EH ST

EG ST

EF ST

N MOBILE AVE

E PARKWAY DR

N SYDNEY AVE

37

US Hwy 64

E Main St

S UTICA AVE

S VERONA AVE

S SIDNEY AVE

E 2ND ST

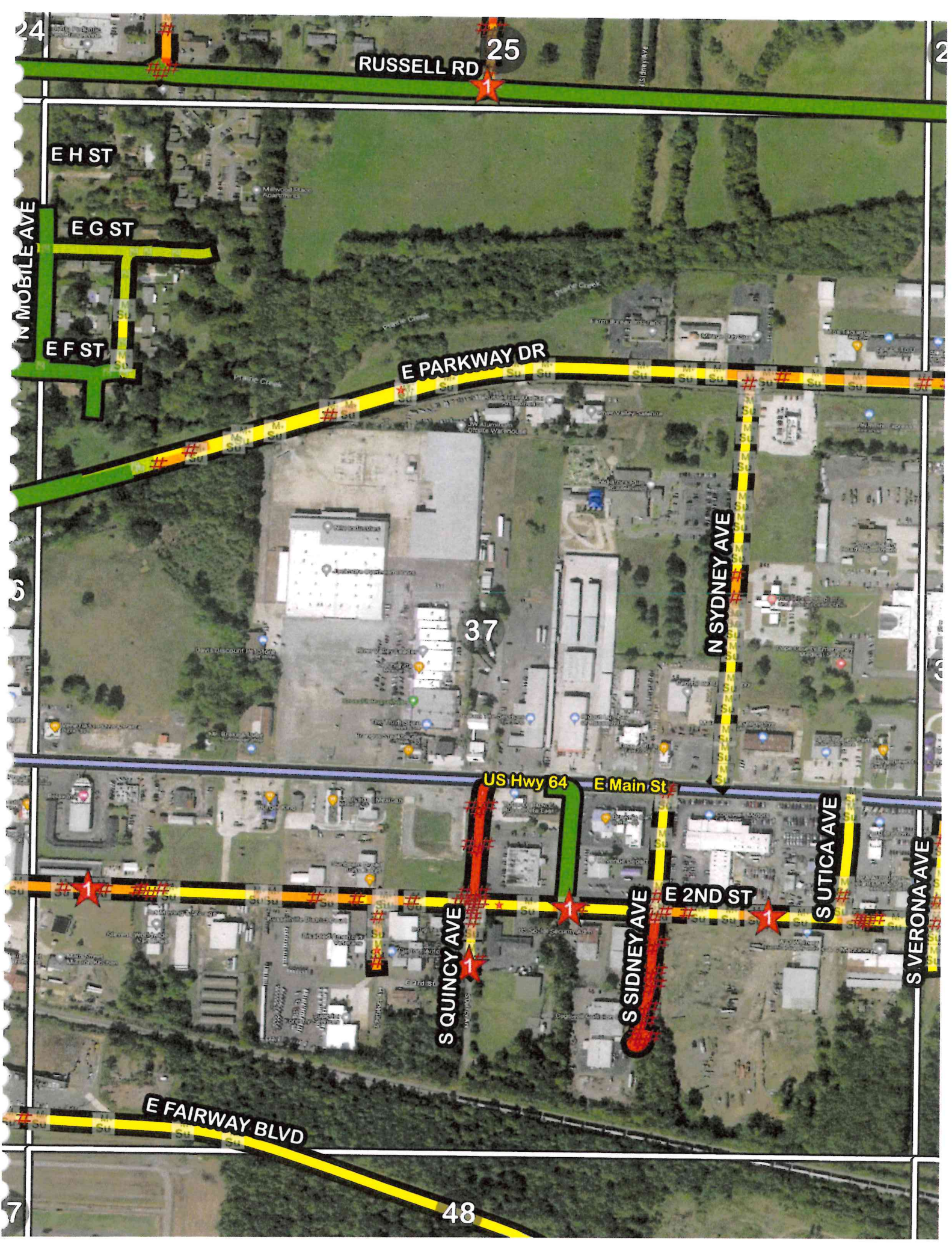
S QUINCY AVE

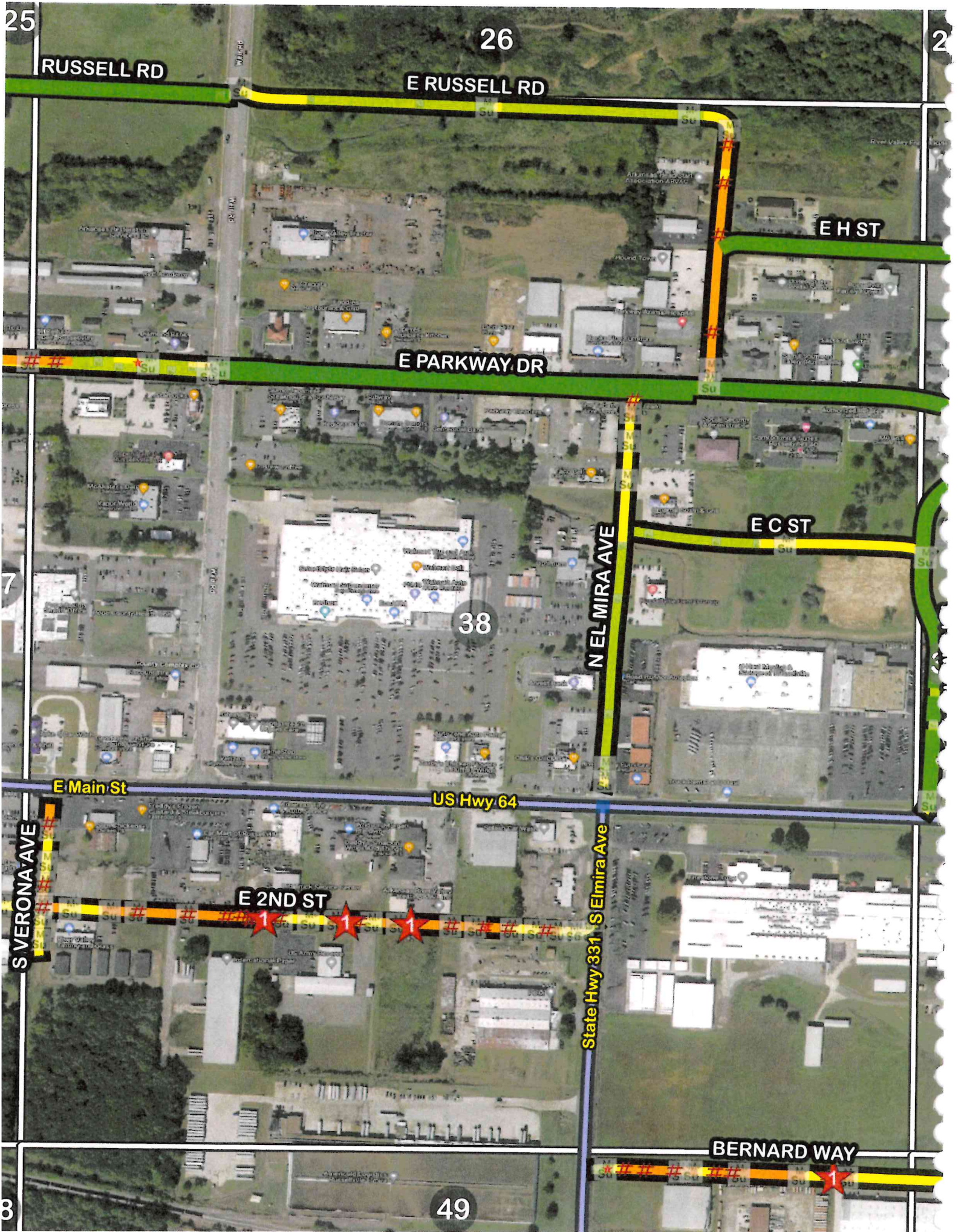
E FAIRWAY BLVD

48

3

7





RUSSELL RD

E RUSSELL RD

E H ST

E PARKWAY DR

E C ST

N EL MIRA AVE

E Main St

US Hwy 64

E 2ND ST

S VERONA AVE

State Hwy 331 S Elmira Ave

BERNARD WAY

26

38

49

25

2

7

8

26

27

HOB NOB RD RD

BRADLEY COVE RD RD

EH ST

I-40
I-40

E PARKWAY DR

N HAMPTON AVE

39

EC ST

State Hwy 331

N SHAMROCK BLVD

US Hwy 64

E Main St

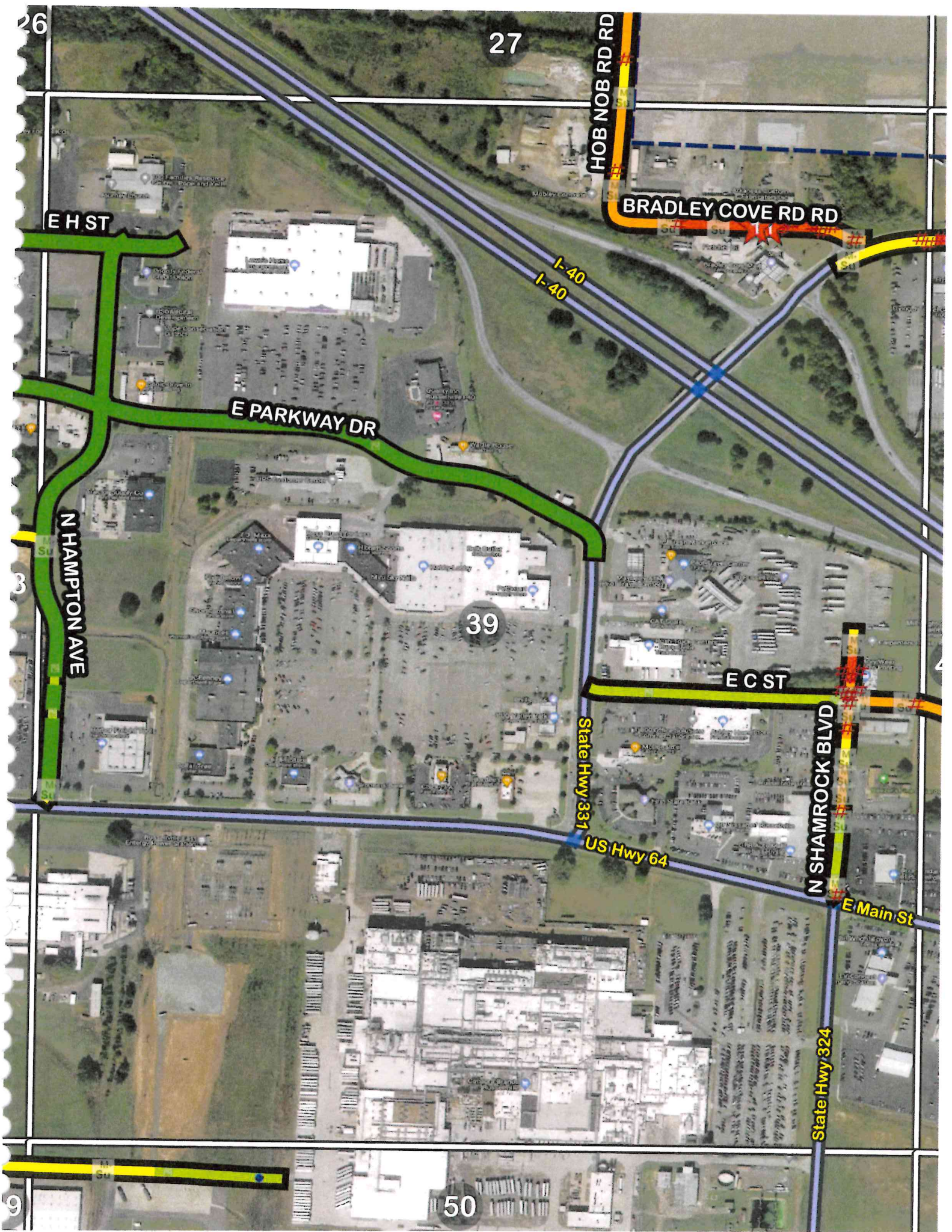
State Hwy 324

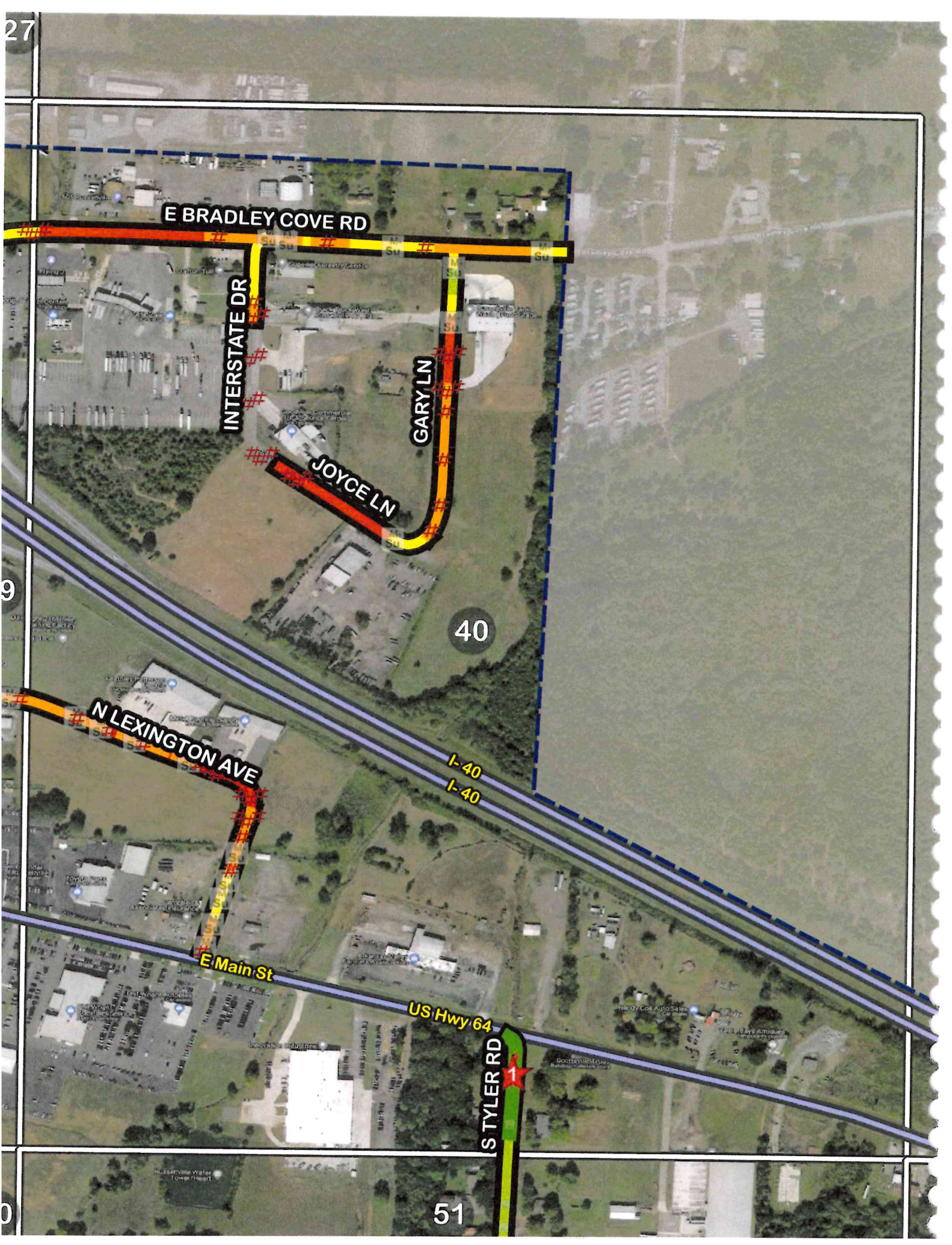
3

4

9

50





E BRADLEY COVE RD

INTERSTATE DR

GARY LN

JOYCE LN

N LEXINGTON AVE

E Main St

US Hwy 64

S TYLER RD

40

51



I-40
I-40

29

30

31

TURRENTINE WAY

WINDAMERE

W NORRISTOWN CIR

GRACE DR

LANDS END NORTH

42

41

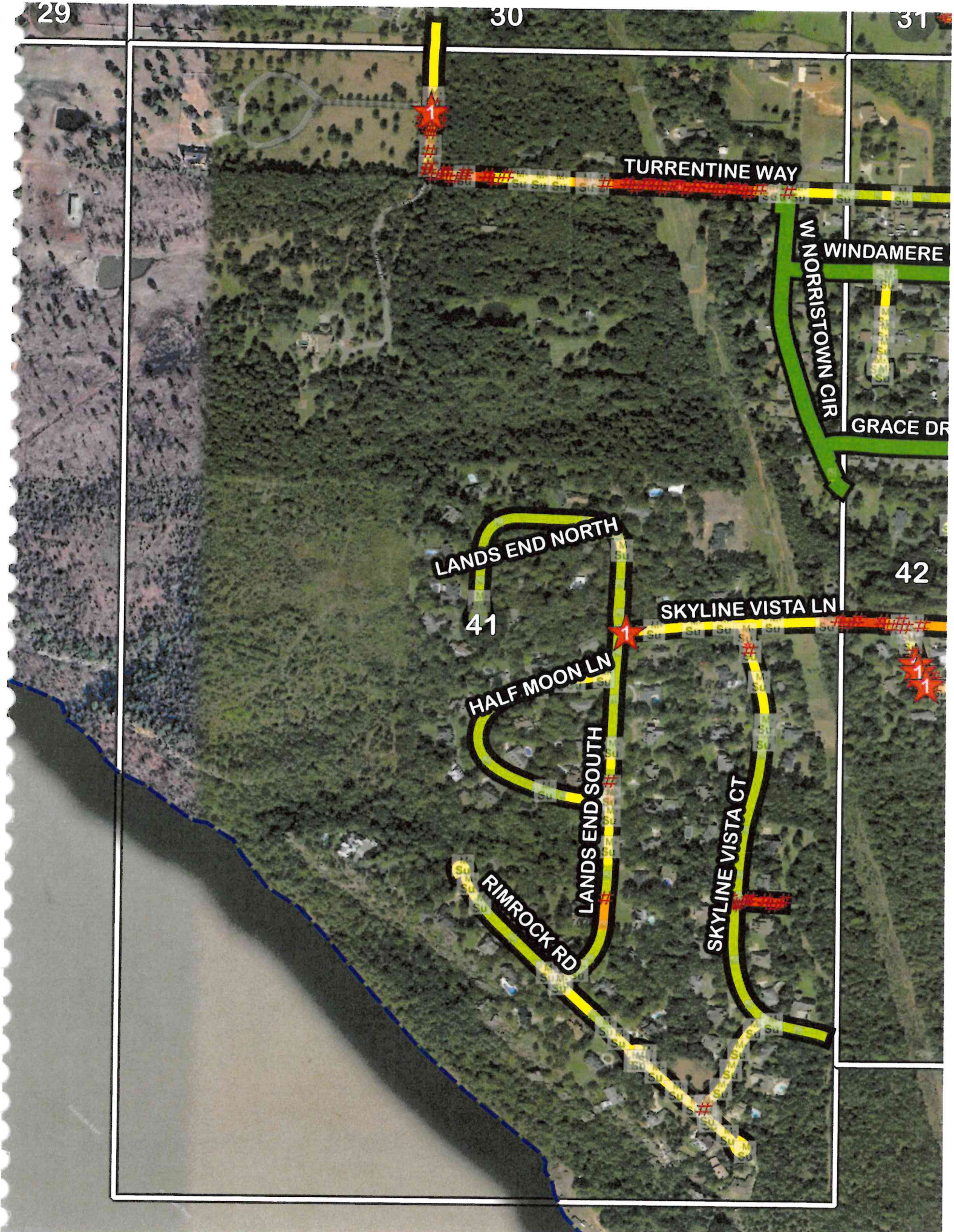
SKYLINE VISTA LN

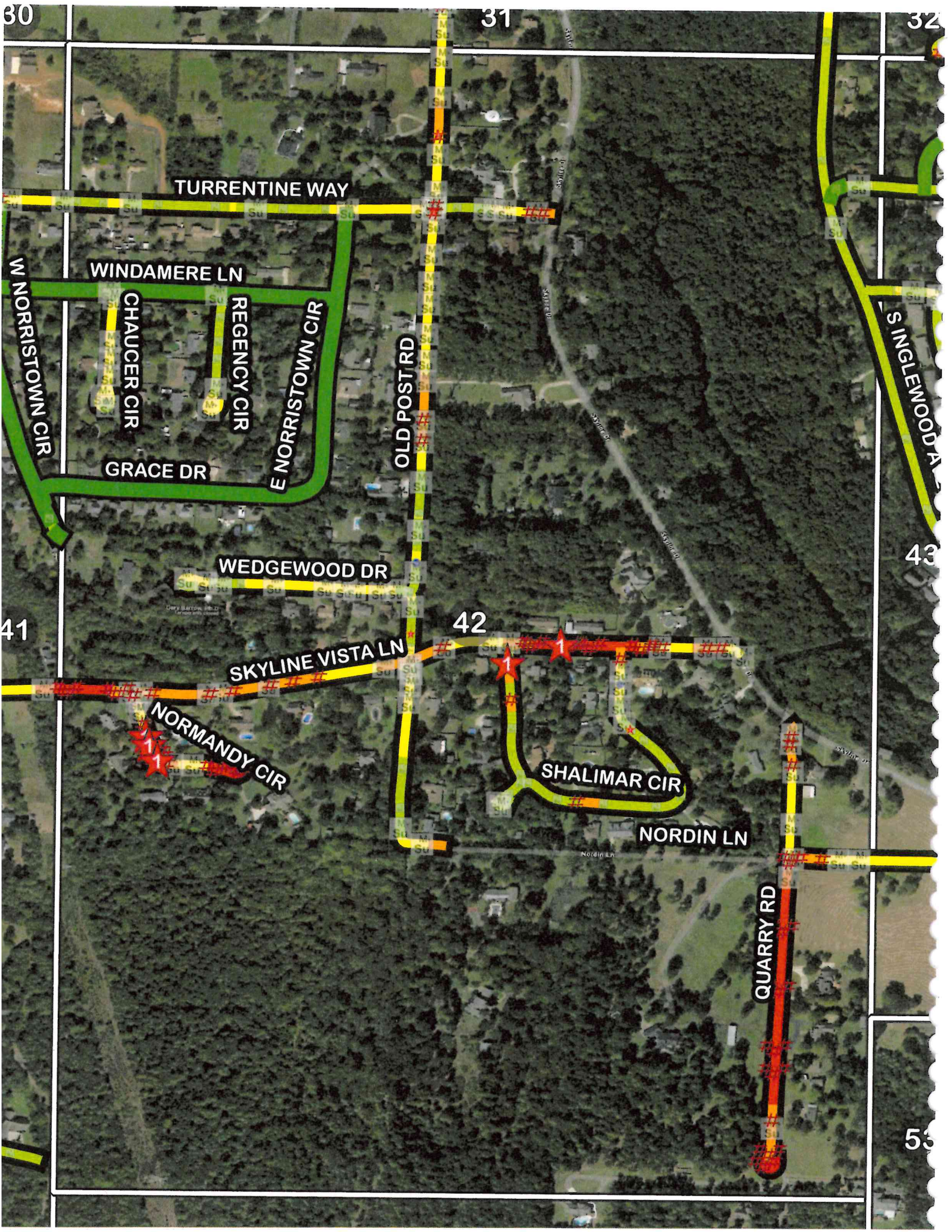
HALF MOON LN

LANDS END SOUTH

SKYLINE VISTA CT

RIMROCK RD





TURRENTINE WAY

WINDAMERE LN

CHAUCER CIR

REGENCY CIR

GRACE DR

E NORRISTOWN CIR

W NORRISTOWN CIR

OLD POST RD

SINGLEWOOD AVE

WEDGEWOOD DR

SKYLINE VISTA LN

NORMANDY CIR

SHALIMAR CIR

NORDIN LN

QUARRY RD

30

31

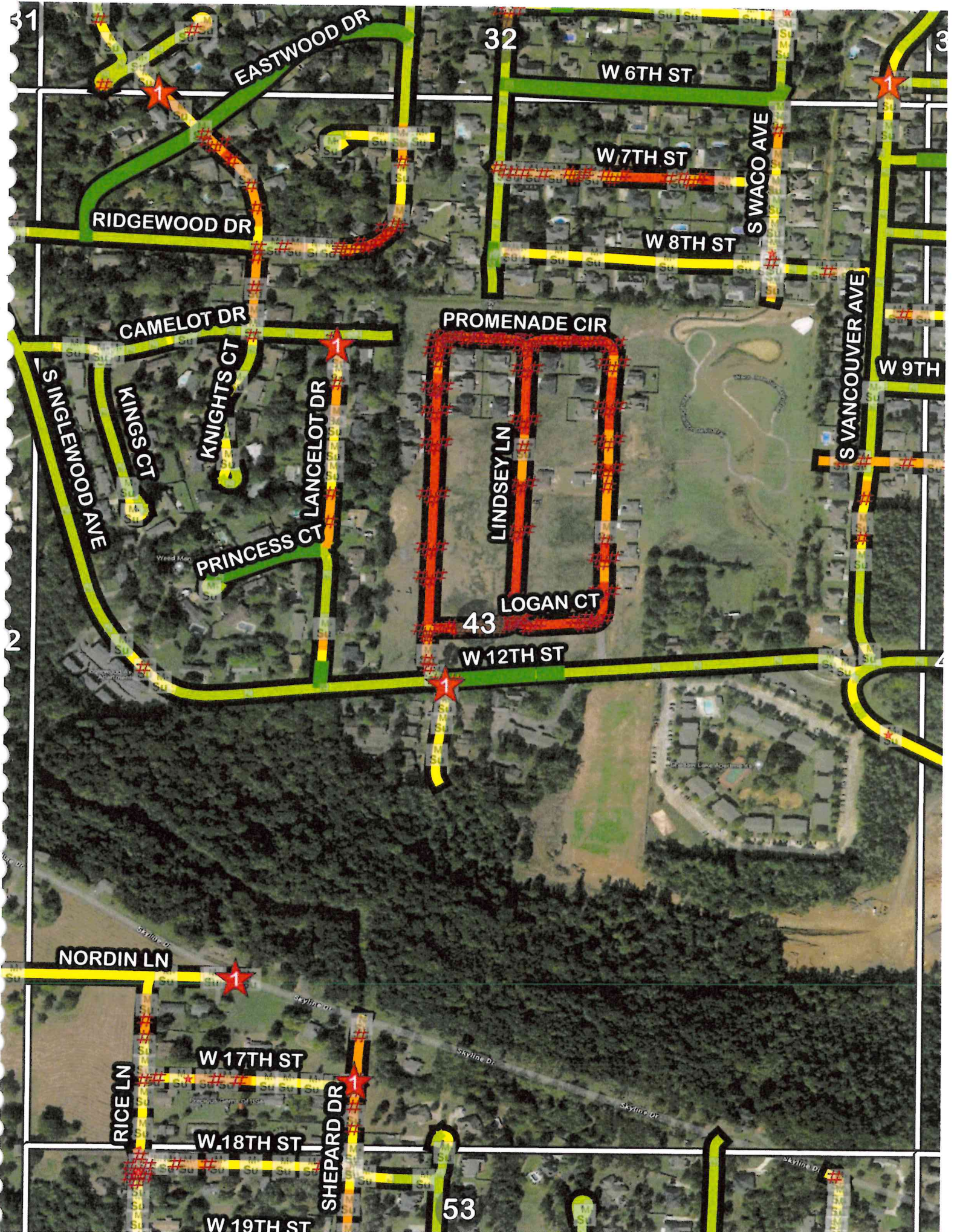
32

41

42

43

53



31

32

33

2

43

4

3

53

EASTWOOD DR

W 6TH ST

W 7TH ST

W 8TH ST

S WACO AVE

RIDGEWOOD DR

CAMELOT DR

PROMENADE CIR

W 9TH

S VANCOUVER AVE

SINGLEWOOD AVE

KINGS CT

KNIGHTS CT

LINDSEY LN

PRINCESS CT

LOGAN CT

W 12TH ST

NORDIN LN

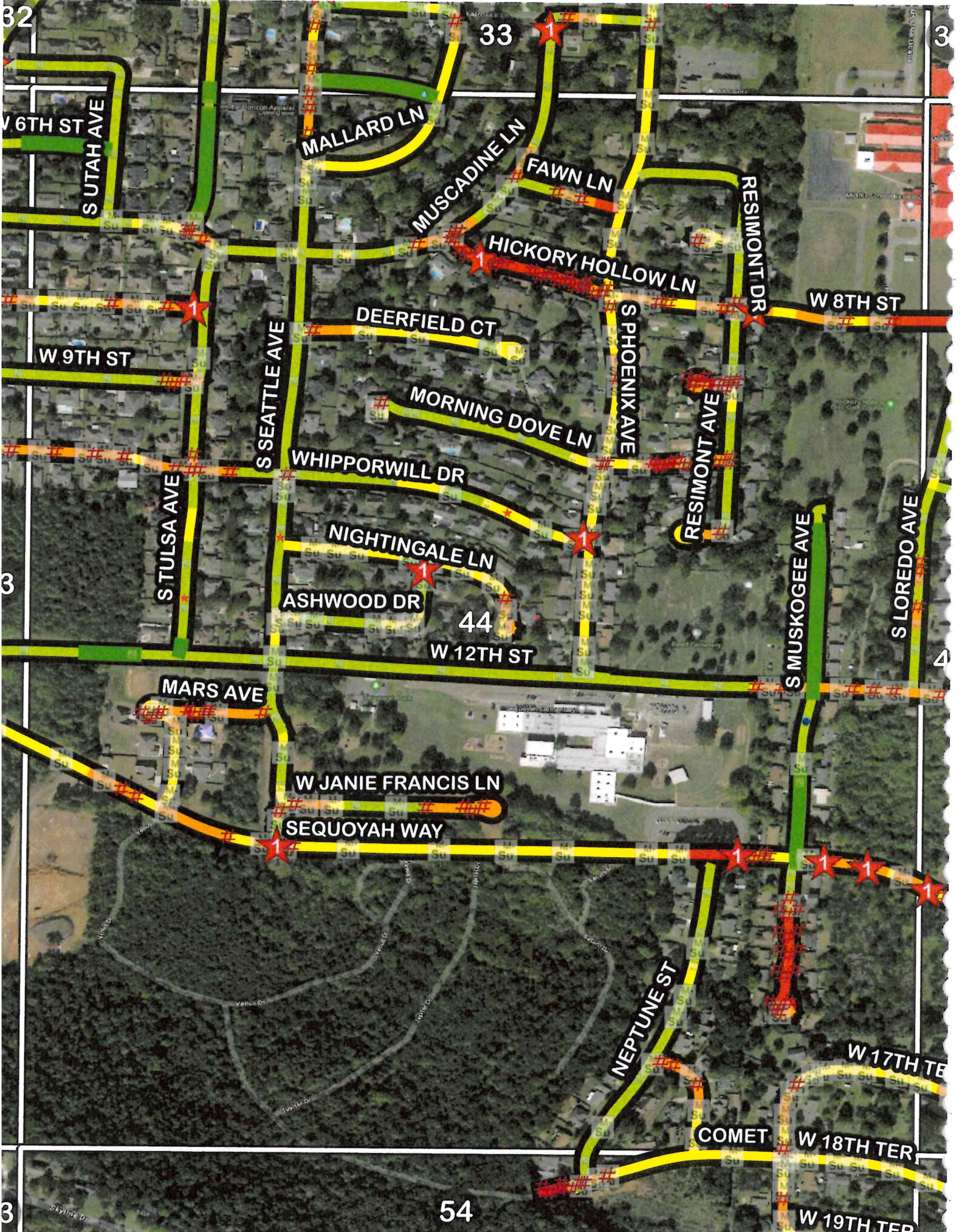
W 17TH ST

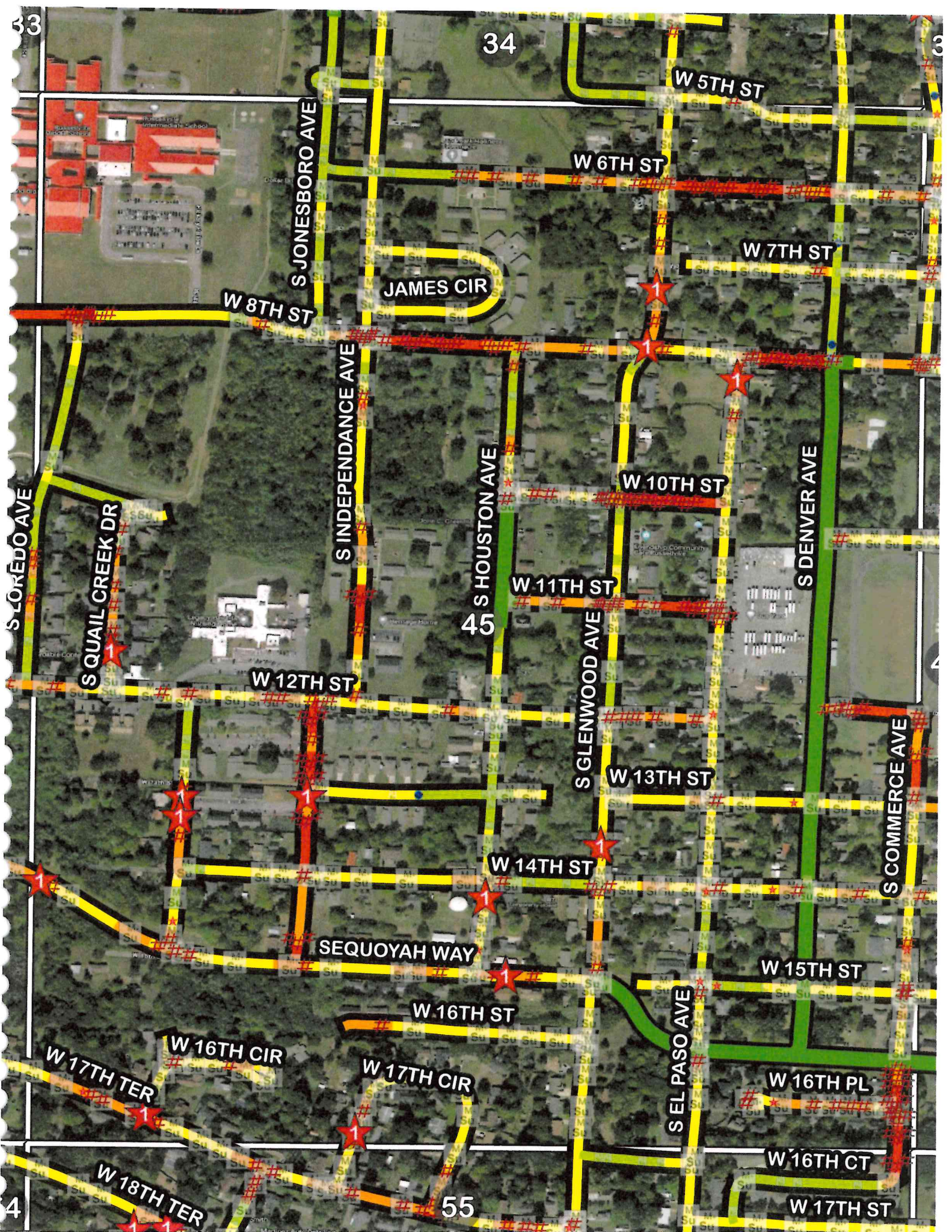
W 18TH ST

W 19TH ST

RICE LN

SHEPARD DR





33

34

W 5TH ST

W 6TH ST

W 7TH ST

W 8TH ST

S JONESBORO AVE

JAMES CIR

S INDEPENDANCE AVE

W 10TH ST

S DENVER AVE

S LORÉDO AVE

S QUAIL CREEK DR

S HOUSTON AVE

W 11TH ST

W 12TH ST

S GLENWOOD AVE

W 13TH ST

S COMMERCE AVE

W 14TH ST

SEQUOYAH WAY

W 15TH ST

W 16TH ST

S EL PASO AVE

W 16TH CIR

W 16TH PL

W 17TH TER

W 17TH CIR

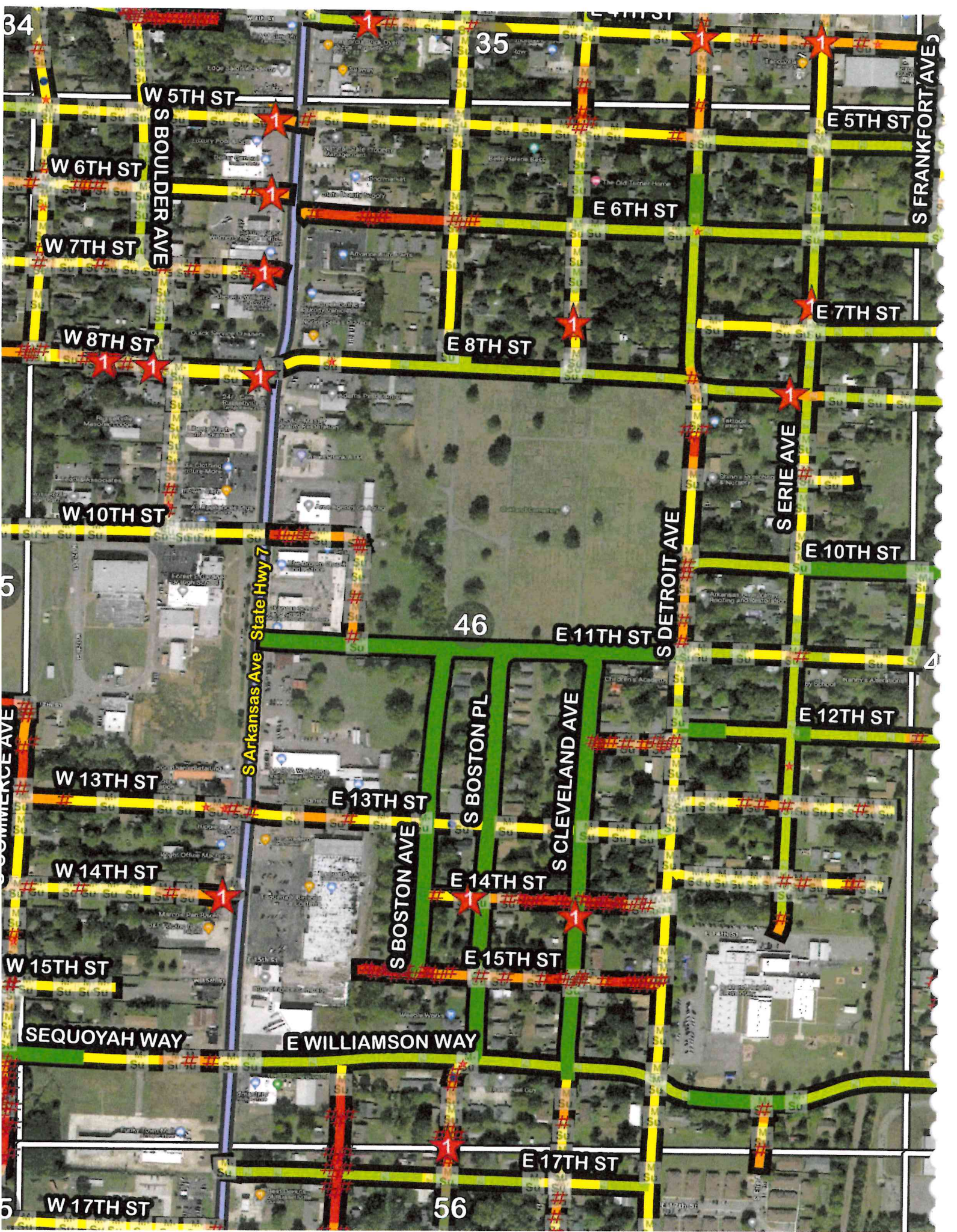
W 16TH CT

W 18TH TER

W 17TH ST

4

55



34

35

46

56

W 5TH ST

E 5TH ST

W 6TH ST

E 6TH ST

W 7TH ST

E 7TH ST

W 8TH ST

E 8TH ST

W 10TH ST

E 10TH ST

W 13TH ST

E 11TH ST

E 12TH ST

W 14TH ST

E 13TH ST

E 14TH ST

W 15TH ST

E 15TH ST

SEQUOYAH WAY

E WILLIAMSON WAY

E 17TH ST

W 17TH ST

S BOULDER AVE

S FRANKFORT AVE

S ARKANSAS AVE State Hwy 7

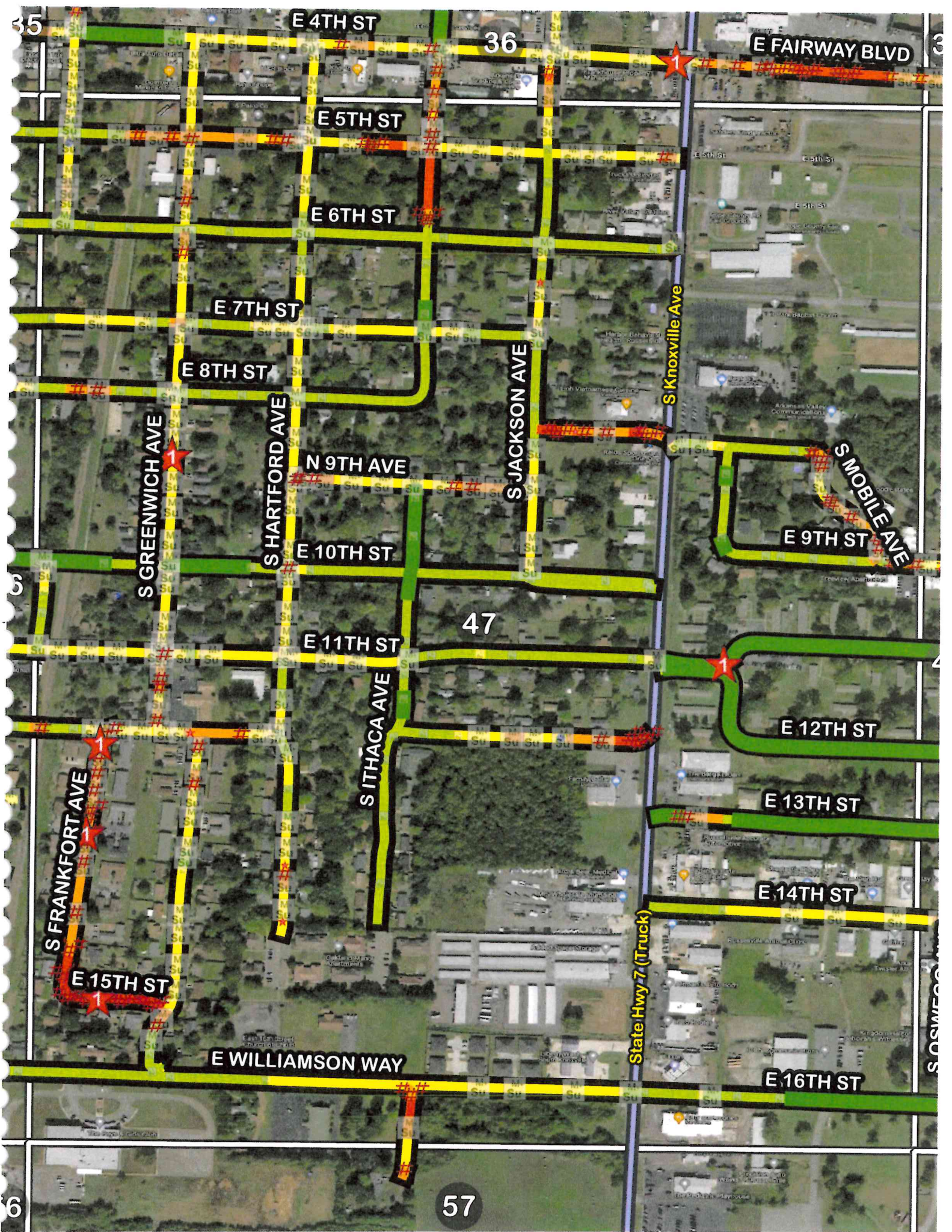
S BOSTON PL

S CLEVELAND AVE

S DETROIT AVE

S SERIE AVE

COMMERCE AVE



E 4TH ST

36

E FAIRWAY BLVD

E 5TH ST

E 6TH ST

E 7TH ST

E 8TH ST

N 9TH AVE

E 10TH ST

E 11TH ST

47

E 12TH ST

E 13TH ST

E 14TH ST

E 15TH ST

E WILLIAMSON WAY

E 16TH ST

S GREENWICH AVE

S HARTFORD AVE

S JACKSON AVE

S KNOXVILLE AVE

S MOBILE AVE

S ITHACA AVE

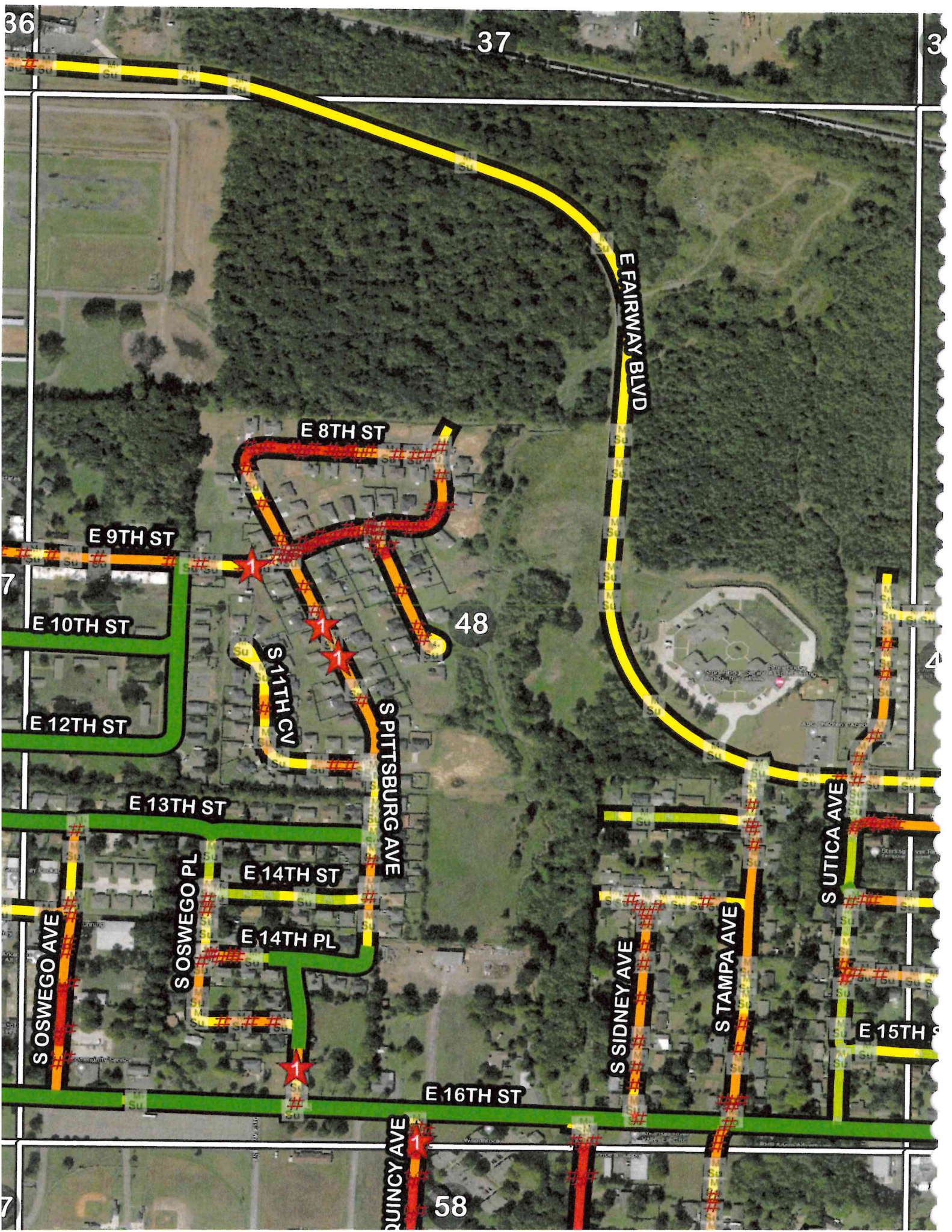
State Hwy 7 (Truck)

S FRANKFORT AVE

57

6

S OSWEGO



36

37

3

E FAIRWAY BLVD

E 8TH ST

E 9TH ST

E 10TH ST

E 12TH ST

E 13TH ST

E 14TH ST

E 14TH PL

E 16TH ST

S OSWEGO AVE

S OSWEGO PL

S PITTSBURG AVE

S 11TH CV

S SIDNEY AVE

S STAMPA AVE

S UTICA AVE

E 15TH ST

S QUINCY AVE

48

58

37

38

39

BERNARD WAY



S Elmira Av

3

S VERONA AVE

49

State Hwy 331

E FAIRWAY BLVD



E 12TH ST

E 13TH ST

E 14TH ST

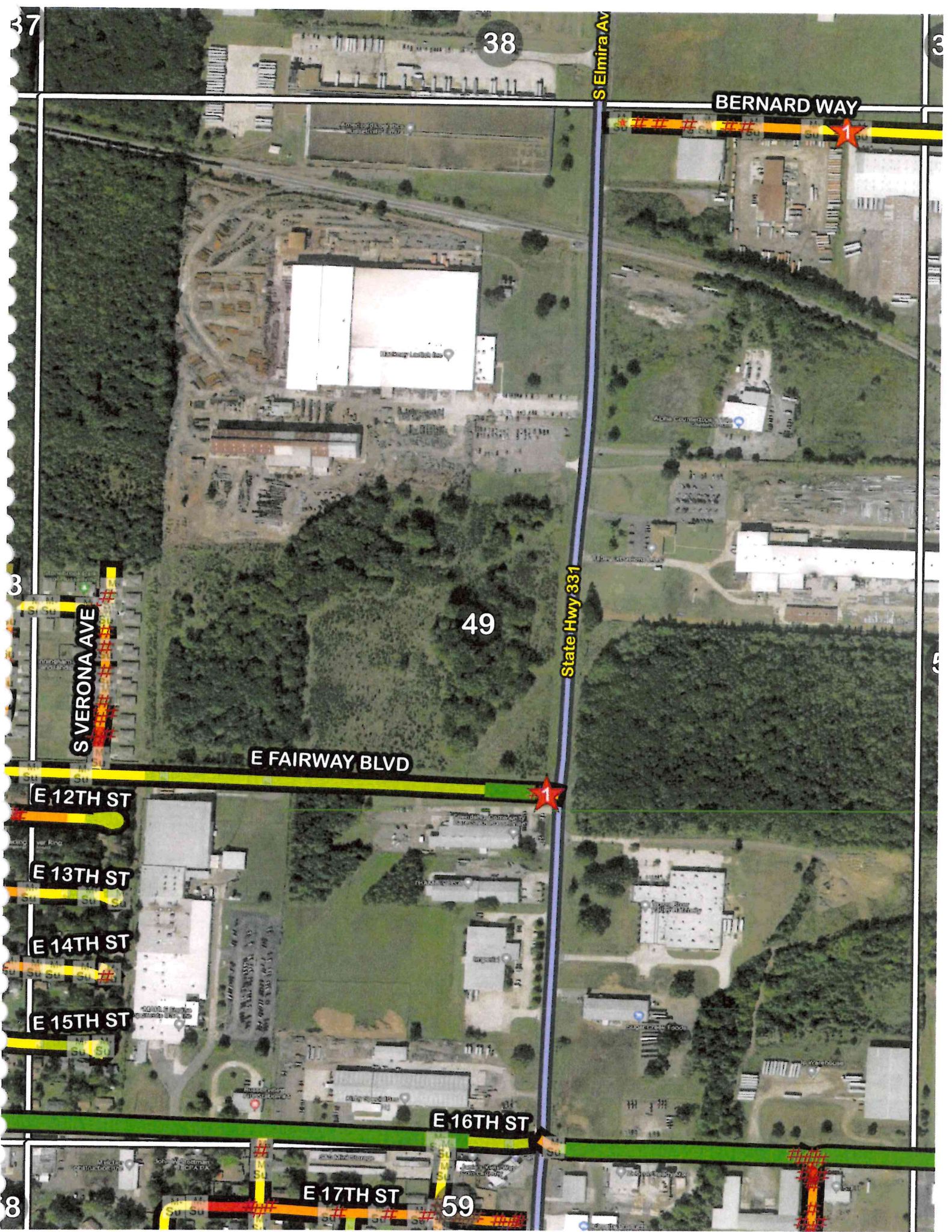
E 15TH ST

E 16TH ST

E 17TH ST

59

8



38

39

4

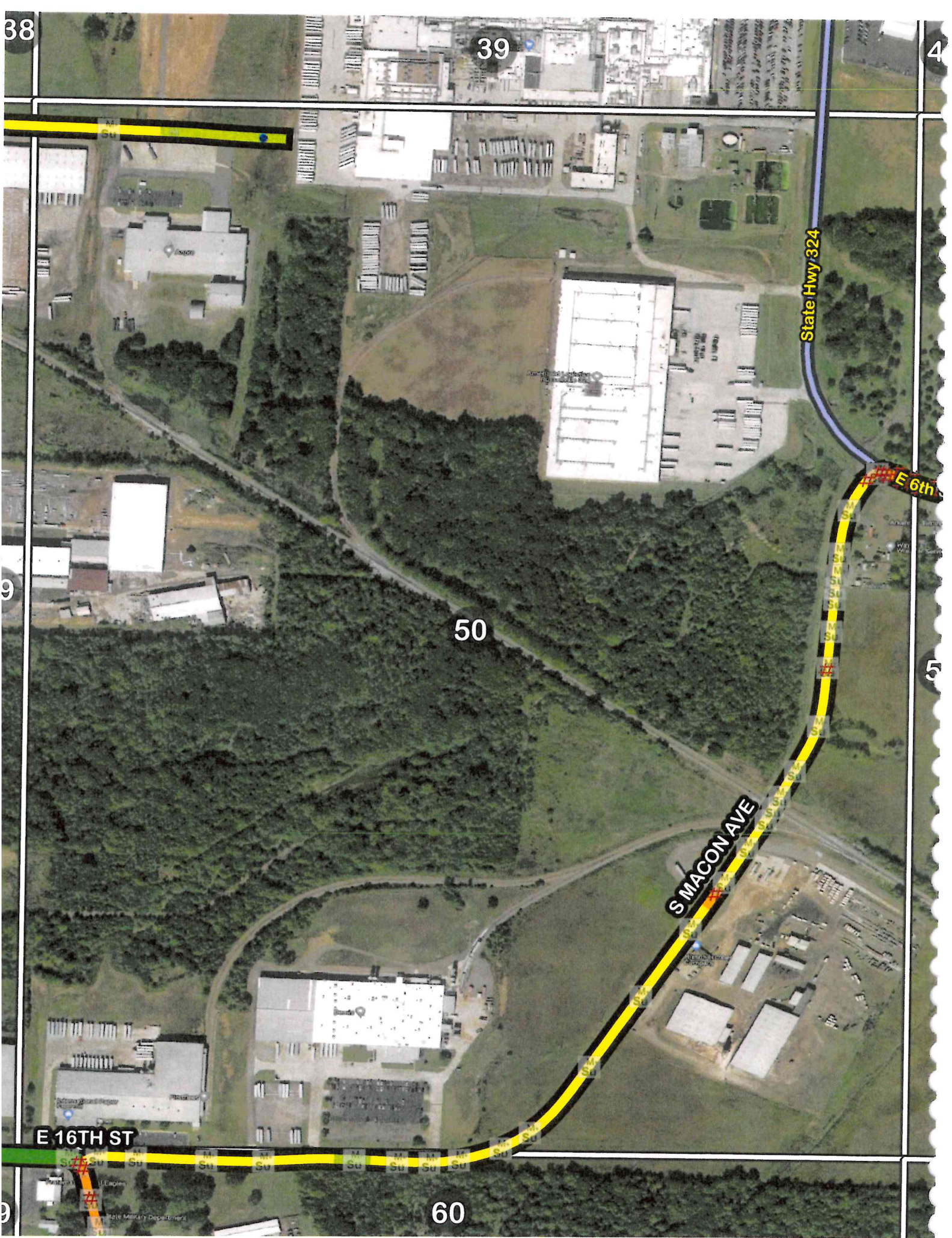
9

50

5

E 16TH ST

60



S MACON AVE

State Hwy 324

E 6th

39

40

US Hwy 64

BONNIE CIR

STYLER RD

E 4TH ST

STERRELL AVE

E 5TH ST

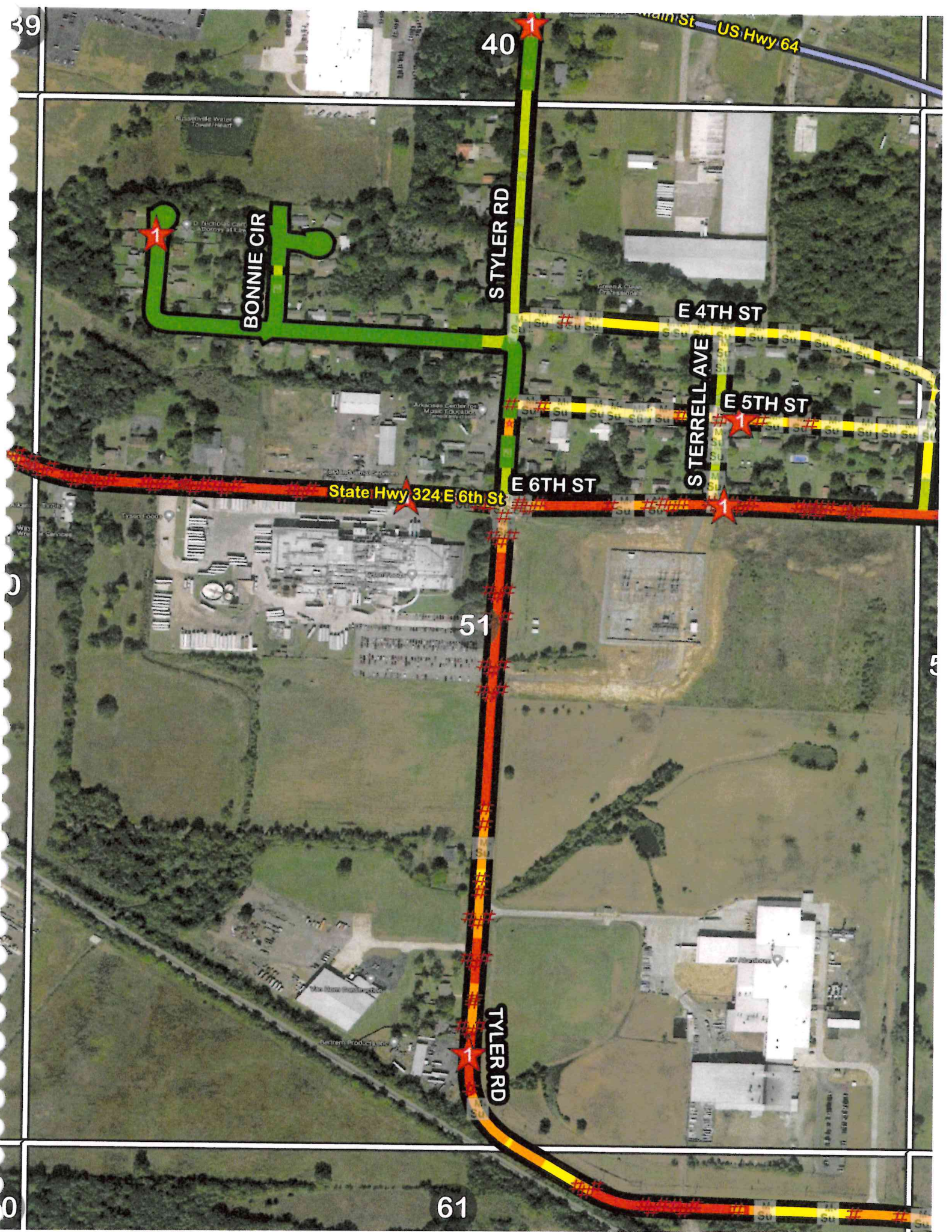
State Hwy 324 E 6th St

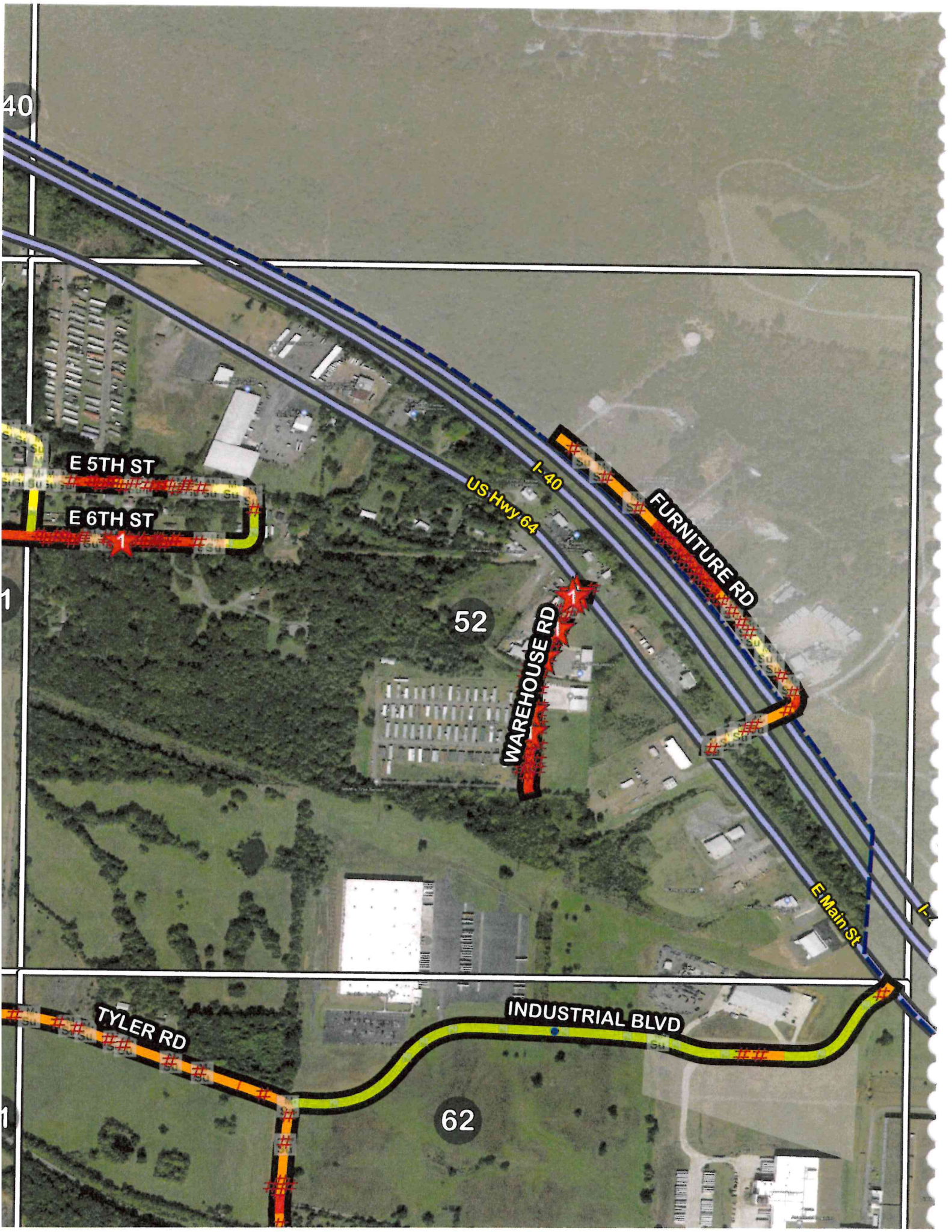
E 6TH ST

51

TYLER RD

61





40

E 5TH ST

E 6TH ST

52

US Hwy 64

I-40

FURNITURE RD

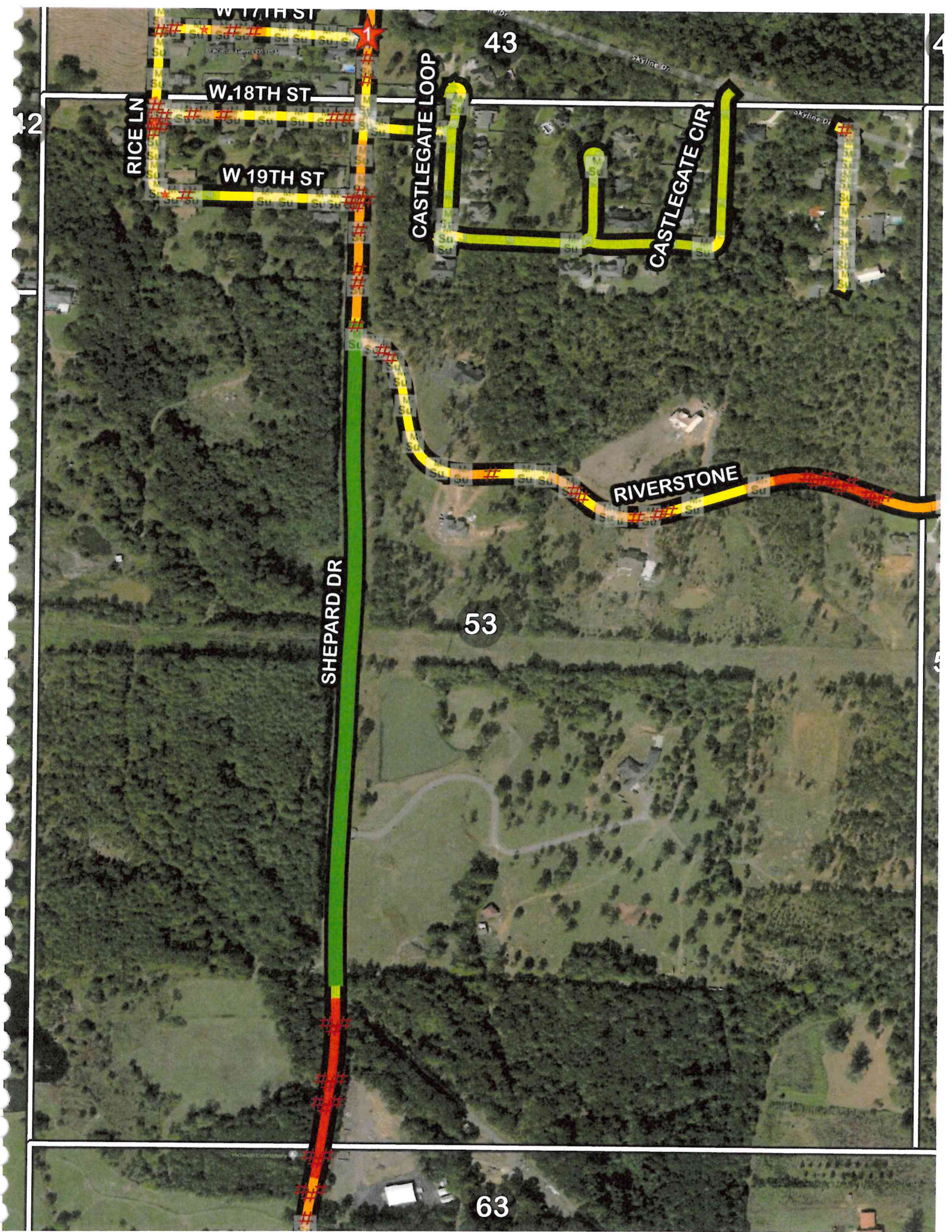
WAREHOUSE RD

E Main St

INDUSTRIAL BLVD

TYLER RD

62



W 17TH ST

43

W 18TH ST

12

W 19TH ST

RICE LN

CASTLEGATE LOOP

CASTLEGATE CIR

RIVERSTONE

SHEPARD DR

53

63

4

5

43

44

4

NEPTUNE S

COMET

W 18TH TER

W 19TH TER

WESTERN DR

RIVERSTONE

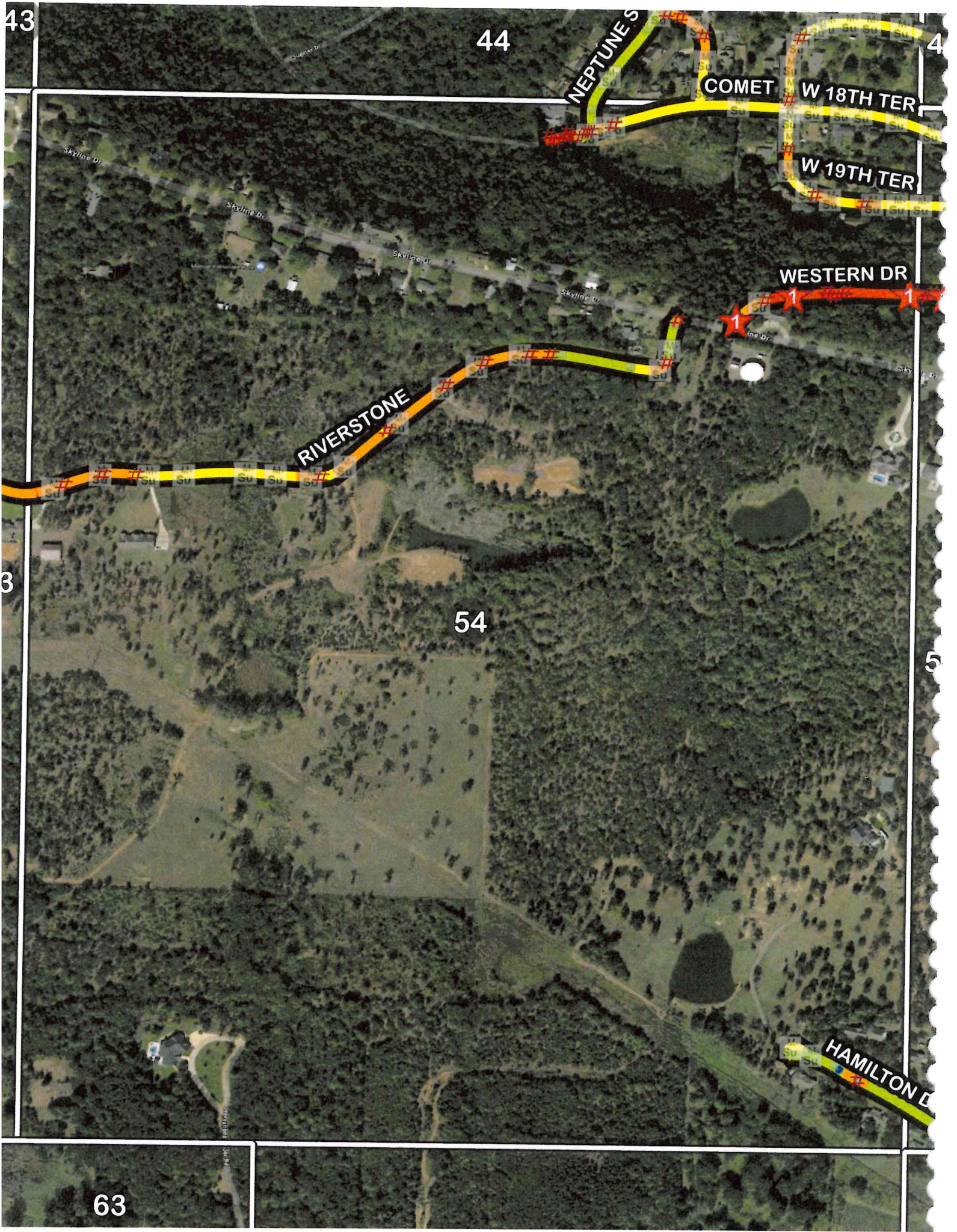
HAMILTON D

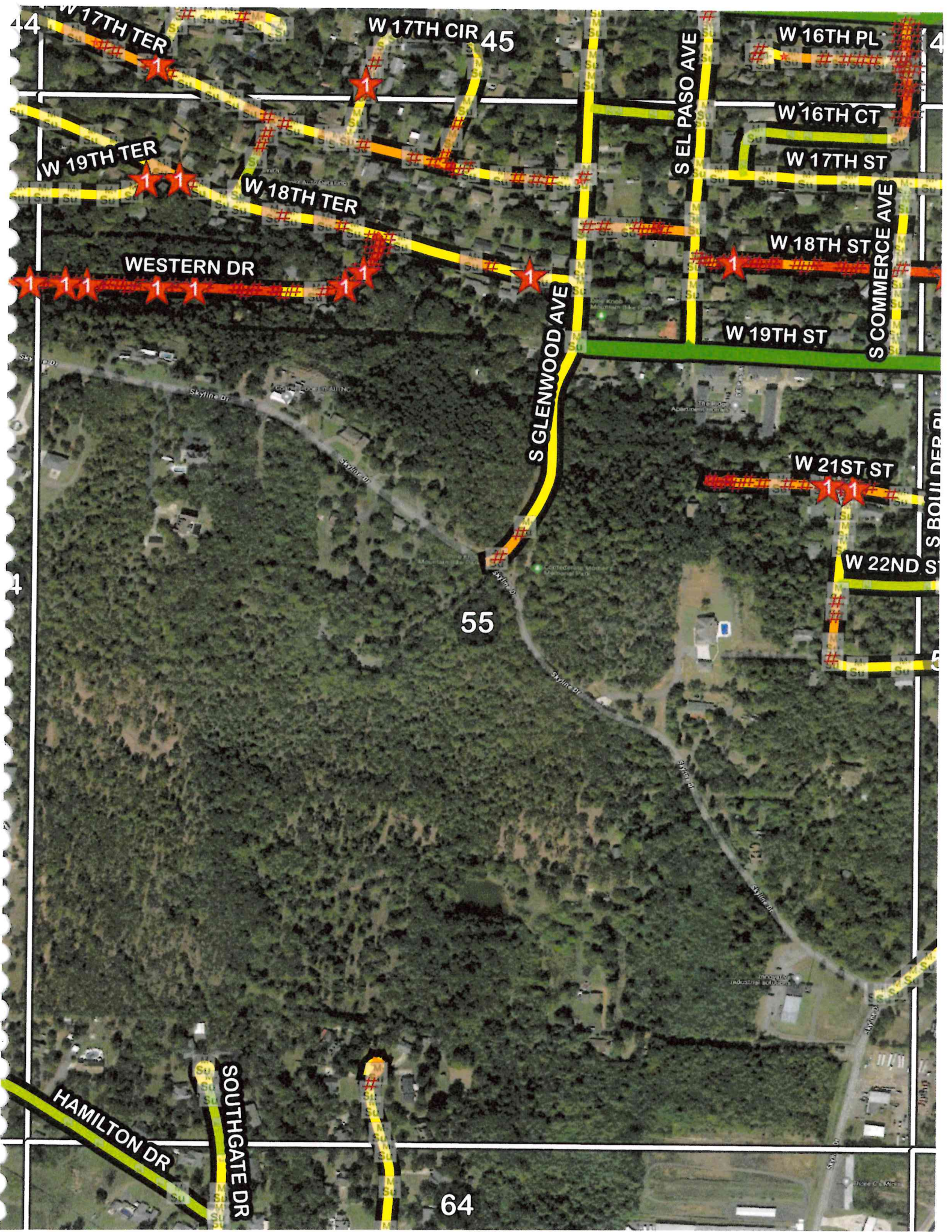
54

5

3

63



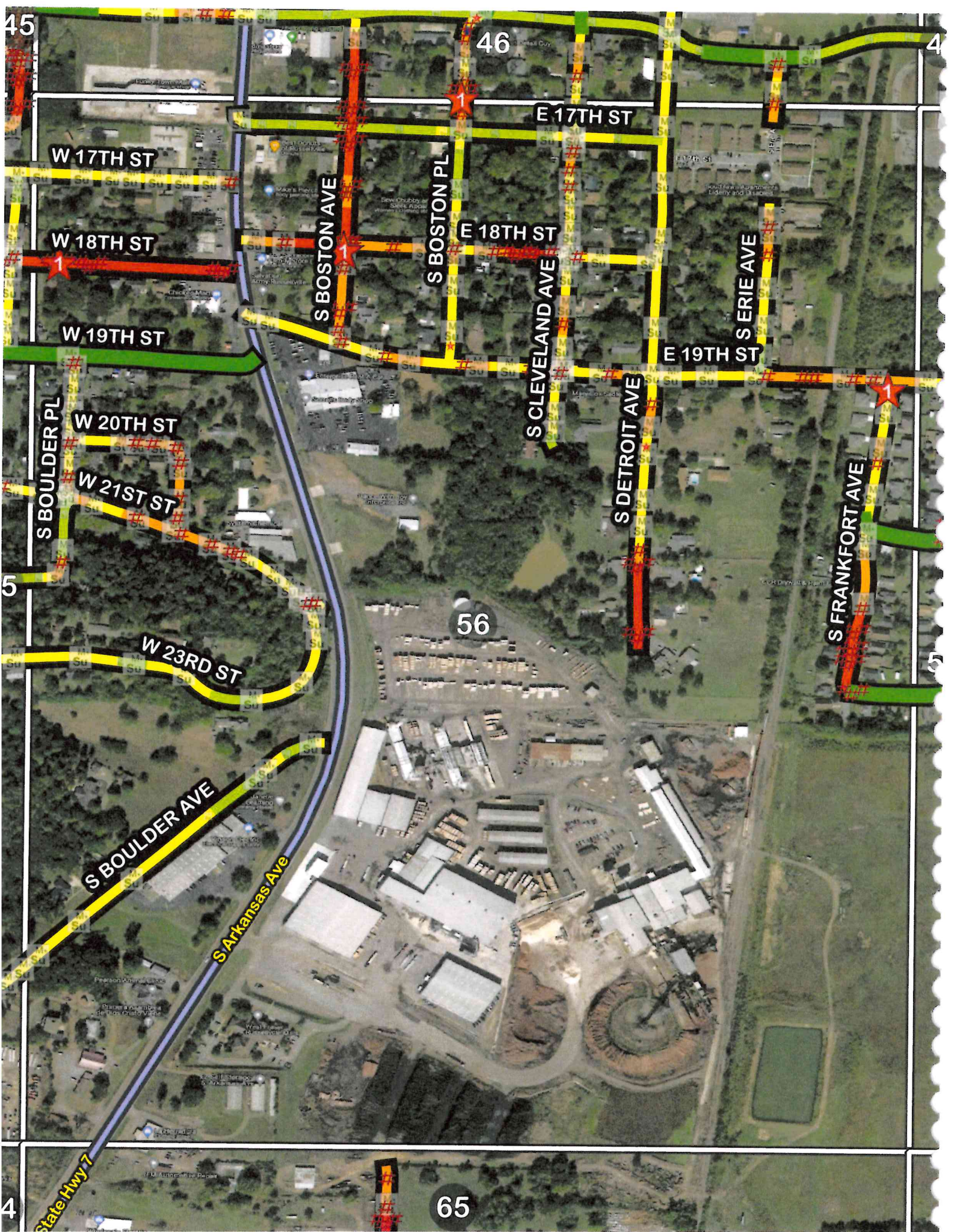


44

4

1

5



45

46

47

W 17TH ST

W 18TH ST

W 19TH ST

W 20TH ST

W 21ST ST

W 23RD ST

E 17TH ST

E 18TH ST

E 19TH ST

S BOSTON AVE

S BOSTON PL

S CLEVELAND AVE

S DETROIT AVE

S SERIE AVE

S FRANKFORT AVE

S BOULDER PL

S BOULDER AVE

S Arkansas Ave

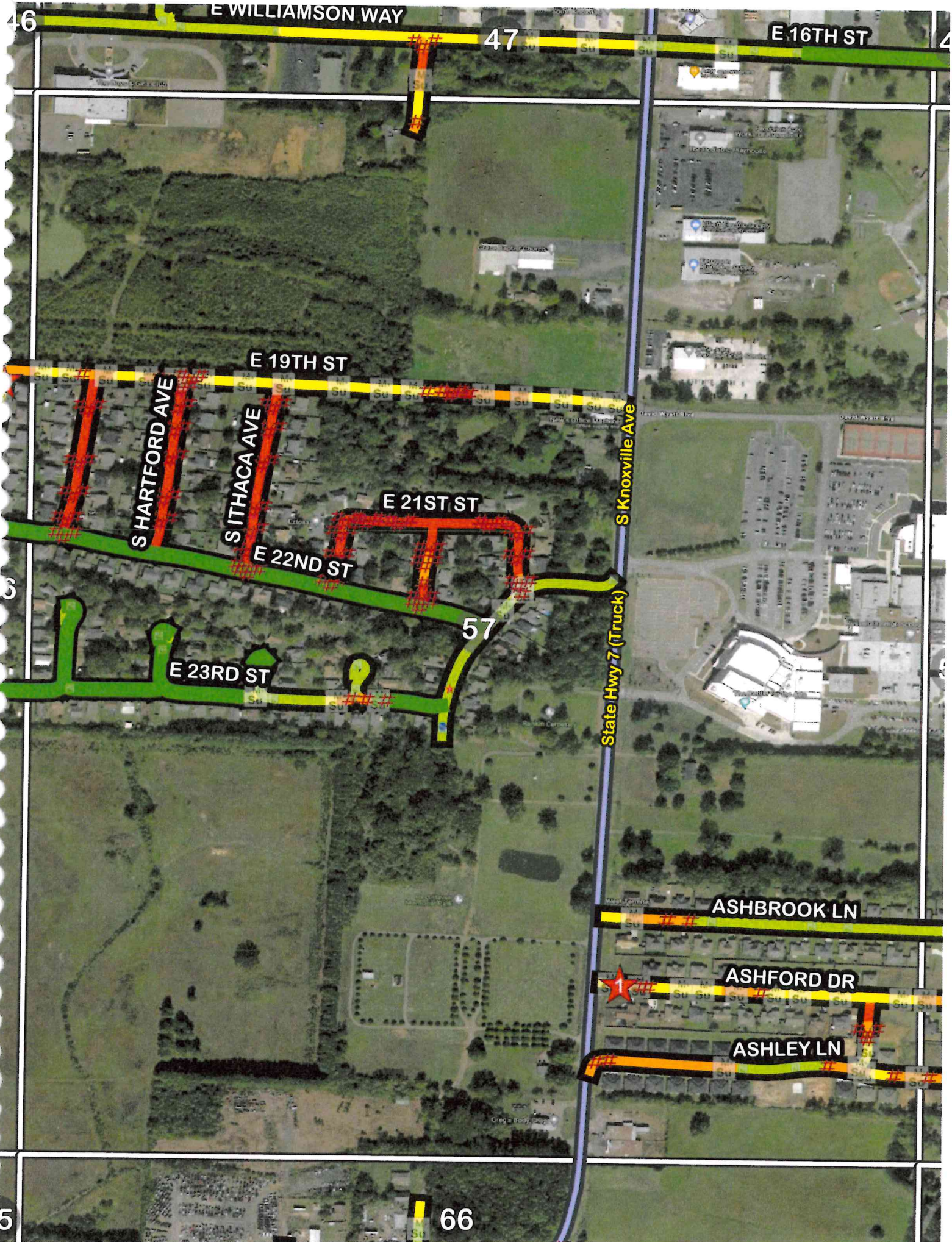
56

5

57

4

State Hwy 7



46

E WILLIAMSON WAY

47

E 16TH ST

E 19TH ST

S HARTFORD AVE

S ITHACA AVE

E 21ST ST

E 22ND ST

E 23RD ST

S Knoxville Ave

State Hwy 7 (Truck)

57

ASHBROOK LN

ASHFORD DR

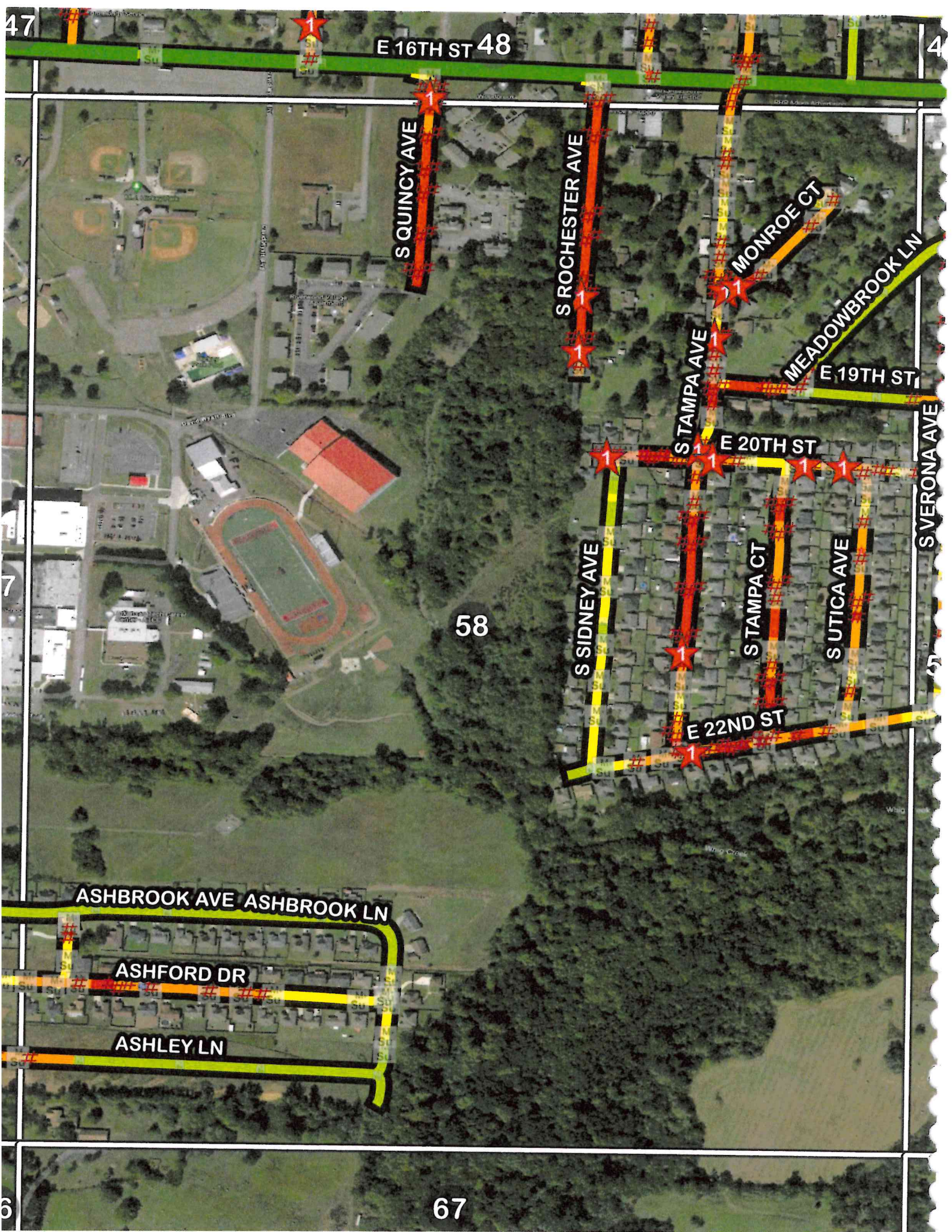
ASHLEY LN



66

3

5



47

E 16TH ST 48

4

S QUINCY AVE

S ROCHESTER AVE

MONROE CT

MEADOWBROOK LN

E 19TH ST

S TAMPA AVE

E 20TH ST

S VERONA AVE

58

S SIDNEY AVE

S TAMPA CT

S UTICA AVE

E 22ND ST

ASHBROOK AVE ASHBROOK LN

ASHFORD DR

ASHLEY LN

7

6

67

48

49

5

E 16TH ST

S Elmira Av

E 17TH ST

S VERONA AVE

S ATLANTA AVE

S BALTIMORE AVE

S COLUMBUS AVE

S DAYTON AVE

AIRWAYS LN

E 19TH ST

3

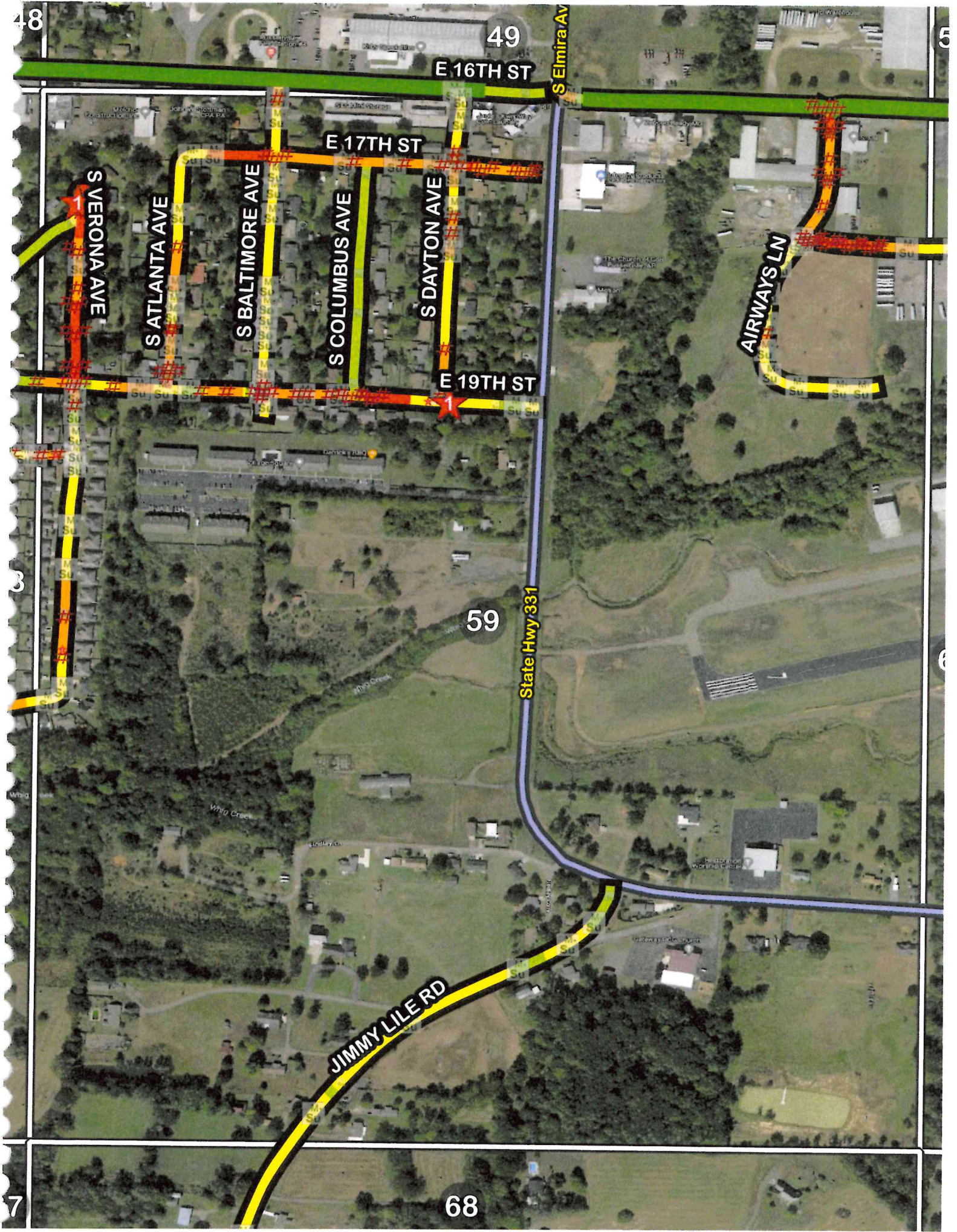
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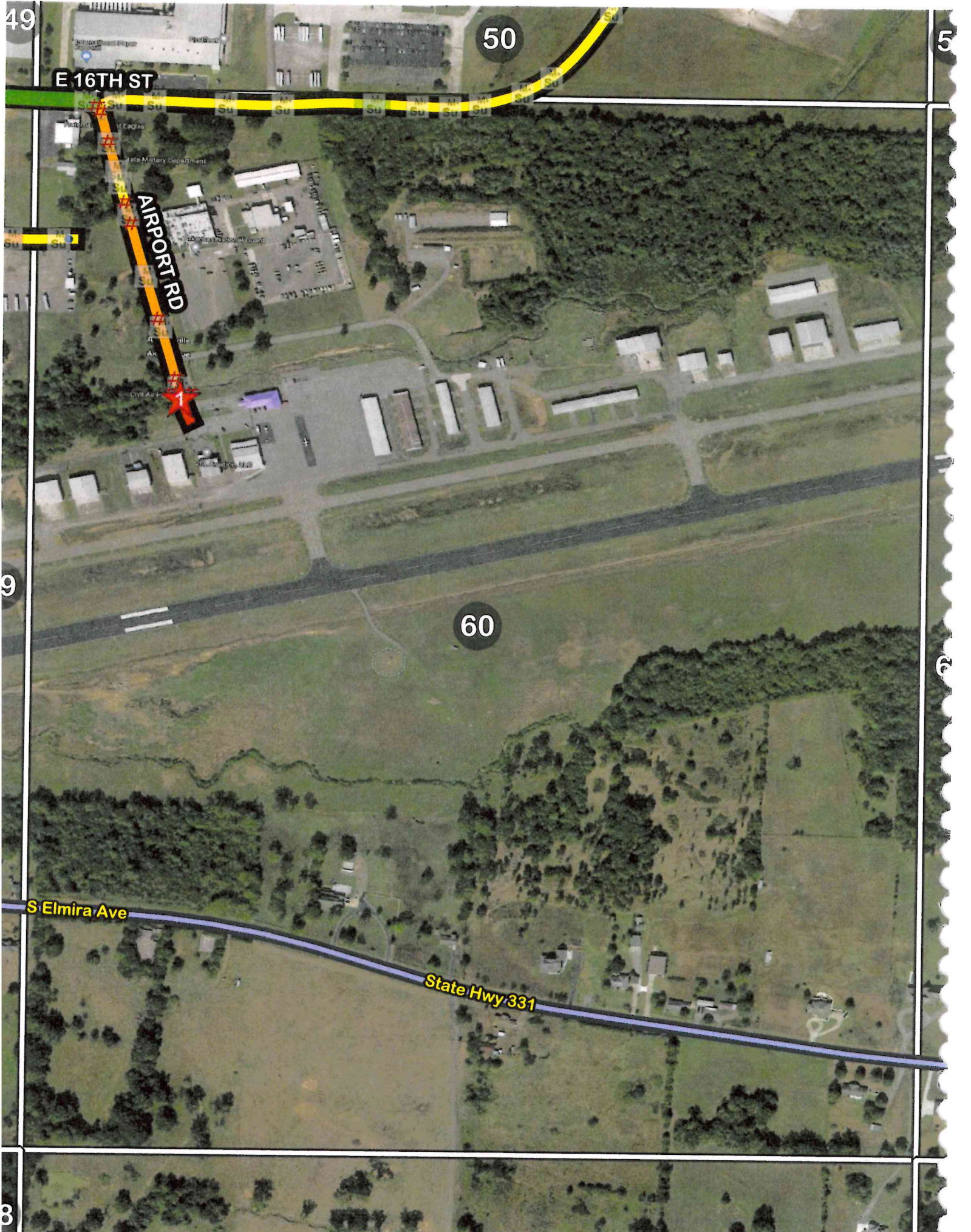
State Hwy 331

JIMMY LILE RD

7

68





49

50

5

E 16TH ST

AIRPORT RD

9

60

S Elmira Ave

State Hwy 331

8

50

51

TYLER RD

61

S Elmira Ave

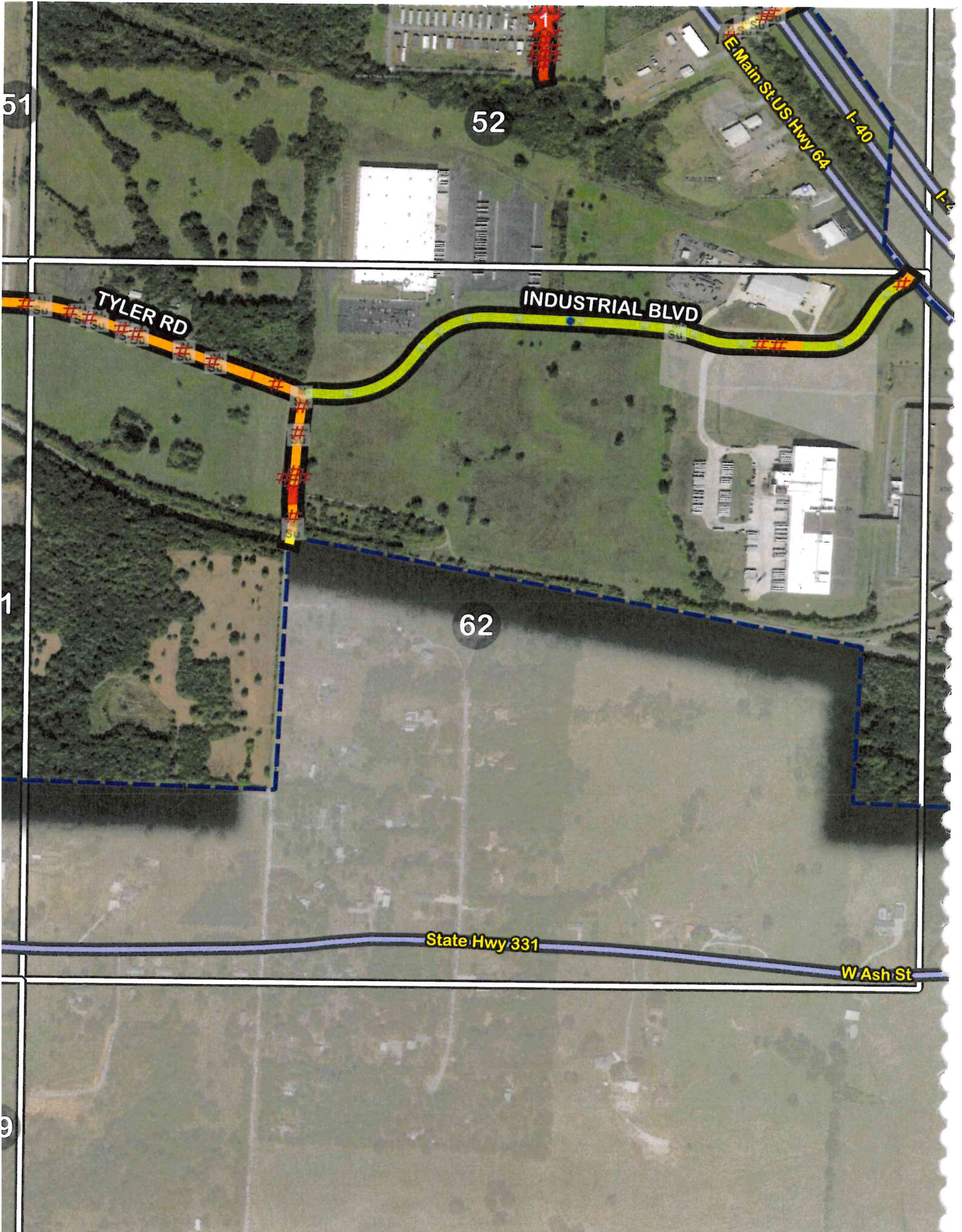
W Ash St

State Hwy 331

SWEEDEN RD

69





SHEPARD DR

53

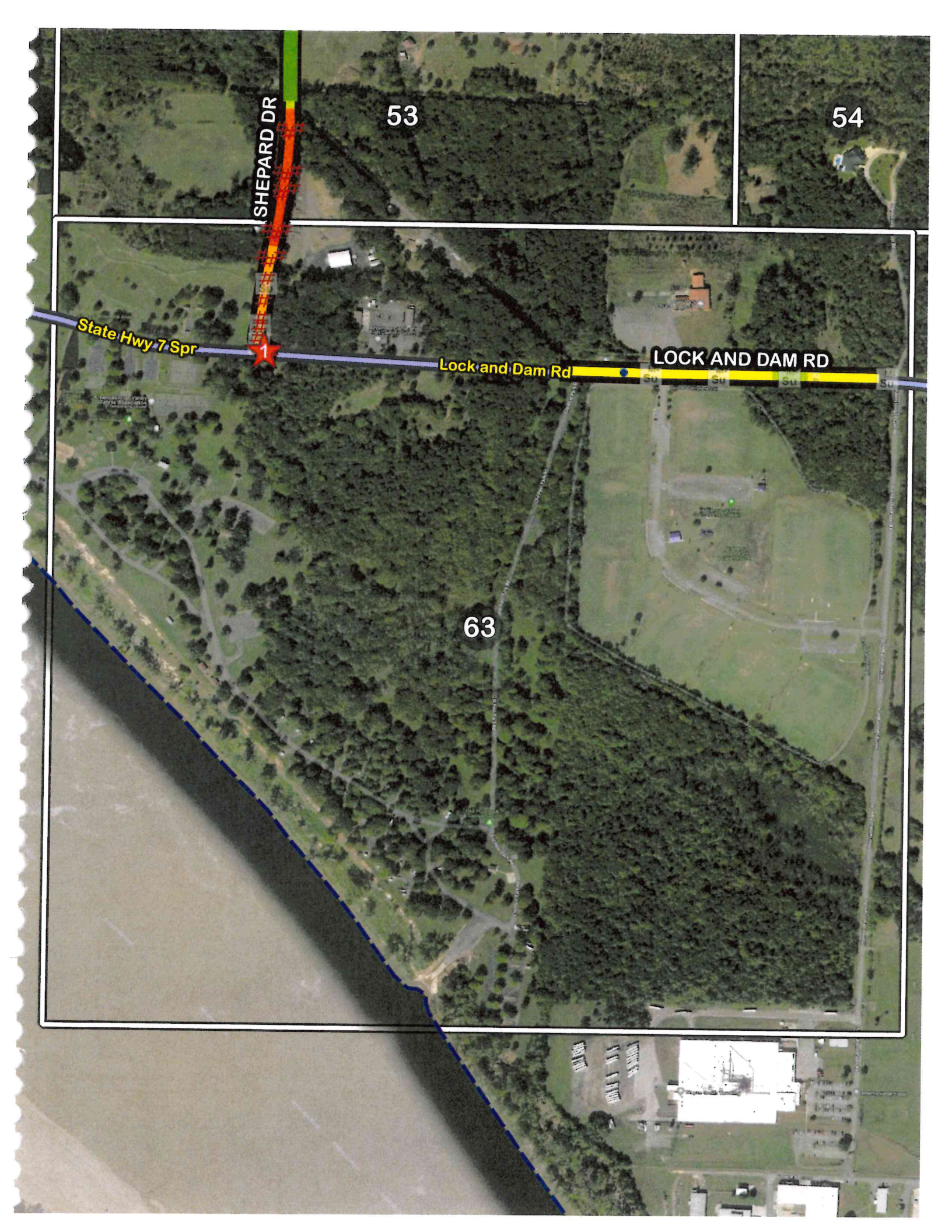
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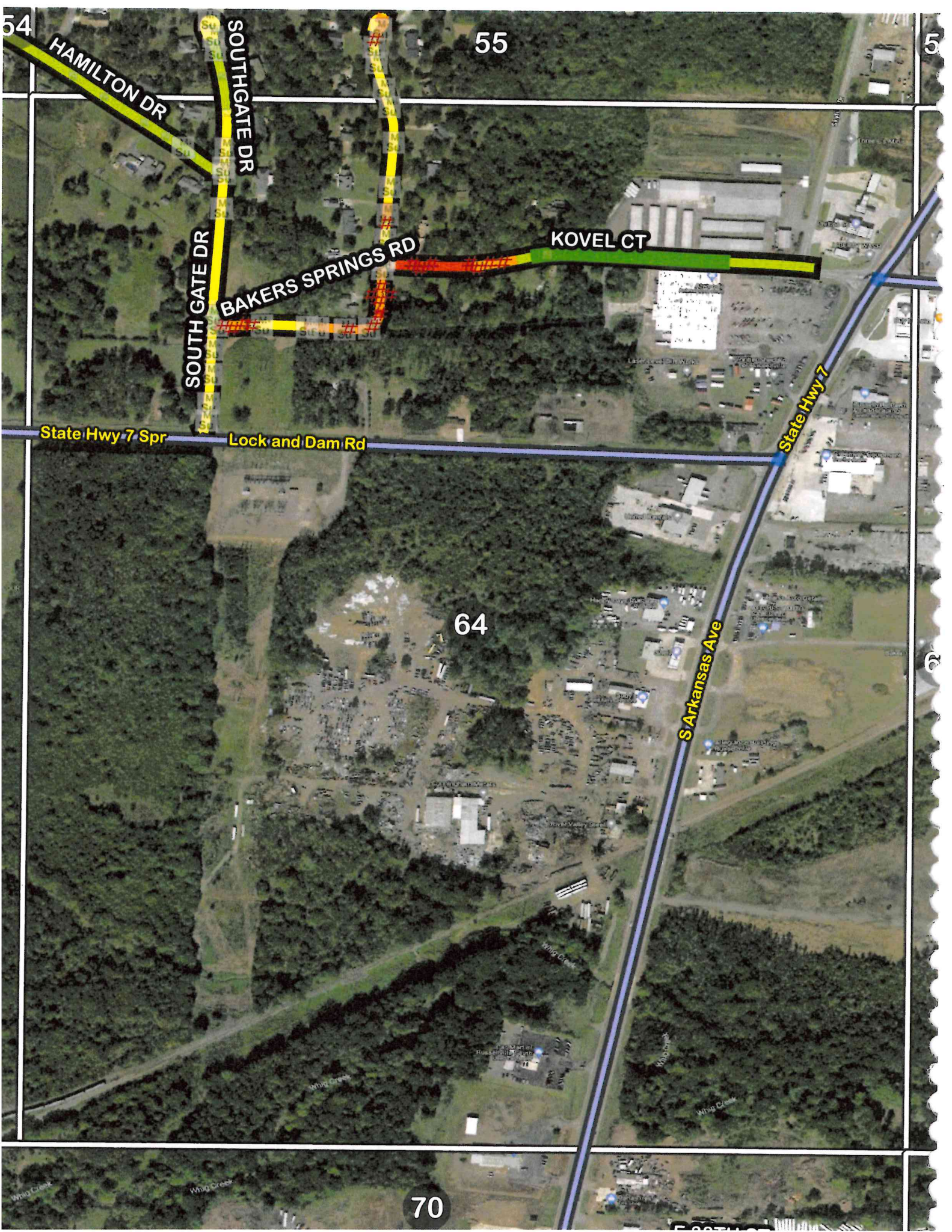
State Hwy 7 Spr

Lock and Dam Rd

LOCK AND DAM RD

63





54

55

5

HAMILTON DR

SOUTHGATE DR

SOUTH GATE DR

BAKERS SPRINGS RD

KOVEL CT

State Hwy 7 Spr

Lock and Dam Rd

State Hwy 7

S Arkansas Ave

64

70

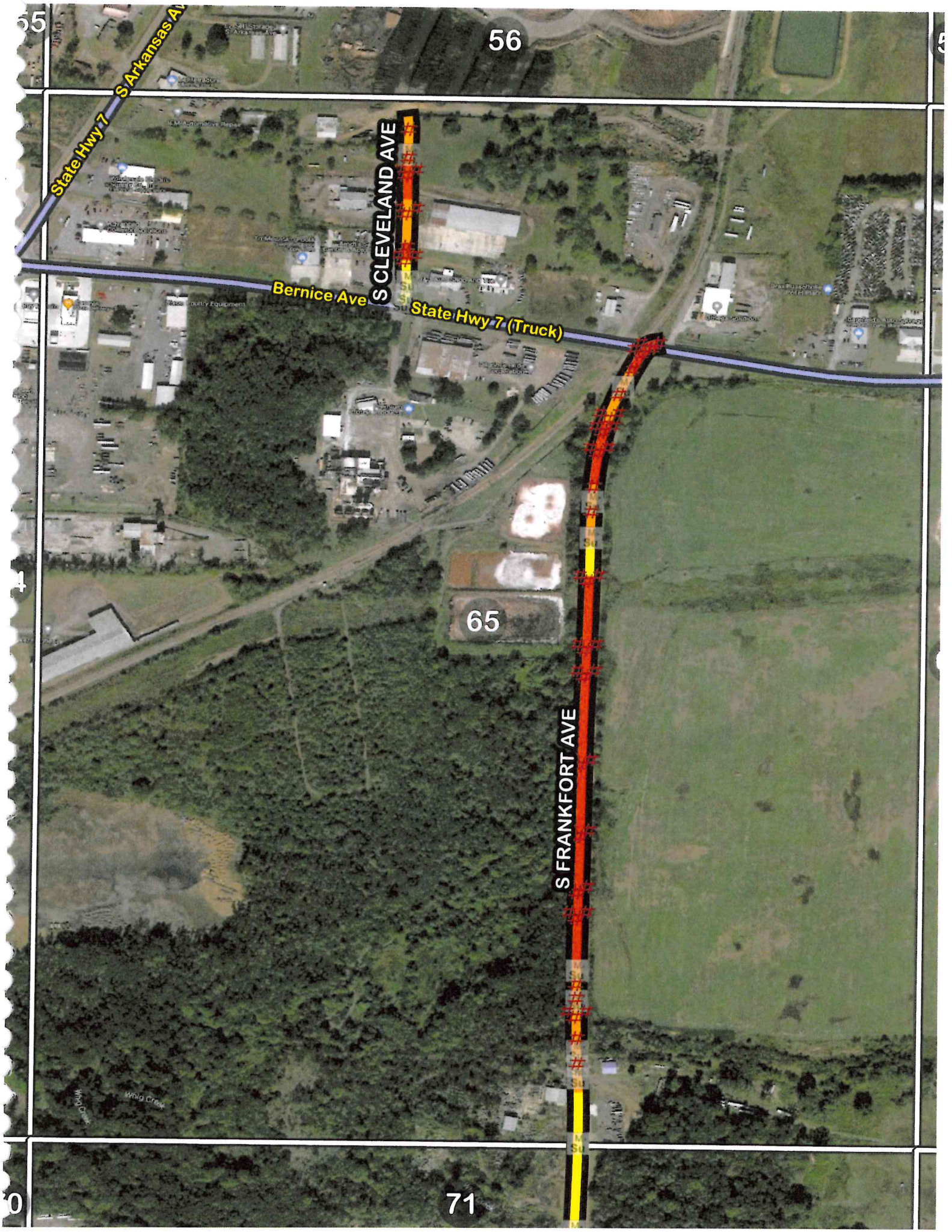
Whig Creek

Whig Creek

Whig Creek

Whig Creek

Whig Creek



55

56

State Hwy 7
S Arkansas Ave

S CLEVELAND AVE

Bernice Ave

State Hwy 7 (Truck)

65

S FRANKFORT AVE

71

0

56

57

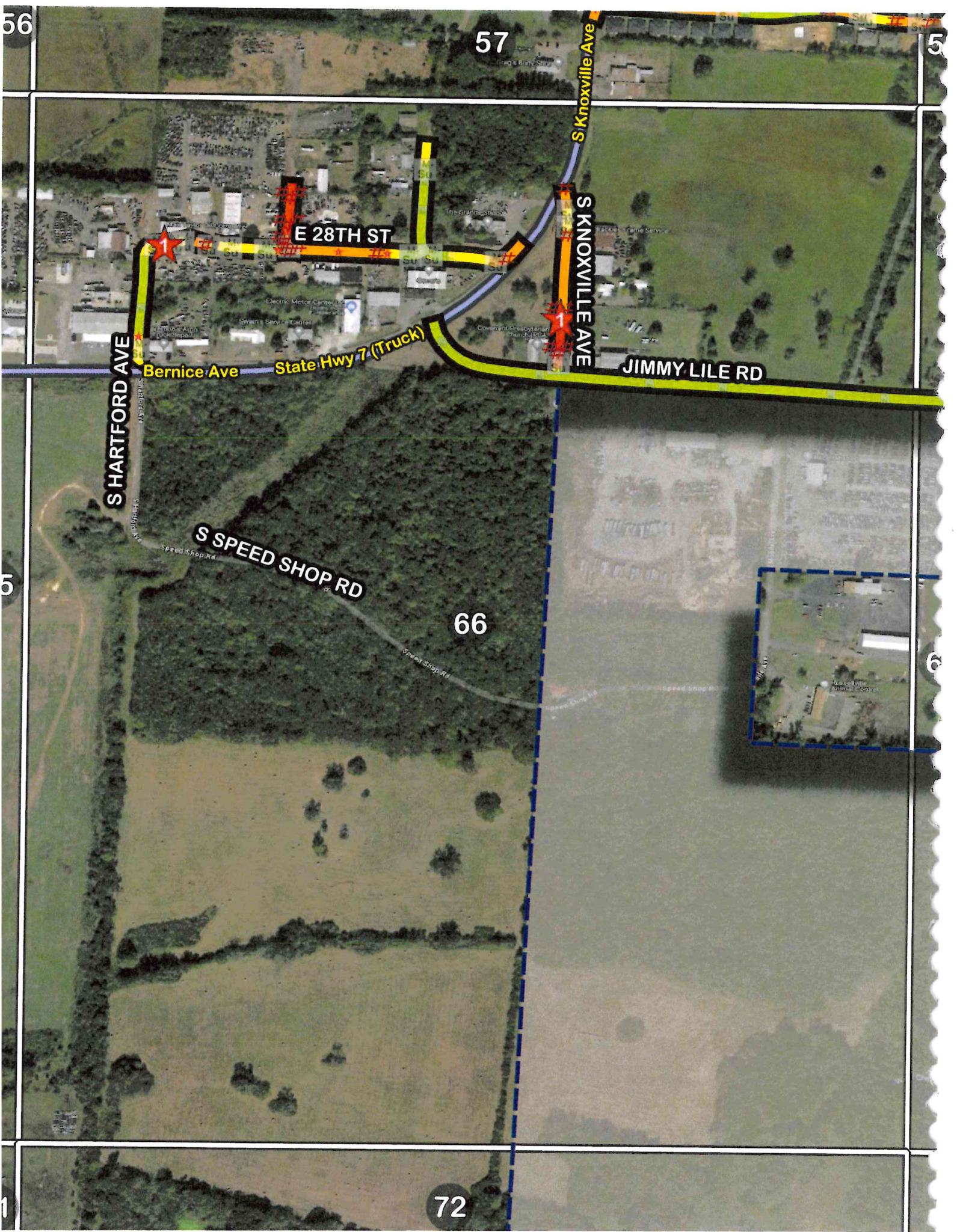
5

6

66

6

72



S HARTFORD AVE

E 28TH ST

S Knoxville Ave

S KNOXVILLE AVE

Bernice Ave

State Hwy 7 (Truck)

JIMMY LILE RD

S SPEED SHOP RD

57

58

5

JIMMY LILE RD



Su 1 Cu

6

67

6

2



58

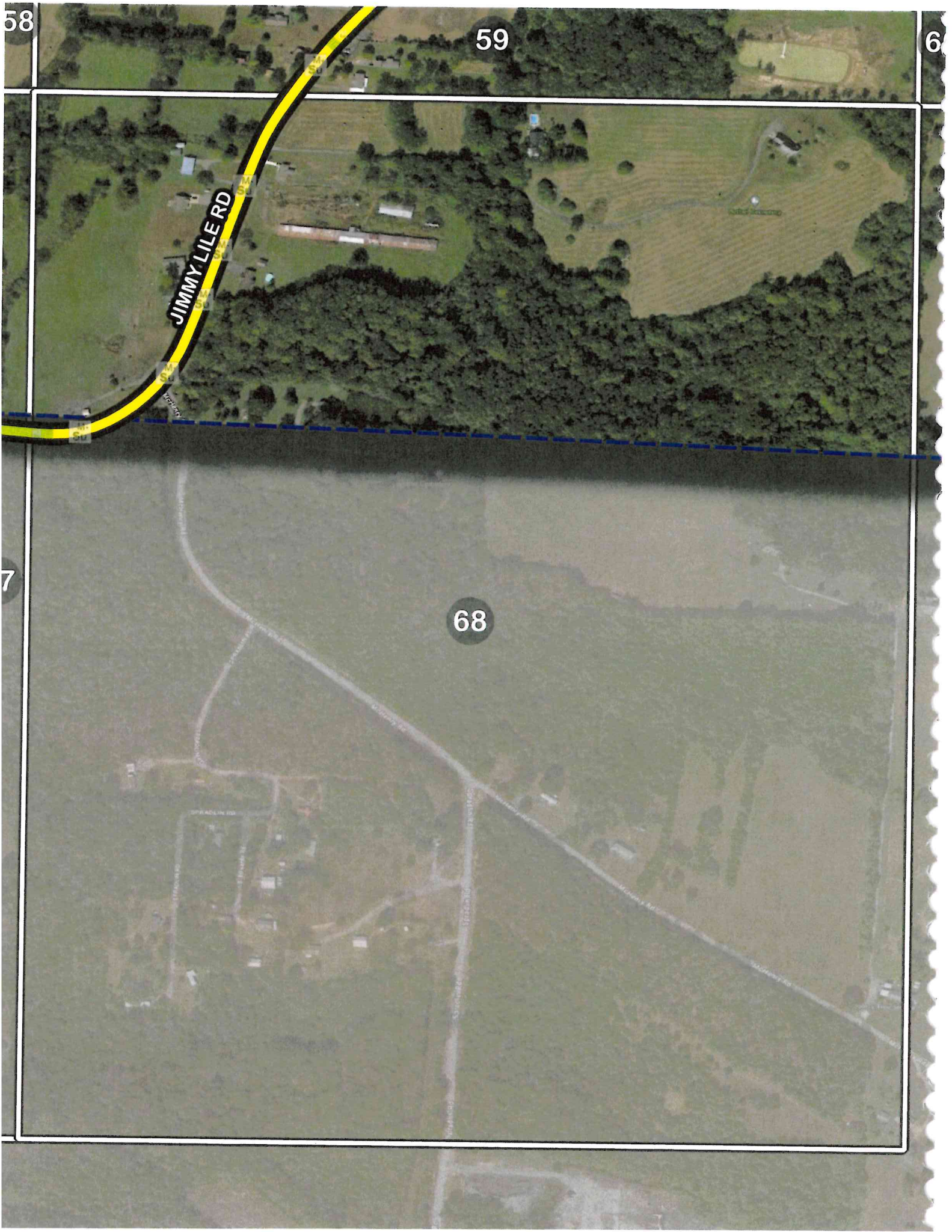
59

6

JIMMY LILERD

7

68



60

S Elmira Ave

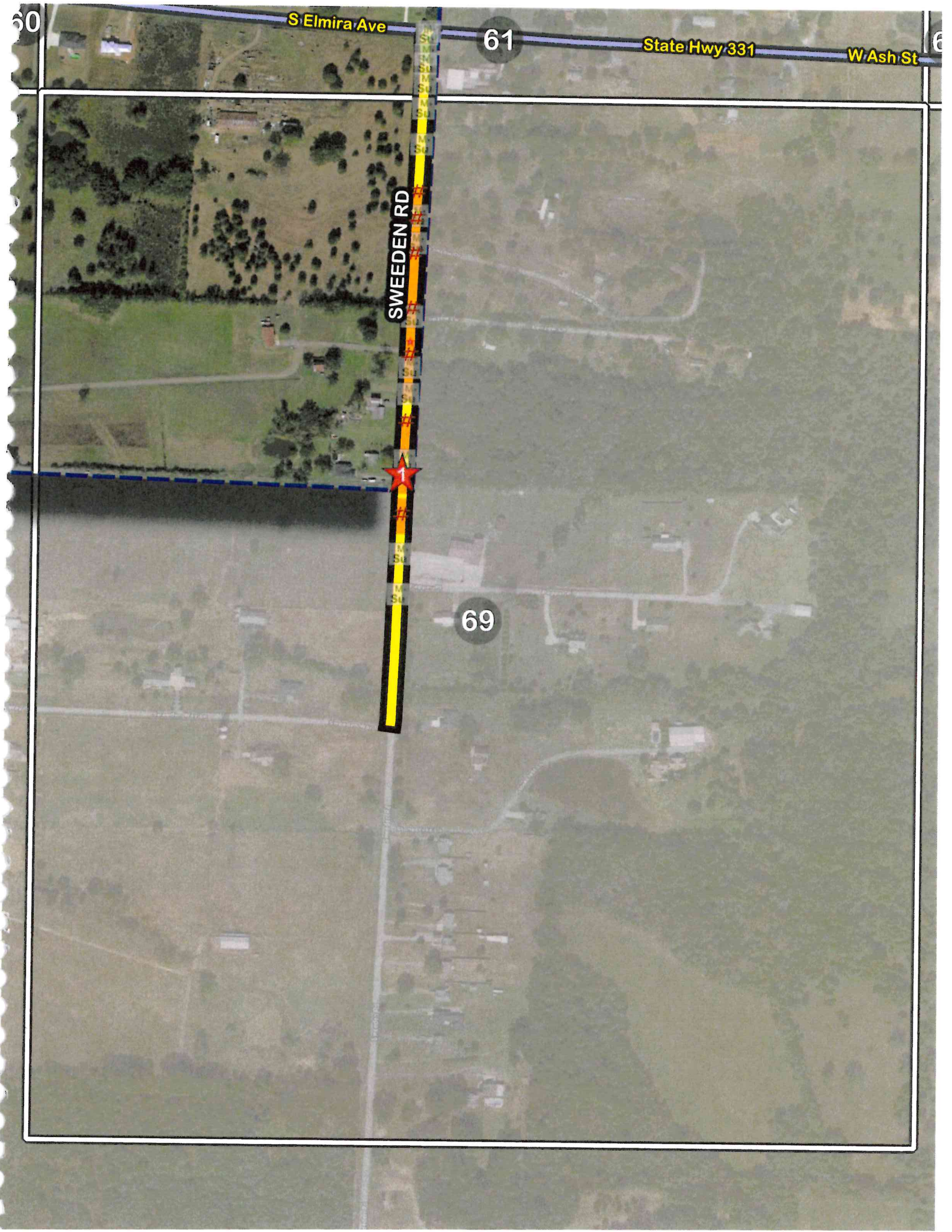
61

State Hwy 331

W Ash St

SWEEDEN RD

69



64

65

E 38TH ST

E 39TH ST

MIDWAY

71

70

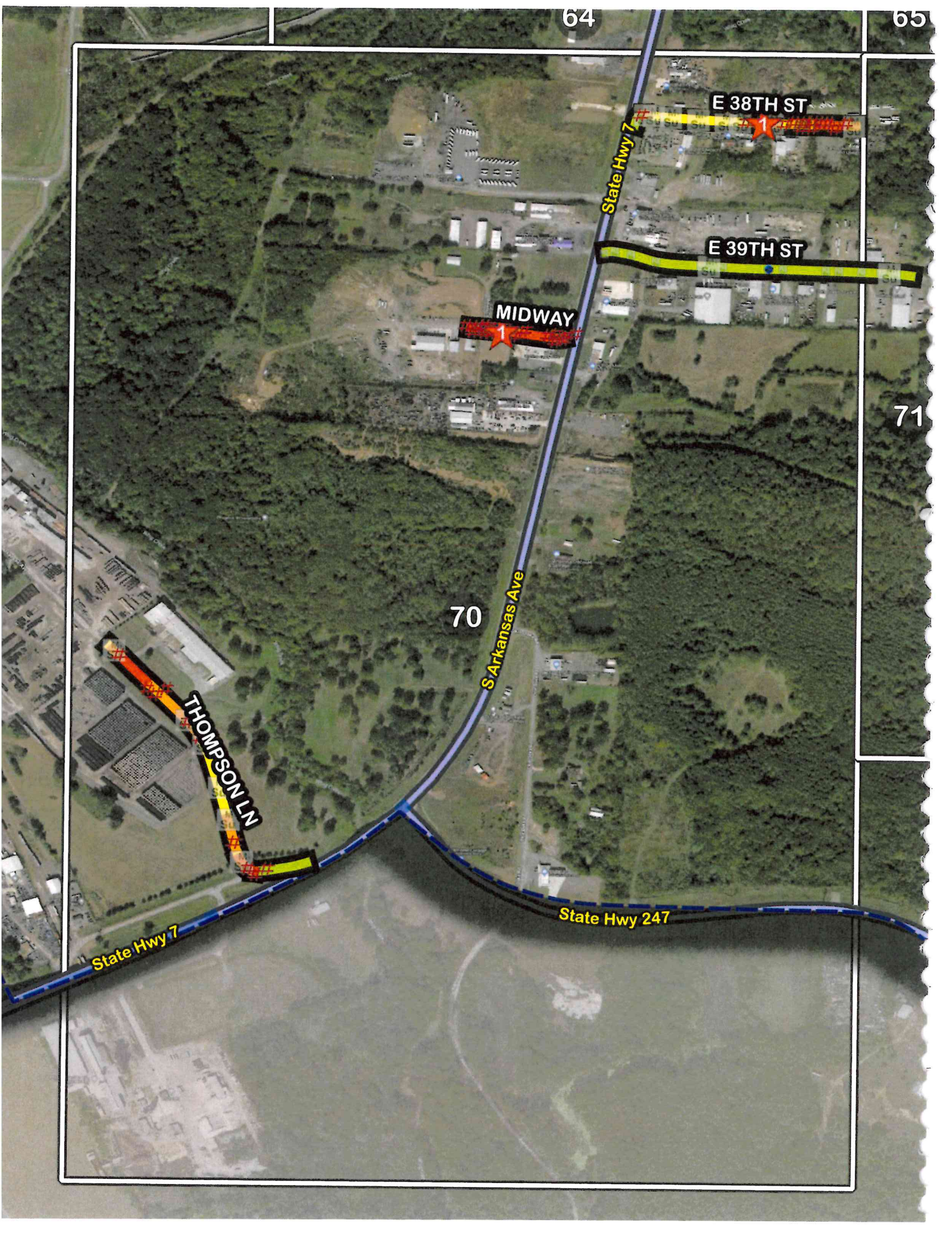
S Arkansas Ave

THOMPSON LN

State Hwy 247

State Hwy 7

State Hwy 7



64

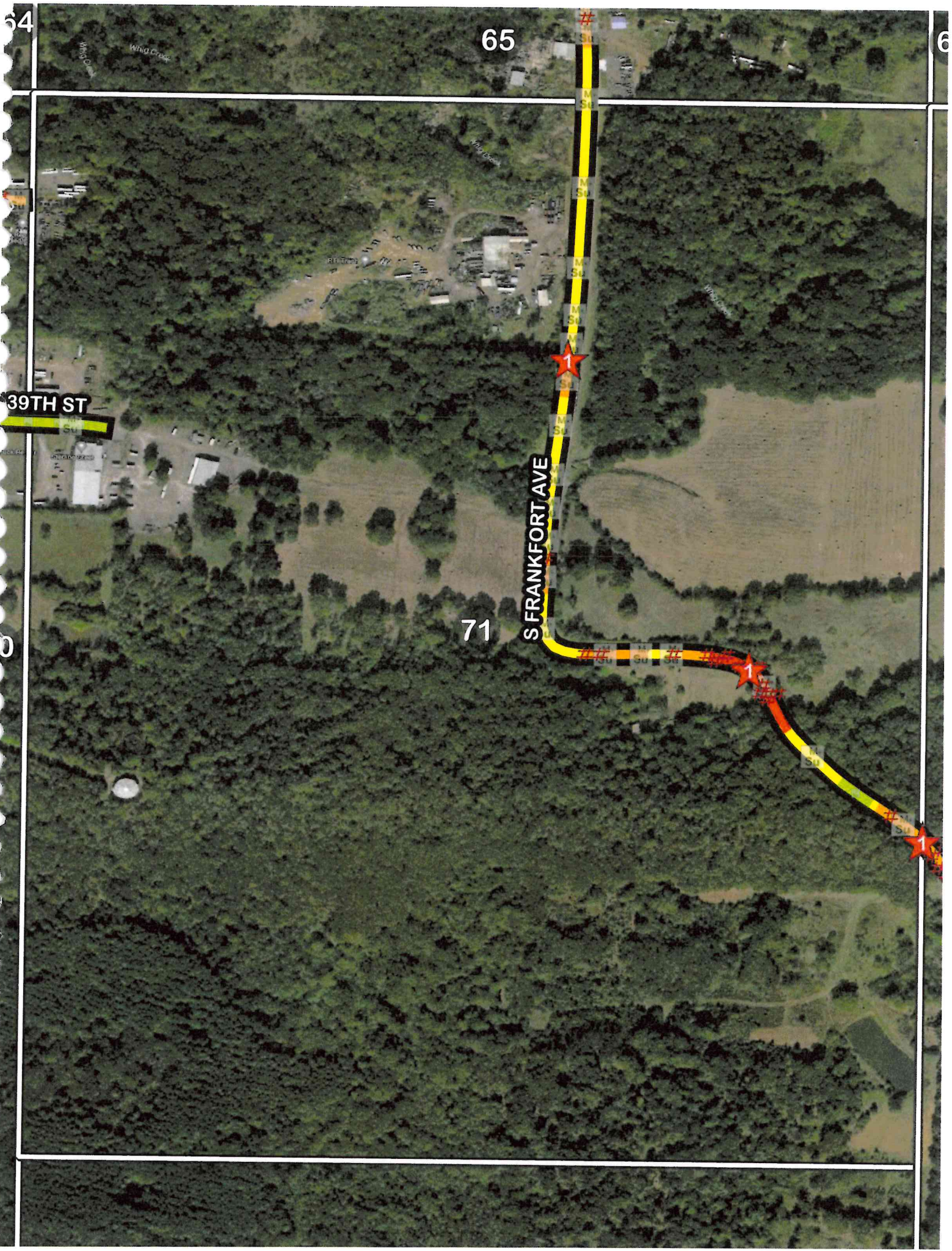
65

6

39TH ST

S FRANKFORT AVE

71



65

66

67

71

S FRANKFORT AVE 72

E 45TH ST

E 46TH ST

E 47TH ST

State Hwy 247

