

1. Train Platform Presentation

Documents:

[YPSI AMTRAK CITY COUNCIL MTG_FINAL.PDF](#)

FEASIBILITY STUDY – YPSILANTI AMTRAK PLATFORM

PREPARED BY BERGMANN ASSOCIATES AND OHM ADVISORS
FOR THE CITY OF YPSILANTI



PROJECT BACKGROUND

- 1982, AMTRAK SCHEDULED STOP IN YPSILANTI (DEPOT TOWN) ENDS
- 2013, AMTRAK DEVELOPS A “ROUTE & SERVICE FINANCIAL EVALUATION” FOR A NEW STOP ON THE WOLVERINE SERVICE IN YPSILANTI SHOWING INCREASE IN PASSENGER RIDERSHIP AND REVENUE
- 2015, AMTRAK UPDATES THEIR “ROUTE & SERVICE FINANCIAL EVALUATION” FOR A NEW STOP ON THE WOLVERINE SERVICE IN YPSILANTI SHOWING INCREASE IN PASSENGER RIDERSHIP AND REVENUE
- 2015, YPSILANTI BEGAN DEVELOPMENT OF A FEASIBILITY STUDY TO ADD A NEW STOP ON THE WOLVERINE SERVICE
- 2016, A PUBLIC ANNOUNCEMENT IS MADE THAT A NEW AMTRAK STOP IS BEING STUDIED (03/11/16)
- 2016, FEASIBILITY STUDY DEVELOPMENT IS PUT ON HOLD
- 2018, FEASIBILITY STUDY IS REAUTHORIZED TO PROCEED



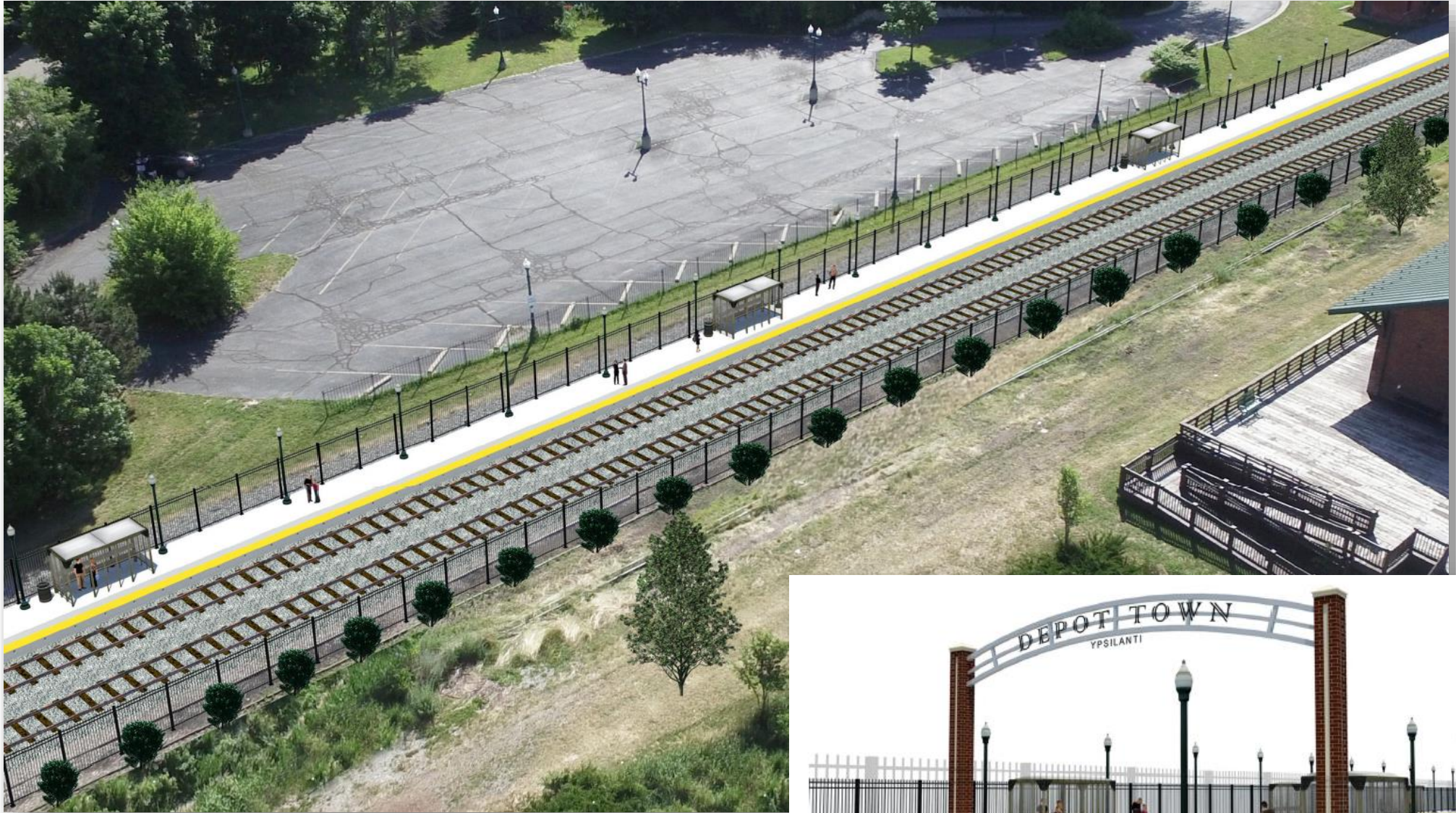
PROJECT GOALS / OBJECTIVES

- EVALUATE POTENTIAL AMTRAK STOP LOCATIONS WITHIN YPSILANTI
- DEVELOPMENT OF A SAFE AND EFFICIENT STOP LOCATION FOR PASSENGERS
- LIMIT ENVIRONMENTAL, INFRASTRUCTURE AND COMMUNITY IMPACTS
- PLATFORM LENGTH 500 FT MINIMUM ON TANGENT TRACK
- EVALUATION OF RIGHT-OF-WAY IMPACTS
- PARKING AND “KISS AND RIDE” AVAILABILITY
- NON-MOTORIZED ACCESSIBILITY
- BUS SERVICE AND ACCESSIBILITY
- LOCATION OF EXISTING COMMERCIAL BUILDINGS AND CRITICAL UTILITIES

The map displays the City of Ypsilanti, Michigan, with the Huron River flowing through it. Key locations include Eastern Michigan University, Ford Motor Company, and Highland Cemetery. Two specific sites are highlighted with orange boxes and stars: the LeForge Rd Site and the Depot Town Site. The map also shows the MDOT Amtrak Railroad and various streets, including W Clark Rd, Gregory St, Cornell Rd, Lowell St, N Washington St, N Congress St, S Congress St, S Huron St, S Hamilton St, S Monroe St, S Madison St, S Jefferson St, S 2nd St, S 1st St, S Elm St, S Oak St, S Maple St, S Miles St, S E. Cross St, S E. Forest Ave, S E. Grand Ave, S E. Clair Ave, S E. Dearville Blvd, S Sweet Rd, S Holmes St, S Bagley Ave, S Tyle St, S Spring St, S Harriet St, S Hawkins St, S Pearl St, S Grant St, S Sherman St, S W. Cross St, S W. Michigan Ave, S W. Clark Rd, S W. International Dr, S W. Southlawn Ave, S W. Jackson Rd, S W. 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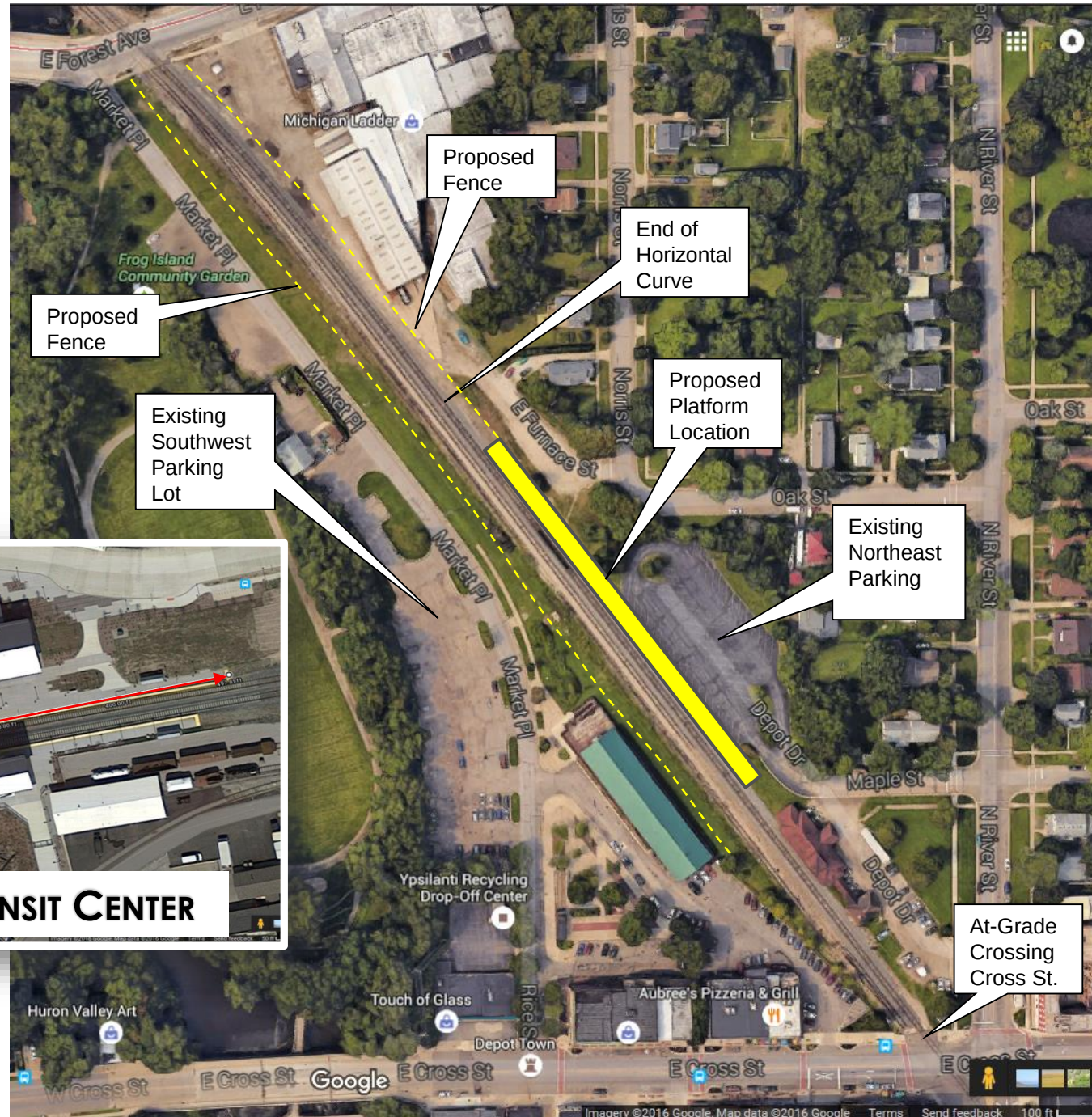
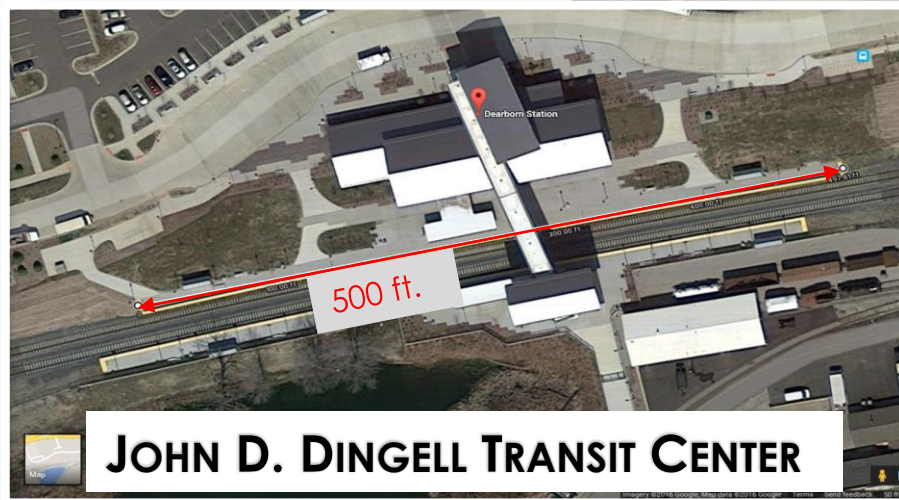


ALTERNATIVE 1



ALTERNATIVE 1

- PEDESTRIAN ACCESS
 - AT-GRADE CROSSINGS AT CROSS ST.
- PLATFORM LOCATION
- PLATFORM LENGTH (500 FT)
 - JOHN D. DINGELL TRANSIT CENTER

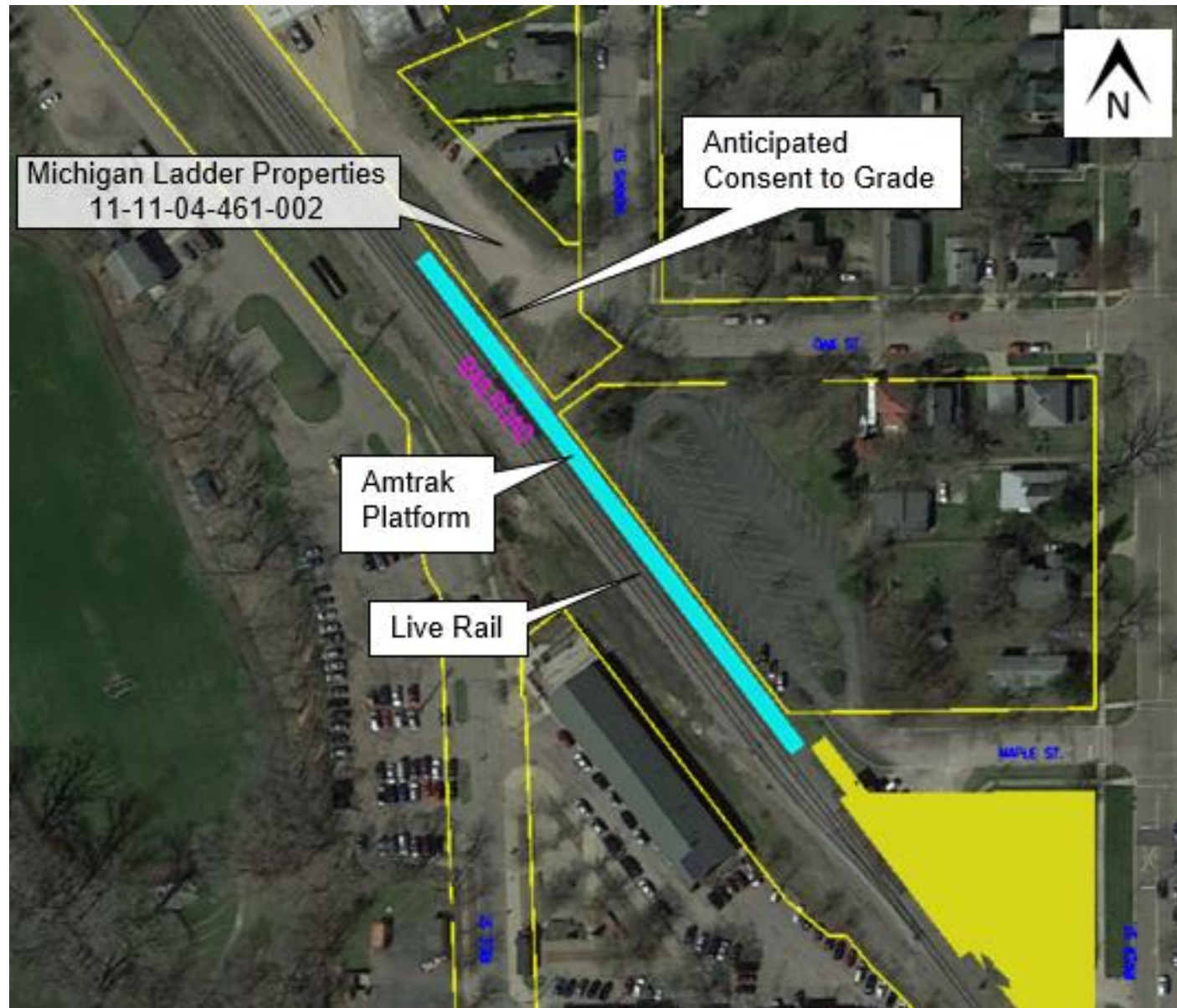


ALTERNATIVE 1

- LEVEL BOARDING (15" PLATFORM HEIGHT FROM TOP OF RAIL (TOR))
- MOVEABLE PLATFORM EDGE
 - MOVEABLE (MANUAL LIFT) EDGE (CONNDOT – ENGINEERED PLASTICS)
 - MOVEABLE (MANUAL LIFT) EDGE (DEARBORN, MI – ENGINEERED PLASTICS)
 - SHUTTLE PLATFORM (ANN ARBOR, MI – RLE PROTOTYPE)



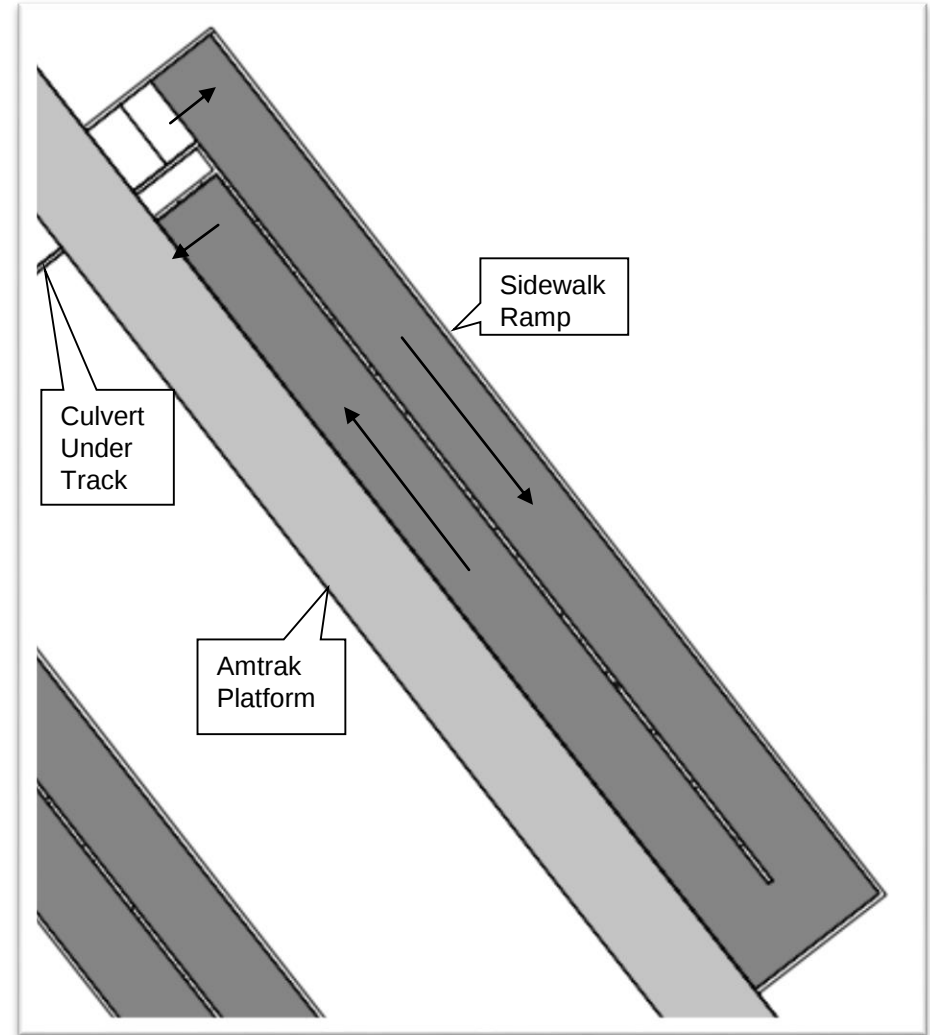
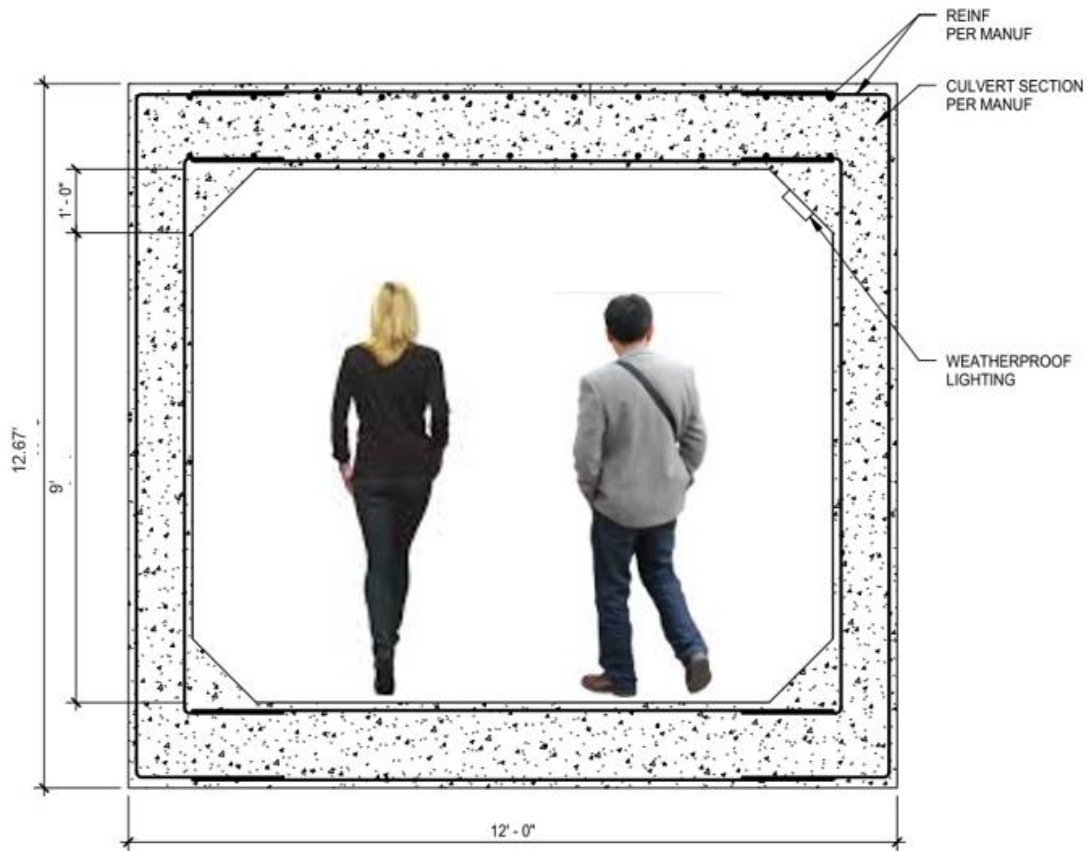
ALTERNATIVE 1 (RIGHT-OF-WAY)



ALTERNATIVE 2



ALTERNATIVE 2



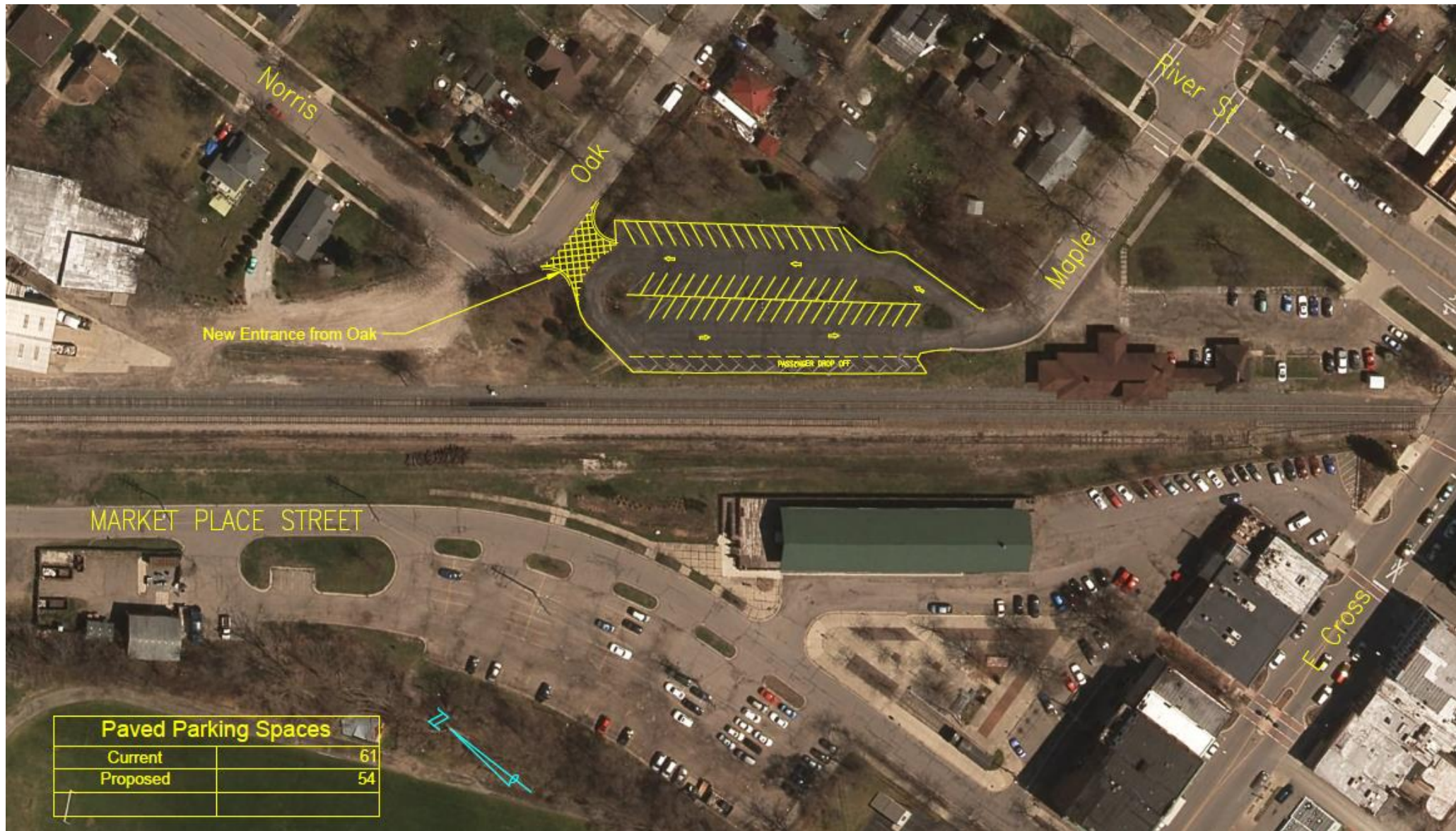
ALTERNATIVE 3A



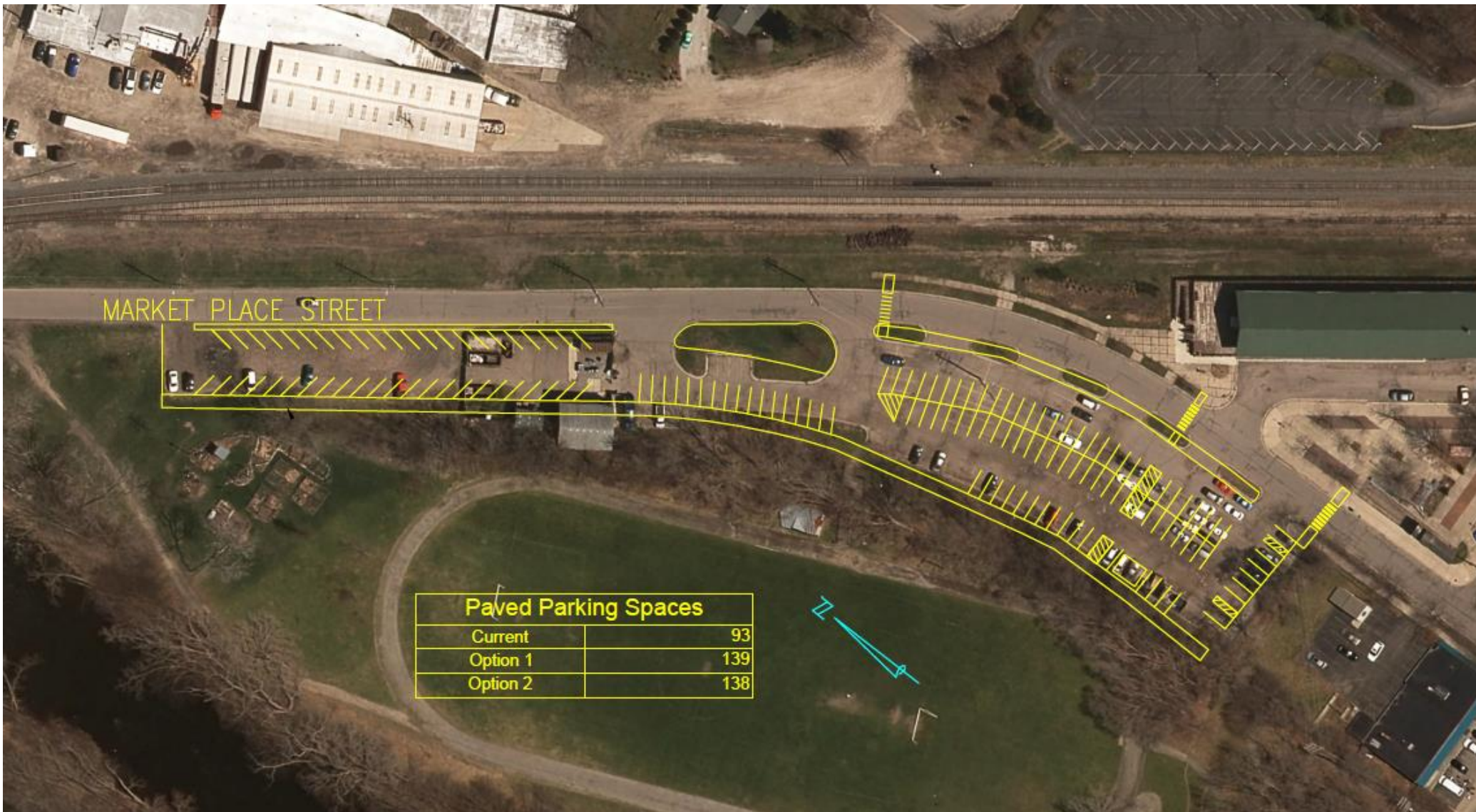
ALTERNATIVE 3B



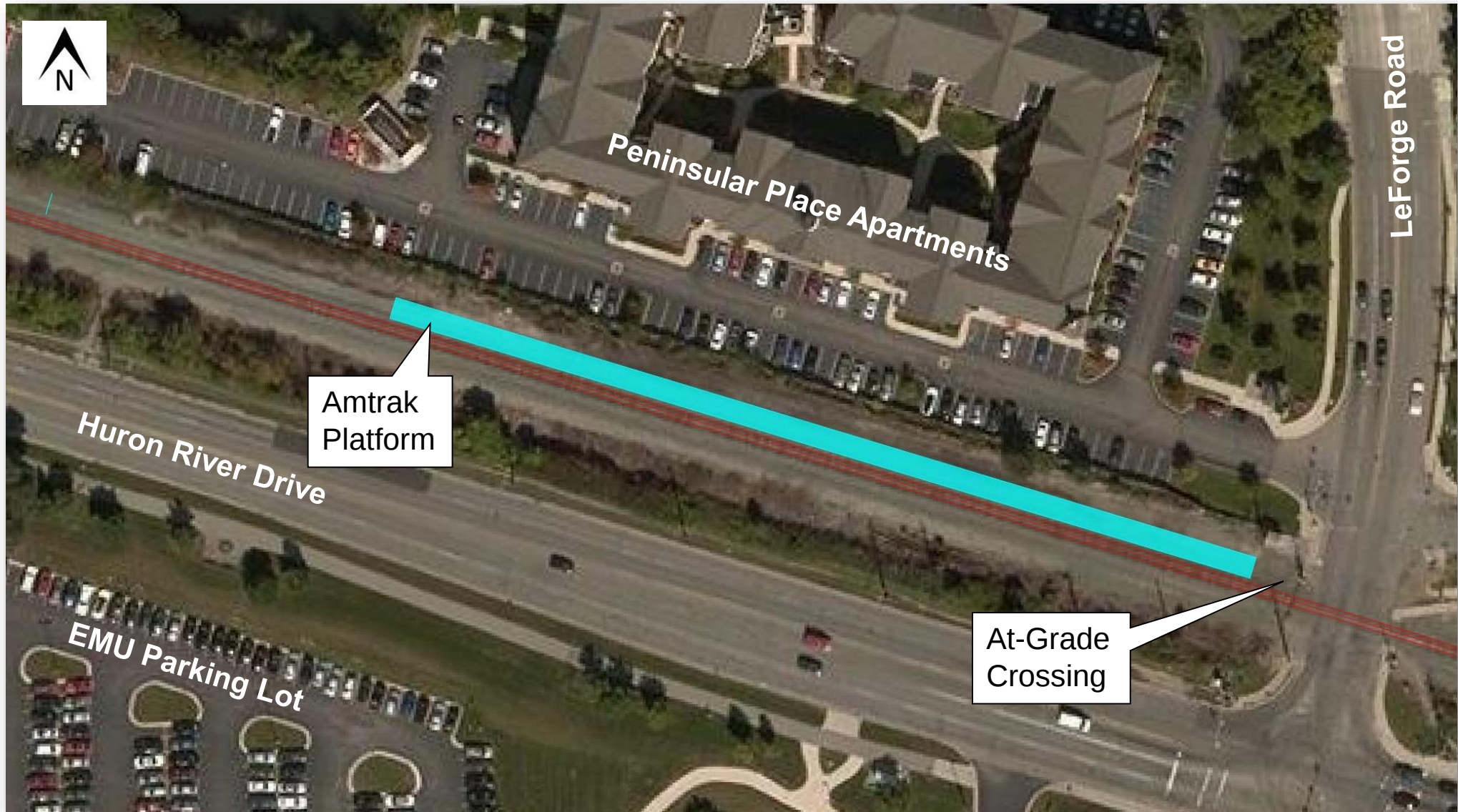
PARKING UPGRADES (EAST LOT)



PARKING UPGRADES (WEST LOT)



ALTERNATIVE 4 (LEFORGE SITE)



ALTERNATIVE 4 (RIGHT-OF-WAY)



PRELIMINARY CONSTRUCTION SCHEDULE

- ALTERNATIVE 1

- PROJECT DESIGN ~280 DAYS (JANUARY 2020 - FEBRUARY 2021)
- BIDDING AND PROCUREMENT ~50 DAYS (FEBRUARY 2021 - APRIL 2021)
- CONSTRUCTION ~65 DAYS (MAY 2021 – AUGUST 2021)

- ALTERNATIVE 3A

- PROJECT DESIGN ~280 DAYS (JANUARY 2020 - FEBRUARY 2021)
- BIDDING AND PROCUREMENT ~50 DAYS (FEBRUARY 2021 - APRIL 2021)
- CONSTRUCTION ~125 DAYS (MAY 2021 – OCTOBER 2021)

- ALTERNATIVE 4 HIGHLIGHTS

- PROJECT DESIGN AND PROCUREMENT ARE ANTICIPATED TO BE SIMILAR TO ALTS 1 & 3A
- RIGHT-OF-WAY PROCUREMENT COULD ADD AN ADDITIONAL YEAR TO THE SCHEDULE PUSHING CONSTRUCTION OUT TO 2022



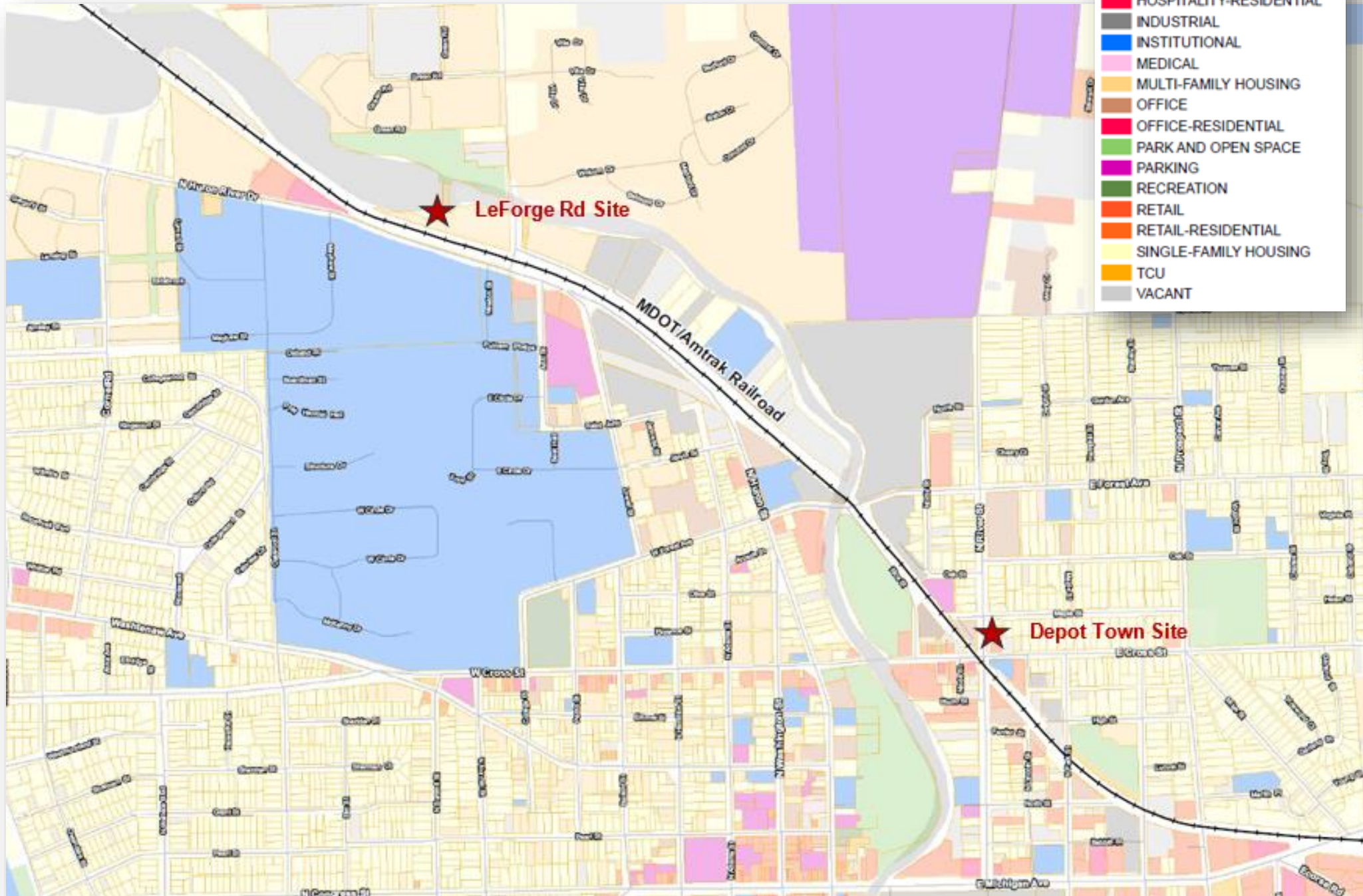
WETLAND / FLOOD ZONES



LAND USE



- Rail Roads
- Parcels
- AGRICULTURAL
- ATTACHED CONDO HOUSING
- CEMETERY
- HOSPITALITY
- HOSPITALITY-RESIDENTIAL
- INDUSTRIAL
- INSTITUTIONAL
- MEDICAL
- MULTI-FAMILY HOUSING
- OFFICE
- OFFICE-RESIDENTIAL
- PARK AND OPEN SPACE
- PARKING
- RECREATION
- RETAIL
- RETAIL-RESIDENTIAL
- SINGLE-FAMILY HOUSING
- TCU
- VACANT



ESTIMATED PROJECT COSTS

Item	Alt 1	Alt 2	Alt 3A	Alt 3B	Alt 4
Schedule Stop Costs ¹	\$981,000	\$2,897,000	\$3,618,000	\$3,548,000	\$1,177,000
Rail Signal Upgrades	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
West/Frog Island Parking	\$800,000	\$800,000	\$800,000	\$800,000	\$0
East Parking	\$100,000	\$100,000	\$100,000	\$100,000	\$0
New LeForge Parking	\$0	\$0	\$0	\$0	\$900,000
Right-of-Way	\$50,000	\$50,000	\$50,000	\$50,000	\$1,000,000
Miscellaneous ²	\$1,681,000	\$3,092,000	\$3,622,000	\$3,571,000	\$1,962,000
TOTAL	\$3,962,000	\$7,289,000	\$8,540,000	\$8,418,000	\$5,389,000

¹ STOP COSTS INCLUDE PLATFORM, TUNNEL, BRIDGE, ELEVATORS, RAMPS, ETC. AS ASSOCIATED WITH THE ALTERNATIVE NOTED.

² INCLUDES COST ESCALATION TO THE 2ND QUARTER OF 2021 (ASSUMED 11 QUARTERS AT 1.25%/QUARTER).



NEXT STEPS

- COMPLETE FEASIBILITY STUDY (COMPLETED BY END OF 2018, BEGINNING OF 2019)
- ENVIRONMENTAL PHASE (6 TO 8 MONTHS ASSUMING CATEGORICAL EXCLUSION (CE))
- FUNDING OPPORTUNITIES (POTENTIAL GRANTS)
- DESIGN PHASE (SCHEDULED DETERMINED BASED ON SITE AND ALTERNATIVE SELECTED)
- CONSTRUCTION – PRELIMINARY SCHEDULES AS PREVIOUSLY NOTED (POSSIBLE FY 2021)

QUESTIONS?

