MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
FINAL PLANS FOR
STATE HIGHWAY
BOONE COUNTY
T48N & T49N – R12W

DESIGN DESIGNATION

A.A.D.T. – 2017 = 18,804
A.A.D.T. – 2037 = 19,924
D.H.V. = 8.95%
T = 4.93%
V = 40 – 55 M.P.H.

FUNCTIONAL CLASSIFICATION – MINOR ARTERIAL

LIMITED ACCESS HIGHWAY

TEMPORARY EASEMENTS REQUIRED

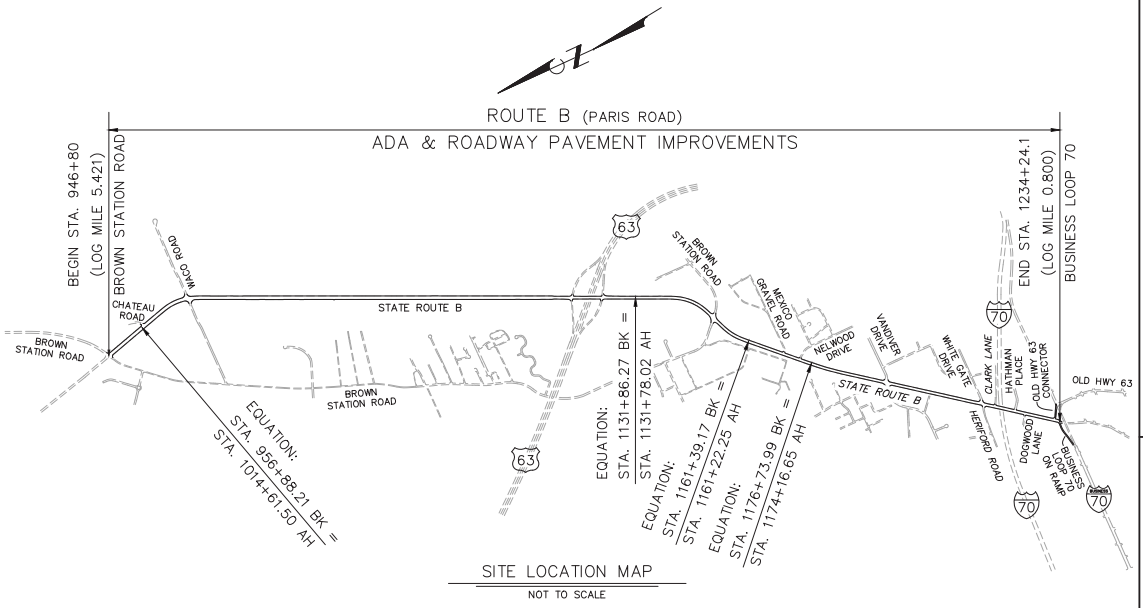
PERMANENT SIDEWALK EASEMENTS REQUIRED

PERMANENT MAINTENANCE EASEMENTS REQUIRED

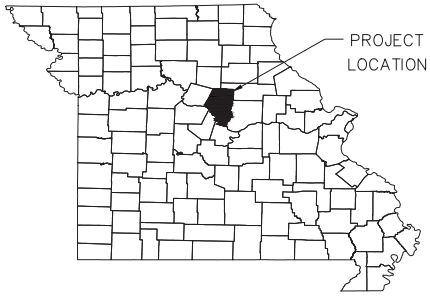
CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
CONCRETE RIGHT–OF–WAY MARKER		
STEEL RIGHT–OF–WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	–FO–	FO
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE	–T–	T
OVERHEAD POWER		
UNDERGROUND POWER	–P–	P
GAS	–G–	G
WATER	–W–	W
SANITARY SEWER MANHOLE	SAN	
STORM SEWER MANHOLE	STORM	
STEAM MANHOLE	STM	
ELECTRIC MANHOLE	EMH	
TELEPHONE MANHOLE	TMH	
DROP INLET	DI	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
GAS VALVE	GV	
GROUND MOUNTED SIGN	SIGN	
GUY WIRE	←	
POWER POLE	PP	
SIGNAL POLE	SP	
CROSSWALK SIGNAL POLE	CSP	
LIGHT POLE		
ELECTRIC PULLBOX	EPB	
SIGNAL CONDUIT BOX		
SIGNAL CONTROL BOX	SCB	
TRANSFORMER	TRANS	
SWITCHGEAR	SWITCH	
FIBER OPTIC PULLBOX	FPB	
TELEPHONE PULLBOX	TPB	
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK		V
WOVEN WIRE		X
GATE POST		
BENCHMARK	BM	
DO NOT DISTURB	DND	
CONCRETE PAVEMENT REMOVED & REPLACED		
ASPHALT PAVEMENT REMOVED & REPLACED		
GRAVEL PAVEMENT REMOVED & REPLACED		
MILL & OVERLAY ASPHALT		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



SITE LOCATION MAP
NOT TO SCALE



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (4 SHEETS)	2
QUANTITIES (QU) (22 SHEETS)	3
RIGHT OF WAY (RW)	4–67
PLAN–PROFILE (PP)	68–128
REFERENCE POINTS (RP)	129–131
COORDINATE POINTS (CP)	132
SPECIAL SHEETS (SS)	133–152
TRAFFIC CONTROL SHEETS (TC)	154–163
EROSION CONTROL SHEETS (EC)	164–224
SIGNALS (SG)	226–256
PAVEMENT MARKING (PM)	257–261

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 946 + 80.00
END OF PROJECT	STA. 1234 + 24.10
APPARENT LENGTH	28,744.10 FEET

EQUATIONS AND EXCEPTIONS:

STA. 956+88.21 BK = STA. 1014+61.50 AH	–5,773.29 FEET
STA. 1131+86.27 BK = STA. 1131+78.02 AH	+8.25 FEET
STA. 1161+39.17 BK = STA. 1161+22.25 AH	+16.92 FEET
STA. 1176+73.99 BK = STA. 1174+16.65 AH	+257.34 FEET

TOTAL CORRECTIONS	–5,490.78 FEET
NET LENGTH OF PROJECT	23,253.32 FEET
STATE LENGTH	4.404 MILES

PRELIMINARY – SUBJECT TO CHANGE

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT
PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING, RECORDING, OR PERMIT REVIEW PURPOSES

ZACHARY K. THOMAS
REGISTERED PROFESSIONAL ENGINEER PE–2004017256

DATE PREPARED: 2/1/2017
ROUTE: B | STATE: MO
DISTRICT: CD | SHEET NO.: 1
COUNTY: BOONE
JOB NO.: J5S3155
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1–888–ASK–MODOT (1–888–275–6636)

Engineering Surveys and Services
Consulting Engineers, Scientists, and Land Surveyors
Missouri and Illinois
1113 Fay Street, Columbia, Missouri 65201
573–449–2646 | www.ess-mo.com
Other Offices:
Jefferson City, Missouri • Sedalia, Missouri
Missouri Engineering Corporation # 2004019118

ESS# NO. 13375

F:\CURRENTDRAWINGS\MODOT\ST13375\13375 COVER & DETAILS.DWG 2/1/2017