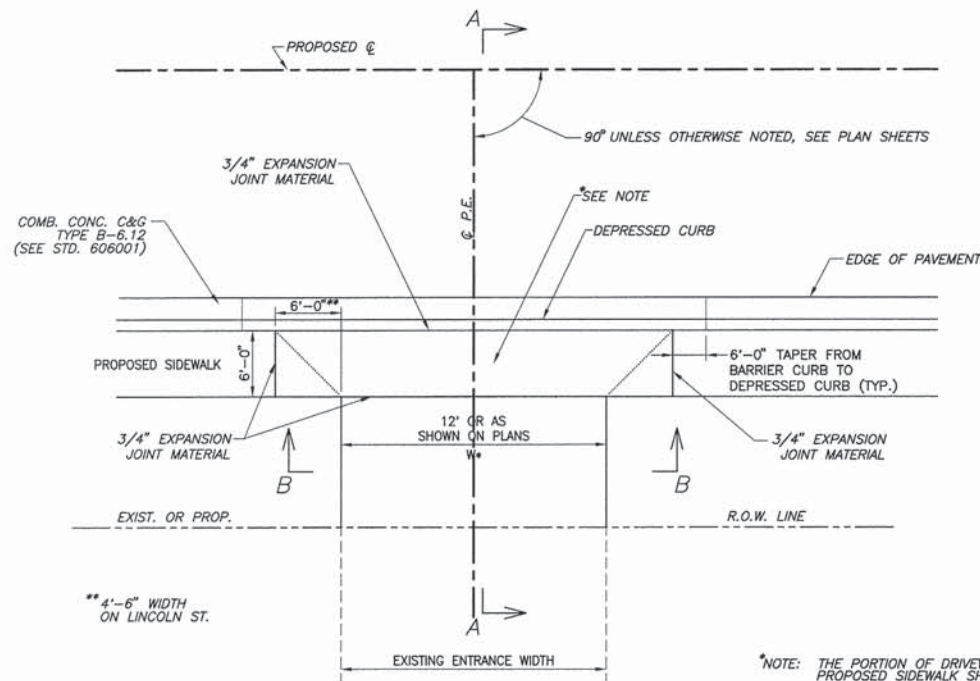
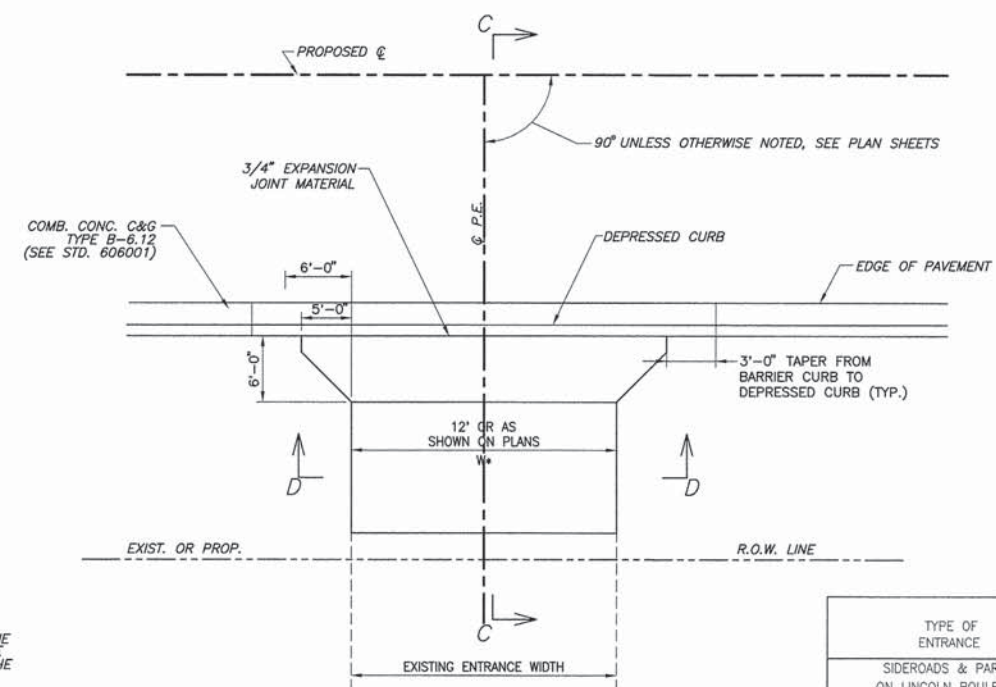


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	101
FEDERAL AID PROJECT			CONTRACT 97522	



**P.E. DETAIL "A"**  
PRIVATE ENTRANCE WITH SIDEWALK ADJACENT TO ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.12  
N.T.S.

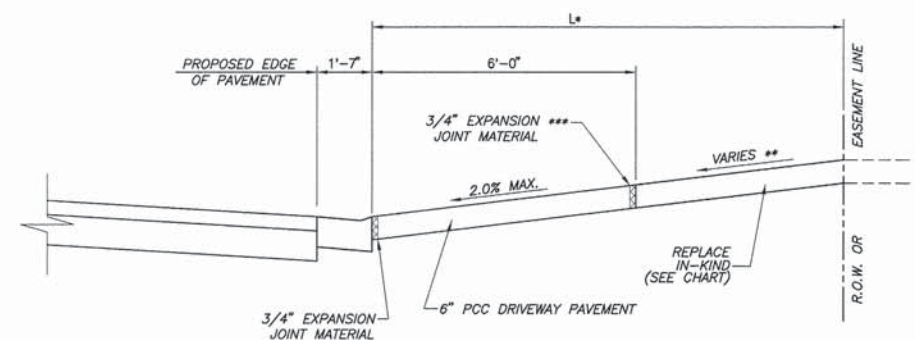
\*NOTE: THE PORTION OF DRIVEWAY PAVEMENT ALONG ALIGNMENT OF THE PROPOSED SIDEWALK SHALL BE POURED SEPARATELY FROM THE REMAINDER OF THE DRIVEWAY PAVEMENT AND GROOVED WITH THE SAME SPACING AS THE ADJACENT SIDEWALK. THIS WORK SHALL BE PAID FOR AS PCC DRIVEWAY PAVEMENT, 6".



**P.E. DETAIL "B"**  
PRIVATE ENTRANCE WITHOUT SIDEWALK  
N.T.S.

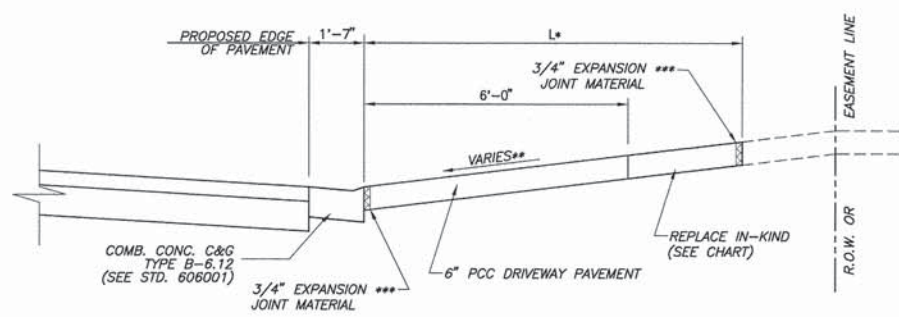
TYPE OF ENTRANCE	NEW ENTRANCE MATERIAL	
	INCIDENTAL HOT-MIX ASPHALT 6"	AGGREGATE BASE COURSE TYPE B, 8"
SIDEROADS & PARKING ON LINCOLN BOULEVARD	X	X

TYPE OF ENTRANCE	EXISTING MATERIAL	NEW ENTRANCE MATERIAL (BEYOND TAPERS)			
		PCC DRIVEWAY PAVEMENT 6"	INCIDENTAL HOT-MIX ASPHALT SURFACING 3"	AGGREGATE BASE COURSE TYPE B, 8"	AGGREGATE SURFACE COURSE TYPE B, 6"
PRIVATE & COMMERCIAL	CONCRETE	X			
	BITUMINOUS		X	X	
	AGGREGATE				X



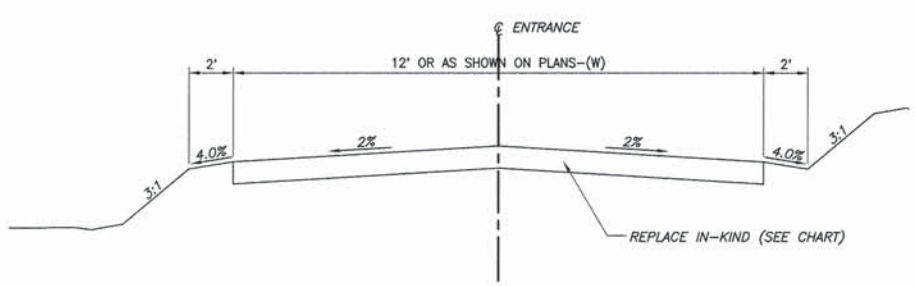
**SECTION "A-A"**

\* SEE ENTRANCE SCHEDULE FOR DISTANCES  
\*\* SEE CROSS SECTIONS FOR SLOPES  
\*\*\* EXPANSION REQUIRED ADJACENT TO CONCRETE PAVEMENT

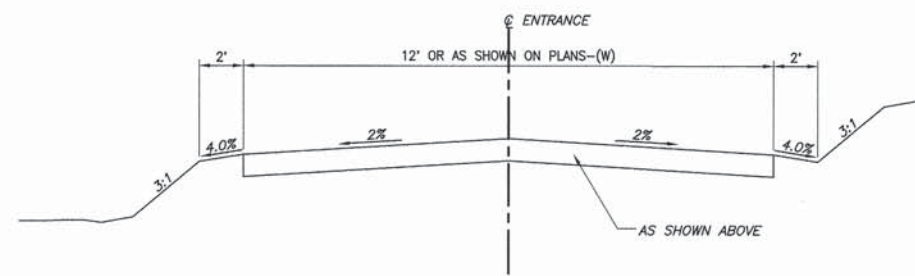


**SECTION "C-C"**

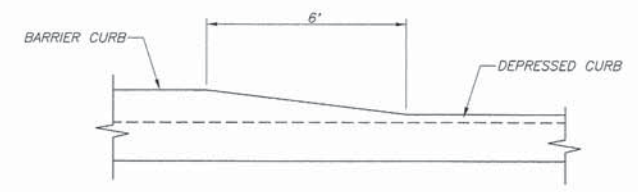
\* SEE ENTRANCE SCHEDULE FOR DISTANCES  
\*\* SEE CROSS SECTIONS FOR SLOPES  
\*\*\* EXPANSION REQUIRED ADJACENT TO CONCRETE PAVEMENT



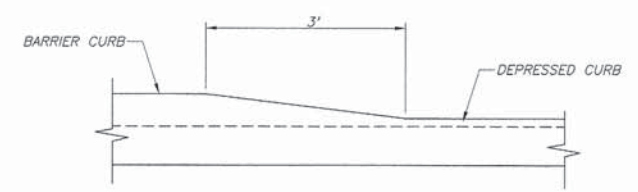
**SECTION "B-B"**



**SECTION "D-D"**

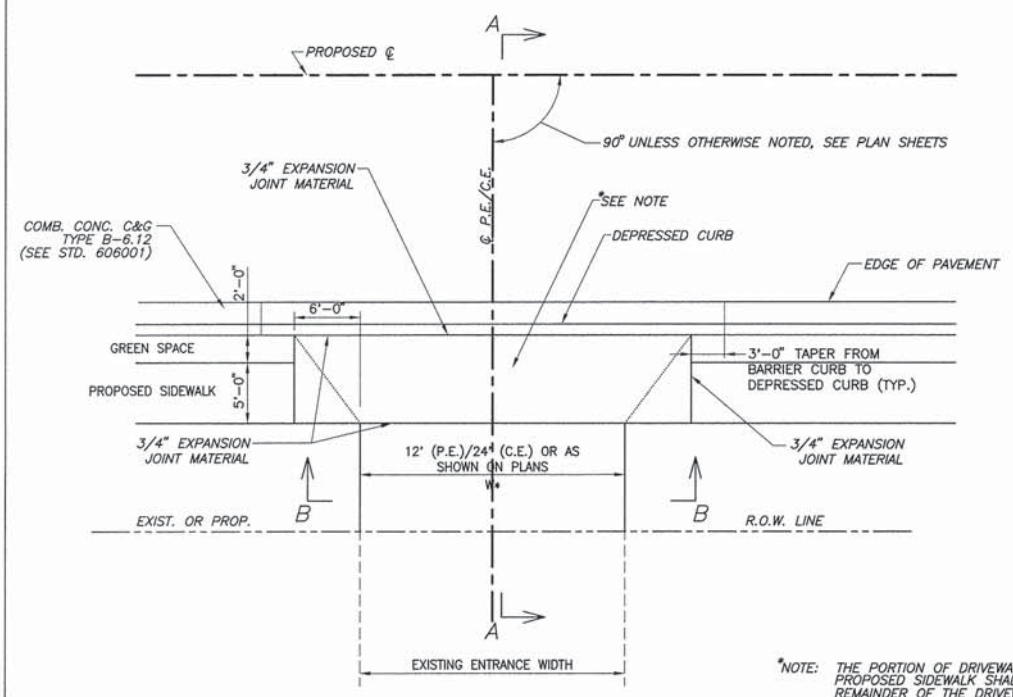


**DETAIL OF CURB HEIGHT TRANSITION (DETAIL "A")**  
N.T.S.



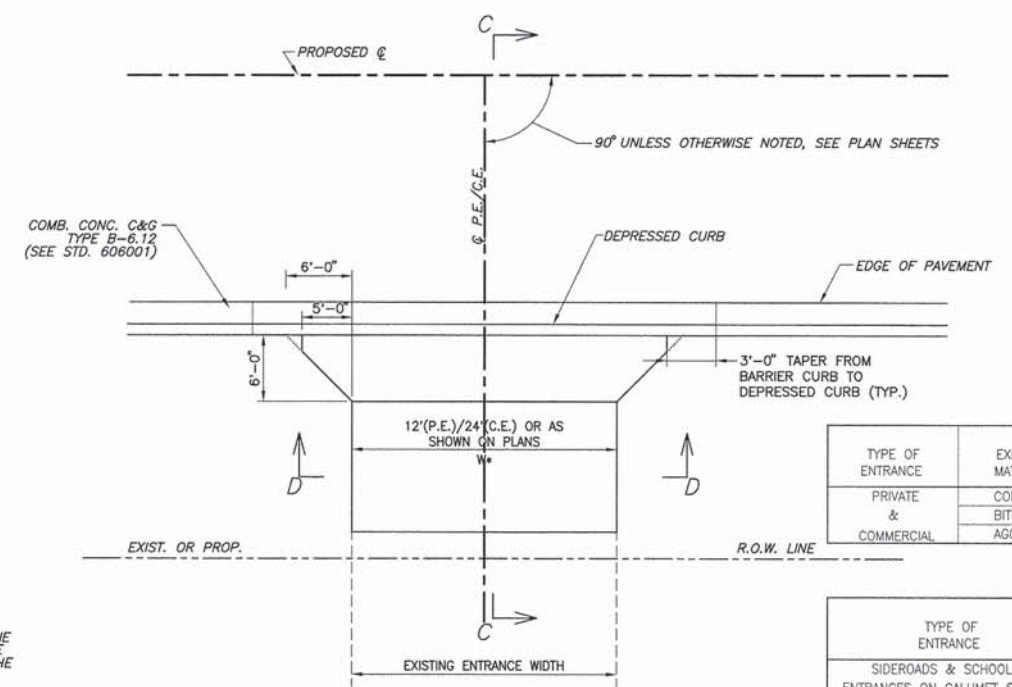
**DETAIL OF CURB HEIGHT TRANSITION (DETAIL "B")**  
N.T.S.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	102
FEDERAL AID PROJECT		CONTRACT 97522		



**P.E./C.E. DETAIL "A"**  
PRIVATE/COMMERCIAL ENTRANCES THROUGH SIDEWALK/BUFFER ADJACENT TO ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.12  
N.T.S.

\*NOTE: THE PORTION OF DRIVEWAY PAVEMENT ALONG ALIGNMENT OF THE PROPOSED SIDEWALK SHALL BE POURED SEPARATELY FROM THE REMAINDER OF THE DRIVEWAY PAVEMENT AND GROOVED WITH THE SAME SPACING AS THE ADJACENT SIDEWALK. THIS WORK SHALL BE PAID FOR AS PCC DRIVEWAY PAVEMENT, 6".

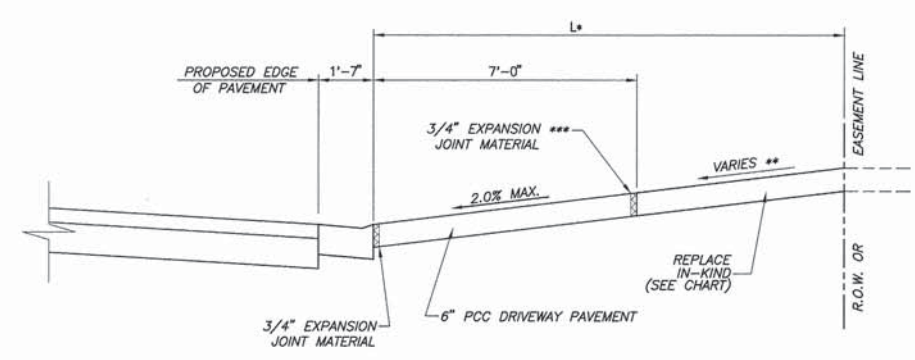


**P.E. DETAIL "B"**  
PRIVATE/COMMERCIAL ENTRANCES WITHOUT SIDEWALK  
N.T.S.

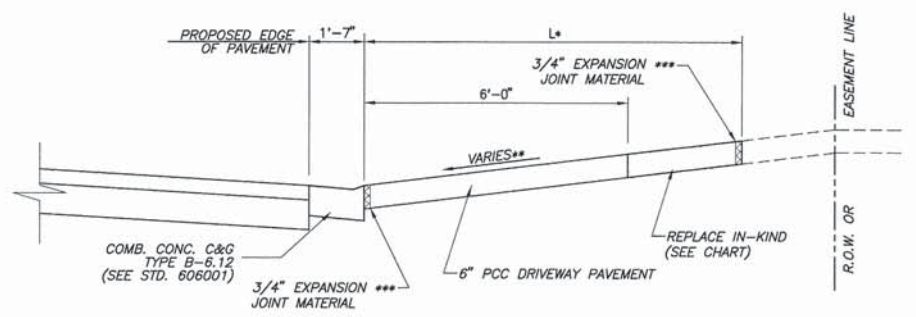
TYPE OF ENTRANCE	EXISTING MATERIAL	NEW ENTRANCE MATERIAL (BEYOND TAPERS)		
		PCC DRIVEWAY PAVEMENT 6"	INCIDENTAL HOT-MIX ASPHALT SURFACING 3"	AGGREGATE BASE COURSE TYPE B, 8"
PRIVATE & COMMERCIAL	CONCRETE BITUMINOUS AGGREGATE	X	X	X

TYPE OF ENTRANCE	NEW ENTRANCE MATERIAL		
	PCC PAVEMENT (JOINED) 6"	PAVEMENT FABRIC	SUBBASE GRANULAR MATERIAL, TYPE B 4"
SIDERoads & SCHOOL ENTRANCES ON CALUMET STREET	X	X	X

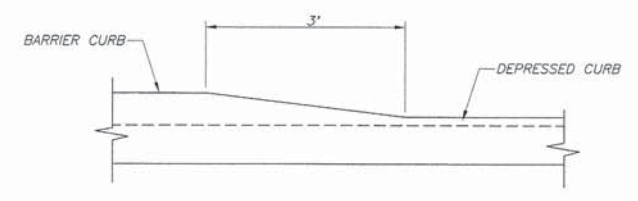
TYPE OF ENTRANCE	NEW ENTRANCE MATERIAL	
	INCIDENTAL HOT-MIX ASPHALT 3"	AGGREGATE BASE COURSE TYPE B, 8"
SIDERoads & SCHOOL ENTRANCES ON AIRPORT ROAD	X	X



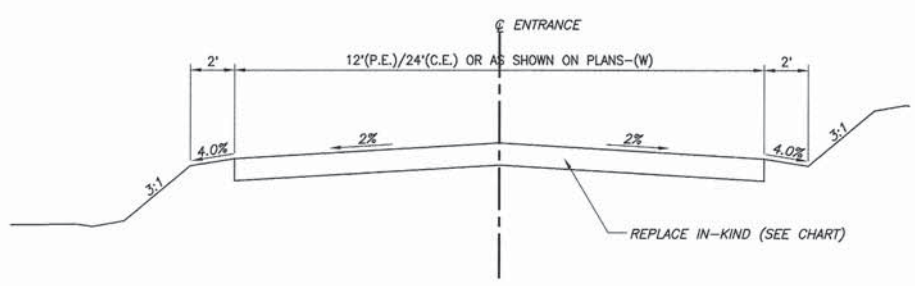
**SECTION "A-A"**  
\* SEE ENTRANCE SCHEDULE FOR DISTANCES  
\*\* SEE CROSS SECTIONS FOR SLOPES  
\*\*\* EXPANSION REQUIRED ADJACENT TO CONCRETE PAVEMENT



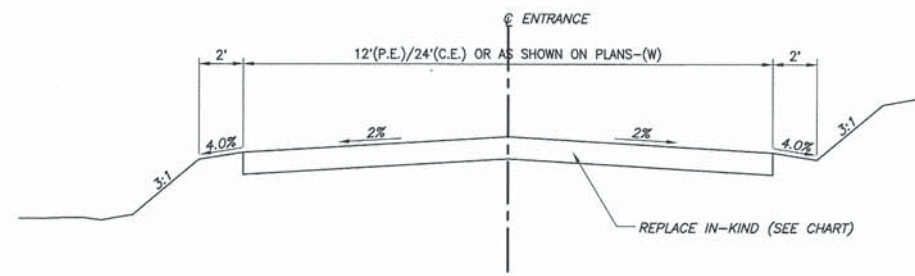
**SECTION "C-C"**  
\* SEE ENTRANCE SCHEDULE FOR DISTANCES  
\*\* SEE CROSS SECTIONS FOR SLOPES  
\*\*\* EXPANSION REQUIRED ADJACENT TO CONCRETE PAVEMENT



**DETAIL OF CURB HEIGHT TRANSITION**  
N.T.S.



**SECTION "B-B"**

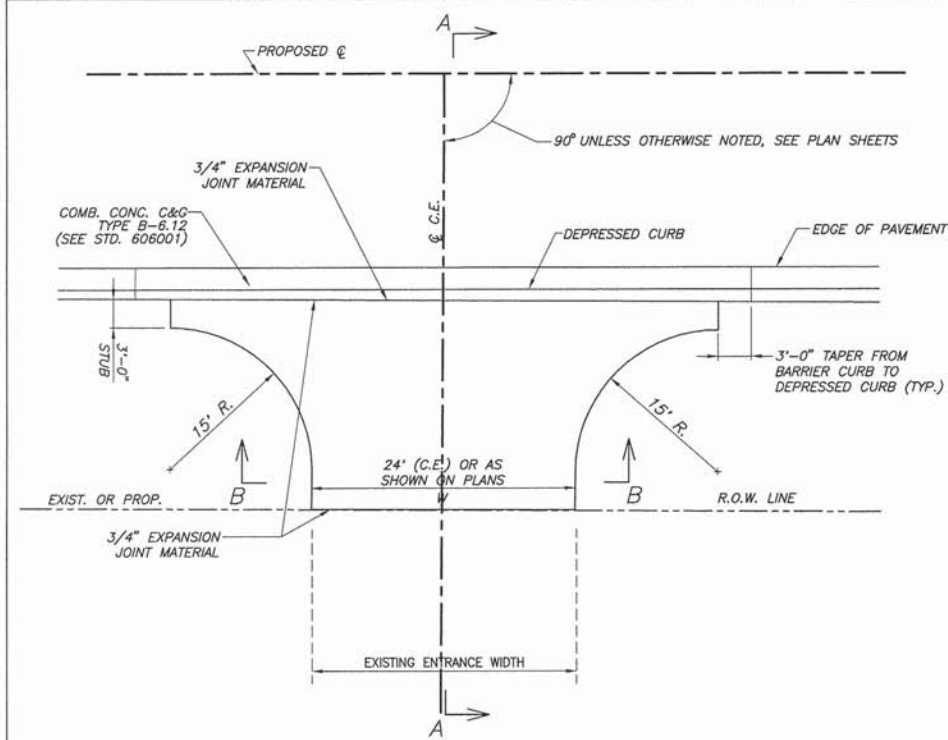


**SECTION "D-D"**

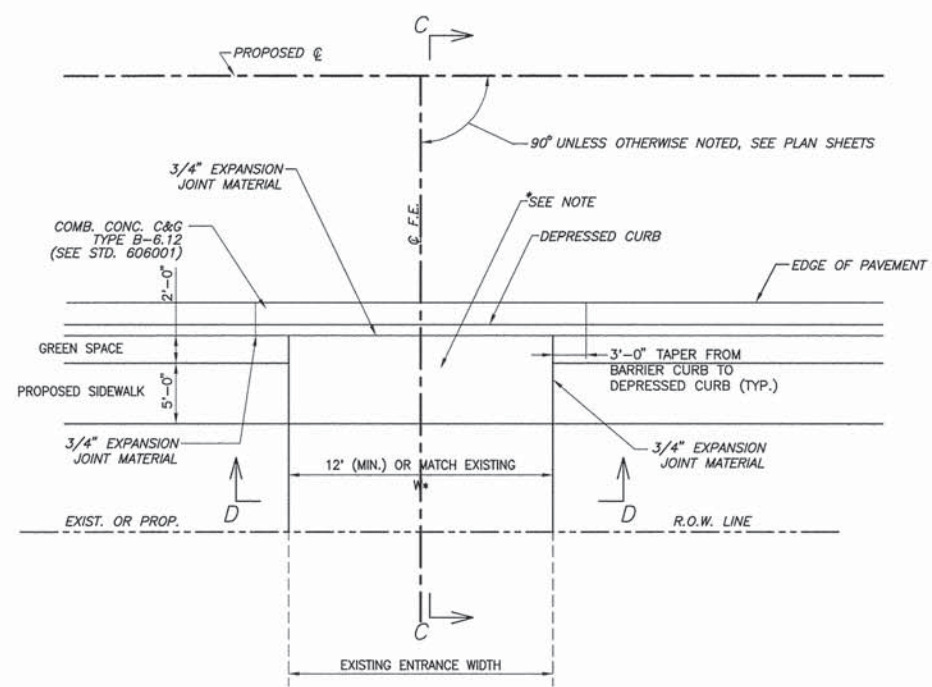
K:\1310 - Central - Calumet & Airport Road\031313\_03\_MISC\DWG\ENTRANCE\DWG\ENTRANCE.DWG 9/13/2013 1:37:53 PM, dwp708



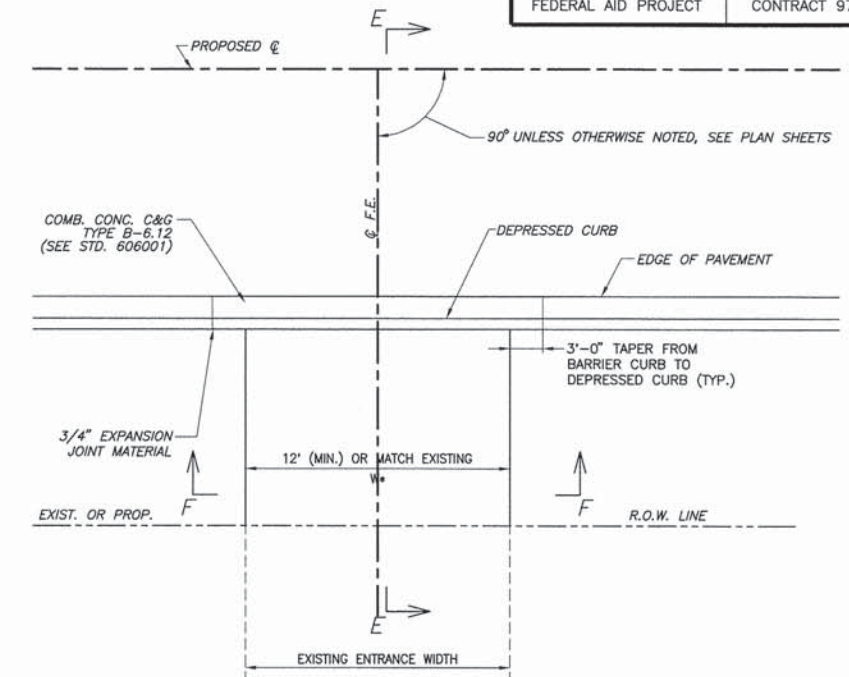
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
B602 B620 B617	09-00097-00-PV	MARION	151	103
FEDERAL AID PROJECT		CONTRACT 97522		



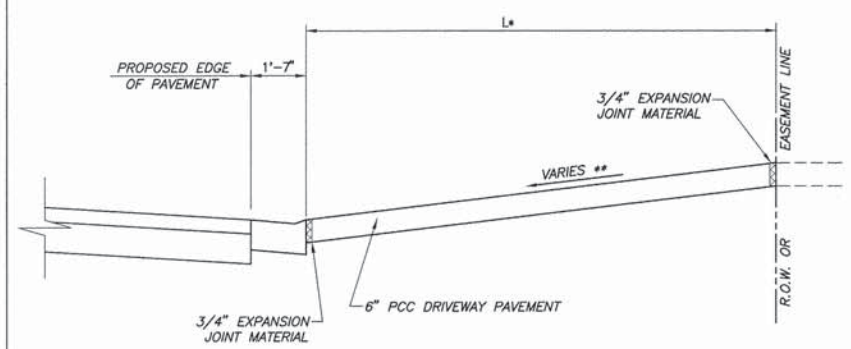
**SPECIAL C.E. DETAIL "A"**  
 STA. 203+73.73 RT. (C.E.)  
 STA. 208+32.38 RT. (C.E.)  
 STA. 209+76.38 RT. (C.E.)  
 STA. 222+35.79 RT. (C.E.)  
 N.T.S.



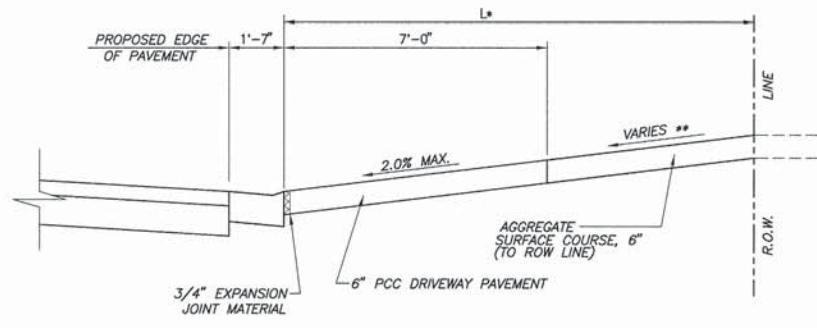
**F.E. DETAIL "A"**  
 FIELD ENTRANCES THROUGH SIDEWALK/BUFFER  
 ADJACENT TO ROADWAY PAVEMENT AND CONCRETE  
 CURB & GUTTER TYPE B-6.12  
 N.T.S.



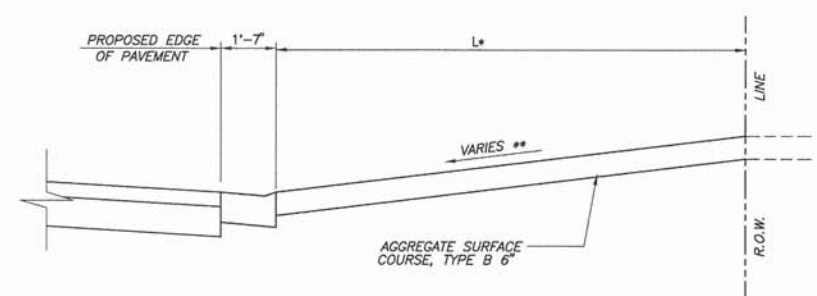
**F.E. DETAIL "B"**  
 FIELD ENTRANCES NOT ADJACENT TO SIDEWALK  
 N.T.S.



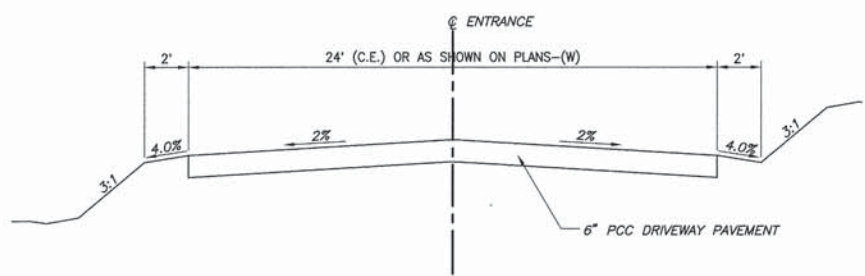
**SPECIAL SECTION "A-A"**  
 \* SEE ENTRANCE SCHEDULE FOR DISTANCES  
 \*\* SEE CROSS SECTIONS FOR SLOPES



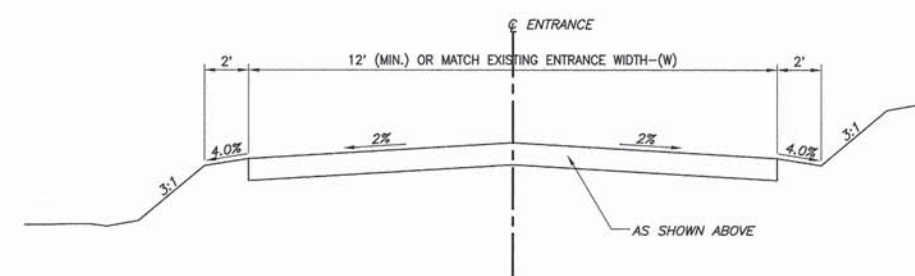
**SECTION "C-C"**  
 \* SEE ENTRANCE SCHEDULE FOR DISTANCES  
 \*\* SEE CROSS SECTIONS FOR SLOPES



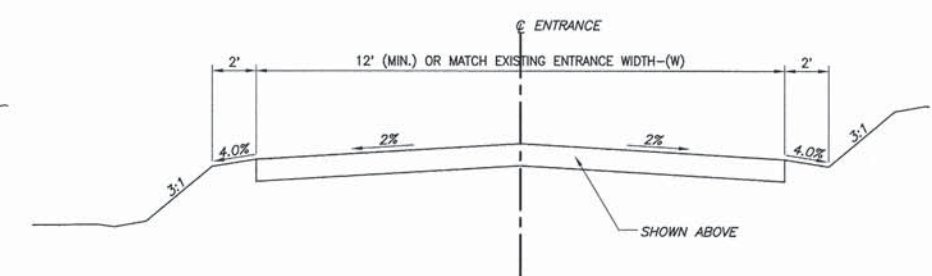
**SECTION "E-E"**  
 \* SEE ENTRANCE SCHEDULE FOR DISTANCES  
 \*\* SEE CROSS SECTIONS FOR SLOPES



**SPECIAL SECTION "B-B"**



**SECTION "D-D"**

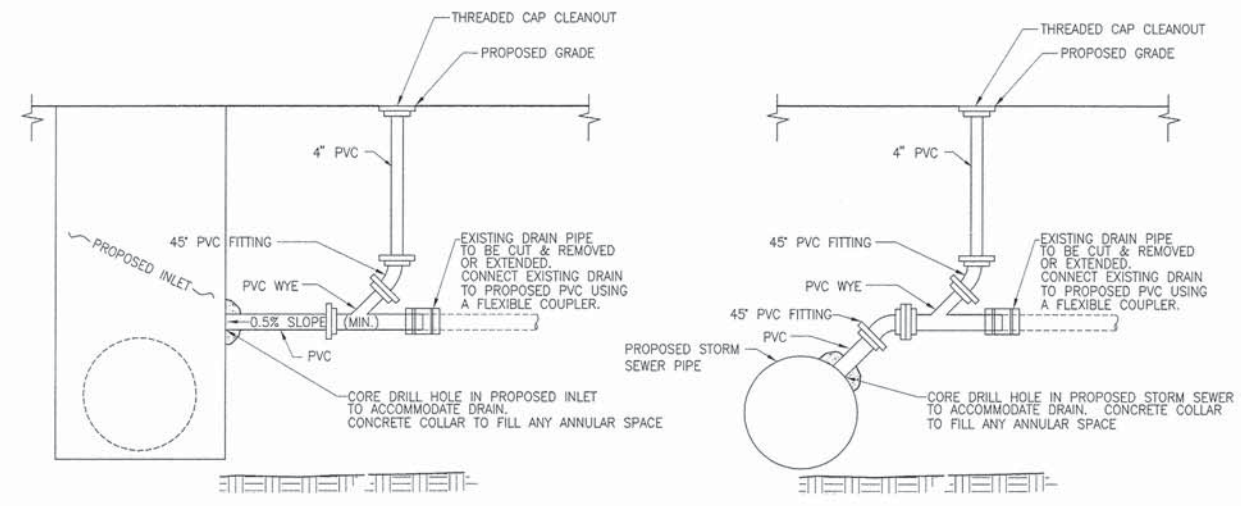


**SECTION "F-F"**

K:\AEDD - General - Calumet & Airport Road\09-00097-00-PV\MISC\DETAILS\ENTRANCE\ENTRANCE\_DETAILS.dwg 9/13/2011 10:11 AM 4/8/2012

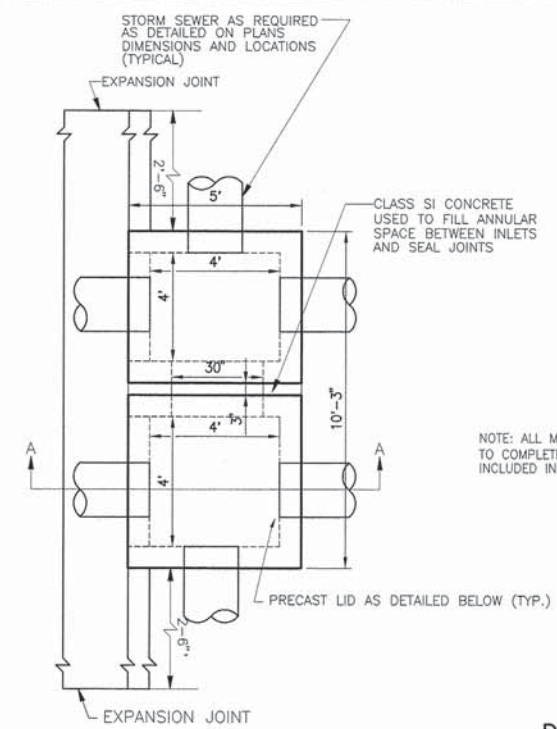


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	104
FEDERAL AID PROJECT		CONTRACT 97522		



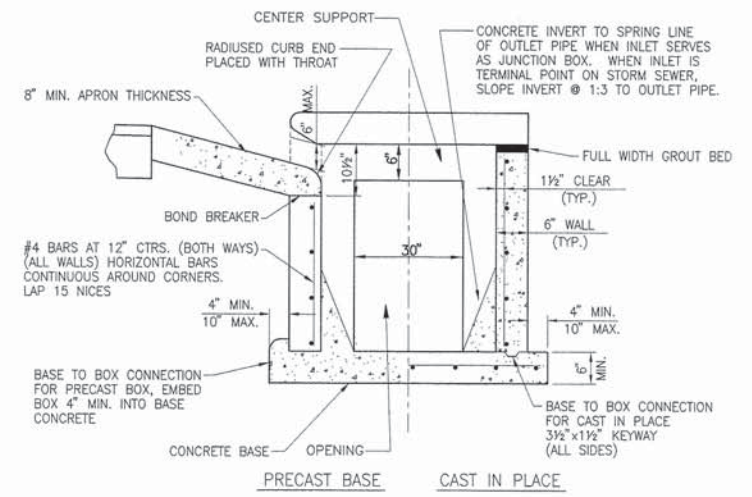
**CONNECTION TO INLETS**  
**CONNECTION TO STORM SEWER PIPE**  
**STORM SEWER CONNECTION**  
 N.T.S.

NOTE: ALL ITEMS REQUIRED TO COMPLETE THE CONNECTION OF THE EXISTING DRAINS SHALL BE INCLUDED IN PRICE OF STORM SEWER CONNECTION. SIZES SHALL MATCH THE EXISTING DIAMETERS WITH A MINIMUM DIAMETER OF 4" (REDUCERS MAY BE NEEDED, NOT SHOWN)

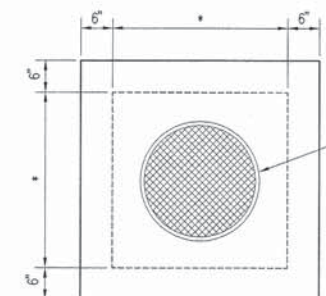


NOTE: ALL MATERIAL, LABOR & EQUIPMENT NECESSARY TO COMPLETE THE IMPROVEMENTS AS SHOWN SHALL BE INCLUDED IN THE COST OF THE INLETS.

**DOUBLE INLET DETAIL**  
 N.T.S.



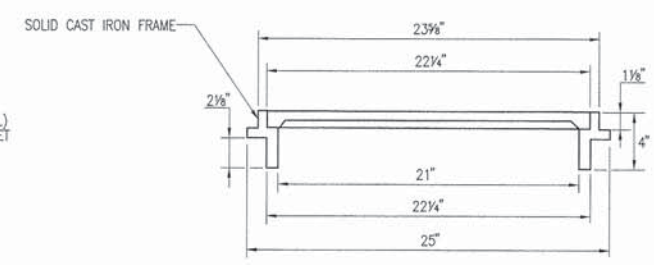
**ELEVATION A-A**



FRAME AND CLOSED LID (SEE DETAIL) INCLUDED IN THE COST OF THE INLET

- \* NO. 1 = 3'
- NO. 2 = 4'
- NO. 3 = 5'
- NO. 4 = 6'

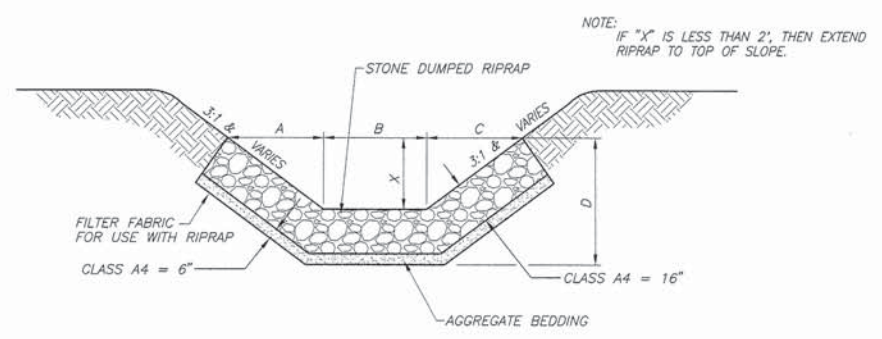
**PRECAST LID DETAIL**



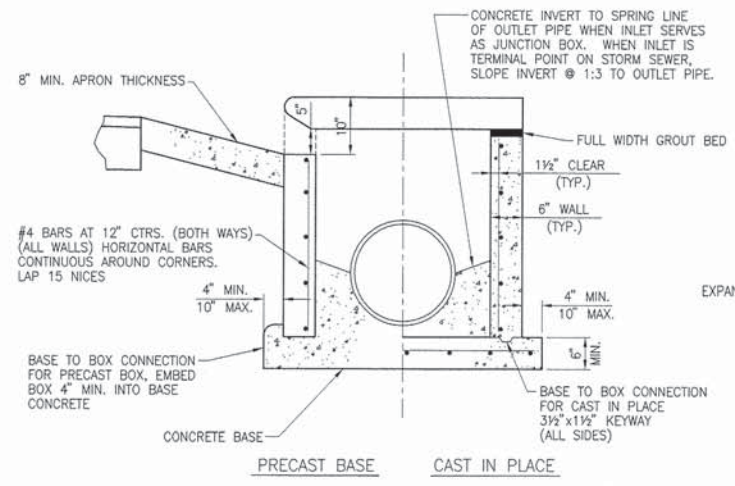
**FRAME AND CLOSED LID**

INLET TYPE	INSIDE WIDTH
INLETS, SPECIAL NO. 1	3" X 3"
INLETS, SPECIAL NO. 2	4" X 4"
INLETS, SPECIAL NO. 3	5" X 5"
INLETS, SPECIAL NO. 4	6" X 6"

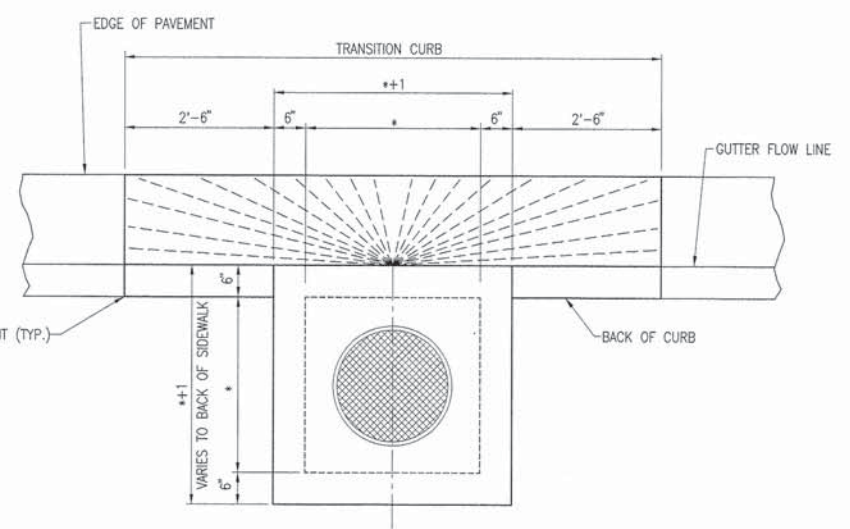
NOTE: ALL MATERIAL, LABOR & EQUIPMENT NECESSARY TO COMPLETE THE IMPROVEMENTS AS SHOWN SHALL BE INCLUDED IN THE COST OF THE INLETS.



**STONE DUMPED RIPRAP DITCH LINING**  
 N.T.S.



**END VIEW**



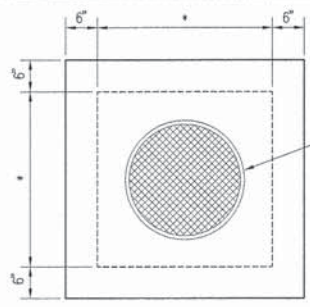
**INLETS, SPECIAL NO. 1, 2, 3 & 4**  
 N.T.S.

**PLAN**

K:\A210 - Calumet & Airport Road Improvements\DETAILS\ENTRANCE DETAILS.dwg 3/15/2011 3:04 PM awh/af

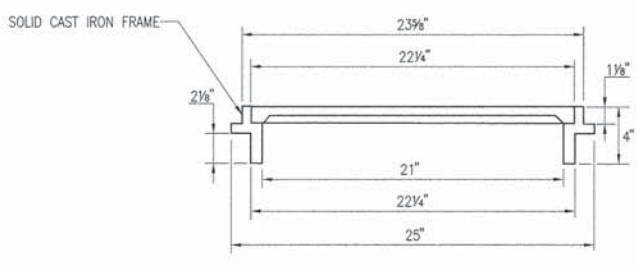


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	105
FEDERAL AID PROJECT		CONTRACT 97522		



FRAME AND CLOSED LID (SEE DETAIL) INCLUDED IN THE COST OF THE INLET

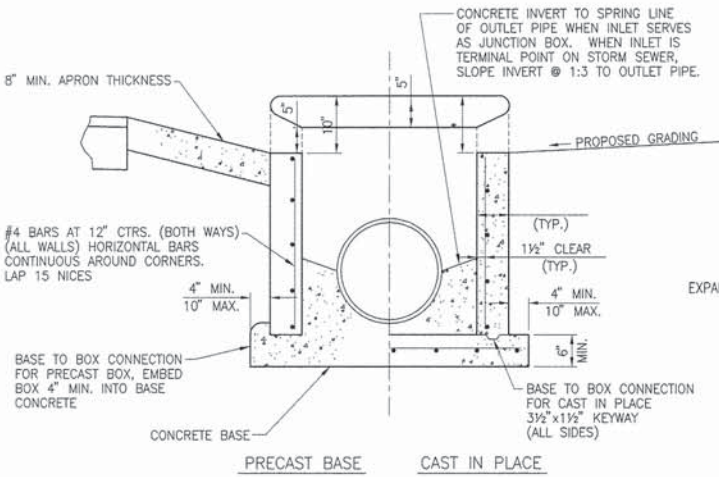
- \* NO. 1 = 3'
- NO. 2 = 4'
- NO. 3 = 5'
- NO. 4 = 6'



FRAME AND CLOSED LID

INLET TYPE	INSIDE WIDTH
INLETS, SPECIAL, NO. 1	3' X 3'
INLETS, SPECIAL, NO. 2	4' X 4'
INLETS, SPECIAL, NO. 3	5' X 5'
INLETS, SPECIAL, NO. 4	6' X 6'

NOTE: FULL WIDTH GROUT BED USED ON SIDES WITHOUT OPENINGS

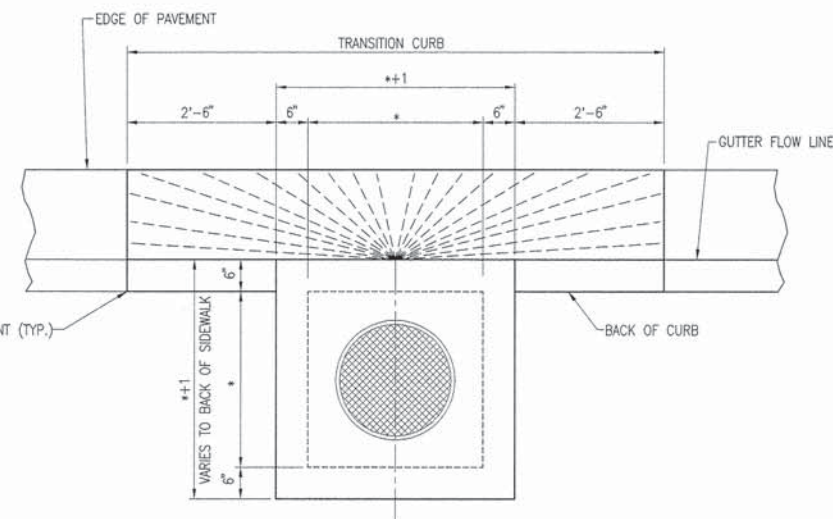


END VIEW

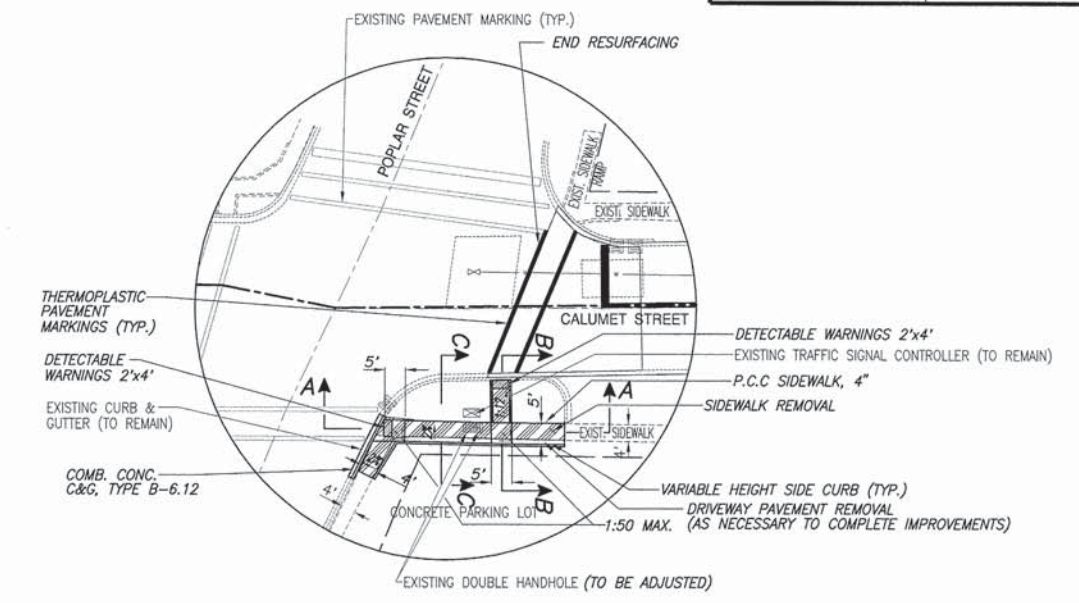
NOTE: ALL MATERIAL, LABOR & EQUIPMENT NECESSARY TO COMPLETE THE IMPROVEMENTS AS SHOWN SHALL BE INCLUDED IN THE COST OF THE INLETS.

INLETS, SPECIAL, NO. 1, 3 & 4 - ADJACENT TO CURB WITH OPENINGS BEHIND THE CURB

N.T.S.

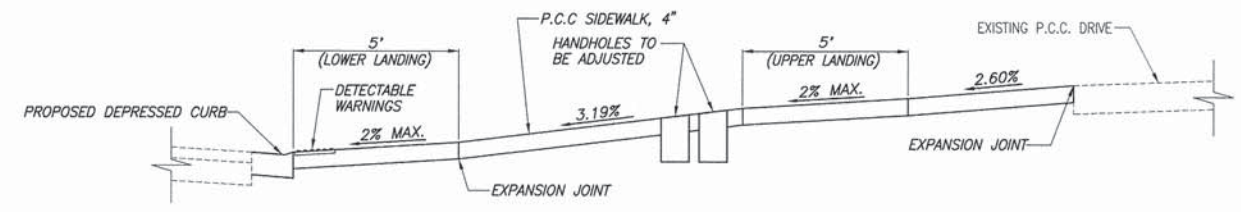


PLAN



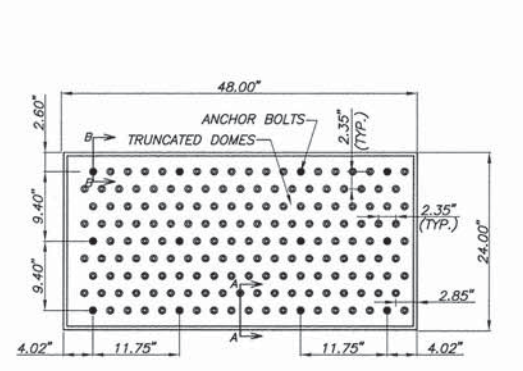
S.E. POPLAR @ CALUMET RAMP DETAIL

N.T.S.



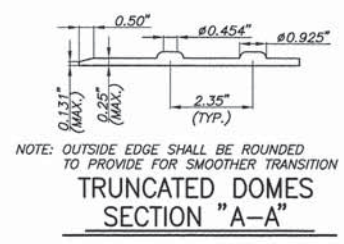
SECTION A-A

N.T.S.



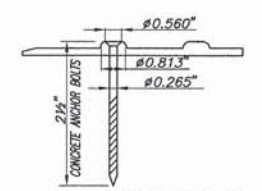
DETECTABLE WARNINGS SURFACE APPLIED DETECTABLE WARNINGS DETAIL

N.T.S.

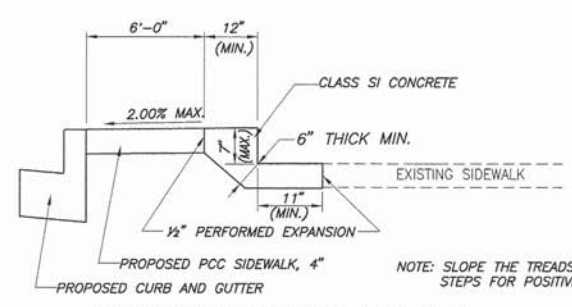


NOTE: OUTSIDE EDGE SHALL BE ROUNDED TO PROVIDE FOR SMOOTHER TRANSITION

TRUNCATED DOMES SECTION "A-A"

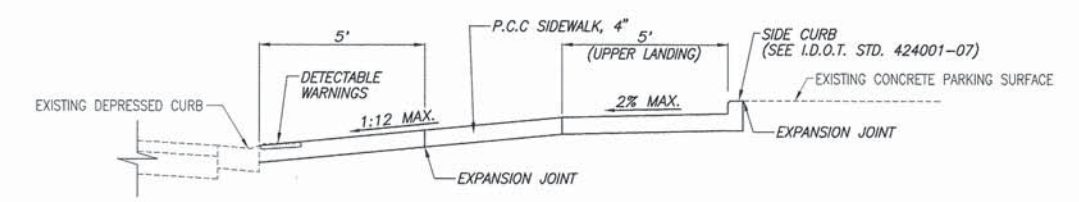


ANCHOR BOLTS SECTION "B-B"



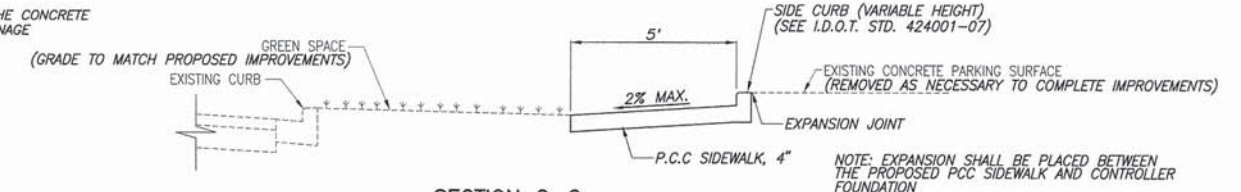
PROPOSED CONCRETE STEPS

N.T.S.



SECTION B-B

N.T.S.

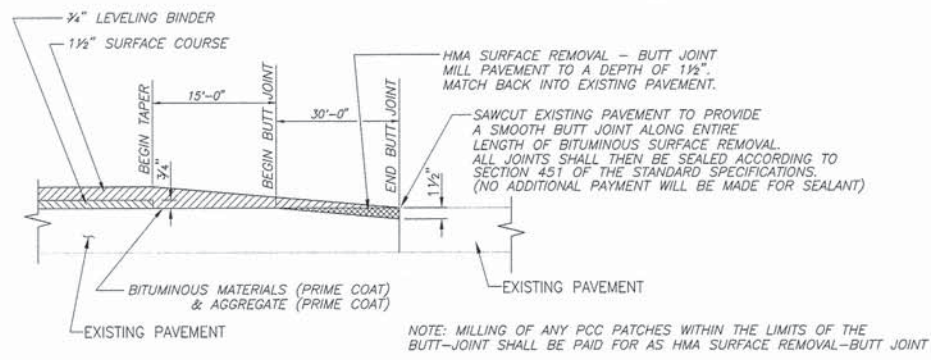


SECTION C-C

N.T.S.

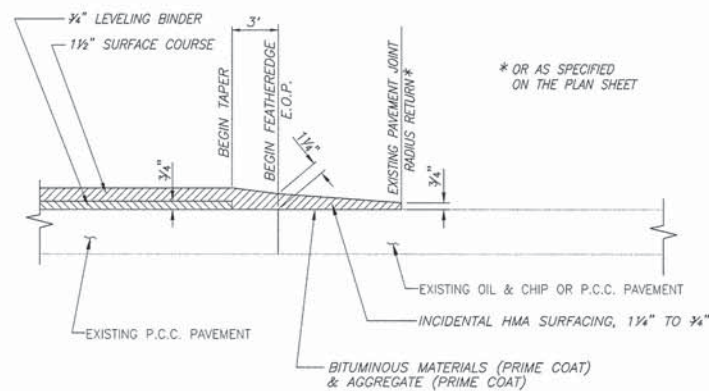


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	106
FEDERAL AID PROJECT			CONTRACT 97522	

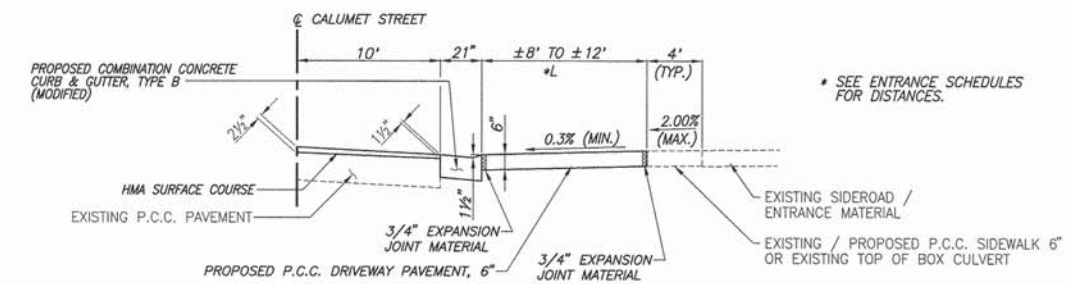


**BUTT JOINT DETAIL - MAINLINE**

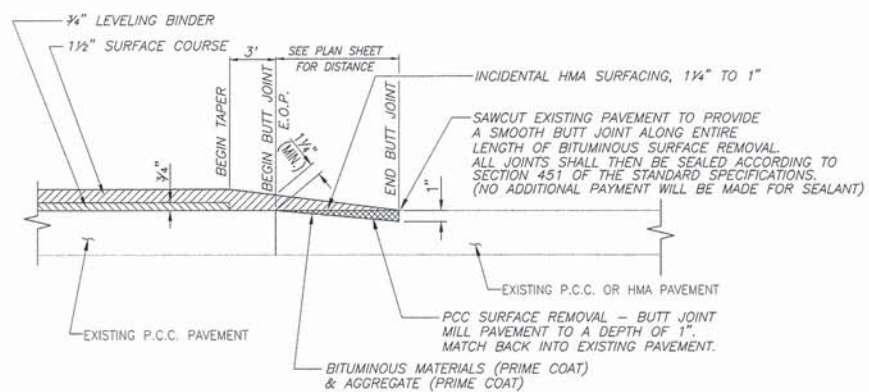
N.T.S.



**SECTION A-A**

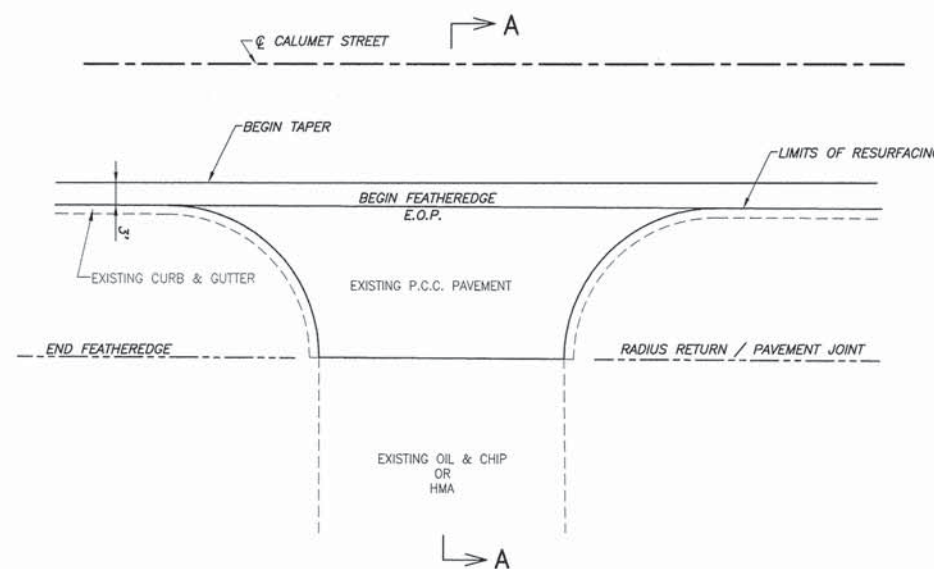


**SECTION B-B**



**BUTT JOINT DETAIL - SIDE ROADS**

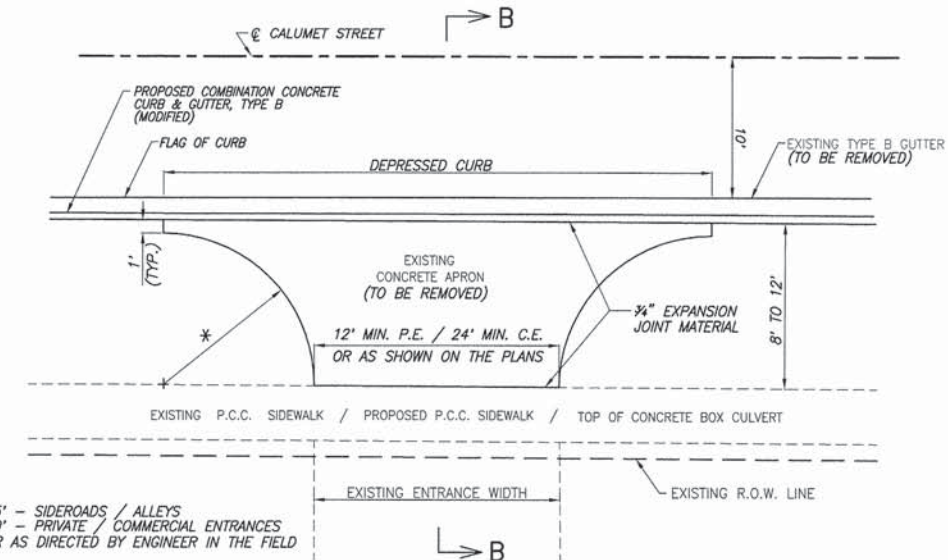
N.T.S.



**PLAN**

**FEATHEREDGE DETAIL**

N.T.S.

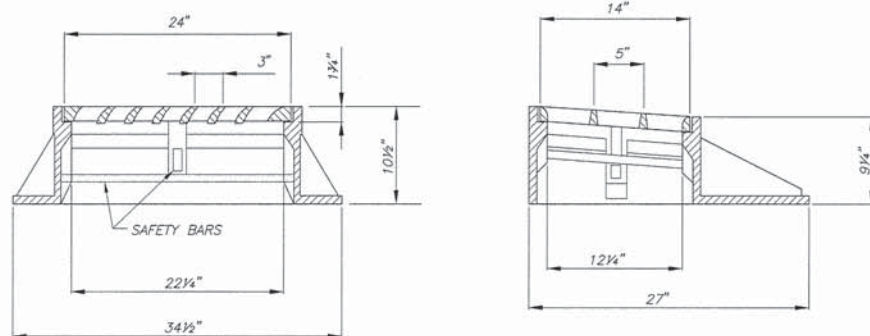


**PLAN**

**ENTRANCE, SIDEROAD AND ALLEY RECONSTRUCTION DETAIL**

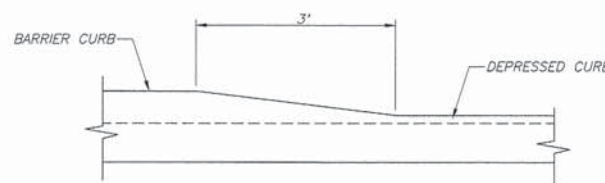
(ELM STREET TO LINCOLN BLVD.)

N.T.S.



**FRAME AND GRATE (SPECIAL) DETAIL**

N.T.S.



**DETAIL OF CURB HEIGHT TRANSITION**

N.T.S.



### DETECTOR LOOP REQUIREMENTS & CALCULATIONS

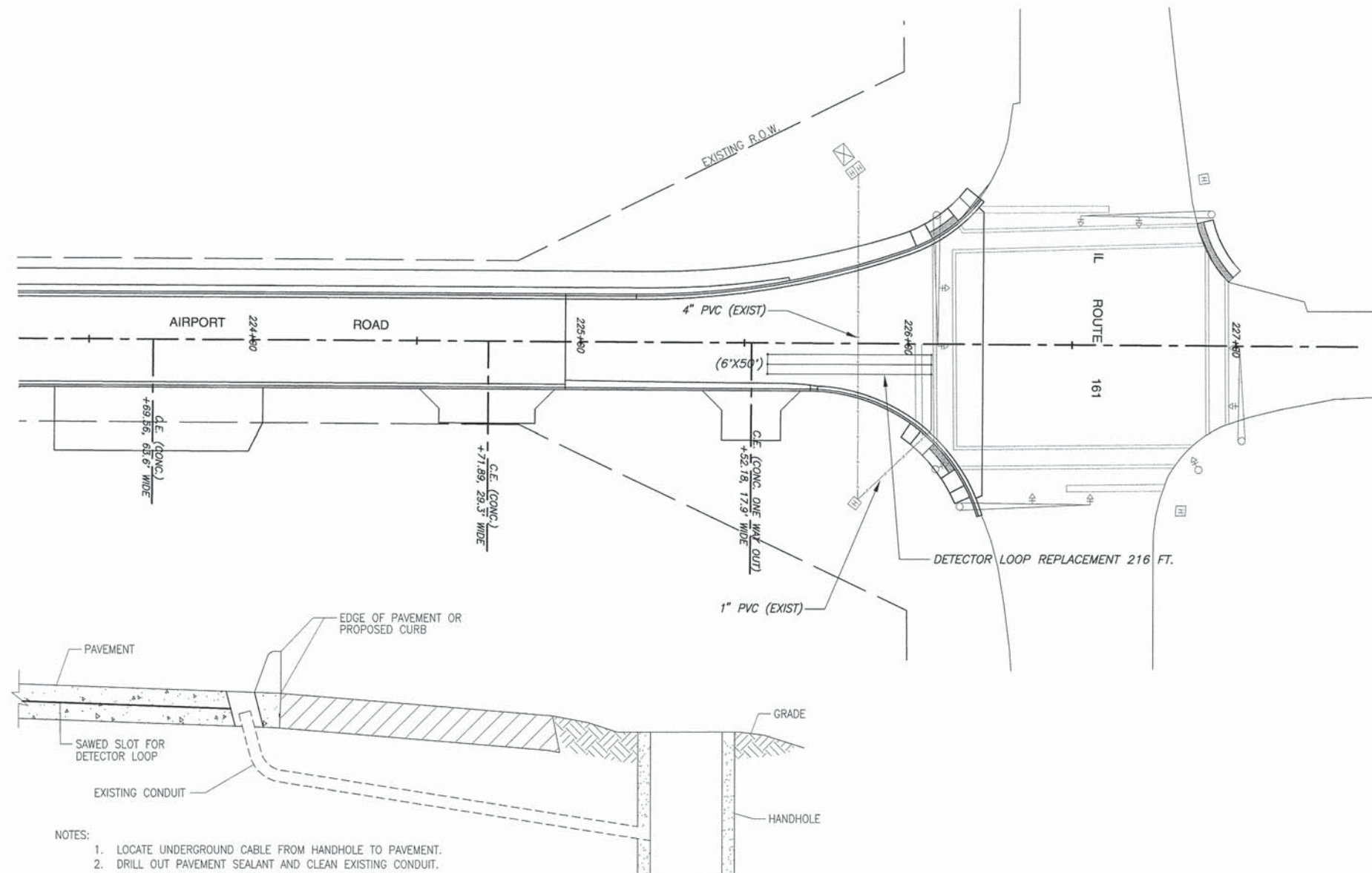
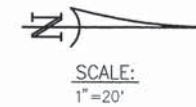
LOOP	LOOP SIZE (FT)	REQUIRED NO. OF TURNS	CALCULATED INDUCTANCE microhenries	CALCULATED RESISTANCE ohms
NB CD	6' X 50'	3-6-3	824.0	2.5

THE ABOVE VALUES ARE CALCULATION OF COMBINED LOOP & LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN ± 20% OF THE VALUES.

### ELECTRICAL QUANTITIES

CODE	DESCRIPTION	UNIT	QUANTITY
88800000	DETECTOR LOOP REPLACEMENT	FOOT	216

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	107
FEDERAL AID PROJECT		CONTRACT 97522		



**NOTES:**

1. LOCATE UNDERGROUND CABLE FROM HANDHOLE TO PAVEMENT.
2. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
3. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE.
4. INSTALL LOOP LEAD-IN CONDUCTORS IN EXISTING CONDUIT.
5. SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
6. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT".

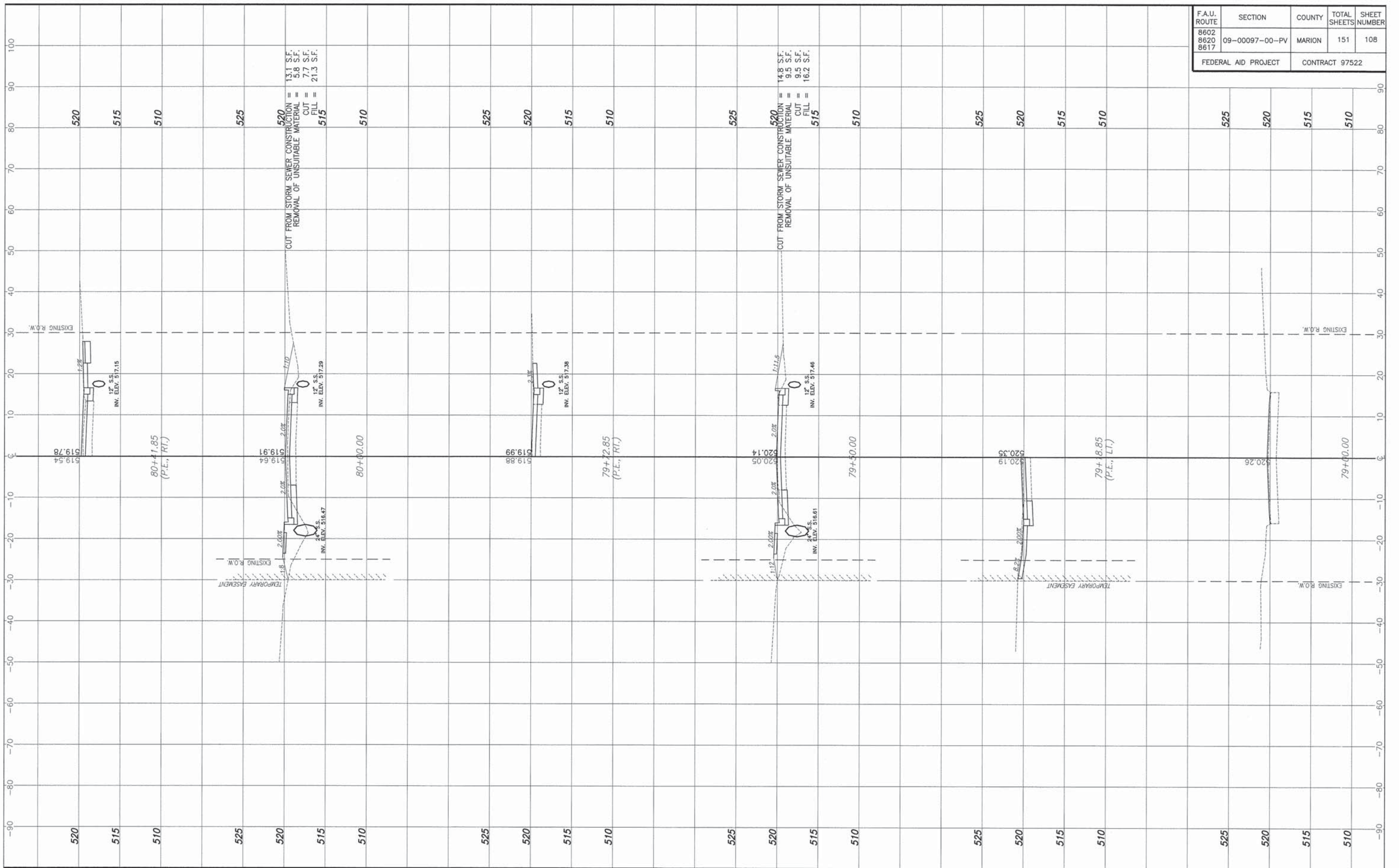
### RE-USE EXISTING DETECTOR LOOP LEAD-IN CABLE IN CONDUIT

### ELECTRICAL GENERAL NOTES

THE EXISTING DETECTOR LOOP CONDUIT FROM PAVEMENT TO THE HANDHOLE WILL BE RE-USED FOR THE REPLACED DETECTOR LOOP. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE EXISTING CONDUIT DURING THE CONSTRUCTION OPERATION. SHOULD ANY DAMAGE OCCUR DUE TO THE CONTRACTOR'S OPERATIONS, REPAIRS WILL BE MADE TO THE SATISFACTION OF THE ENGINEER AND WILL BE DONE AT THE CONTRACTOR'S EXPENSE.



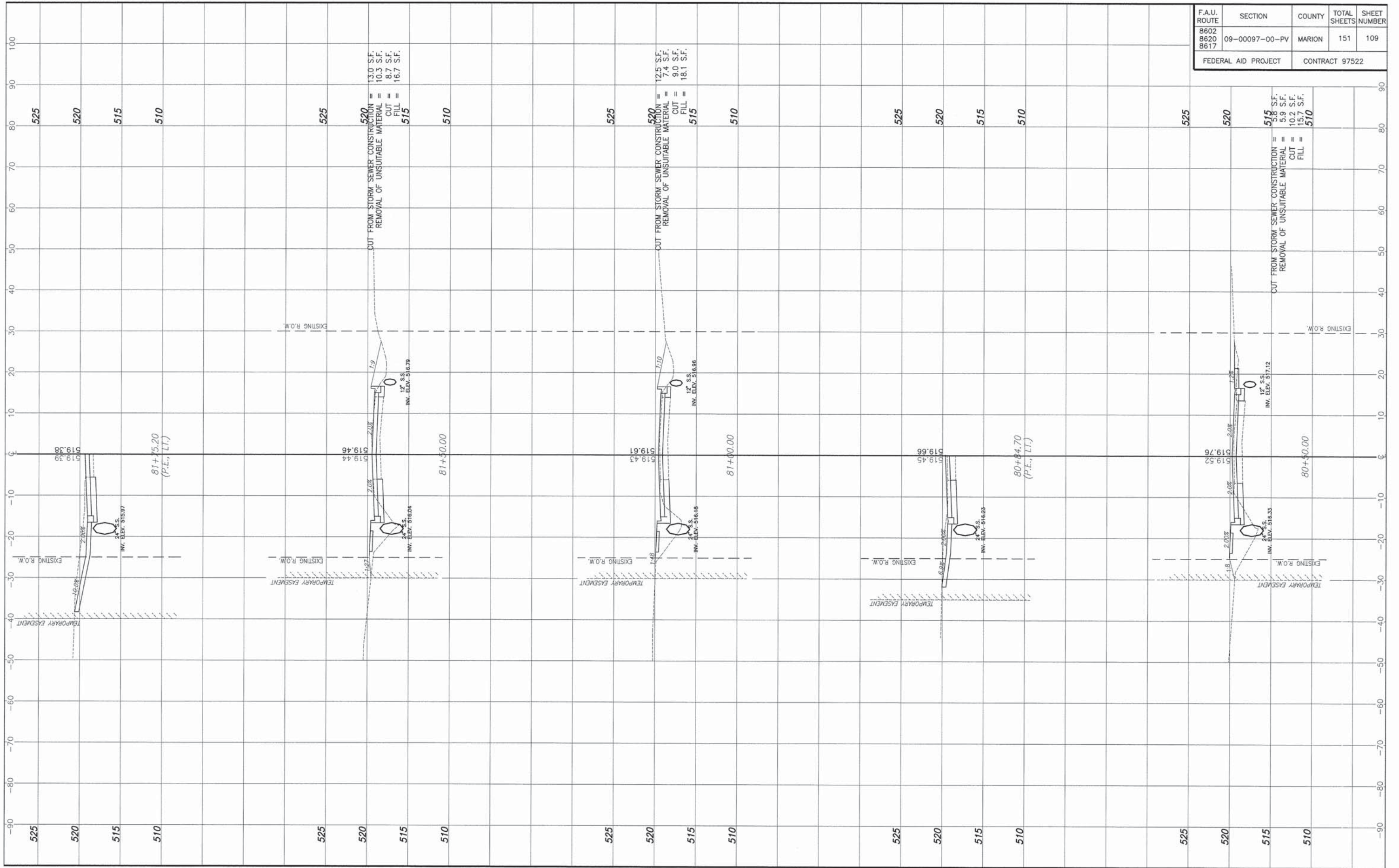
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	108
FEDERAL AID PROJECT		CONTRACT 97522		



STA. 79+00.00 - STA. 80+41.85 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

4/18/10 - Corralia - Calver & Airport Rd/Avy - D:\projects\09-00097-00-PV\09-00097-00-PV\108.dwg, 5/12/2010 10:16:30 AM, P:\m\m\108.dwg





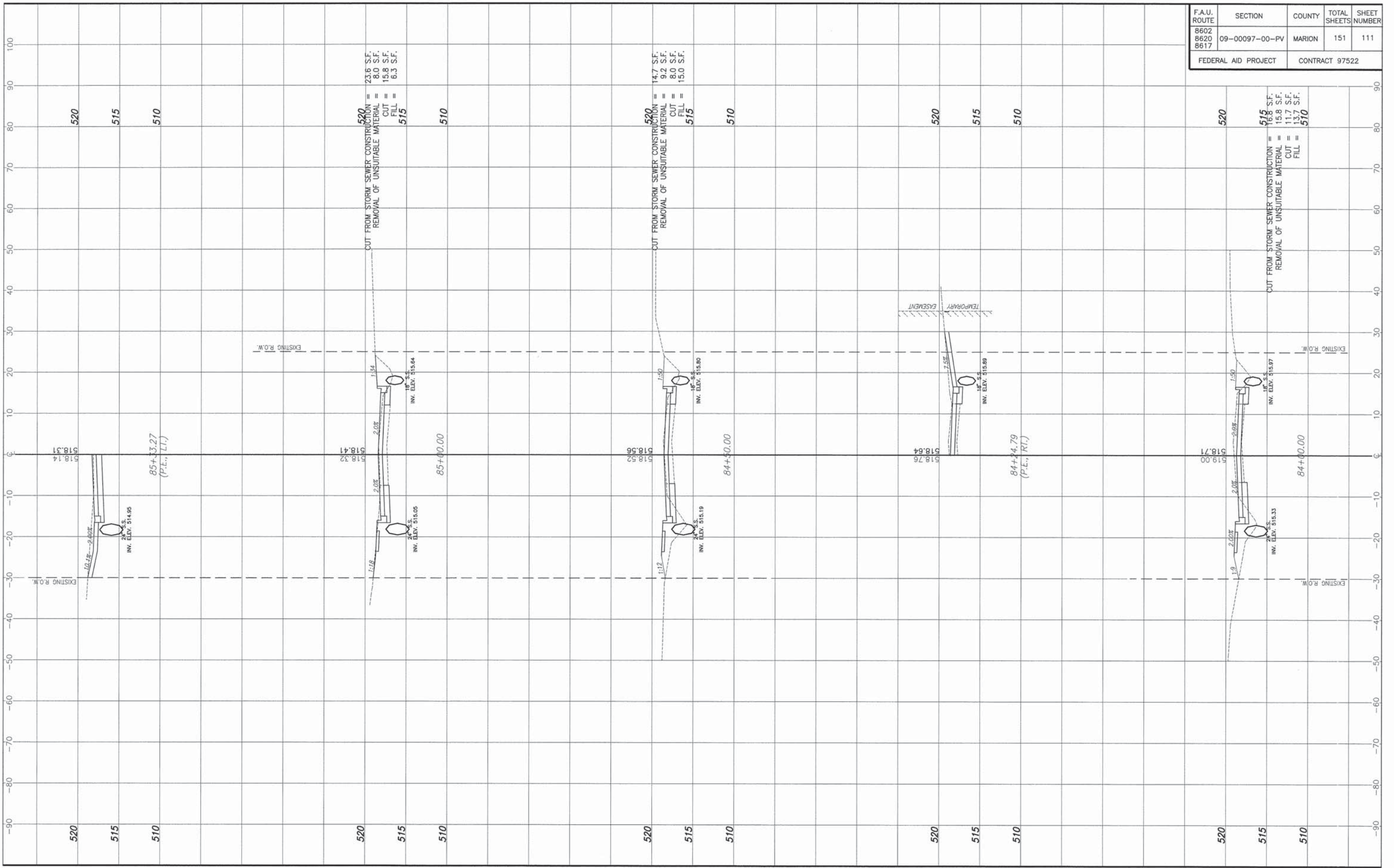
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	109
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 80+50.00 - STA. 81+75.20 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS





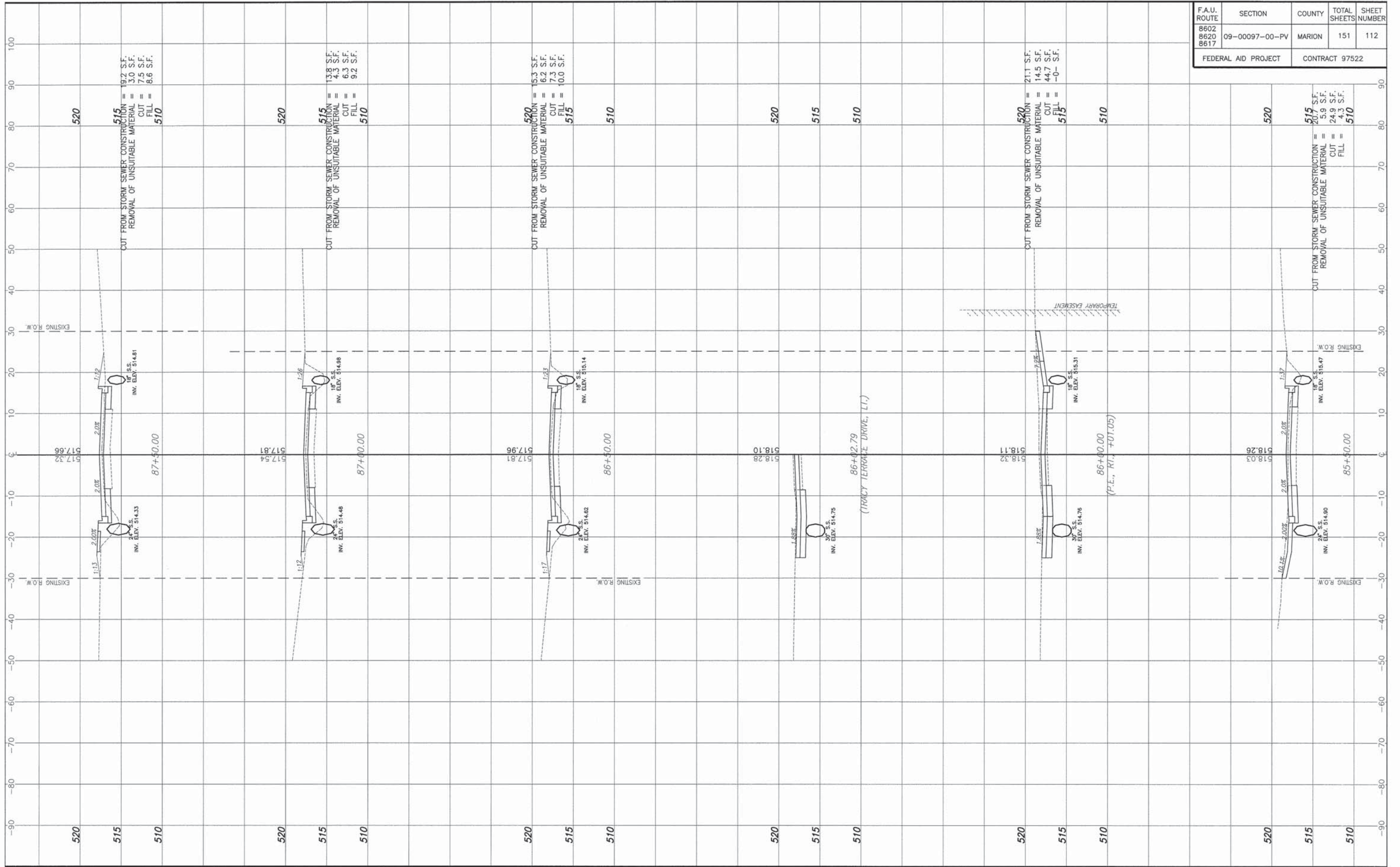




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	111
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 84+00.00 - STA. 85+33.27 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

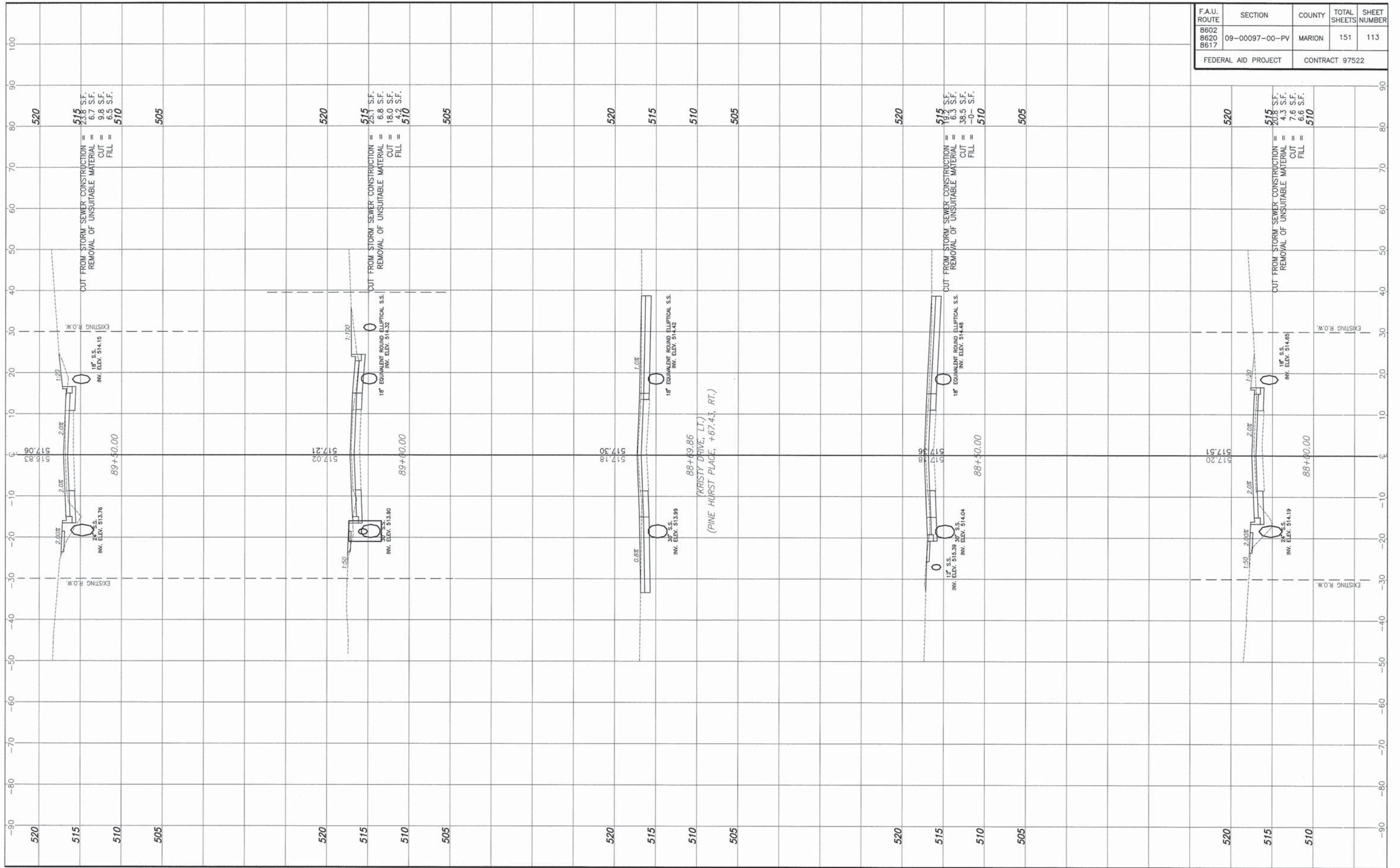




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	112
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 85+50.00 - STA. 87+50.00 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

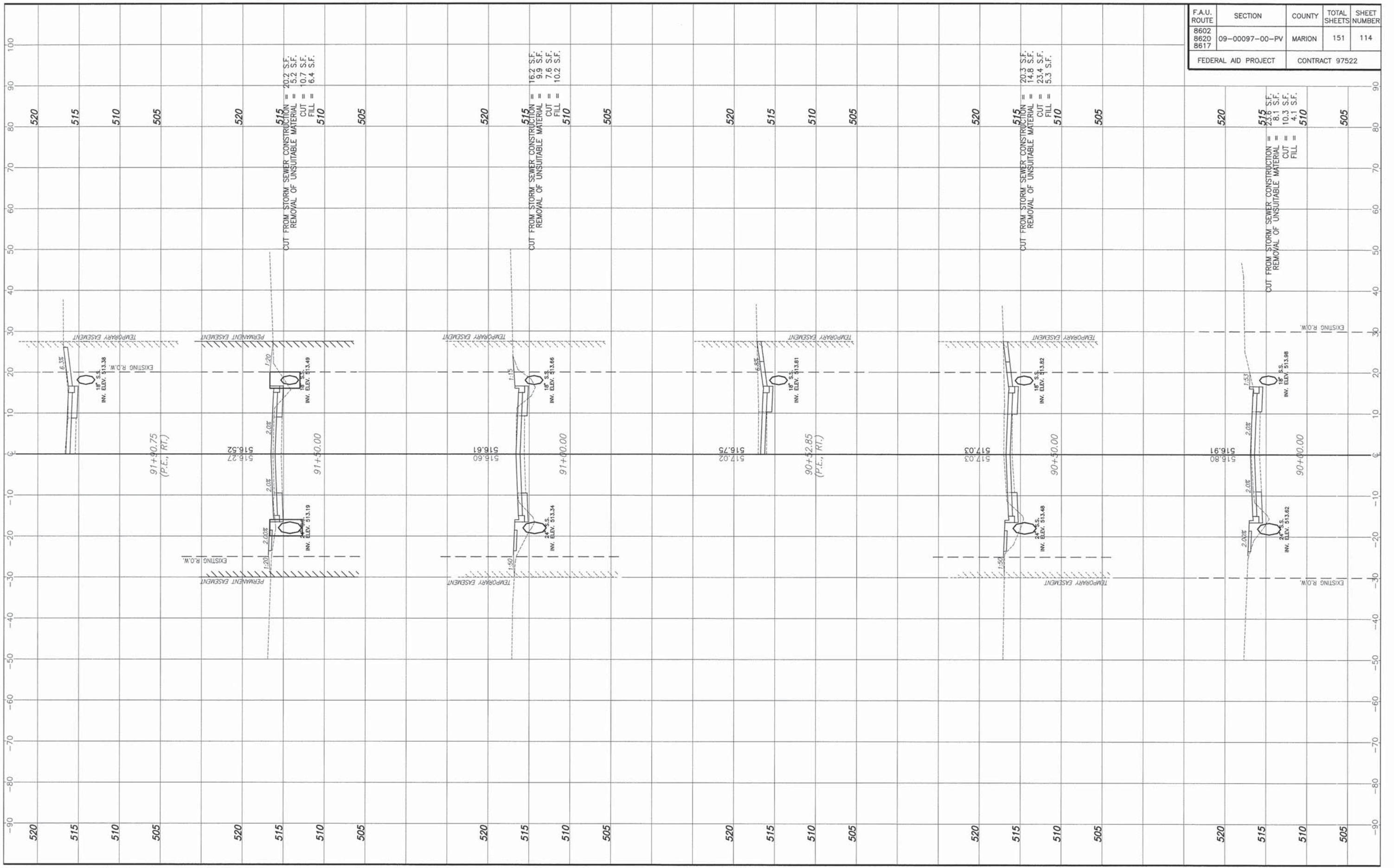




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	113
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 88+00.00 - STA. 89+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	114
FEDERAL AID PROJECT		CONTRACT 97522		



CUT FROM STORM SEWER CONSTRUCTION = 20.2 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 5.2 S.F.  
 CUT = 10.7 S.F.  
 FILL = 6.4 S.F.

CUT FROM STORM SEWER CONSTRUCTION = 16.2 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 9.9 S.F.  
 CUT = 7.6 S.F.  
 FILL = 10.2 S.F.

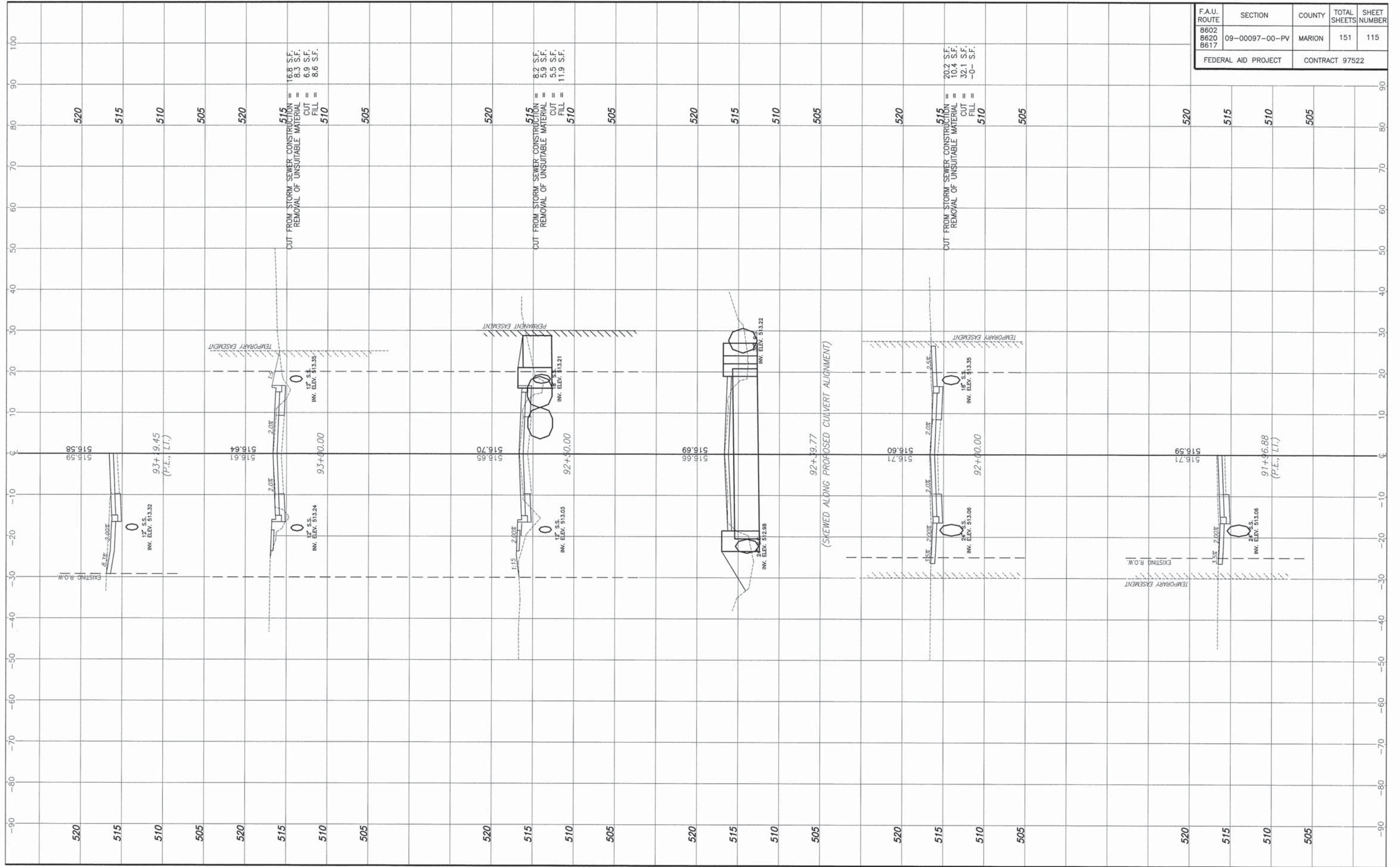
CUT FROM STORM SEWER CONSTRUCTION = 20.3 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 14.8 S.F.  
 CUT = 23.4 S.F.  
 FILL = 5.3 S.F.

CUT FROM STORM SEWER CONSTRUCTION = 23.6 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 8.1 S.F.  
 CUT = 10.3 S.F.  
 FILL = 4.1 S.F.

STA. 90+00.00 - STA. 91+90.75 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

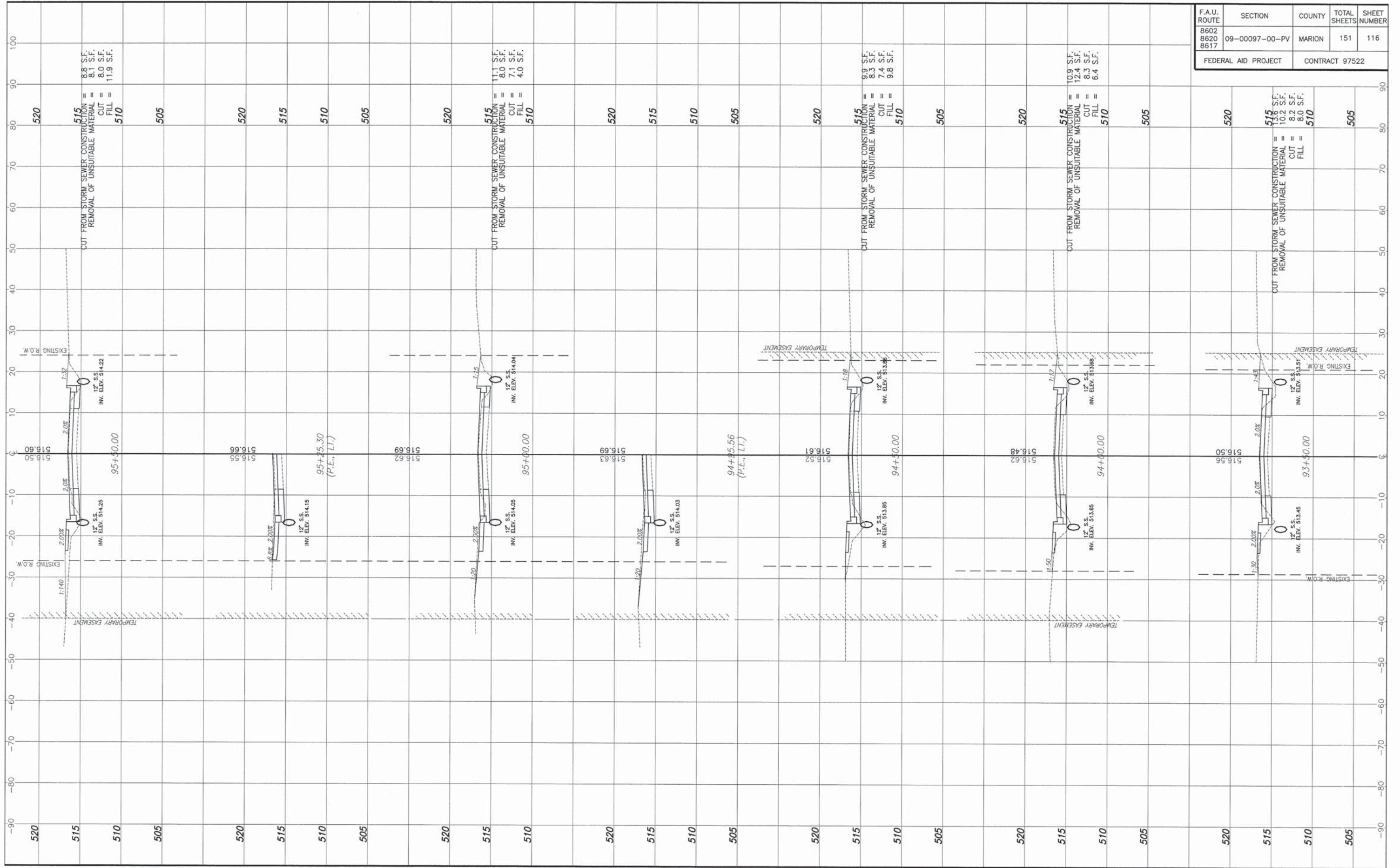
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	115
FEDERAL AID PROJECT		CONTRACT 97522		

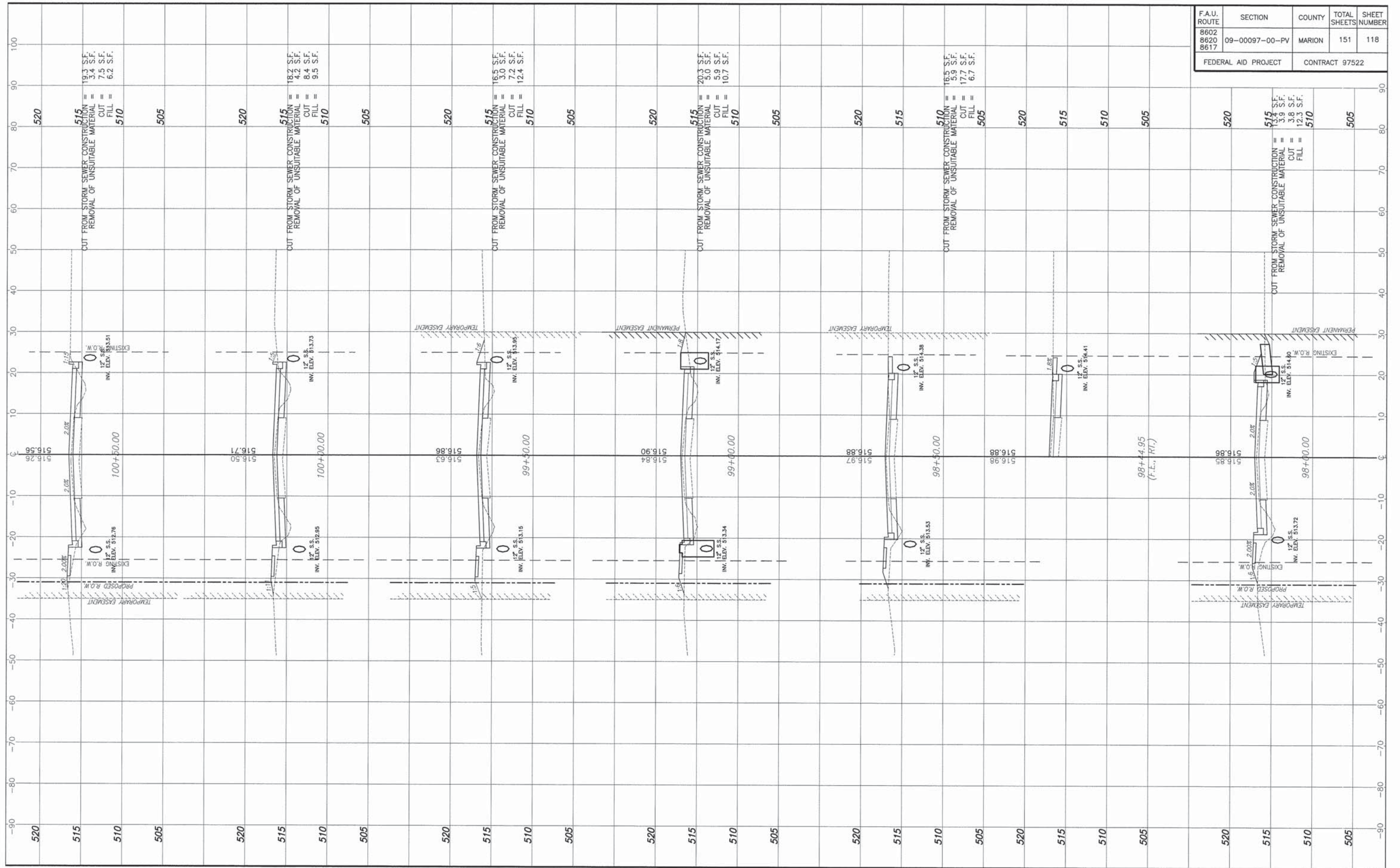
STA. 91+96.88 - STA. 93+19.45 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



STA. 93+50.00 - STA. 95+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



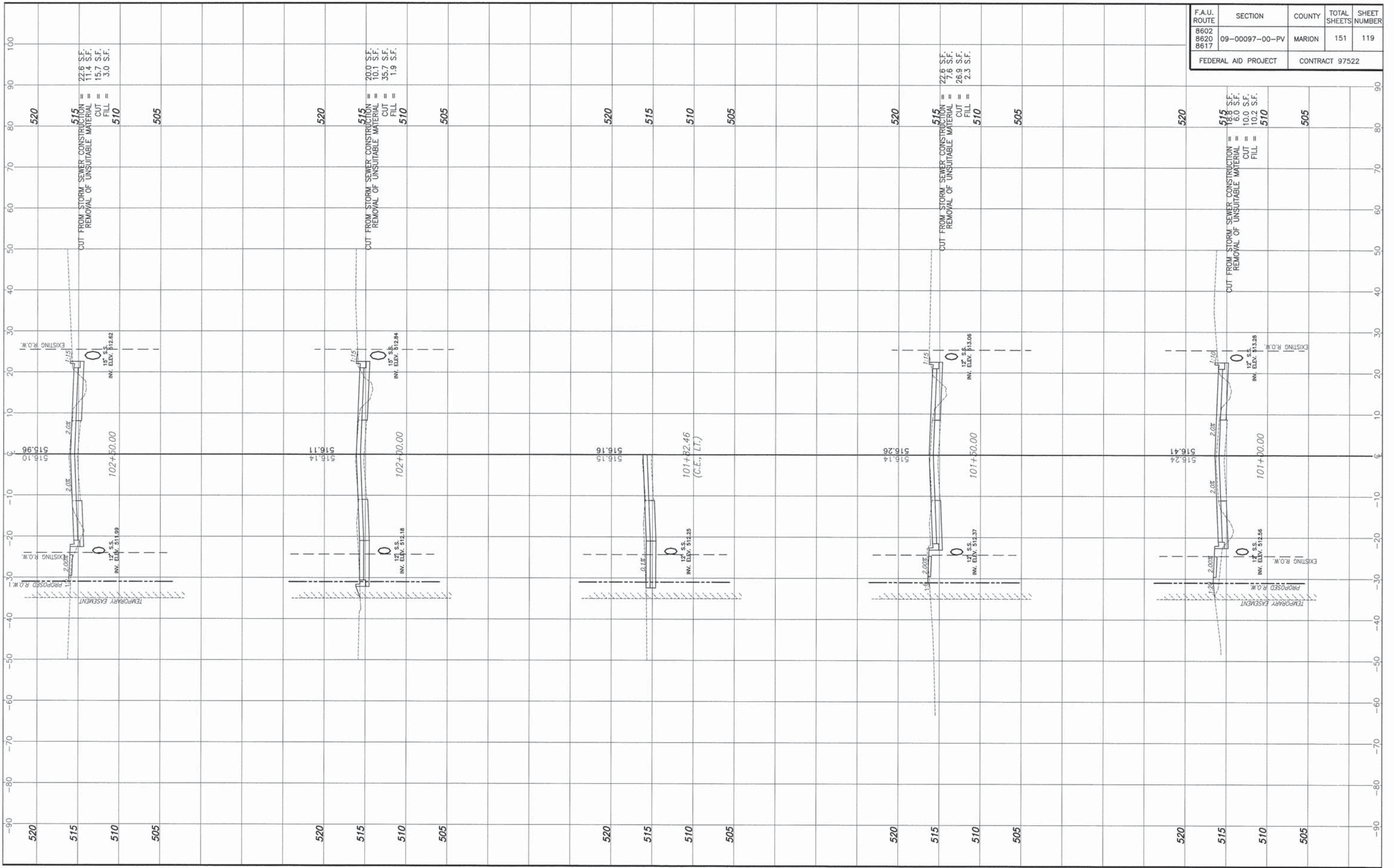




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	118
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		

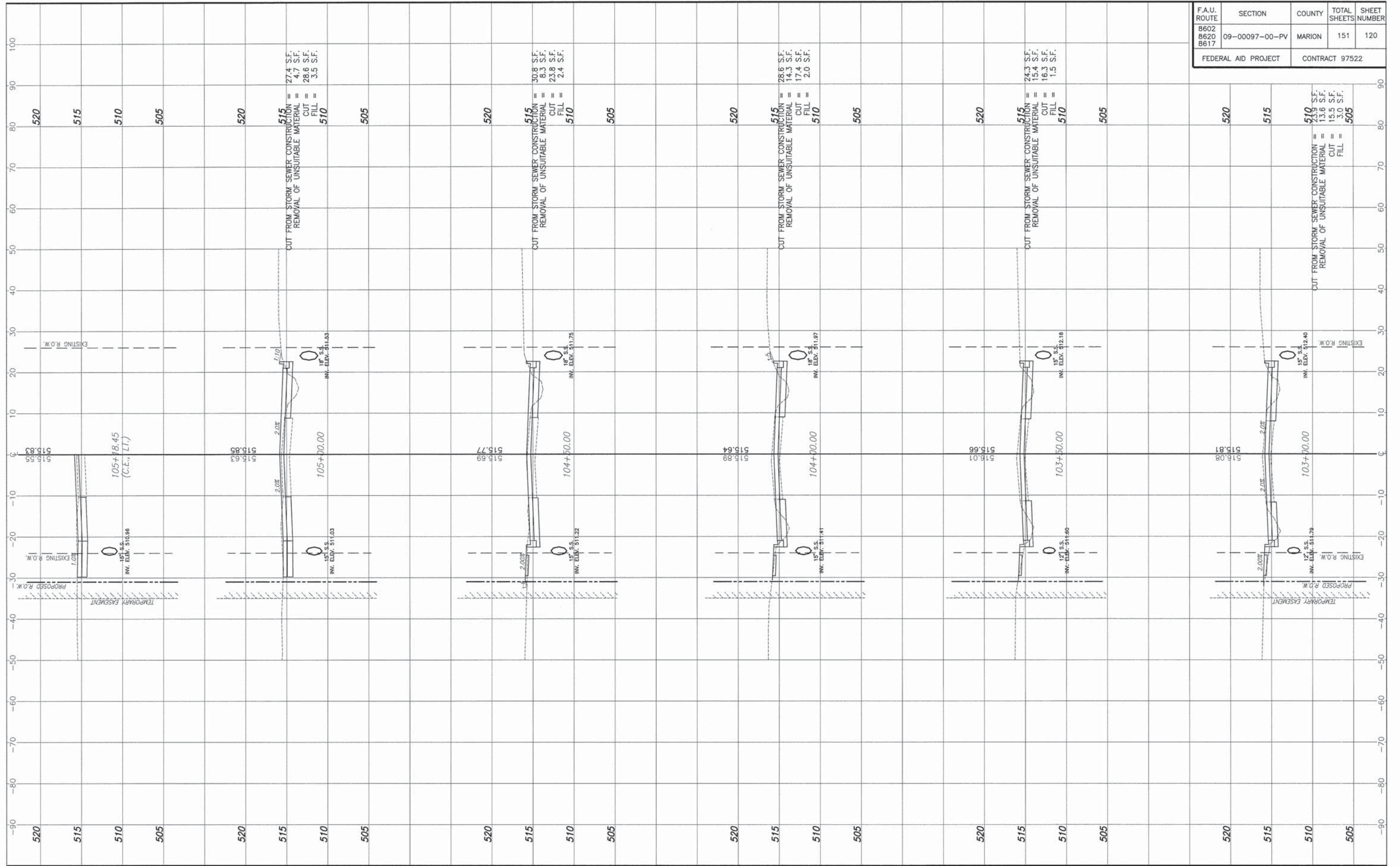
STA. 98+00.00 - STA. 100+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS





F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	119
FEDERAL AID PROJECT		CONTRACT 97522		

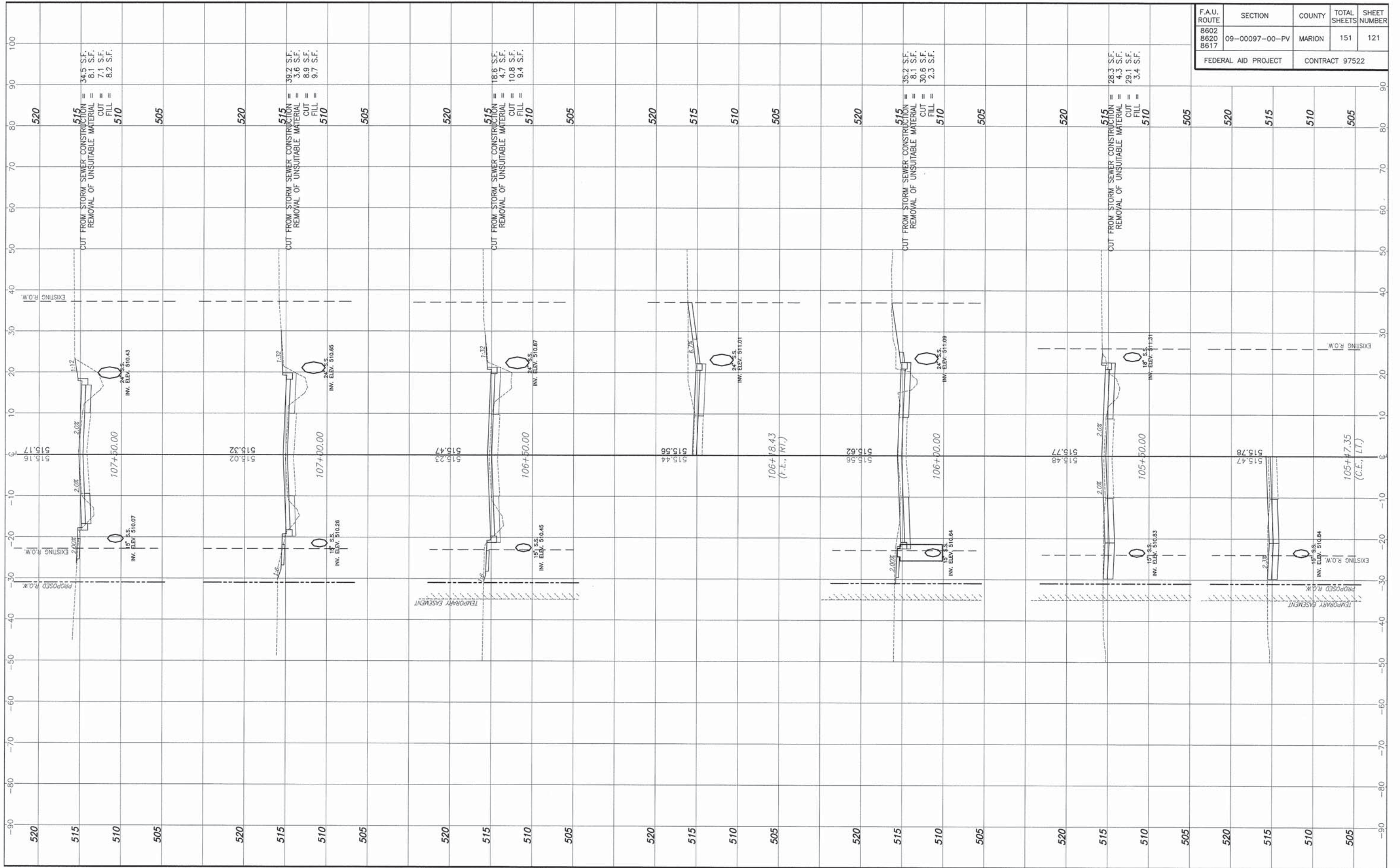
STA. 101+00.00 - STA. 102+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	120
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 103+00.00 - STA. 105+18.45 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS





F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	121
FEDERAL AID PROJECT		CONTRACT 97522		

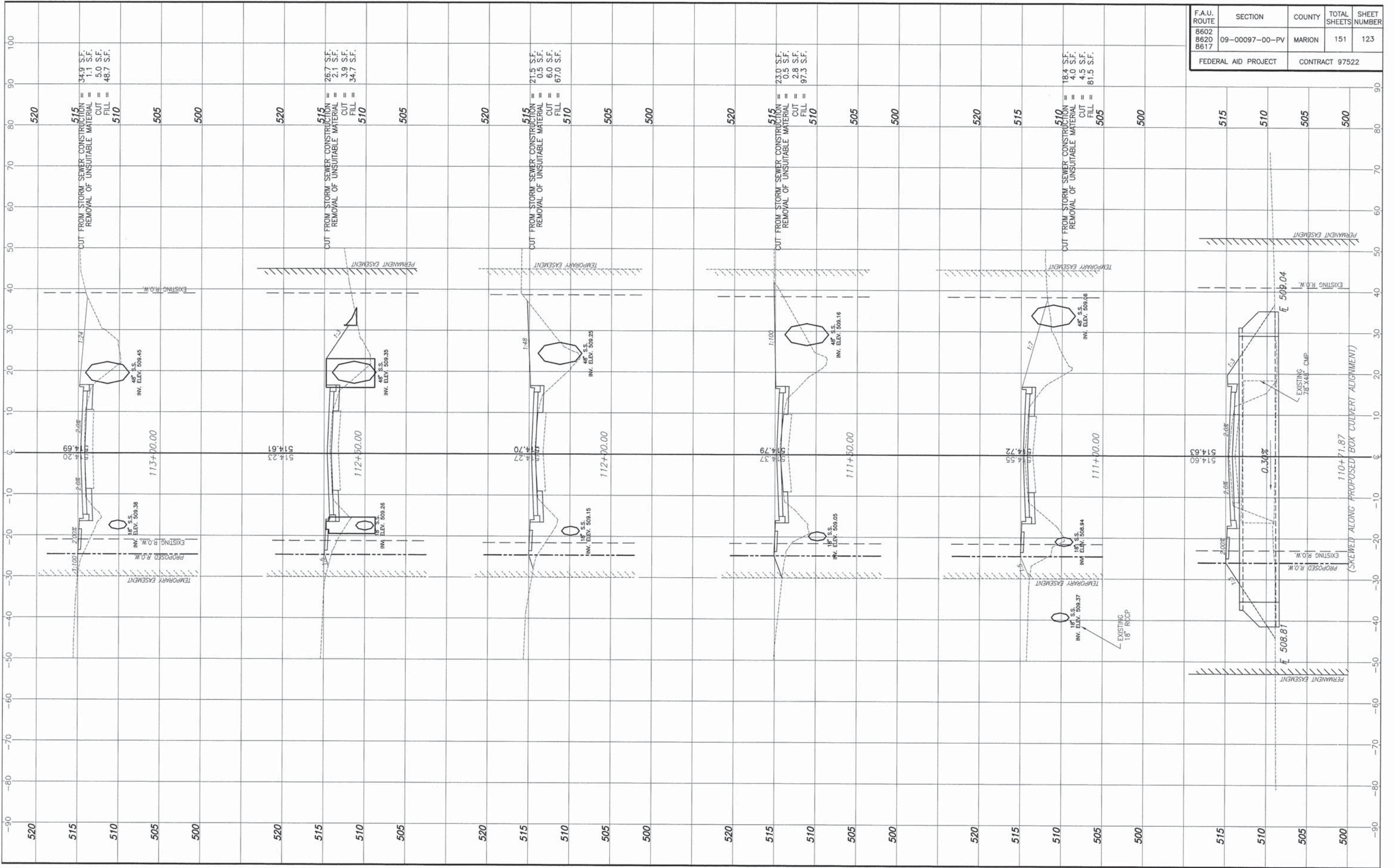
STA. 105+47.35 - STA. 107+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS







F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	123
FEDERAL AID PROJECT		CONTRACT 97522		

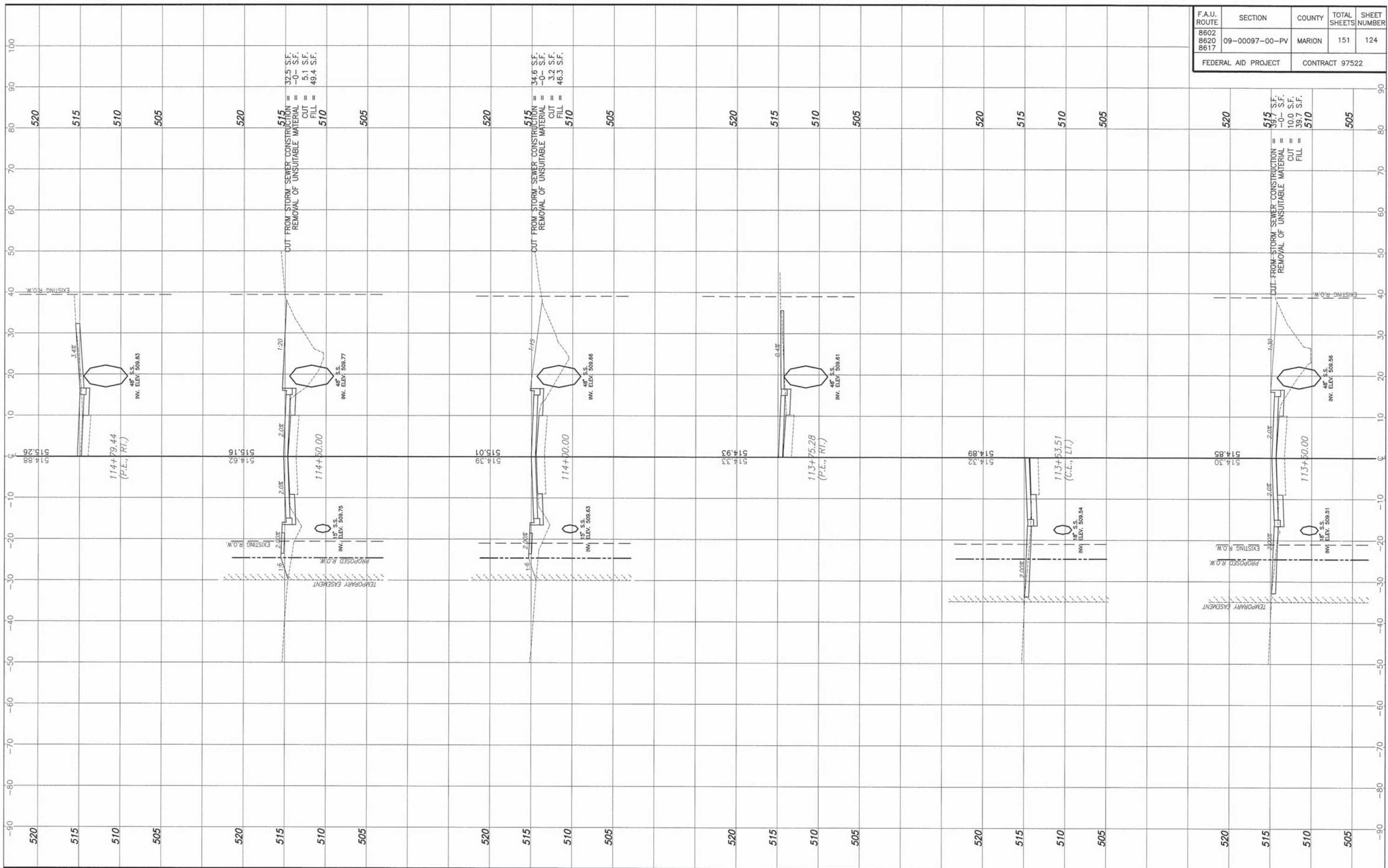


STA. 110+71.87 - STA. 113+00.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

K:\11818 - Corvina - Calumet St & Airport Rd\Proj\_Shortcuts\CrossSections\11818\_CrossSections.dwg, 9/13/2011 10:32:28 AM, Printed by GH



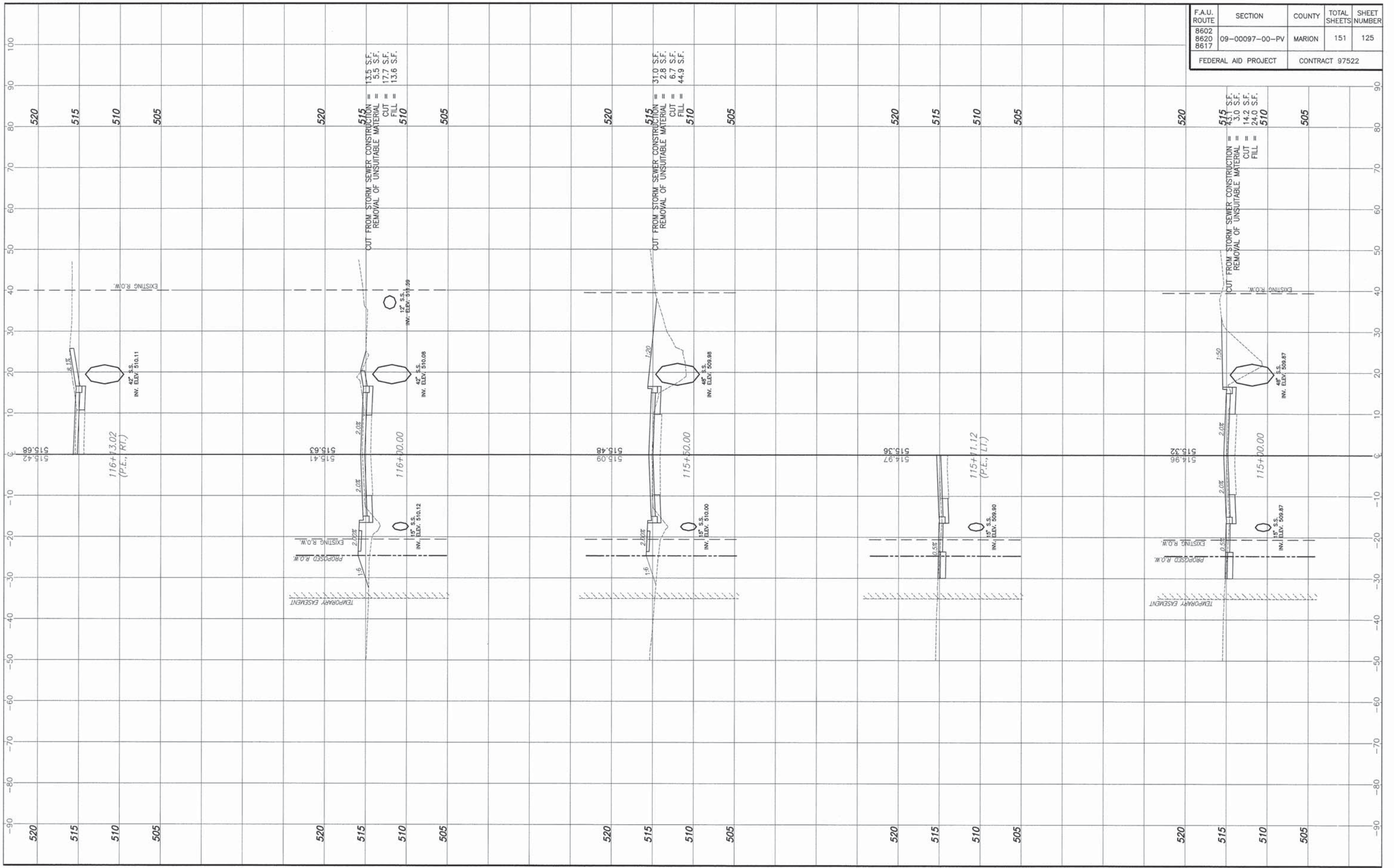
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	124
FEDERAL AID PROJECT		CONTRACT 97522		



STA. 113+50.00 - STA. 114+79.44 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

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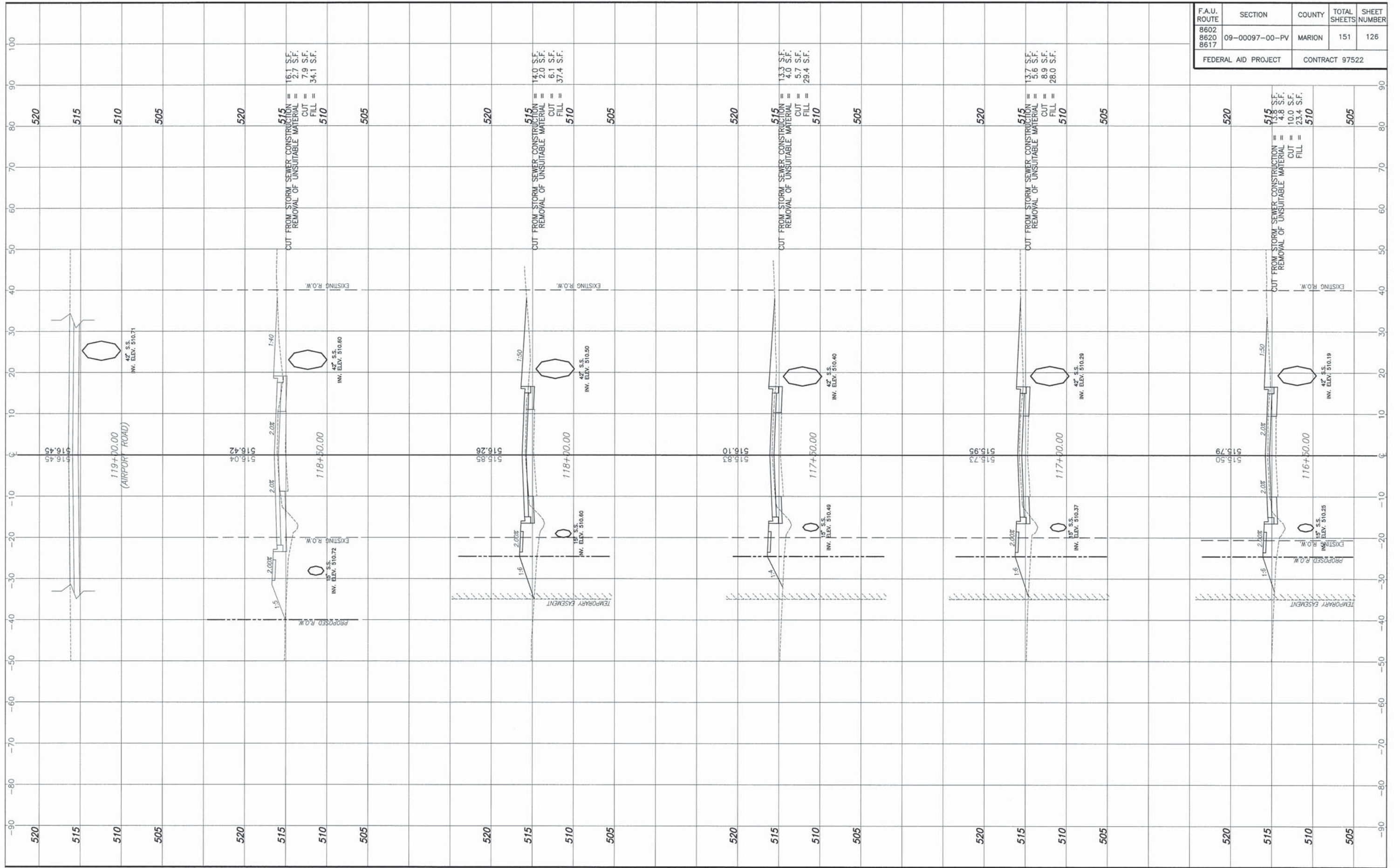
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	125
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		

CUT FROM STORM SEWER CONSTRUCTION = 13.5 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 5.5 S.F.  
 CUT = 17.7 S.F.  
 FILL = 13.6 S.F.

CUT FROM STORM SEWER CONSTRUCTION = 31.0 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 2.8 S.F.  
 CUT = 6.7 S.F.  
 FILL = 44.9 S.F.

CUT FROM STORM SEWER CONSTRUCTION = 43.1 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 3.0 S.F.  
 CUT = 14.2 S.F.  
 FILL = 24.0 S.F.

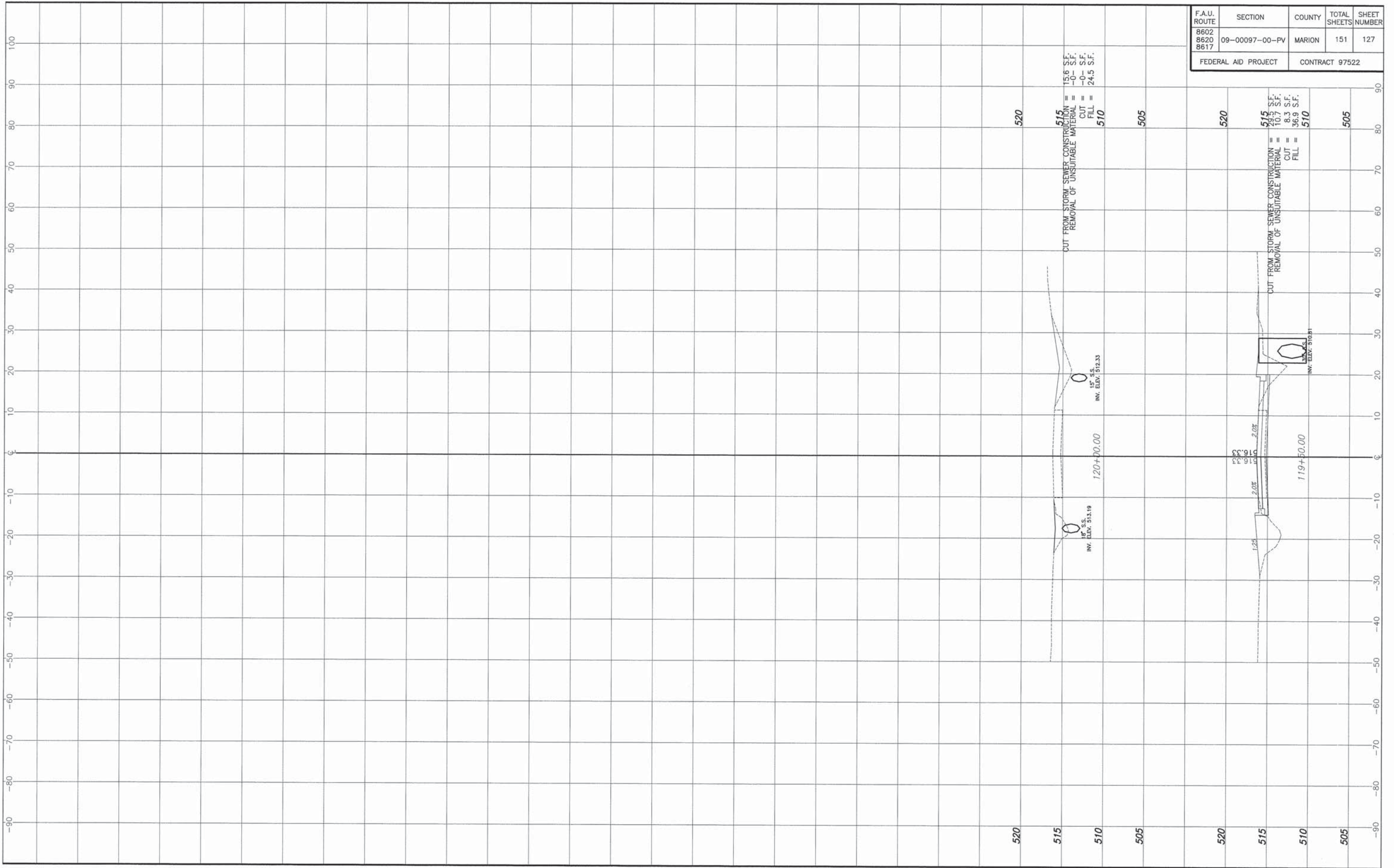
STA. 115+00.00 - STA. 116+13.02 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	126
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 116+50.00 - STA. 119+00.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



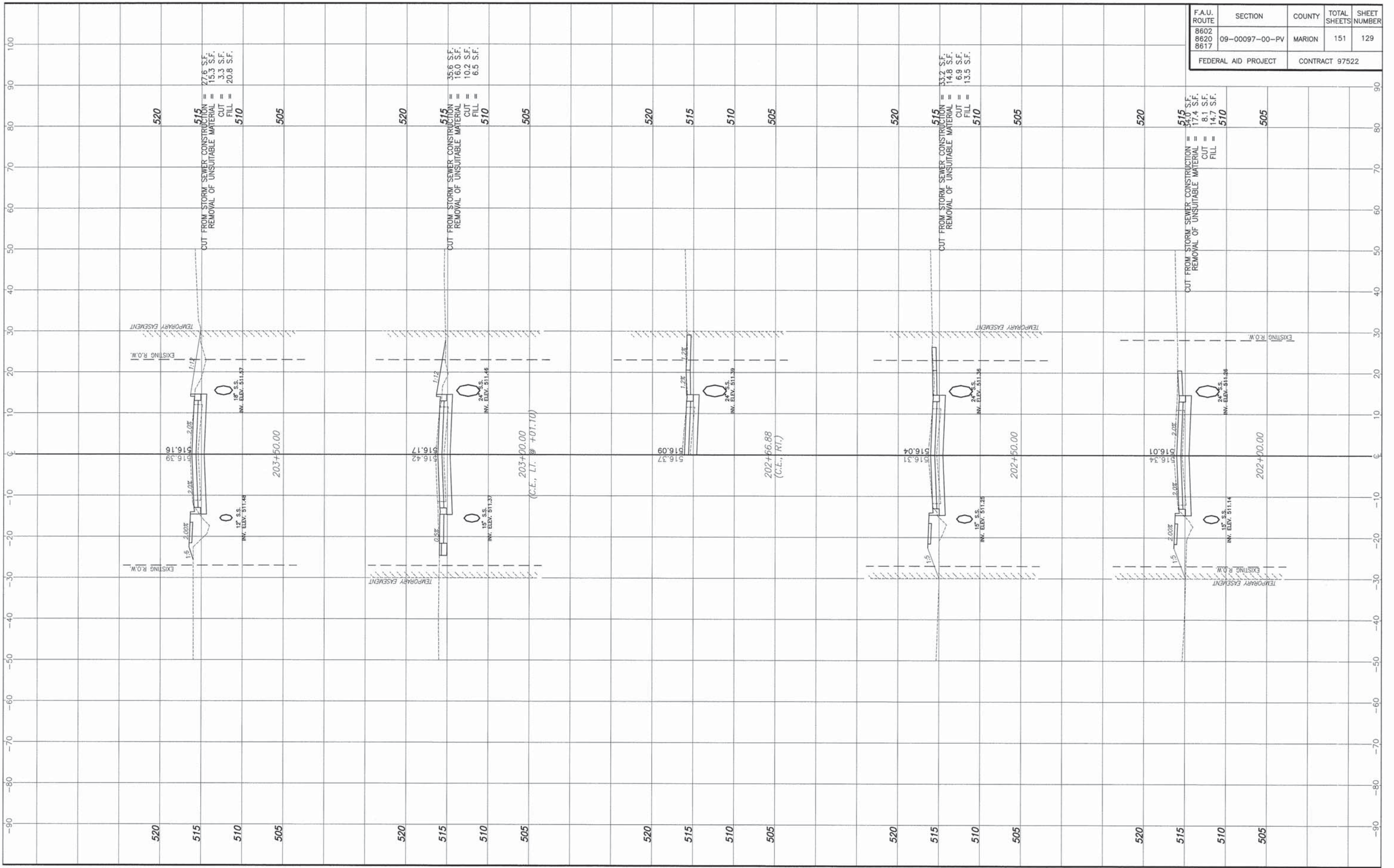


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	127
8620				
8617				
FEDERAL AID PROJECT			CONTRACT 97522	

STA. 119+50.00 - STA. 120+00.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

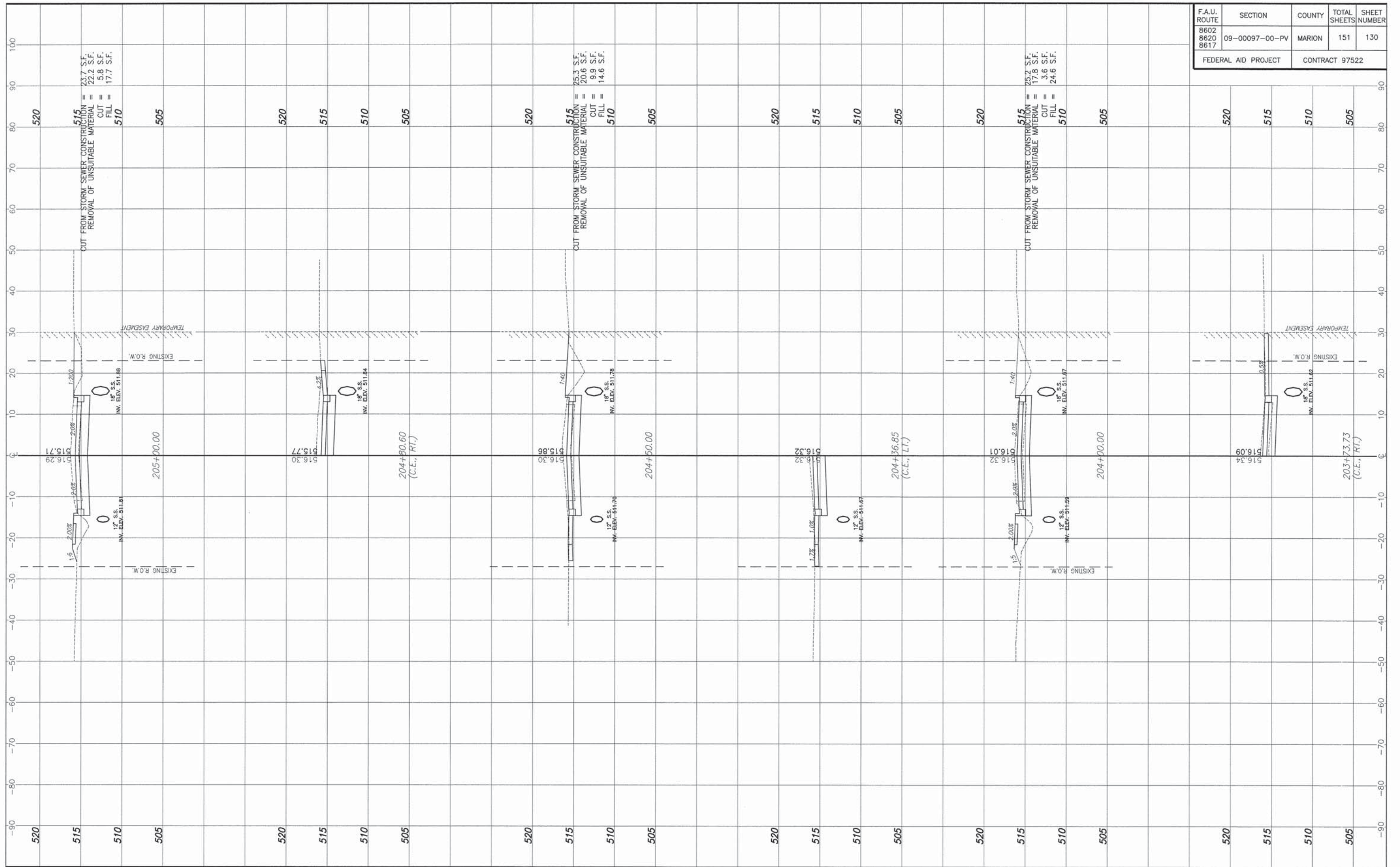






F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	129
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		

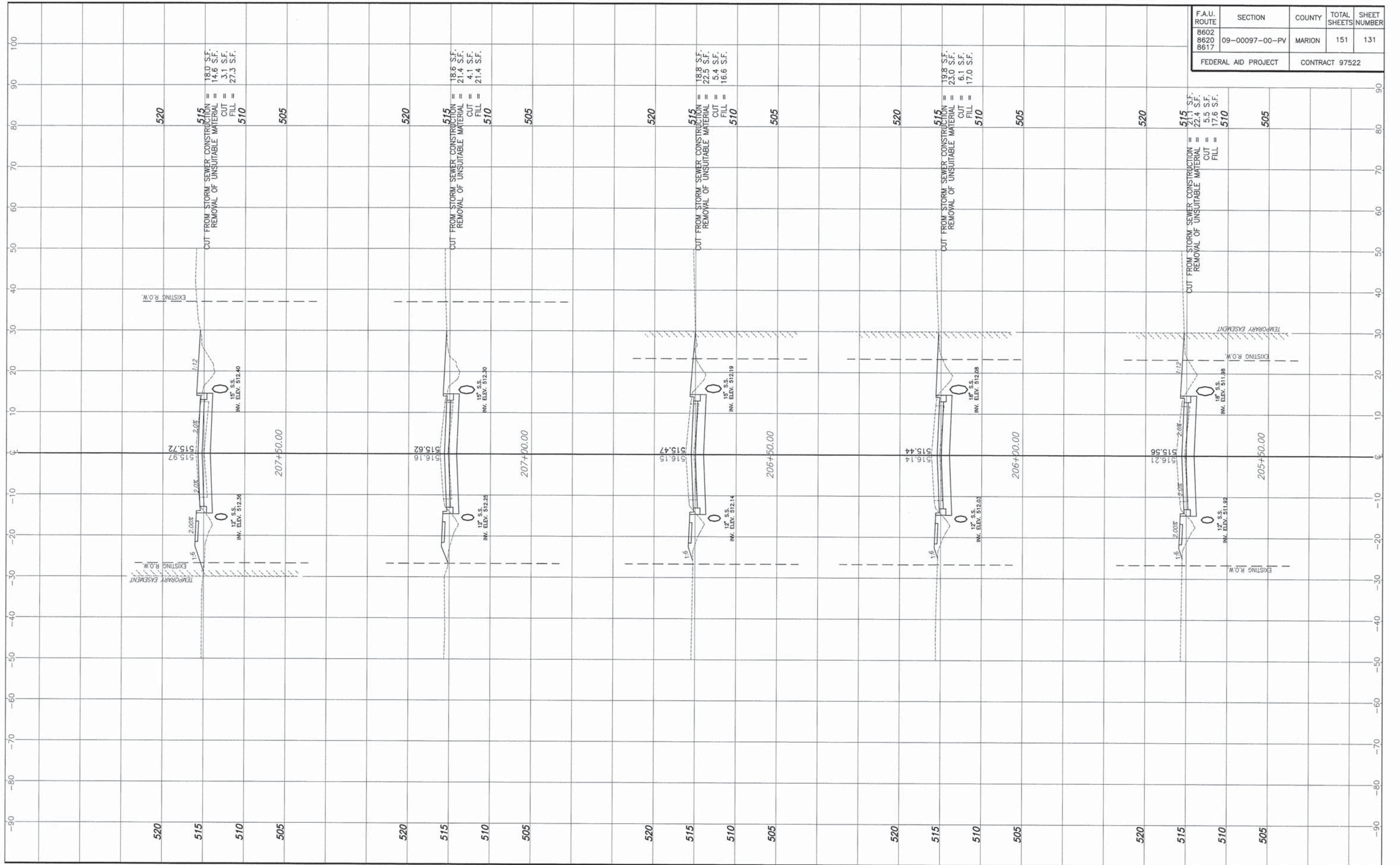
STA. 202+00.00 - STA. 203+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	130
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 203+73.73 - STA. 205+00.00 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



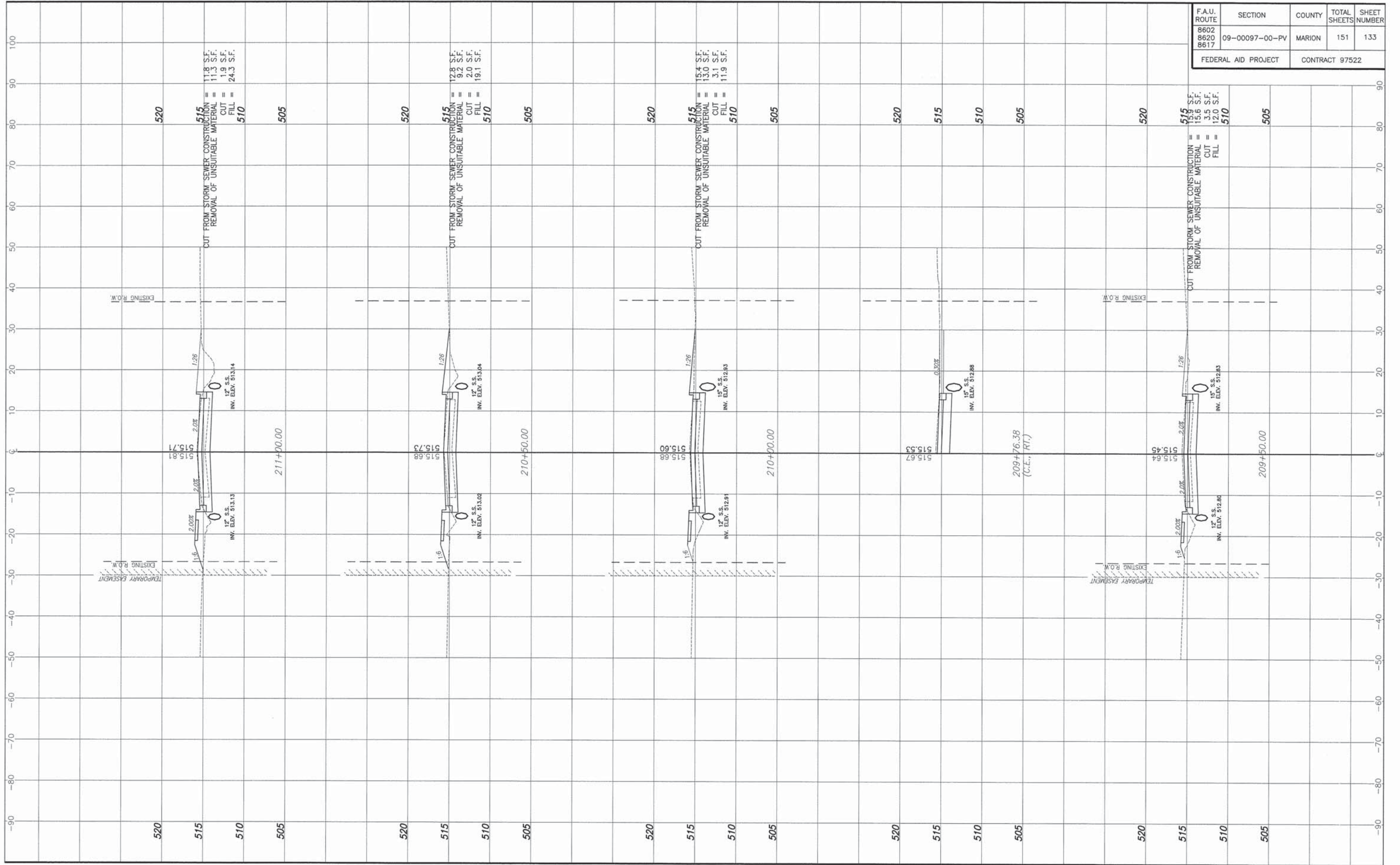


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	131
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 205+50.00 - STA. 207+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



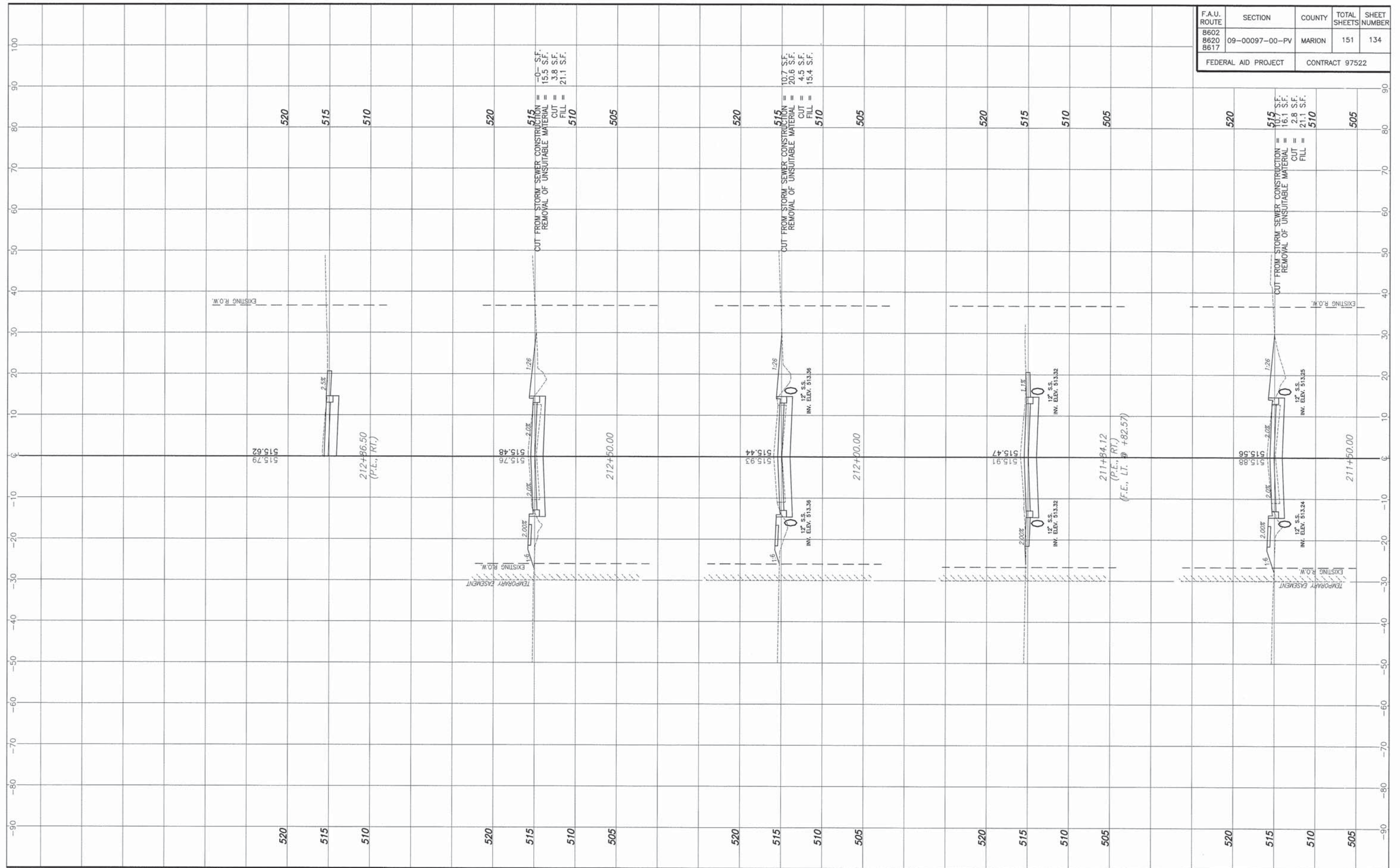




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	133
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 209+50.00 - STA. 211+00.00 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
B602 B620 B617	09-00097-00-PV	MARION	151	134
FEDERAL AID PROJECT		CONTRACT 97522		

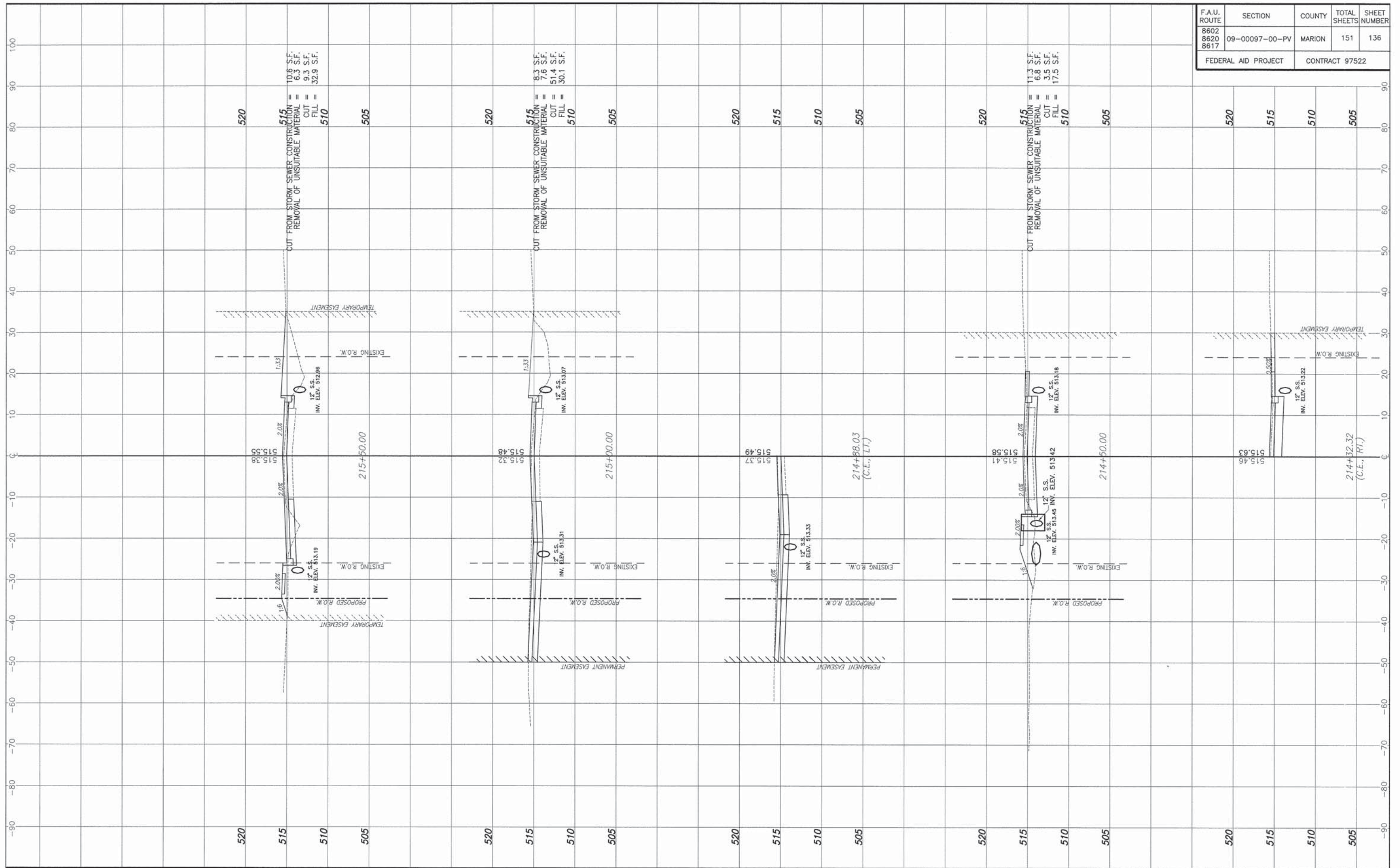


STA. 211+50.00 - STA. 212+86.50 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS





F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	136
FEDERAL AID PROJECT		CONTRACT 97522		

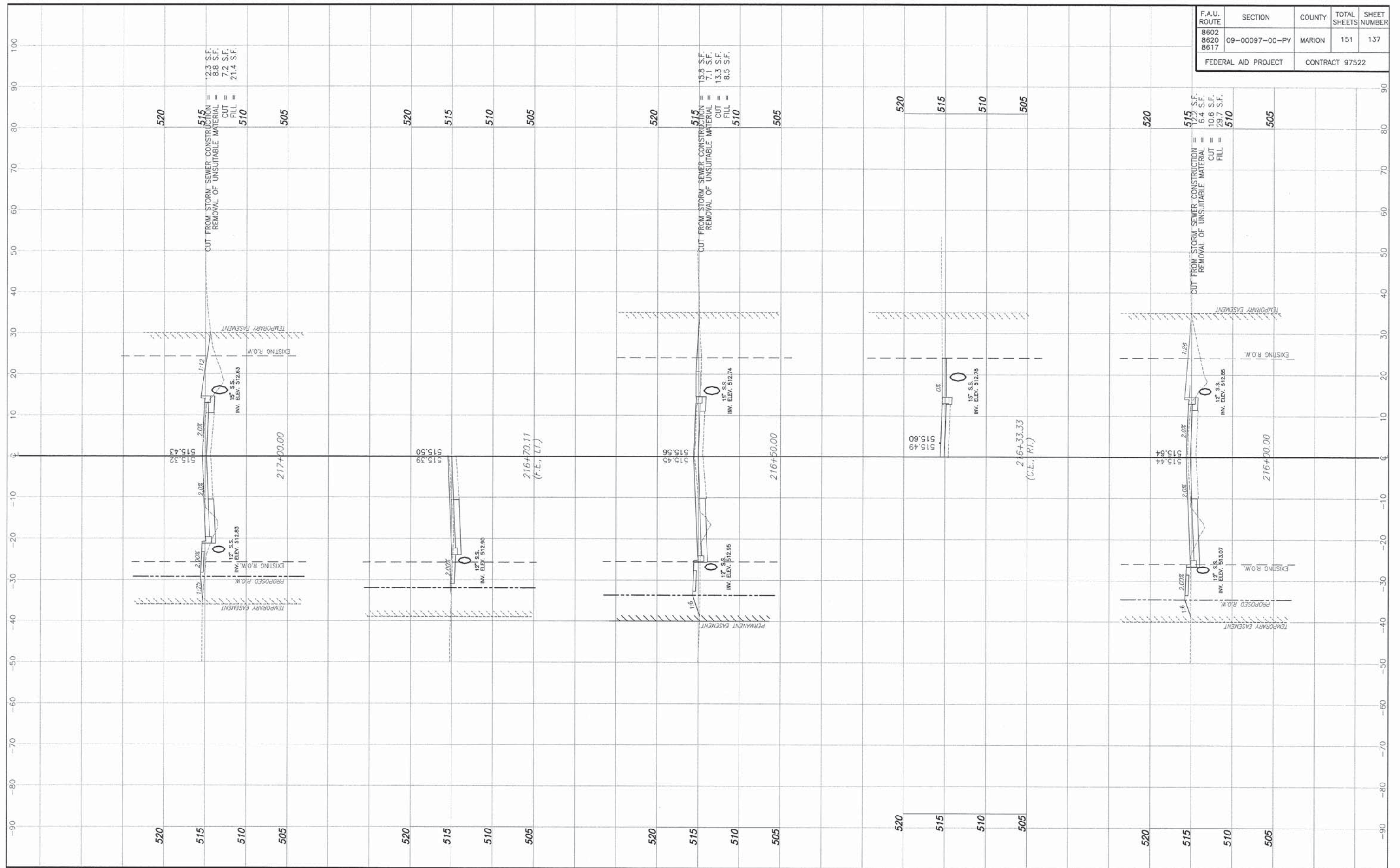


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SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

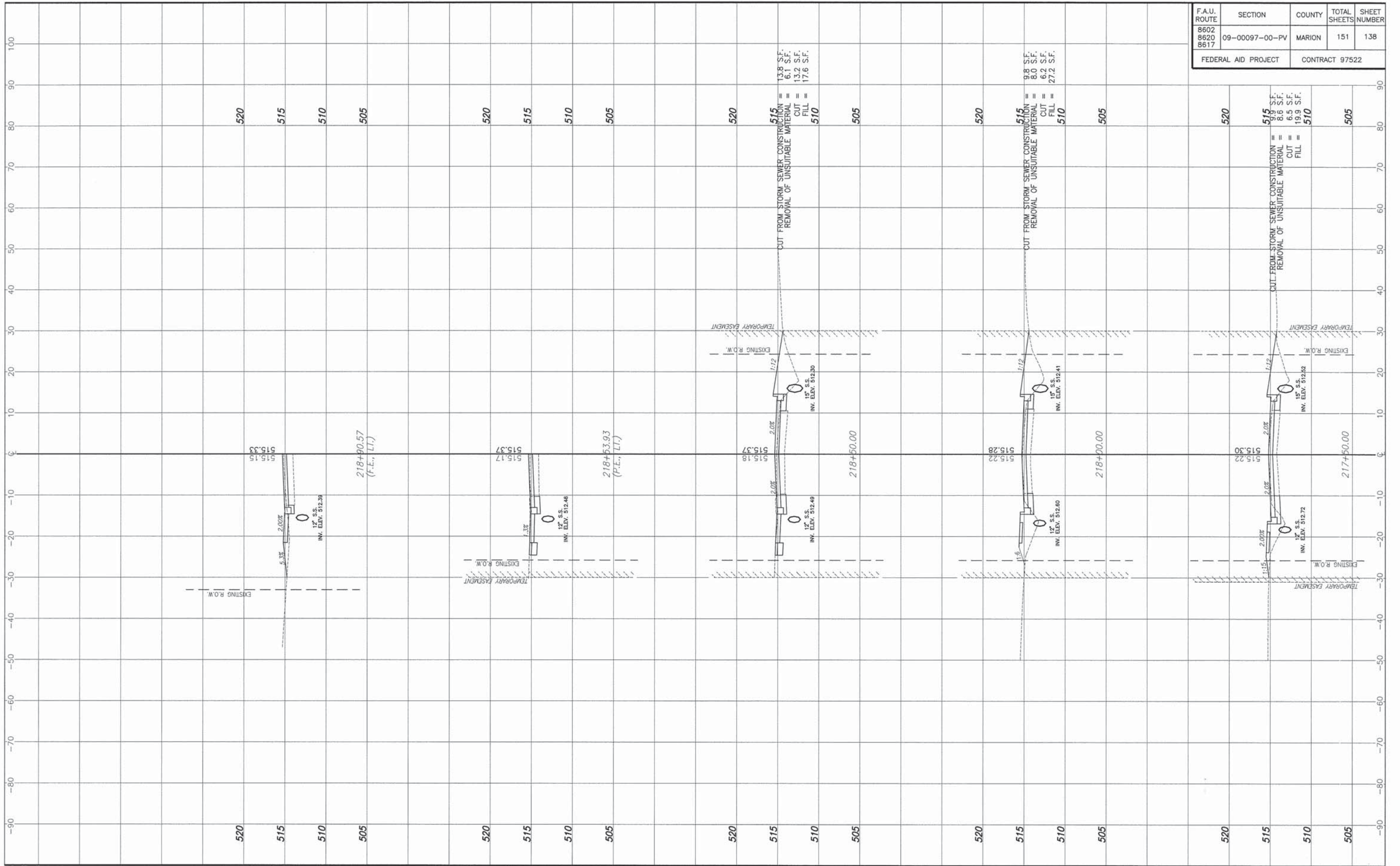
K:\11110 - Genstat - Calumet St & Airport Highway\_CrossSection\Drawings\11110\_sheets.dwg, 9/13/2013 11:06:42 AM, Plotted by GJM



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	137
FEDERAL AID PROJECT		CONTRACT 97522		



STA. 216+00.00 - STA. 217+00.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

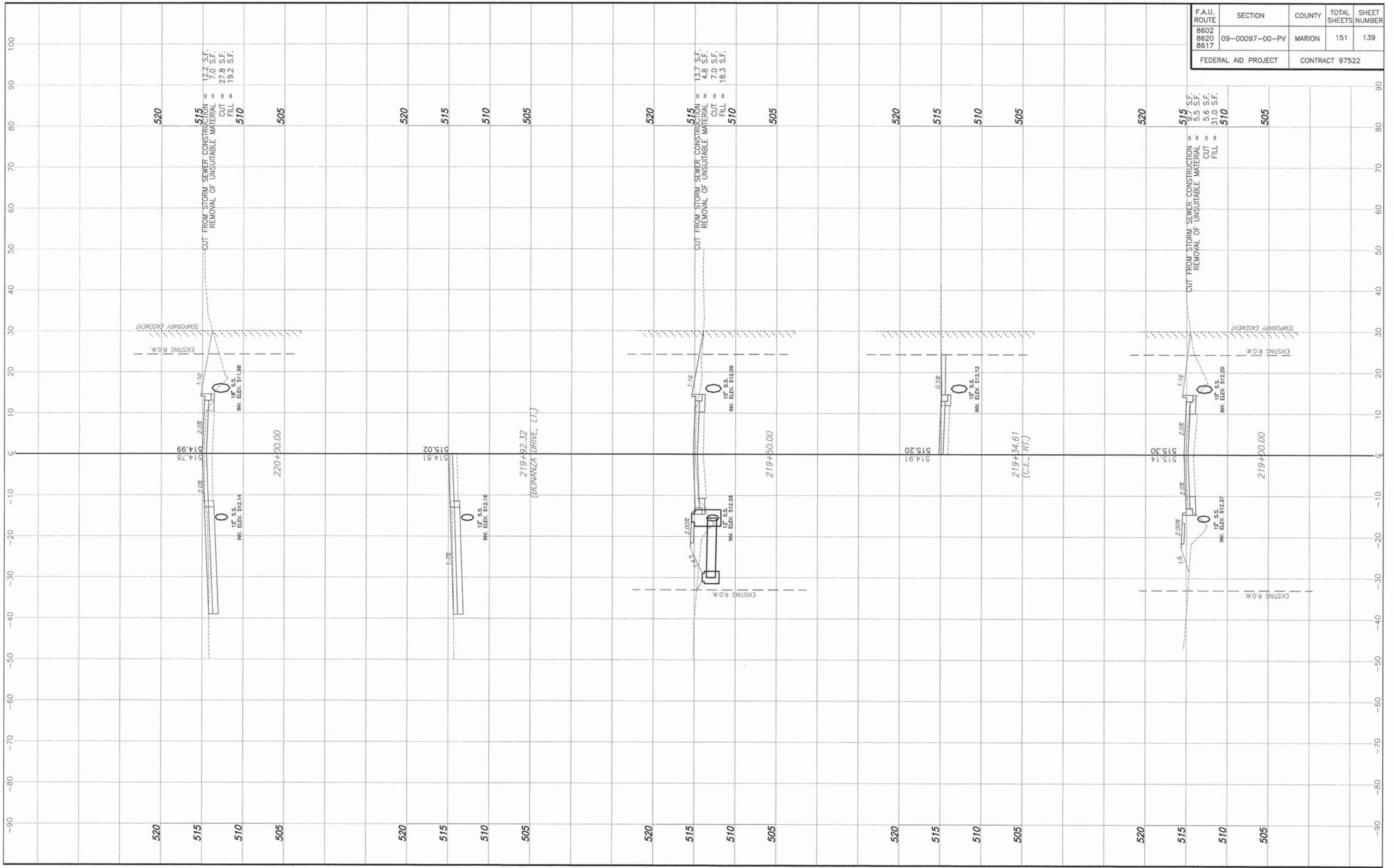


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	138
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 217+50.00 - STA. 218+90.57 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

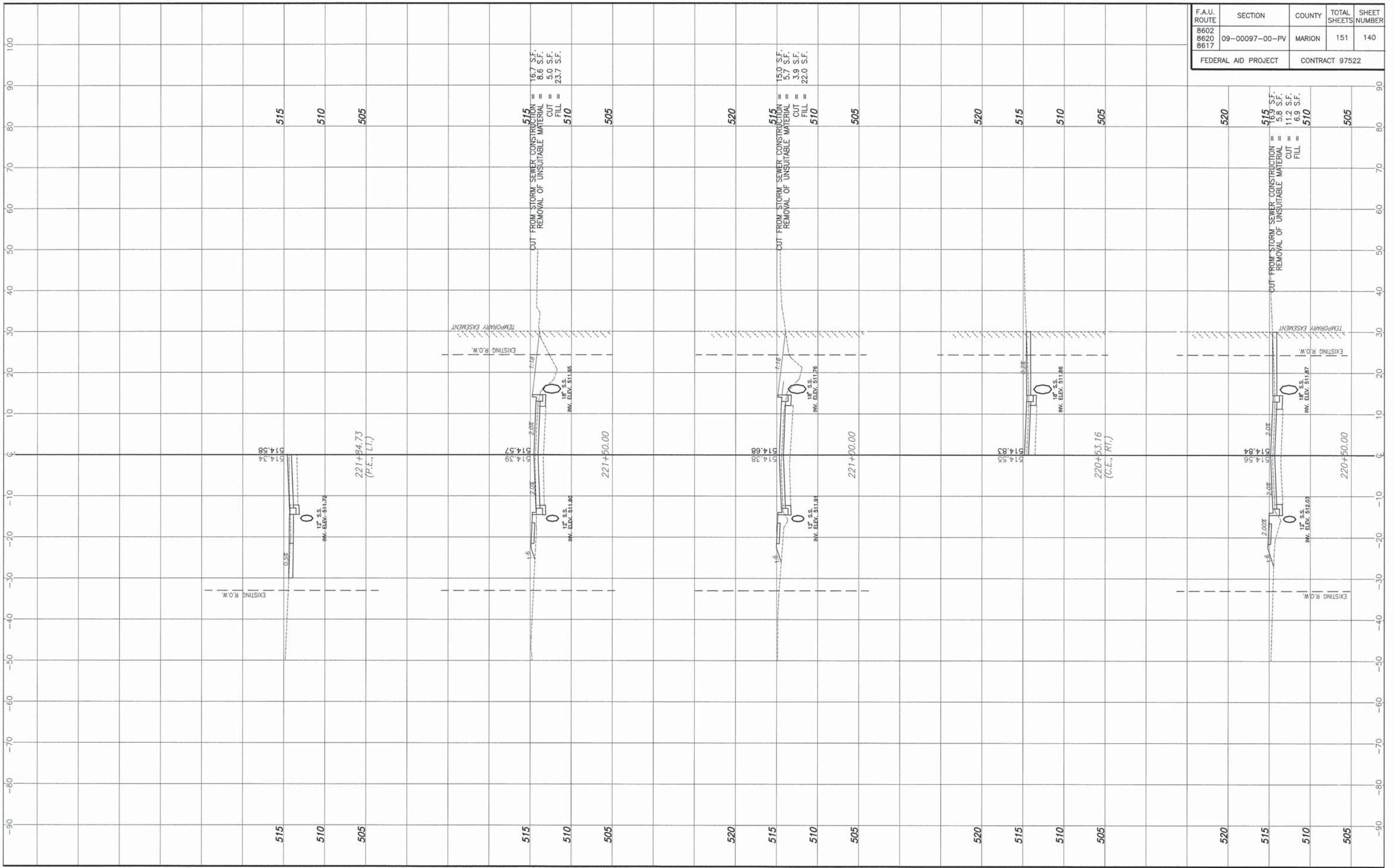


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	139
FEDERAL AID PROJECT		CONTRACT 97522		



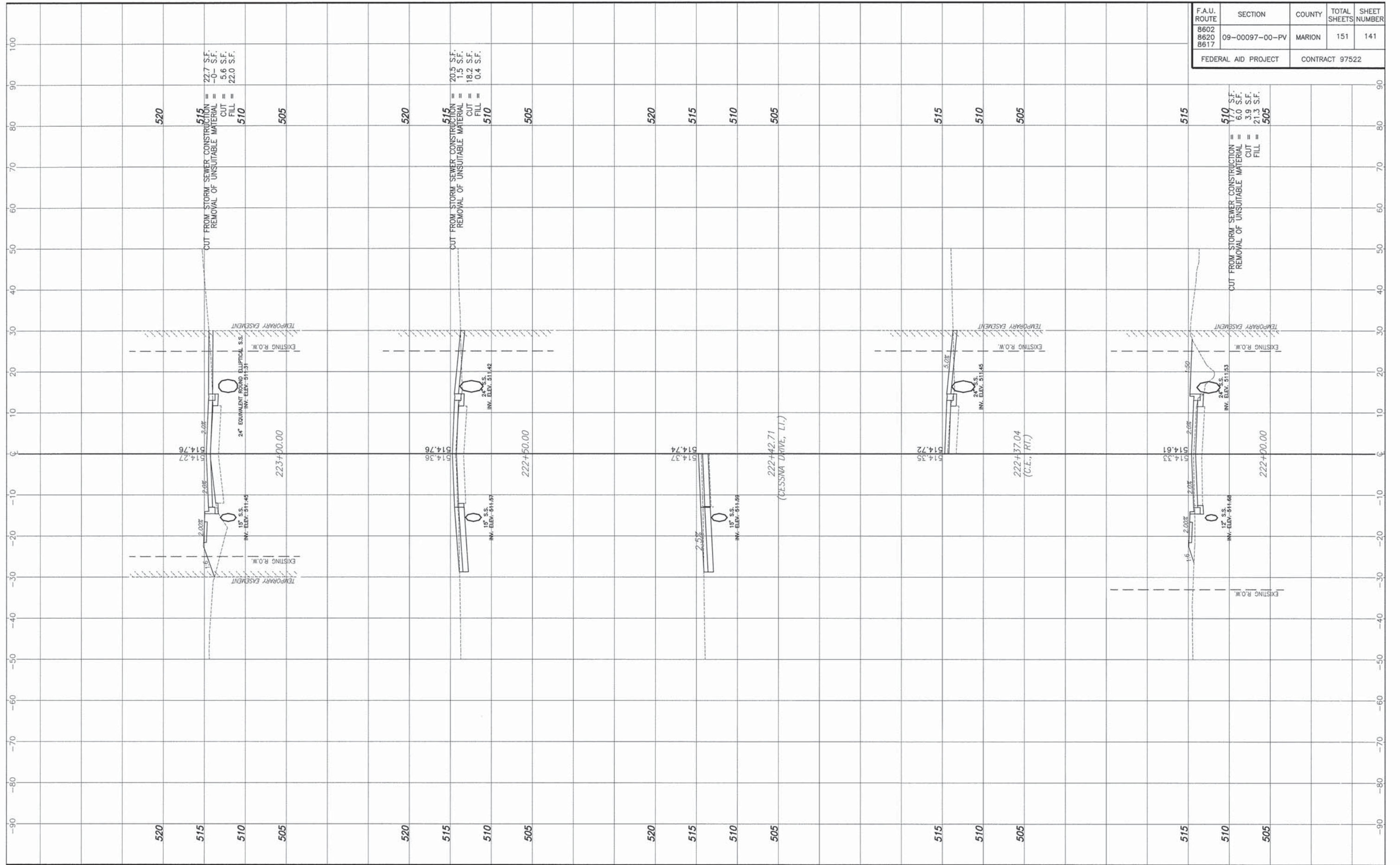
STA. 219+00.00 - STA. 220+00.00 CROSS SECTIONS  
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	140
FEDERAL AID PROJECT		CONTRACT 97522		



STA. 220+50.00 - STA. 221+84.73 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

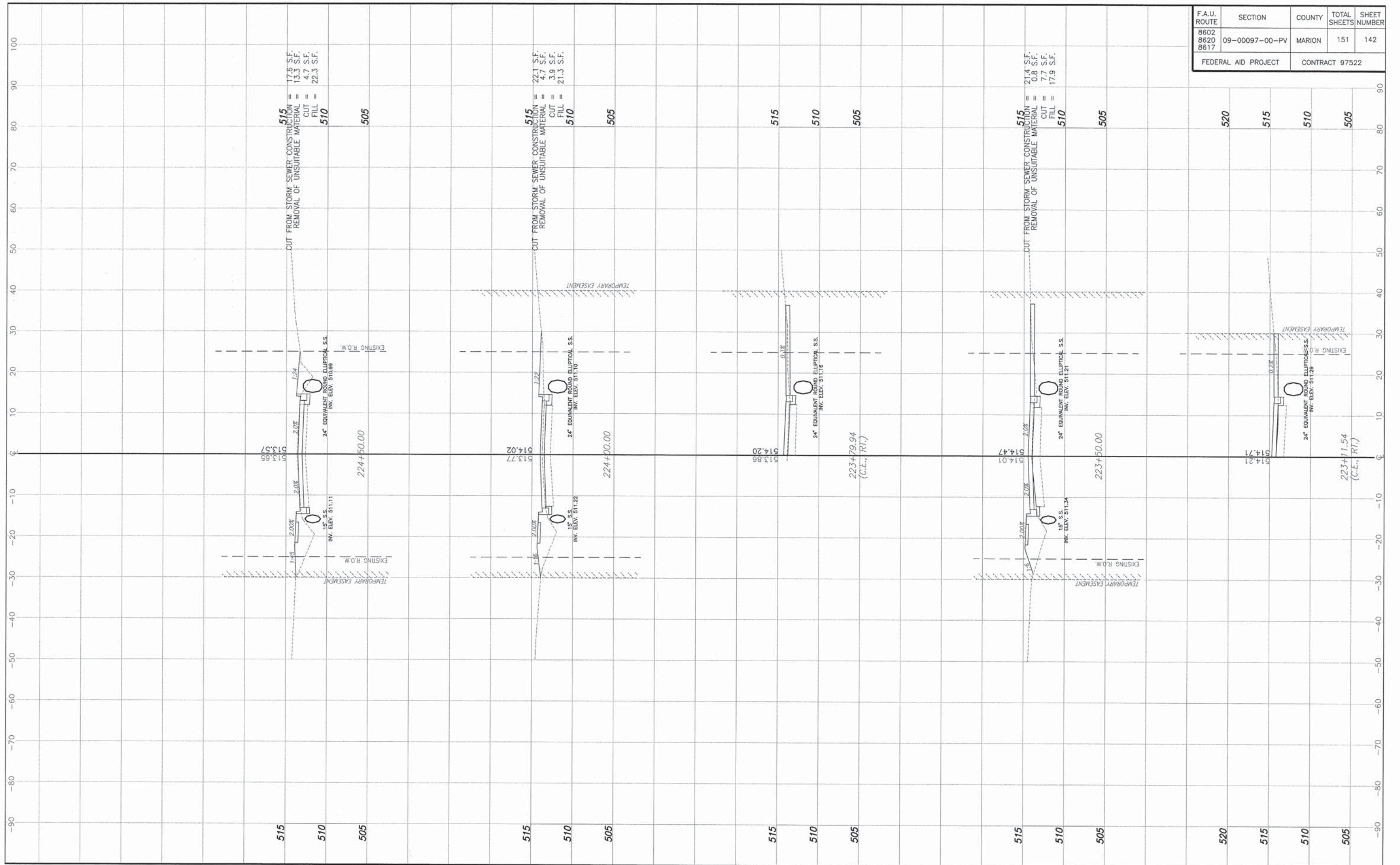




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	141
FEDERAL AID PROJECT		CONTRACT 97522		

STA. 222+00.00 - STA. 223+00.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

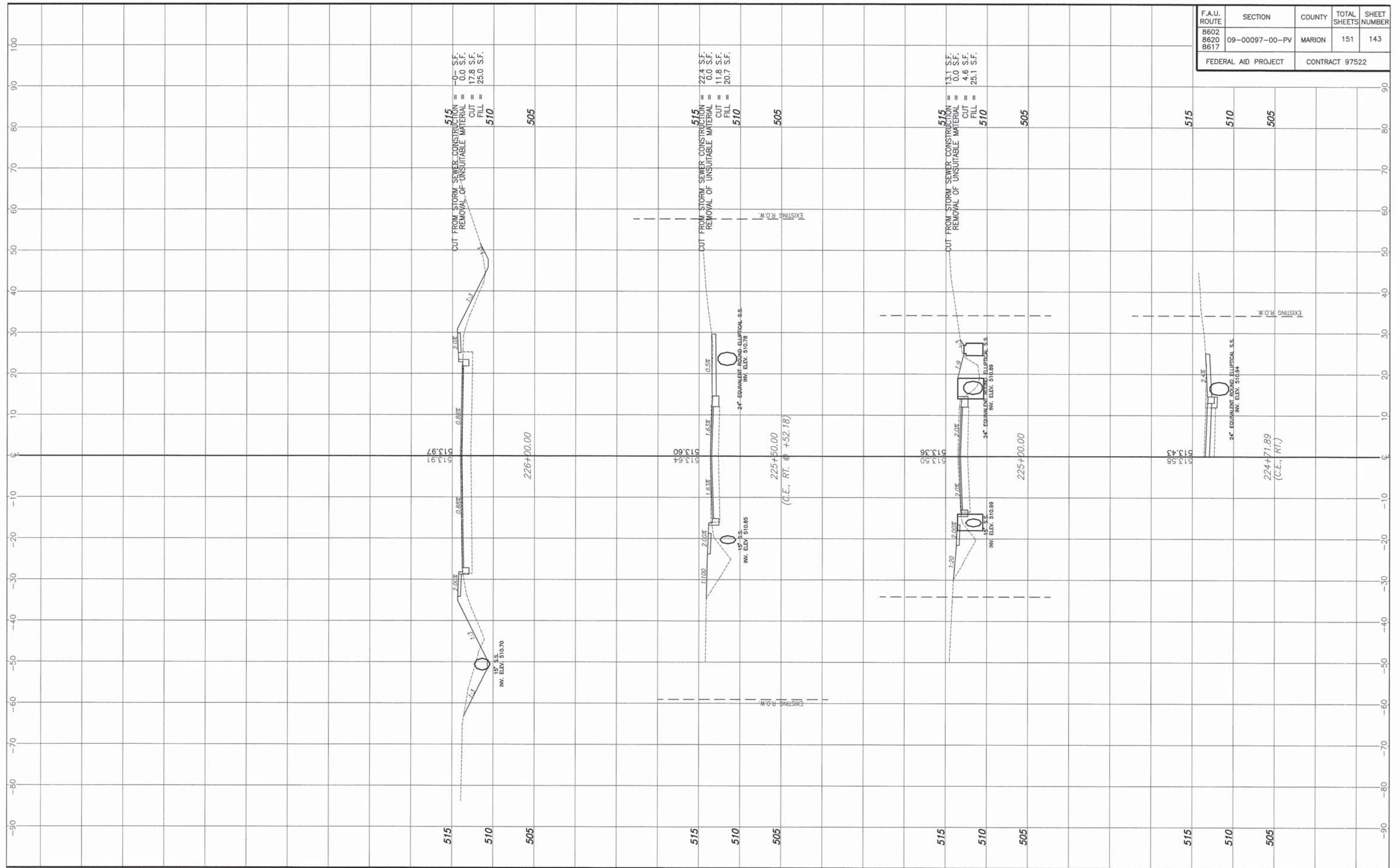
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	142
FEDERAL AID PROJECT		CONTRACT 97522		



STA. 223+11.54 - STA. 224+50.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS



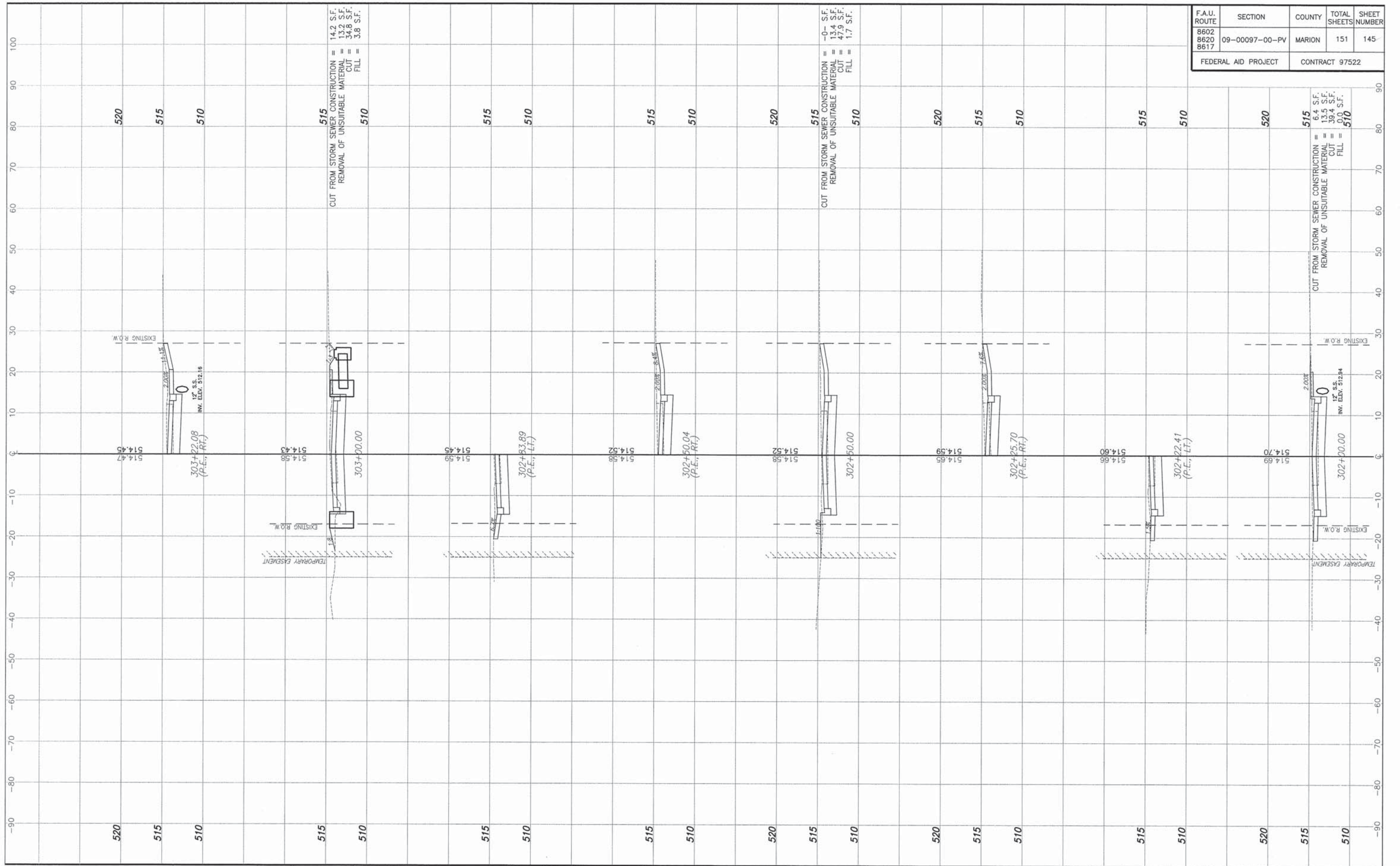
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	143
FEDERAL AID PROJECT		CONTRACT 97522		



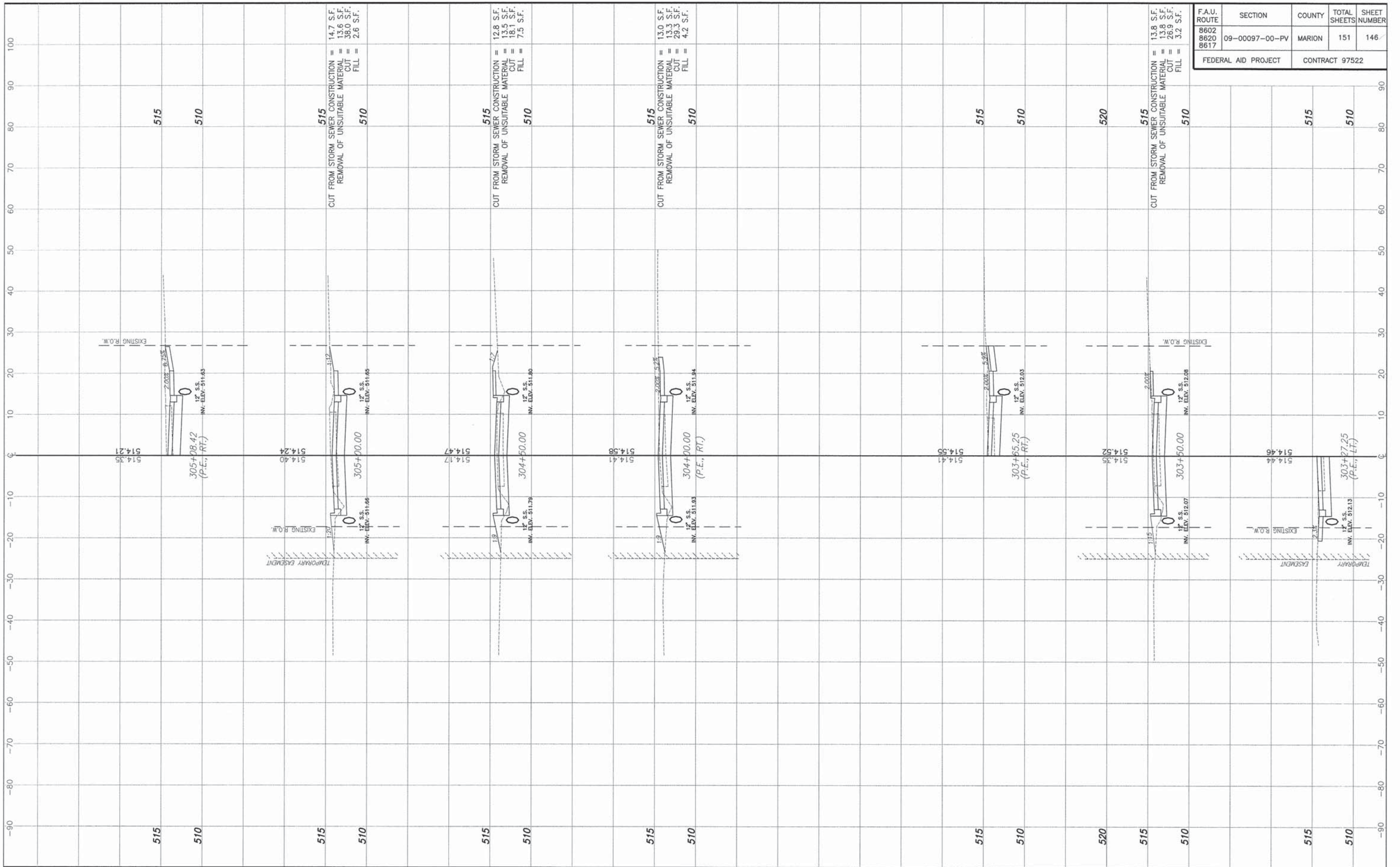
STA. 224+71.89 - STA. 226+00.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS







F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	145
FEDERAL AID PROJECT		CONTRACT 97522		



515  
 CUT FROM STORM SEWER CONSTRUCTION = 14.7 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 13.6 S.F.  
 CUT = 38.0 S.F.  
 FILL = 2.6 S.F.  
 510

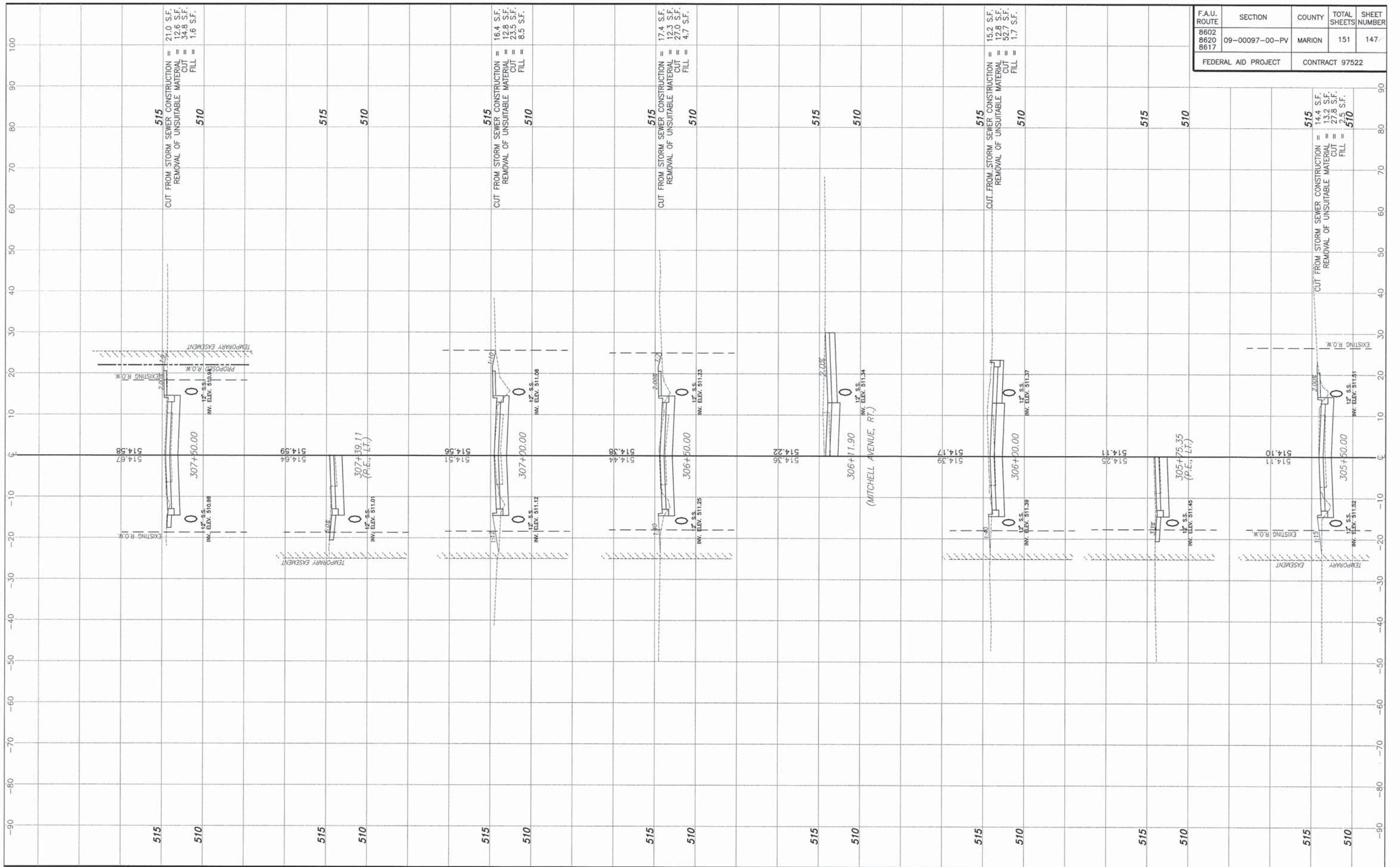
515  
 CUT FROM STORM SEWER CONSTRUCTION = 12.8 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 13.5 S.F.  
 CUT = 18.1 S.F.  
 FILL = 7.5 S.F.  
 510

515  
 CUT FROM STORM SEWER CONSTRUCTION = 13.0 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 13.3 S.F.  
 CUT = 29.3 S.F.  
 FILL = 4.2 S.F.  
 510

515  
 CUT FROM STORM SEWER CONSTRUCTION = 13.8 S.F.  
 REMOVAL OF UNSUITABLE MATERIAL = 13.8 S.F.  
 CUT = 26.9 S.F.  
 FILL = 3.2 S.F.  
 510

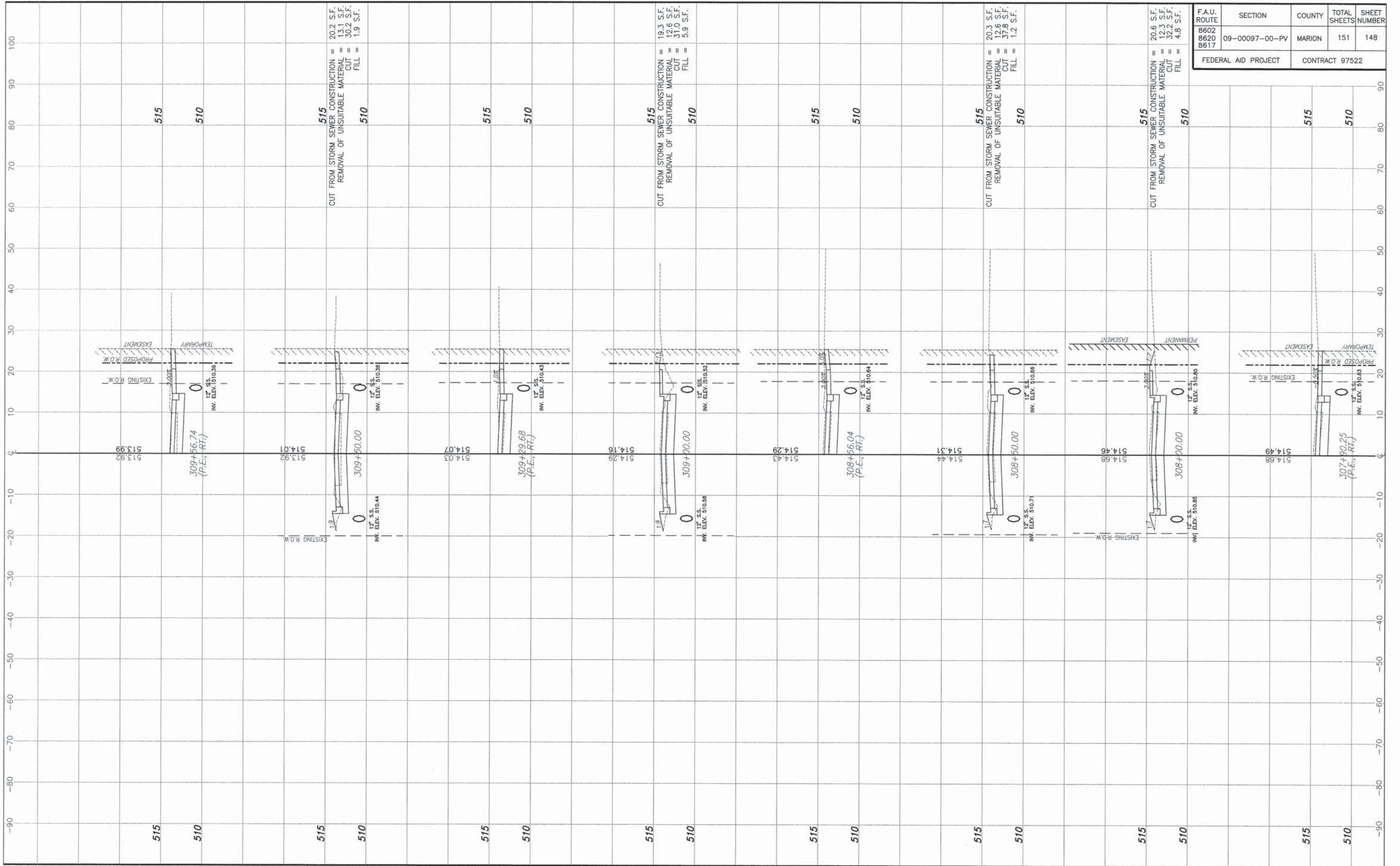
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	146
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		





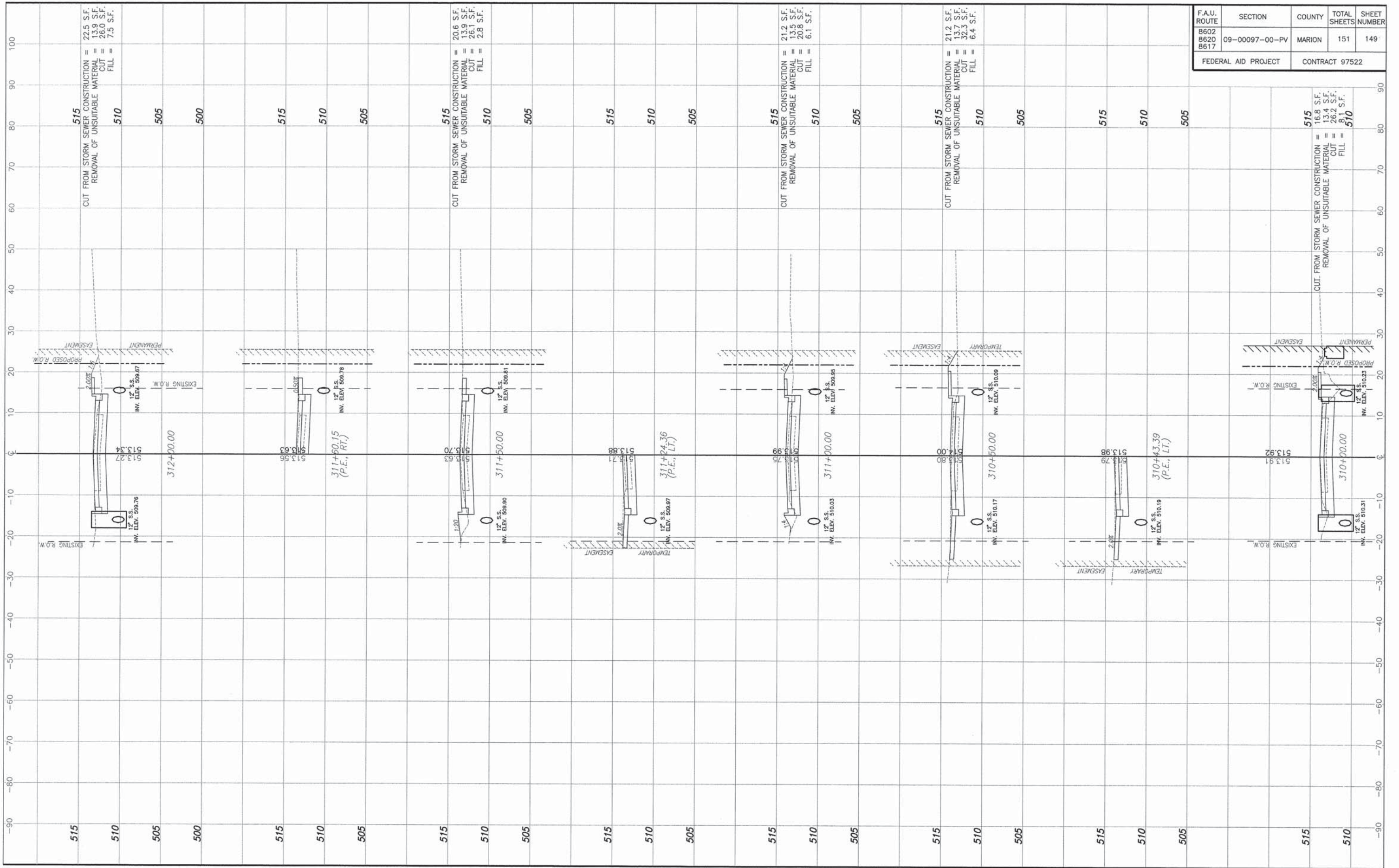
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	147
FEDERAL AID PROJECT		CONTRACT 97522		





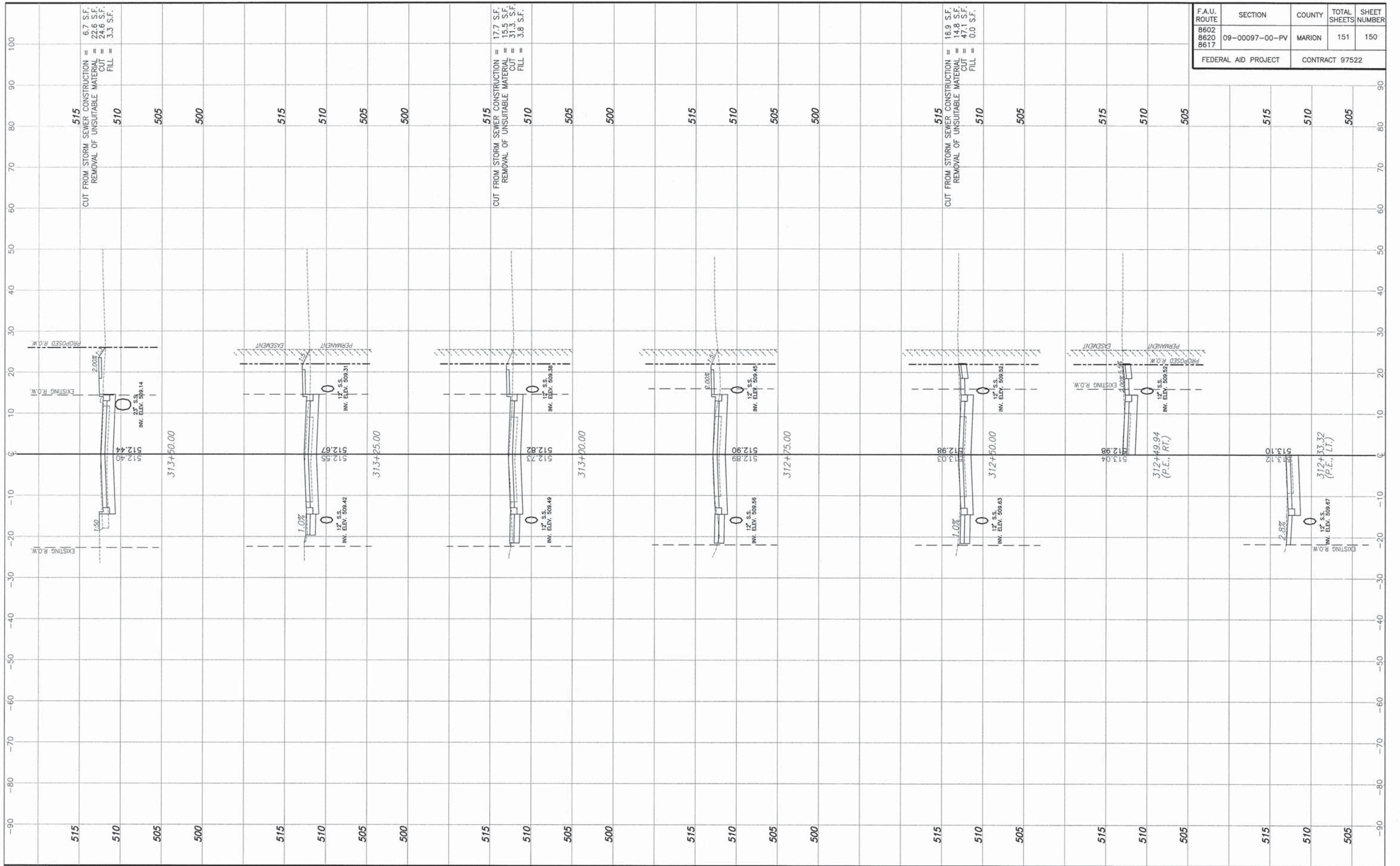
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	148
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		





F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	149
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		

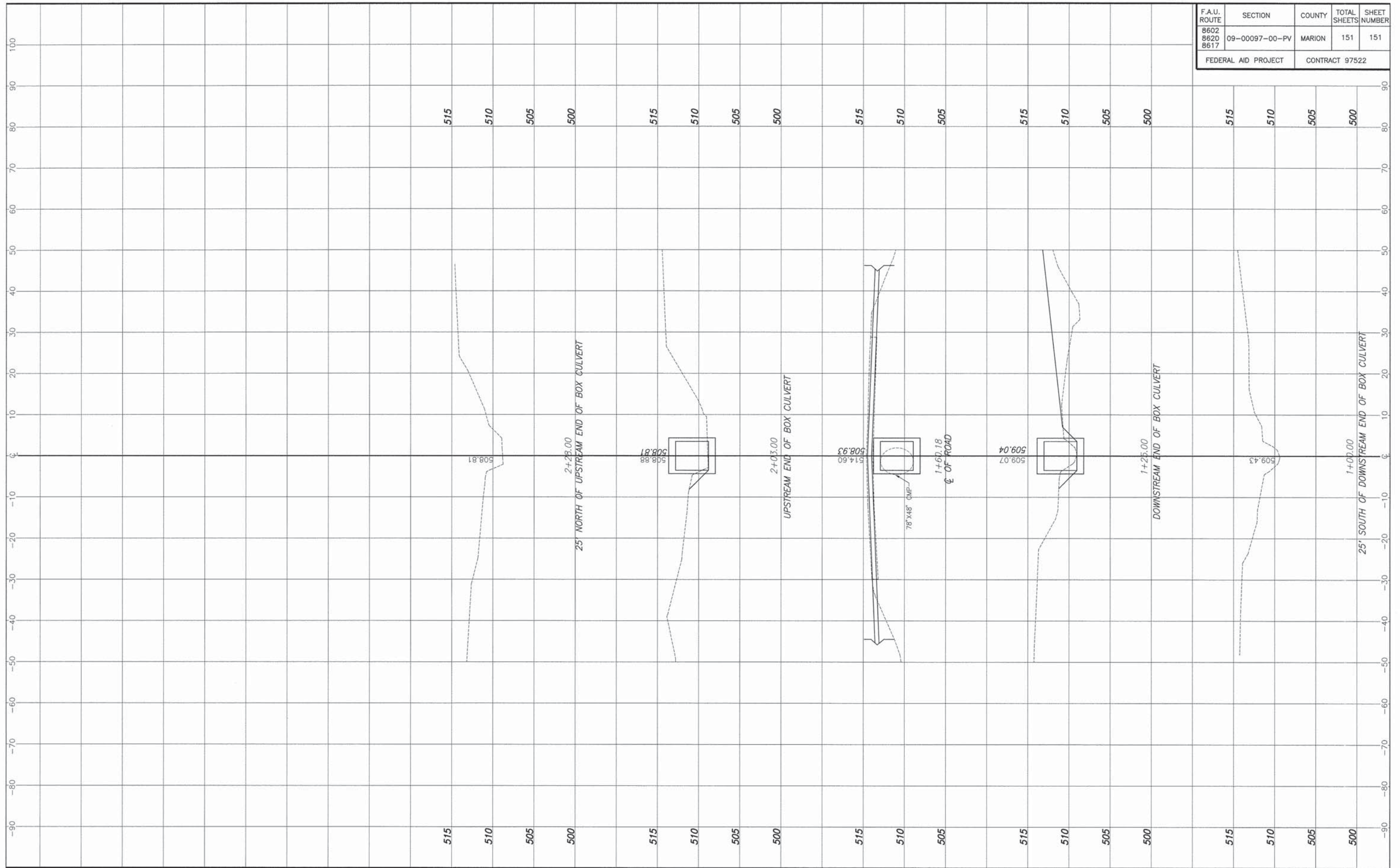




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	150
FEDERAL AID PROJECT		CONTRACT 97522		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	151
FEDERAL AID PROJECT		CONTRACT 97522		



STA. 1+00.00 - STA. 2+28.00 CROSS SECTIONS  
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS