

Kirksville Crosswalk Study

2023 MoDOT Traffic Engineering Assistance Program (TEAP)



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Structural



Transportation

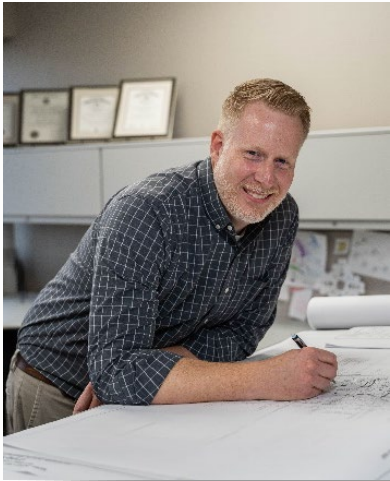


Civil



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PROJECT TEAM



Wes Bolton, PE, ACTAR

- Project Manager
- 20 Years Experience
- MS in Transportation
- Safety Specialist

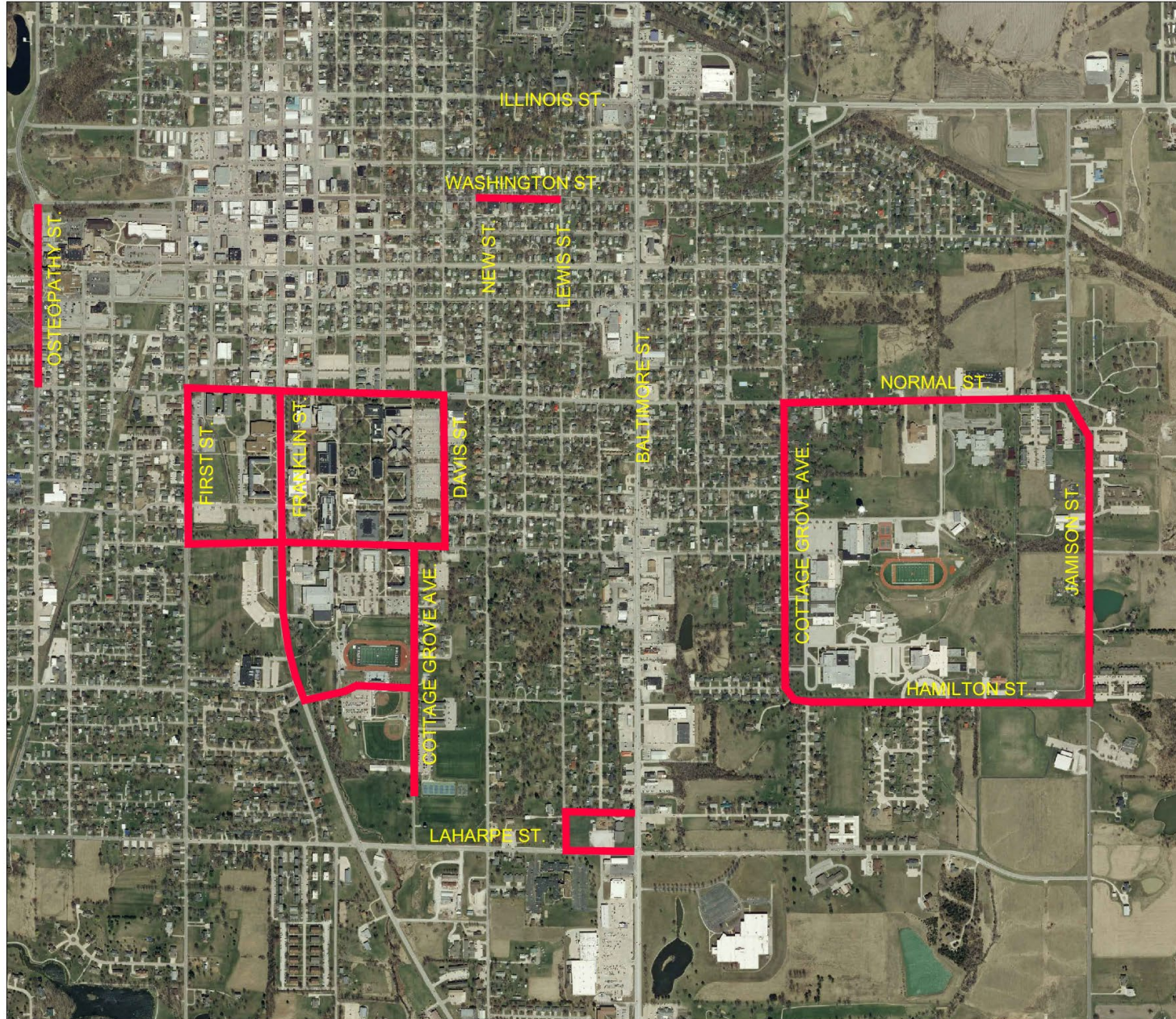


Brian Harrington, PE, PTOE

- Project Engineer
- 30 Years Experience
- MS in Transportation
- Operations Specialist



CROSS WALK STUDY LOCATION MAP



PROJECT CORRIDOR



PROJECT APPROACH

- Establish Existing Conditions
 - Discussions with staff and stakeholders
 - Desktop Research





PROJECT APPROACH

- Establish Existing Conditions
 - Discussions with staff and stakeholders
 - Desktop Research
 - Field Observation







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PROJECT APPROACH

- Establish Existing Conditions
 - Discussions with staff and stakeholders
 - Desktop Research
 - Field Observation
 - Traffic Volume Maps
 - Crash Reports
 - Speed Data



PROJECT APPROACH

- Review Data
 - Volumes
 - Speed
 - Crash History
 - Striping/Signage Compliance
 - ADA Compliance
 - Existing Signalization



Truman State University (Northwest)

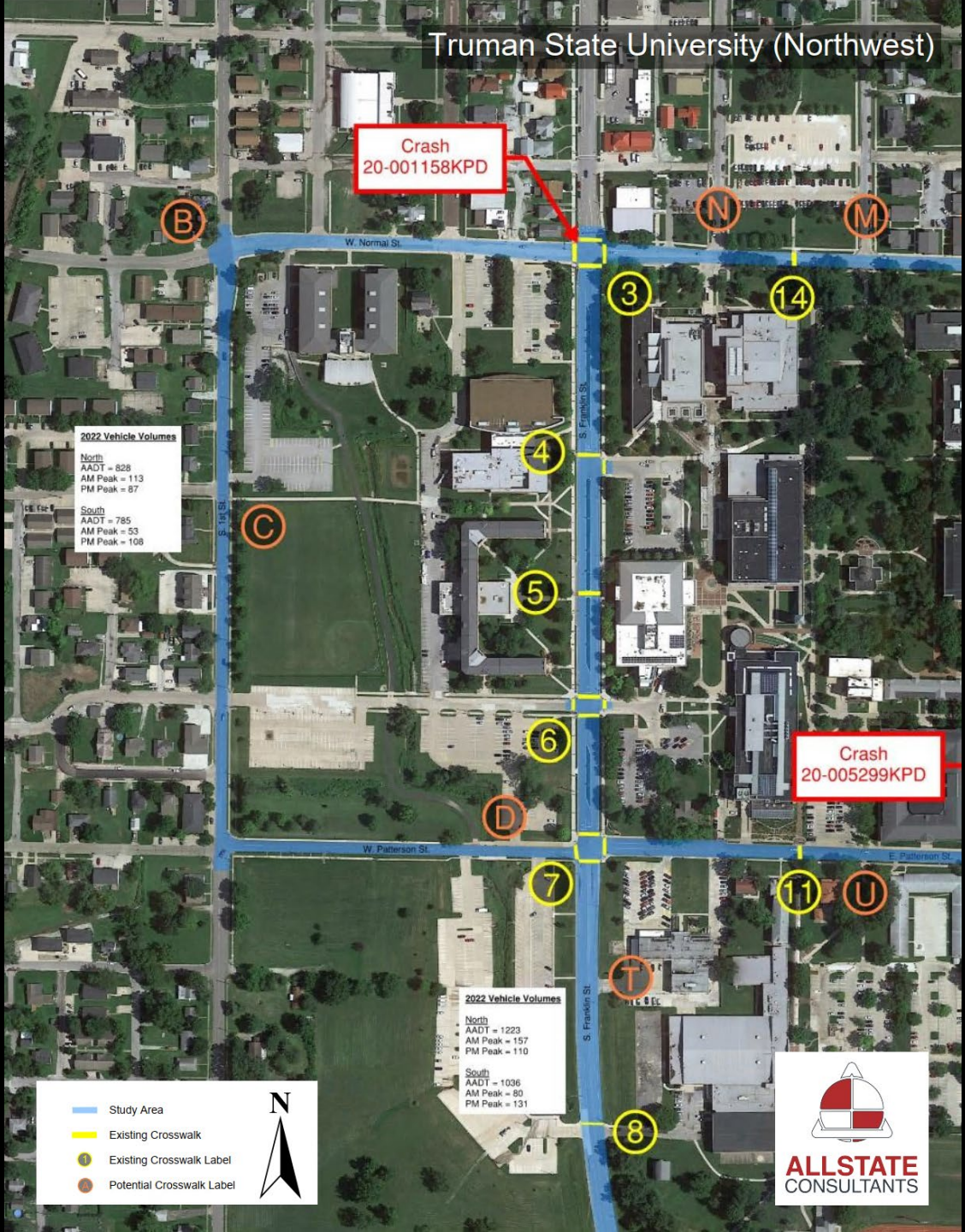
Crash
20-001158KPD

Crash
20-005299KPD

2022 Vehicle Volumes
North
AADT = 828
AM Peak = 113
PM Peak = 87
South
AADT = 785
AM Peak = 53
PM Peak = 108

2022 Vehicle Volumes
North
AADT = 1223
AM Peak = 157
PM Peak = 110
South
AADT = 1036
AM Peak = 80
PM Peak = 131

Study Area
Existing Crosswalk
Existing Crosswalk Label
Potential Crosswalk Label



PROJECT APPROACH

- Report
 - Existing Crosswalk Locations (1 - 20)
 - Potential Crosswalk Locations (A – U)
 - Existing Conditions/Observations/Recommendations



RECOMMENDED IMPROVEMENTS

- Maintenance/Detectable Warnings/Vertical Barriers





RECOMMENDED IMPROVEMENTS

- Maintenance/Detectable Warnings/Vertical Barriers
- Improvements – Recommended













RECOMMENDED IMPROVEMENTS

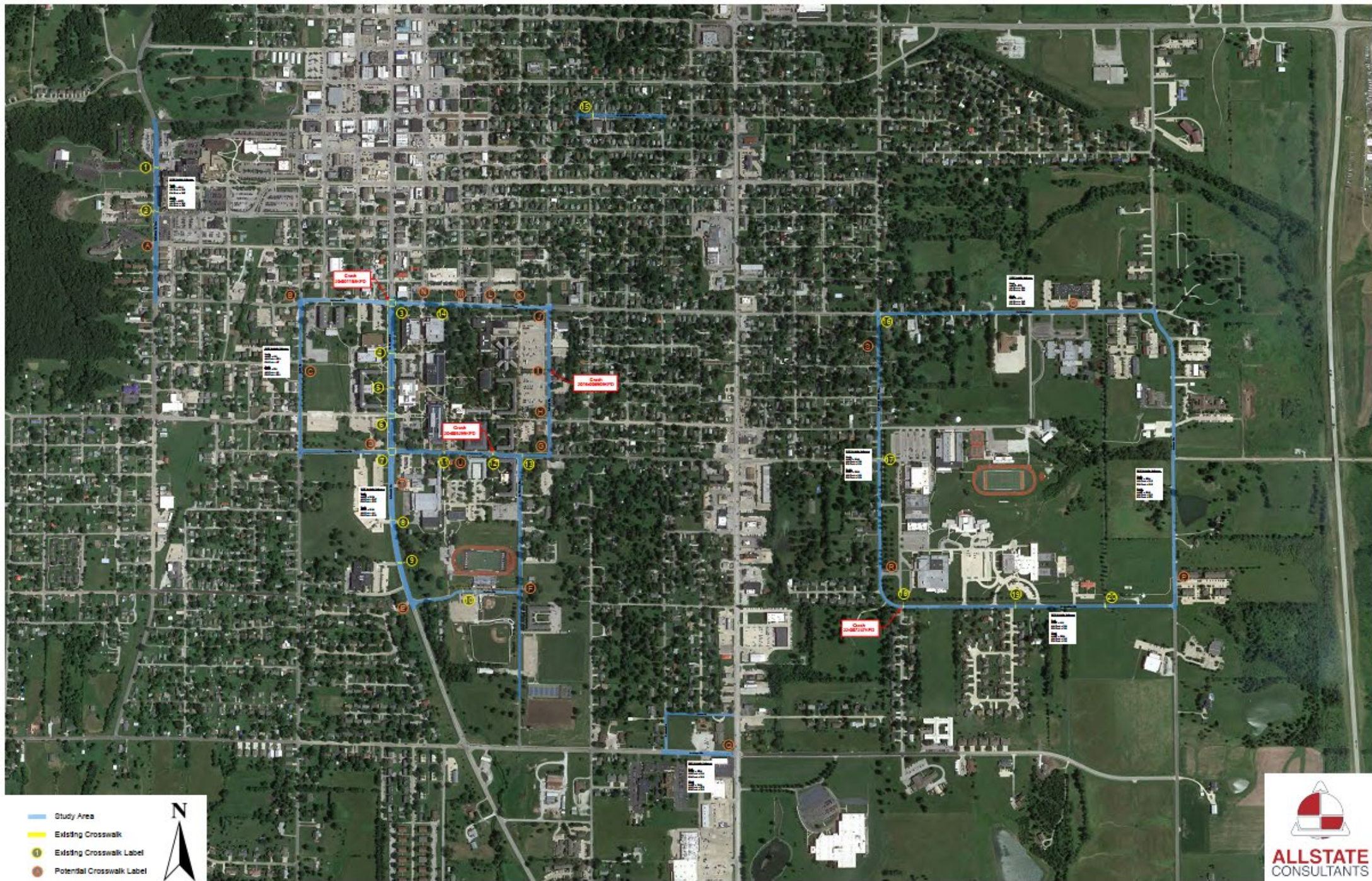
- Maintenance/Detectable Warnings/Vertical Barriers
- Improvements – Recommended
- Improvements – Additional



NEXT STEPS

- MoDOT Transportation Assistance Program (TAP) Grant Application





- Study Area
- Existing Crosswalk
- Existing Crosswalk Label
- Potential Crosswalk Label



