

MO-100 EXHIBIT

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

CONCEPT

INTERSECTION:  
ST. JOHNS ROAD

ALTERNATIVE NUMBER: 2

DESCRIPTION OF IMPROVEMENTS:  
MULTI-LANE ROUNDABOUT

- ADVANTAGES:
- NO TRAFFIC SIGNALS TO MAINTAIN
  - REDUCTION IN RIGHT ANGLE CRASHES
  - REDUCTION IN CRASH SEVERITY
  - INCREASED SPEED REDUCTION COMPLIANCE
  - PROMOTES FUTURE DEVELOPMENT BY MAINTAINING FULL ACCESS
  - TURBO-STYLE TO ADDRESS LANE SELECTION CONFLICTS
  - TURBO-STYLE DUAL LANES ACCOMMODATE HEAVY THRU MOVEMENTS
  - THRU TRAFFIC CALMING


- DISADVANTAGES:
- HIGH SPEED TRANSITION
  - LOWER DRIVER FAMILIARITY
  - INCREASED SIDESWIPE CRASHES
  - DISRUPTS HEAVY THRU MOVEMENTS

ESTIMATED CONSTRUCTION COST:  
\$1,859,100

DATE PREPARED 6/3/2022	
ROUTE 100	STATE MO
DISTRICT STL	SHEET NO. ALT 2
COUNTY FRANKLIN	
JOB NO. J6P3522	
CONTRACT ID.	
PROJECT NO. 14559.03	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

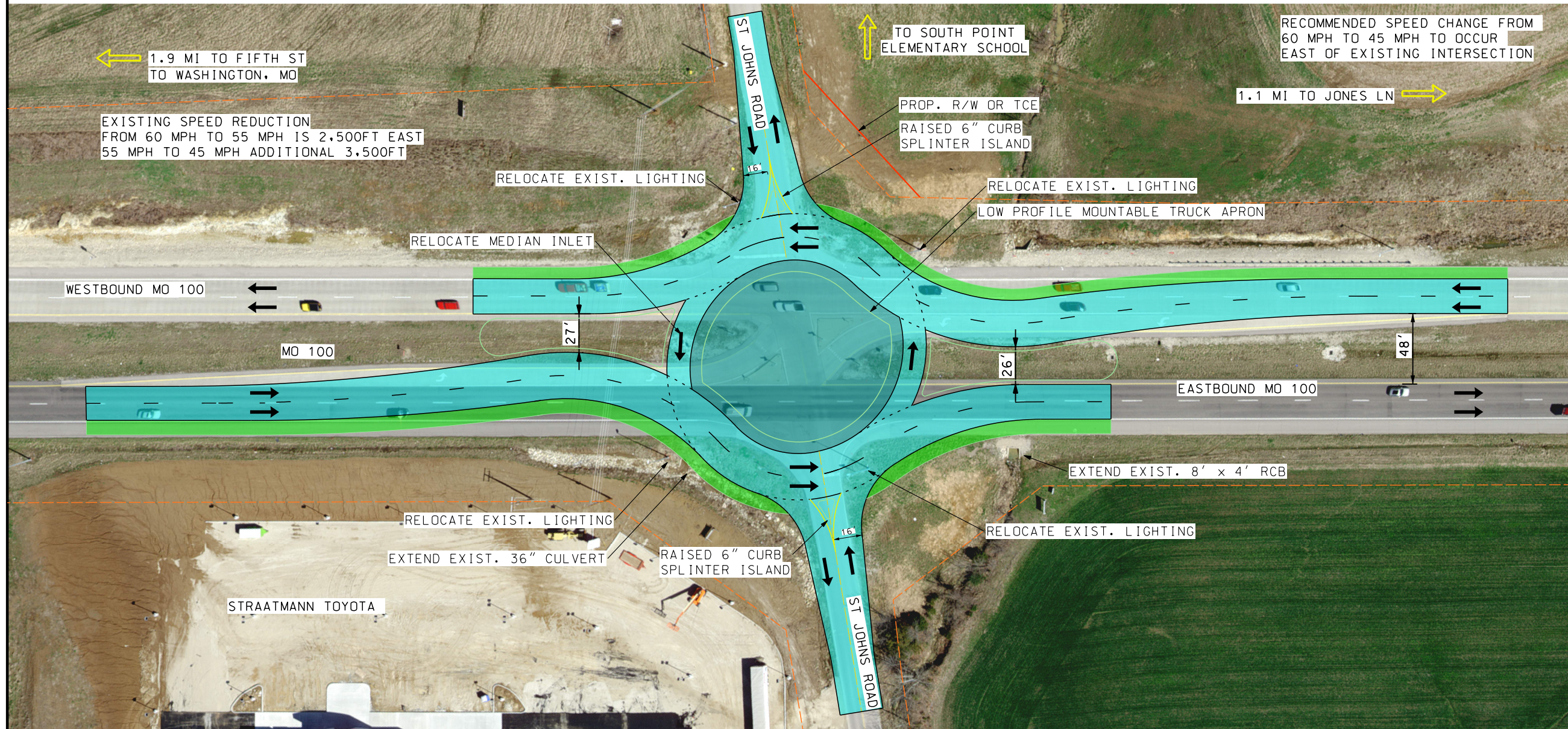


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Lenexa, KS 66219  
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SHEET NO.  
ALTERNATIVE 2



TRAFFIC PERFORMANCE:

LEG	EXIST LOS/ AVG. DELAY (AM/PM)	PROP LOS/ AVG. DELAY (AM/PM)	LEG	EXIST LOS/ AVG. DELAY (AM/PM)	PROP LOS/ AVG. DELAY (AM/PM)
NB LT	F (516") / F (88")	- / -	SB LT	D (25") / E (49")	- / -
NB THRU	F (516") / F (88")	A (7") / A (7")	SB THRU	D (25") / E (49")	A (8") / A (8")
NB RT	F (516") / F (88")	- / -	SB RT	D (25") / E (49")	- / -
EB LT	B (11") / B (12")	A (6") / A (7")	WB LT	A (10") / B (10")	A (8") / A (8")
EB THRU	A (0") / A (0")	A (6") / A (7")	WB THRU	A (0") / A (0")	A (8") / A (8")
EB RT	A (0") / A (0")	A (6") / A (7")	WB RT	A (0") / A (0")	A (8") / A (8")

