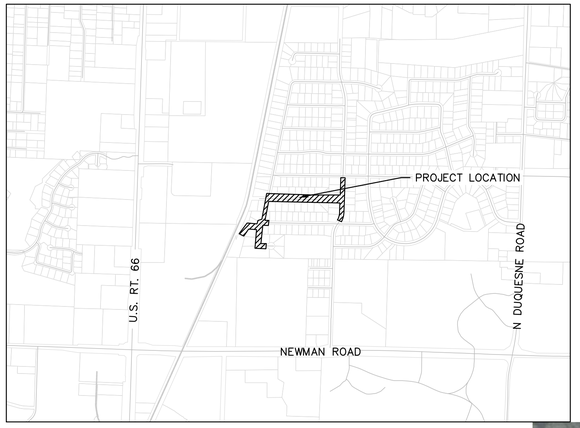
TEN PIN LANE
STORMWATER IMPROVEMENTS

SECTION 31 , TOWNSHIP 28N, RANGE 32W
CITY OF JOPLIN
JASPER COUNTY, MISSOURI
PROJECT NO. D23-00749



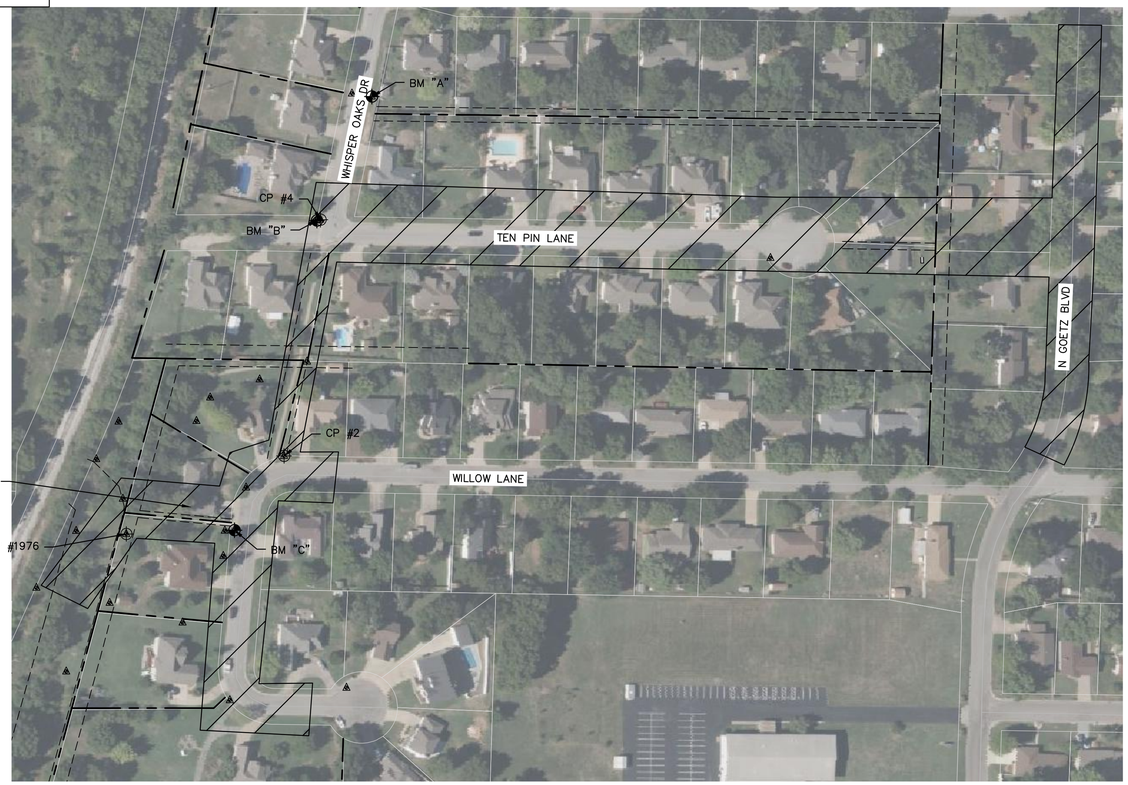
THIS PROJECT MADE POSSIBLE BY STATE OF MISSOURI
ARPA
America Rescue Plan Act
City of Joplin



LEGEND

▲	SURVEY CONTROL POINT	TS	TRAFFIC SIGNAL BOX
▲	SURVEY BENCHMARK	TS	TRAFFIC SIGNAL MANHOLE
▲	SURVEY TEMPORARY BENCHMARK	TS	TRAFFIC SIGNAL POLE W/ ARM
GM	GAS METER	TS	TRAFFIC SIGNAL POLE
GR	GAS RISER	TS	TRAFFIC SIGNAL CONTROL BOX
GM	GAS MANHOLE	TS	TRAFFIC SIGNAL PEDESTAL
GR	GAS REGULATOR	E	ELECTRIC MANHOLE
TVP	TELEVISION PEDESTAL	EM	ELECTRIC METER
FB	FIBER BOX	ER	ELECTRIC RISER
FP	FIBER PEDESTAL	E	ELECTRIC BOX
C	CABLE BOX	EC	ELECTRIC CABINET
CV	CABLE VAULT	EJ	ELECTRIC JUNCTION BOX
TP	TELEPHONE PEDESTAL		SPRINKLER HEAD
	STORM MANHOLE		SPRINKLER CONTROL VALVE
	STORM GRATE		WATER METER PIT
	SANITARY MANHOLE		FIRE HYDRANT
	YARD LIGHT	WM	WATER METER
	LIGHT POLE		WATER VALVE
	POWER POLE		FLAG POLE
	POWER POLE W/ LIGHT		SIGN
	GUY WIRE		BOLLARD
	STUMP		WOOD POST
	BUSH		STEEL POST
	EVERGREEN TREE		COLUMN
	DECIDUOUS TREE		BORE HOLE

	LOT LINE
	PROPERTY LINE
	CENTER LINE
	ROW LINE
CF	CONSTRUCTION FENCE
LOG	LIMITS OF GRADING
	EXISTING EASEMENT
	PROPOSED EASEMENT
1371	EXISTING MINOR CONTOUR
1370	EXISTING MAJOR CONTOUR
1371	FUTURE MINOR CONTOUR
1370	FUTURE MAJOR CONTOUR
T	EXISTING TELEPHONE RISER
TEL	EXISTING TELEPHONE LINE
FO	EXISTING FIBER OPTICS LINE
SS	EXISTING SANITARY LINE
SD	EXISTING STORM LINE
G	EXISTING GAS LINE
W	EXISTING WATER LINE
	EXISTING BOARD FENCE
	EXISTING BARB WIRE FENCE
P-OH	EXISTING OVERHEAD ELECTRIC
UGE	EXISTING UNDERGROUND ELECTRIC
	REMOVE UPRIGHT CURB AND GUTTER
	CURB FACE
	BACK OF CURB
	PROPOSED STORM SEWER



MISSOURI ONE CALL SYSTEM
1-800-DIG-RITE OR 811
www.mo1call.com

THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL "1-800-DIG-RITE", AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING ACTIVITIES. !!STOP!! CALL BEFORE YOU DIG!!

BENCHMARK

BM "A"
CHISELED SQUARE IN BACK OF CURB
ELEV. = 1026.05
N: 341422.45
E: 2797468.31

BM "B"
BOLT ON FLANGE OF FIRE HYDRANT
ELEV. = 1021.35
N: 341249.22
E: 2797391.48

BM "C"
BOLT ON FLANGE OF FIRE HYDRANT
ELEV. = 1016.23'
N: 340816.32
E: 2797276.28

CONTROL POINTS

CP #2 CTL 1/2 IN IP
ELEV. = 1015.95
N: 340920.17
E: 2797345.60

CP #4 CTL 1/2 IN IP
ELEV. = 1019.22
N: 341250.30
E: 2797396.44

CP #1976 CTL 60D
ELEV. = 1009.55
N: 340811.05
E: 2797125.08

OWNER

CITY OF JOPLIN
602 S MAIN ST
JOPLIN, MO 64801
DANIEL JOHNSON
PHONE: 417-624-0820

ENGINEER

OLSSON, INC.
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
EMMA SCHNEIDER, P.E.
PHONE: 417-890-8802
FAX: 417-890-8805

N
0' 50' 100' 200'
SCALE IN FEET

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UTILITY COMPANIES:

ELECTRIC
LIBERTY
3400 S. KODIAK RD, JOPLIN, MO 64804
BRYAN HARP
417-625-5100

WATER
MISSOURI AMERICAN WATER COMPANY
2323 DAVIS BLVD, JOPLIN, MO 64804
DREW DANIELS
SR. SUPERVISOR OF OPERATIONS
417-417-0215
R. GRANT ALUMBAUGH
ENGINEERING PROJECT MANAGER
417-680-0311

SANITARY SEWER
CITY OF JOPLIN
602 S MAIN ST, JOPLIN, MO 64801
CHRIS PARKER
417-624-0820 EXT 1584

GAS
SPIRE MO WEST
520 E 5TH ST, JOPLIN, MO 64801
KEN STEGALL
417-626-4831

SOUTHERN STAR CENTRAL GAS
6300 S RANGELINE RD, JOPLIN, MO 64804
MIKE DEGRAVE
913-422-6341

COMMUNICATIONS
ATT DISTRIBUTION
321 W 8TH ST, JOPLIN, MO 64801
JON FISK
417-529-0840

SPARKLIGHT
2600 DAVIS BLVD, JOPLIN, MO 64804
RANDY KENNEDY
417-206-5399

olsson
Olsson, INC. Engineering MO State Cert. of Authority #001592
550 St. Louis St. Springfield, MO 65806
TEL 417.890.8802
www.olsson.com

STATE OF MISSOURI
EMMA MARI PAULY SCHNEIDER NUMBER PE-2023018967
PROFESSIONAL ENGINEER
07.12.2024
EMMA MARI PAULY SCHNEIDER
PROFESSIONAL ENGINEER
MO# PE-2023018967

REV. NO.	DATE	REVISIONS DESCRIPTION
NO.	DATE	DESCR.

REVISIONS

TITLE SHEET

TEN PIN LANE
STORMWATER IMPROVEMENTS

2024

JOPLIN, MISSOURI

drawn by: EMPS
checked by: EJS
approved by: EJS
QA/QC by:
project no.: D23-00749
drawing no.: W_TTL01_D2300749
date: 07.12.2024

SHEET
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DWG: F:\2023\00501-01000\023-00749-D\40-Design\AutoCAD\Final Plans\Sheets\WTRS\W_TTL01_D2300749.dwg USER: eschneider
DATE: Jul 18, 2024 12:37pm XREFS: W_PTBLK_D2300749 W_XBASE_D2300749