

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY, THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. THE DEPTH OF UTILITIES IS ASSUMED TO BE NORMAL AND CUSTOMARY, THE CONTRACTOR SHALL VERIFY LOCATION SYSTEM | AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.

03-10-2023 LETTING ITEM 153

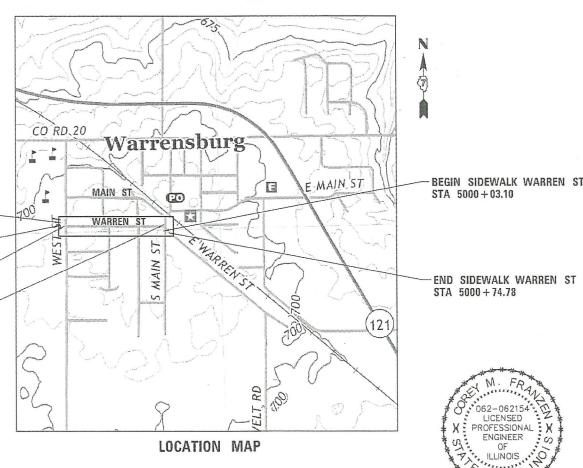
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS** 

# PLANS FOR PROPOSED LOCAL AGENCY IMPROVEMENT

SAFE ROUTES TO SCHOOL (SRTS) SECTION 19-00001-00-SW PROJECT 9J9D(390) PROPOSED SIDEWALK CONSTRUCTION VILLAGE OF WARRENSBURG

C-97-054-22



DATE

LEE KANKAKEE 175# 3G

SECTION

19-00001-01-SW

COUNTY

ILLINOIS CONTRACT NO. 95915

MACON 10 1

# LOCATION OF SECTION INDICATED THUS: - -**BEGIN SIDEWALK WARREN ST** RELEASED FOR DISTRICT 7 ENGINEER OF LOCAL ROADS AND STREETS BID BASED ON

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

### INDEX OF SHEETS

COVER

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#### **HIGHWAY STANDARDS**

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08 001006 DECIMAL OF AN INCH AND OF A FOOT 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS CLASS C AND D PATCHES 442201-03 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE 701006-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED 701501-06 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE

701901-08 TRAFFIC CONTROL DEVICES SIGN PANEL MOUNT DETAILS 720001-01 720006-04 SIGN PANEL ERECTION DETAILS 728001-01 TELESCOPING STEEL SIGN SUPPORT

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

**CHASTAIN** & ASSOCIATES LLC CONSULTING ENGINEERS

ROCKFORD, IL BENTON, IL BELOIT, WI (833) 424-2782

DECATUR, IL

SCHAUMBURG, IL CHAMPAIGN, IL LAFAYETTE, IN PADUCAH, KY 184-001397

END SIDEWALK WEST ST STA 1009 + 15.41

**BEGIN SIDEWALK WEST ST** 

BEGIN SIDEWALK WARREN ST

END SIDEWALK WARREN ST

STA 1008 + 74.18

STA 4000+09.72

STA 4013 + 24.46

DESIGN SPEED: ROAD CLASSIFICATION:

WEST ST. 30 MPH STREET

**30 MPH** STREET

WARREN ST.

CONTRACT NO. 95915

650

COREY M. FRANZEN, P.E. LICENSE EXPIRES 11/30/23

#### GENERAL NOTES

#### ALIGNMENT - WEST STREET

POT N 1,189,202.1832 E 778,399.3183 Sta 17+00.00
Course from POT to POT N 0° 42′ 36.82″ E Dist 53.03
POT N 1,189,255.2077 E 778,399.9756 Sta 17+53.03
Course from POT to POT N 0° 42′ 36.82″ E Dist 5.0000
POT N 1,189,260.2073 E 778,400.0376 Sta 17+58.03
Course from POT to PI N 0° 42′ 36.82″ E Dist 25.1734
PI N 1,189,285.3788 E 778,400.3496 Sta 17+83.20
Course from PI to POT N 1° 42′ 06.58″ W Dist 5.0044

Point POT N 1,189,290.3810 E 778,400.2010 Sta 17+88.21

## ALIGNMENT - WARREN STREET

 Point POT
 N 1,189,259.6383
 E 778,445.5347
 Sta 20+00.00

 Course from POT to POT
 S 89° 17' 00.41" E Dist 1,330.0638

 Point POT
 N 1,189,243.0046
 E 779,775.4946
 Sta 33+30.06

- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF ABOVE GROUND AND UNDERGROUND UTILITIES SHOWN MUST BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATIONS OF ALL UTILITIES. CONTACT JULIE AT 1-800-892-0123 OR 811 AND ALL OTHER UTILITY OWNERS PRIOR TO EXCAVATION OR CONSTRUCTION. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING OPERATIONS NEAR UTILITIES SO AS TO PREVENT DAMAGE TO THEM.
- 2. WHERE EXISTING UTILITY POLES OR OTHER APPURTENANCES INTERFERE WITH THE FULL CONSTRUCTED WIDTH OF THE SIDEWALK, THE SIDEWALK SHALL BE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THE PLANS EXCEPT THAT A NOTCH OF SIDEWALK SHALL BE OMITTED AT THE INTERFERENCE. THE NOTCH SHALL BE TAPERED FROM THE FULL SIDEWALK WIDTH TO THE REDUCED WIDTH AT A RATE OF 1:1 EACH SIDE. MAINTAIN A MINIMUM WIDTH OF FOUR FEET (4') AT ALL NEW SIDEWALK LOCATIONS. THIS METHOD OF CONSTRUCTION SHALL APPLY AT LOCATIONS WHERE WATER METERS ARE NOT TO BE ADJUSTED OR RELOCATED. USE PREFORMED JOINT FILLER WHERE THE SIDEWALK IS DIRECTLY ADJACENT TO EACH ITEM.
- 3. CLASS D PATCHES ARE SPECIFIED AT ISOLATED LOCATIONS WHERE THE EXISTING PAVEMENT CONSISTS OF AN OIL AND CHIP SURFACE. THE THICKNESS OF EACH HMA PAVEMENT PATCH SHALL BE 5" UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IF ADJUSTMENTS TO THE THICKNESS ARE REQUIRED, QUANTITIES SHALL BE ADJUSTED ACCORDING TO ARTICLE 442.10. EXCAVATION REQUIRED TO PLACE THE PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PATCH.
- PAVEMENT PATCHES SHALL BE CONSTRUCTED TO MATCH THE ELEVATIONS OF THE SIDEWALK RAMPS WHERE THEY MEET. PORTIONS OF THE PERIMETER OF EACH PATCH ADJACENT TO EXISTING PAVEMENT SHALL BE CONSTRUCTED TO MATCH THE ELEVATIONS OF THE EXISTING PAVEMENT. THE REMAINDER OF THE PERIMETER SHALL BE CONSTRUCTED AS A SMOOTH TRANSITION FROM THE SIDEWALK RAMPS TO THE EXISTING PAVEMENT ELEVATIONS. CROSS SLOPES SHALL BE GENERALLY PLANAR SLOPING DOWN TOWARD THE SIDEWALK RAMPS.
- 5. NEATLY GRADE AREAS OF DISTURBANCE ADJACENT TO SIDEWALK CONSTRUCTION WITH TRANSITIONS TO EXISTING GRADE TO MAINTAIN DRAINAGE. PRE- CONSTRUCTION DRAINAGE PATTERNS SHALL BE MAINTAINED. COORDINATE WITH THE ENGINEER FOR ITEMS OF CONSTRUCTION THAT MAY IMPEDE DRAINAGE. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH SECTION 250 AND SECTION 251 OF THE STANDARD SPECIFICATIONS.
- AT LOCATIONS WHERE SIDEWALK CONSTRUCTION CROSSES OR ABUTS EXISTING AGGREGATE DRIVEWAYS (INCLUDING OIL AND CHIP), THE MATERIAL EXCAVATED FROM WITHIN THE DRIVEWAY SHALL BE STOCKPILED AND USED TO BACKFILL THE EXCAVATION ADJACENT TO THE NEW SIDEWALK. COMPACTION OF THE BACKFILL MATERIAL SHALL BE TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF THE SIDEWALK.
- 7. SIDEWALK RAMPS SHALL MEET STABLE PAVEMENT AT STREET LOCATIONS WHERE THEY MEET AN EXISTING OIL AND CHIP PAVEMENT SURFACE. LOOSE GRAVEL OR CHIP SHALL BE SWEPT AWAY PRIOR TO ESTABLISHING THE FINAL MATCH ELEVATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF THE SIDEWALK.

- 8. WHERE PERMANENT SIGNS INTERFERE WITH CONSTRUCTION THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR TEMPORARY SIGN PLACEMENT. THE VILLAGE OF WARRENSBURG WILL REMOVE DUPLICATE SIGN ASSEMBLIES CONTAINING R2-1 SIGNS WHERE NEW R2-1 SIGNS ARE SPECIFIED.
- ALL SAW CUTS FOR REMOVAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
- 10. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF AT ANY TIME THE CONTRACTOR DAMAGES OR DESTROYS PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE.
- 11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCE AND PROCEDURES OF CONSTRUCTION.
- 13. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

  THE PROPOSED GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS ARE THE
  ELEVATIONS FOR THE FINISHED SURFACE AT LOCATIONS AS INDICATED.
- 14. ALL COORDINATES SHOWN ARE BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 2011 (NAD1983).

#### BITUMINOUS MIXTURE REQUIREMENTS

MIXTURE	AC/PG	DESIGN AIR	MIXTURE	FRICTION
USES	AC/PG	VOIDS	COMPOSITION	AGGREGA <sup>-</sup>
HMA PATCHES	PG-64-22	4.0% @ N <sub>es</sub> =50	IL-9.5	MIX C

Benchmark	E <b>l</b> ev(Z)	Description	Station	Offset	Alignment
BM#3	712.92	"T" IN TENN ON THE FIRE HYDRANT NE OF WARREN ST AND POWERS ST	25+40	9' RT.	Warren St
BM#6	709.71	"M" IN MUELLER ON THE FIRE HYDRANT SE OF WEST ST AND WARREN ST	16+94	74' RT.	West St

Control Point#	North(Y)	East(X)	E <b>l</b> ev(Z)	Description	Station	Offset	Alignment
1	1189172.881	779700.968	710.28	1/2 IP W/ CAP, NE COR OF ILLINI PARK	32+56.58	71.05' RT.	Warren St
4	1189207.426	778471.122	706.63	1/2 IP W/ CAP, SE COR WEST & WARREN	20+26.24	51.89 RT	Warren St
6	1189637.700	778869.604	707.18	1/2 IP W/ CAP, NW COR POWERS & W.MAIN			Main St
5	1188802.630	778397.986	708.59	1/2 IP W/ CAP, W.SIDE OF WEST ST OPP. HOUSE #300			West St

USER NAME = rkocher	DESIGNED	-	CMF	REVISED	-
	DRAWN	-	RLK	REVISED	-
PLOT SCALE = 40.0000 ' / in.	CHECKED	-	CMF	REVISED	-
PLOT DATE = 9/13/2022	DATE	-	7/13/2022	REVISED	-

& ASSOCIATES LLC CONSULTING ENGINEERS

DECATUR, IL SCHAUMBURG, IL ROCKFORD, IL CHAMPAIGN, IL LAFAYETTE, IN PADUCAH, KY (833) 424-2782 184-001397

SCALE: N/A

WARRENSBURG SRTS SIDEWALK IMPROVEMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
GENERAL NOTES, ALIGNMENT, & BENCHMARKS		19-00001-00-SW	MACON	10	2	
			CONTRAC	T NO.	95915	
SHEET NO. 1 OF 1 SHEETS STA. TO STA.		TILINOIS EED AT	n ppn iect			

CODE NO.	ITEM	UNIT	TOTAL QUANT I
	DETECTABLE WARNINGS	SQ FT	120
44000600	SIDEWALK REMOVAL	SQ FT	5354
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	42
50105220	PIPE CULVERT REMOVAL	FOOT	35
542D0215	PIPE CULVERTS, CLASS D, TYPE 1 10"	FOOT	42
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	12
60600605	CONCRETE CURB, TYPE B	FOOT	27
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	42
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	81
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	144
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	6376
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	901
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
<u> </u>			

\* SPECIALTY ITEMS

USEN NAME 1 rkocher	DESIGNED - CML	MEA12ED -
	ORAWN - RLK	REVISED -
PLOT SCALE # 28.8888 1/ in.	CHECKED - CMF	REVISED -
PLOT DATE + 9/14/2822	DATE - 7/13/2022	REVISED -

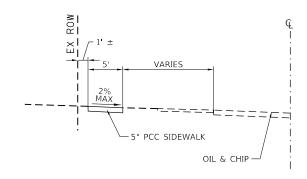
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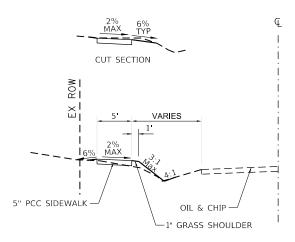
184-001397

WARRENSBURG SRTS SIDEWALK IMPROVEMENTS SUMMARY OF QUANTITIES SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA,

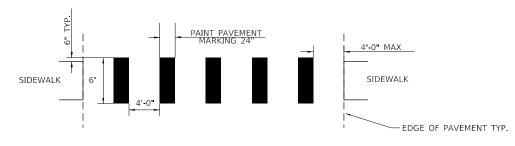
SECTION 19-00001-00-SW



## WARREN STREET TYPICAL CROSS SECTION



WEST STREET
TYPICAL CROSS SECTION



LONGITUDINAL
TYPICAL STRIPING DETAIL

USER NAME = rkocher	DESIGNED - CMF	REVISED -
	DRAWN - RLK	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - CMF	REVISED -
PLOT DATE = 9/13/2022	DATE - 7/13/2022	REVISED -

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WARRENSBURG SRTS SIDEWALK IMPROVEMENTS
TYPICAL SECTION & DETAILS

SHEET NO. OF SHEETS STA. TO STA.

F.A. SECTION COUNTY SHEETS NO. 19-00001-00-SW MACON 10 4

CONTRACT NO. 95915

