

City of Bryan TAP Submittal



Transportation Alternatives Program (TAP)

Bryan City Council

Workshop

April 14, 2015

**W. Paul Kaspar, PE
City Engineer**

TAP Grant Overview



- Deadline May 4, 2015
- Bicycle and Pedestrian Improvements only
- Construction cost only – design funded 100% by local sponsor
- Local sponsor funds entire project and is reimbursed by TXDOT
- 80% Federal funds from TXDOT matched by 20% local funds – higher local match increases score
- Limited funds, competing with communities with less than 200,000 population
- 4 categories of projects
 - On and off-road pedestrian and bicycle facilities
 - Infrastructure to provide safer routes for non-drivers - public transportation
 - Conversion of abandoned railroad facilities for trails, etc.
 - Safe Routes to School Infrastructure Projects – walk/bike to school

TAP Grant Scoring



Key Goals and Project Emphasis for TXDOT – 50% score

- Improving Safety – Safe Routes to School
- Implementing Active Transportation and Mobility Plans
- Making local or Regional linkages and connections to employment, households, and Activity Centers – connection to transit
- Reducing Barriers – ADA ramps, crossings of creeks, etc.
- Environmental benefits / reducing congestion – encourage healthy living
- Creating Economic Development Opportunities – tourism, revitalization

Project Readiness – 25% score

- Ability to construct if funded, community support, partnerships

Local Project Funding – 25% score

- Local sponsor demonstrates ability to pay 100% of construction cost
- Additional local match exceeding 20% will be factor in scoring

RBPAP Recommendations



RBPAP – Regional Bike Pedestrian Advisory Panel

Recommended supporting all the projects submitted by College Station and Bryan.

Gave recommendation to rank the South College Ph 1 project as #1 and E. 29th/Tarrow as #2 for each City's submittal package.

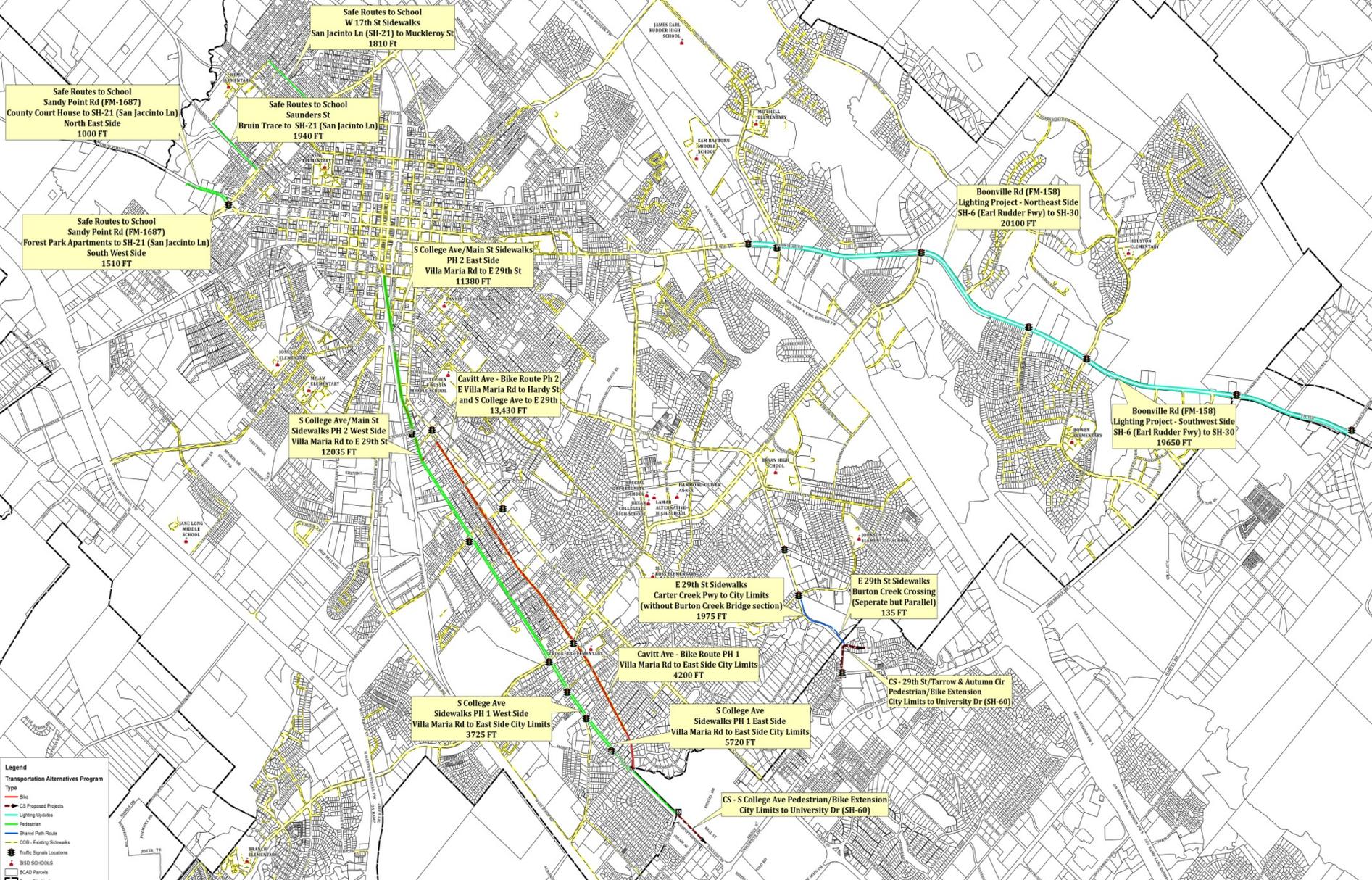
Bryan TAP Projects



1. South College Phase 1 – *
2. East 29th Street / Tarrow Street - *
3. FM158 Safety Lighting
4. Safe Routes to School
5. South College Phase 2

* - Regional Bike Ped Advisory Panel Recommendation

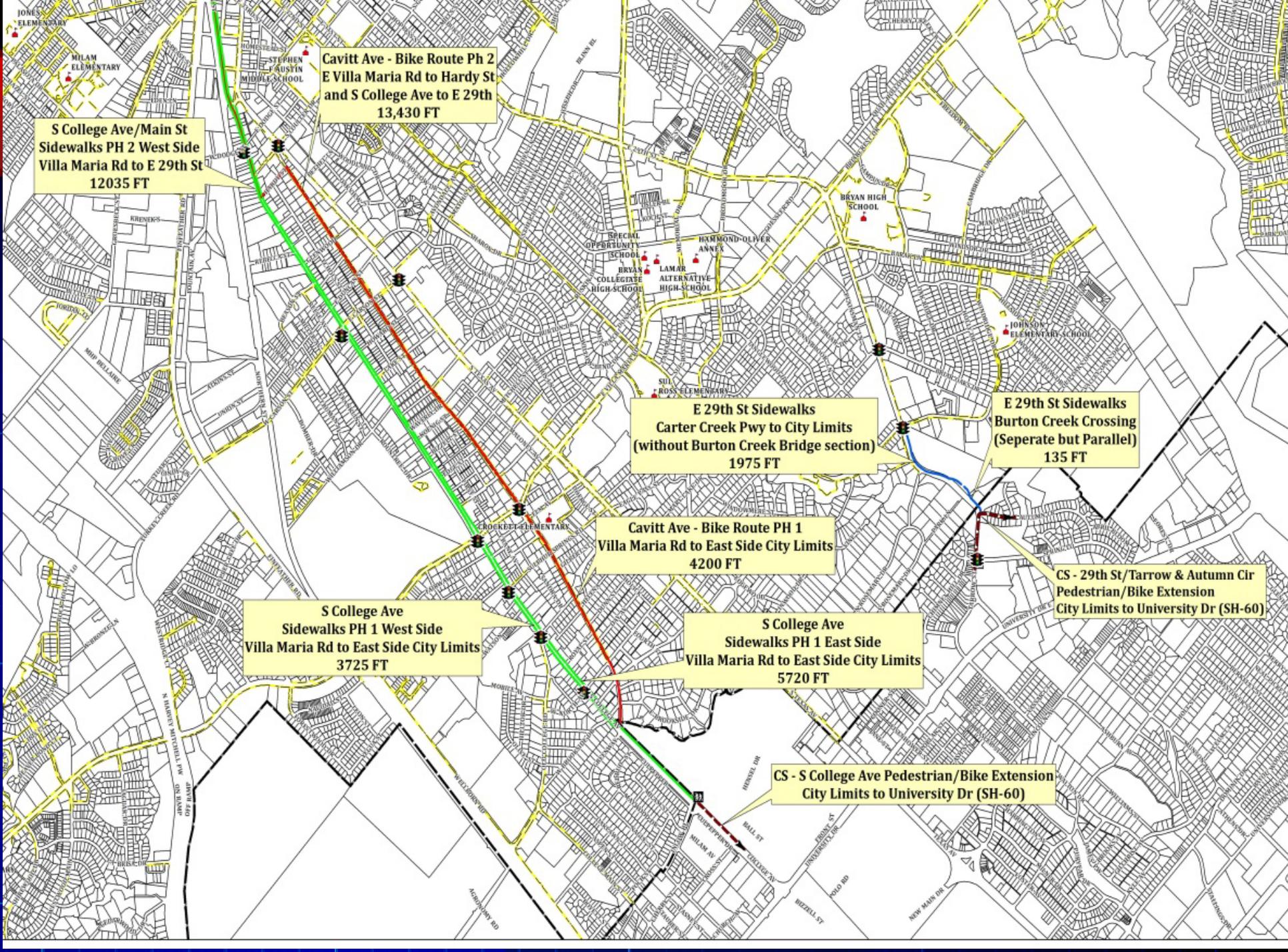
Transportation Alternatives Program Project Submittal Overall with Footages



Legend

Transportation Alternatives Program Type

- Site
- CS Proposed Projects
- Lighting Updates
- Pedestrian
- Shared Path Route
- C2B - Existing Sidewalks
- Traffic Signals Locations
- BUSD SCHOOLS
- BICAD Parcels
- Bryan City Limits



S College Ave/Main St Sidewalks PH 2 West Side Villa Maria Rd to E 29th St
12035 FT

Cavitt Ave - Bike Route Ph 2 E Villa Maria Rd to Hardy St and S College Ave to E 29th
13,430 FT

E 29th St Sidewalks Carter Creek Pwy to City Limits (without Burton Creek Bridge section)
1975 FT

E 29th St Sidewalks Burton Creek Crossing (Seperate but Parallel)
135 FT

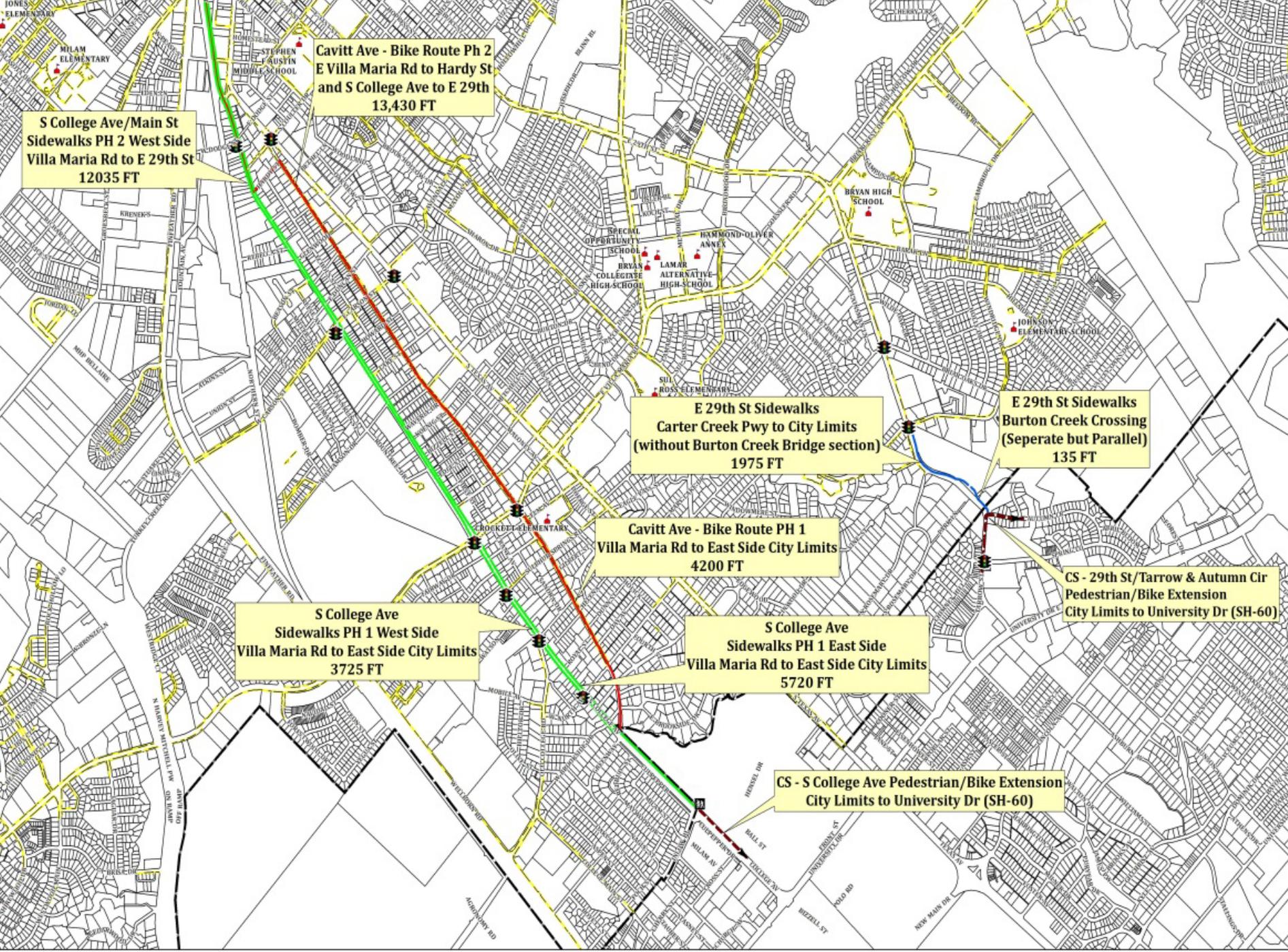
Cavitt Ave - Bike Route PH 1 Villa Maria Rd to East Side City Limits
4200 FT

CS - 29th St/Tarrow & Autumn Cir Pedestrian/Bike Extension City Limits to University Dr (SH-60)

S College Ave Sidewalks PH 1 West Side Villa Maria Rd to East Side City Limits
3725 FT

S College Ave Sidewalks PH 1 East Side Villa Maria Rd to East Side City Limits
5720 FT

CS - S College Ave Pedestrian/Bike Extension City Limits to University Dr (SH-60)



Safe Routes to School
W 17th St Sidewalks
San Jacinto Ln (SH-21) to Muckleroy St
1810 Ft

Safe Routes to School
Sandy Point Rd (FM-1687)
County Court House to SH-21 (San Jacinto Ln)
North East Side
1000 FT

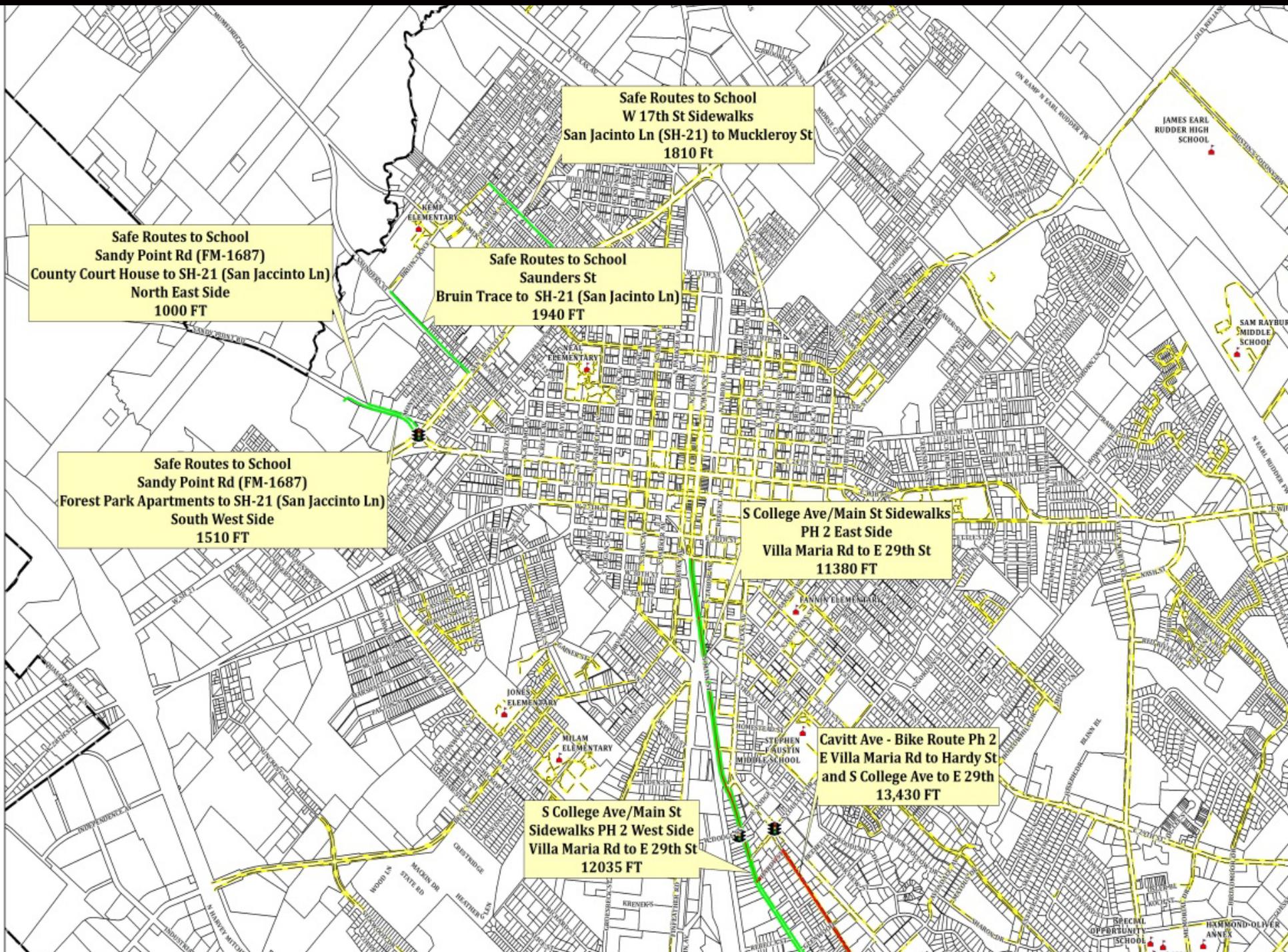
Safe Routes to School
Saunders St
Bruin Trace to SH-21 (San Jacinto Ln)
1940 FT

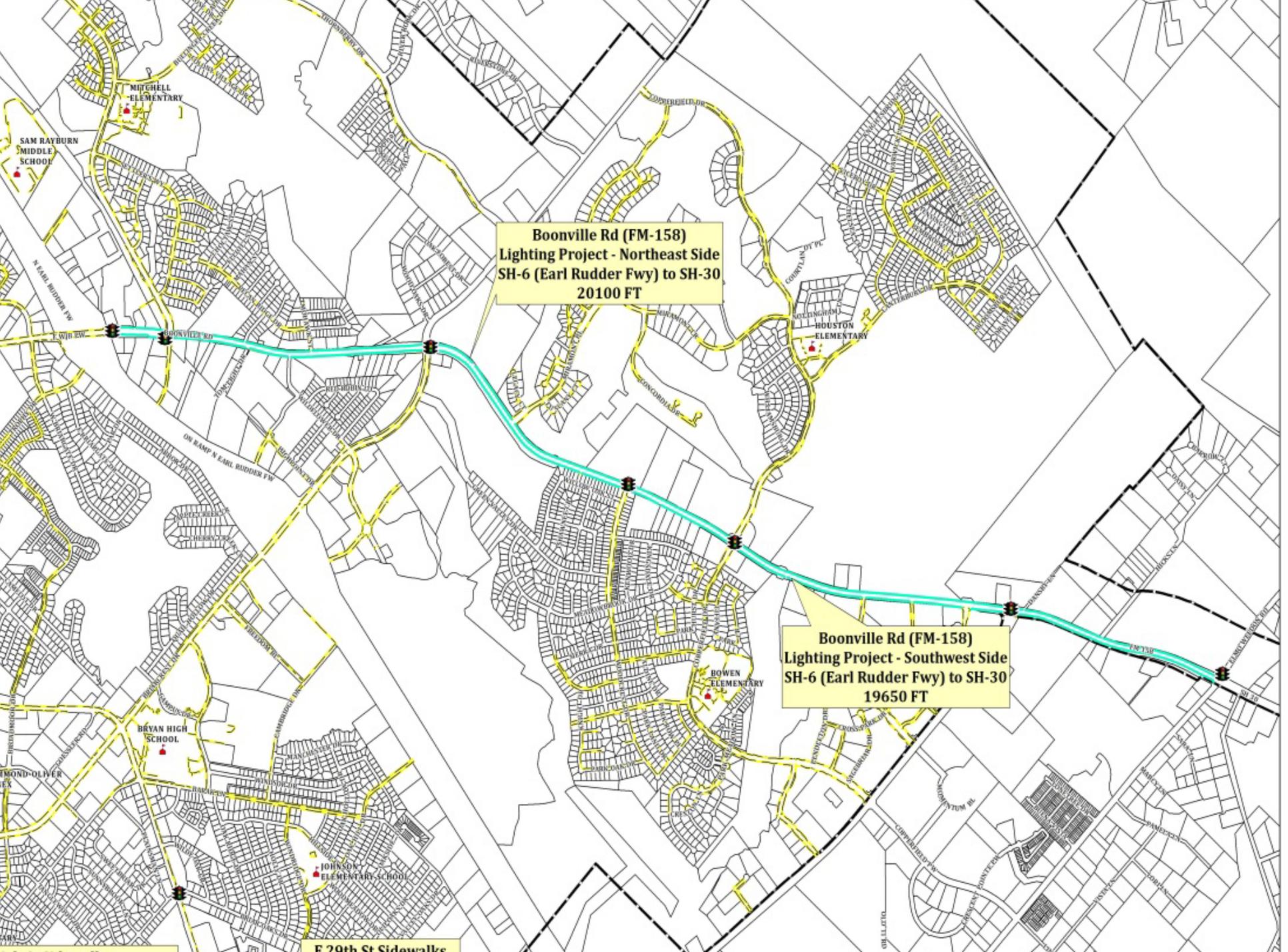
Safe Routes to School
Sandy Point Rd (FM-1687)
Forest Park Apartments to SH-21 (San Jacinto Ln)
South West Side
1510 FT

S College Ave/Main St Sidewalks
PH 2 East Side
Villa Maria Rd to E 29th St
11380 FT

Cavitt Ave - Bike Route Ph 2
E Villa Maria Rd to Hardy St
and S College Ave to E 29th
13,430 FT

S College Ave/Main St
Sidewalks PH 2 West Side
Villa Maria Rd to E 29th St
12035 FT





**Boonville Rd (FM-158)
Lighting Project - Northeast Side
SH-6 (Earl Rudder Fwy) to SH-30
20100 FT**

**Boonville Rd (FM-158)
Lighting Project - Southwest Side
SH-6 (Earl Rudder Fwy) to SH-30
19650 FT**

E 20th St Sidewalks

South College Bike/Ped Ph1

- Partner project with one submitted by College Station
- Limits from the driveway into Hensel Park (City Limit line on east side of S. College) to Villa Maria (FM1179)
- 12 foot wide shared use path from Hensel Park Driveway to Brookside on east side only
- Bike route designated on Cavitt Avenue with signage
- Pedestrian sidewalks (6 ft) will be constructed on both sides of S. College between Brookside and Villa Maria
- Estimated cost of project
 - Total construction - \$2,763,473
 - TXDOT Admin Cost - \$360,453
 - Net Construction Cost - \$2,403,020
 - Eligible Federal Match 70% - \$1,682,114
 - Local Match 30% - \$720,906
 - Local match for TXDOT Admin (30%) - \$108,136
 - Total Local match - \$829,042

South College Bike/Ped Phase 1 - Villa Maria Rd (FM1179) to City Limits



S College Ave Sidewalks PH 1 West Side
 Villa Maria Rd to East Side City Limits
 3725 FT

Cavitt Ave - Bike Route PH 1
 Villa Maria Rd to East Side City Limits
 4200 FT

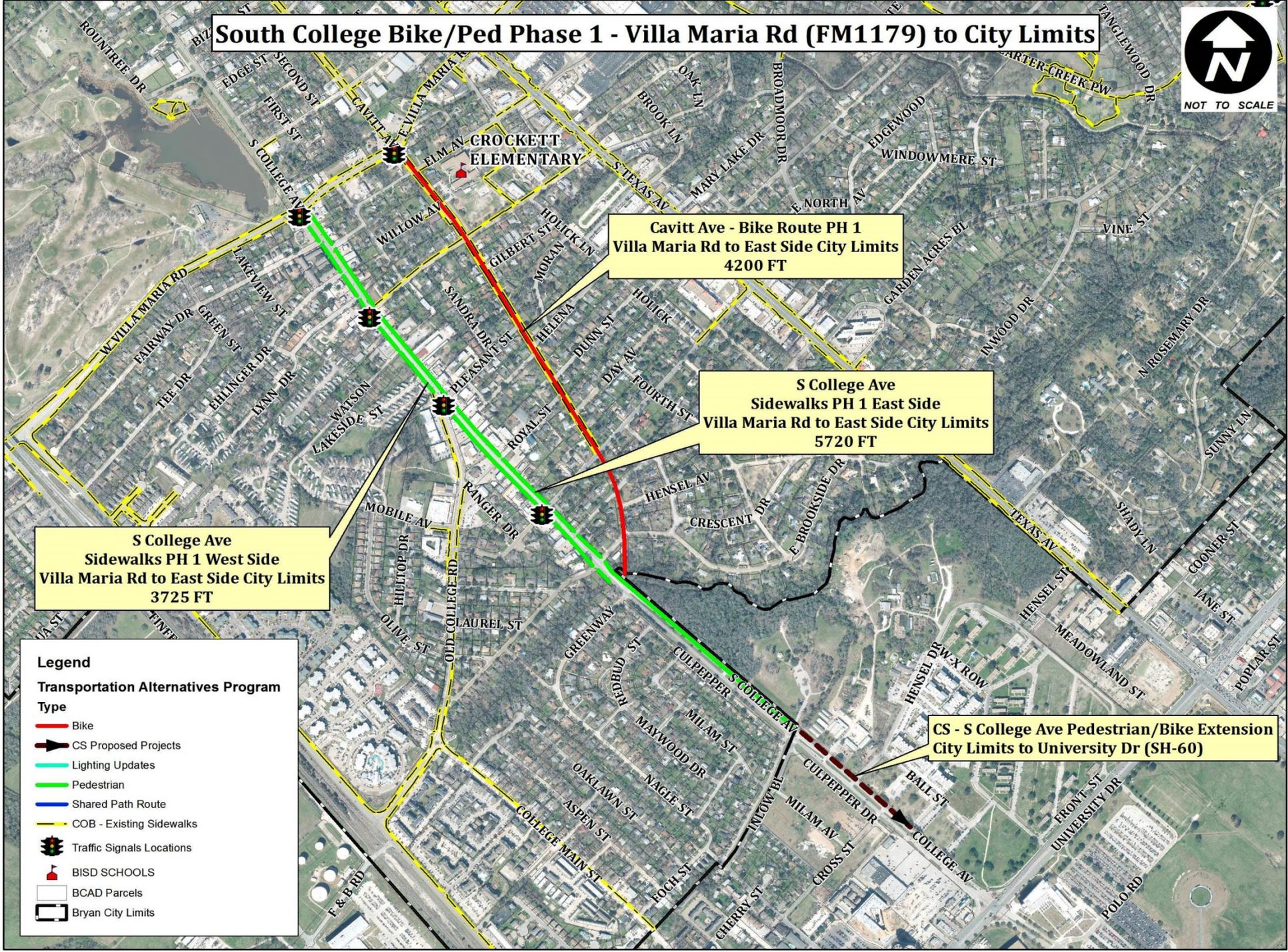
S College Ave Sidewalks PH 1 East Side
 Villa Maria Rd to East Side City Limits
 5720 FT

CS - S College Ave Pedestrian/Bike Extension
 City Limits to University Dr (SH-60)

Legend

Transportation Alternatives Program Type

- Bike
- CS Proposed Projects
- Lighting Updates
- Pedestrian
- Shared Path Route
- COB - Existing Sidewalks
- Traffic Signals Locations
- BISD SCHOOLS
- BCAD Parcels
- Bryan City Limits



E 29th Street Bike/Ped



- From Carter Creek Parkway to Autumn Circle (partnered project with CS – ILA for funding)
- 12 ft wide shared use path - eastern side of E. 29th and Tarrow
- 16 ft wide bridge across Burton Creek
- Existing people paths worn in grass
- Connect 2 cities and regional destinations such as Bryan High, Council of Governments, Hilton Conference Center and TAMU.
- Estimated cost of project
 - Total construction - \$1,646,341
 - TXDOT Admin Cost - \$214,740
 - Net Construction Cost - \$1,431,601
 - Eligible Federal Match 80% - \$1,145,281
 - Local Match 20% - \$286,320
 - Local match for TXDOT Admin (20%) - \$42,948
 - Total Local match - \$329,268

E 29th St Bike/Ped - Carter Creek Pwy to City Limits



**E 29th St Sidewalks
Carter Creek Pwy to City Limits
(without Burton Creek Bridge section)
1975 FT**

**E 29th St Sidewalks
Burton Creek Crossing
(Seperate but Parallel)
135 FT**

**CS - 29th St/Tarrow & Autumnn Cir
Pedestrian/Bike Extension
City Limits to University Dr (SH-60)**

Legend

Transportation Alternatives Program Type

- Bike
- CS Proposed Projects
- Lighting Updates
- Pedestrian
- Shared Path Route
- Traffic Signals Locations
- BISSD SCHOOLS
- COB - Existing Sidewalks
- BCAD Parcels
- Bryan City Limits



FM158 Bike/Ped Lighting



- Provide lighting for both existing 12 ft wide shared use path on east side of FM158 (Boonville Road) and 6 ft sidewalk along west side.
- Limits from SH6 (Earl Rudder Freeway) to State Highway 30
- Route goes through the original town of Boonville and passes by the Boonville Cemetery
- Connects multiple residential subdivisions including Austin's Colony, Pecan Ridge, Miramont, Wheeler Ridge, Tiffany Park, and Copperfield and multiple churches and shopping centers.
- Estimated Construction Cost:
 - Total construction - \$1,840,000
 - TXDOT Admin Cost - \$240,000
 - Net Construction Cost - \$1,600,000
 - Eligible Federal Match 70% - \$1,120,000
 - Local Match 30% - \$480,000
 - Local match for TXDOT Admin (30%) - \$72,000
 - Total Local match - \$552,000



**Boonville Rd (FM-158)
Lighting Project - Northeast Side
SH-6 (Earl Rudder Fwy) to SH-30
20100 FT**

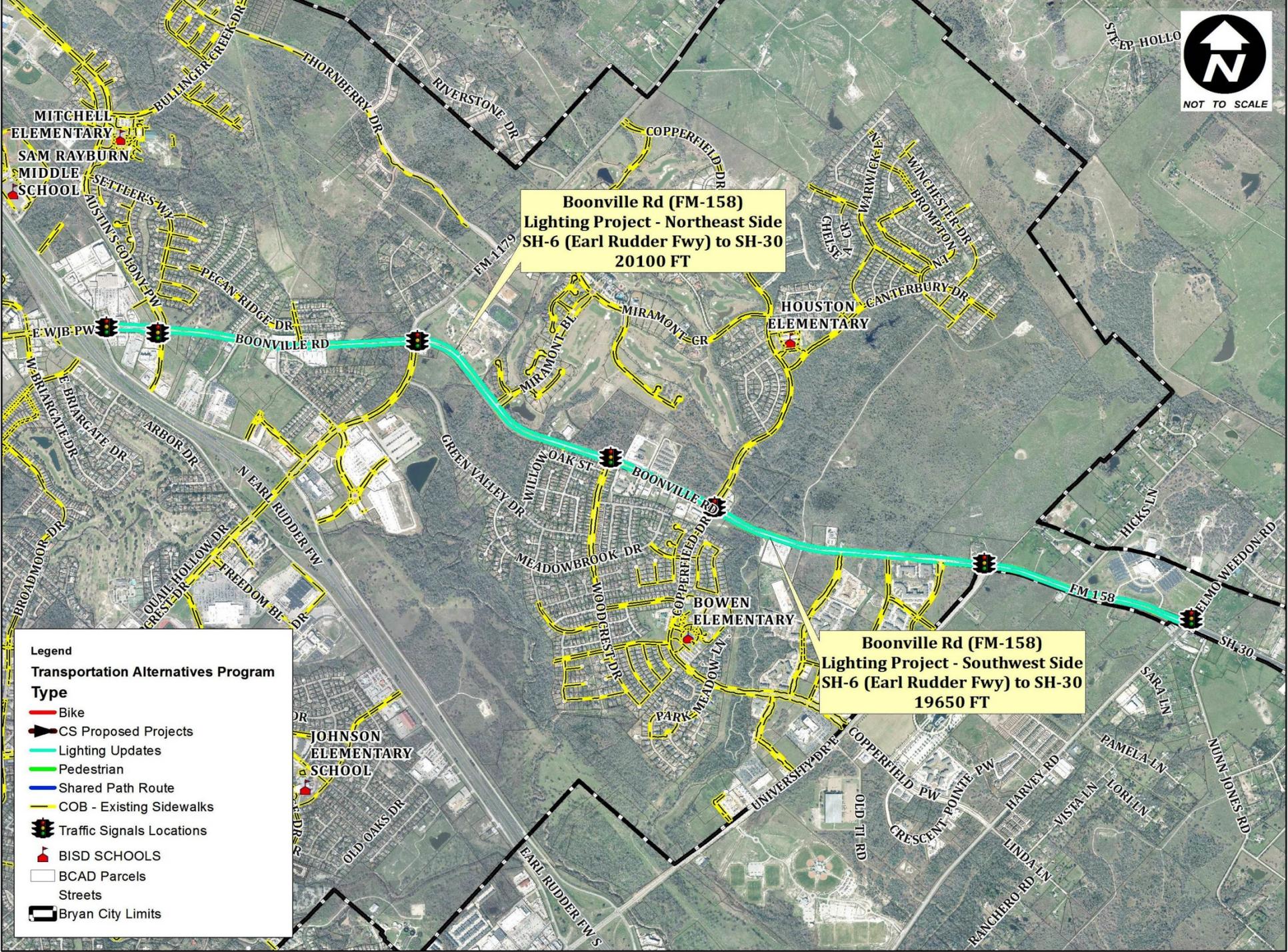
**Boonville Rd (FM-158)
Lighting Project - Southwest Side
SH-6 (Earl Rudder Fwy) to SH-30
19650 FT**

Legend

Transportation Alternatives Program

Type

-  Bike
-  CS Proposed Projects
-  Lighting Updates
-  Pedestrian
-  Shared Path Route
-  COB - Existing Sidewalks
-  Traffic Signals Locations
-  BISD SCHOOLS
-  BCAD Parcels
-  Streets
-  Bryan City Limits



Safe Routes to School



- W. 17th Street
 - Kemp Elementary
- Saunders Street
 - Kemp Elementary
- Sandy Point
 - Kemp Elementary
 - Brazos County Jail

W. 17th Street Sidewalks



- From State Highway 21 (San Jacinto) to Muckleroy Street
- 6 ft wide sidewalks along western side of W. 17th Street
- Connect existing sidewalks on SH 21 with those recently constructed by City of Bryan on Muckleroy that safely move kids to the local elementary school – Kemp Elementary
- Project will be shovel ready – design in progress
- Estimated cost of project ~\$265,000

W 17th St Sidewalks - San Jacinto Ln (SH-21) to Muckleyroy St

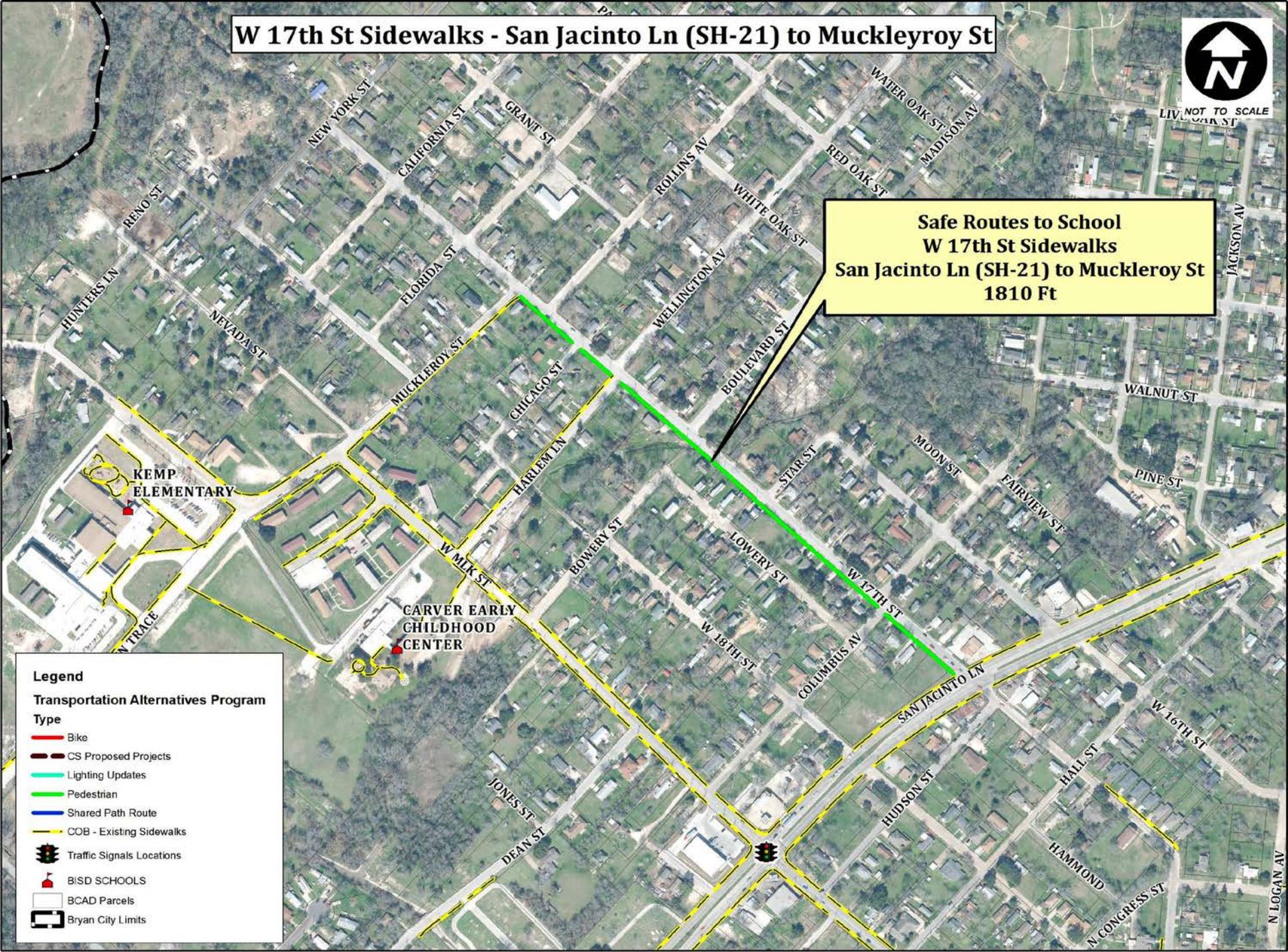


Safe Routes to School
W 17th St Sidewalks
San Jacinto Ln (SH-21) to Muckleroy St
1810 Ft

Legend

Transportation Alternatives Program Type

- Bike
- CS Proposed Projects
- Lighting Updates
- Pedestrian
- Shared Path Route
- COB - Existing Sidewalks
- Traffic Signals Locations
- BISD SCHOOLS
- BCAD Parcels
- Bryan City Limits



Saunders Street Sidewalks



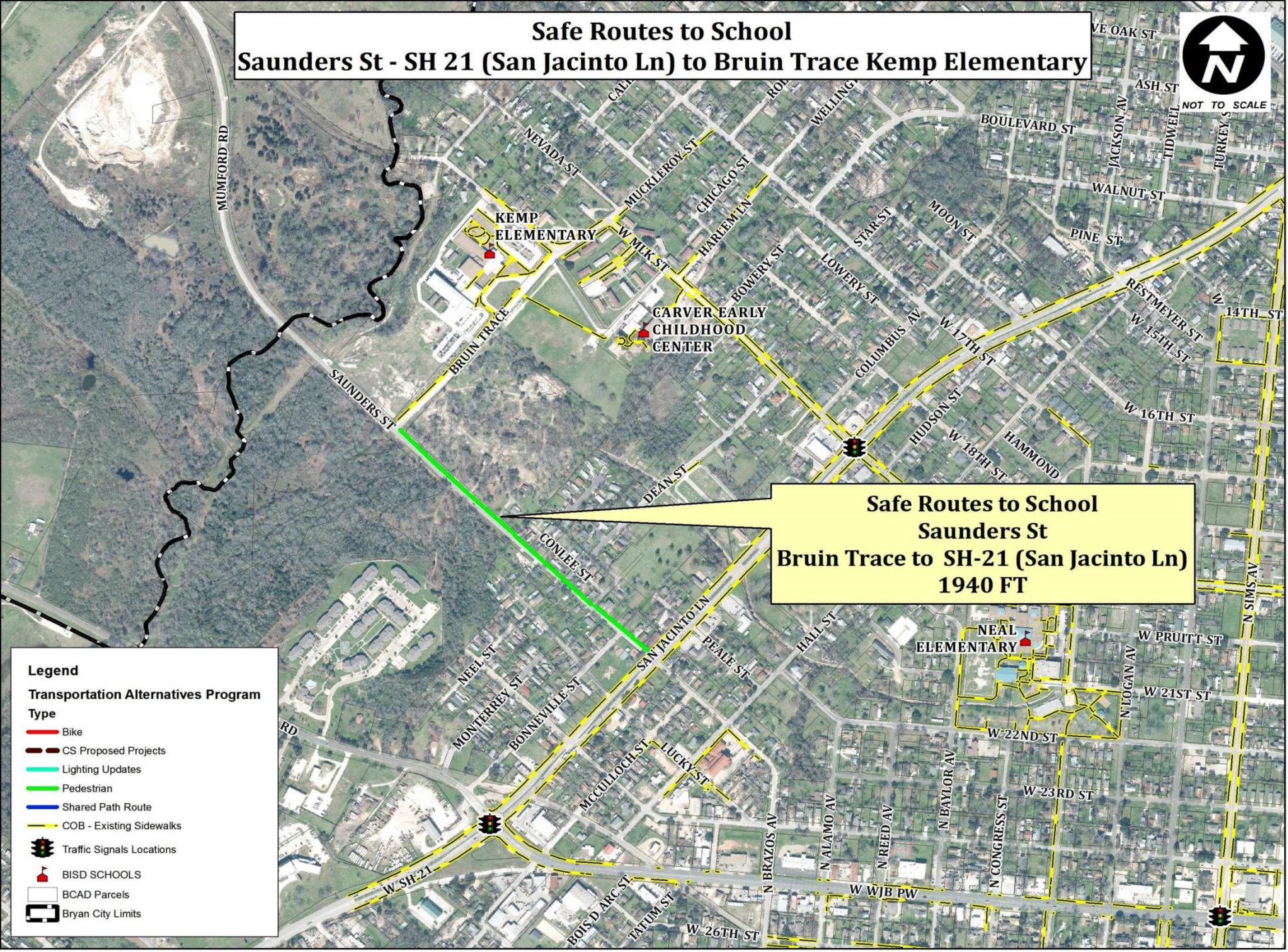
- Limits: Saunders from SH 21 (San Jacinto) to Bruin Trace (Kemp Elementary) on east side of Saunders connecting to existing sidewalks on north side of Bruin Trace and north side of SH 21
- 8 ft wide sidewalk
- Includes culvert extension to cross creek
- Estimated cost of Project ~ \$575,000

Safe Routes to School

Saunders St - SH 21 (San Jacinto Ln) to Bruin Trace Kemp Elementary



NOT TO SCALE



Safe Routes to School
Saunders St
Bruin Trace to SH-21 (San Jacinto Ln)
1940 FT

Legend

Transportation Alternatives Program Type

-  Bike
-  CS Proposed Projects
-  Lighting Updates
-  Pedestrian
-  Shared Path Route
-  COB - Existing Sidewalks
-  Traffic Signals Locations
-  BISD SCHOOLS
-  BCAD Parcels
-  Bryan City Limits

Sandy Point Sidewalk



- Limits from County Jail to State Highway 21 (San Jacinto).
- 6 ft wide sidewalks on both sides
- Includes passing by large apartment complex
- TXDOT Road designation FM1687.
- Estimated cost of Project ~ \$993,000

Safe Routes to School Sandy Point Rd Sidewalks - County Jail to SH-21 (San Jacinto Ln)



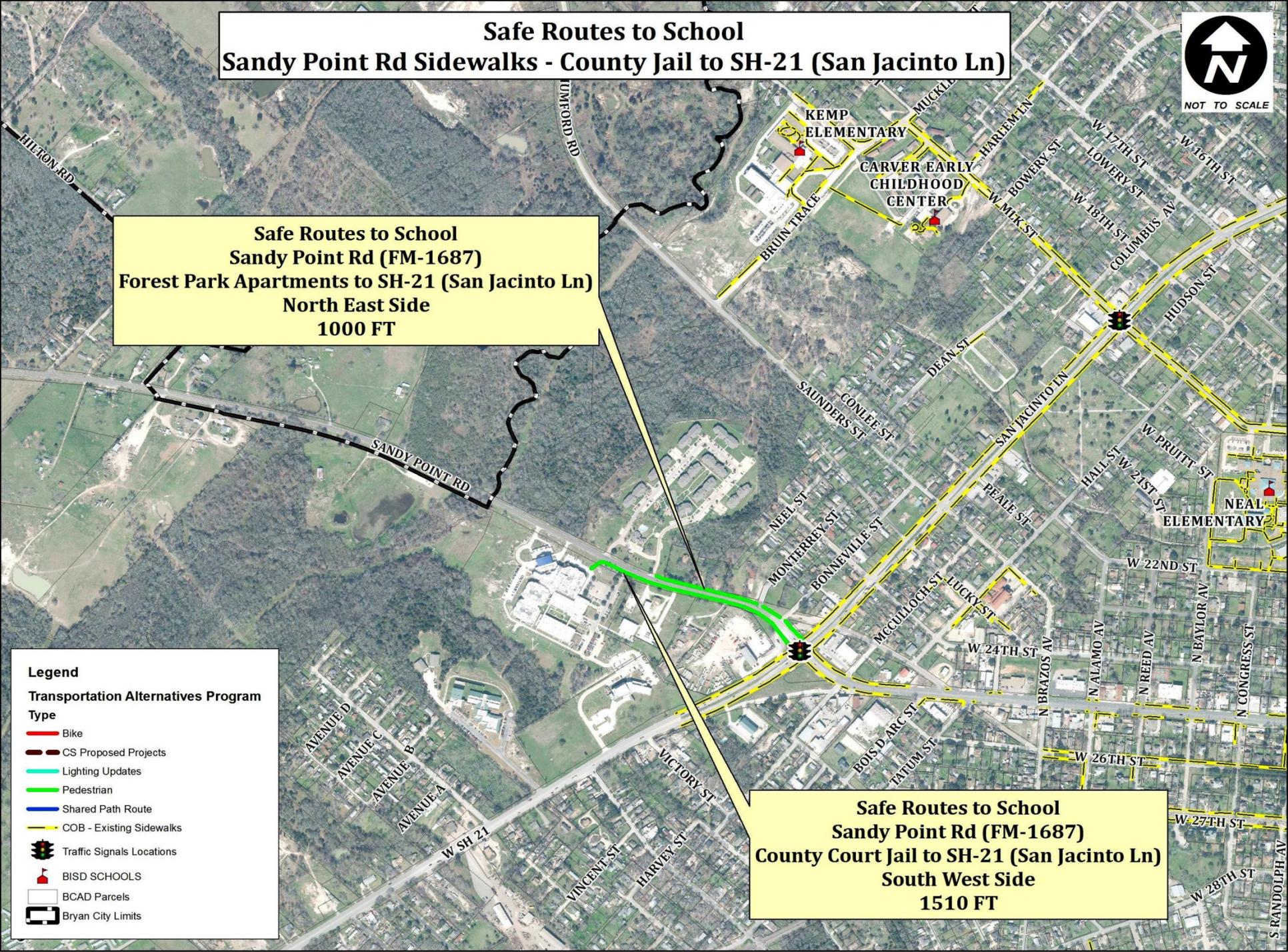
**Safe Routes to School
Sandy Point Rd (FM-1687)
Forest Park Apartments to SH-21 (San Jacinto Ln)
North East Side
1000 FT**

**Safe Routes to School
Sandy Point Rd (FM-1687)
County Court Jail to SH-21 (San Jacinto Ln)
South West Side
1510 FT**

Legend

Transportation Alternatives Program Type

-  Bike
-  CS Proposed Projects
-  Lighting Updates
-  Pedestrian
-  Shared Path Route
-  COB - Existing Sidewalks
-  Traffic Signals Locations
-  BISD SCHOOLS
-  BCAD Parcels
-  Bryan City Limits



Safe Routes to School

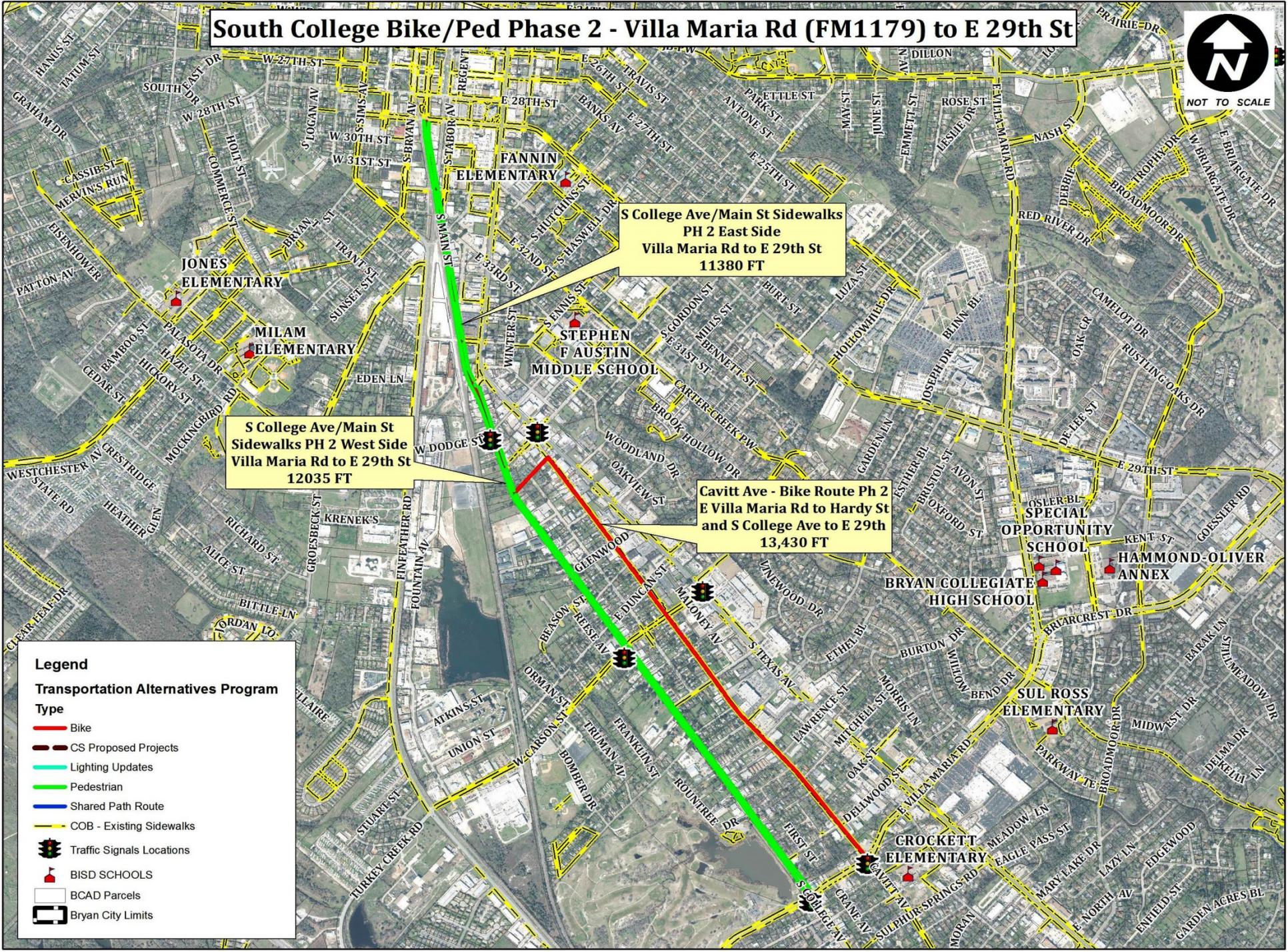


- Estimated cost of project
 - Total construction - \$2,737,498
 - TXDOT Admin Cost - \$357,065
 - Net Construction Cost - \$2,380,433
 - Eligible Federal Match 70% - \$1,666,303
 - Local Match 30% - \$714,130
 - Local match for TXDOT Admin (30%) - \$107,119
 - Total Local match - \$821,249

South College Bike/Ped Ph2

- From Villa Maria (FM1179) to Downtown Bryan (29th Street)
- Bike route designated on Cavitt Avenue with signage from Villa Maria to Hardy Street, then on Hardy St to S. College
- Bike Lanes on S. College from Hardy Street to 29th Street
- Pedestrian sidewalks (6 ft) will be constructed on both sides of S. College within existing right of way
- Estimated cost of project
 - Total construction - \$3,399,044
 - TXDOT Admin Cost - \$443,354
 - Net Construction Cost - \$2,955,691
 - Eligible Federal Match 80% - \$2,364,553
 - Local Match 20% - \$591,138
 - Local match for TXDOT Admin (20%) - \$88,671
 - Total Local match - \$679,809

South College Bike/Ped Phase 2 - Villa Maria Rd (FM1179) to E 29th St



S College Ave/Main St Sidewalks PH 2 East Side
 Villa Maria Rd to E 29th St
 11380 FT

S College Ave/Main St Sidewalks PH 2 West Side
 Villa Maria Rd to E 29th St
 12035 FT

Cavitt Ave - Bike Route Ph 2
 E Villa Maria Rd to Hardy St
 and S College Ave to E 29th
 13,430 FT

Legend

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- BCAD Parcels
- Bryan City Limits

Project Priority for Submittal

1. South College Phase 1 – *
2. East 29th Street / Tarrow Street - *
3. FM158 Safety Lighting
4. Safe Routes to School
5. South College Phase 2

* - Regional Bike Ped Advisory Panel Recommendation

Direction Needed:

1. Ranking of Priority
2. 30% vs. 20% local match

QUESTIONS

