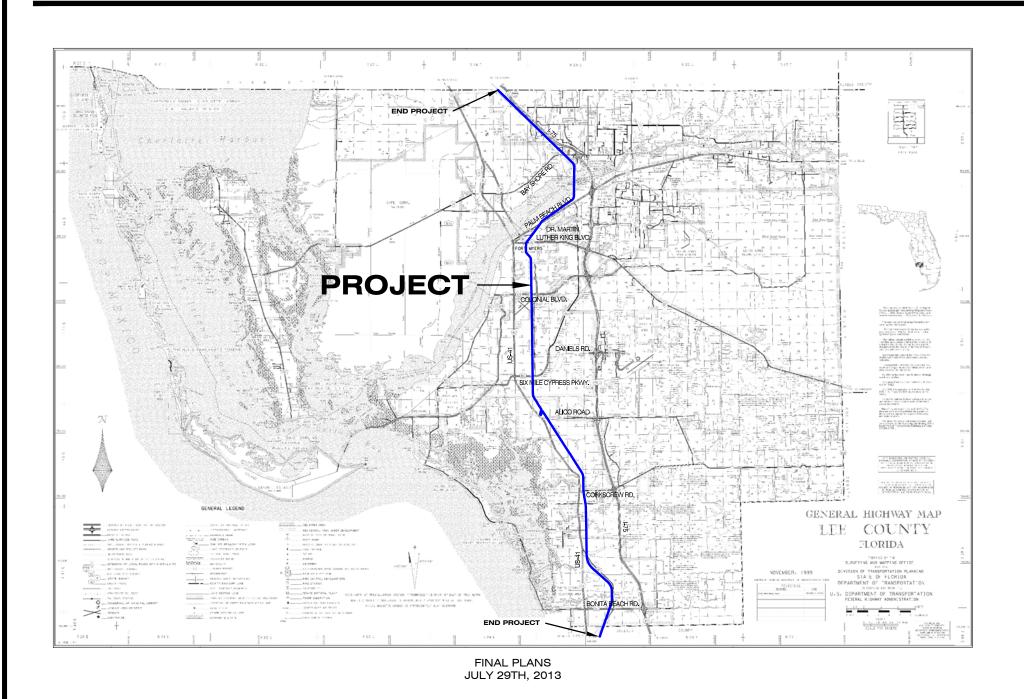
RAIL FEASIBILITY STUDY

AERIAL MAPS FOR LEE COUNTY MPO FROM COLLIER TO CHARLOTTE CO.



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35 PLAN 55-56	

CLIENT:

LEE COUNTY METROPOLITAN PLANNING ORGANIZATION 815 NICHOLAS PARKWAY E. P.O. BOX 150045 CAPE CORAL, FLORIDA 33915-0045

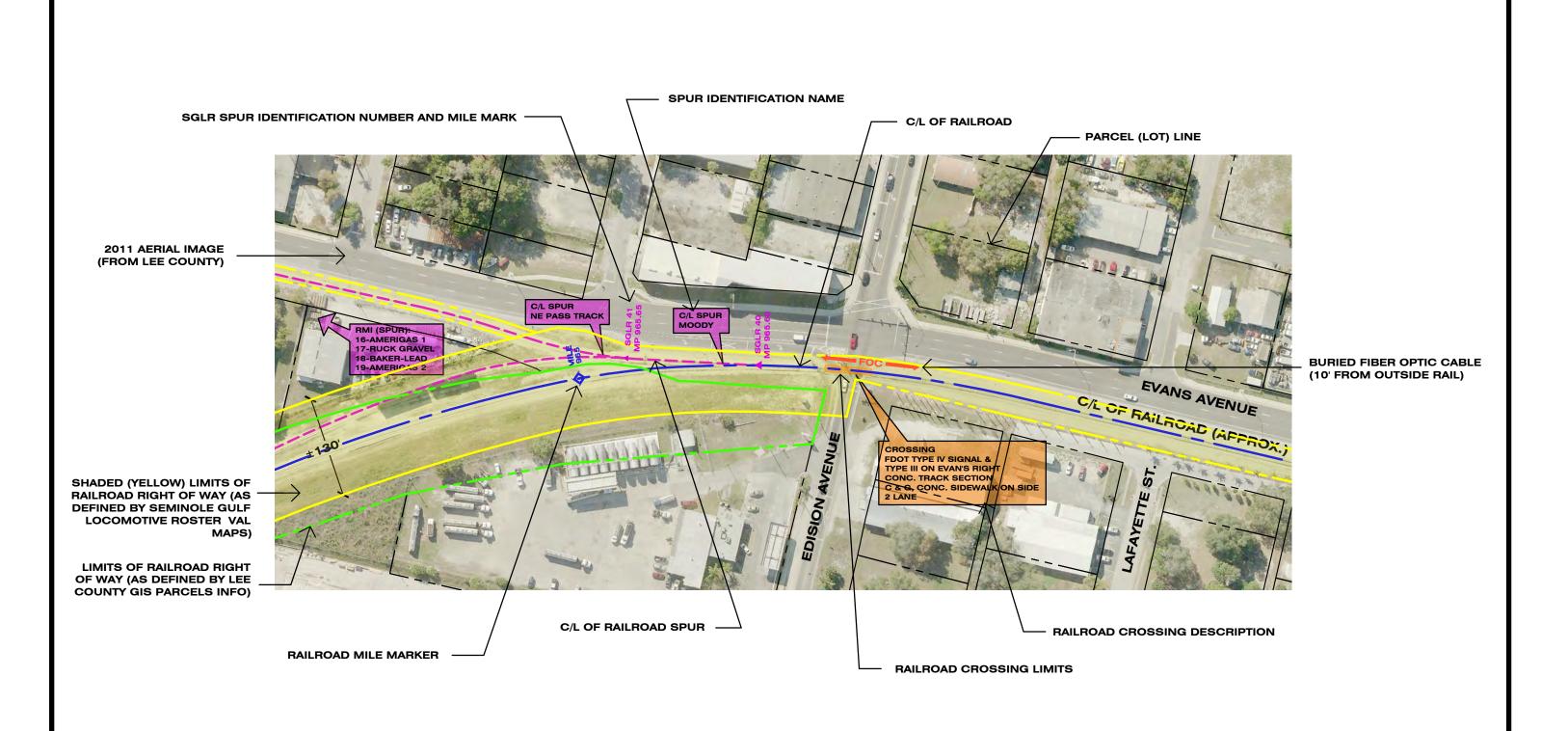
PLANS PREPARED BY:

DAVID DOUGLAS ASSOCIATES, INC.

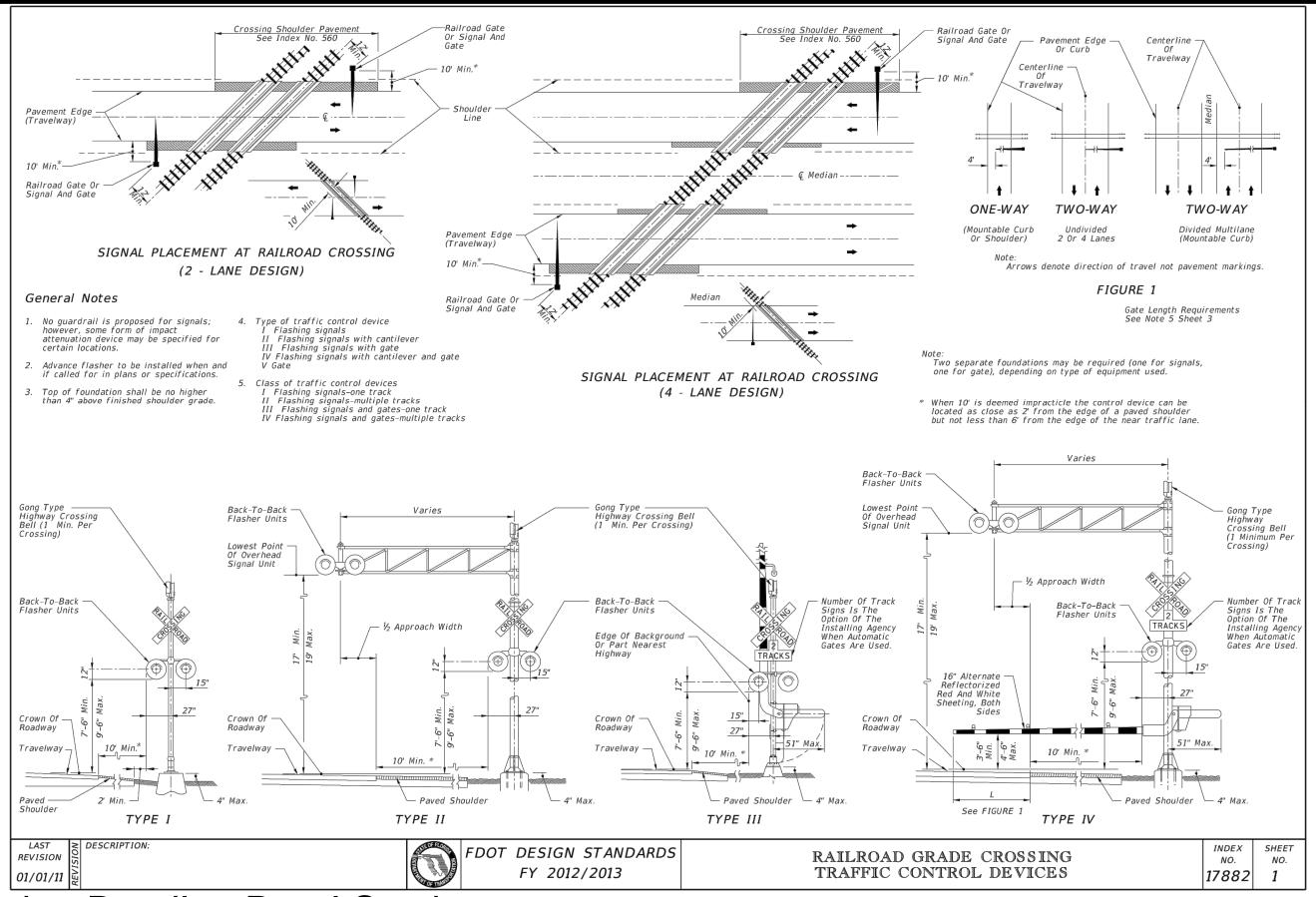
CIVIL ENGINEERS - LAND PLANNERS - CONTRACT ADMINISTRATORS

1821 Victoria Ave, Fort Myers, Florida 33901 Ph. 239-337-3330 Web: www.ddai-engineers.com Florida Certificate of Business # 7568



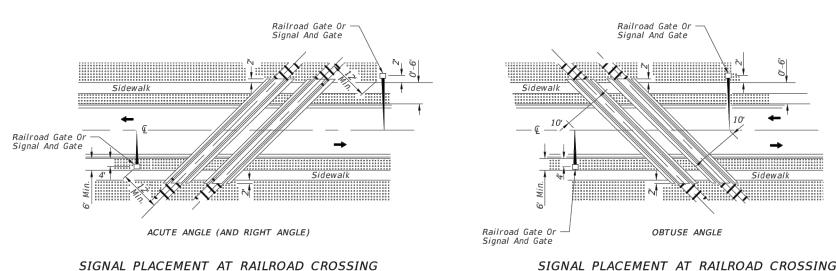






Crossing Details - Rural Section

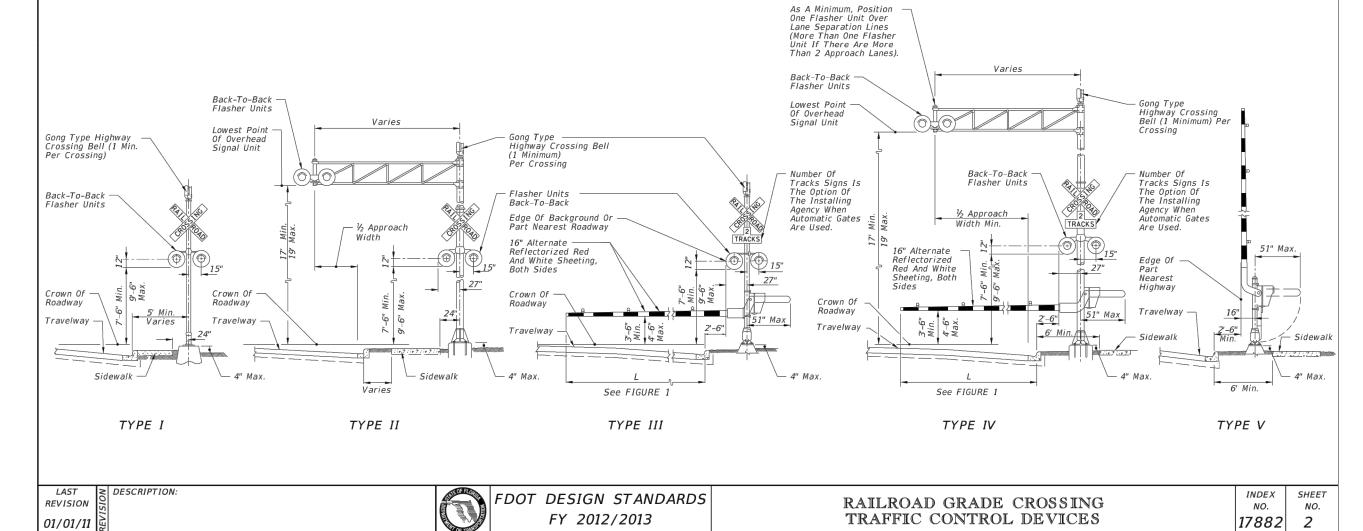




SIGNAL PLACEMENT AT RAILROAD CROSSING (2 LANES, CURB & GUTTER)

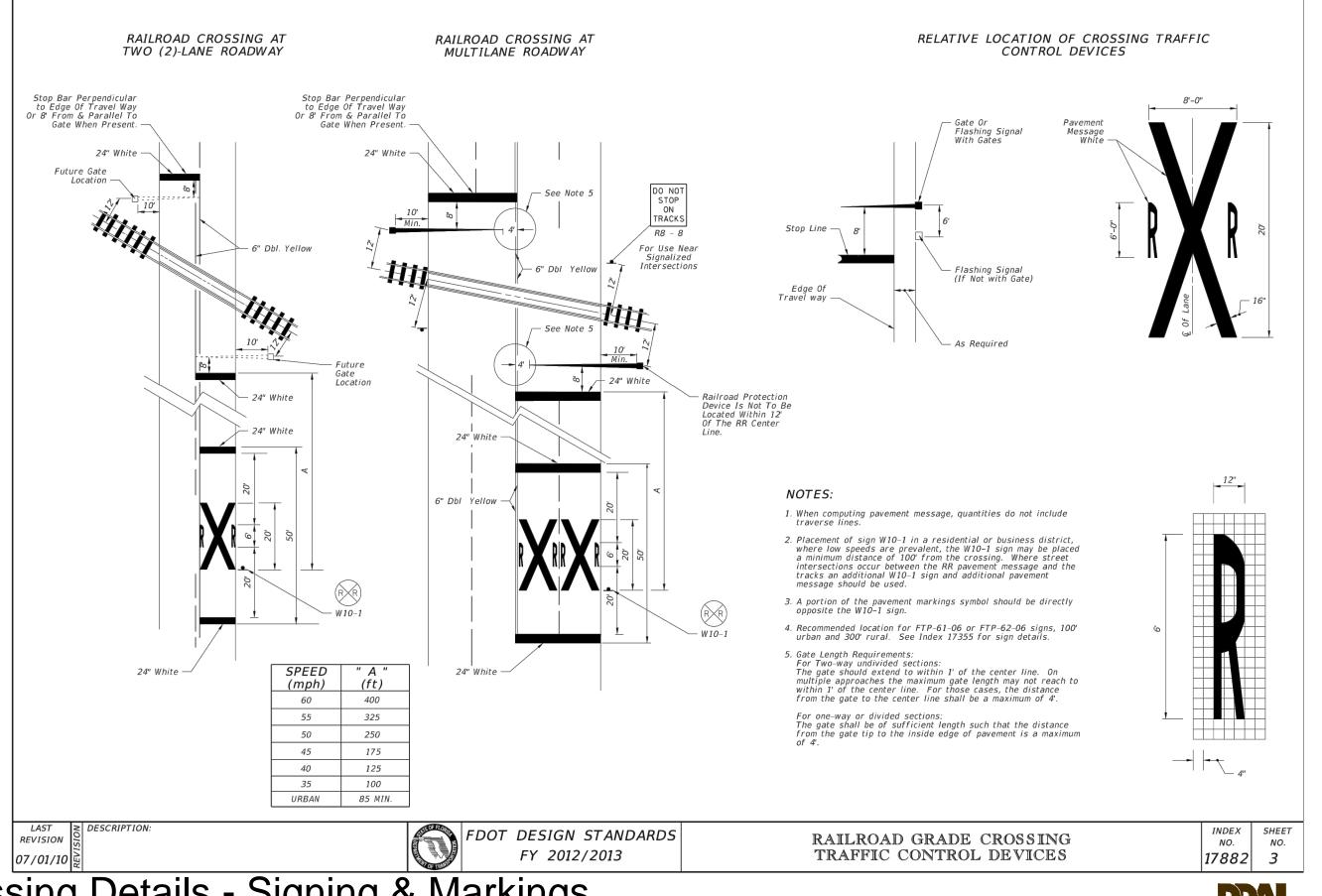
GENERAL NOTES

- The location of flashing signals and stop lines shall be established based on future (or present) installation of gate with appropriate track clearances.
- Where plans call for railroad traffic control devices to be installed in curbed medians, the minimum median width shall be 12-6"
- Location of railroad traffic control device is based on the distance available between face of curb & sidewalk. O' to 6' – Locate device outside sidewalk. Over 6' – Locate device between face of curb and sidewalk.
- Stop line to be perpendicular to edge of roadway, approx. 15' from nearest rail; or 8' from and parallel to gate when present.
- When a cantilevered-arm flashing-light signal is used, the minimum vertical clearance shall be 17' from above the Crown of Roadway to the Lowest Point of the Overhead Signal Unit.



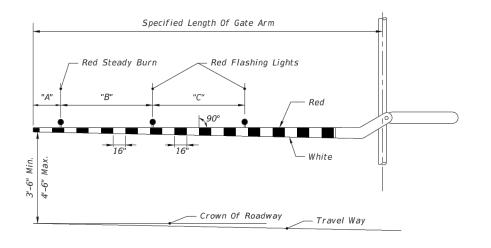
Crossing Details - Urban Section

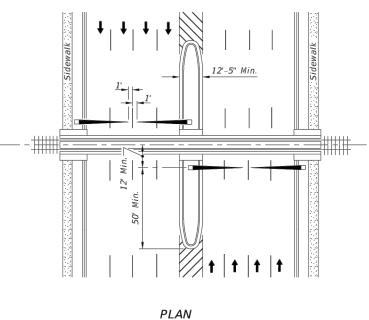
(2 LANES, CURB & GUTTER)

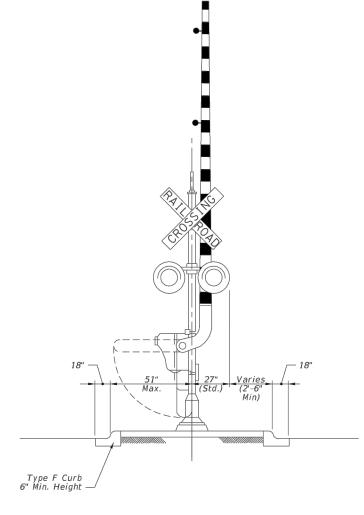


Crossing Details - Signing & Markings









MEDIAN SECTION AT SIGNAL GATES

RAILROAD GATE ARM LIGHT SPACING

Specified Length Of Gate Arm	Dimension "A"	Dimension "B"	Dimension "C"
14 Ft.	6"	36"	5'
15 Ft.	18"	36"	5'
16-17 Ft.	24"	36"	5'
18-19 Ft.	28"	41"	5'
20-23 Ft.	28"	4'	5'
24-28 Ft.	28"	5'	5'
29-31 Ft.	<i>36</i> "	6'	6'
32-34 Ft.	36"	7'	7'
35-37 Ft.	36"	9'	9'
38 And Over	36"	10'	10'

NOTE: For additional information see the "Manual On Uniform Traffic Control Devices", Part 8; The "Traffic Control Handbook" , Part VIII; and AASHTO "A Policy On Geometric Design Of Streets And Highways".

MEDIAN SIGNAL GATES FOR

MULTILANE UNDIVIDED URBAN SECTIONS

(THREE OR MORE DRIVING LANES IN ONE DIRECTION, 45 MPH OR LESS)

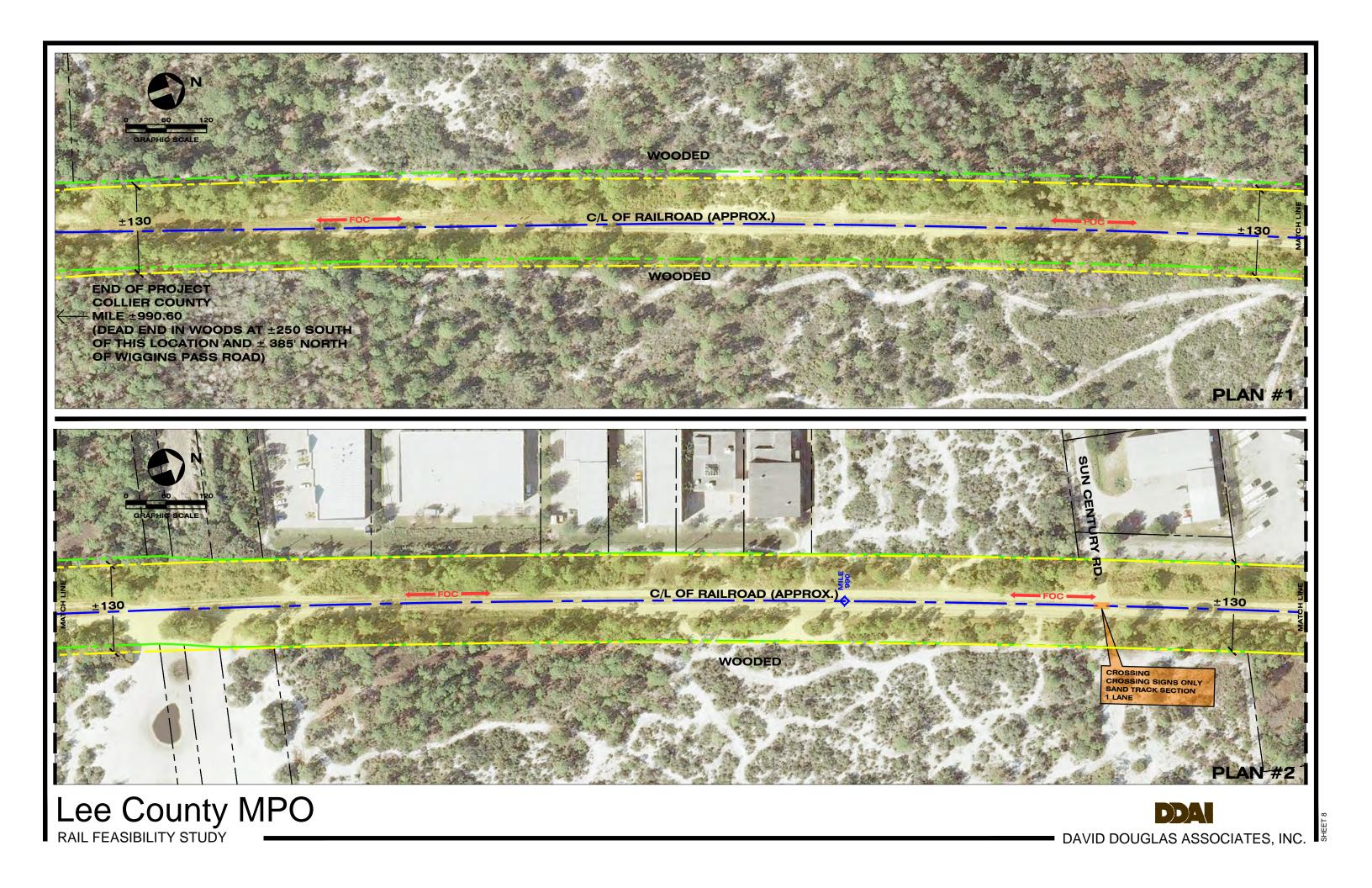
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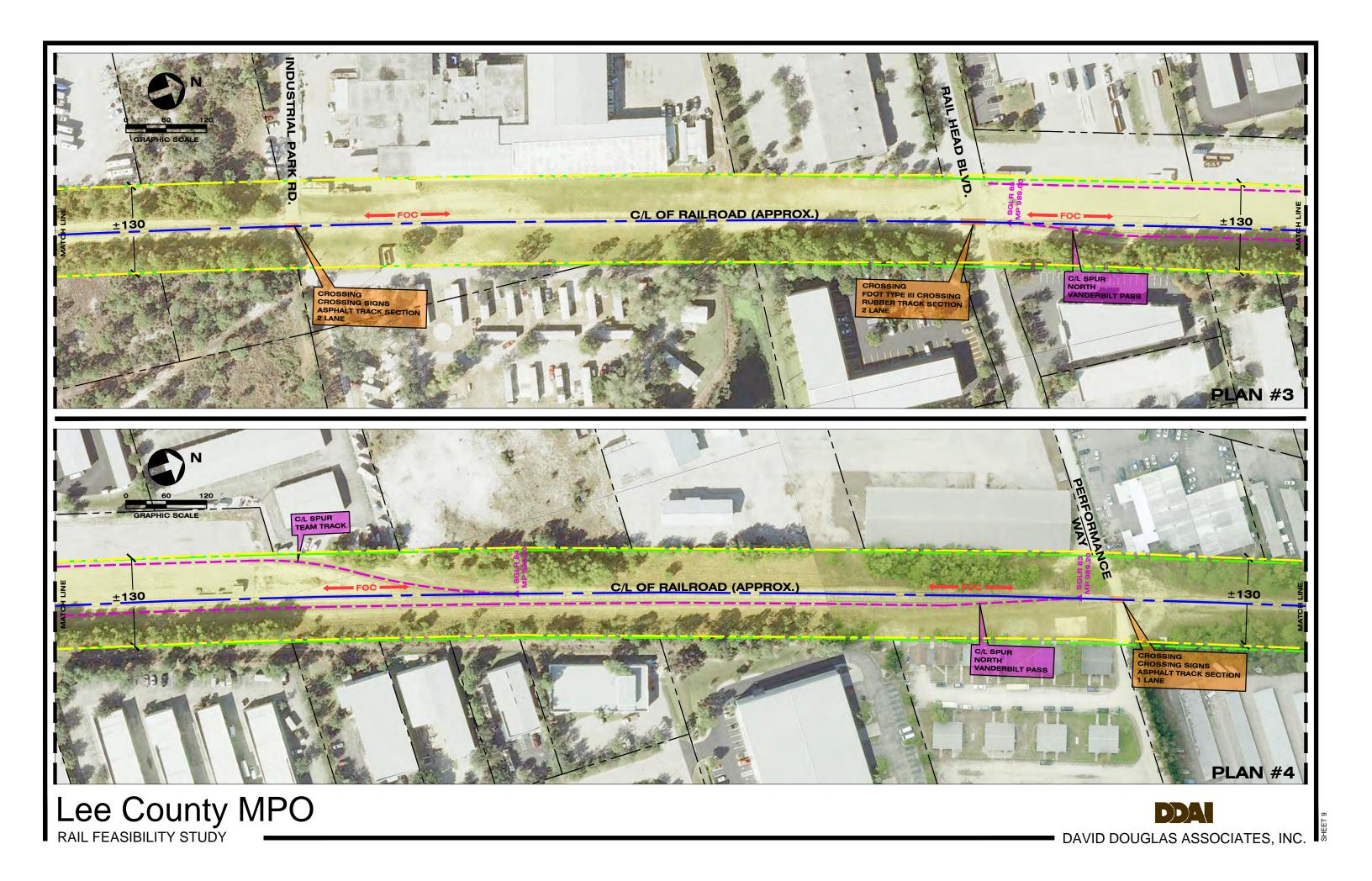
FDOT DESIGN STANDARDS FY 2012/2013

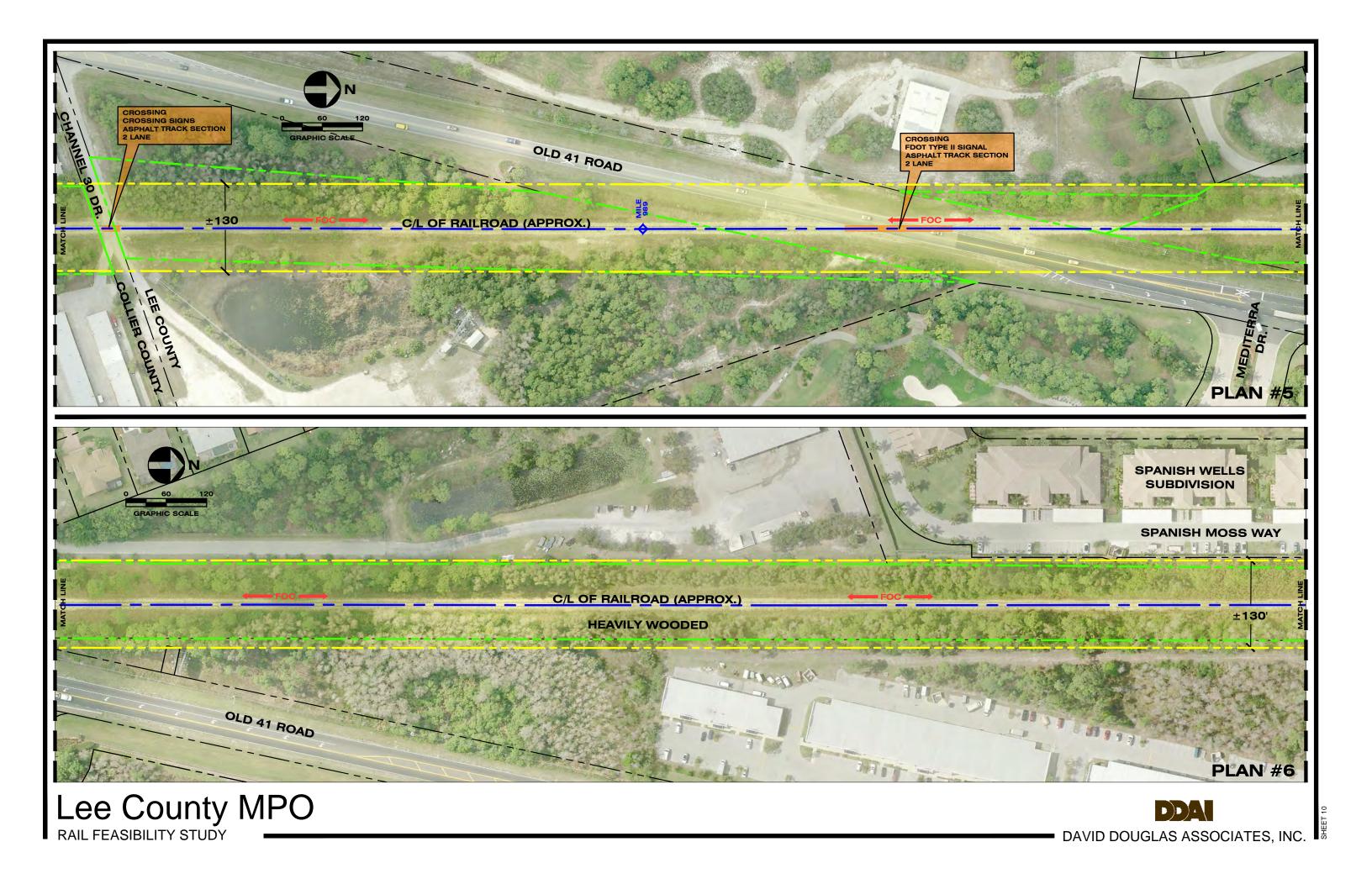
RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

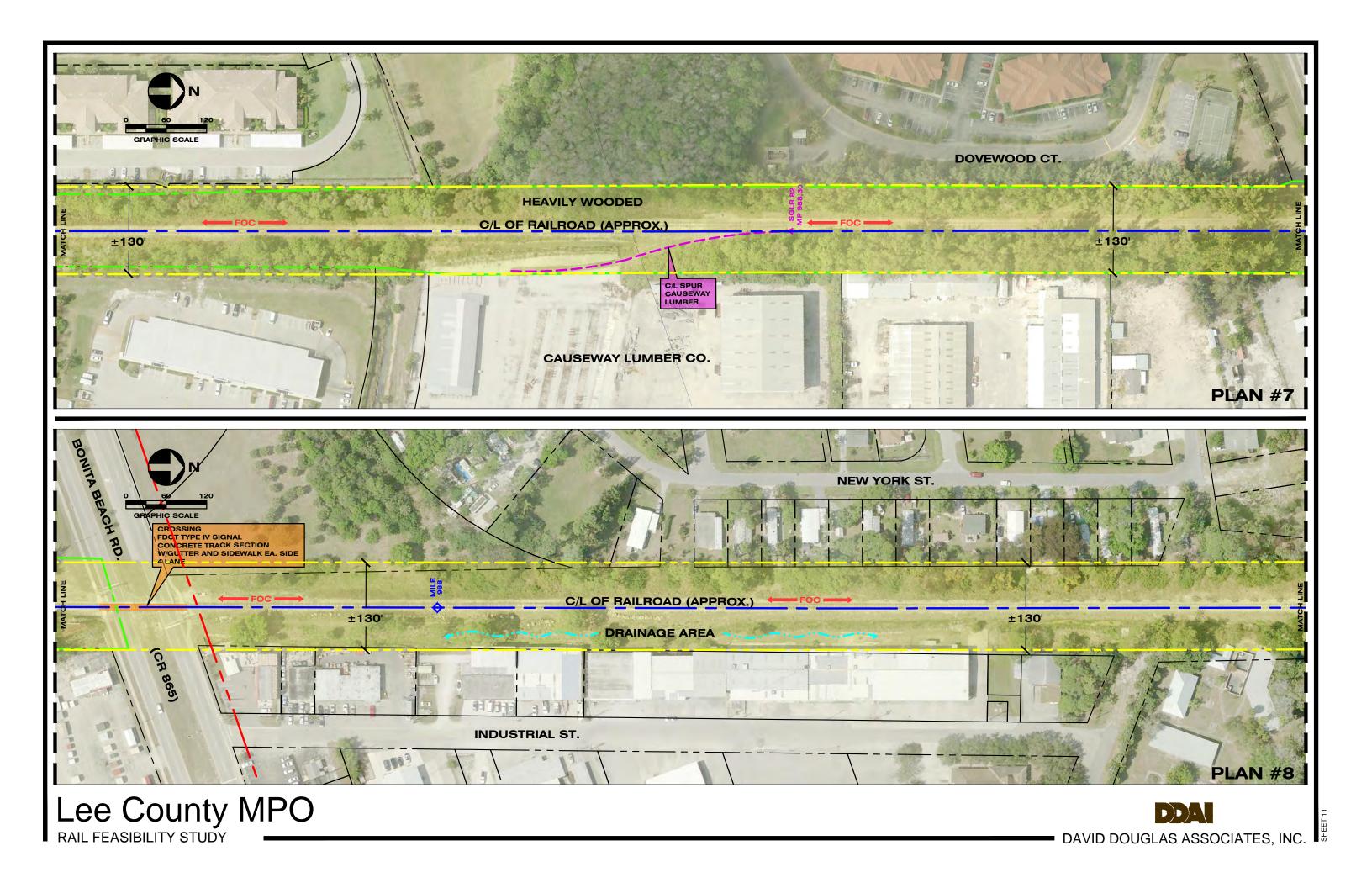
INDEX SHEET NO. 17882

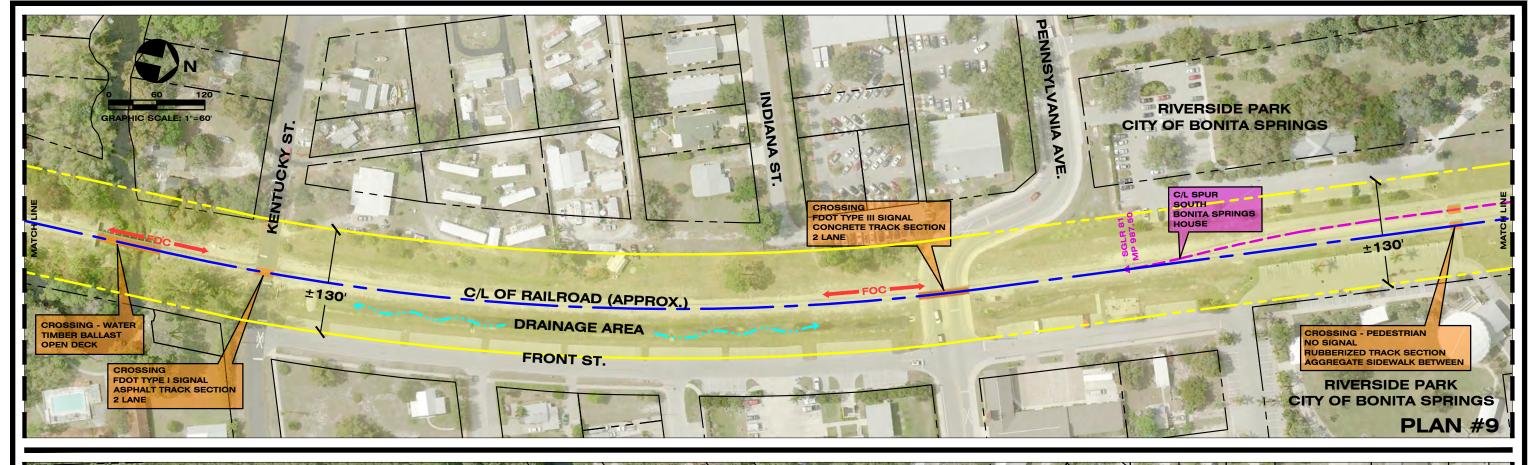
Crossing Details - Signal Gate

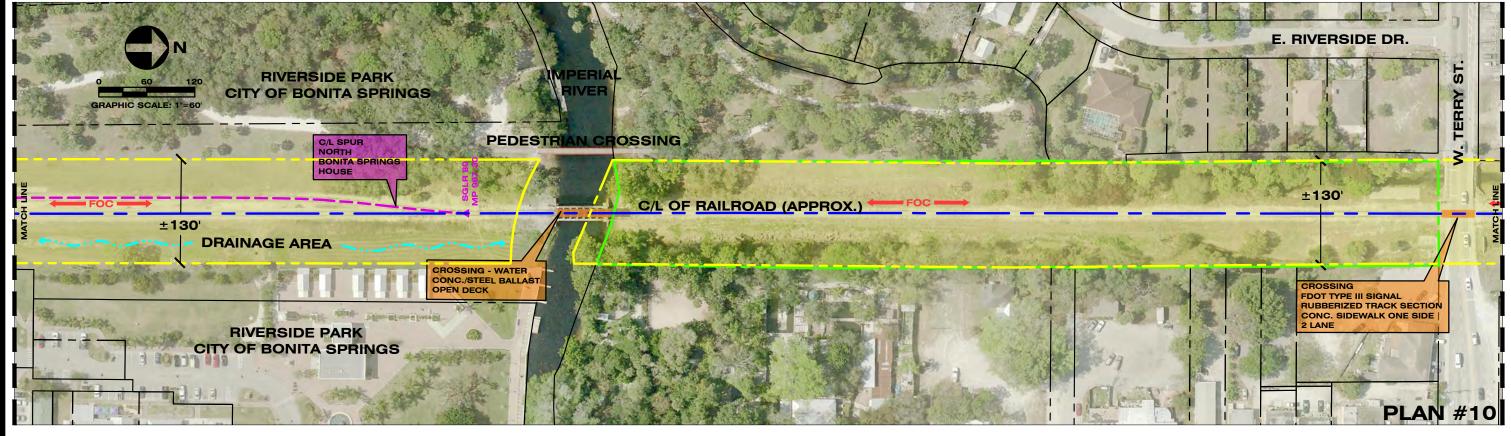




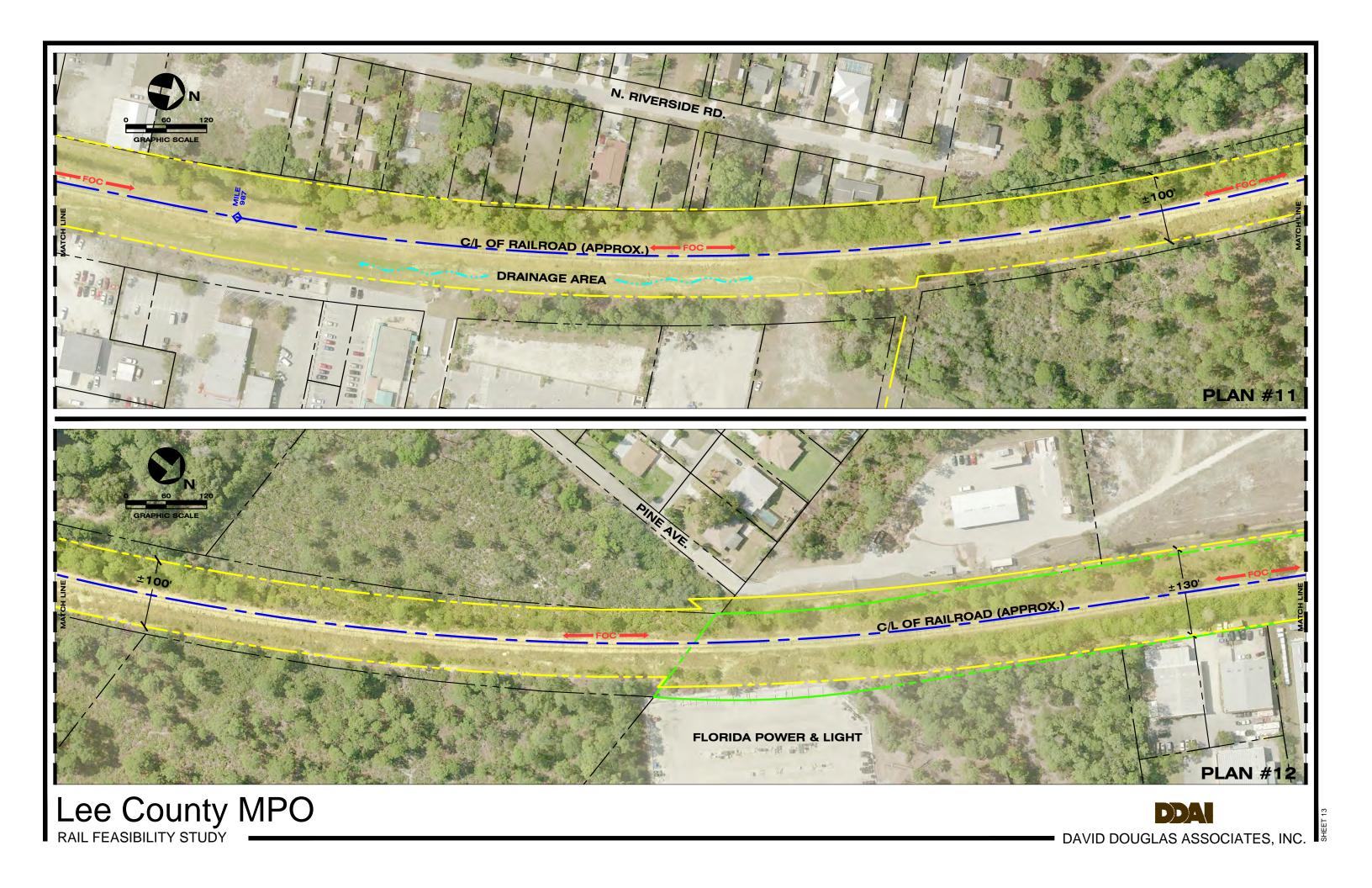


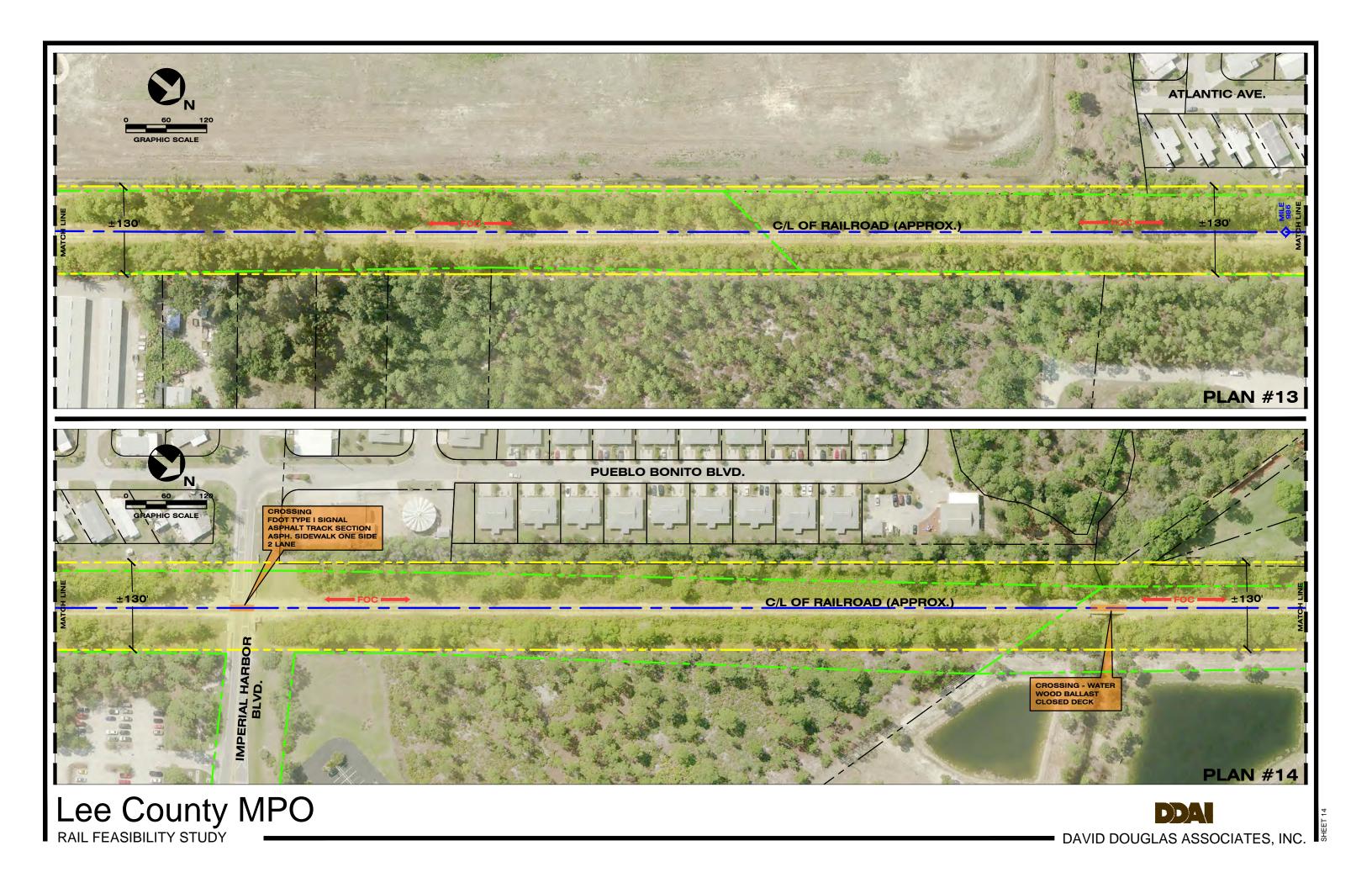


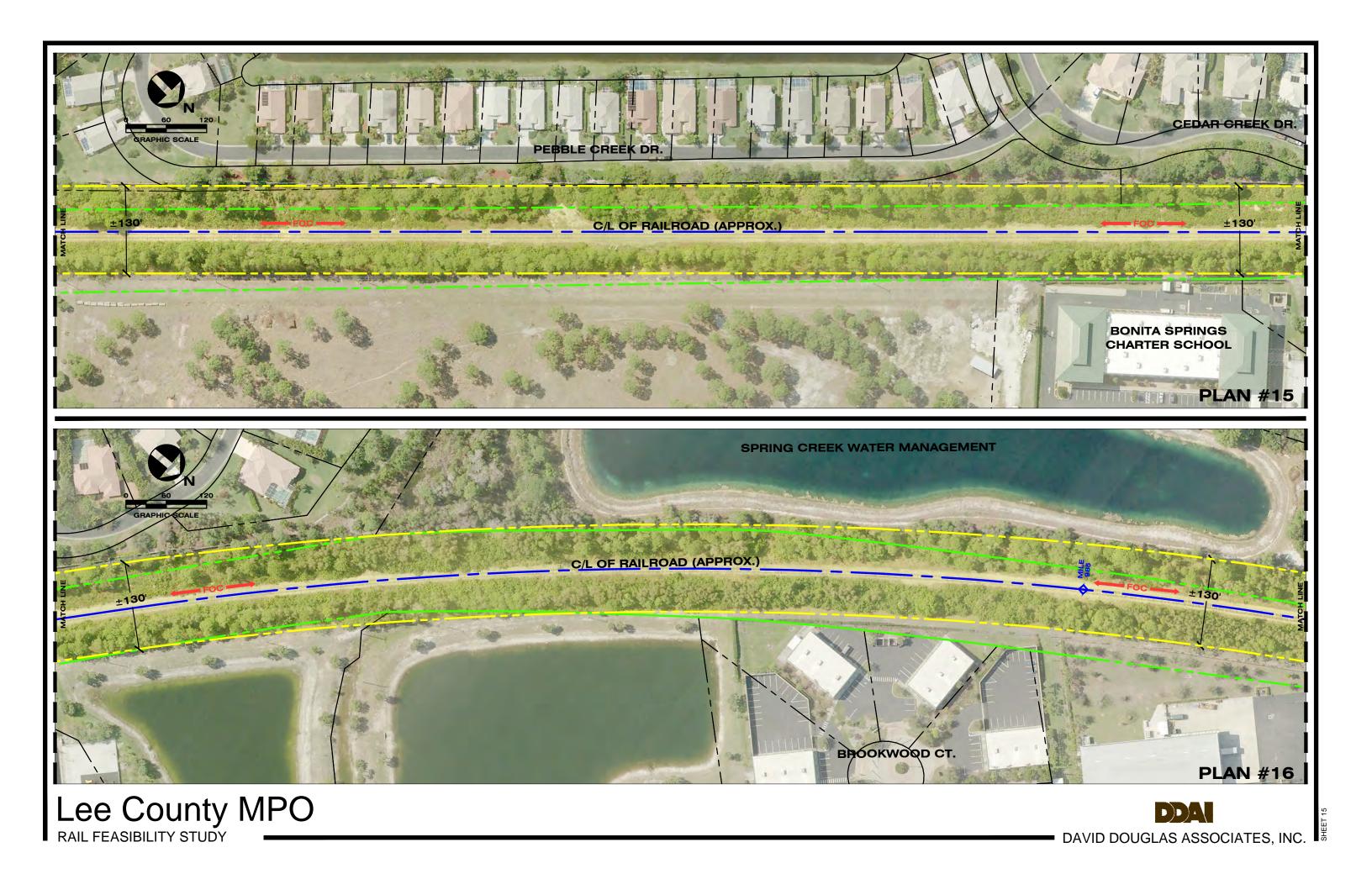


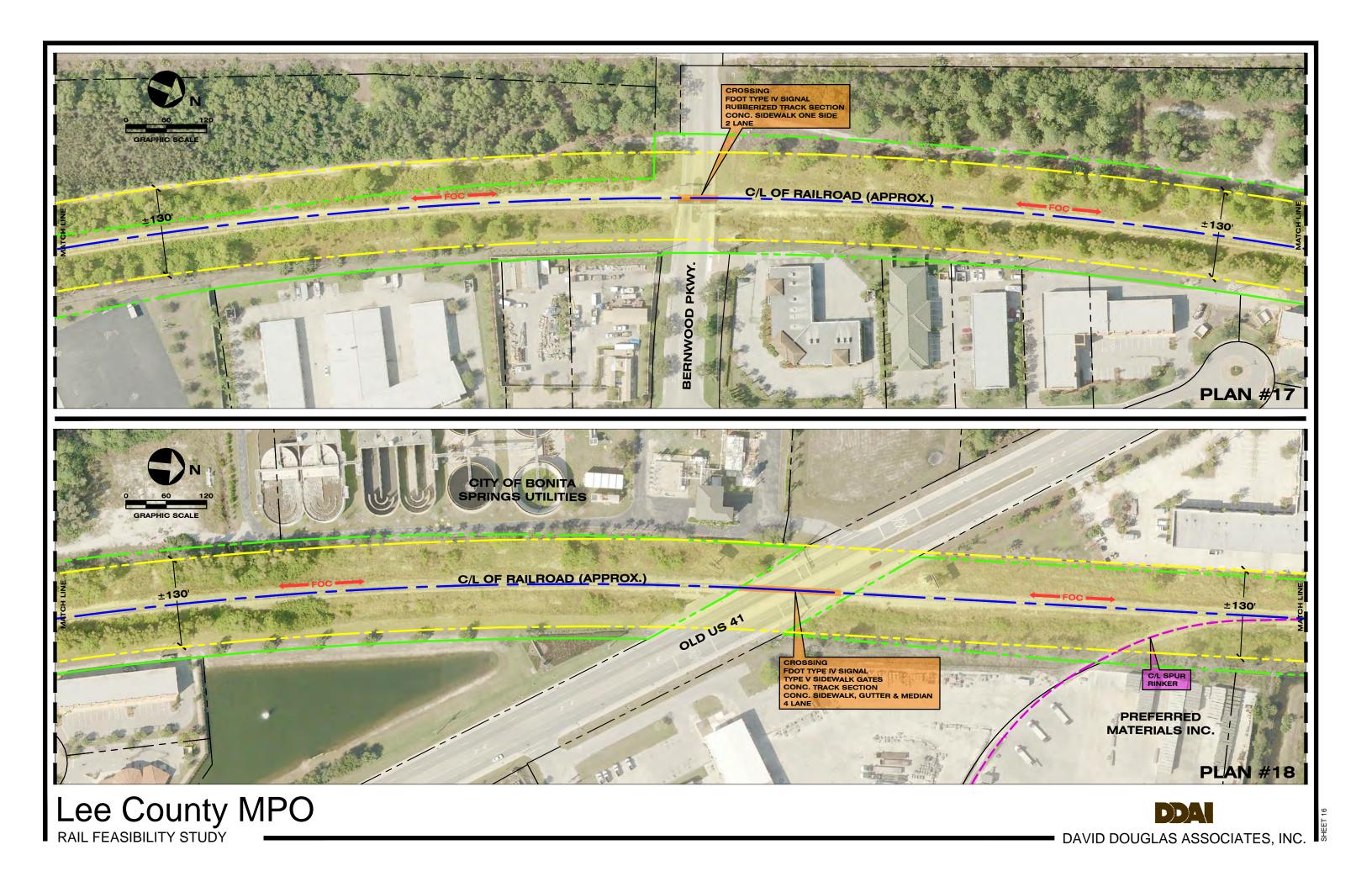


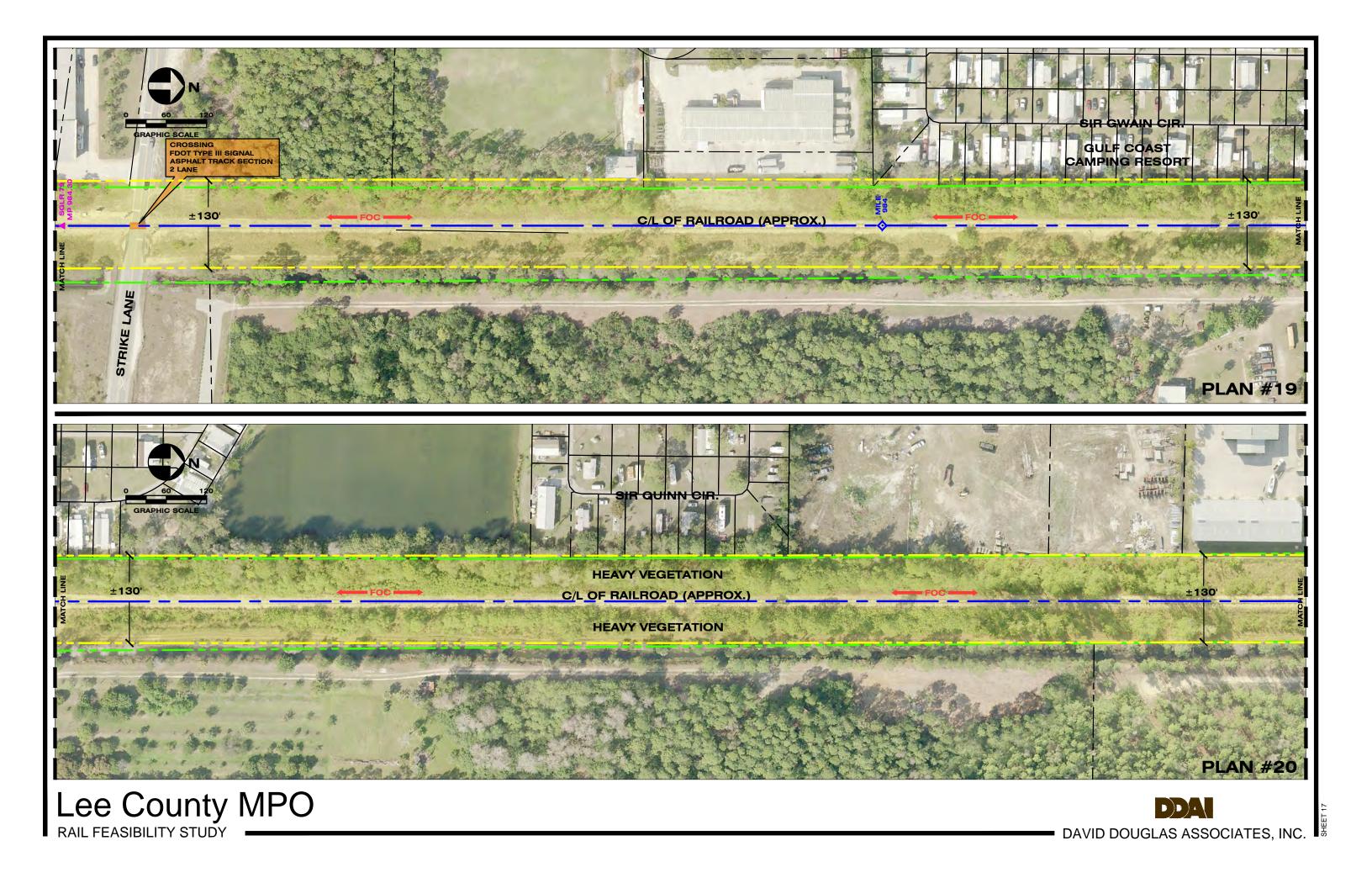
Lee County MPO
RAIL FEASIBILITY STUDY

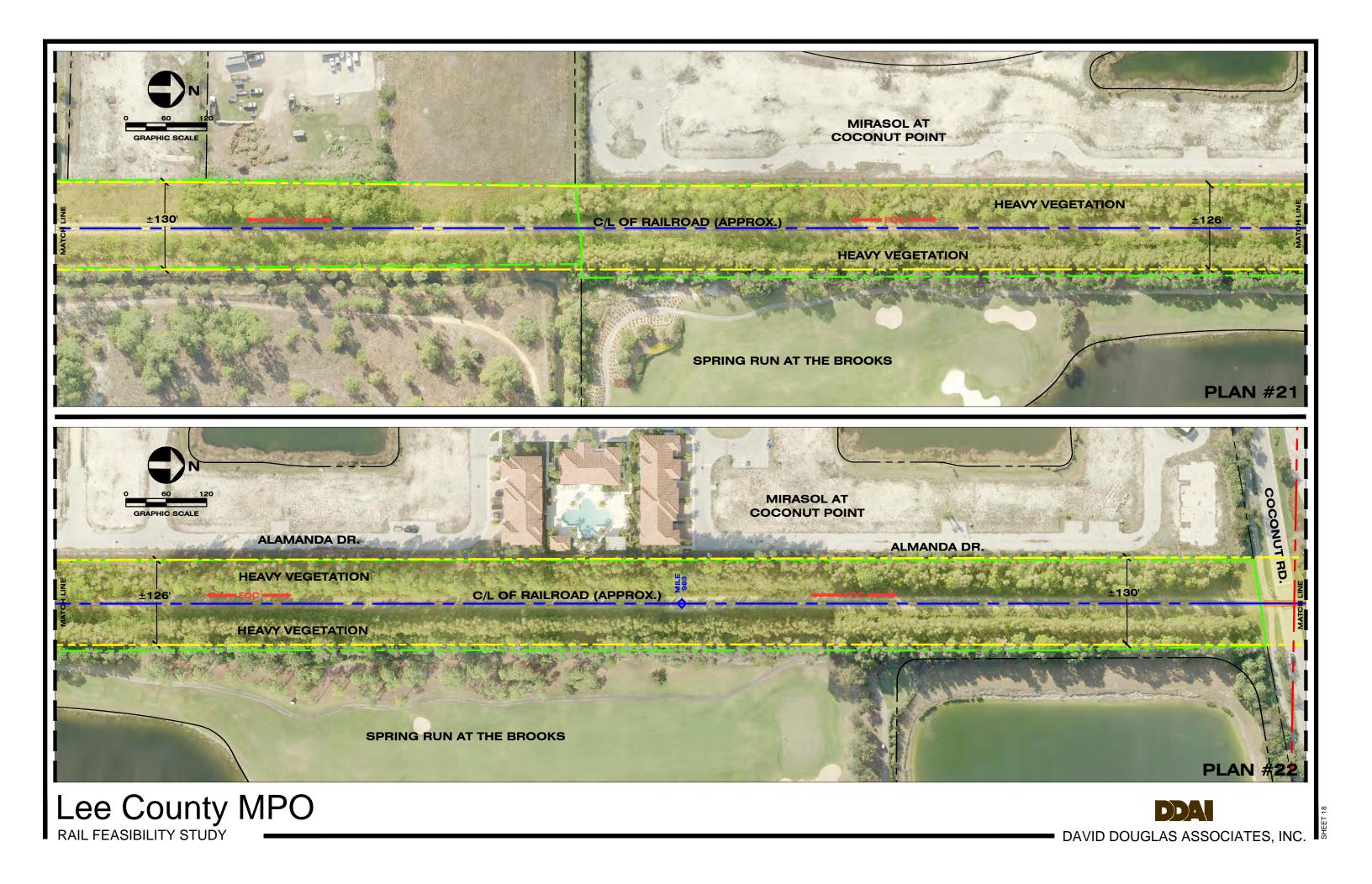


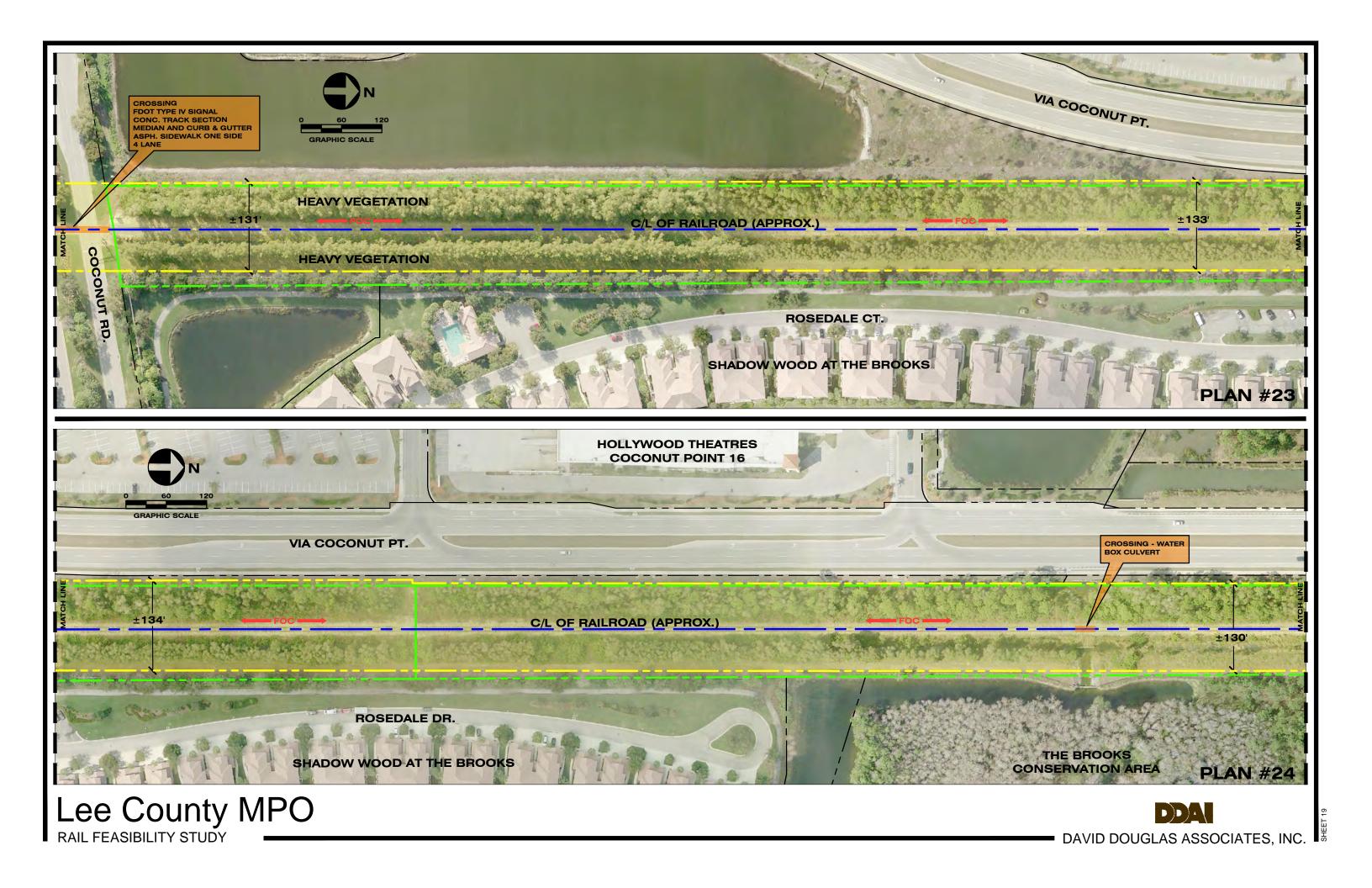


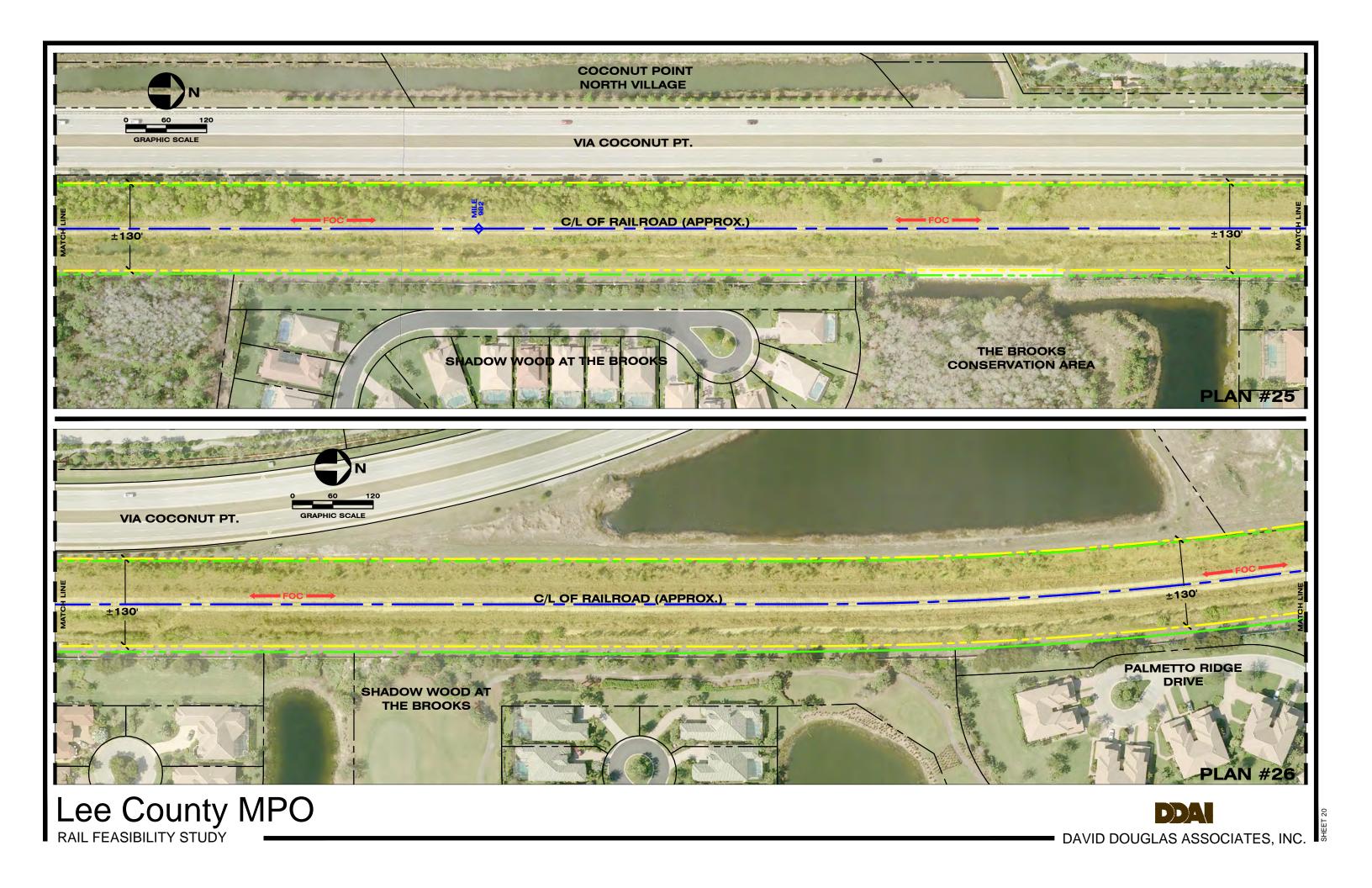


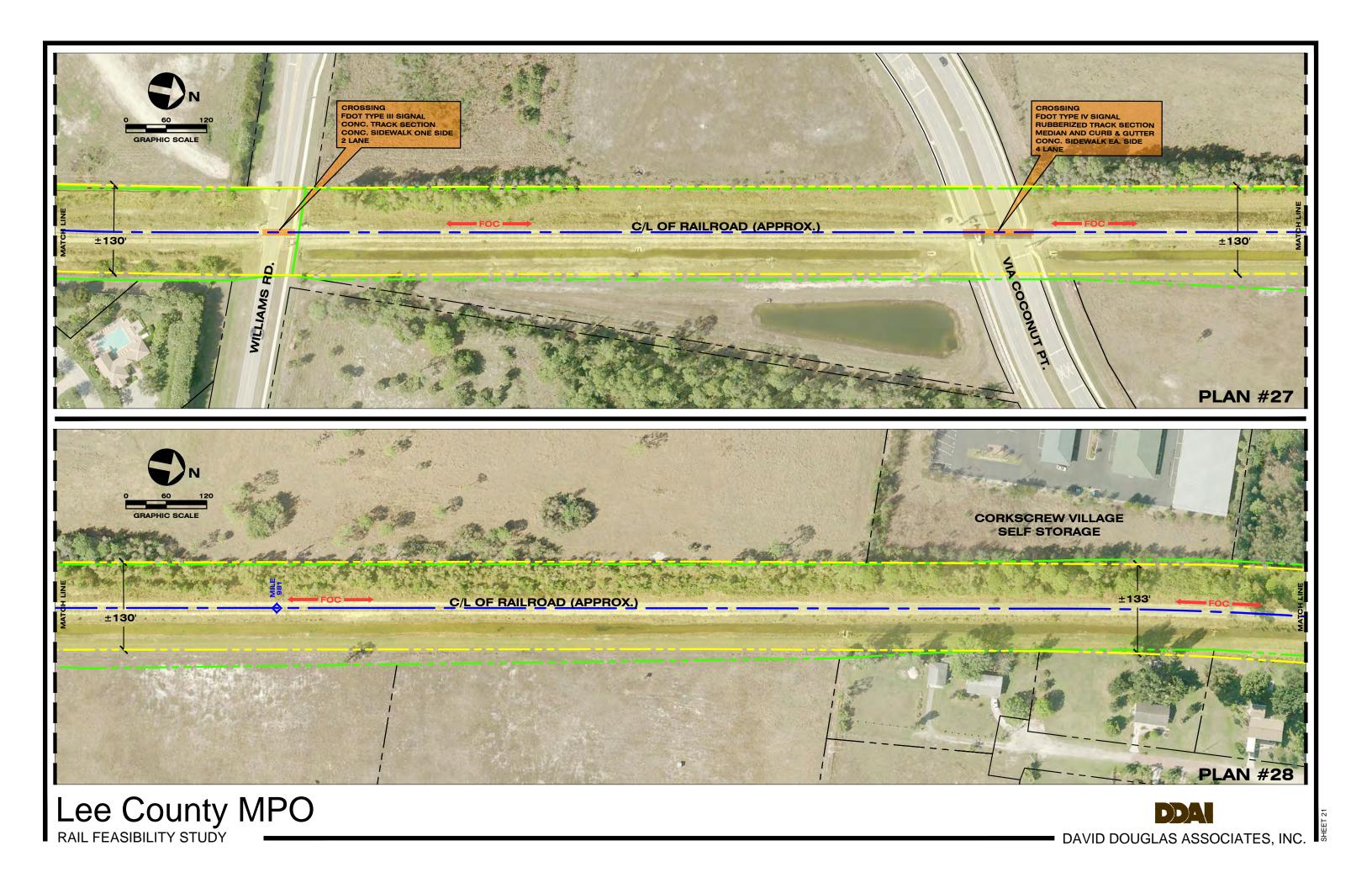


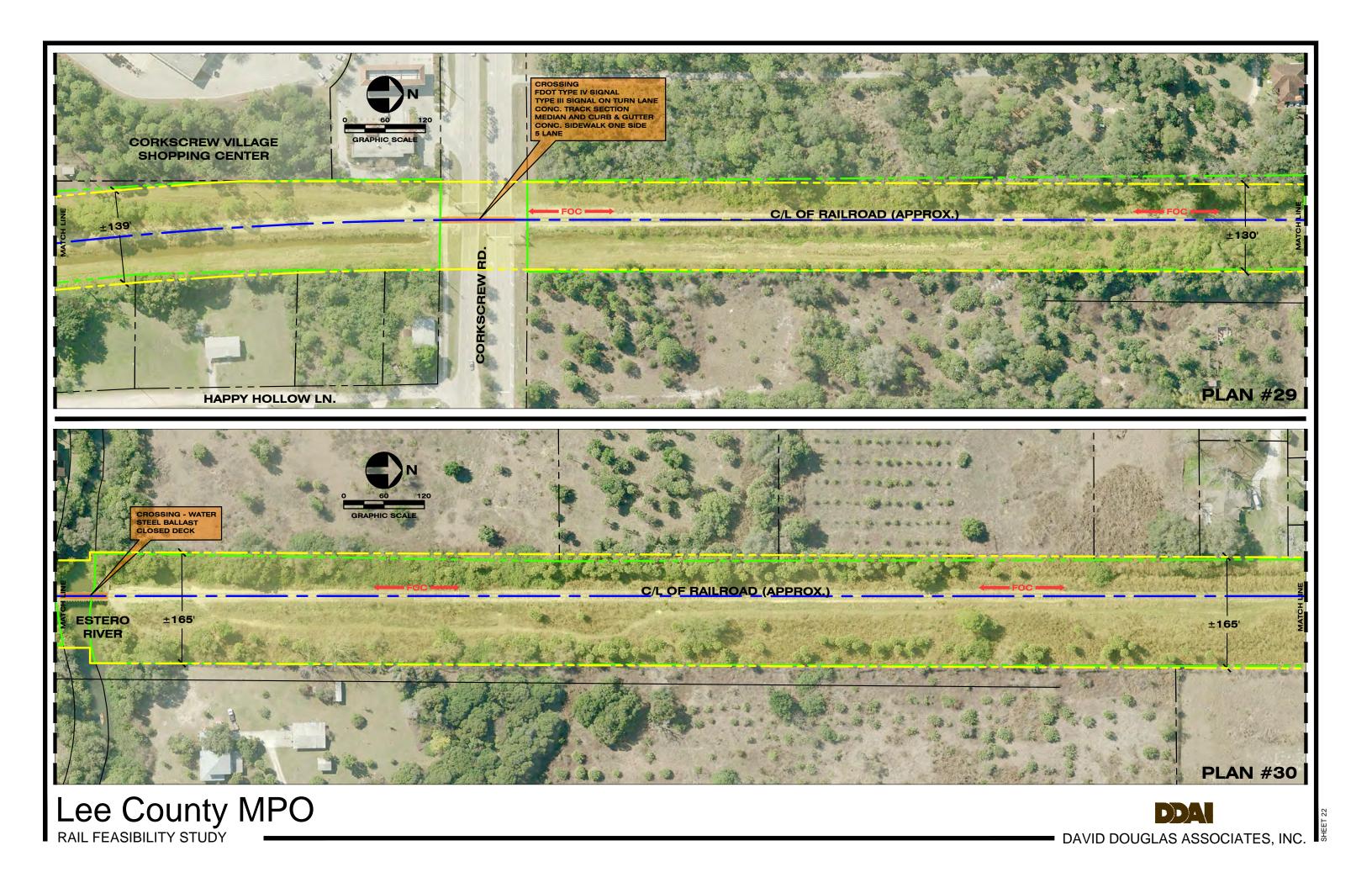


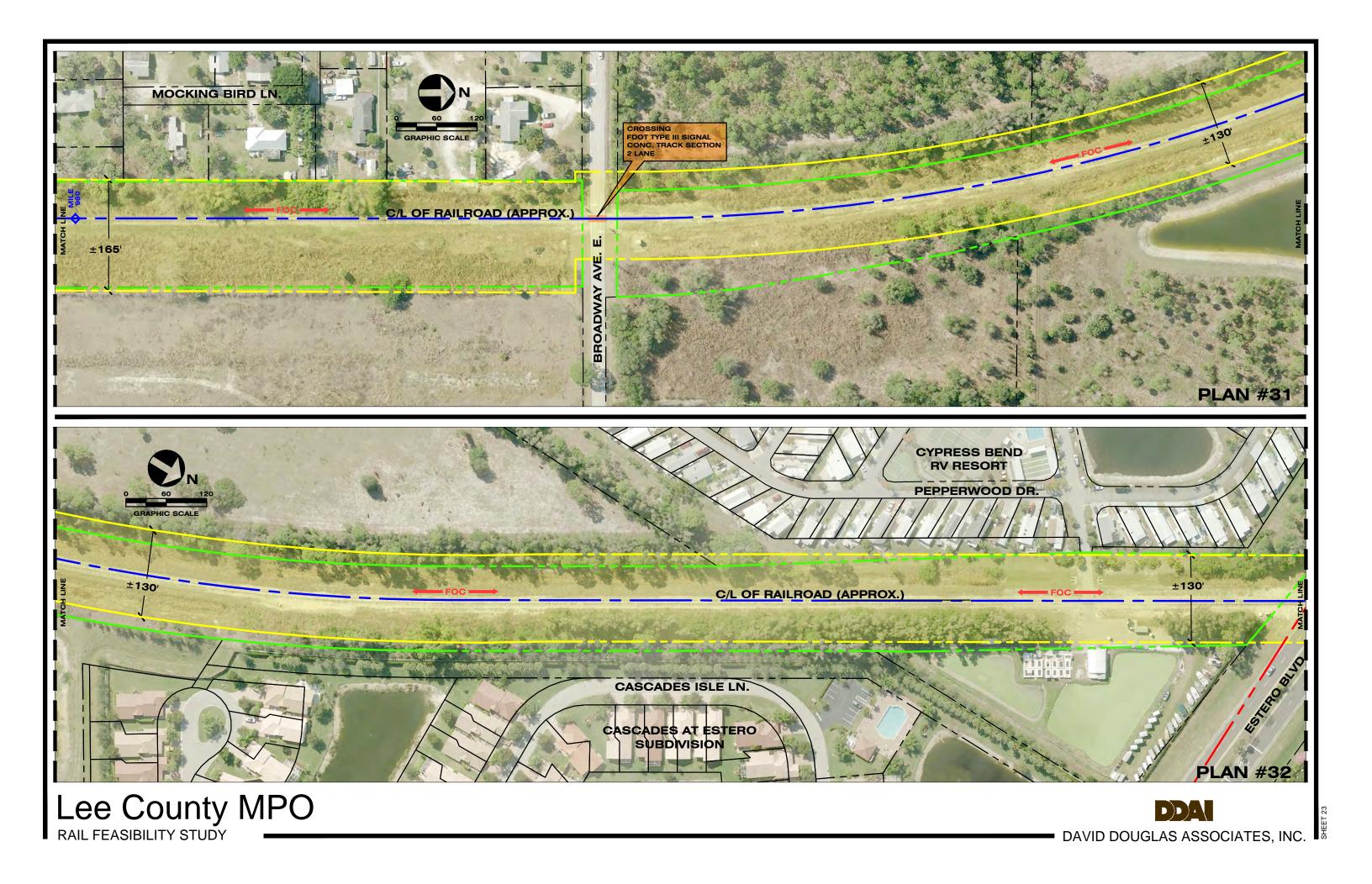


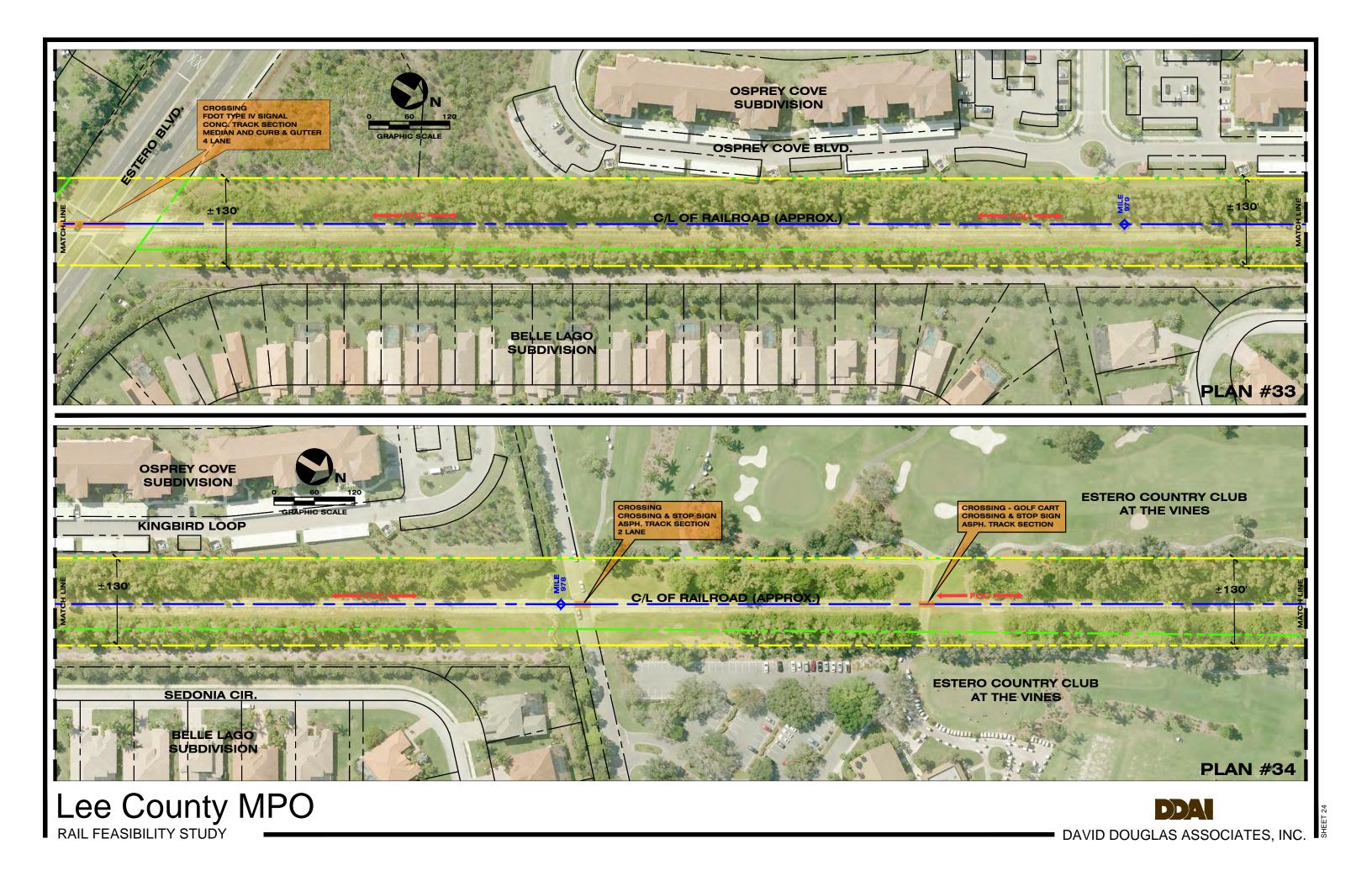


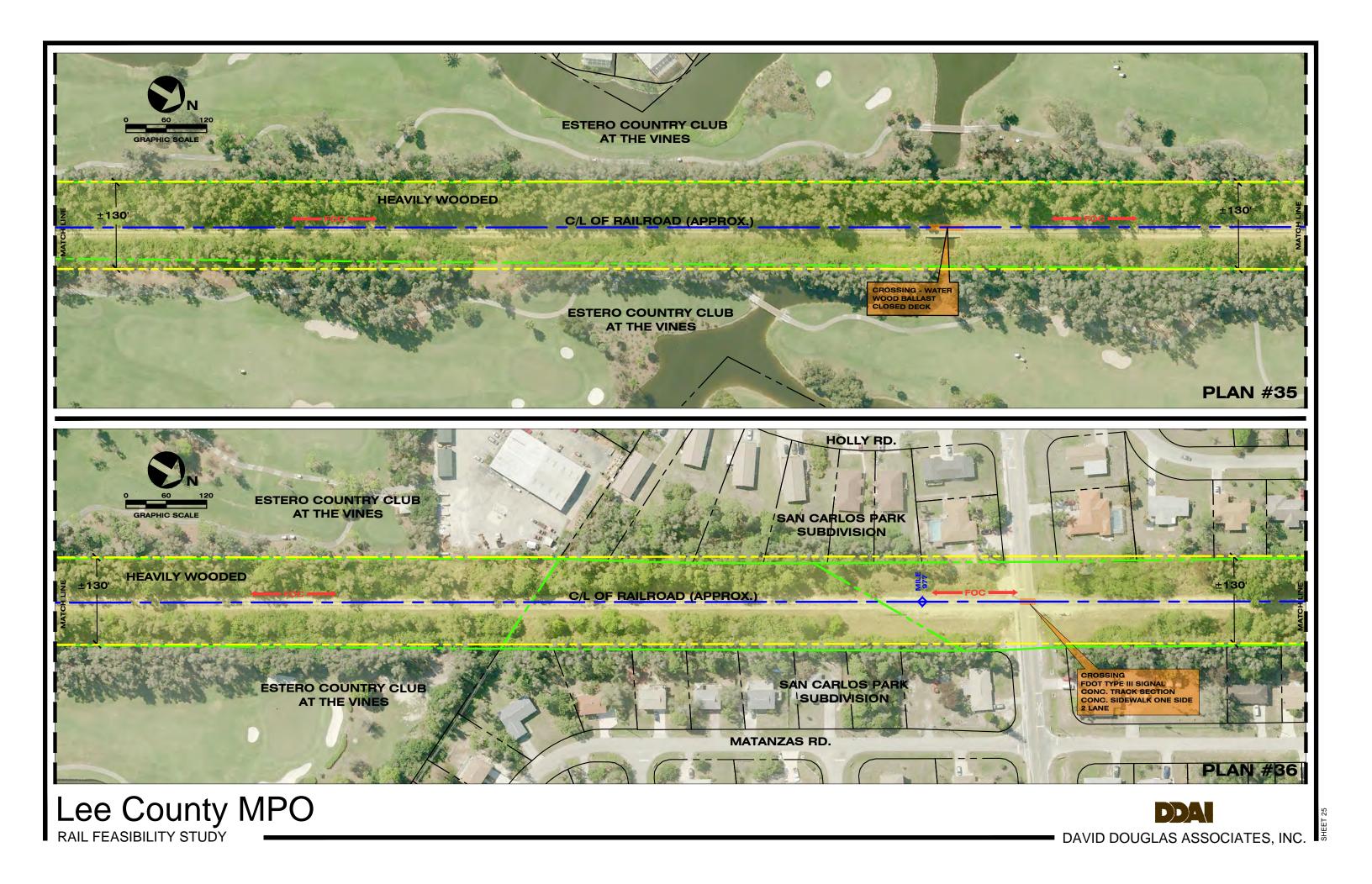


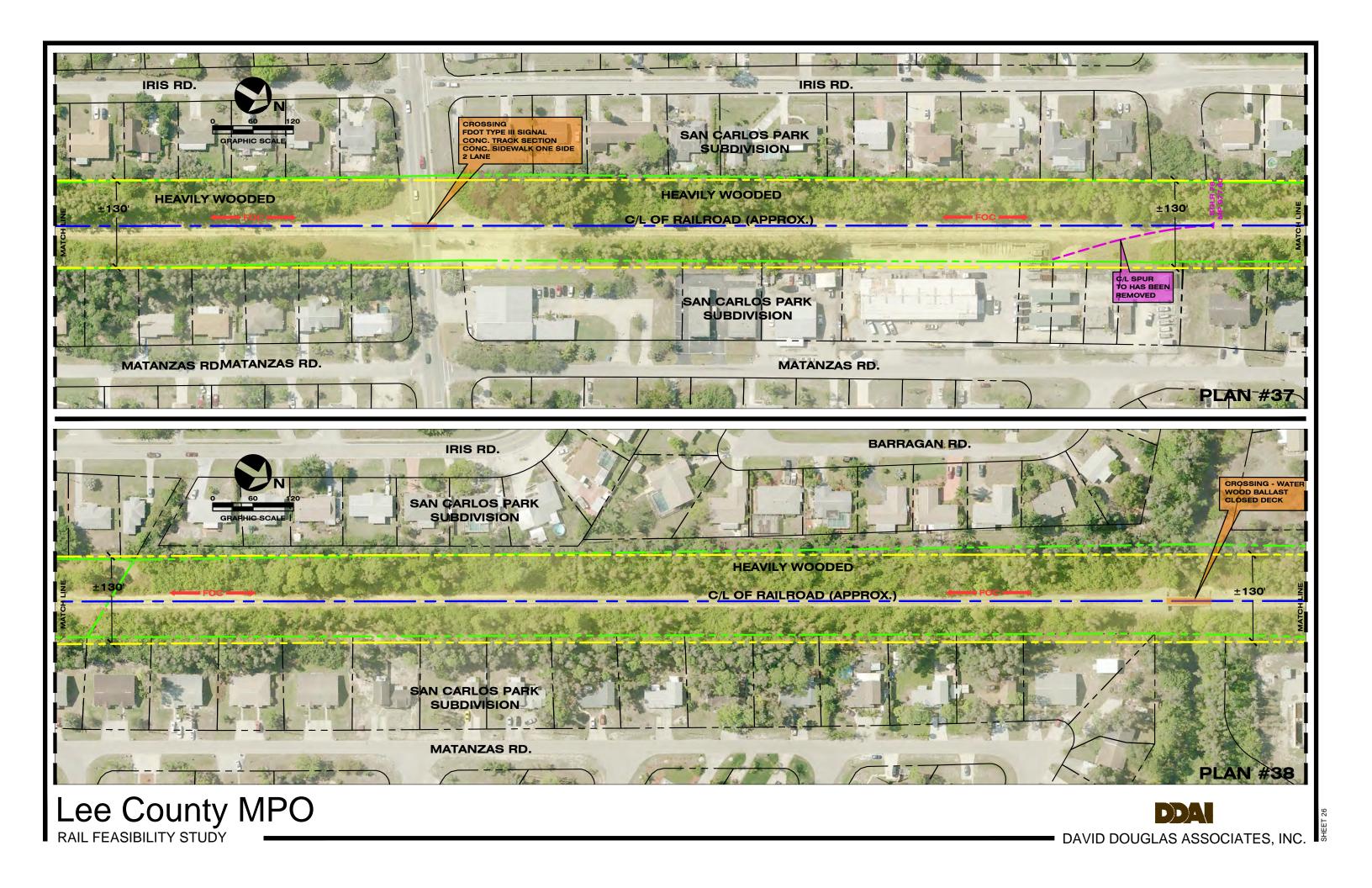


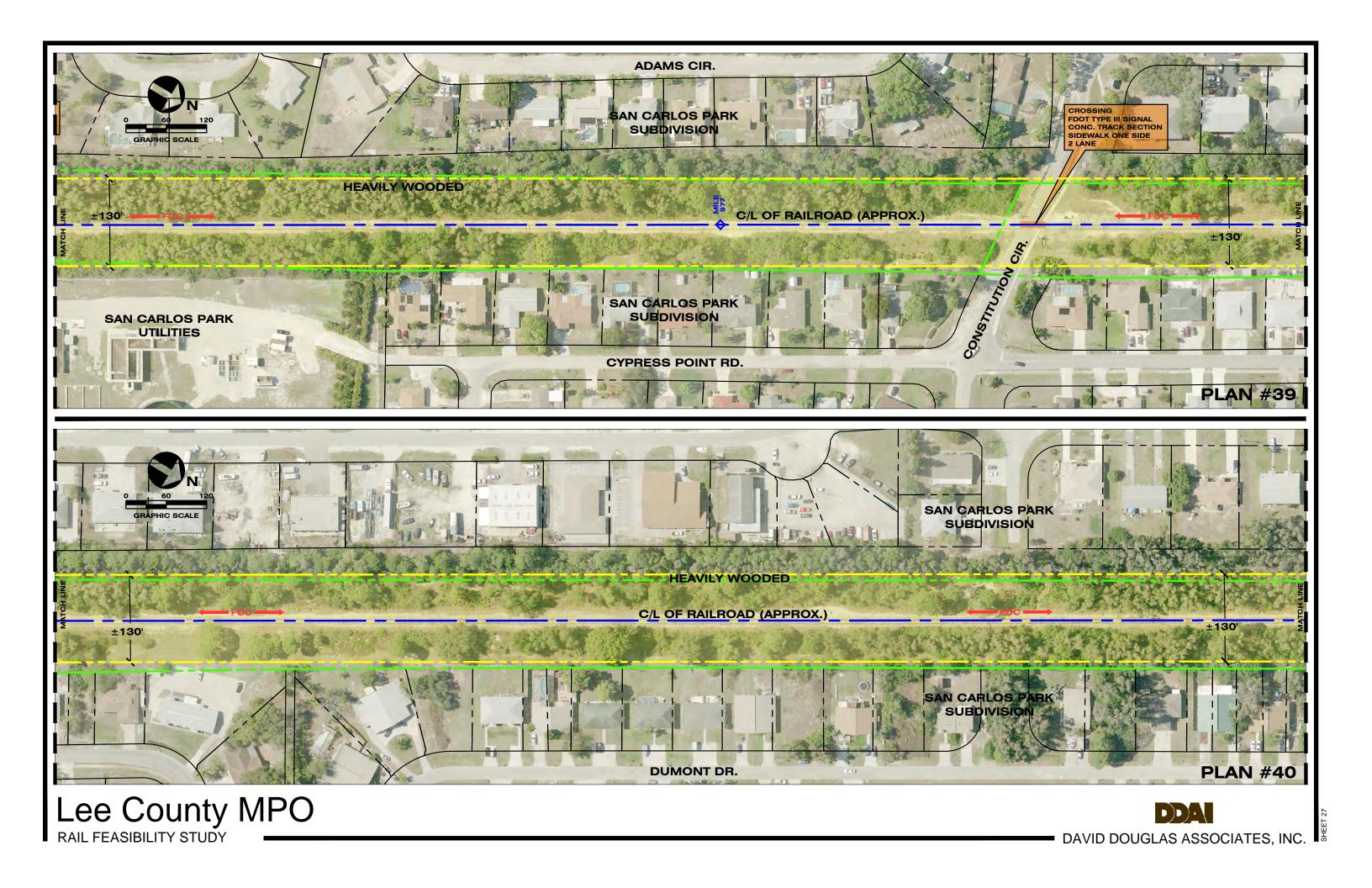


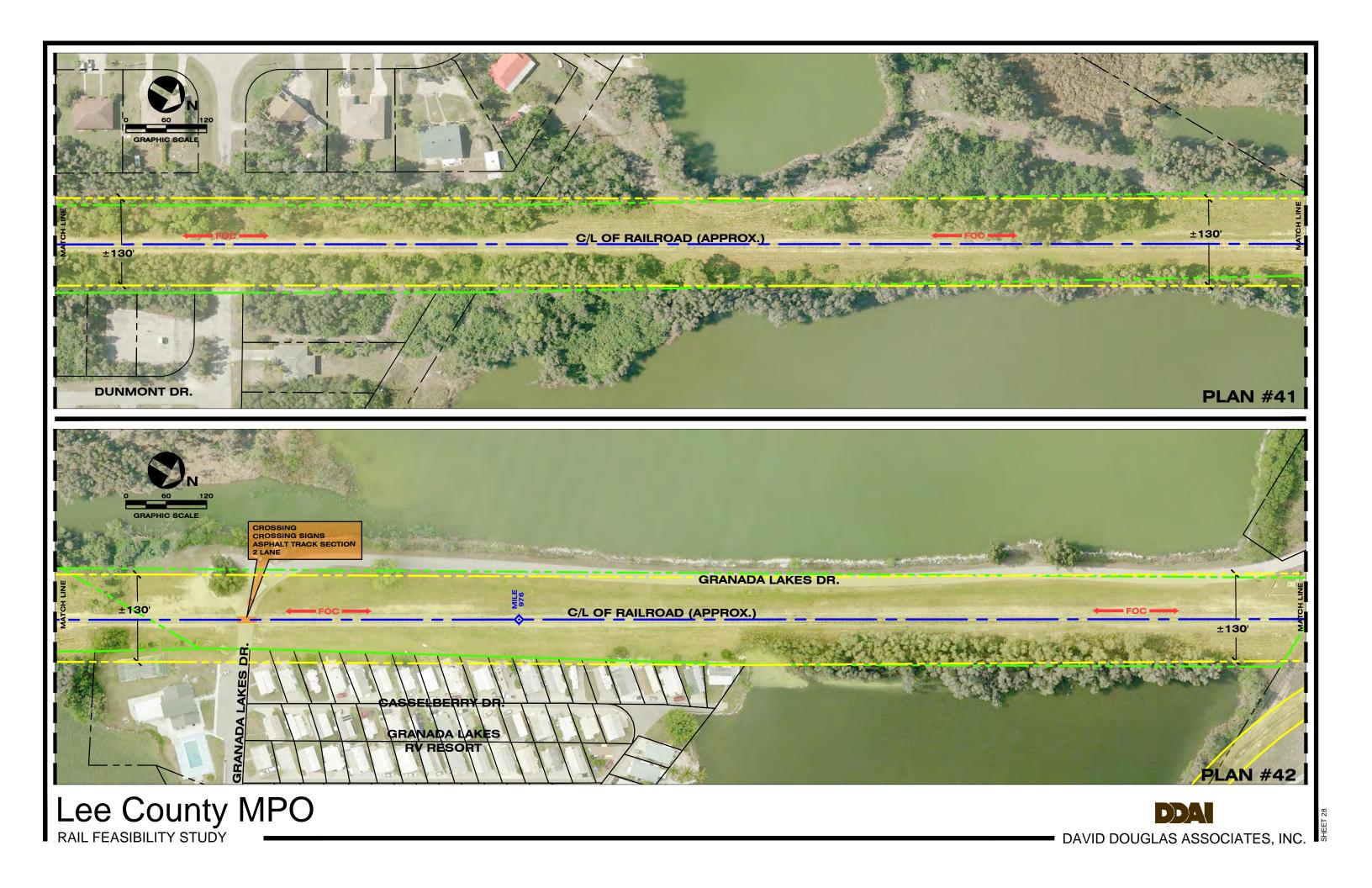


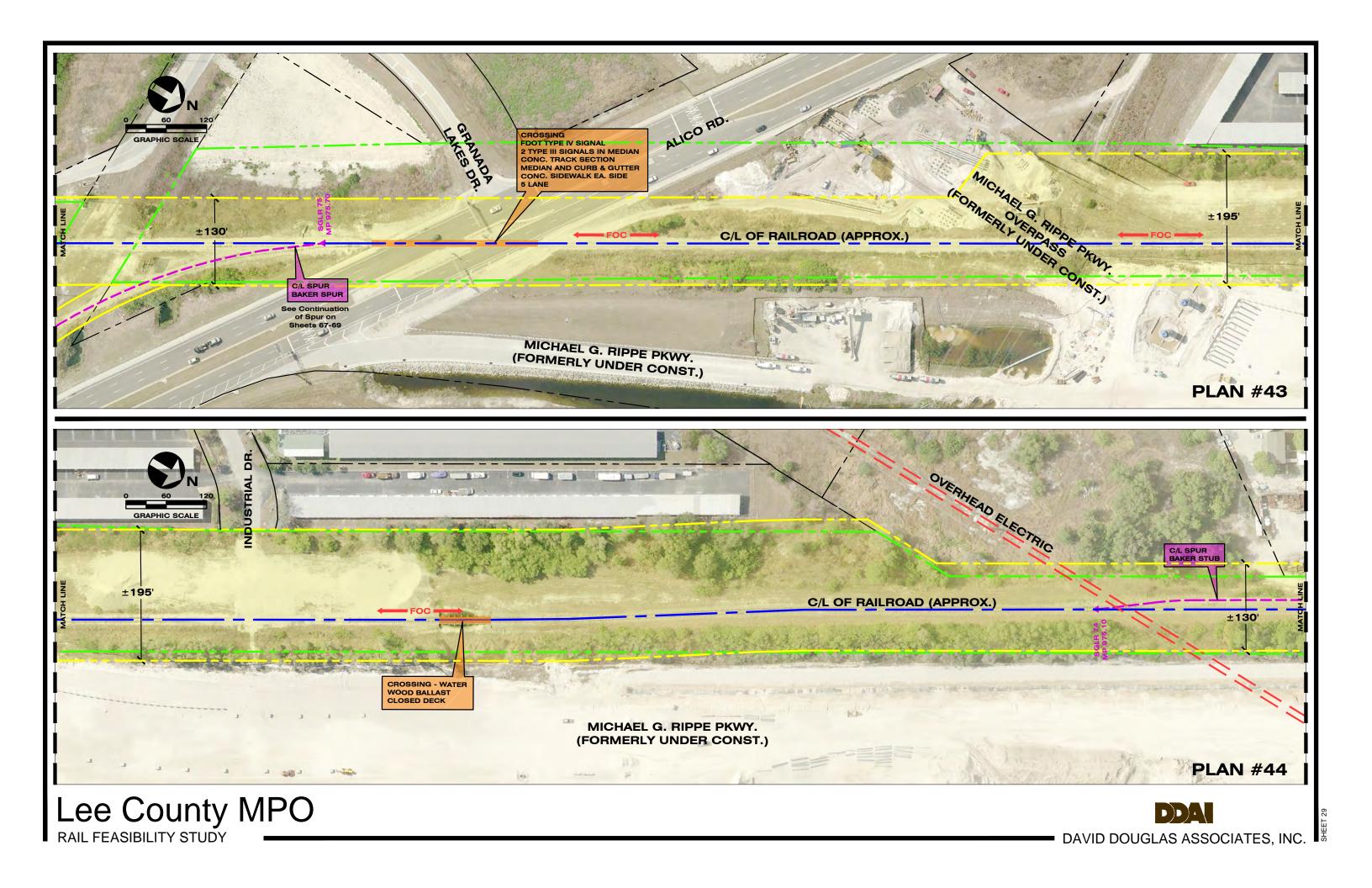


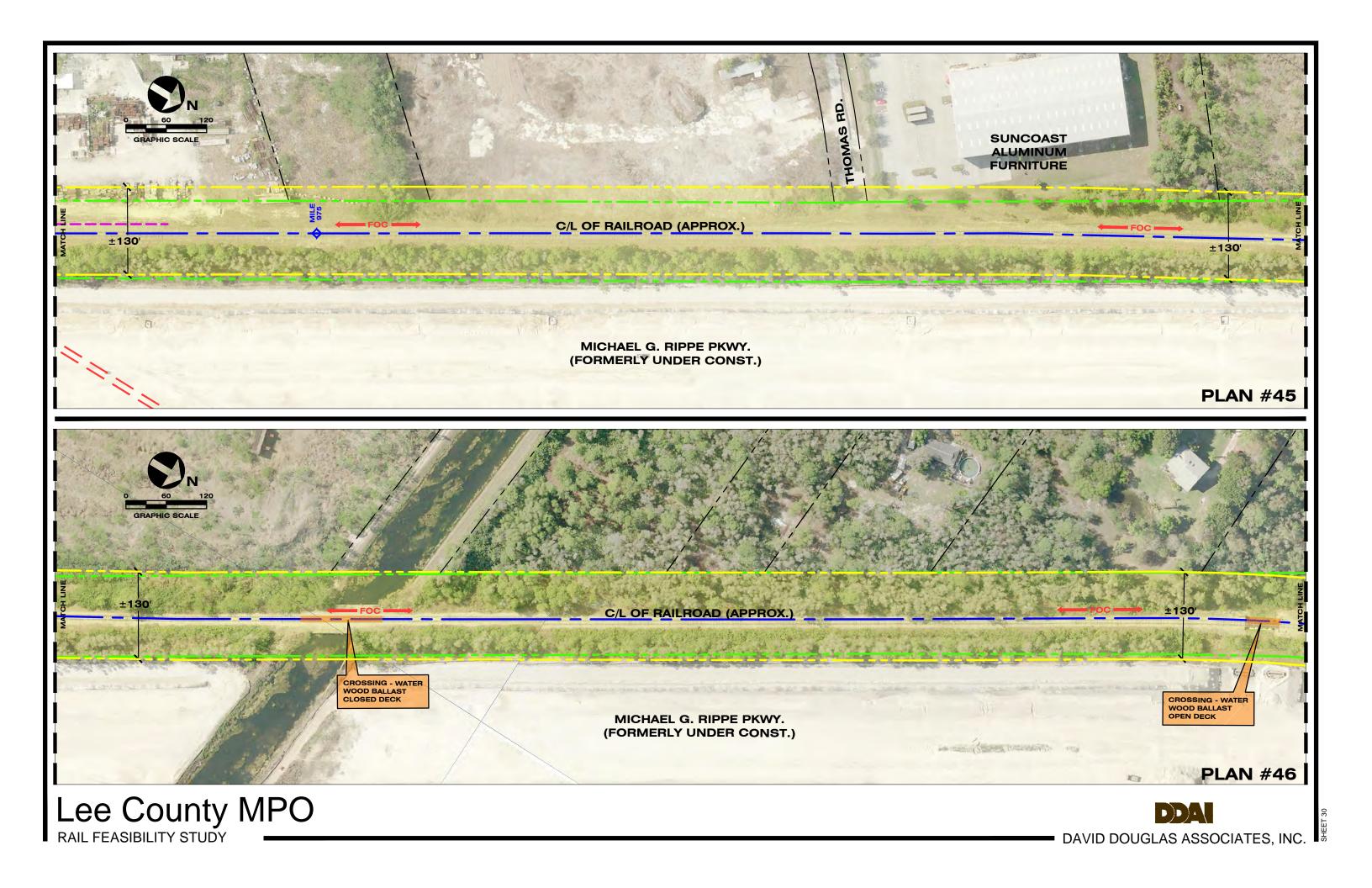


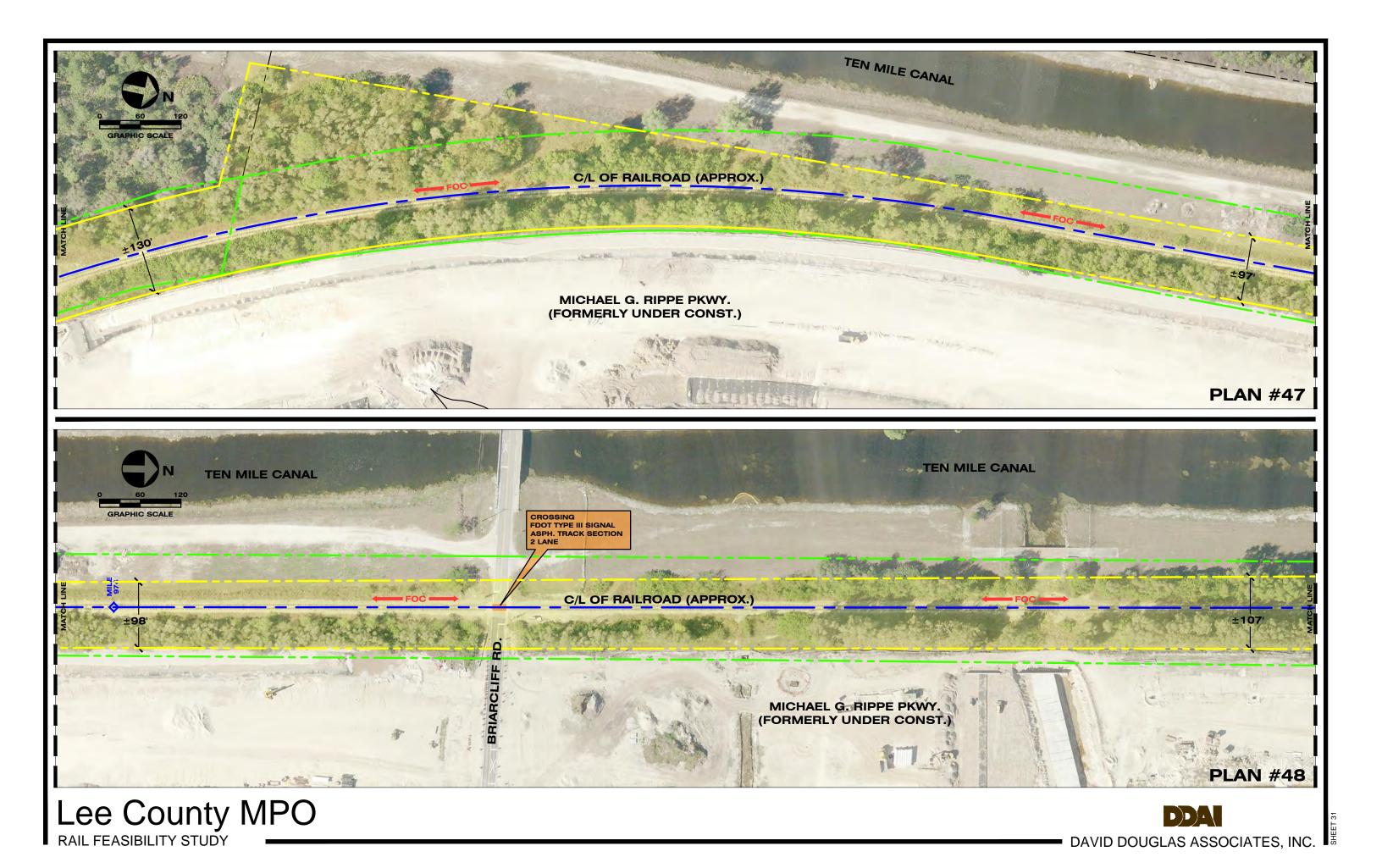


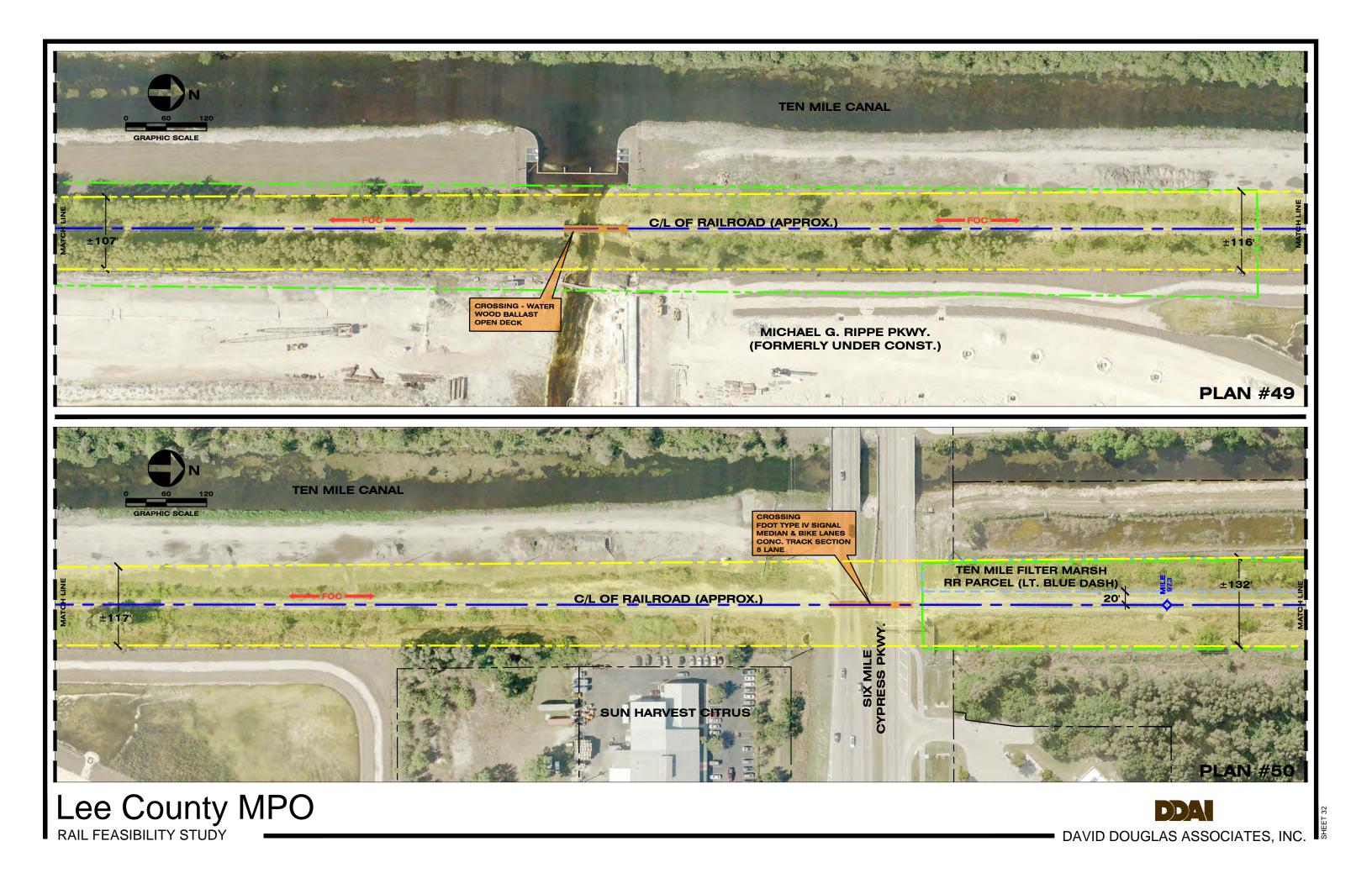


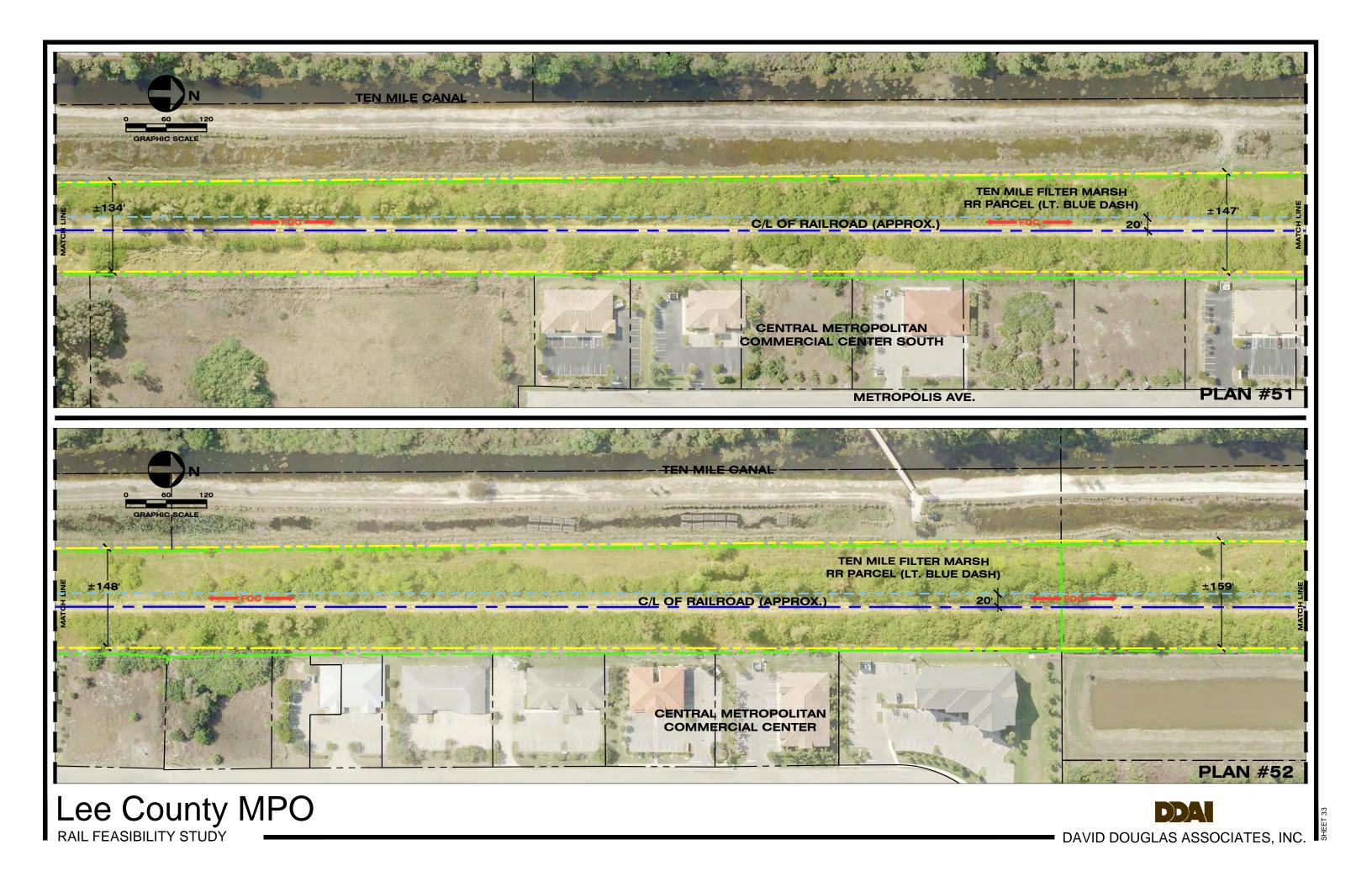


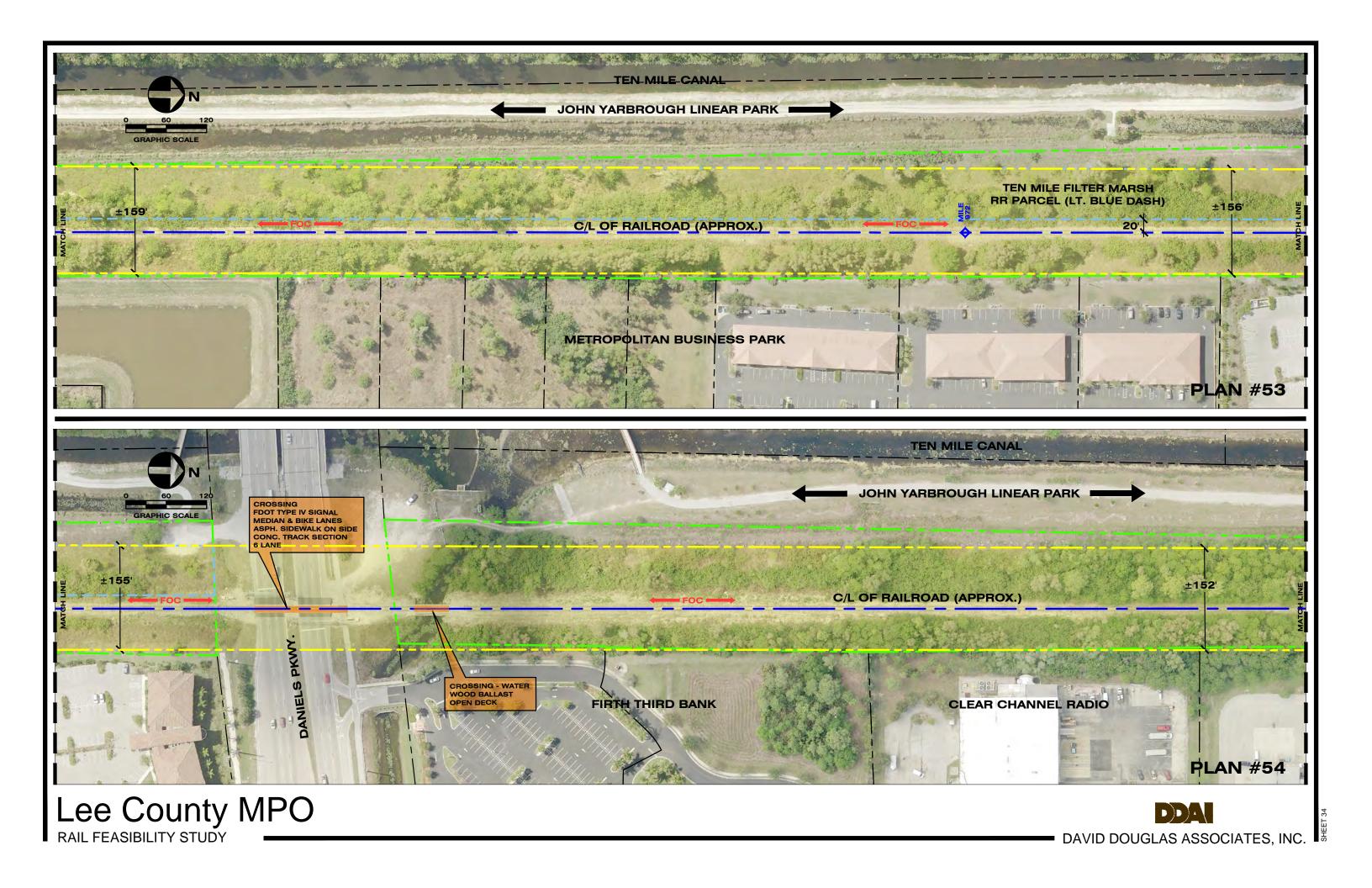


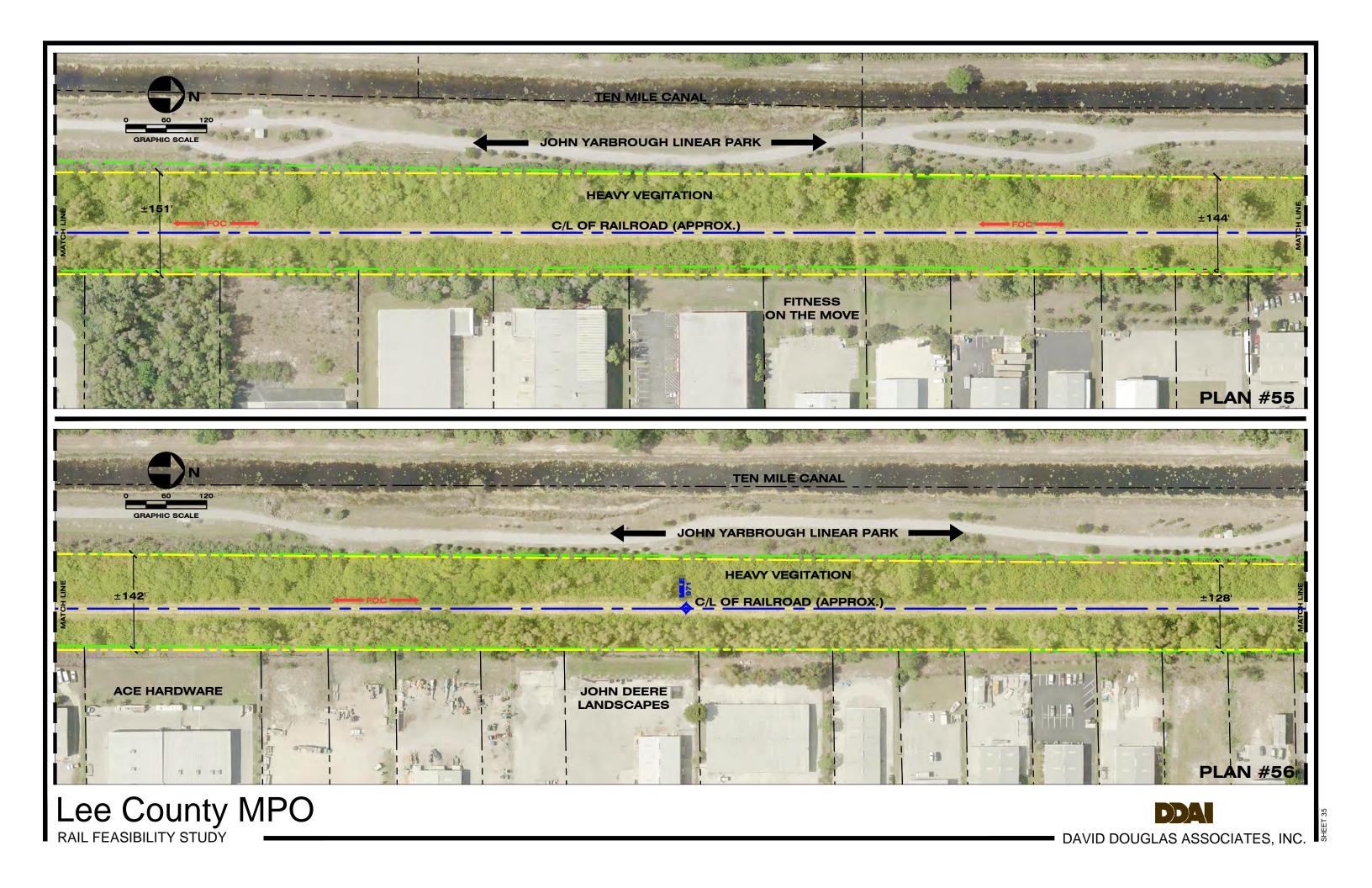


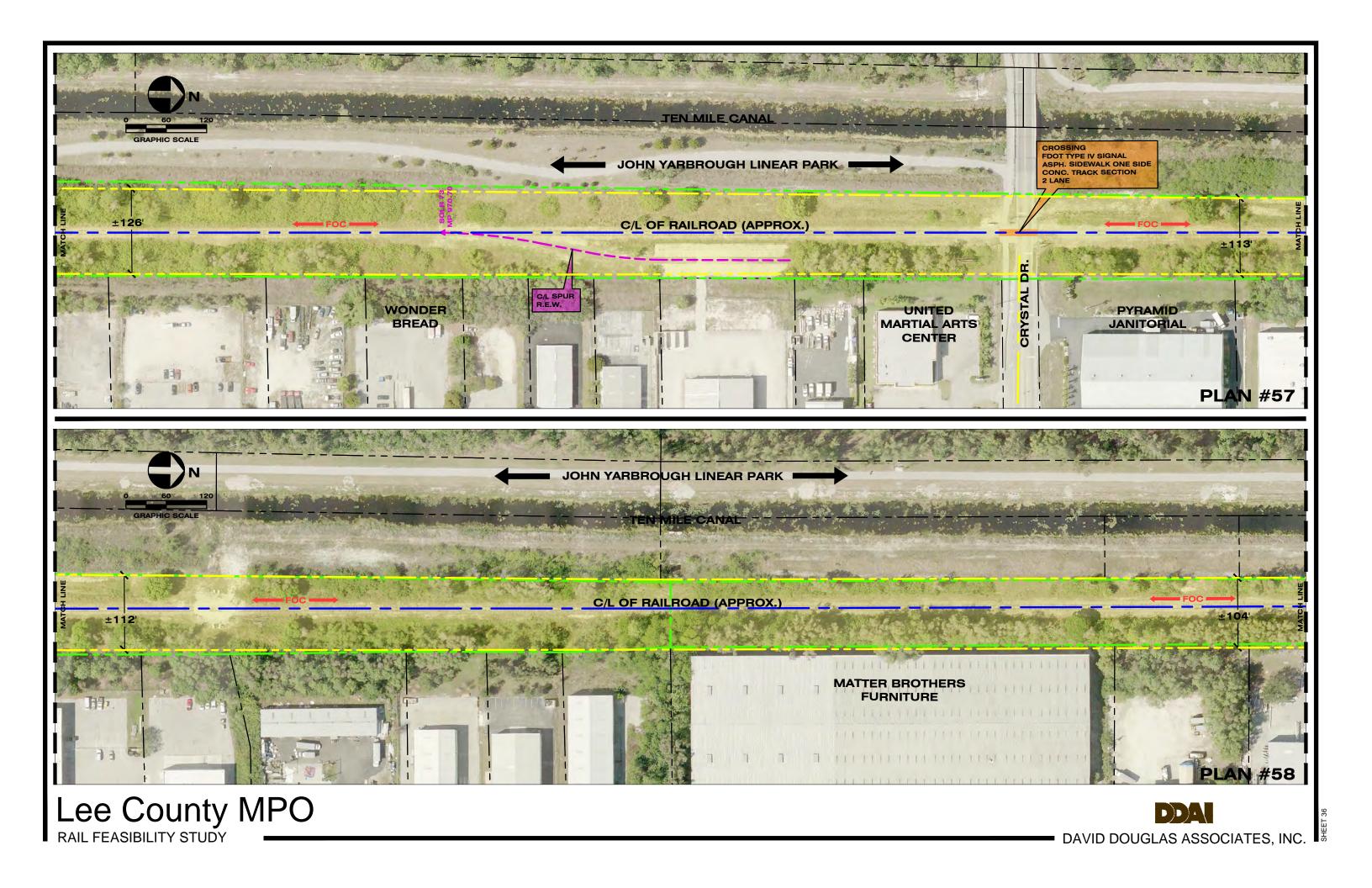


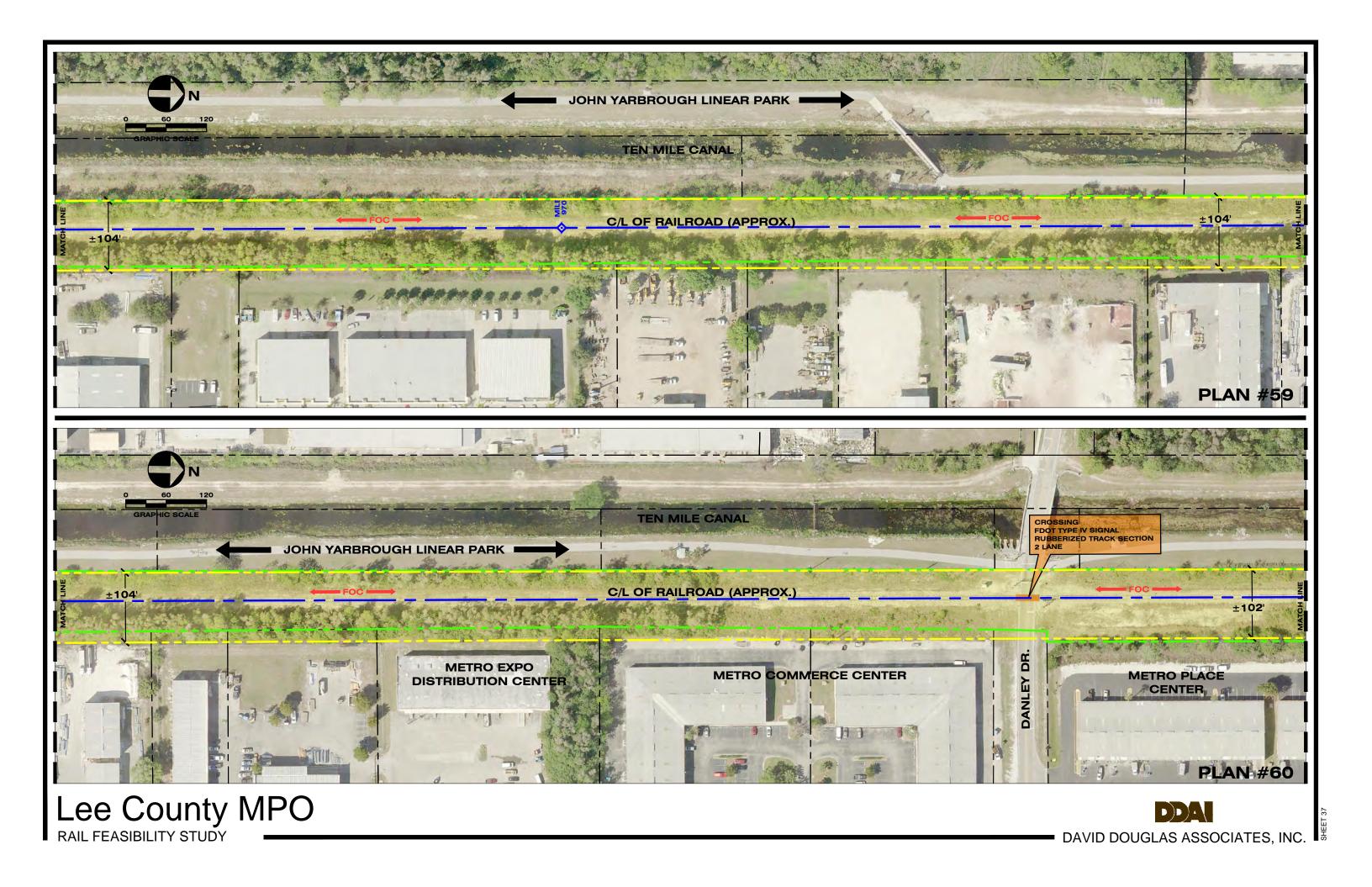


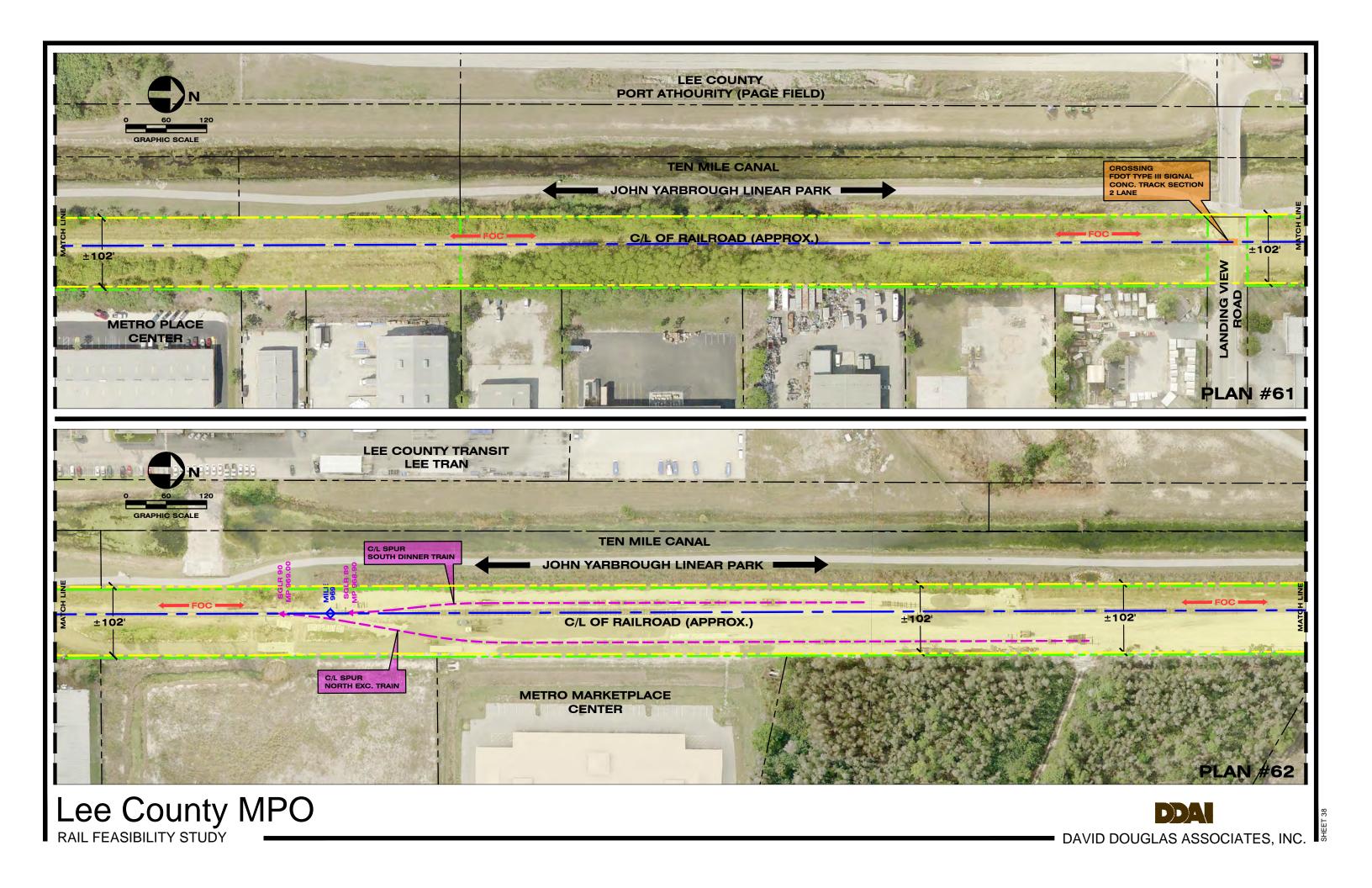


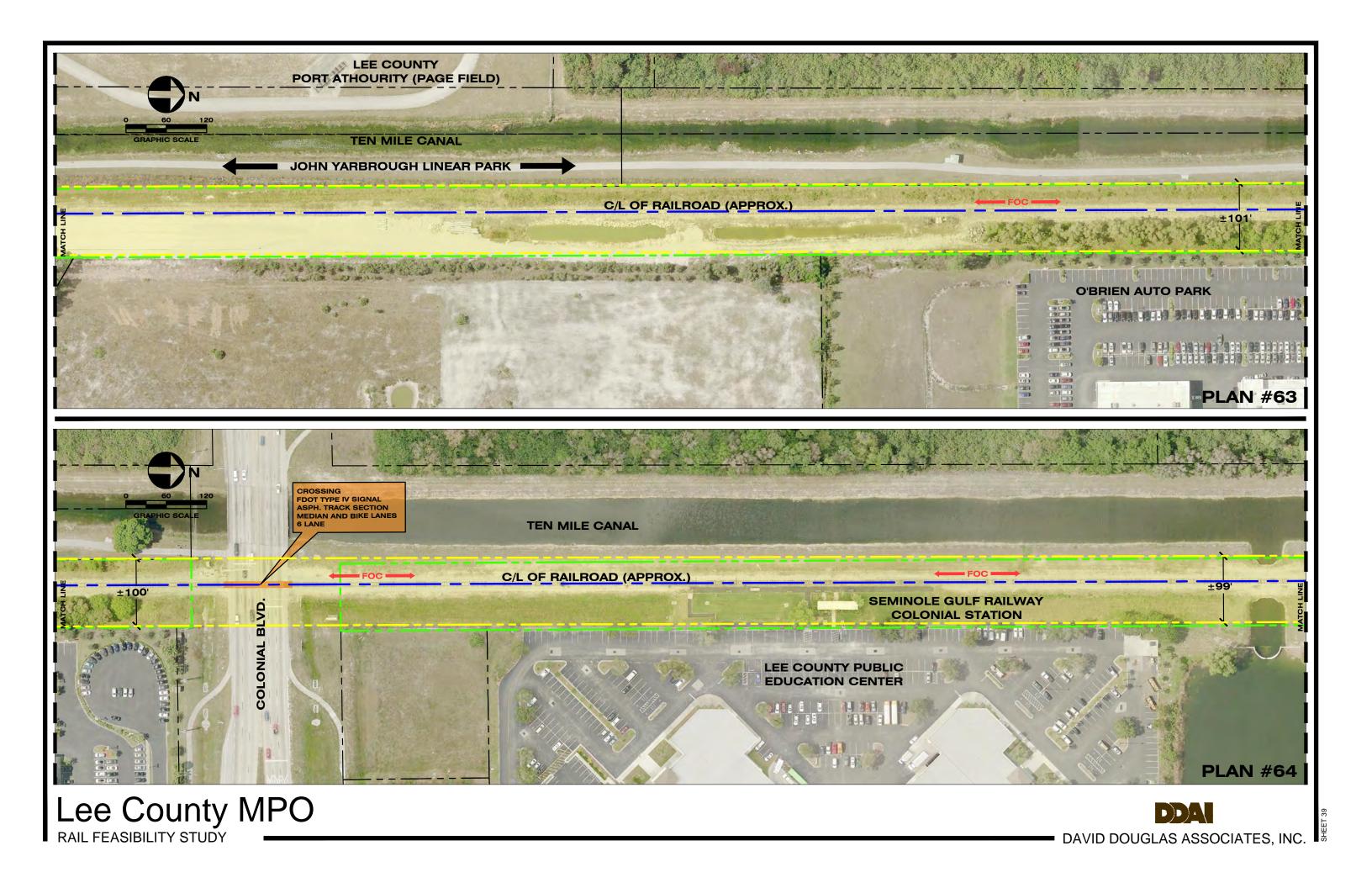


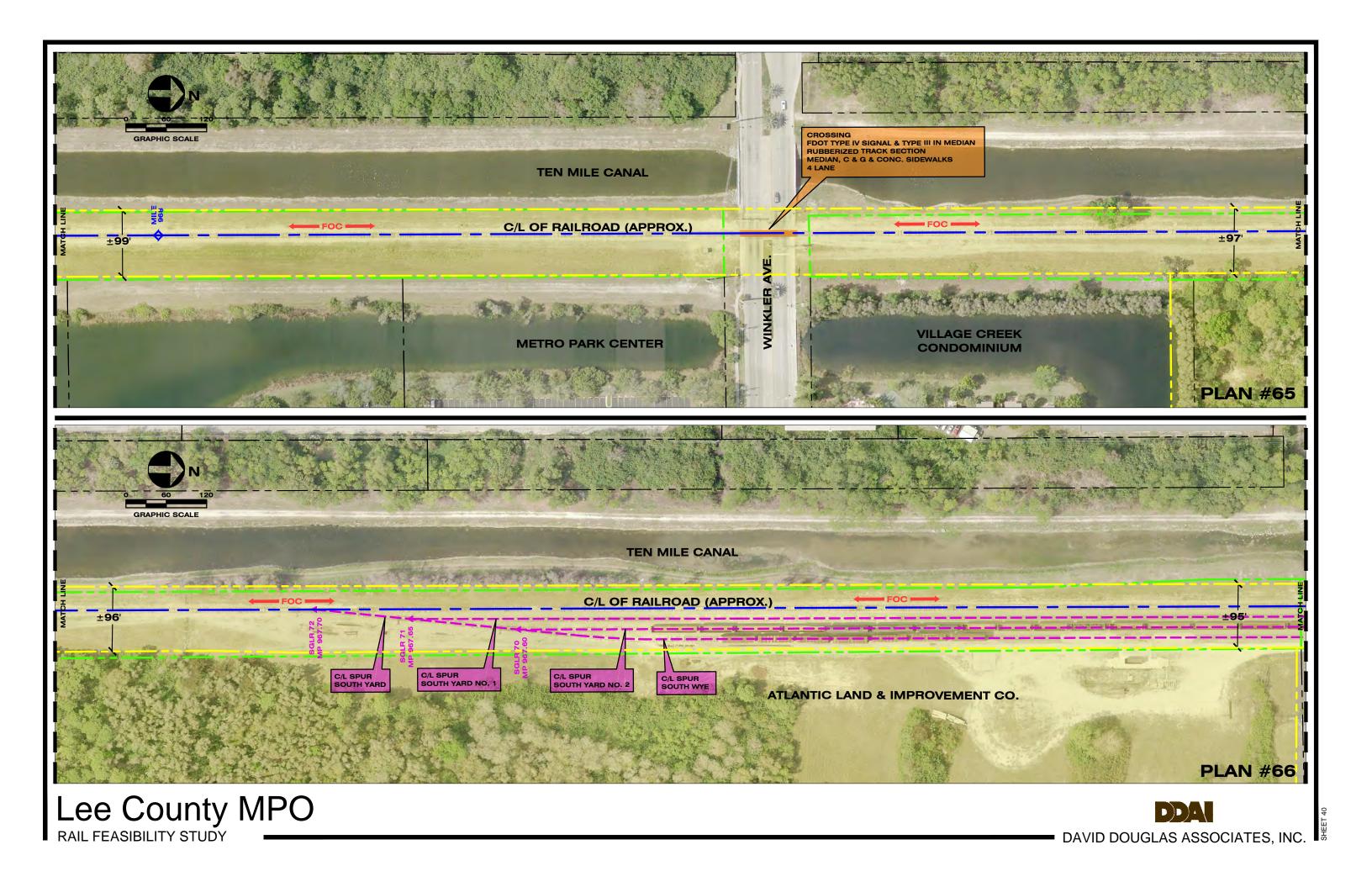


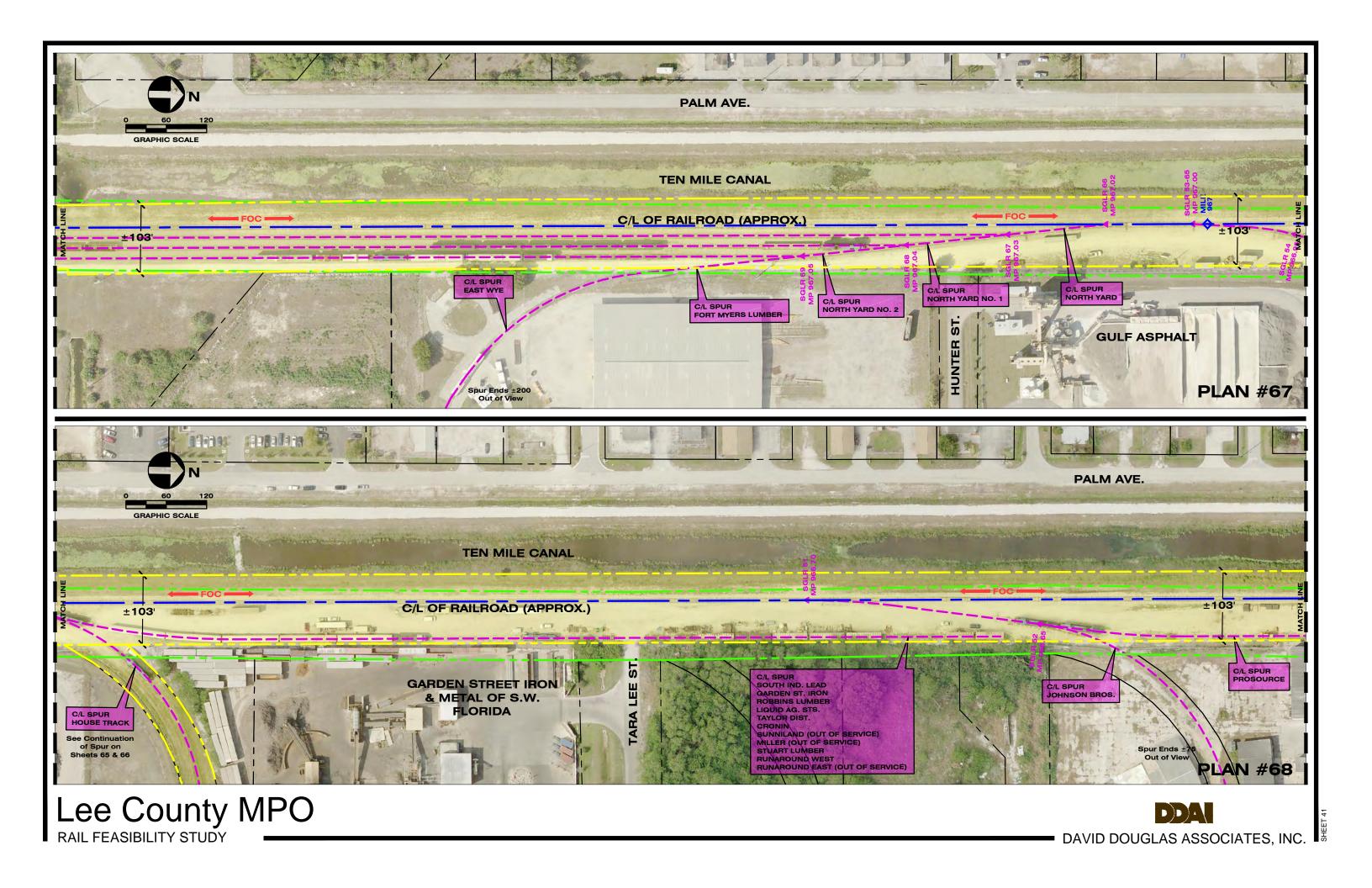


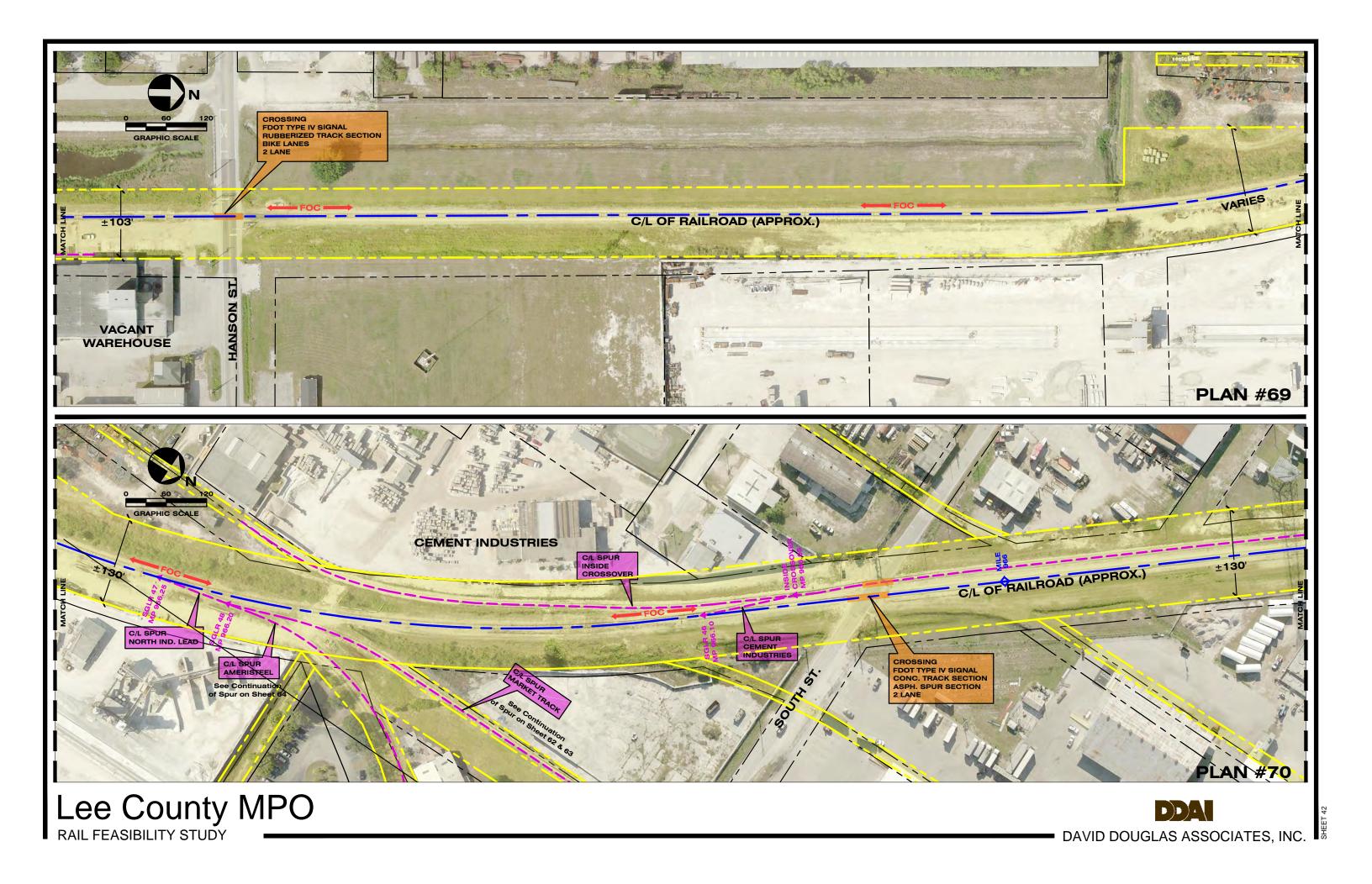


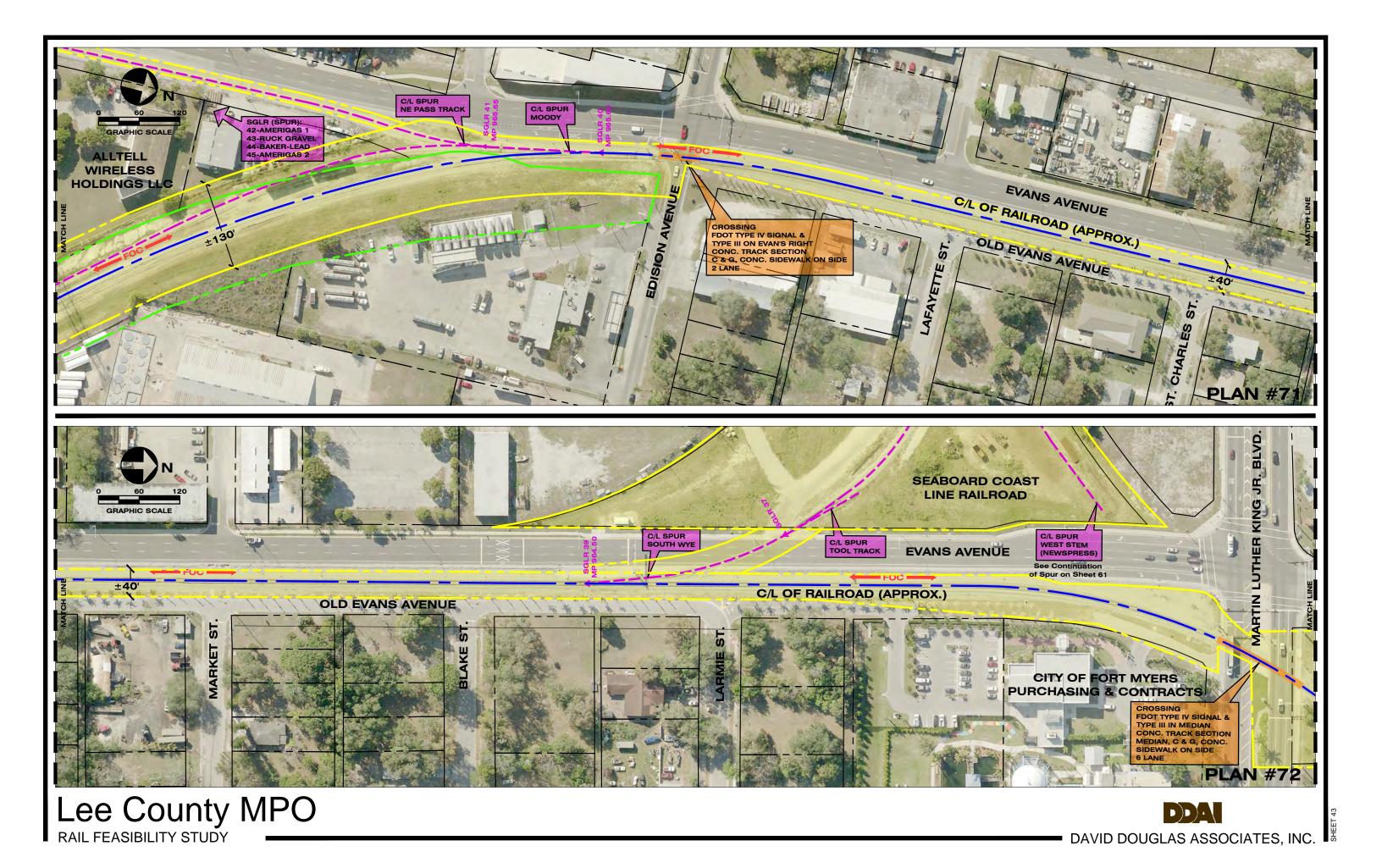


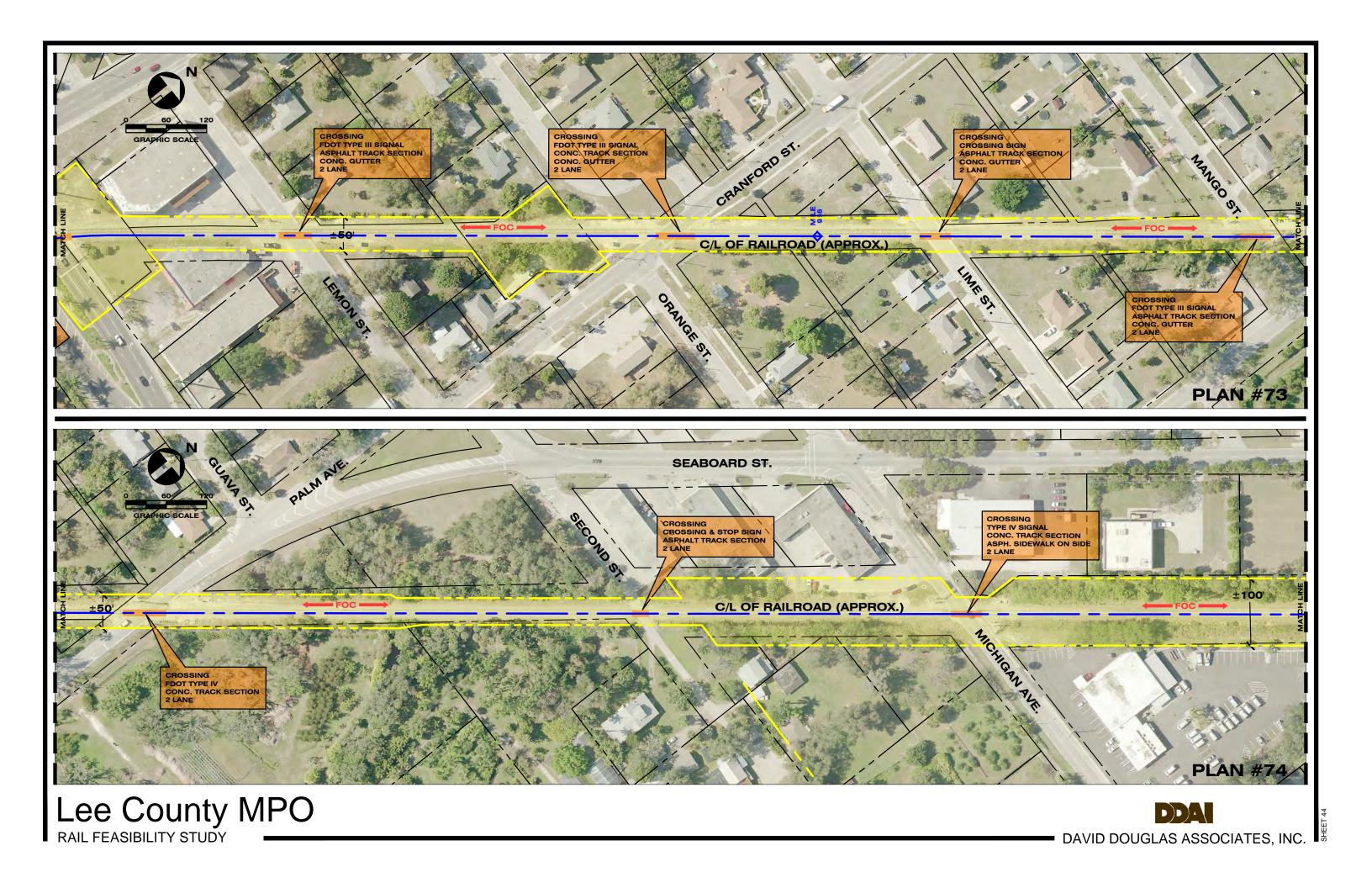


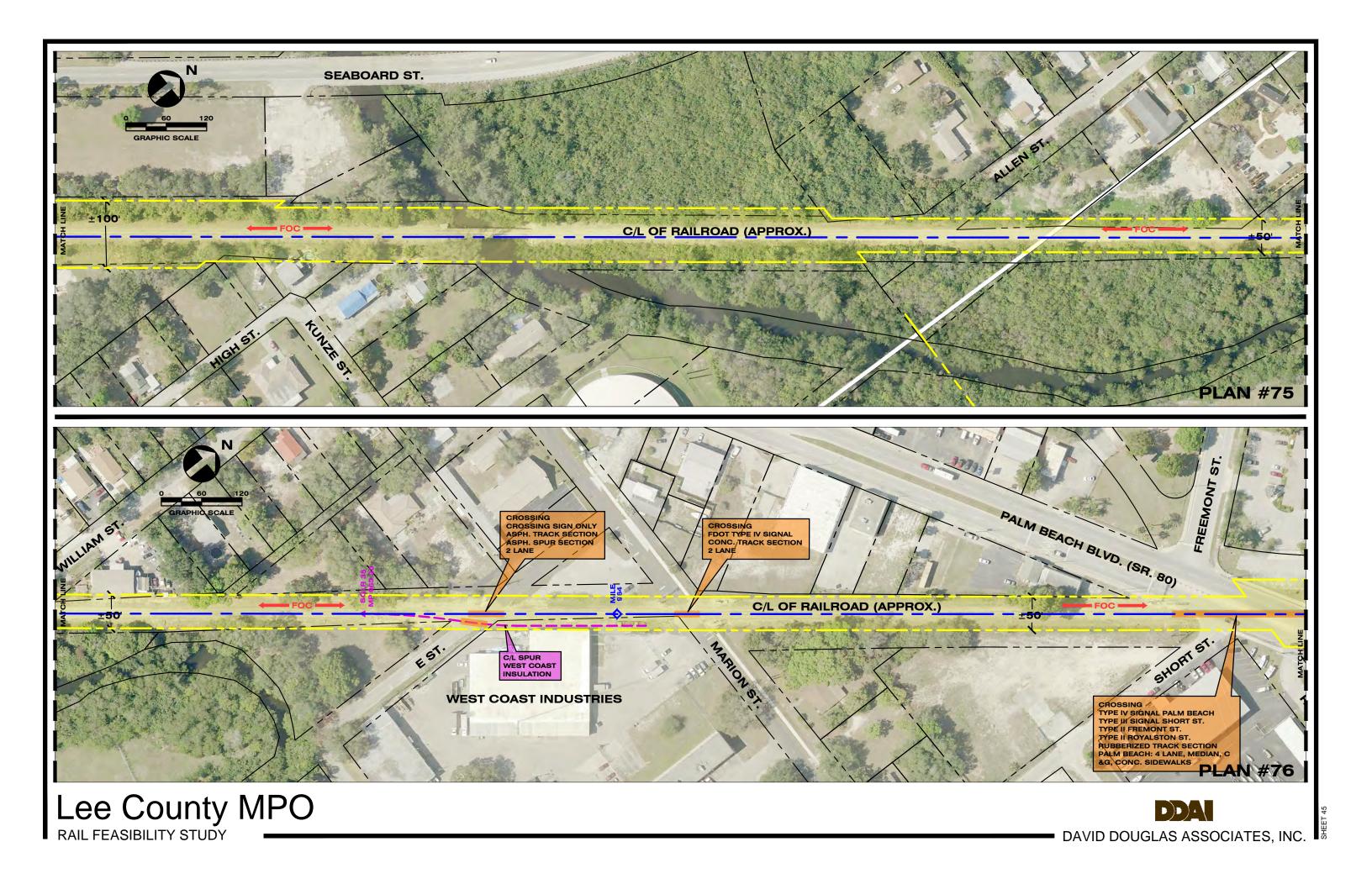


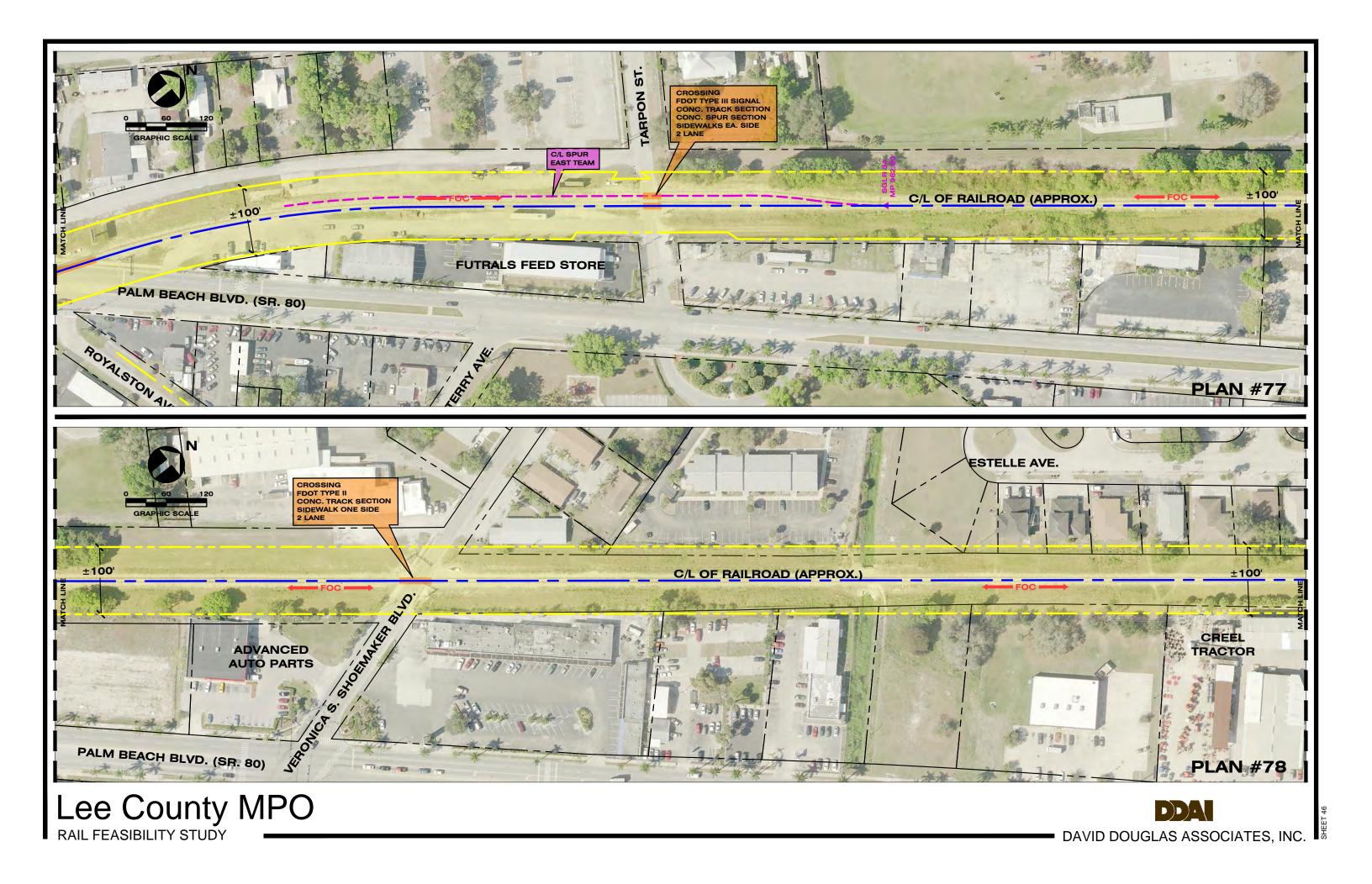


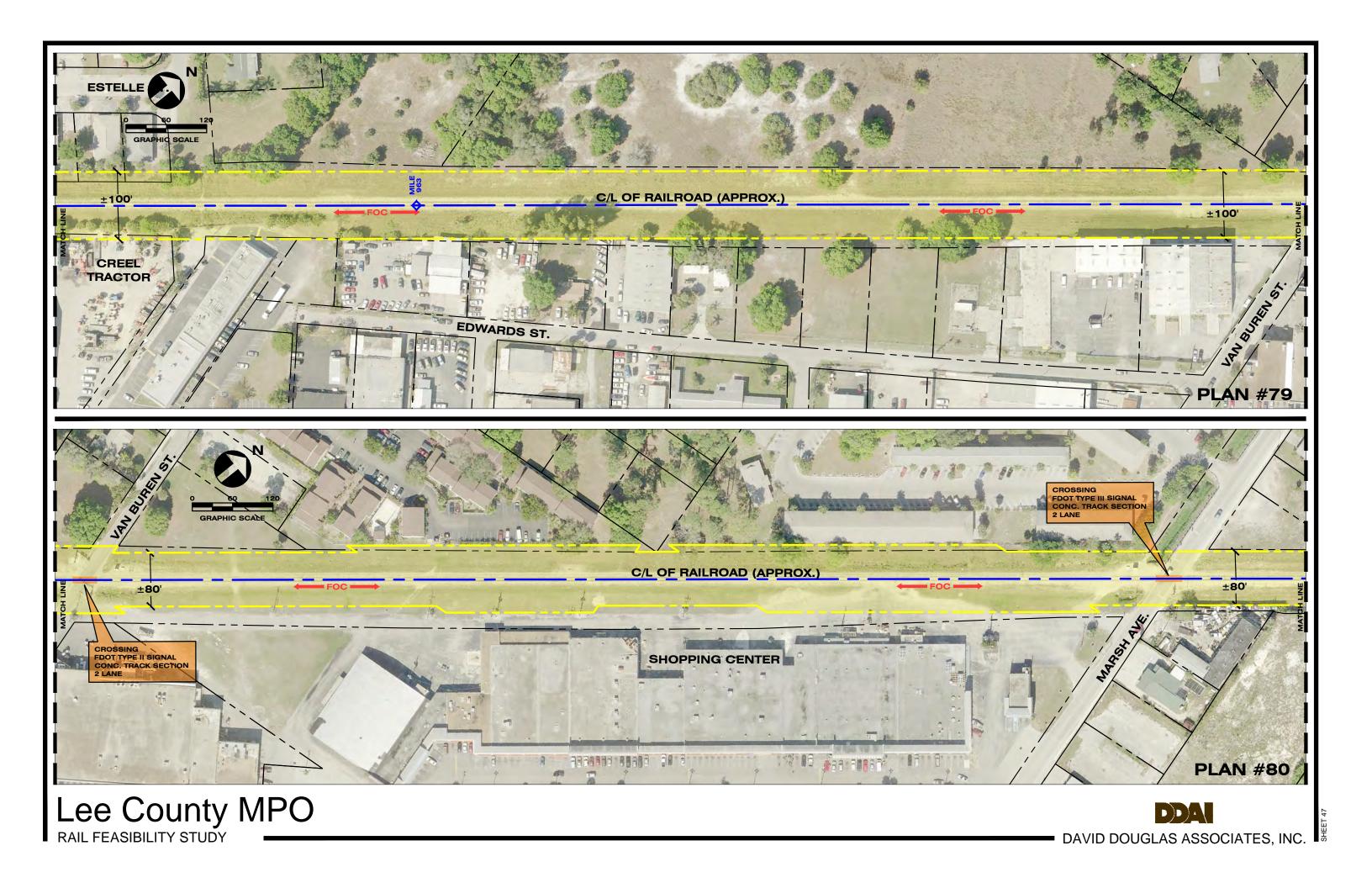


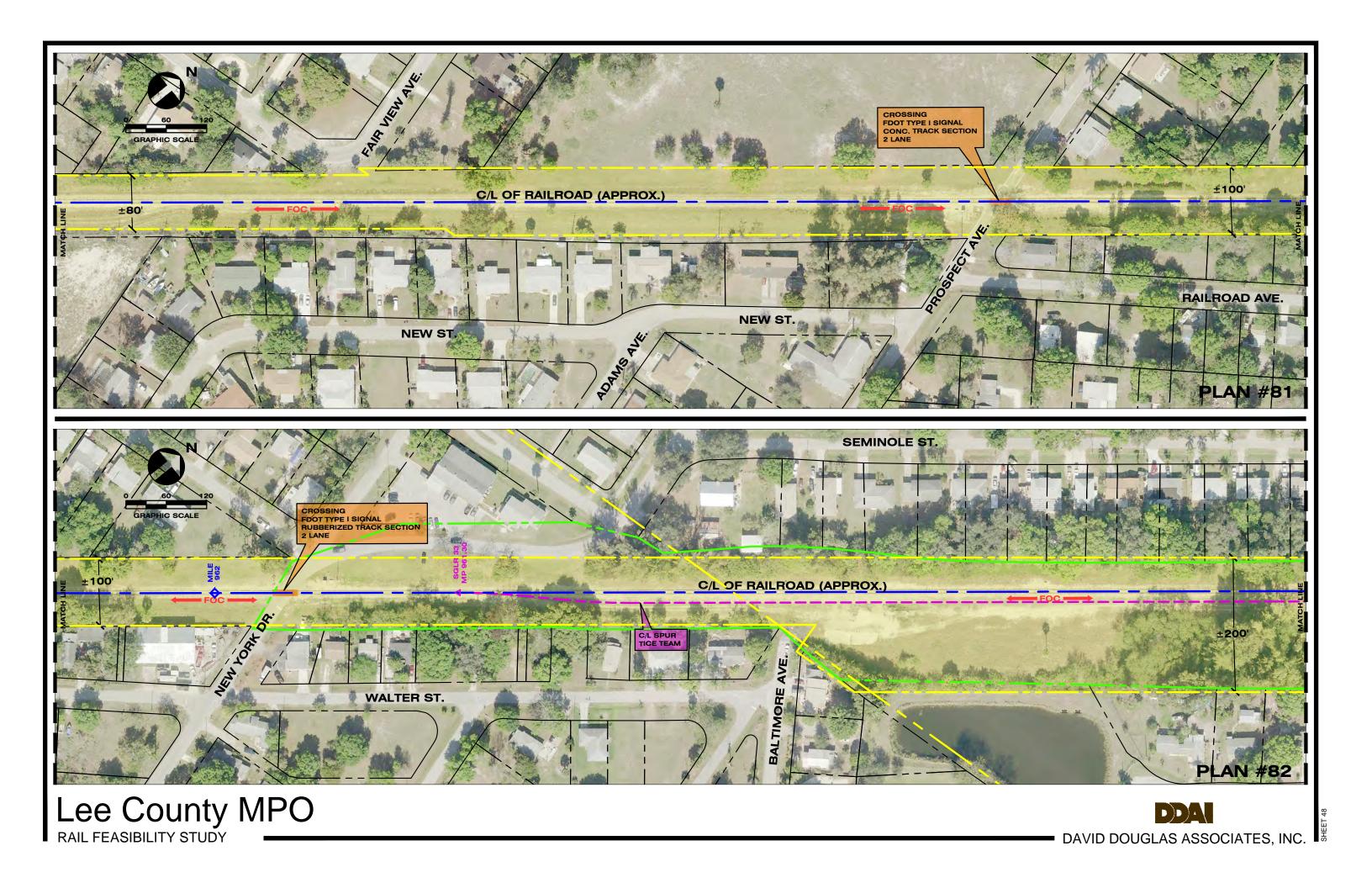


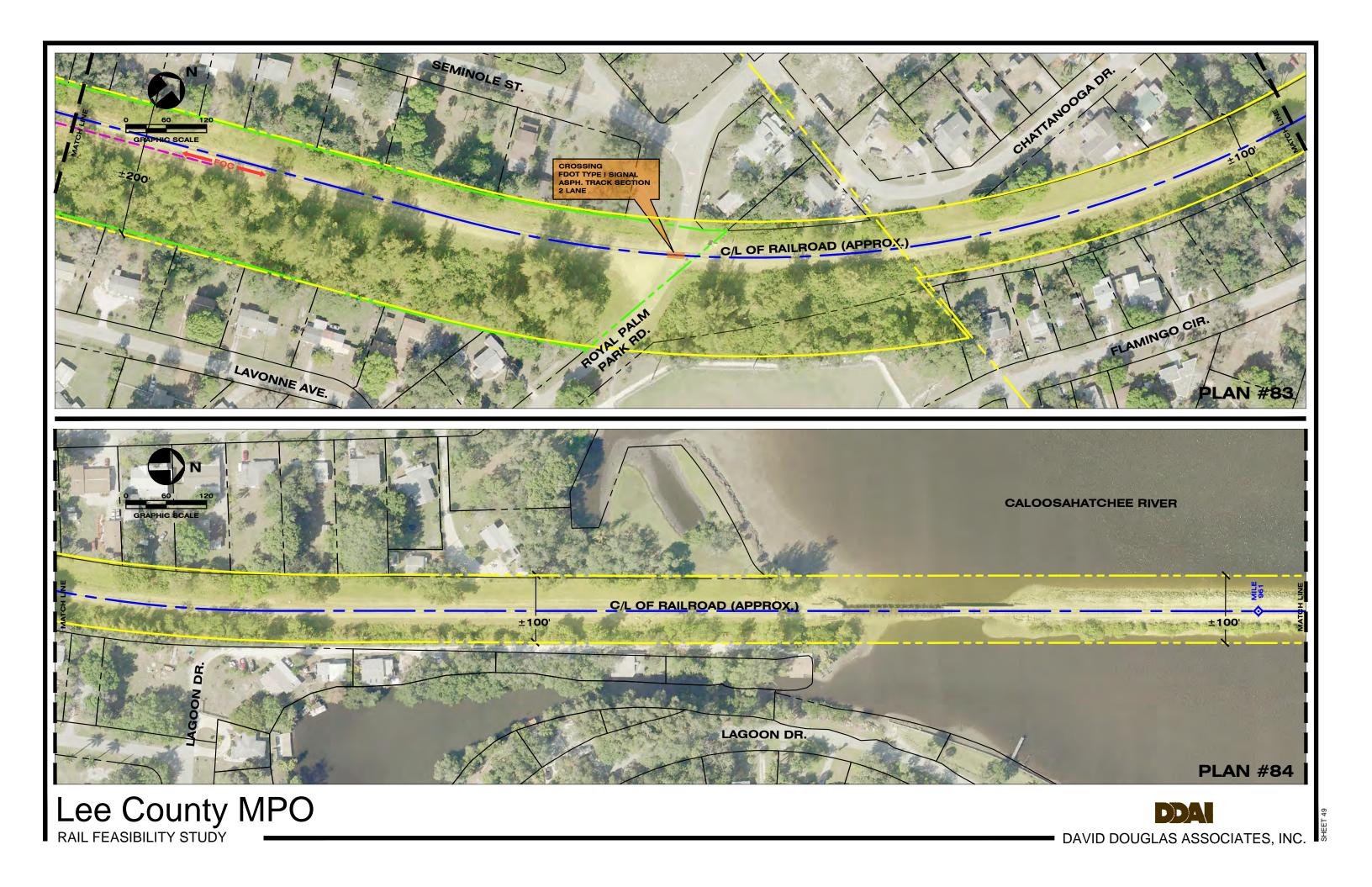


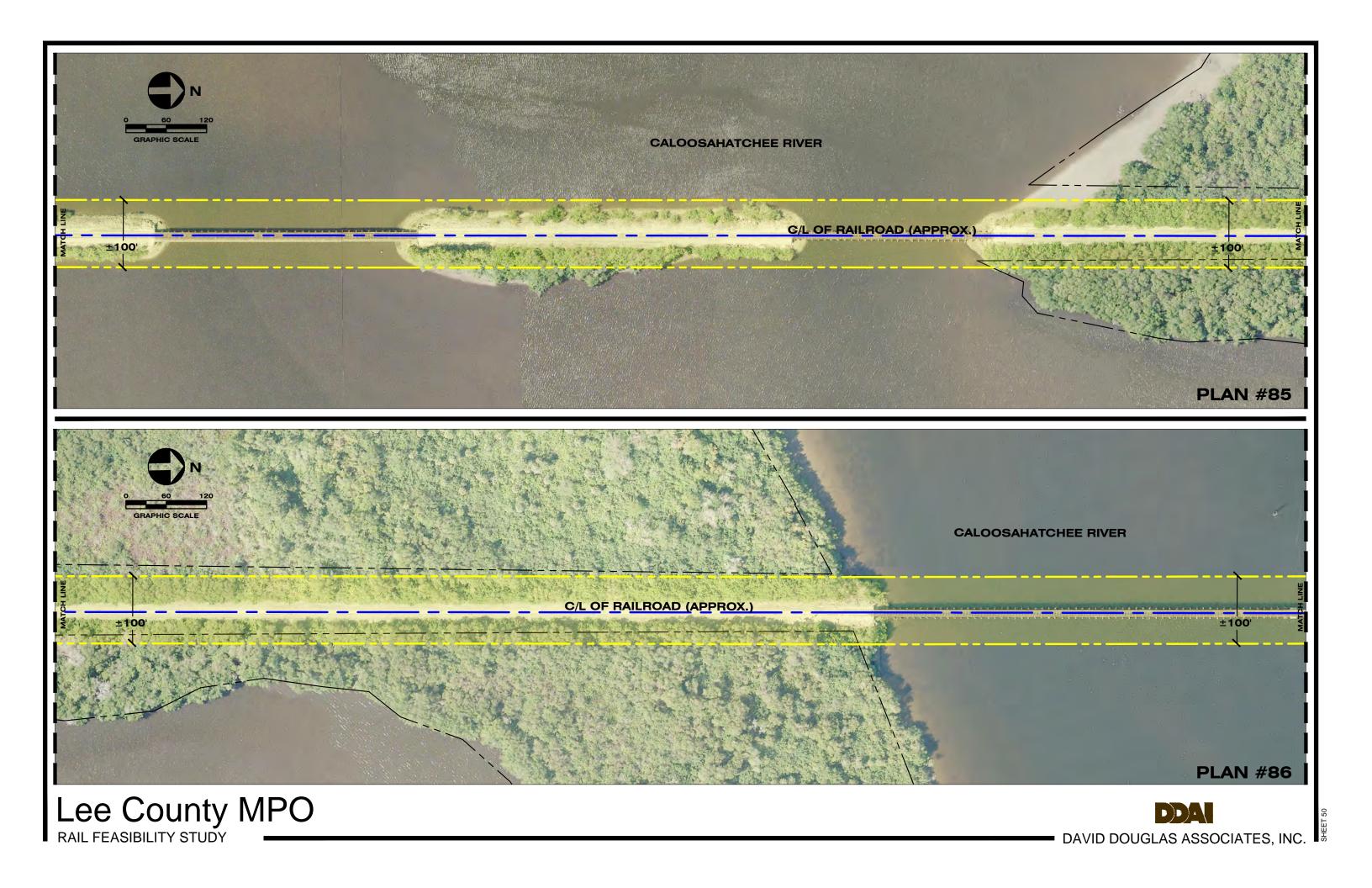


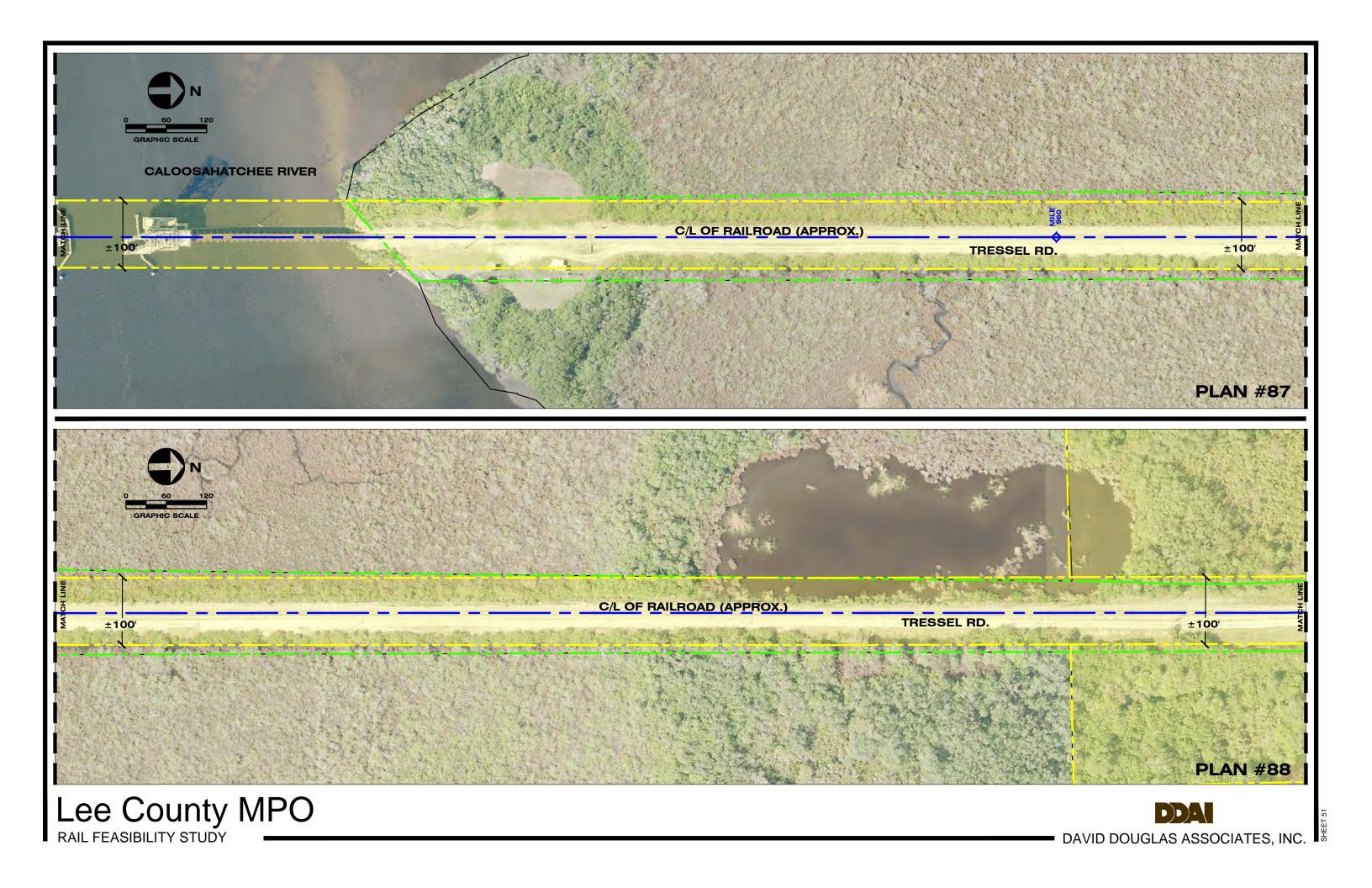


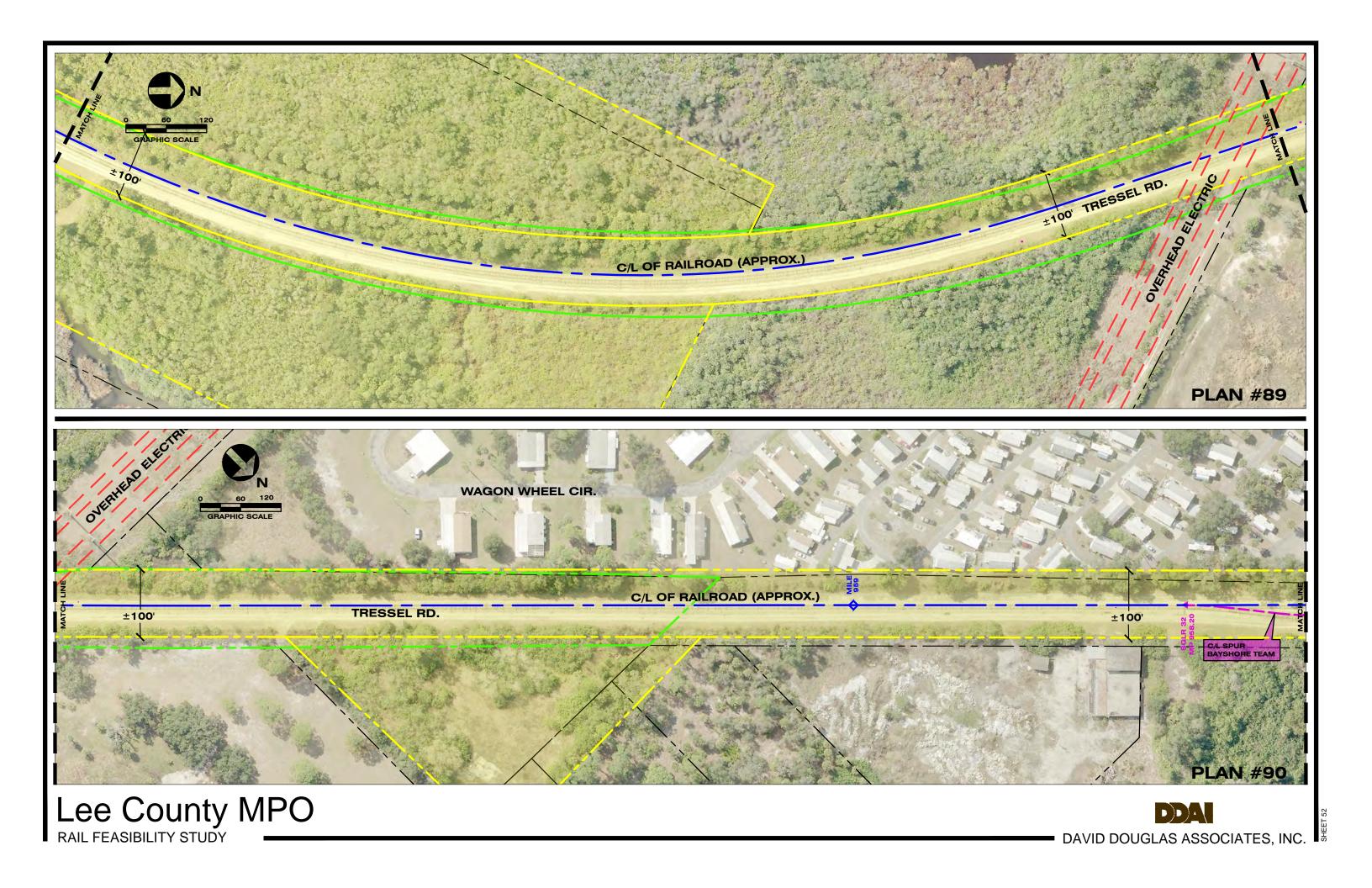


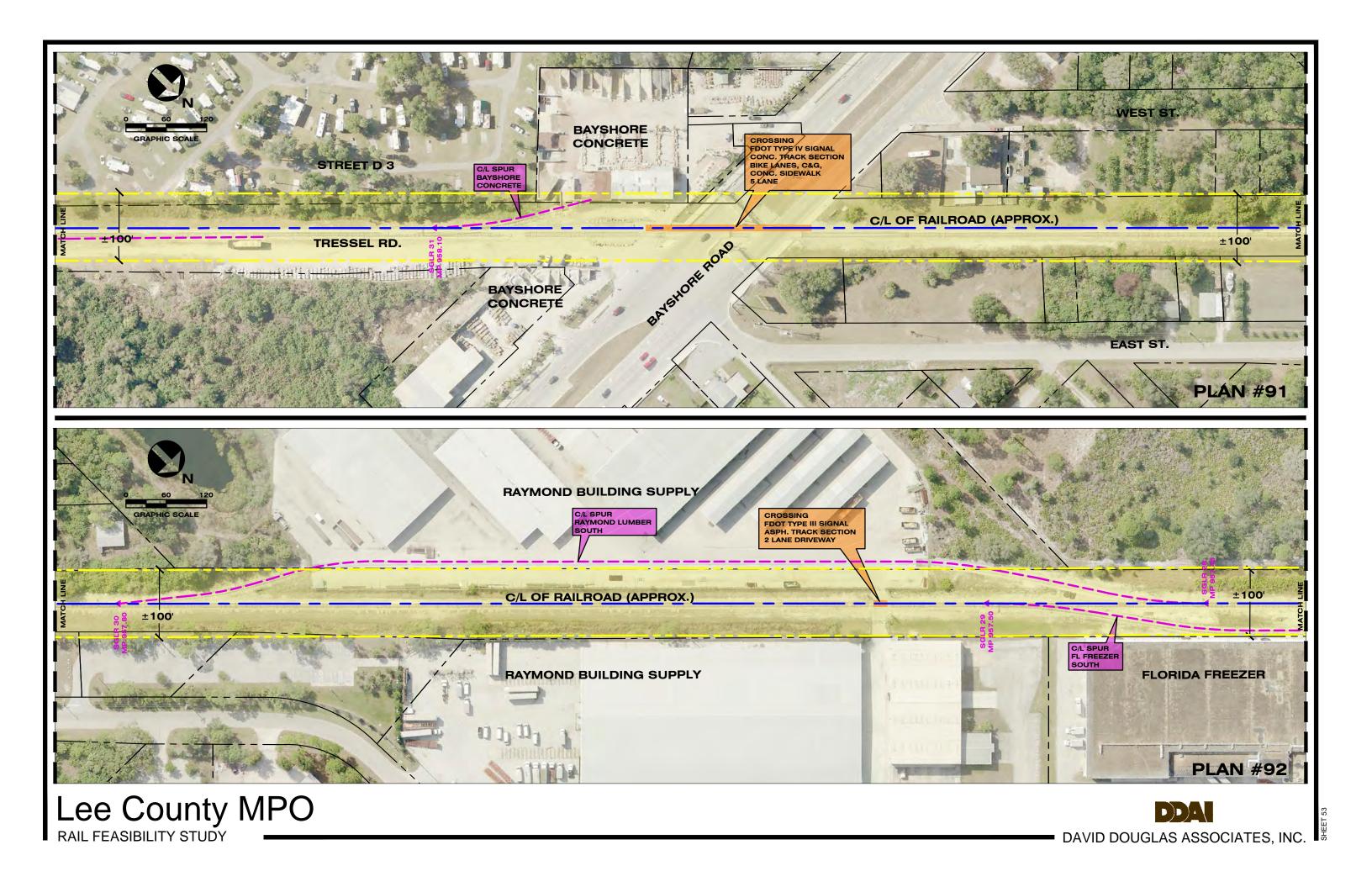


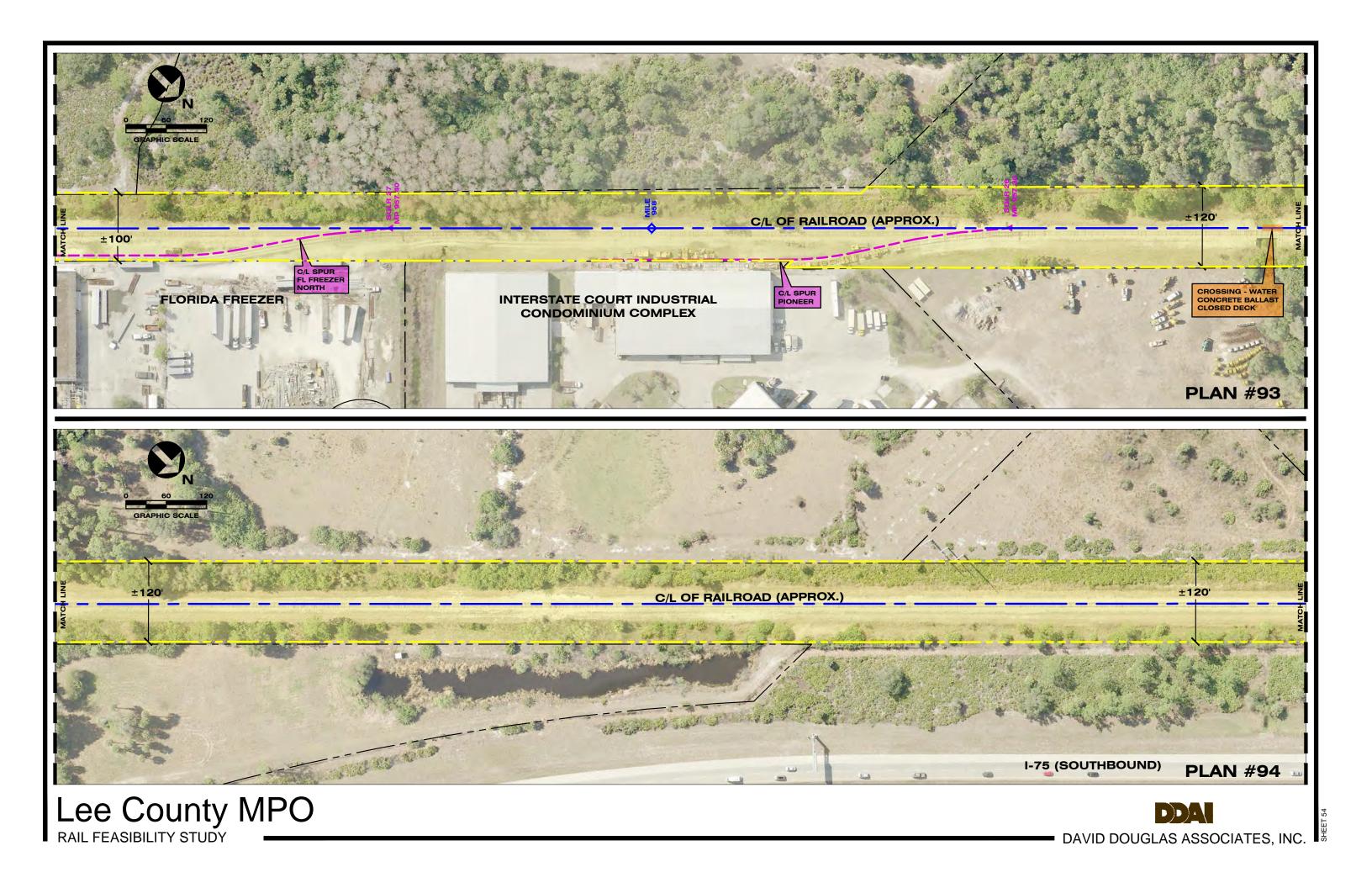


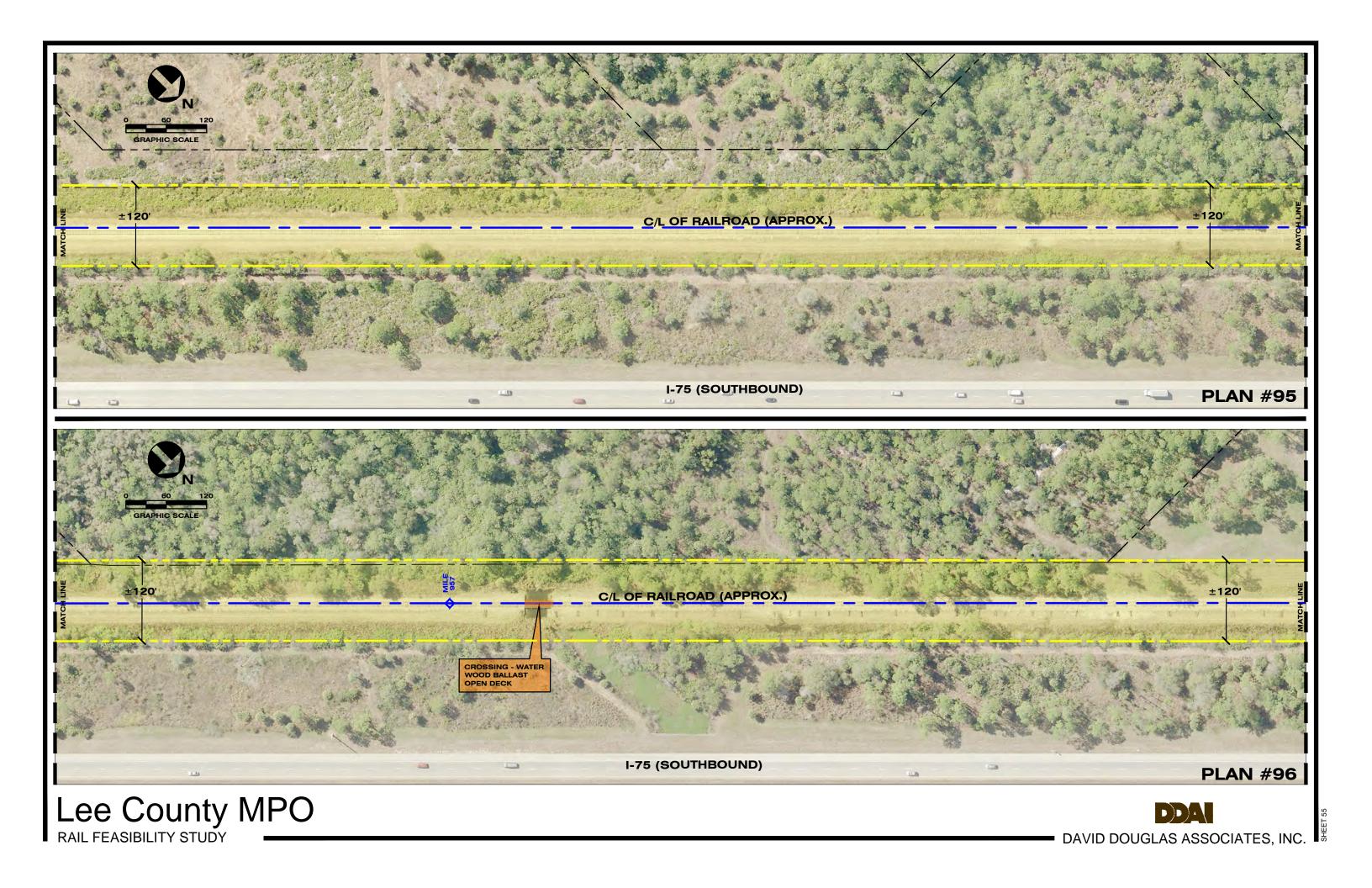


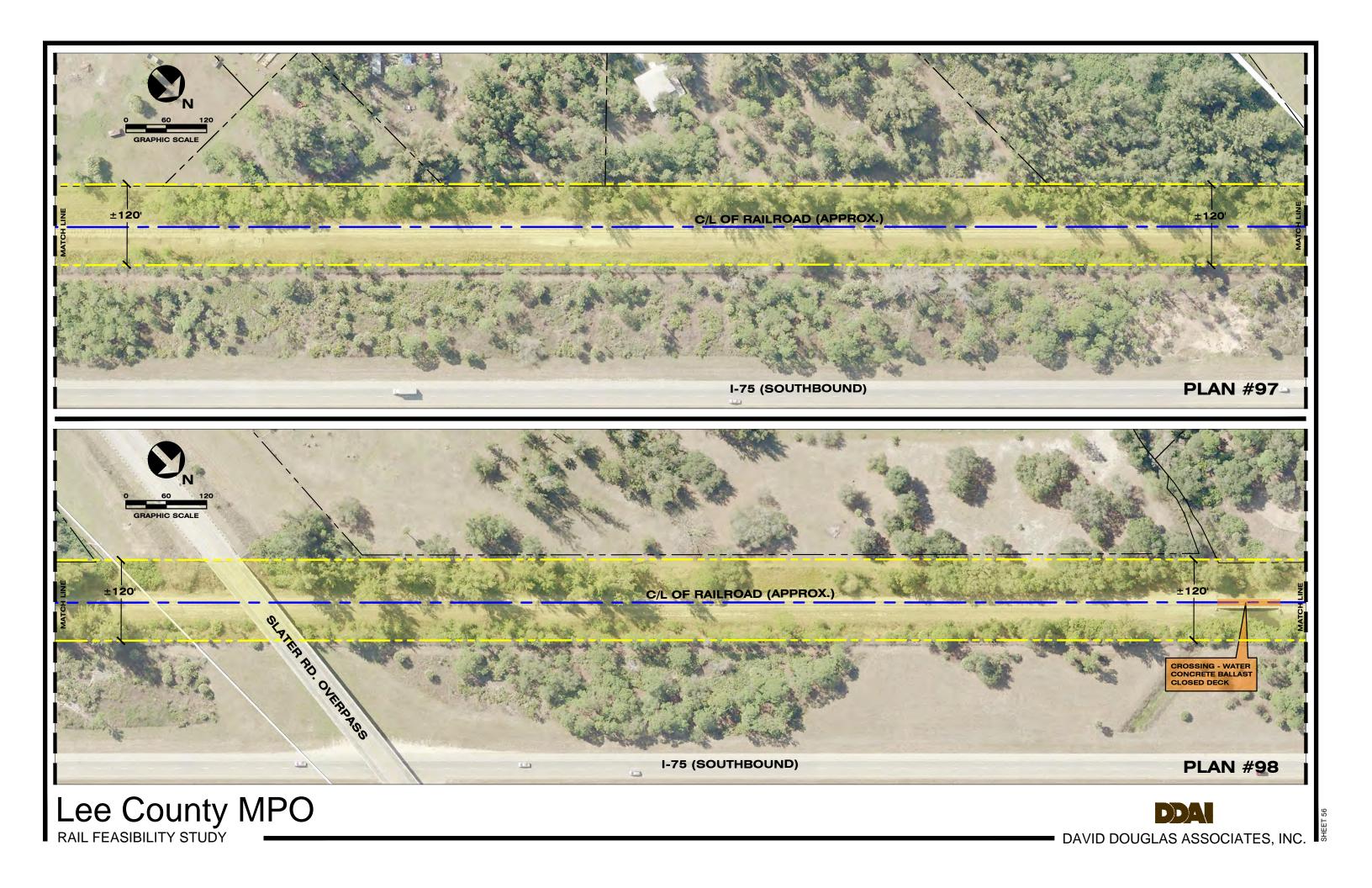


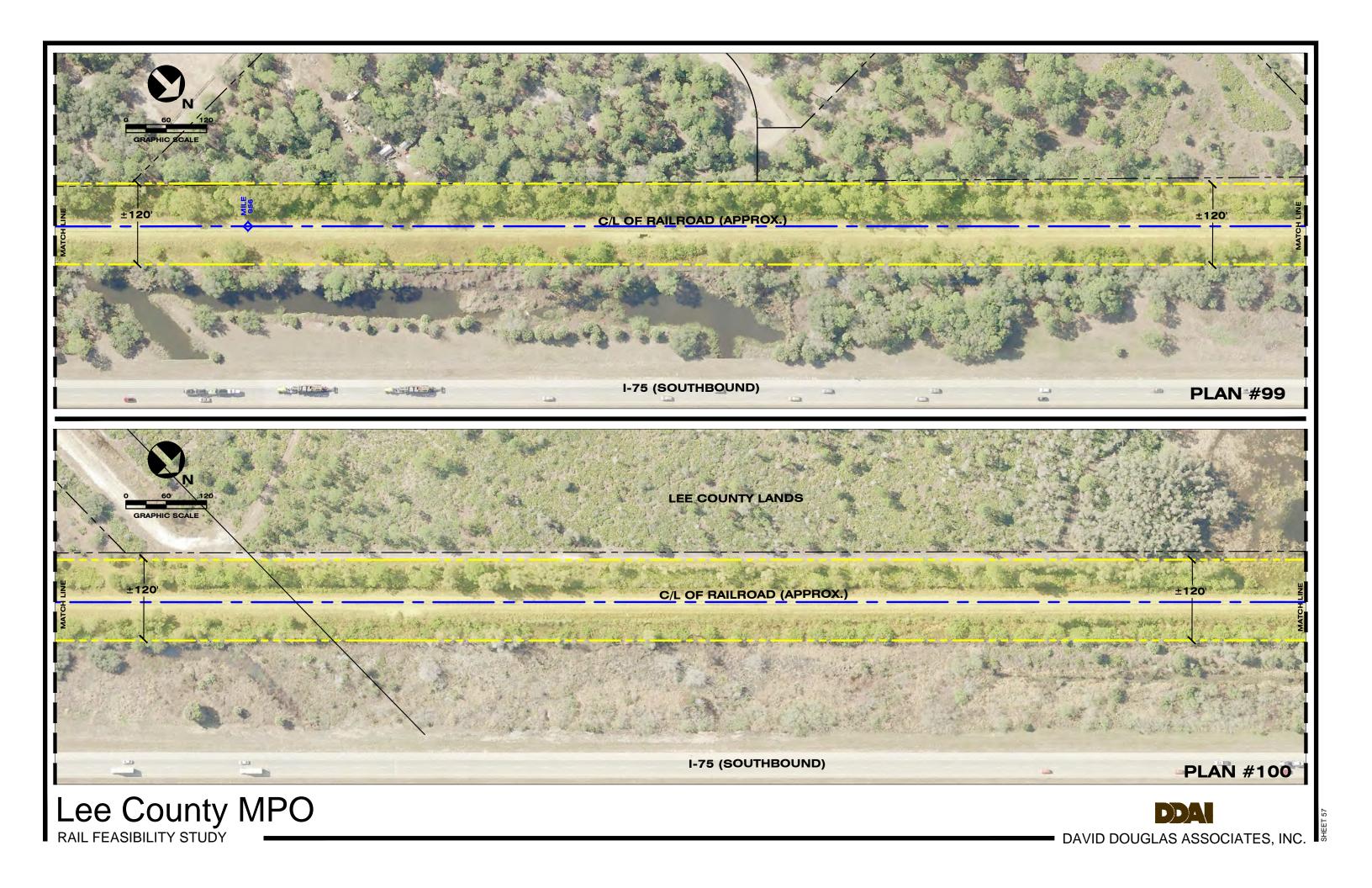


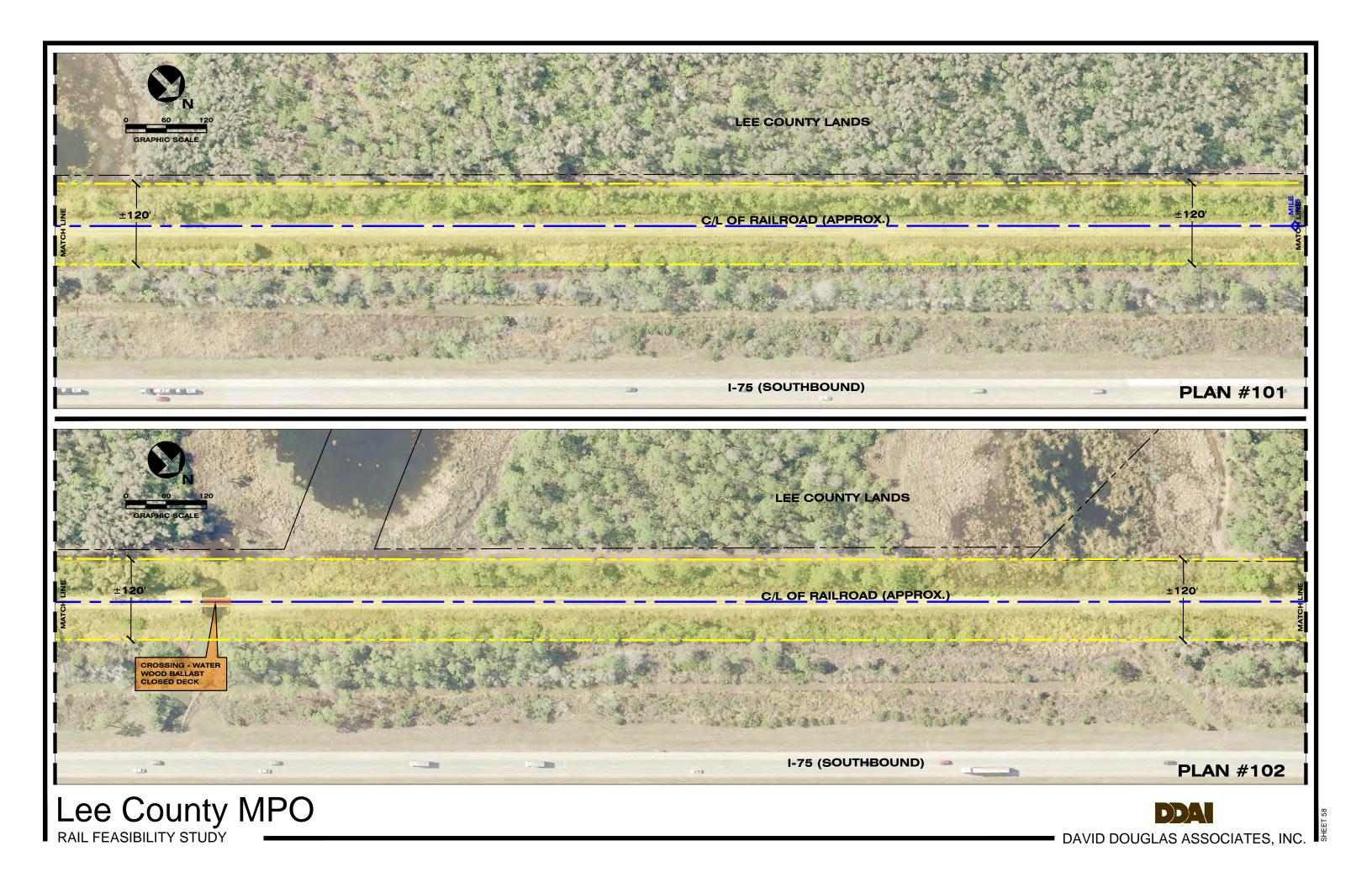




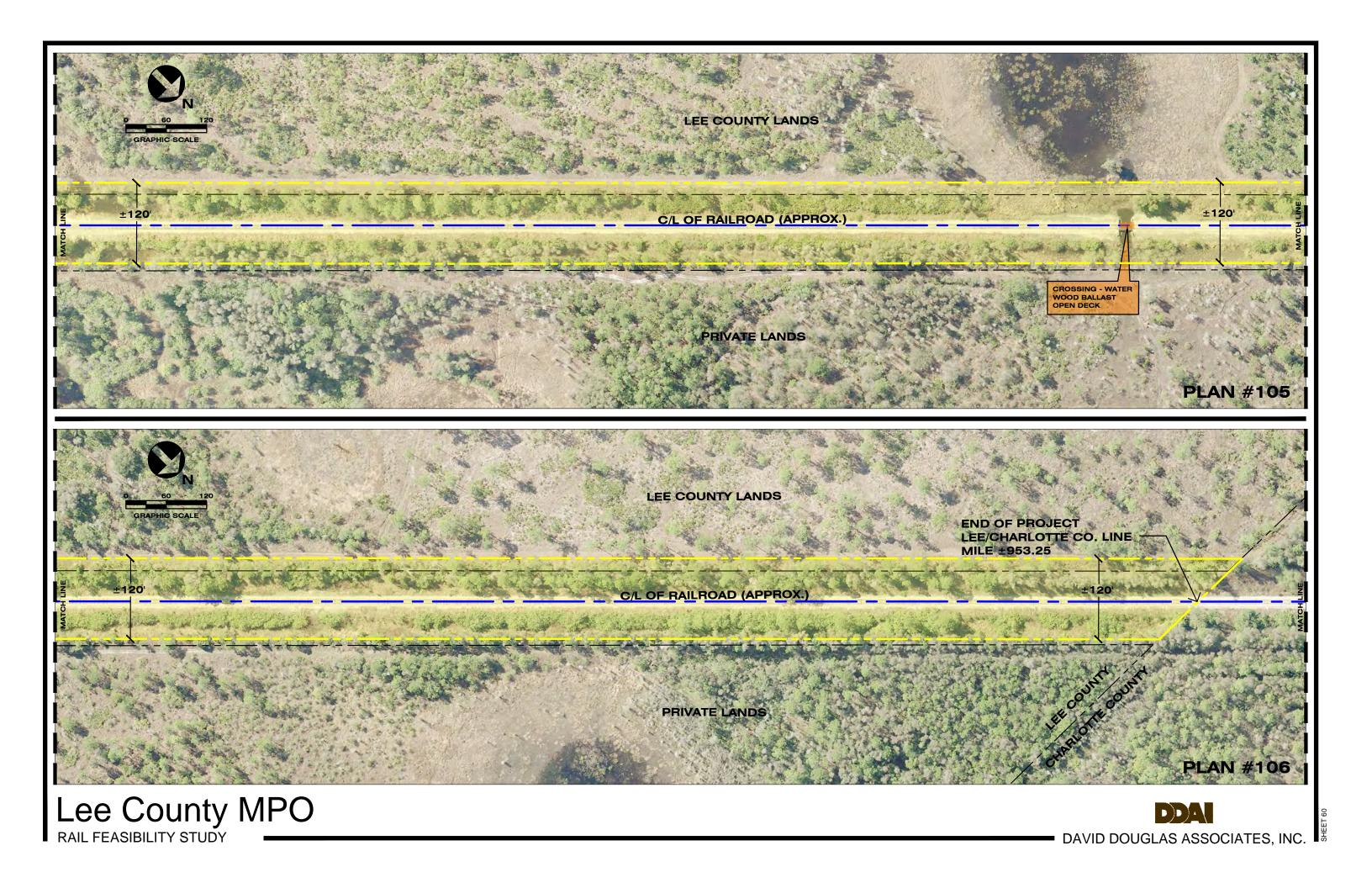


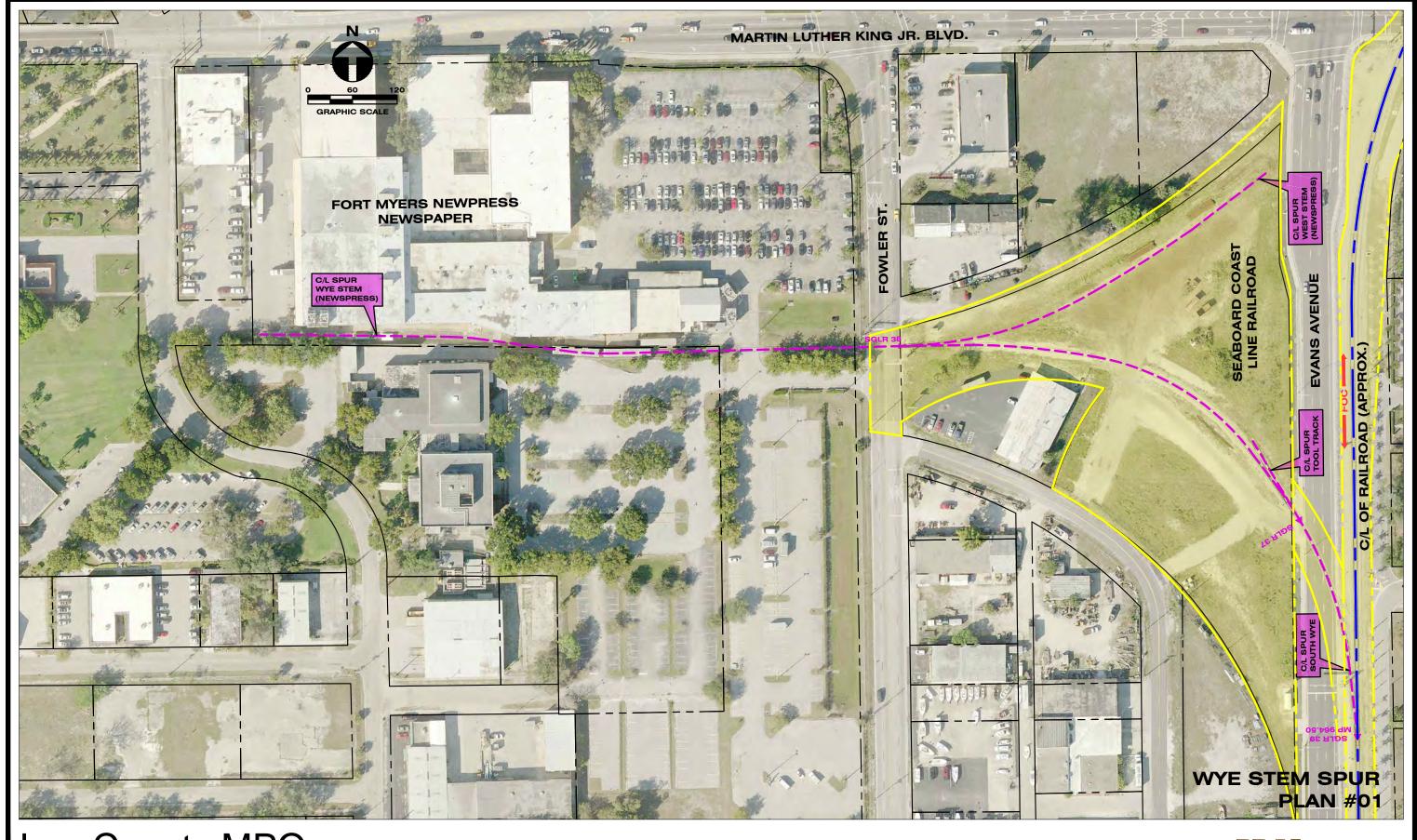




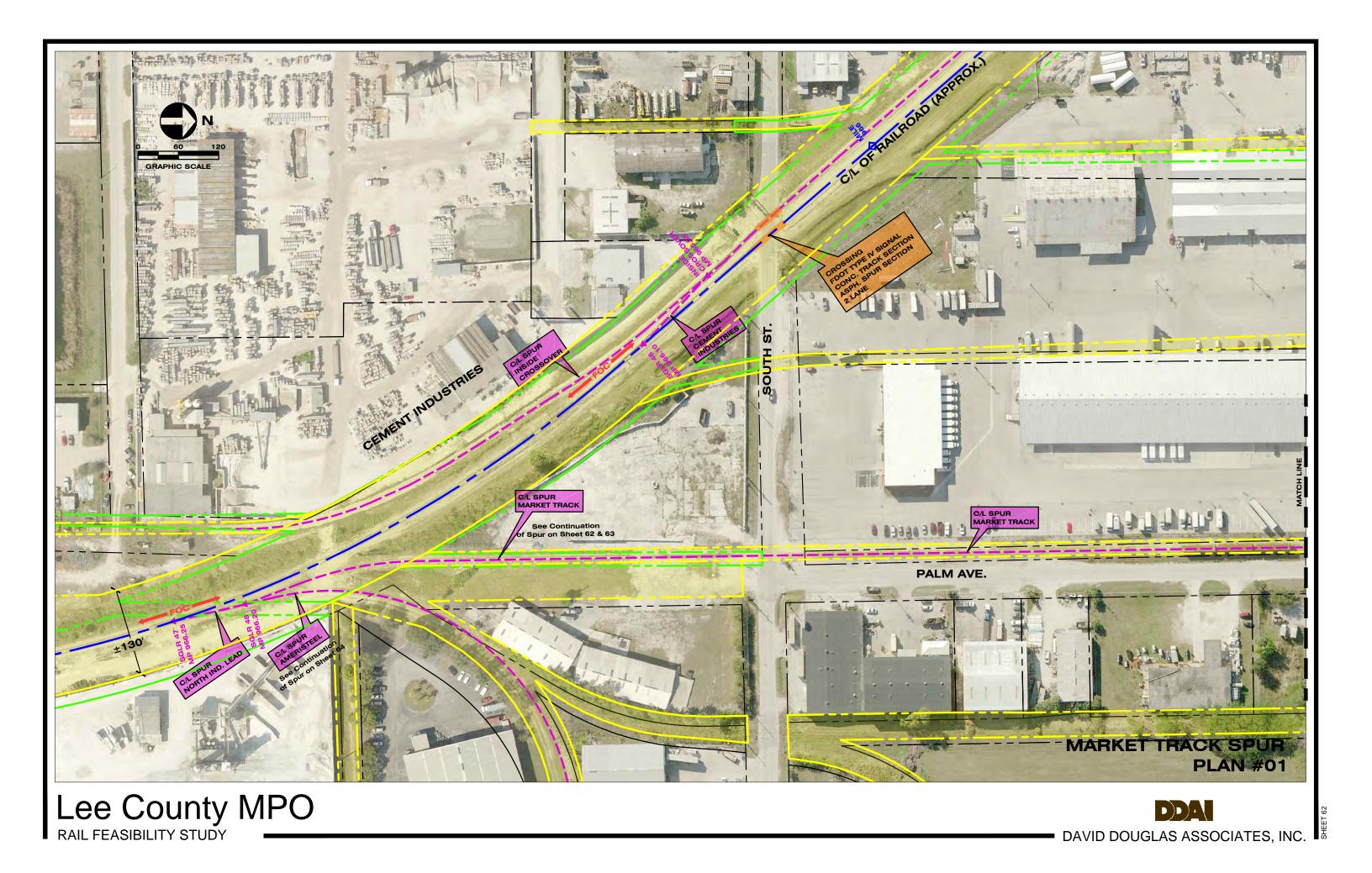


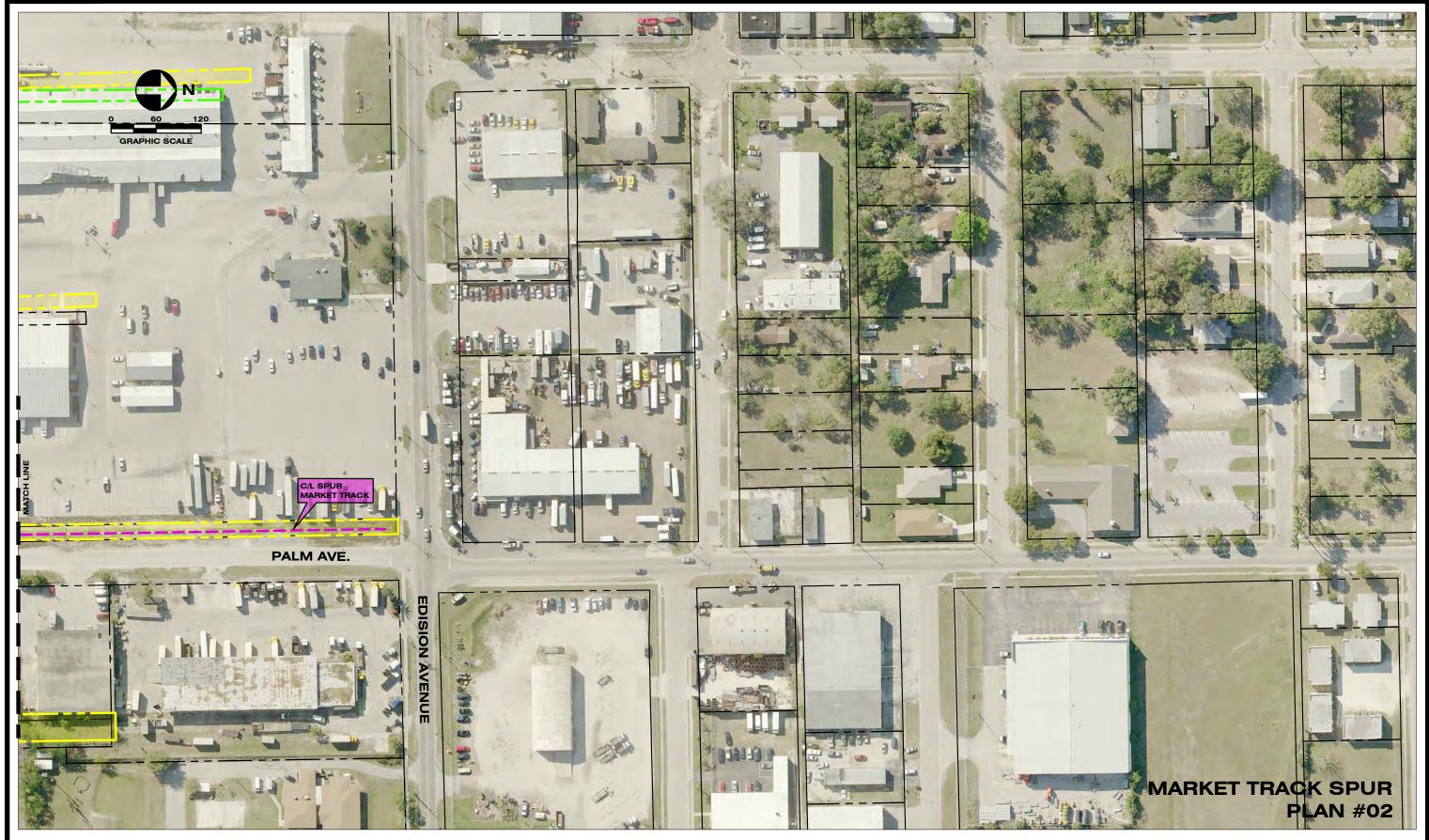




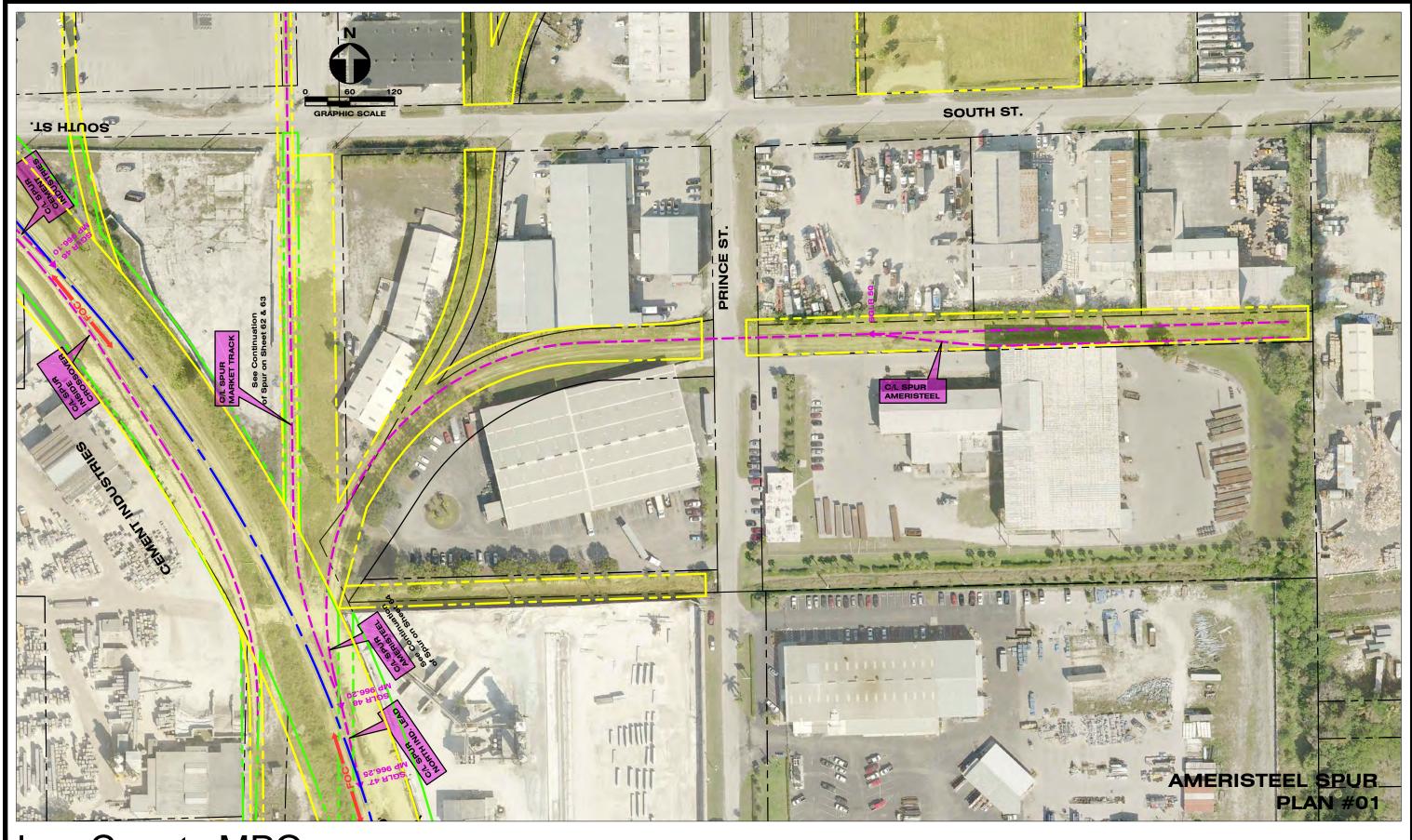


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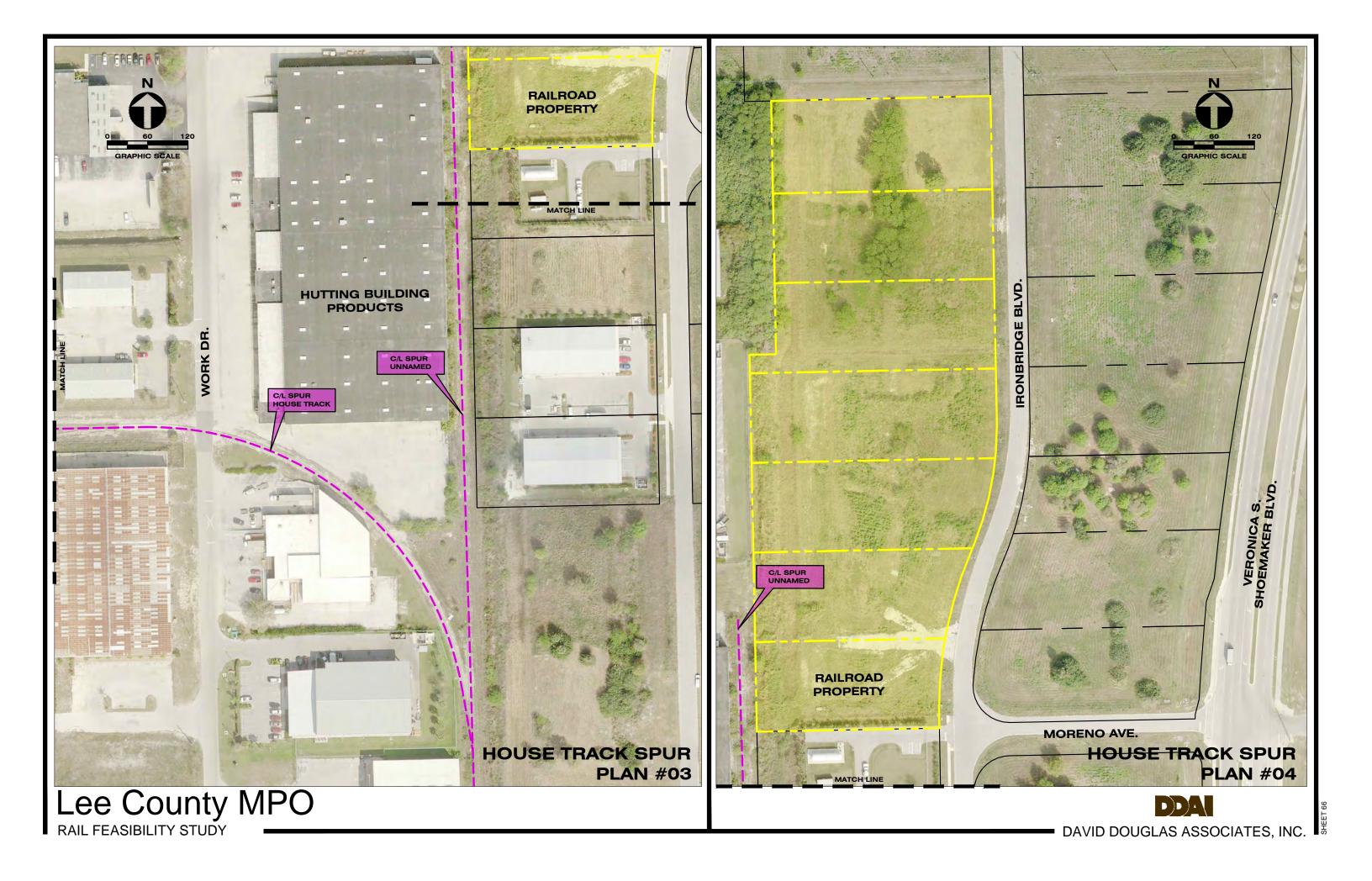
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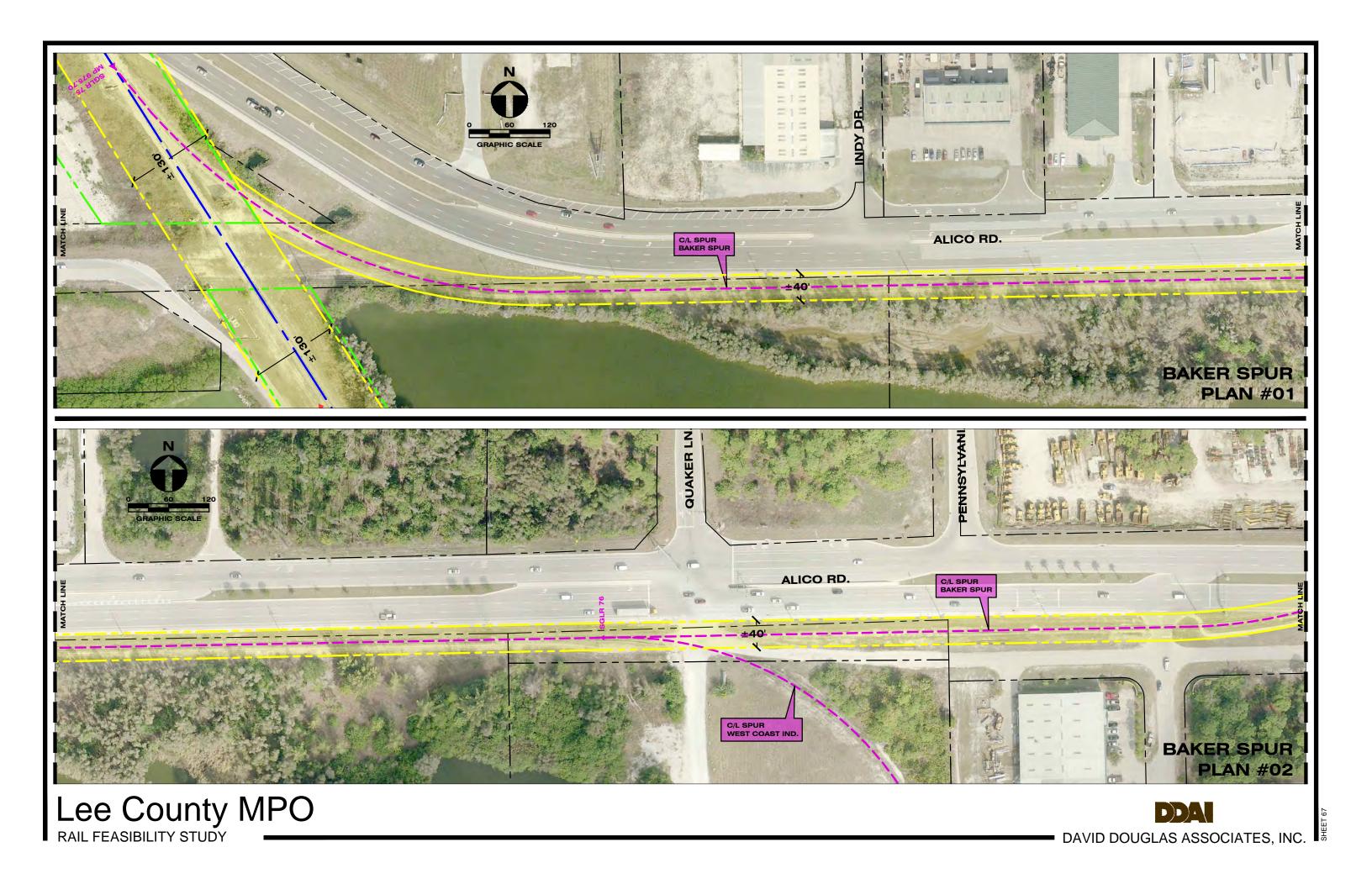


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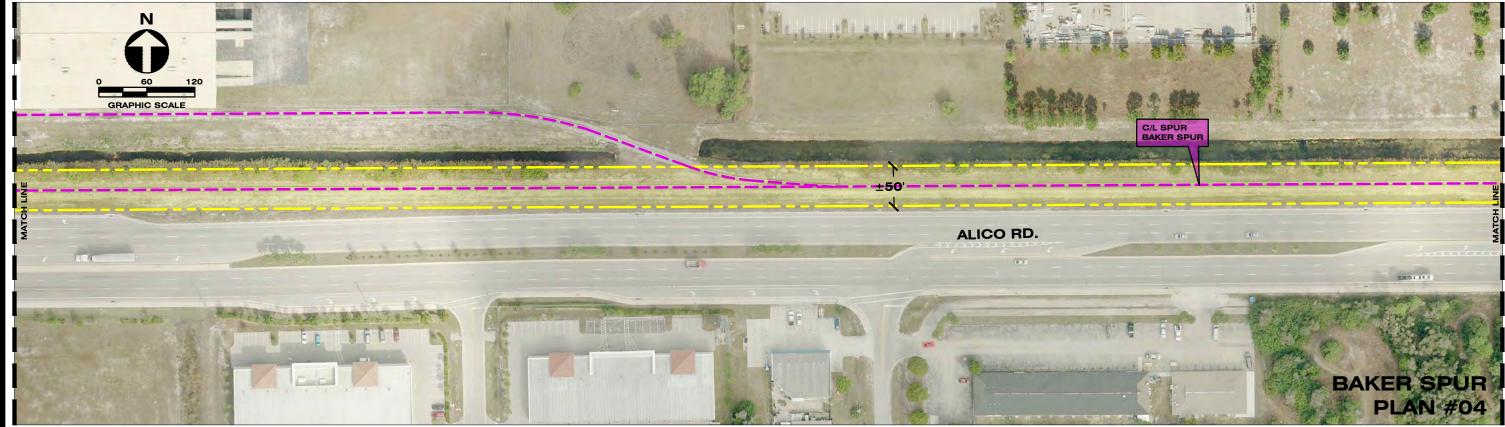












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