

1.35 MI TO OLD HWY 100
2 MI TO ROUTE M

MO-100 EXHIBIT

INTERSECTION:
ROUTE AT/ MO 100

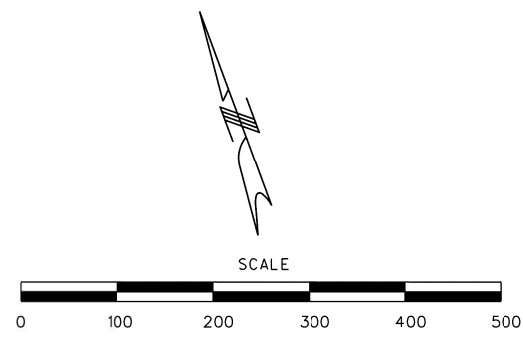
ALTERNATIVE NUMBER: 3

DESCRIPTION OF IMPROVEMENTS:
MULTI-LANE ROUNDABOUT

- ADVANTAGES:
- NO TRAFFIC SIGNALS TO MAINTAIN
 - REDUCTION IN RIGHT ANGLE CRASHES
 - REDUCTION IN CRASH SEVERITY
 - SPEED REDUCTION
 - MAINTAINS FULL ACCESS
 - MULTI-LANE TO ACCOMMODATE HEAVY THRU MOVEMENTS

- DISADVANTAGES:
- LARGE LAYOUT FOR DIVIDED HIGHWAY AND TO ACCOMMODATE TRAFFIC VOLUMES
 - TRUCK VOLUMES FROM MINOR ROAD APPROACHES
 - INCREASED SIDESWIPE CRASHES
 - DISRUPTS HEAVY THRU MOVEMENTS
 - POSSIBLE RIGHT-OF-WAY REQUIRED

ESTIMATED CONSTRUCTION COST:
\$2,989,700



LEGEND

	EXIST. PROPERTY LINE
	EXIST. R/W
	DIRECTION OF TRAVEL
	PROPOSED OPTION
	PROPOSED SHOULDER
	PROPOSED OPTION OVERLAY & RESTRIPING
	CLEARING / REMOVAL

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	C (27") / C (28")	- / -	SB LT	C (28") / C (28")	- / -
NB THRU	C (33") / C (32")	B (11") / A (9")	SB THRU	C (31") / C (35")	A (6") / C (20")
NB RT	A (0") / A (0")	- / -	SB RT	A (0") / A (0")	- / -
EB LT	D (50") / E (59")	A (8") / B (12")	WB LT	D (42") / D (53")	A (7") / B (12")
EB THRU	C (24") / C (26")	A (8") / B (11")	WB THRU	B (16") / B (20")	A (7") / B (11")
EB RT	A (0") / A (0")	A (8") / B (11")	WB RT	A (0") / A (0")	A (7") / A (4")
OVERALL	C (25") / C (29")	A (8") / B (12")			

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

CONCEPT

DATE PREPARED 6/30/2022	
ROUTE 100	STATE MO
DISTRICT STL	SHEET NO. ALT3
COUNTY FRANKLIN	
JOB NO. J6P3522	
CONTRACT ID.	
PROJECT NO. 14559.03	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GBA
9801 Renner Blvd, Ste. 300
Lenexa, KS 66219
913.492.0400
GBAteam.com

SHEET NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.