

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PLANS FOR PROPOSED  
CITY OF MURPHYSBORO**

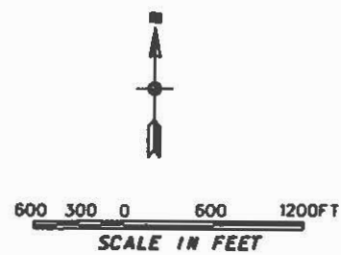
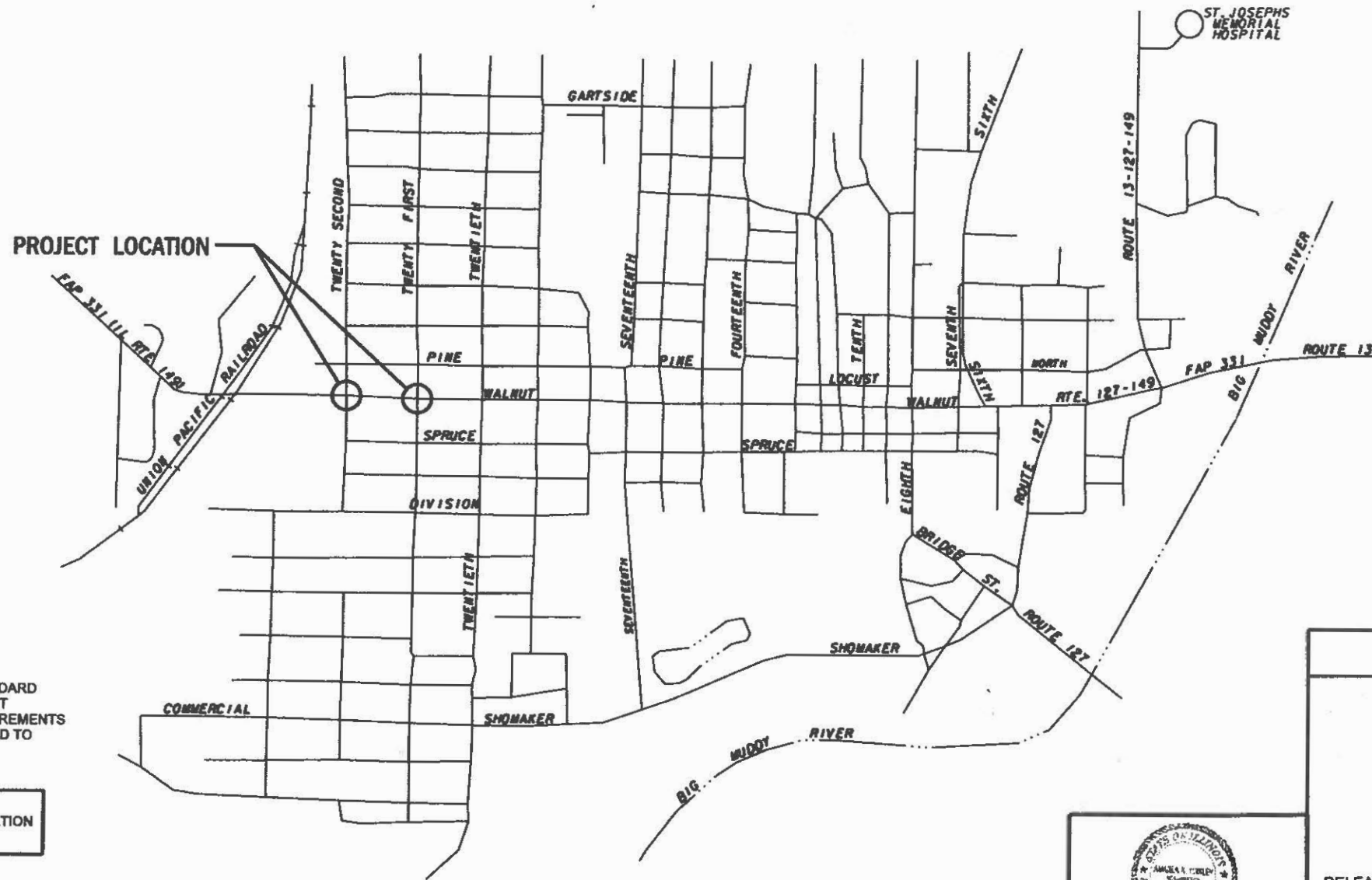
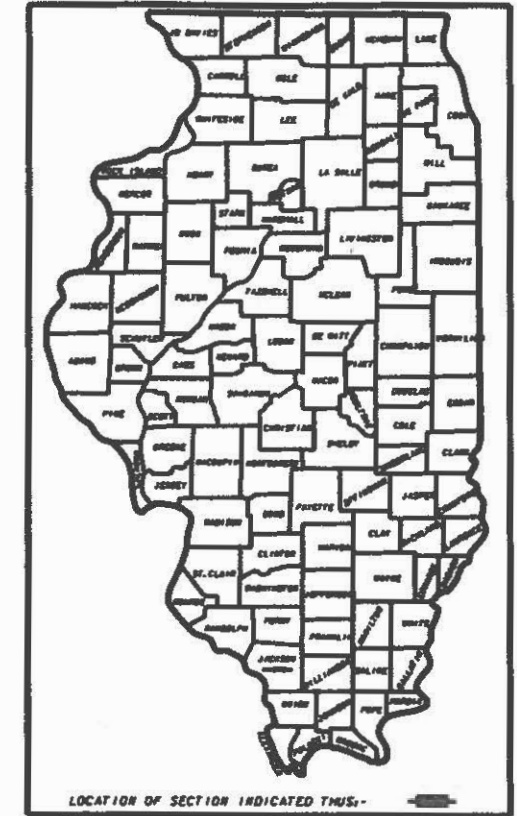
F.A.P. ROUTE 331 - (ILL. ROUTE 149) - WALNUT STREET  
SECTION 19-00077-00-SP  
JACKSON COUNTY  
JOB NO. C-99-086-19  
PROJECT NO. W5FM(310)  
CONTRACT 99640

**MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS  
SAFE ROUTES TO SCHOOL**

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	1
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		

**INDEX OF SHEETS**

1. PROJECT LOCATION MAP AND INDEX OF SHEETS
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5. REMOVAL PLAN - WALNUT STREET AND 21ST STREET
6. PLAN - WALNUT STREET AND 22ND STREET
7. PLAN - WALNUT STREET AND 21ST STREET
8. PAVEMENT MARKING AND SIGNAGE PLAN



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLAN WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE BAR SCALE SHOULD BE USED TO DETERMINE THE CORRECT SCALE FOR DRAWING.

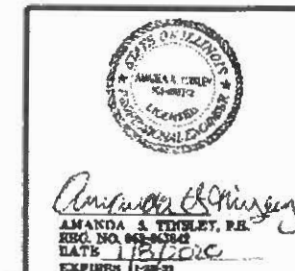
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

**CONTRACT NO. 99640**

**PLANS PREPARED BY:**

SCALE AS SHOWN	<b>J. T. BLANKINSHIP, INC. CONSULTING ENGINEERS</b> 401 S. 17TH STREET MURPHYSBORO, ILLINOIS	FILE NO.
DATE		E-10317
SEPT. 2019		SHEET NO. 1 OF 8

**LOCATION MAP**  
PROJECT LENGTH - 0.11 MILES



**CLASSIFICATION - PRINCIPAL ARTERIAL  
2017 A.D.T. - 6,000**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	February 19, 2020 <i>[Signature]</i> MAYOR CITY OF MURPHYSBORO
PASSED	FEBRUARY 30, 2020 <i>[Signature]</i> DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	February 20, 2020 <i>[Signature]</i> ACTING REGION FIVE ENGINEER







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F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	2
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		

G E N E R A L P L A N N O T E S

1. NO UNDERGROUND UTILITIES WERE LOCATED FOR THIS PROJECT. THE EXISTENCE, POSITION, SIZE AND TYPE OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE AS SHOWN. VERIFICATION OF THE EXISTENCE, POSITION, SIZE AND TYPE OF ALL UNDERGROUND UTILITIES SHALL BE REQUESTED THROUGH "JULIE", 1-800-892-0126 PRIOR TO ANY CONSTRUCTION.
2. ALL PHYSICAL FEATURES DEPICTED BY THIS SURVEY WERE CONDITIONS AS OF AUGUST, 2019.
3. THE VERTICAL DATUM FOR THIS SURVEY IS ASSUMED.

**L E G E N D**

	— POWER POLE W/ STREET LIGHT
	— UTILITY POLE W/ STREET LIGHT
	— STREET LIGHT
	— TELEPHONE POLE
	— FIRE HYDRANT
WV O	— WATER VALVE
WM O	— WATER METER
— G —	— GAS LINE
- - - - - ROW - - - - -	— RIGHT OF WAY
	— SIGN
BC	— TOP BACK OF CURB
FL	— FLOWLINE
FG	— FLAG OF CURB
x100.00	— EXISTING SPOT ELEVATION
x100.00	— PROPOSED SPOT ELEVATION

**LIST OF HIGHWAY STANDARDS**

HIGHWAY STANDARD NO.	TITLE
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
442101-09	CLASS B PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

J.U.L.I.E 1-800-892-0123

PROJECT UTILITIES

CITY OF MURPHYSBORO	- GAS, WATER, SEWER
AMEREN ILLINOIS, MARION, ILLINOIS	- ELECTRIC
FRONTIER NORTH, MARION ILLINOIS	- TELEPHONE
MEDIACOM, MARION, ILLINOIS	- CABLE T.V.
CLEARWAVE COMMUNICATIONS	- FIBER-OPTICS

CITY OF MURPHYSBORO JACKSON COUNTY, ILLINOIS			
<b>MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS SAFE ROUTES TO SCHOOL</b>			
<b>LIST OF STANDARDS, PROJECT UTILITIES, LEGEND AND GENERAL PLAN NOTES</b>			
SCALE AS SHOWN	<b>J. T. BLANKINSHIP, INC.</b>		FILE NO. E-10317
DATE SEPTEMBER 2019	CONSULTING ENGINEERS & LAND SURVEYORS ILLINOIS PROFESSIONAL DESIGN FIRM NO.1394		DESIGN FILE E10317-02.DGN
DRAWN BY SDR	401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62966 PHONE 618-667-1771		SHEET NO. 2 OF 8

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	3
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		

**SUMMARY OF QUANTITIES**

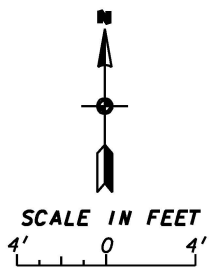
PAY CODE	ITEM	UNIT	TOTAL QUANTITY
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,132
42400800	DETECTABLE WARNINGS	SQ FT	156
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	143
44000600	SIDEWALK REMOVAL	SQ FT	1,068
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	18
44213200	SAW CUTS	FOOT	270
44213204	TIE BARS 3/4"	EACH	8
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	83
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	48
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	14
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
Δ 73000100	WOOD SIGN SUPPORT	FOOT	4
Δ 78000600	THERMOPLASTIC PAVEMENT-MARKING LINE 12"	FOOT	349
Δ X0325714	FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION	EACH	4
X0327980	PAVEMENT MARKING REMOVAL-WATER BLASTING	SQ FT	110
X4404000	PARKING LOT PAVEMENT REMOVAL	SQ YD	12.5
X6026624	VALVE BOX TO BE ADJUSTED (SPECIAL)	EACH	1
Δ X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	134

Δ SPECIALTY ITEMS

CITY OF MURPHYSBORO JACKSON COUNTY, ILLINOIS			
MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS SAFE ROUTES TO SCHOOL			
SUMMARY OF QUANTITIES			
SCALE AS SHOWN	J. T. BLANKINSHIP, INC. CONSULTING ENGINEERS & LAND SURVEYORS ILLINOIS PROFESSIONAL DESIGN FIRM NO.1394 401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62456 PHONE 618-687-1771	FILE NO. E-10317	DESIGN FILE E10317-03.DGN
DATE SEPTEMBER 2019		SHEET NO. 3 OF 8	
DRAWN BY SDR			

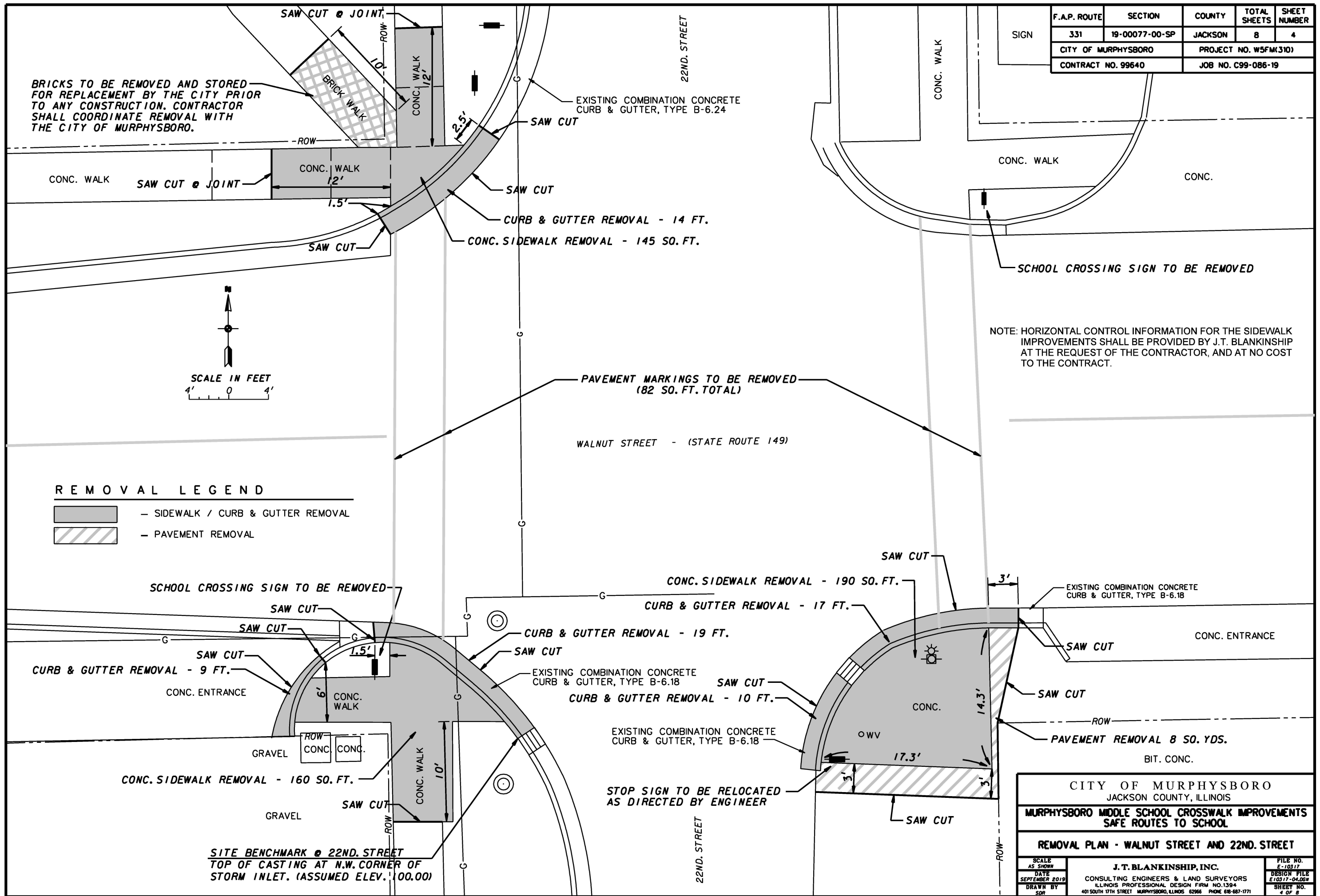
F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	4
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		

BRICKS TO BE REMOVED AND STORED FOR REPLACEMENT BY THE CITY PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL COORDINATE REMOVAL WITH THE CITY OF MURPHYSBORO.



**REMOVAL LEGEND**

- SIDEWALK / CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL



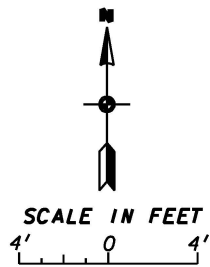
NOTE: HORIZONTAL CONTROL INFORMATION FOR THE SIDEWALK IMPROVEMENTS SHALL BE PROVIDED BY J.T. BLANKINSHIP AT THE REQUEST OF THE CONTRACTOR, AND AT NO COST TO THE CONTRACT.

SITE BENCHMARK @ 22ND STREET  
TOP OF CASTING AT N.W. CORNER OF  
STORM INLET. (ASSUMED ELEV. 100.00)

CITY OF MURPHYSBORO JACKSON COUNTY, ILLINOIS		
<b>MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS SAFE ROUTES TO SCHOOL</b>		
<b>REMOVAL PLAN - WALNUT STREET AND 22ND STREET</b>		
SCALE AS SHOWN	J.T. BLANKINSHIP, INC. CONSULTING ENGINEERS & LAND SURVEYORS ILLINOIS PROFESSIONAL DESIGN FIRM NO. 1394 401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62966 PHONE 618-687-1771	FILE NO. E-10317
DATE SEPTEMBER 2019		DESIGN FILE E10317-04.DGN
DRAWN BY SDR		SHEET NO. 4 OF 8

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	5
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		

SITE BENCHMARK @ 21ST STREET  
TOP OF HEADBOLT AT "M" IN MUELLER  
ON FIRE HYDRANT. (ASSUMED ELEV. 100.00)



21ST STREET  
PAVEMENT MARKINGS  
TO BE REMOVED  
(28 SQ. FT. TOTAL)

CONC. SIDEWALK REMOVAL - 195 SQ. FT.

CURB & GUTTER REMOVAL - 15 FT.

SAW CUT @ JOINT  
CONC. BIT. CONC.

PAVEMENT REMOVAL 4 SQ. YDS.

SAW CUT @ JOINT

EXISTING COMBINATION CONCRETE  
CURB & GUTTER, TYPE B-6.12

SCHOOL CROSSING SIGN TO BE REMOVED

REMOVAL LEGEND

- SIDEWALK / CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL

WALNUT STREET - (STATE ROUTE 149)

NOTE: HORIZONTAL CONTROL INFORMATION FOR THE SIDEWALK  
IMPROVEMENTS SHALL BE PROVIDED BY J.T. BLANKINSHIP  
AT THE REQUEST OF THE CONTRACTOR, AND AT NO COST  
TO THE CONTRACT.

CURB & GUTTER REMOVAL - 34 FT.

CONC. SIDEWALK REMOVAL - 198 SQ. FT.

EXISTING COMBINATION CONCRETE  
CURB & GUTTER, TYPE B-6.12

CURB & GUTTER  
REMOVAL - 25 FT.

SAW CUT

SAW CUT

EXISTING COMBINATION CONCRETE  
CURB & GUTTER, TYPE B-6.12

SCHOOL CROSSING SIGN  
TO BE REMOVED

SAW CUT

1.5'

SAW CUT @ JOINT

CONC. WALK (6' JOINTS, TYP.)

CONC. SIDEWALK  
REMOVAL - 180 SQ. FT.

SAW CUT @ JOINT

5'

CONC. WALK  
(5' JOINTS, TYP.)

1.5'

SAW CUT

EXISTING COMBINATION CONCRETE  
CURB & GUTTER, TYPE B-6.12

21ST STREET

CONC. OVERLAY  
(POOR CONDITION)

SAW CUT

2.5'

SAW CUT

EXISTING COMBINATION CONCRETE  
CURB & GUTTER, TYPE B-6.12

CONC.

CONC. WALK

SAW CUT @ JOINT

6'

SAW CUT @ JOINT

BIT. CONC.

PAVEMENT REMOVAL 0.5 SQ. YDS.

CONC. BASE FOR SIGN

CONC. PATCH  
WIFFLE BOY'S  
PIZZA SIGN

BIT. CONC.

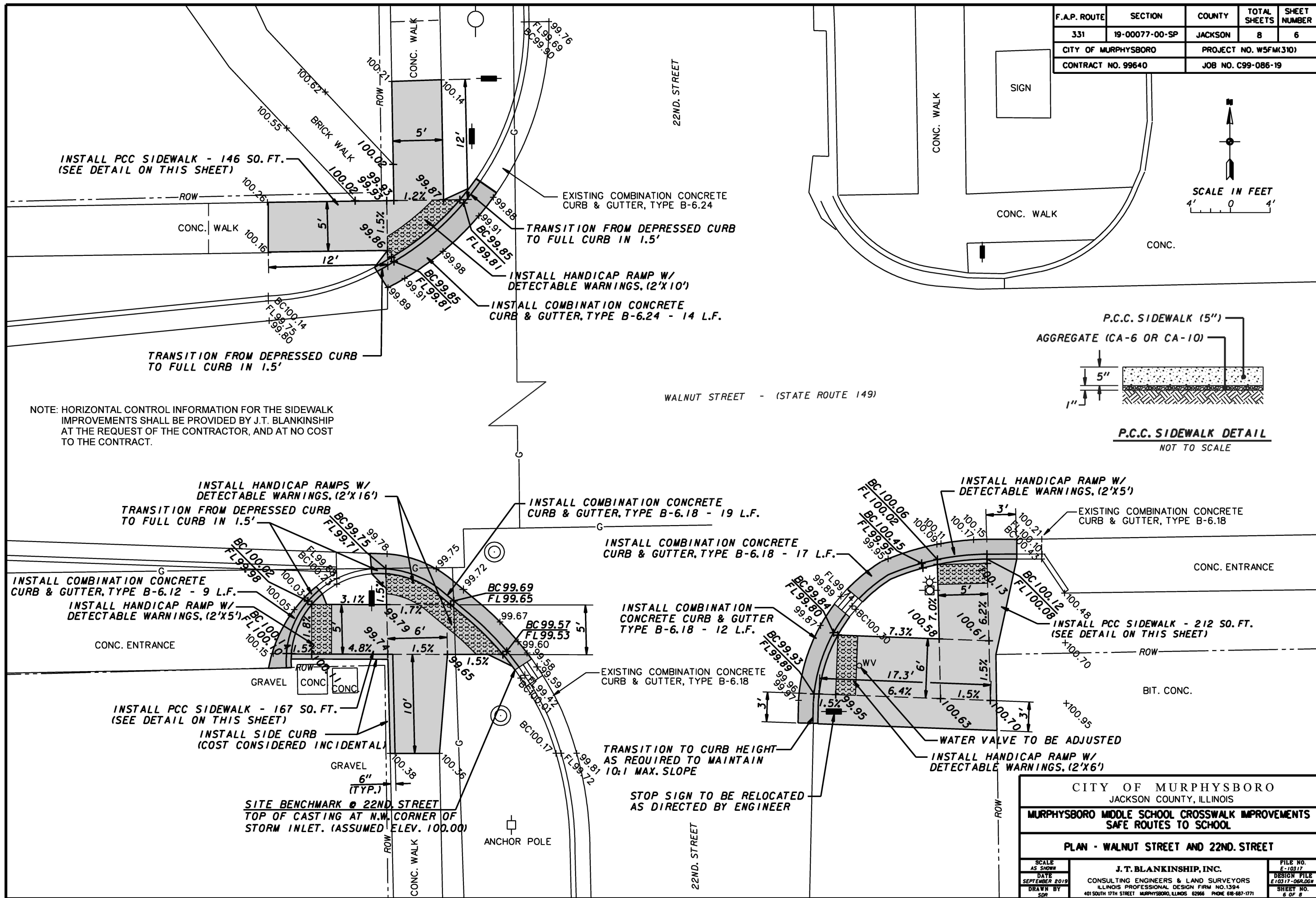
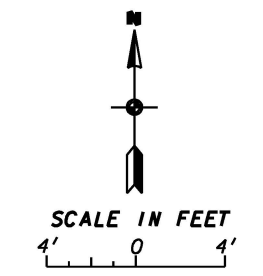
CITY OF MURPHYSBORO  
JACKSON COUNTY, ILLINOIS

MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS  
SAFE ROUTES TO SCHOOL

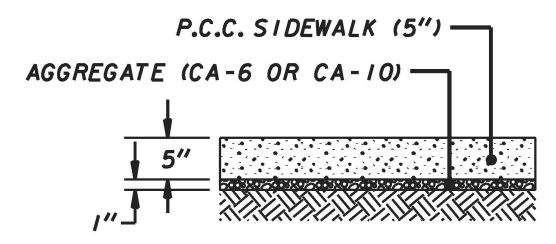
REMOVAL PLAN - WALNUT STREET AND 21ST STREET

SCALE AS SHOWN	J. T. BLANKINSHIP, INC. CONSULTING ENGINEERS & LAND SURVEYORS ILLINOIS PROFESSIONAL DESIGN FIRM NO. 1394 401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62966 PHONE 618-687-1771	FILE NO. E-10317 DESIGN FILE E10317-05.02N SHEET NO. 5 OF 8
DATE SEPTEMBER 2019		
DRAWN BY SDR		

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	6
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		



NOTE: HORIZONTAL CONTROL INFORMATION FOR THE SIDEWALK IMPROVEMENTS SHALL BE PROVIDED BY J.T. BLANKINSHIP AT THE REQUEST OF THE CONTRACTOR, AND AT NO COST TO THE CONTRACT.



**P.C.C. SIDEWALK DETAIL**  
NOT TO SCALE

CITY OF MURPHYSBORO  
JACKSON COUNTY, ILLINOIS

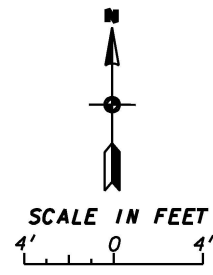
**MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS  
SAFE ROUTES TO SCHOOL**

**PLAN - WALNUT STREET AND 22ND STREET**

SCALE AS SHOWN	J. T. BLANKINSHIP, INC.	FILE NO. E-10317
DATE SEPTEMBER 2019	CONSULTING ENGINEERS & LAND SURVEYORS	DESIGN FILE E10317-06R.DGN
DRAWN BY SDR	ILLINOIS PROFESSIONAL DESIGN FIRM NO.1394 401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62966 PHONE 618-667-1771	SHEET NO. 6 OF 8

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	7
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		

**SITE BENCHMARK @ 21ST. STREET**  
TOP OF HEADBOLT AT "M" IN MUELLER  
ON FIRE HYDRANT. (ASSUMED ELEV. 100.00)



EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

INSTALL HANDICAP RAMP W/ DETECTABLE WARNINGS. (2'X6')

INSTALL SIDE CURB (COST CONSIDERED INCIDENTAL) 2.3% SLOPE

INSTALL PCC SIDEWALK - 227 SQ. FT. (SEE DETAIL ON SHEET 6)

INSTALL HANDICAP RAMP W/ DETECTABLE WARNINGS. (2'X6')

TRANSITION FROM DEPRESSED CURB TO FULL CURB IN 1.5'

INSTALL COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 - 15 L.F.

WALNUT STREET - (STATE ROUTE 149)

INSTALL COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 - 34 L.F.

NOTE: HORIZONTAL CONTROL INFORMATION FOR THE SIDEWALK IMPROVEMENTS SHALL BE PROVIDED BY J.T. BLANKINSHIP AT THE REQUEST OF THE CONTRACTOR, AND AT NO COST TO THE CONTRACT.

INSTALL COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 - 25 L.F.

INSTALL HANDICAP RAMP W/ DETECTABLE WARNINGS. (2'X6')

EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

TRANSITION FROM DEPRESSED CURB TO FULL CURB IN 1.5'

CONC. WALK (6' JOINTS, TYP.)

INSTALL PCC SIDEWALK - 180 SQ. FT. (SEE DETAIL ON SHEET 6)

INSTALL HANDICAP RAMP W/ DETECTABLE WARNINGS. (2'X6')

INSTALL SIDE CURB (COST CONSIDERED INCIDENTAL) INSTALL CLASS B PATCH - 18 SQ. YDS.

INSTALL SIDE CURB (COST CONSIDERED INCIDENTAL)

TRANSITION FROM DEPRESSED CURB TO FULL CURB IN 1.5'

TRANSITION FROM DEPRESSED CURB TO FULL CURB IN 1.5'

INSTALL #6 BARS @ 24" CTR. 30" LENGTH. (TYP.)

INSTALL HANDICAP RAMP W/ DETECTABLE WARNINGS. (2'X6')

5.6% SLOPE

INSTALL HANDICAP RAMP W/ DETECTABLE WARNINGS. (2'X6')

TRANSITION FROM DEPRESSED CURB TO FULL CURB IN 1.5'

EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

INSTALL PCC SIDEWALK - 200 SQ. FT. (SEE DETAIL ON SHEET 6)

CONC. PATCH FOR SIGN

CITY OF MURPHYSBORO JACKSON COUNTY, ILLINOIS

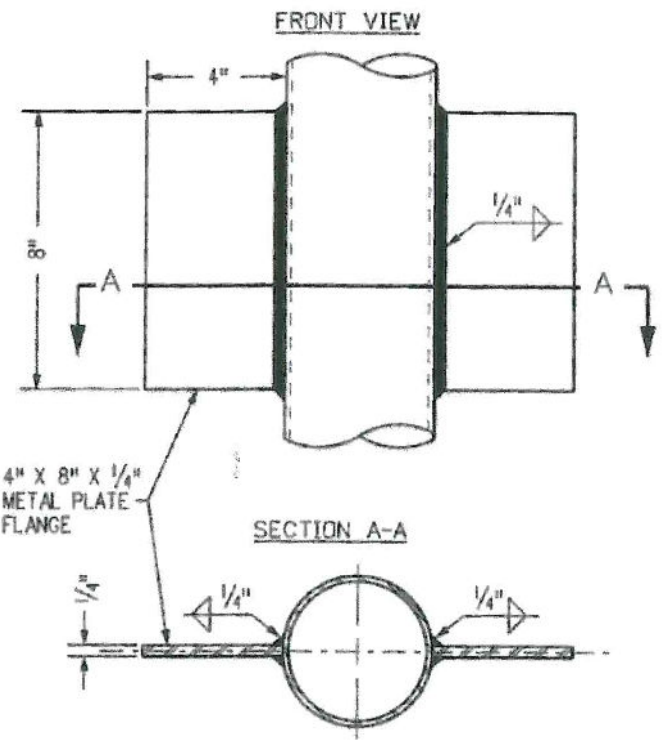
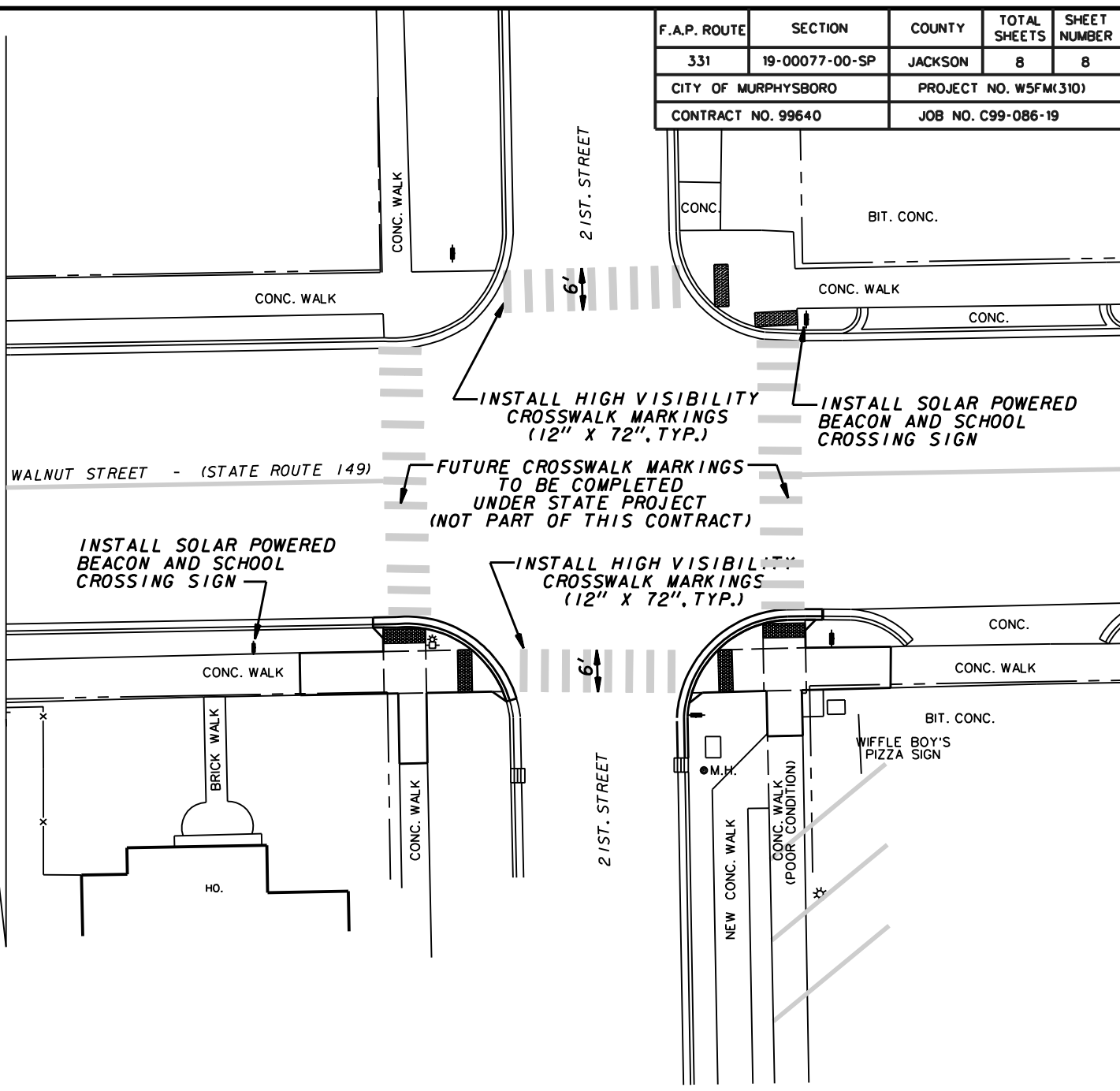
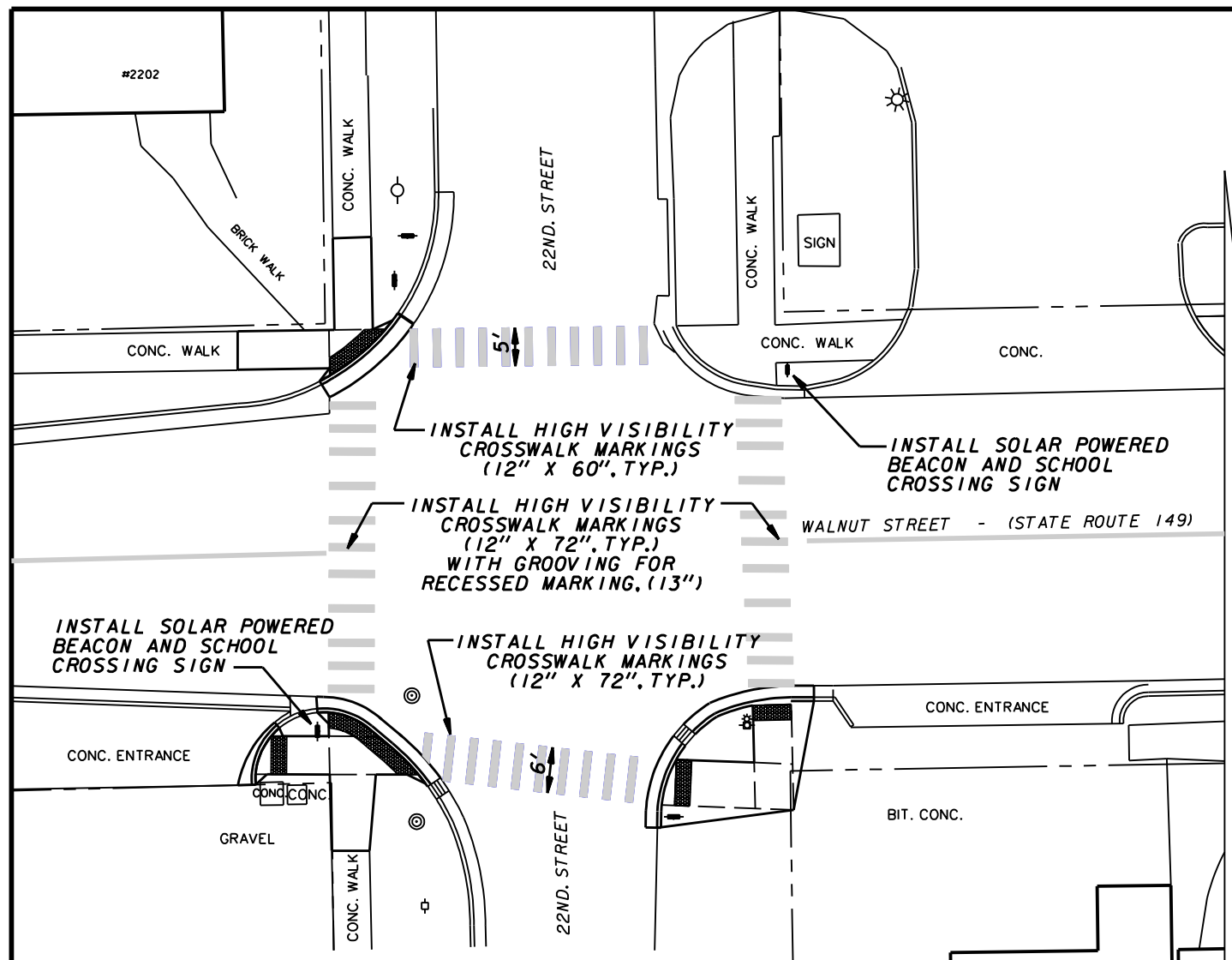
MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS SAFE ROUTES TO SCHOOL

PLAN - WALNUT STREET AND 21ST. STREET

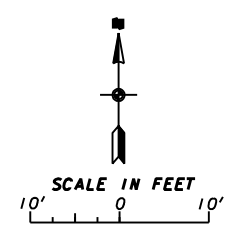
SCALE AS SHOWN	FILE NO. E-10317
DATE SEPTEMBER 2019	DESIGN FILE E10317-07R.DGN
DRAWN BY SDR	SHEET NO. 7 OF 8

J.T. BLANKINSHIP, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
ILLINOIS PROFESSIONAL DESIGN FIRM NO.1394  
401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62966 PHONE 618-687-1771

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
331	19-00077-00-SP	JACKSON	8	8
CITY OF MURPHYSBORO		PROJECT NO. W5FM(310)		
CONTRACT NO. 99640		JOB NO. C99-086-19		



**POST ANCHOR DETAILS**  
NOT TO SCALE



NOTE: HORIZONTAL CONTROL INFORMATION FOR THE SIDEWALK IMPROVEMENTS SHALL BE PROVIDED BY J.T. BLANKINSHIP AT THE REQUEST OF THE CONTRACTOR, AND AT NO COST TO THE CONTRACT.

<b>CITY OF MURPHYSBORO</b> JACKSON COUNTY, ILLINOIS		
<b>MURPHYSBORO MIDDLE SCHOOL CROSSWALK IMPROVEMENTS</b> SAFE ROUTES TO SCHOOL		
<b>PAVEMENT MARKING, SIGNAGE PLAN</b> AND POST ANCHOR DETAIL		
SCALE AS SHOWN	<b>J. T. BLANKINSHIP, INC.</b> CONSULTING ENGINEERS & LAND SURVEYORS ILLINOIS PROFESSIONAL DESIGN FIRM NO.1394 401 SOUTH 17TH STREET MURPHYSBORO, ILLINOIS 62966 PHONE 618-687-1771	FILE NO. E-10317
DATE SEPTEMBER 2019		DESIGN FILE E10317-08R.DGN
DRAWN BY SDR		SHEET NO. 8 OF 8