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.

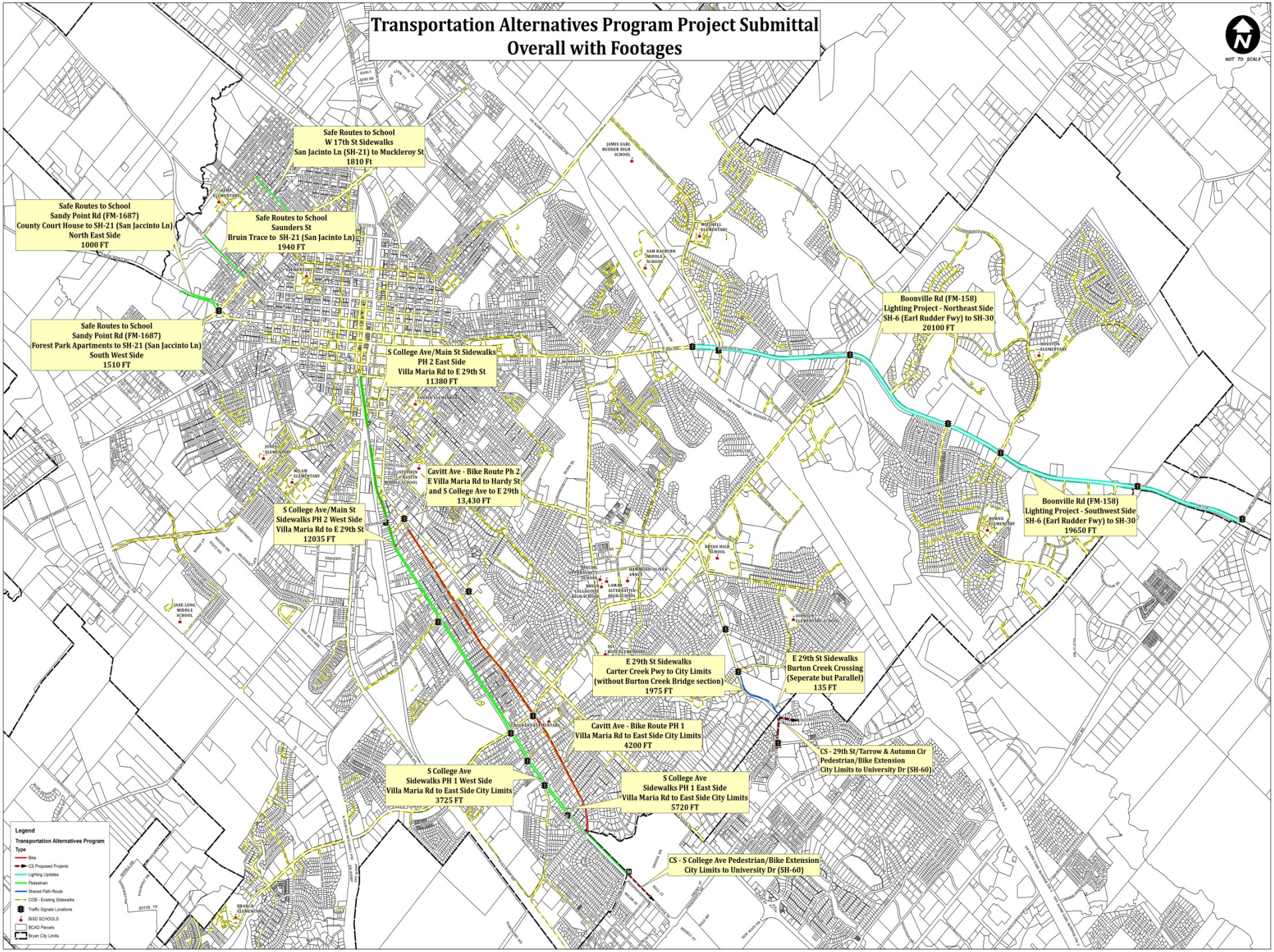
Gave recommendation to rank the South College Ph 1 project as #1 and E. 29th/Tarrow as #2 for each City's submittal package.

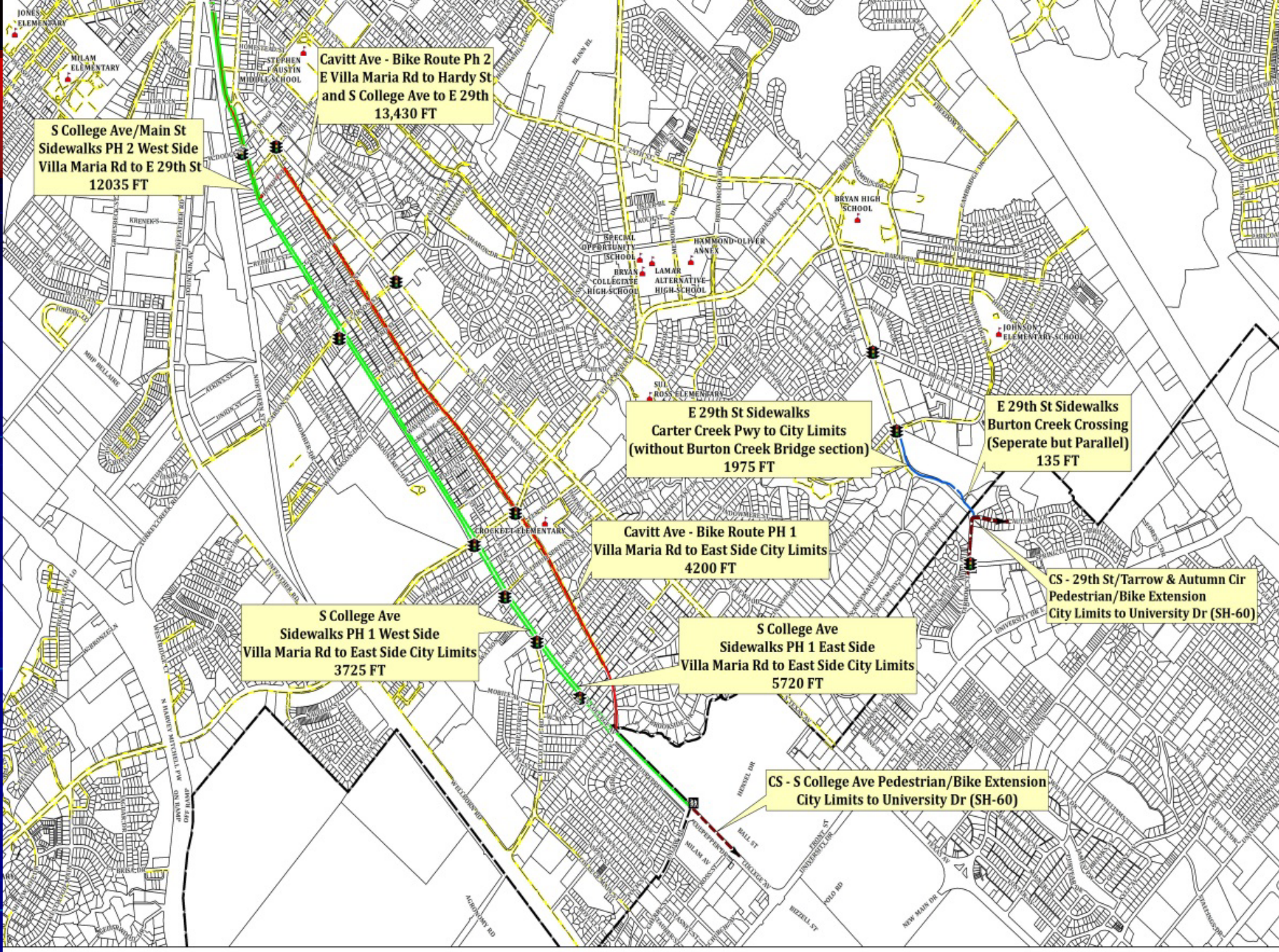
Bryan TAP Projects

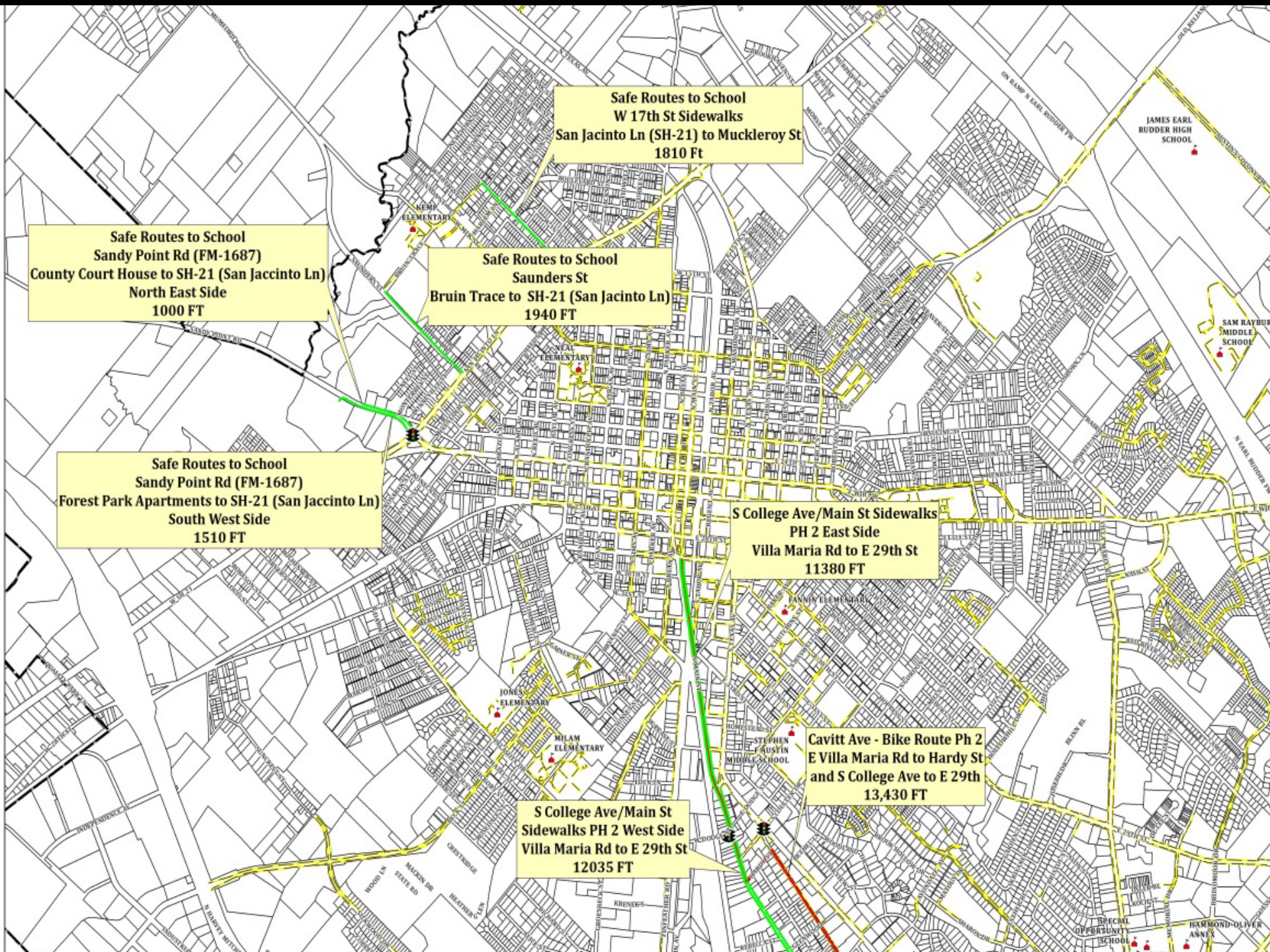
1. South College Phase 1 – *
2. East 29th Street / Tarrow Street - *
3. FM158 Safety Lighting
4. Safe Routes to School
5. South College Phase 2

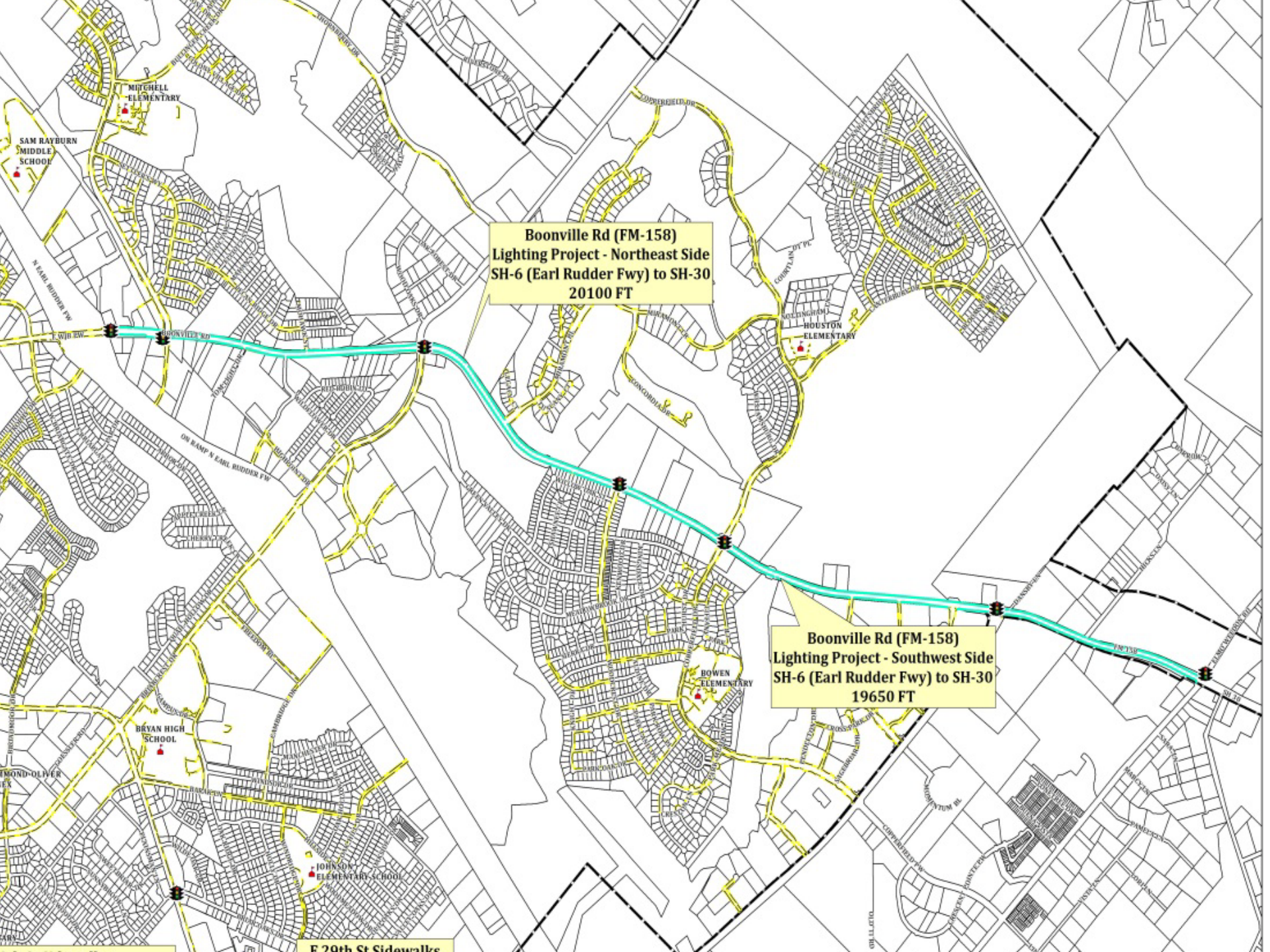
* - Regional Bike Ped Advisory Panel Recommendation

Transportation Alternatives Program Project Submittal
Overall with Footages




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
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)
JONES ELEMENTARY
MILAM ELEMENTARY
STEPHEN F AUSTIN MIDDLE SCHOOL
BRYAN HIGH SCHOOL
SPECIAL OPPORTUNITY SCHOOL
HAMMOND-OLIVER ANNEX
BRYAN COLLEGIATE HIGH SCHOOL
LAMAR ALTERNATIVE HIGH SCHOOL
JOHNSON ELEMENTARY SCHOOL
SUL ROSS ELEMENTARY
CROCKETT ELEMENTARY

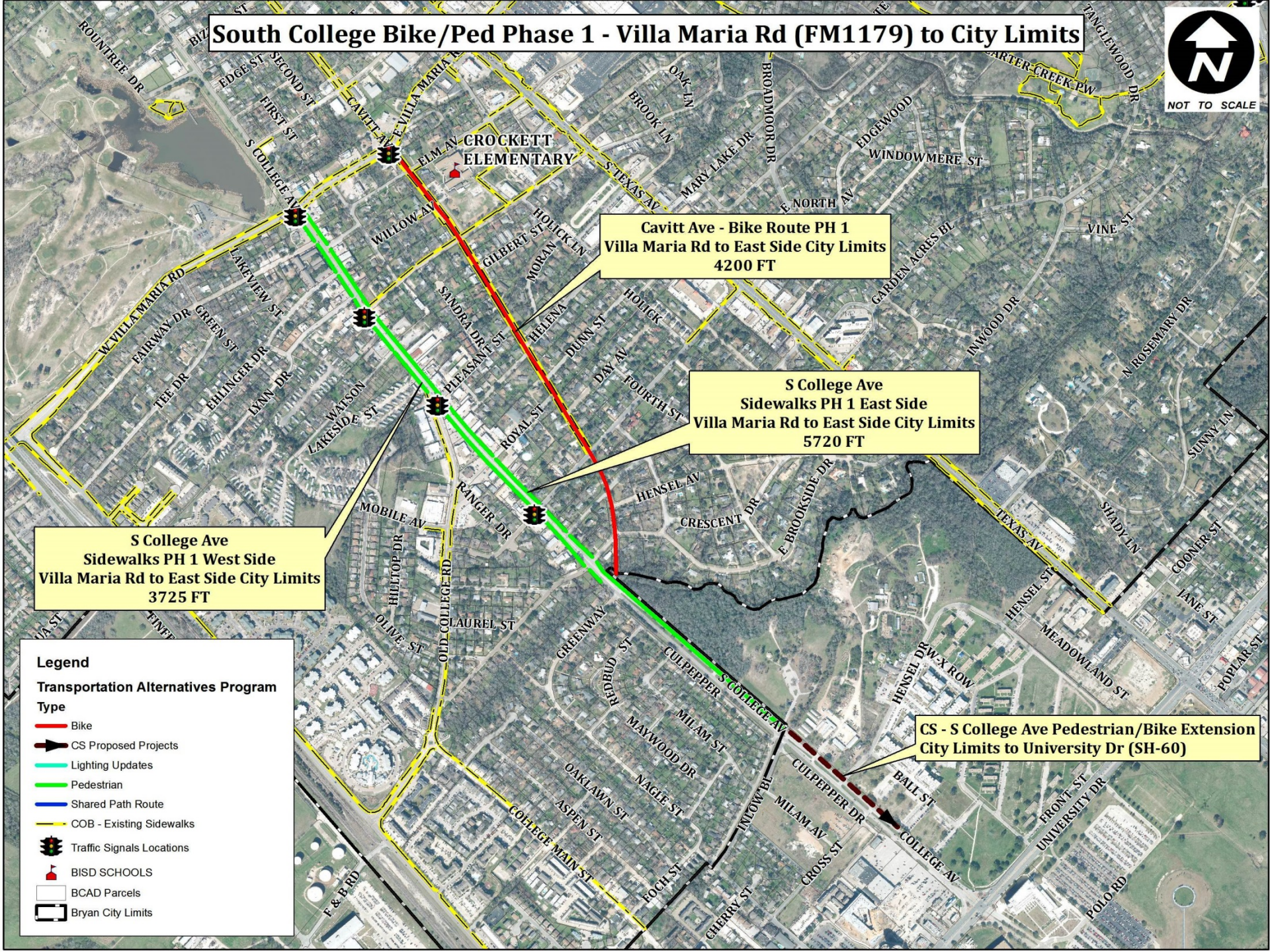

Safe Routes to School
W 17th St Sidewalks
San Jacinto Ln (SH-21) to Muckleroy St
1810 Ft
Safe Routes to School
Sandy Point Rd (FM-1687)
County Court House to SH-21 (San Jaccinto Ln)
North East Side
1000 FT
Safe Routes to School
Saunders St
Bruin Trace to SH-21 (San Jacinto Ln)
1940 FT
Safe Routes to School
Sandy Point Rd (FM-1687)
Forest Park Apartments to SH-21 (San Jaccinto 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
KEMP ELEMENTARY
NEAL ELEMENTARY
JONES ELEMENTARY
MILAM ELEMENTARY
STEPHEN F AUSTIN MIDDLE SCHOOL
JAMES EARL RUDDER HIGH SCHOOL
SAM RAYBURN MIDDLE SCHOOL
SPECIAL OPPORTUNITY SCHOOL
HAMMOND-OLIVER ANNEX


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
MITCHELL ELEMENTARY
SAM RAYBURN MIDDLE SCHOOL
HOUSTON ELEMENTARY
BOWEN ELEMENTARY
BRYAN HIGH SCHOOL
JOHNSON ELEMENTARY SCHOOL
E 29th 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



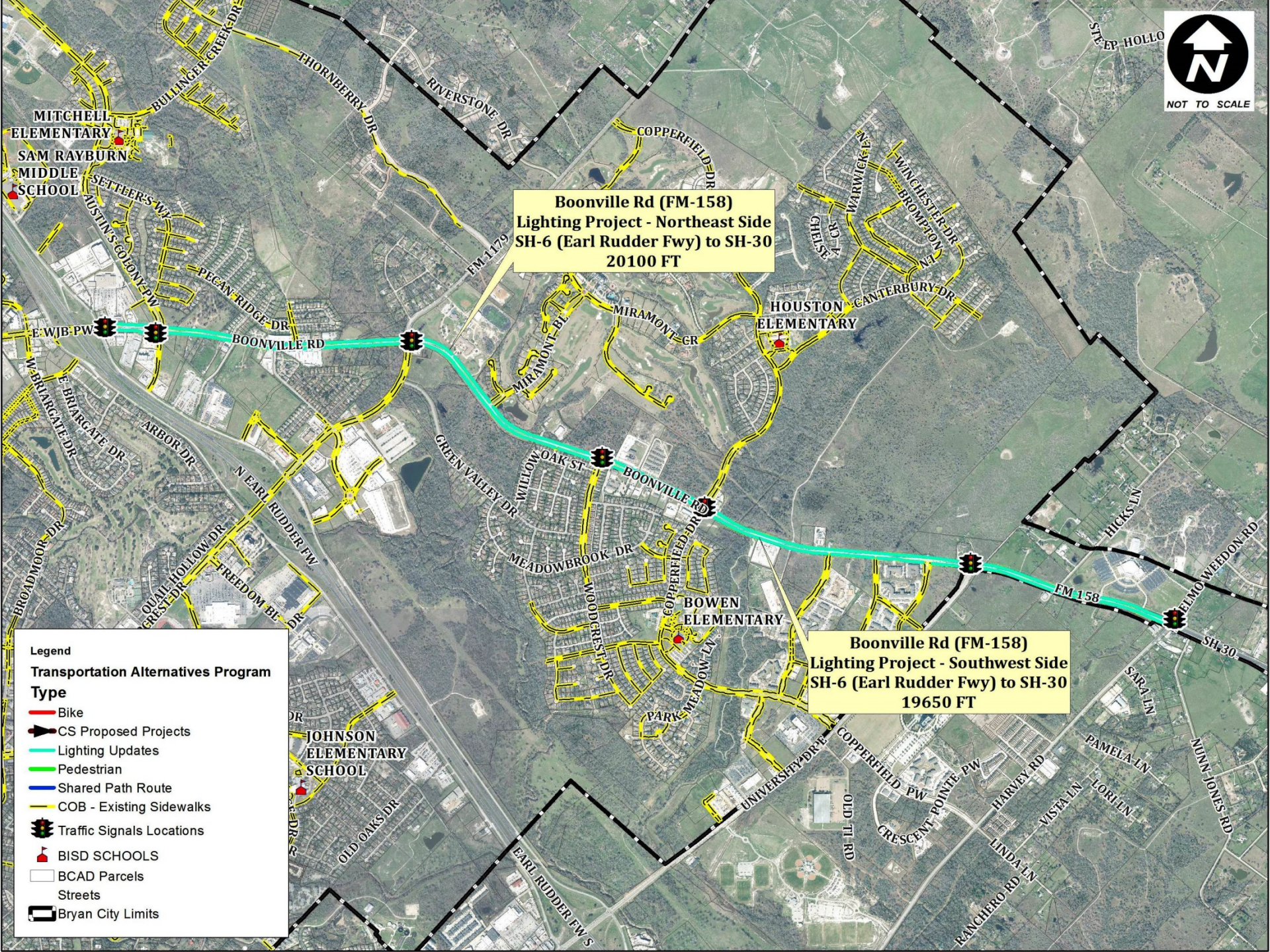
E 29th Street Bike/Ped

- 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
NOT TO SCALE
SUNNYBROOK LN
BRIAR CLIFF DR
GLENN OAKS DR
CARTER CREEK PW
SANDIA PLZ
E 29TH ST
BRIAR OAKS DR
OAK BEND DR
OAK BLUFF CT
OLD OAKS DR
N ROSEMARY DR
S ROSEMARY DR
PARK LN
CHIMNEY HILL CR
TARROW ST
AUTUMN CR
SPRING LO
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 & Autumn 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
BISD 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


NOT TO SCALE
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
MITCHELL ELEMENTARY
SAM RAYBURN MIDDLE SCHOOL
HOUSTON ELEMENTARY
BOWEN ELEMENTARY
JOHNSON ELEMENTARY SCHOOL
BULLINGER CREEK DR
THORNBERRY DR
RIVERSTONE DR
COPPERFIELD DR
STEEPLE HOLLOW
SETTLER'S WY
AUSTIN'S COLONY PW
PECAN RIDGE DR
FM 1179
E WJB PW
BOONVILLE RD
MIRAMONT BL
MIRAMONT GR
WARWICK LN
WINCHESTER DR
BROMPTON LN
CHELSEA CR
CANTERBURY DR
W BRIARGATE DR
E BRIARGATE DR
ARBOR DR
N EARL RUDDER FW
GREEN VALLEY DR
WILLOW OAK ST
MEADOWBROOK DR
WOODCREST DR
BROADMOOR DR
QUAIL HOLLOW DR
FREEDOM BL DR
PARK MEADOW LN
UNIVERSITY DR E
COPPERFIELD PW
CRESCENT POINTE PW
HARVEY RD
OLD TI RD
OLD OAKS DR
EARL RUDDER FW S
HICKS LN
ELMO WEEDON RD
FM 158
SH 30
SARA LN
PAMELA LN
NUNN JONES RD
VISTA LN
LORI LN
LINDA LN
RANCHERO RD
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

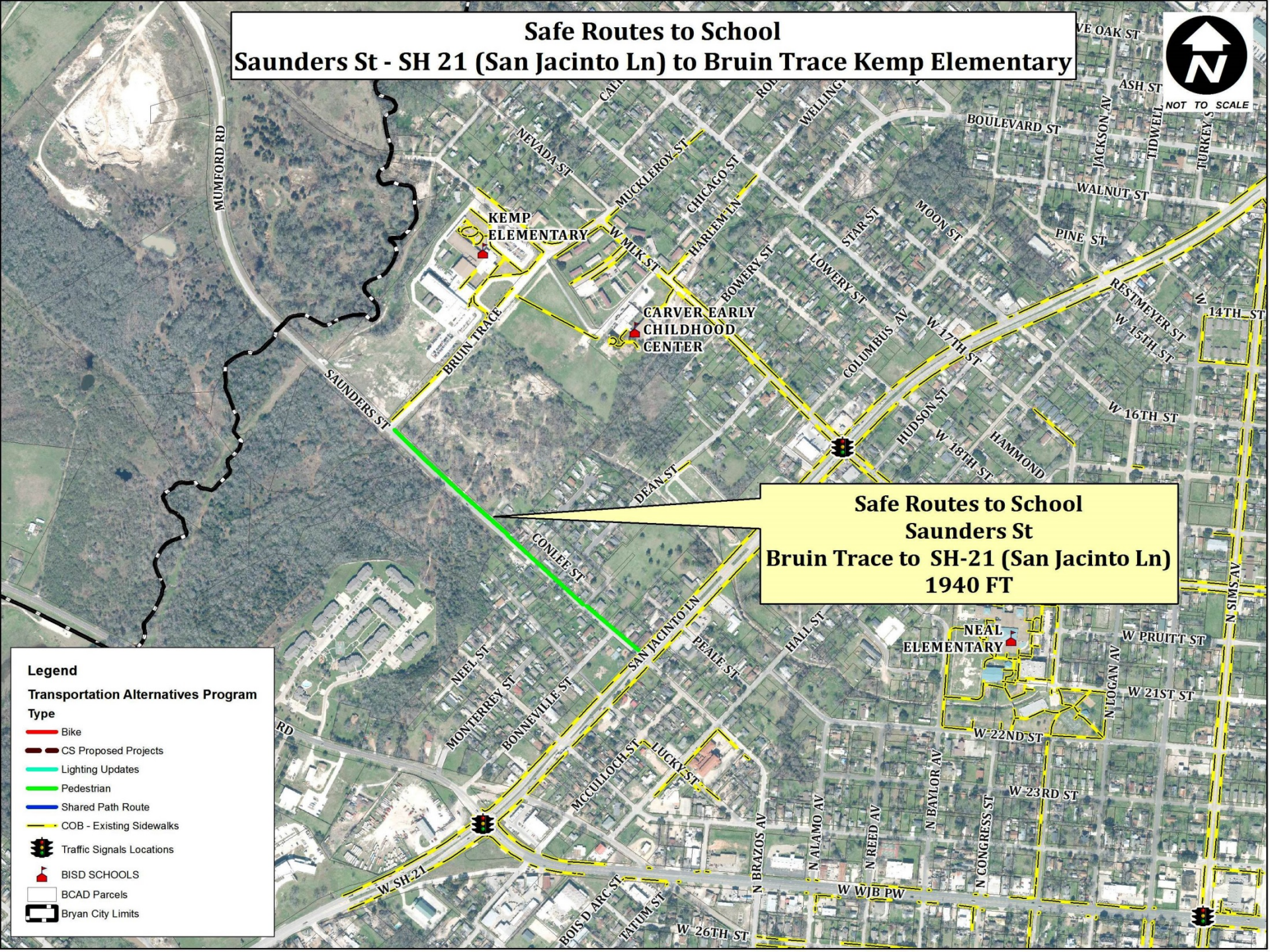
- From State Highway 21 (San Jacinto) to Muckleroy Street
- 6 ft wide sidewalks along western side of W. 17th Street
- Connect existing sidewalks on SH 21 with those recently constructed by City of Bryan on Muckleroy that safely move kids to the local elementary school – Kemp Elementary
- Project will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

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

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

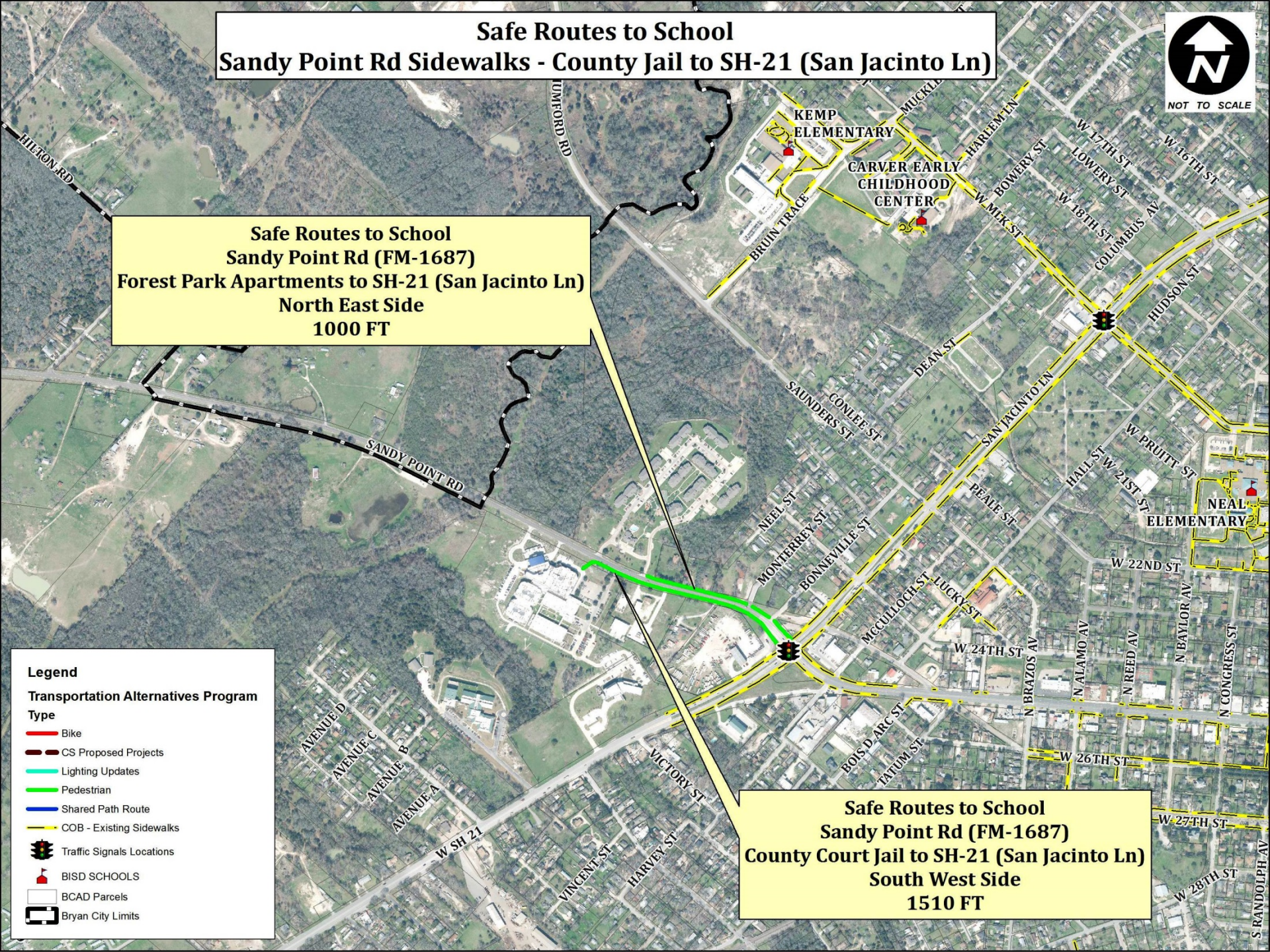
Safe Routes to School
Saunders St - SH 21 (San Jacinto Ln) to Bruin Trace Kemp Elementary



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)



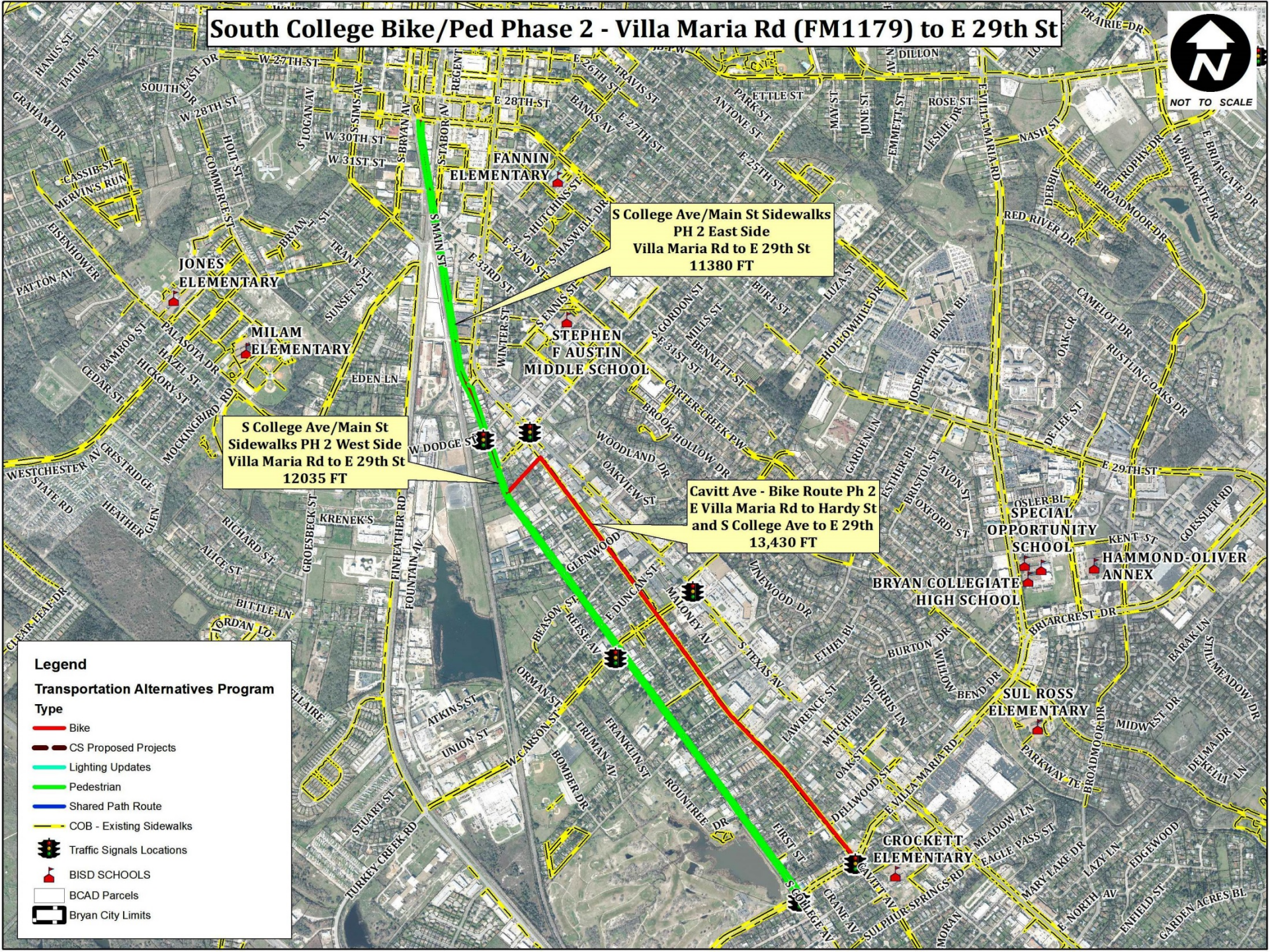
Safe Routes to School

- 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



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

?