CITY OF O'FALLON, MISSOURI
FINAL PLANS FOR PROPOSED
WELDON SPRING ROAD PHASE 1

DESIGN DESIGNATION

A.A.D.T. - 2022 = 12,075
A.A.D.T. - 2042 = 15,395
D.H.V = 10%
T = 2.0%
POSTED SPEED = 35 MPH (WELDON)
30 MPH (CRUSHER)
DESIGN SPEED = 40 MPH (WELDON)
35 MPH (CRUSHER)

FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

BENCHMARKS

TBM "A" - ELEVATION = 565.98
CUT "L" ON THE MOST EASTERN CORNER OF A CONCRETE SIGN BASE NOTED "AVE 64" AT THE NORTH SIDE APARTMENT ENTRANCE; WEST SIDE OF WELDON SPRING ROAD; 400 FEET NORTH OF THE INTERSECTION WITH TECHNOLOGY DRIVE.

TBM "B" - ELEVATION = 506.66
FOUND "SQUARE" AT THE NORTH END OF A CURB ROUNDING AT THE NORTH (SITE) ENTRANCE TO BROOKHAVEN IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF VALLEYBROOK DRIVE AND WELDON SPRING ROAD.

UTILITY COMPANIES

AMEREN MISSOURI (ELEC) DAN MASTERSON (636) 357-2615	MCI/VERIZON RYAN TASKER (314) 565-6946
ATT HEIDI VESPA (636) 328-6952	MNA-BLUEBIRD TERRY HARRISON (314) 603-3399
CHARTER COMMUNICATIONS JAMES HAKE (314) 873-9646	PWSD#2 RICHARD MCGHAY (636) 354-7364
DUCKETT CREEK SAN. DIST. MONY RAWLINGS (636) 498-8156	SPIRE ENERGY NICK EGGERT (314) 330-5720
EVERSTREAM ROBERT SEWELL (314) 546-7927	

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	~~FO~~
OVERHEAD CABLE TV	-OTV-	~~OTV~~
UNDERGROUND CABLE TV	-UTV-	~~UTV~~
OVERHEAD TELEPHONE	-OT-	~~OT~~
UNDERGROUND TELEPHONE	-UT-	~~UT~~
OVERHEAD POWER	-OE-	~~OE~~
UNDERGROUND POWER	-UE-	~~UE~~
SANITARY SEWER	-S-	~~S~~
STORM SEWER	-SS-	~~SS~~
GAS	-G-	~~G~~
WATER	-W-	~~W~~
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

KEY MAP
SHOWING LOCATION OF COUNTY

ST. CHARLES COUNTY
CMAQ-7302 (691)

NOT TO SCALE

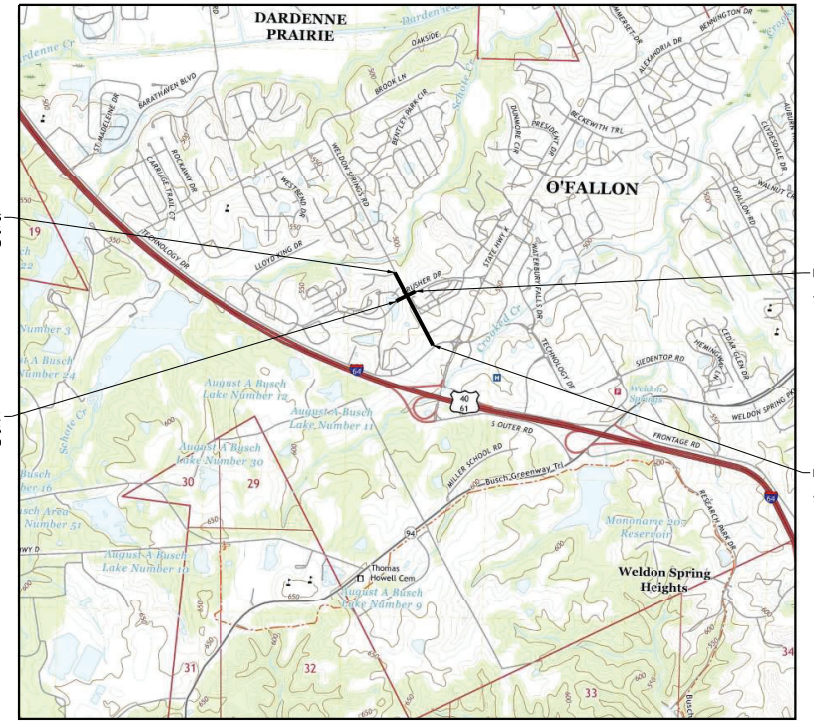
T46N, R6E

END WELDON SPRING IMPROVEMENTS STA. 30+00.00

BEGIN CRUSHER DRIVE IMPROVEMENTS STA. 1+79.50

END CRUSHER DRIVE IMPROVEMENTS STA. 7+49.77

BEGIN WELDON SPRING IMPROVEMENTS STA. 13+06.50



WELDON SPRING ROAD AND CRUSHER DRIVE
INTERSECTION IMPROVEMENTS
GRADING, PAVING, DRAINAGE, SIDEWALKS,
TRAFFIC CONTROL, EROSION CONTROL, PAVEMENT MARKING

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET (TL)	1
TYPICAL SECTIONS (TS) (4 SHEETS)	2
QUANTITIES (QU) (7 SHEETS)	3
ALIGNMENT (AL)	4
PLAN SHEETS (PL)	5-10
PROFILE SHEETS (PR)	11-13
RIGHT OF WAY (RW)	14-20
CONSTRUCTION DETAILS (CD)	21-30
TRAFFIC CONTROL SHEETS (TC)	31-32
EROSION CONTROL SHEETS (EC)	33-38
LIGHTING (LT)	39-40
SIGNING (SN)	41-45
PAVEMENT MARKING (PM)	46-47
RETAINING WALLS (WL)	48-49
STORM SEWER PROFILES (SS)	50-54
CROSS-SECTIONS (XS)	
WELDON SPRING ROAD	55-74
CRUSHER DRIVE	75-80
DRAINAGE AREA MAP	81

DESIGN STANDARDS

A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, AASHTO 2018 EDITION

2024 MISSOURI STANDARD SPECIFICATIONS BOOK FOR HIGHWAY CONSTRUCTION

LENGTH OF PROJECT

BEGINNING OF PROJECT:
STA. 13+06.50 (WELDON)
STA. 1+79.50 (CRUSHER)

END OF PROJECT:
STA. 30+00.00 (WELDON)
STA. 7+49.77 (CRUSHER)

APPARENT LENGTH:
1,693.50 FEET (WELDON)
570.27 FEET (CRUSHER)

EQUATIONS AND EXCEPTIONS:
NONE

TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	2,263.77	FEET
STATE LENGTH	0.429	MILES

City of O'Fallon Project Manager:

Paul Talimonchuk

Digitally signed by Paul Talimonchuk
DN: CN=Paul Talimonchuk, OU=Project Management, OU=Public Works, OU=City of O'Fallon, DC=ch, DC=ofallon, DC=mo, DC=us
Date: 2024.09.19 08:46:23-05'00'

STATE OF MISSOURI
BENTLEY M. GEDRIS
NUMBER
PE-2010017818
PROFESSIONAL ENGINEER

DATE PREPARED: 8/14/2024
DISTRICT: SL
STATE: MO
SHEET NO.: 1
ROUTE: WELDON SPRING
OA JOB NO.: 221150
EW GATEWAY ID.: 7209-22
PROJECT NO.: CMAQ-7302(691)
BRIDGE NO.: N/A

DATE	DESCRIPTION	REV.

OATES
ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.588.8891
MISSOURI DESIGN FIRM LICENSE NO. 001166
MISSOURI LAND SURVEY CORP LICENSE NO. 2006020

CITY OF O'FALLON
ENGINEERING DEPARTMENT
100 NORTH MAIN STREET
O'FALLON, MO 63366
tel 636.379.5596

TITLE SHEET

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