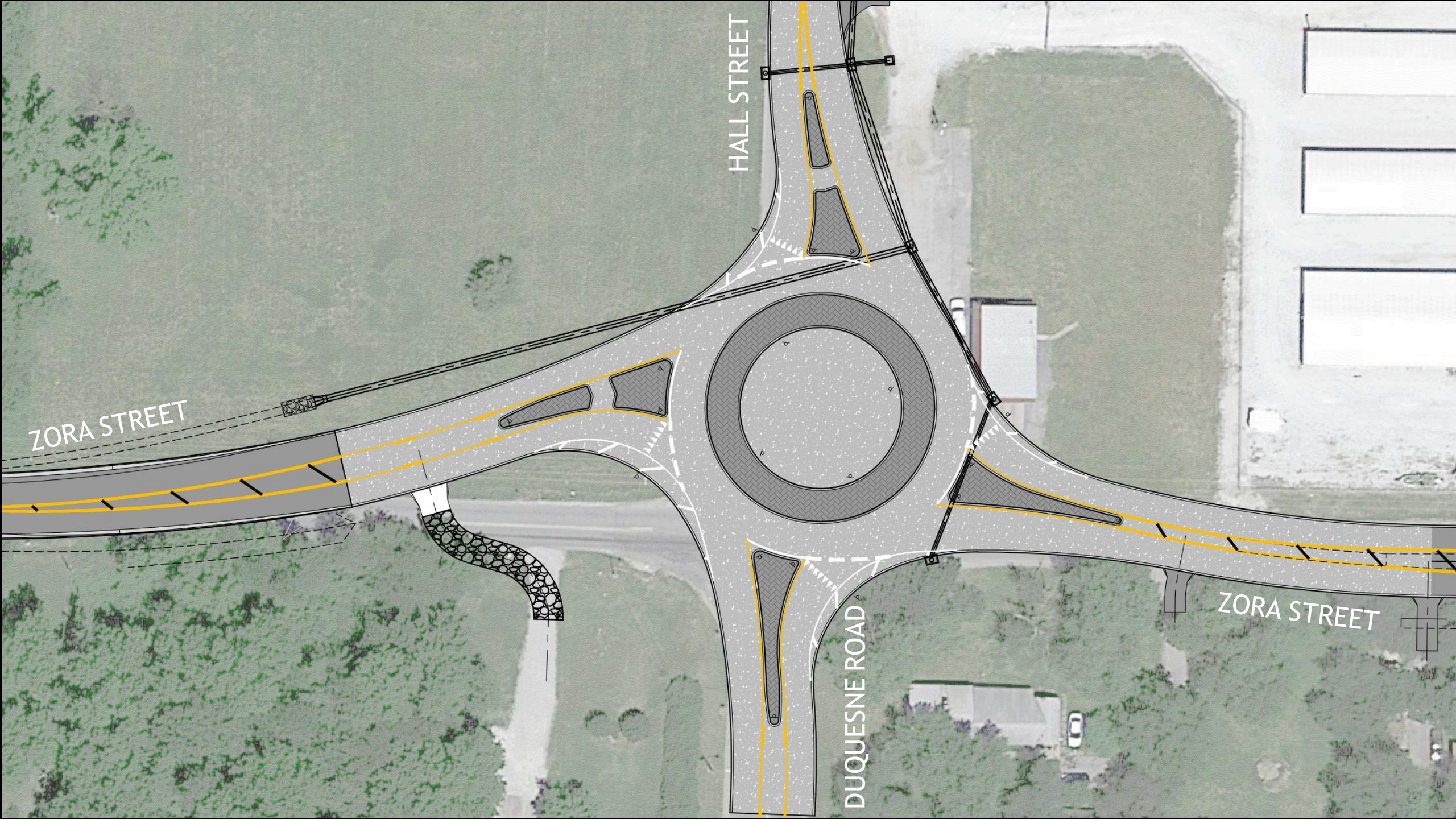
ZORA Improvements

Rangeline Road to Highway 249

Phase 1 – Duquesne Road and Zora Street

- Roundabout Improvements
- Lighting Enhancements
- Stormwater Improvements
- Est. Const. $1.3M
- Est. Const. Summer 2023

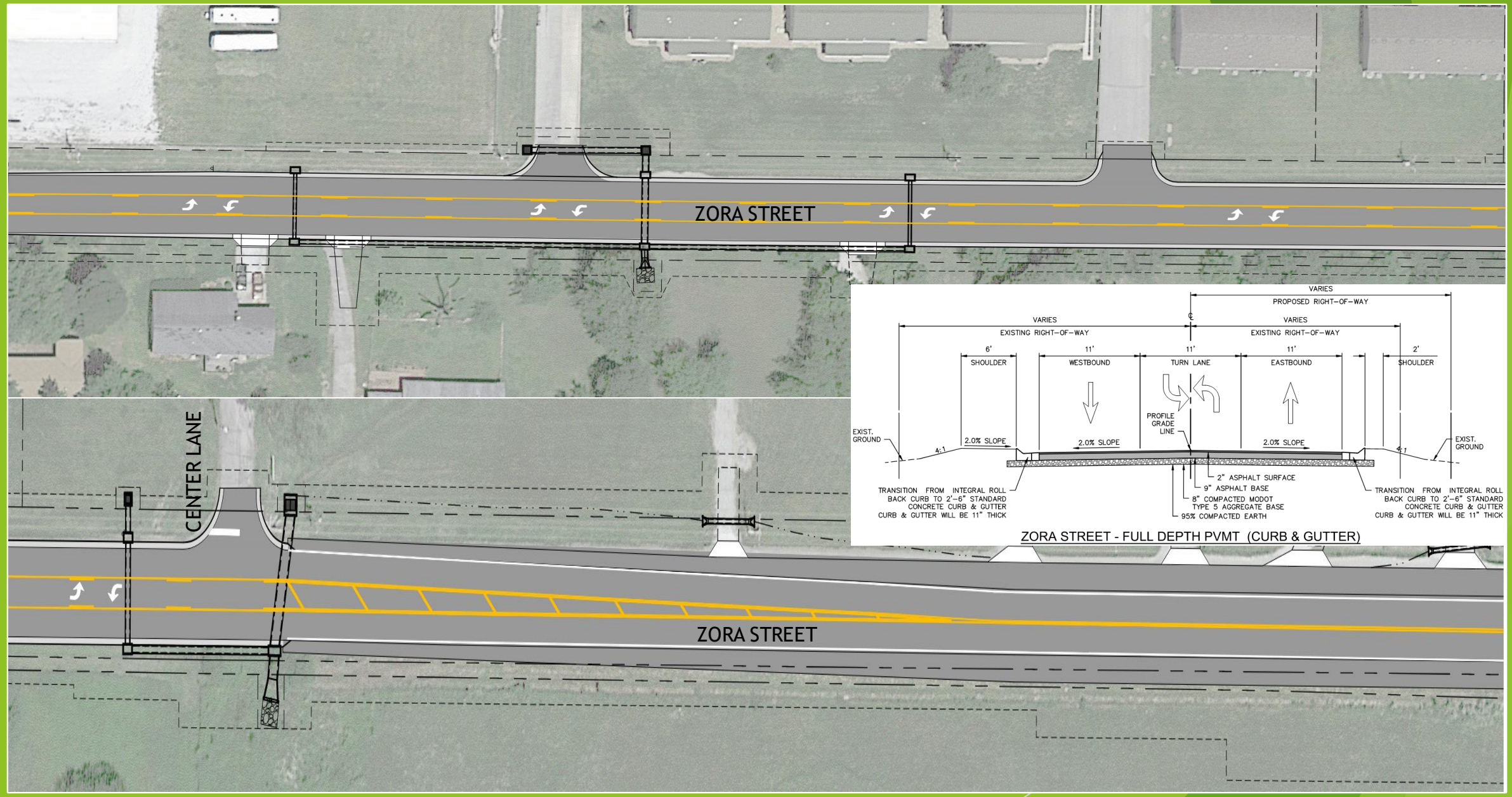



HALL STREET
ZORA STREET
DUQUESNE ROAD
ZORA STREET

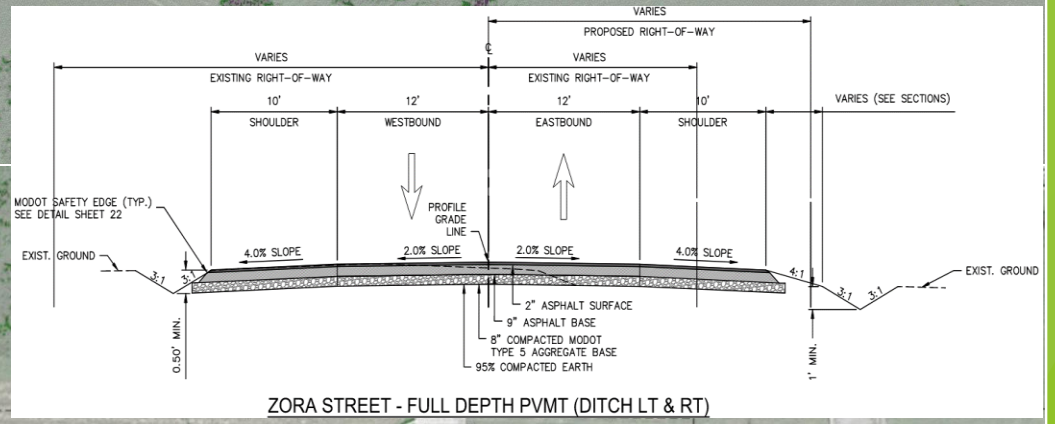


Phase 2 – Duquesne Road to Highway 249

- Three-Lane Curb and Gutter
  - Duquesne Road to Center Lane
- Stormwater Improvements
- Two-Lane with 10’ Shoulders
  - Center Lane to Highway 249
- Est. Const. $3.5M
- Est. Const. Summer 2023

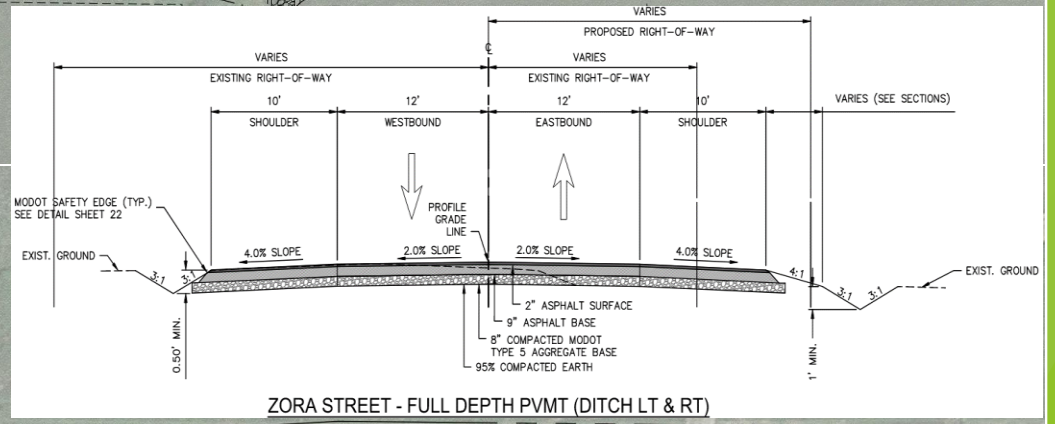

ZORA STREET
CENTER LANE
ZORA STREET
VARIES
PROPOSED RIGHT–OF–WAY
VARIES
EXISTING RIGHT–OF–WAY
VARIES
EXISTING RIGHT–OF–WAY
6'
SHOULDER
11'
WESTBOUND
11'
TURN LANE
11'
EASTBOUND
2'
SHOULDER
PROFILE GRADE LINE
EXIST. GROUND
4:1
2.0% SLOPE
2.0% SLOPE
2.0% SLOPE
4:1
EXIST. GROUND
2" ASPHALT SURFACE
9" ASPHALT BASE
8" COMPACTED MODOT TYPE 5 AGGREGATE BASE
95% COMPACTED EARTH
TRANSITION FROM INTEGRAL ROLL BACK CURB TO 2'–6" STANDARD CONCRETE CURB & GUTTER CURB & GUTTER WILL BE 11" THICK
TRANSITION FROM INTEGRAL ROLL BACK CURB TO 2'–6" STANDARD CONCRETE CURB & GUTTER CURB & GUTTER WILL BE 11" THICK
ZORA STREET - FULL DEPTH PVMT (CURB & GUTTER)





ZORA STREET - FULL DEPTH PVMT (DITCH LT & RT)



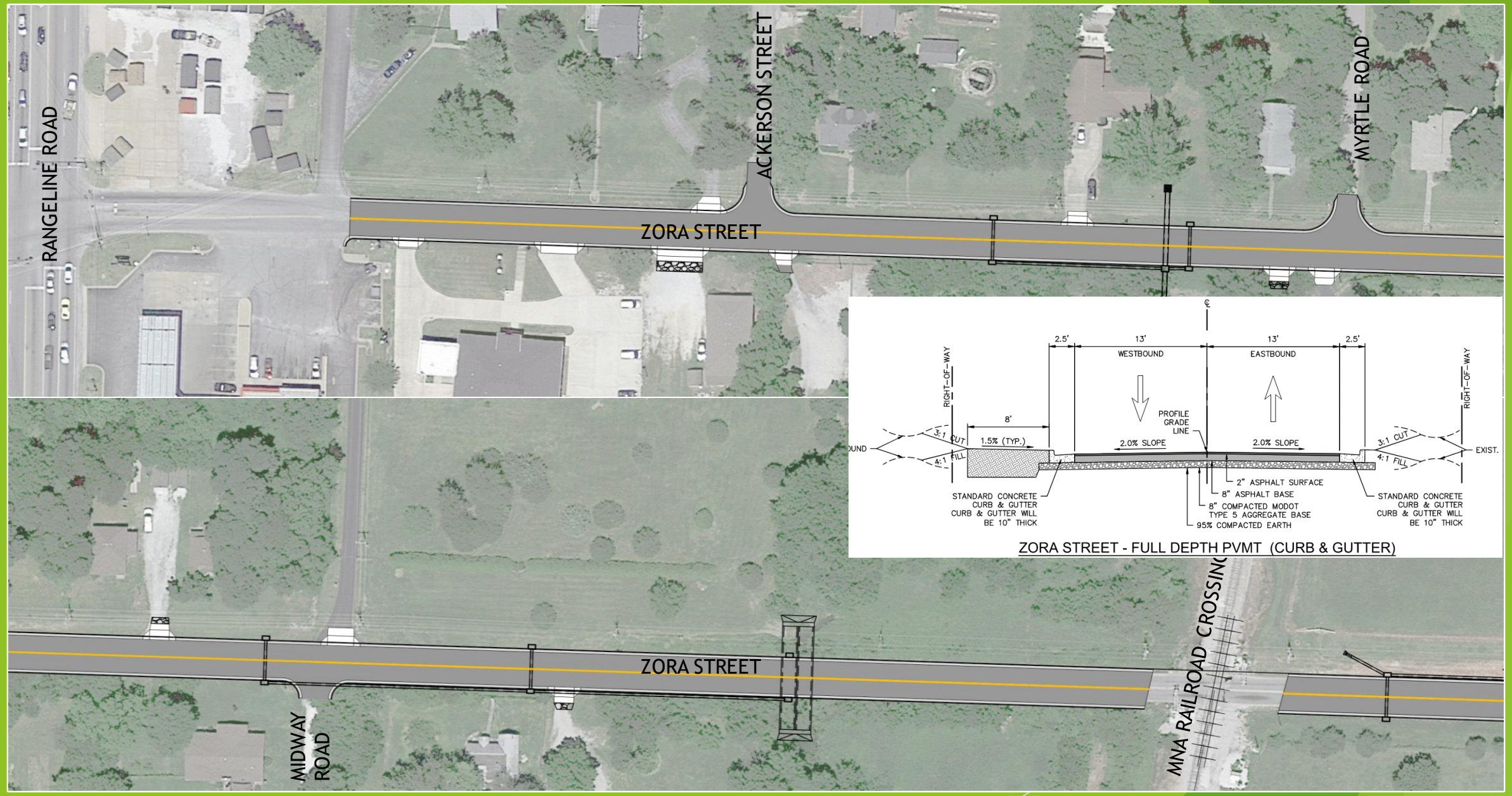


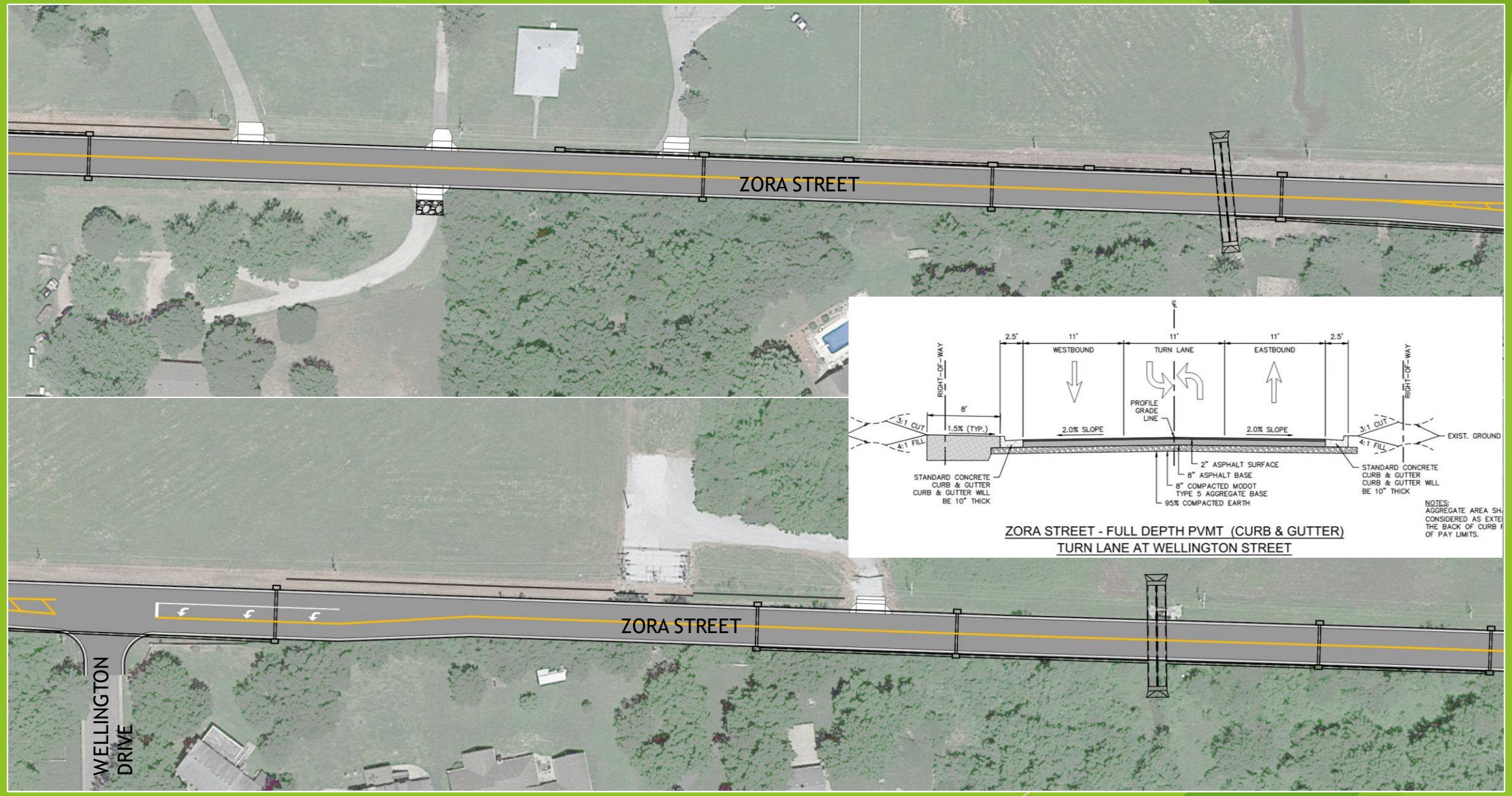
ZORA STREET - FULL DEPTH PVMT (DITCH LT & RT)

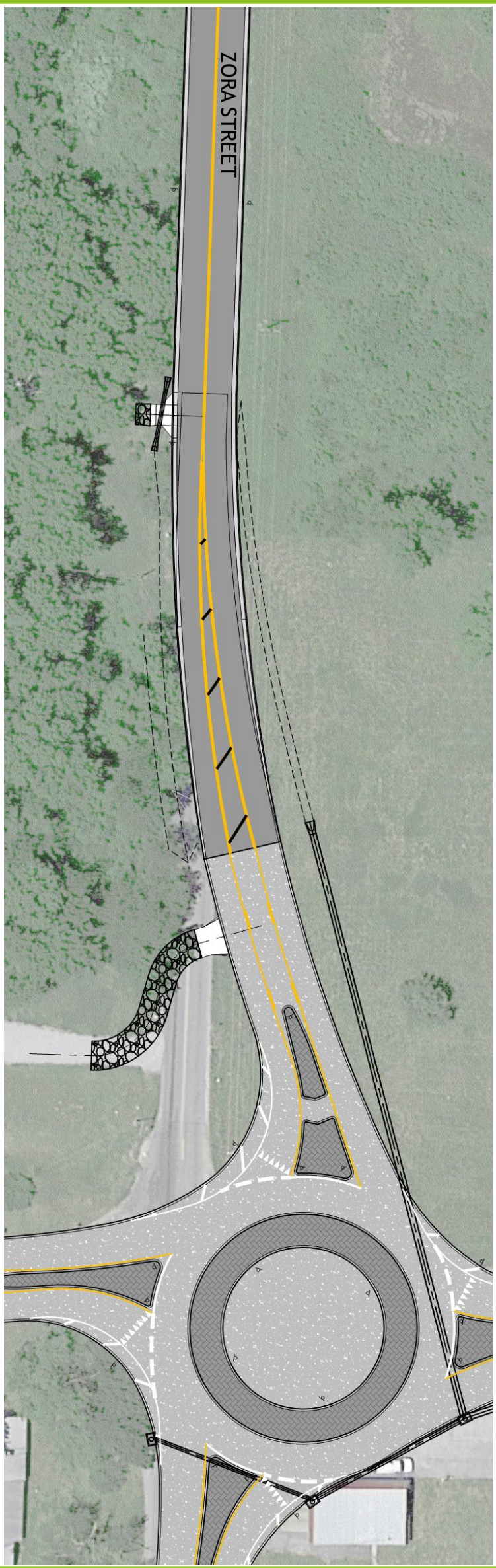
Phase 3 – Rangeline Road to Duquesne Road



- Two-Lane Curb & Gutter
  - Rangeline Road to Duquesne Road
- Stormwater Improvements
- Grading for future sidewalk accommodations
- Est. Const. $3.4M
- Est. Const. Summer 2024


RANGELINE ROAD
ACKERSON STREET
MYRTLE ROAD
ZORA STREET
MIDWAY ROAD
MNA RAILROAD CROSSIN
ZORA STREET - FULL DEPTH PVMT (CURB & GUTTER)
2.5'
13'
WESTBOUND
EASTBOUND
13'
2.5'
RIGHT-OF-WAY
RIGHT-OF-WAY
8'
PROFILE GRADE LINE
3:1 CUT
4:1 FILL
1.5% (TYP.)
2.0% SLOPE
2.0% SLOPE
3:1 CUT
4:1 FILL
EXIST.
2" ASPHALT SURFACE
8" ASPHALT BASE
8" COMPACTED MODOT TYPE 5 AGGREGATE BASE
95% COMPACTED EARTH
STANDARD CONCRETE CURB & GUTTER CURB & GUTTER WILL BE 10" THICK
STANDARD CONCRETE CURB & GUTTER CURB & GUTTER WILL BE 10" THICK


ZORA STREET
ZORA STREET
WELLINGTON DRIVE
RIGHT-OF-WAY
2.5'
11'
WESTBOUND
11'
TURN LANE
11'
EASTBOUND
2.5'
RIGHT-OF-WAY
8'
1.5% (TYP.)
PROFILE GRADE LINE
2.0% SLOPE
2.0% SLOPE
3:1 CUT
4:1 FILL
3:1 CUT
4:1 FILL
EXIST. GROUND
STANDARD CONCRETE CURB & GUTTER CURB & GUTTER WILL BE 10" THICK
2" ASPHALT SURFACE
8" ASPHALT BASE
8" COMPACTED MODOT TYPE 5 AGGREGATE BASE
95% COMPACTED EARTH
STANDARD CONCRETE CURB & GUTTER CURB & GUTTER WILL BE 10" THICK
NOTES:
ZORA STREET - FULL DEPTH PVMT (CURB & GUTTER)
TURN LANE AT WELLINGTON STREET



DUQUESNE ROAD

HALL STREET