



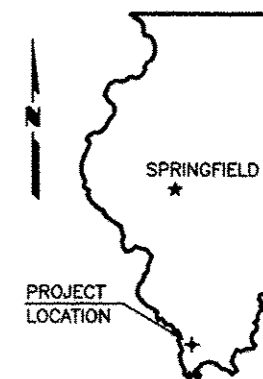
06-10-2016 LETTING ITEM 183

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED

SURFACE TRANSPORTATION PROGRAM

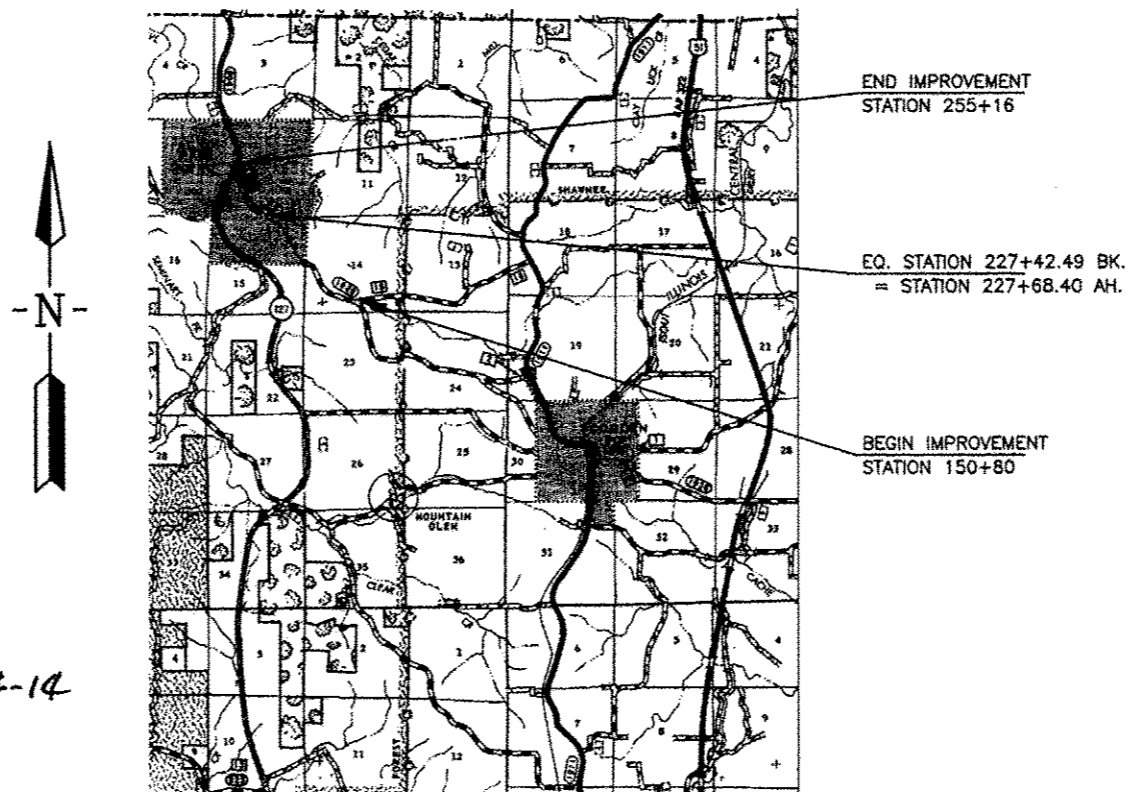
FAS ROUTE 1928 (SKYLINE DRIVE)
SECTION 13-00102-00-RS
PROJECT NO. RS-1928(102)
JOB NO. C-99-510-14

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	1
PROJECT NO. RS-1928(102)			CONTRACT NO. 99542	



UNION COUNTY

SEE SHEET 2 FOR INDEX OF SHEETS



CLASSIFICATION : COLLECTOR
ADT : 1450
DESIGN SPEED : 50 MPH

CONTRACT NO. 99542



10-24-14

Edward W. Miller

Edward W. Miller
PROFESSIONAL ENGINEER
#062-025277
EXPIRES NOV. 30, 2017

LOCATION MAP

SCALE: 1" = 2 MILES

NET LENGTH OF IMPROVEMENT = 10,410.09 FT. = 1.9716 MILES

E. MILLER ENGINEERING, INC.
CONSULTING ENGINEERS
HARRISBURG, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION	
Approved	<u>Dec. 11, 2014</u> <i>Dwain Alamos</i> Union County Engineer
Passed	<u>MARCH 24, 2016</u> <i>Dev. W. Hill</i> District 9 Engineer of Local Roads and Streets
Releasing for Bid Based on Limited Review	<u>MARCH 24, 2016</u> <i>Jeffrey L. Keim</i> Jeffrey L. Keim, P.E. Region Five Engineer

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	2
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL
* X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	8,883
20200100	EARTH EXCAVATION	CU YD	2,200
* 20400100	BORROW EXCAVATION	CU YD	2,360
* 20800150	TRENCH BACKFILL	CU YD	185.6
25000200	SEEDING, CLASS 2	ACRE	3.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	306
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	306
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	306
25000700	AGRICULTURAL GROUND LIMESTONE	TON	6.8
25100115	MULCH, METHOD 2	ACRE	3.4
25100630	EROSION CONTROL BLANKET	SQ YD	6,074
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	340
28000305	TEMPORARY DITCH CHECKS	FOOT	2,200
28000315	AGGREGATE DITCH CHECKS	TON	60
28000400	PERIMETER EROSION BARRIER	FOOT	3,520
28000500	INLET AND PIPE PROTECTION	EACH	8
* 28100807	STONE DUMPED RIPRAP, CLASS A4	TON	27
35100100	AGGREGATE BASE COURSE, TYPE A	TON	30
* 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	90
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	830
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,970
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	86
40600990	TEMPORARY RAMP	SQ YD	227
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	9,440
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	2,600
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	344
42400800	DETECTABLE WARNINGS	SQ FT	51
44000400	GUTTER REMOVAL	FOOT	189
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	35
44000600	SIDEWALK REMOVAL	SQ FT	478
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,760
* 50105220	PIPE CULVERT REMOVAL	FOOT	24
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	182
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	336
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	76
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	214
542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	290
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	24
54210184	PIPE ELBOW, 15"	EACH	3
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1
60240320	INLETS, TYPE B, TYPE 15 FRAME AND LID	EACH	1
60264100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 15 FRAME AND LID	EACH	2
60602800	CONCRETE GUTTER, TYPE B	FOOT	172
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	517
Δ 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	425
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8
Δ * 63200310	GUARDRAIL REMOVAL	FOOT	637
67100100	MOBILIZATION	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,776
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	37,750
Δ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	26
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	37,750

* SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

INDEX OF SHEETS

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 - 780001-05 TYPICAL PAVEMENT MARKINGS
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 - BLR 24-2 MAILBOX TURNOUTS

725001 Object and Terminal Markers
 782006 Guardrail and Barrier Wall
 Reflector Marking Details

SUMMARY OF QUANTITIES
 & INDEX OF SHEETS
 FAS ROUTE 1928
 SECTION 13-00102-00-RS
 PROJECT NO. RS-1928 (102)
 UNION COUNTY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	3
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

P C CONCRETE SIDEWALK 4 INCH	
Location	Sq. Ft.
Sta. 225+09 to Sta. 225+40 Rt.	128
Sta. 231+06 to Sta. 231+26 Lt.	90
Sta. 231+14 to Sta. 231+24 Rt.	62
Sta. 239+02 to Sta. 239+10 Lt.	32
Sta. 239+23 to Sta. 239+27 Lt.	16
Sta. 239+49 to Sta. 239+53 Lt.	16
TOTAL	344

GUTTER REMOVAL	
Location	Foot
Sta. 230+61 to Sta. 231+80 Lt.	119
Sta. 238+86 to Sta. 239+26 Rt.	40
Sta. 238+91 to Sta. 239+21 Lt.	30
TOTAL	189

AGGREGATE BASE COURSE, TYPE A	
Location	Ton
Sta. 253+52 Lt.	13
Sta. 254+62 Lt.	17
TOTAL	30

PAINT PAVEMENT MARKING - LINE 4" (LIN. FT.)			
Location	Centerline (Yellow Dashed)	Edge Line (White Solid)	No Passing (Yellow Solid)
Sta. 140+00 to Sta. 255+10	1,220	20,172	16,358

See Standard 780001 for typical pavement markings.

SIDEWALK REMOVAL	
Location	Sq. Ft.
Sta. 224+75 to Sta. 225+40 Rt.	272
Sta. 231+06 to Sta. 231+26 Lt.	80
Sta. 231+14 to Sta. 231+24 Rt.	62
Sta. 239+02 to Sta. 239+10 Lt.	32
Sta. 239+23 to Sta. 239+27 Lt.	16
Sta. 239+49 to Sta. 239+53 Lt.	16
TOTAL	478

COMBINATION CURB AND GUTTER REMOVAL	
Location	Foot
Sta. 231+14 to Sta. 231+24 Rt.	15
Sta. 235+27 to Sta. 235+47 Rt.	20
TOTAL	35

SURFACE REMOVAL VARIABLE DEPTH (SPECIAL)	
Location	Sq. Yds.
Sta. 228+66 to Sta. 238+80	4267
Sta. 238+80 to Sta. 255+16	4616
TOTAL	8883

"NO PASSING" ZONES			
EASTBOUND (LEFT) LANE		WESTBOUND (RIGHT) LANE	
Location	Length	Location	Length
Sta. 140+00' to Sta. 155+85	1,585'	Sta. 153+35 to Sta. 192+45	3,910'
Sta. 162+35 to Sta. 201+45	3,910'	Sta. 201+95 to Sta. 233+55	3,134'
Sta. 210+20 to Sta. 242+55	3,209'	Sta. 249+00 to Sta. 255+10	610'
TOTALS	8,704'		7,654'

¹ Existing no-passing zone extends beyond project limits.

DETECTABLE WARNINGS	
Location	Sq. Ft.
Sta. 231+15 Lt.	10
Sta. 231+15 Rt.	25
Sta. 239+26 Lt.	8
Sta. 239+50 Lt.	8
TOTAL	51

CONCRETE GUTTER, TYPE B	
Location	Foot
Sta. 224+72 to Sta. 225+61 Rt.	102
Sta. 238+86 to Sta. 239+26 Rt.	40
Sta. 238+91 to Sta. 239+21 Lt.	30
TOTAL	172

HMA SURFACE REMOVAL - BUTT JOINT	
Location	Sq. Yds.
Sta. 150+80 to Sta. 151+15	86
TOTAL	86

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	
Location	Foot
Sta. 225+71 to Sta. 229+66 Rt.	363
Sta. 230+61 to Sta. 231+80 Lt.	119
Sta. 231+14 to Sta. 231+24 Rt.	15
Sta. 235+27 to Sta. 235+47 Rt.	20
TOTAL	517

GUARDRAIL			
Location	Guardrail Removal Foot	SPBGR, Type A 9 Ft. Posts Foot	TBT, Type 1 (Sp.) Tangent Each
Sta. 185+27 to Sta. 186+79 Lt.	50	50	2
Sta. 188+22 to Sta. 190+38 Lt.	175	125	2
Sta. 212+48 to Sta. 214+56 Lt.	200	100	2
Sta. 226+09 to Sta. 228+78 Lt.	212	150	2
TOTALS	637	425	8

QUANTITY SCHEDULES
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928 (102)
UNION COUNTY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	4
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

RESURFACING SCHEDULE

Location Station to Station	Length Feet	Prime Pounds	HMA Binder Course		Hot-Mix Asphalt Surface Cse. Tons
			Full Lift Tons	Crown/SE Correction Tons	
NORTHBOUND (RIGHT) LANE					
150+80 to 156+10	530.00	204.7	158.8	28.9	56.3
156+10 to 162+31	621.00	239.9	186.1	109.0	65.9
162+31 to 165+18	287.00	110.8	86.0	69.6	30.5
165+18 to 167+79	261.00	100.8	78.2	52.8	27.7
167+79 to 171+53	374.00	144.5	112.1	136.6	39.7
171+53 to 178+26	673.00	259.9	201.7	149.0	71.5
178+26 to 178+89	63.00	24.4	18.9	4.4	6.7
178+89 to 183+35	446.00	172.2	133.6	51.9	47.3
183+35 to 185+71	236.00	91.2	70.7	51.7	25.1
185+71 to 186+99	128.00	49.4	38.4	62.9	13.6
186+99 to 191+94	495.00	191.2	148.3	129.0	52.5
191+94 to 192+38	44.00	17.0	13.2	3.7	4.7
192+38 to 195+57	319.00	123.2	95.6	27.3	33.9
195+57 to 209+42	1385.00	535.0	415.0	44.9	147.0
209+42 to 214+72	530.00	204.7	158.8	21.6	56.3
214+72 to 217+69	297.00	114.7	89.0	19.8	31.5
217+69 to 219+27	158.00	61.1	47.3	16.4	16.8
219+27 to 222+33	306.00	118.1	91.7	42.0	32.5
222+33 to 225+00	267.00	103.2	80.0	36.4	28.3
225+00 to 228+66	340.09	131.3	109.7	61.5	36.2
228+66 to 238+82	1016.00	6026.4	579.5		204.5
238+82 to 255+16	1634.00	5697.6	547.9		193.4
Subtotals for NorthBound (Right) Lane		14721.3	3460.5	1119.4	1221.9
SOUTHBOUND (LEFT) LANE					
150+80 to 156+10	530.00	204.7	158.8	4.0	56.3
156+10 to 162+31	621.00	239.9	186.1	88.6	65.9
162+31 to 165+18	287.00	110.8	86.0	27.4	30.5
165+18 to 167+79	261.00	100.8	78.2	13.1	27.7
167+79 to 171+53	374.00	144.5	112.1	11.6	39.7
171+53 to 178+26	673.00	259.9	201.7	74.2	71.5
178+26 to 178+89	63.00	24.4	18.9	10.0	6.7
178+89 to 183+35	446.00	172.2	133.6	71.2	47.3
183+35 to 185+71	236.00	91.2	70.7	27.5	25.1
185+71 to 186+99	128.00	49.4	38.4	16.8	13.6
186+99 to 191+94	495.00	191.2	148.3	53.8	52.5
191+94 to 192+38	44.00	17.0	13.2	4.5	4.7
192+38 to 195+57	319.00	123.2	95.6	39.8	33.9
195+57 to 209+42	1385.00	535.0	415.0	240.1	147.0
209+42 to 214+72	530.00	204.7	158.8	106.4	56.3
214+72 to 217+69	297.00	114.7	89.0	47.7	31.5
217+69 to 219+27	158.00	61.1	47.3	34.9	16.8
219+27 to 222+33	306.00	118.1	91.7	28.5	32.5
222+33 to 225+00	267.00	103.2	80.0	45.8	28.3
225+00 to 228+66	340.09	131.3	109.7	79.2	36.2
228+66 to 238+82	1016.00	4851.2	466.5		164.6
238+82 to 255+16	1634.00	6069.8	583.7		206.0
Subtotals for SouthBound (Left) Lane		13918.3	3383.3	1025.1	1194.6
TOTALS		28639.6	6843.8	2144.5	2416.5

NOTE: Quantities shown do not include materials for entrances, side roads, and mailbox turnouts.

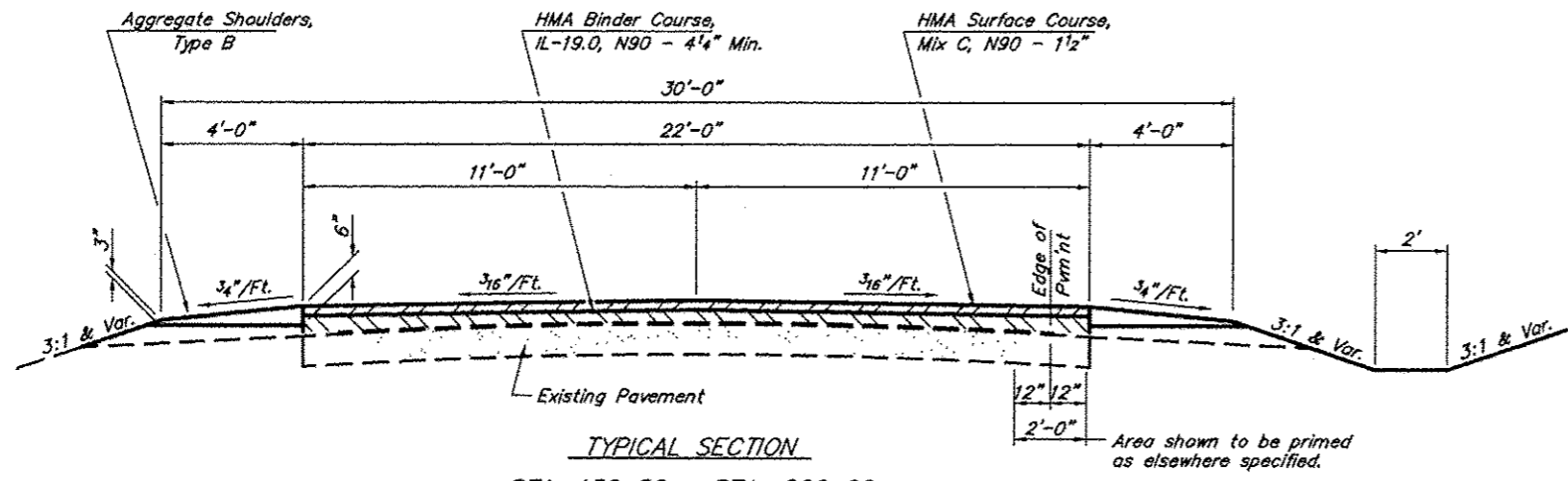
CULVERT SCHEDULE

Location	Type	Inlets, Ty. A		Inlets, Ty. B	Recon. Inlets w/Ty. 15 F&L	Pipe Cul Removal Foot	Pipe Culverts - Foot						Pipe Elbow 15"	Trench Backfill Cu. Yds.	Stone Dumped Riprap
		Ty. 1 F&OL Each	Ty. 15 F&L Each				CIA, Ty 1		CIA, Ty 2	CIC, Ty 1					
		15"	18"	24"	18"	15"	24"								
CODE NUMBER		60234200	60237000	60240320	60264100	50105220	542A0220	542A0223	542A0229	542A1063	542C0220	542C0229	54210184	20800150	28100107
154+00 LT	P CUL												26		
156+08 AR	P CUL									50				15.2	
156+60 LT	P CUL										26				
160+13 RT	P CUL										28				
162+72 LT	P CUL										28				
164+15 RT	P CUL										30				
165+34 LT	P CUL										26				
166+38 LT	P CUL										30				
169+96 LT	P CUL										32				
180+81 AR	P CUL							50						9.4	6
183+77 AR	P CUL							46						9.0	
185+87 AR	P CUL								52					13.5	
188+15 AR	P CUL							46						8.5	
194+24 AR	P CUL							44						9.4	6
203+15 RT	P CUL										36				
203+90 AR	P CUL								50					15.9	
217+01 AR	P CUL							46						9.2	
220+46 LT	P CUL										28				
222+25 AR	P CUL								76					10.2	
223+86 AR	P CUL									62				9.5	6
224+49 RT	INLET	1					182							50.0	
224+64 RT	REMOVE					24									
224+94 RT	ELBOW												1		
225+29 RT	ELBOW												1		
225+68 RT	ELBOW												1		
226+32 AR	P CUL				1			38						10.0	
229+06 AR	P CUL				1			40						10.0	
239+06 AR	INLET		1	1				26			24			5.8	9
TOTALS		1	1	1	2	24	182	336	76	214	290	24	3	185.6	27

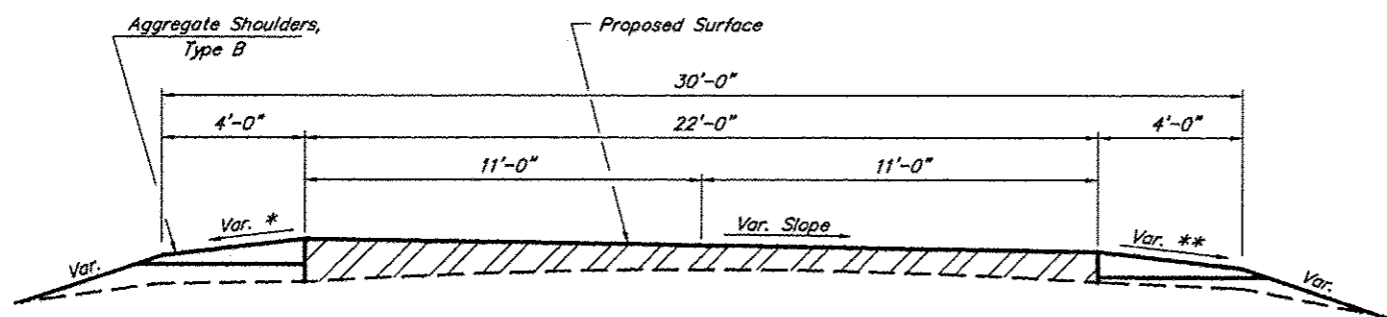
RESURFACING AND
CULVERT SCHEDULES
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928 (102)
UNION COUNTY

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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 192B	13-00102-00-RS	UNION	26	5
PROJECT NO. RS-192B (102)			CONTRACT NO. 99542	



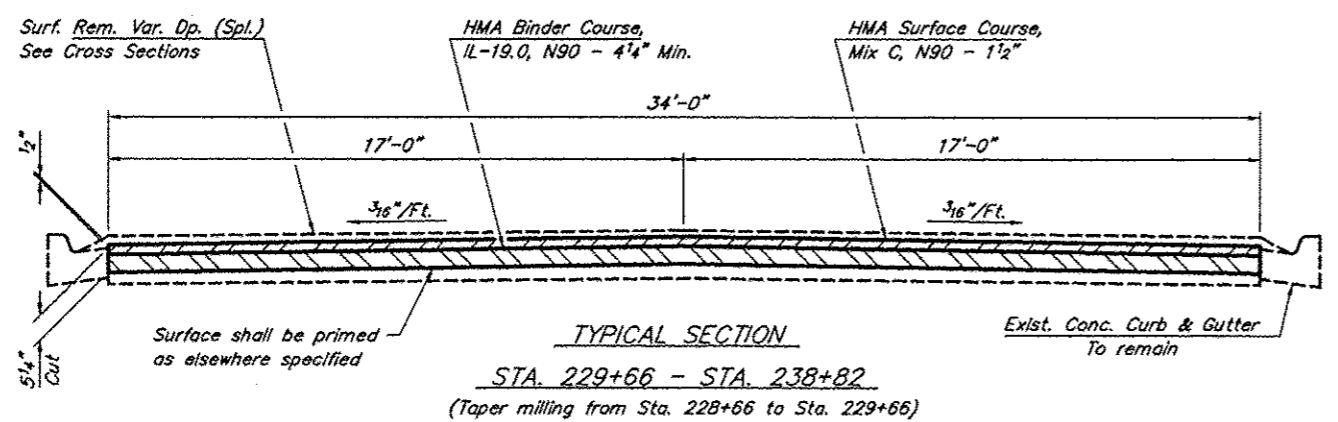
TYPICAL SECTION
STA. 150+80 - STA. 229+66



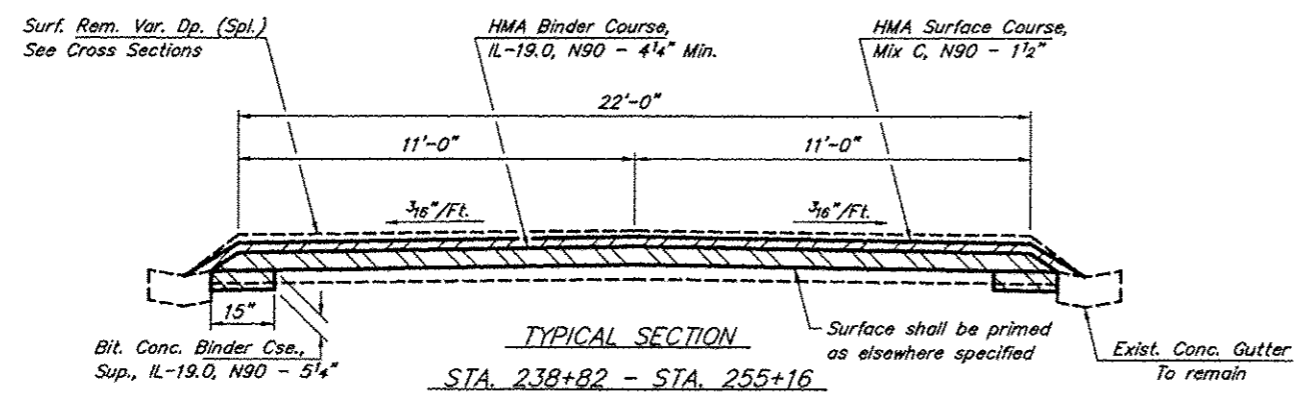
TYPICAL SECTION THRU CURVES
NOTE: Section shown for right curve. Reverse for left curve.

* Slope 3/4"/ft. but not more than 0.12"/ft. break between pavement and shoulder.

** Slope equals greater of 3/4"/ft. or the superelevation rate.



TYPICAL SECTION
STA. 229+66 - STA. 238+82
(Taper milling from Sta. 228+66 to Sta. 229+66)



TYPICAL SECTION
STA. 238+82 - STA. 255+16

GENERAL NOTES

Crown and/or superelevation corrections shall be constructed with binder prior to the first full lift of HMA Binder Course.

Any mention of "prime" in these plans shall be construed to mean either Bituminous Materials (Prime Coat) or Bituminous Materials (Tack Coat) as specified in Section 406 of the Standard Specifications for Road and Bridge Construction.

All Pipe Culverts specified as Class C in the plans shall be Aluminized Steel, Type 2 Corrugated Pipe.

See Standard 630301 for additional embankment for installation of Traffic Barrier Terminal, Type 1 (Special) Tangent.

The location of underground utilities shown on the plans is an approximation and is only included for the convenience of the bidder.

Factors used for quantity calculations are as follows:

Hot-Mix Asphalt	112.0 Lbs./Sq. Yd./Inch
Granular Materials	2.025 Tons/Cu. Yd.
Bit. Materials (Prime/Tack Coat)	
on HMA Base	0.05 Lbs./Sq. Ft.
on HMA Lift	0.025 Lbs./Sq. Ft.
on Agg. Base	0.25 Lbs./Sq. Ft.

STRUCTURAL DESIGN DATA

Class III Roadway
Design Period - 20 Years
PC 1.392 IBR 2.5
SU 48 TF 0.093
MU 10 DT 3.011

Material Coefficient
Existing Crushed Stone Base - 0.13
Existing Oil & Chip Surface - 0.13
Bit. Conc. Binder Course - 0.33
Bit. Conc. Surface Course - 0.40

ASPHALT MIXTURE REQUIREMENTS

Mixture Use:	HMA Binder Course, IL-19.0, N90
PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4% 90 Gyraton Superpave Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None

Mixture Use:	HMA Surface Course, Mix "C", N90
PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4% 90 Gyraton Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C Surface

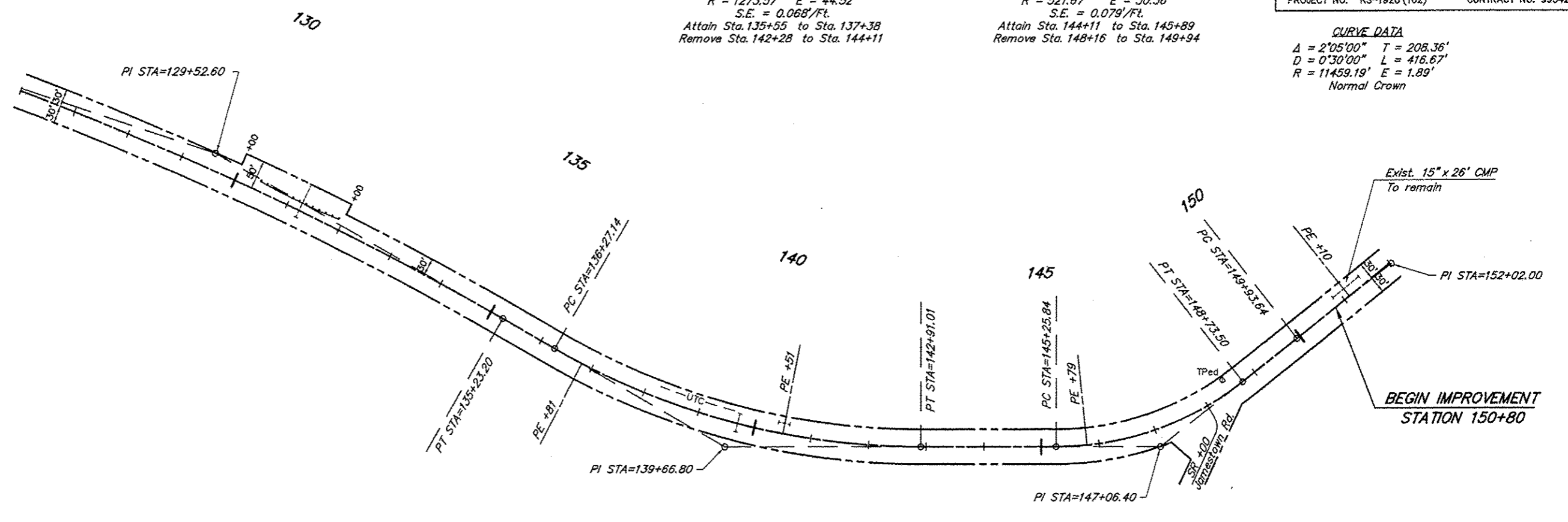
TYPICAL SECTIONS
FAS ROUTE 192B
SECTION 13-00102-00-RS
PROJECT NO. RS-192B (102)
UNION COUNTY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	6
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

CURVE DATA
 $\Delta = 29^{\circ}52'00''$ $T = 339.66'$
 $D = 4^{\circ}29'56''$ $L = 663.87'$
 $R = 1273.57'$ $E = 44.52'$
 $S.E. = 0.068'/Ft.$
 Attain Sta. 135+55 to Sta. 137+38
 Remove Sta. 142+28 to Sta. 144+11

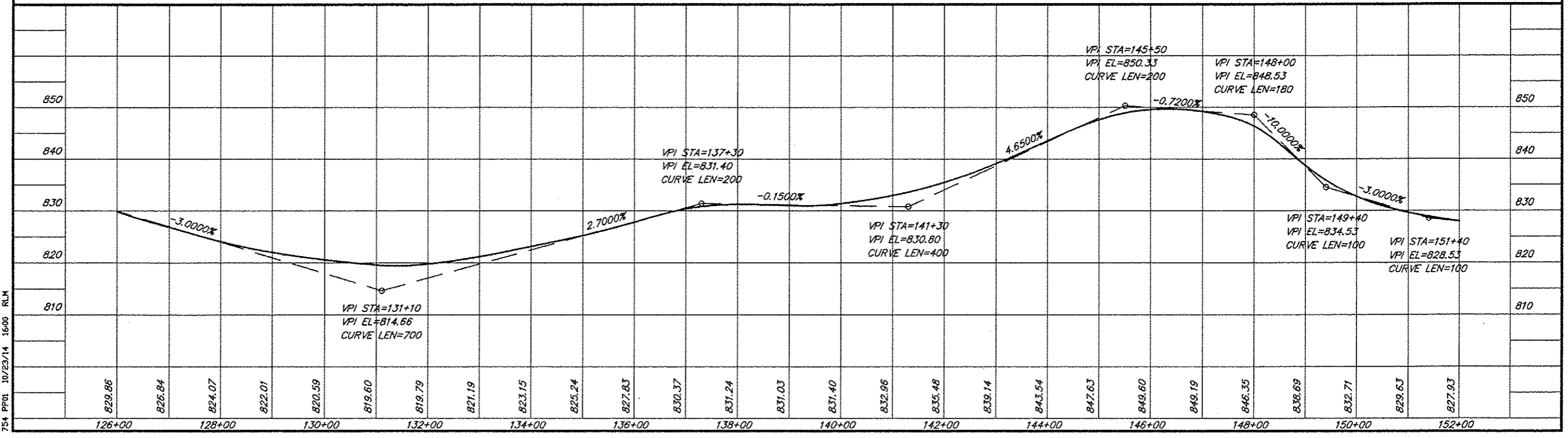
CURVE DATA
 $\Delta = 38^{\circ}11'00''$ $T = 180.56'$
 $D = 10^{\circ}58'59''$ $L = 347.65'$
 $R = 521.67'$ $E = 30.36'$
 $S.E. = 0.079'/Ft.$
 Attain Sta. 144+11 to Sta. 145+89
 Remove Sta. 148+16 to Sta. 149+94

CURVE DATA
 $\Delta = 2^{\circ}05'00''$ $T = 208.36'$
 $D = 0^{\circ}30'00''$ $L = 416.67'$
 $R = 11459.19'$ $E = 1.89'$
 Normal Crown



SCALES:
 1" = 200' HOR
 1" = 20' VER

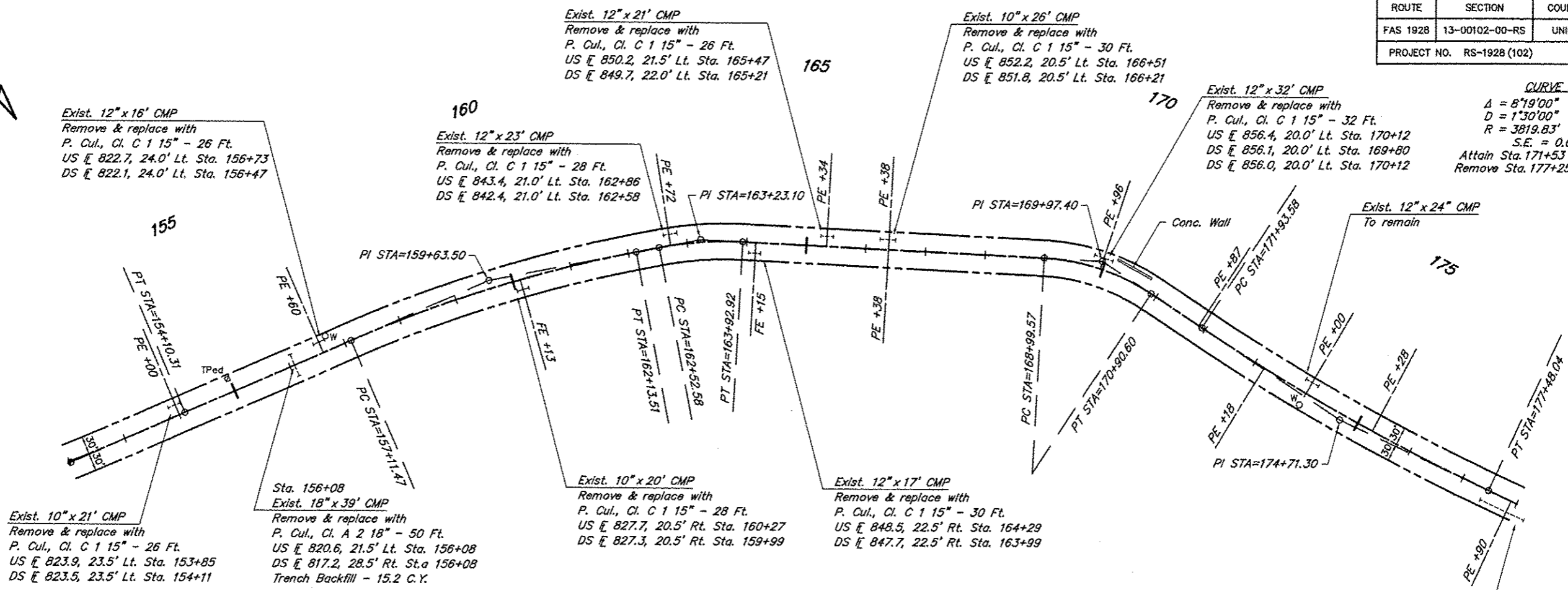
CURVE DATA
 $\Delta = 11^{\circ}27'00''$ $T = 574.42'$
 $D = 1^{\circ}00'00''$ $L = 1145.01'$
 $R = 5729.65'$ $E = 28.72'$
 $S.E. = 0.018'/Ft.$
 Attain Sta. 123+18 to Sta. 123+91
 Remove Sta. 134+82 to Sta. 135+55



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	7
PROJECT NO. RS-1928 (102)		CONTRACT NO. 99542		

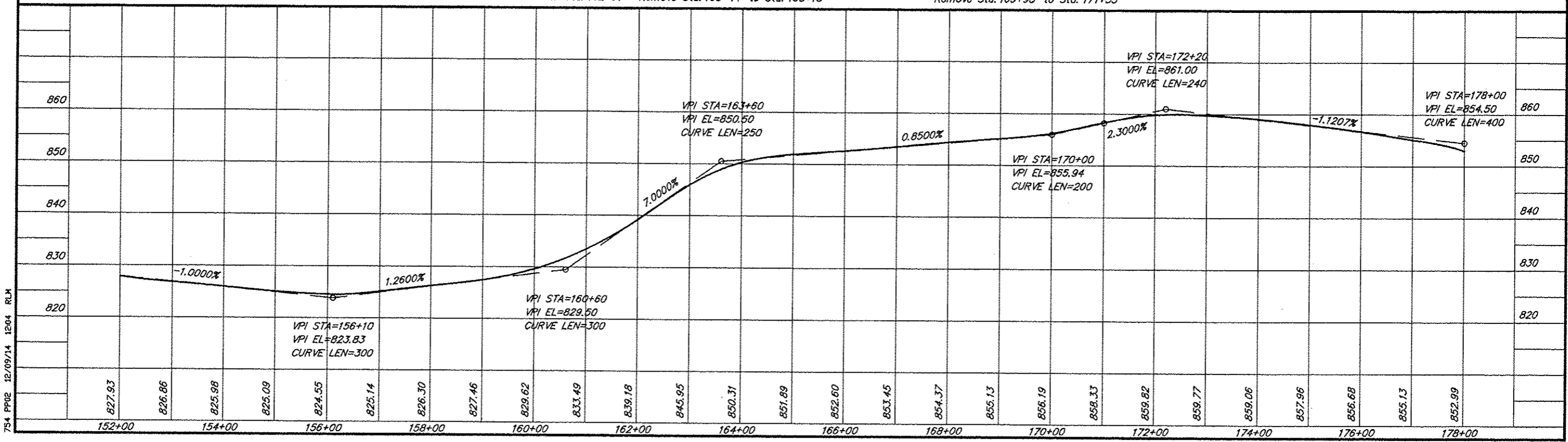
CURVE DATA

$\Delta = 8^{\circ}19'00''$ $T = 277.72'$
 $D = 1^{\circ}30'00''$ $L = 554.46'$
 $R = 3819.83'$ $E = 10.08'$
 $S.E. = 0.031'/ft.$
 Attain Sta. 171+53 to Sta. 172+54
 Remove Sta. 177+25 to Sta. 178+26



SCALES:
 1" = 200' HOR
 1" = 20' VER

<p>CURVE DATA</p> <p>$\Delta = 12^{\circ}33'00''$ $T = 252.03'$ $D = 2^{\circ}29'59''$ $L = 502.04'$ $R = 2292.01'$ $E = 13.81'$ $S.E. = 0.047'/ft.$ Attain Sta. 156+10 to Sta. 157+46 Remove Sta. 160+95 to Sta. 162+31</p>	<p>CURVE DATA</p> <p>$\Delta = 14^{\circ}01'00''$ $T = 70.52'$ $D = 9^{\circ}59'14''$ $L = 140.34'$ $R = 573.69'$ $E = 4.32'$ $S.E. = 0.077'/ft.$ Attain Sta. 162+31 to Sta. 163+23 Remove Sta. 163+44 to Sta. 165+18</p>	<p>CURVE DATA</p> <p>$\Delta = 30^{\circ}28'00''$ $T = 97.83'$ $D = 15^{\circ}56'53''$ $L = 191.04'$ $R = 359.26'$ $E = 13.08'$ $S.E. = 0.080'/ft.$ Attain Sta. 167+79 to Sta. 169+47 Remove Sta. 169+95 to Sta. 171+53</p>
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754 PP02 12/09/14 12:04 RLM



CURVE DATA
 $\Delta = 52^\circ 24' 00''$ $T = 157.27'$
 $D = 17^\circ 55' 34''$ $L = 292.31'$
 $R = 319.62'$ $E = 36.60'$
 $S.E. = 0.077'/ft.$
 Attain Sta. 178+89 to Sta. 180+43
 Remove Sta. 181+81 to Sta. 183+35

CURVE DATA
 $\Delta = 10^\circ 42' 00''$ $T = 22.52'$
 $D = 23^\circ 49' 30''$ $L = 44.91'$
 $R = 240.49'$ $E = 1.05'$
 $S.E. = 0.080'/ft.$
 Attain Sta. 185+71 to Sta. 186+06
 Remove Sta. 186+06 to Sta. 186+99

Sta. 188+15
 Exist. 15" x 39' CMP
 Remove & replace with
 P. Cul., Cl. A 1 18" - 46 Ft.
 US \bar{E} 821.8, 18.0' Rt. Sta. 188+15
 DS \bar{E} 818.1, 28.0' Lt. Sta. 188+15
 Trench Backfill - 8.5 C.Y.

CURVE DATA
 $\Delta = 12^\circ 21' 00''$ $T = 74.75'$
 $D = 8^\circ 17' 34''$ $L = 148.93'$
 $R = 690.91'$ $E = 4.03'$
 $S.E. = 0.054'/ft.$
 Attain Sta. 192+38 to Sta. 193+53
 Remove Sta. 194+42 to Sta. 195+57

CURVE DATA
 $\Delta = 3^\circ 17' 00''$ $T = 164.21'$
 $D = 1^\circ 00' 00''$ $L = 328.34'$
 $R = 5729.65'$ $E = 2.35'$
 Normal Crown

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	8
PROJECT NO. RS-1928(102)			CONTRACT NO. 99542	

Sta. 185+87
 Exist. 18" x 44' CMP
 Remove & replace with
 P. Cul., Cl. A 2 18" - 52 Ft.
 US \bar{E} 822.4, 17.5' Rt. Sta. 185+87
 DS \bar{E} 813.7, 34.5' Lt. Sta. 185+87
 Trench Backfill - 13.5 C.Y.

Sta. 185+27 - Sta. 186+79 Lt.
 Guardrail Removal - 50 Ft.
 SPBGR, Type A, 9 Ft. Posts - 50 Ft.
 Traf. Bar. Term., T1 (Sp.) Tan. - 2 Ea.

190
 Sta. 188+22 - Sta. 190+38 Lt.
 Guardrail Removal - 175 Ft.
 SPBGR, Type A, 9 Ft. Posts - 125 Ft.
 Traf. Bar. Term., T1 (Sp.) Tangent - 2 Ea.

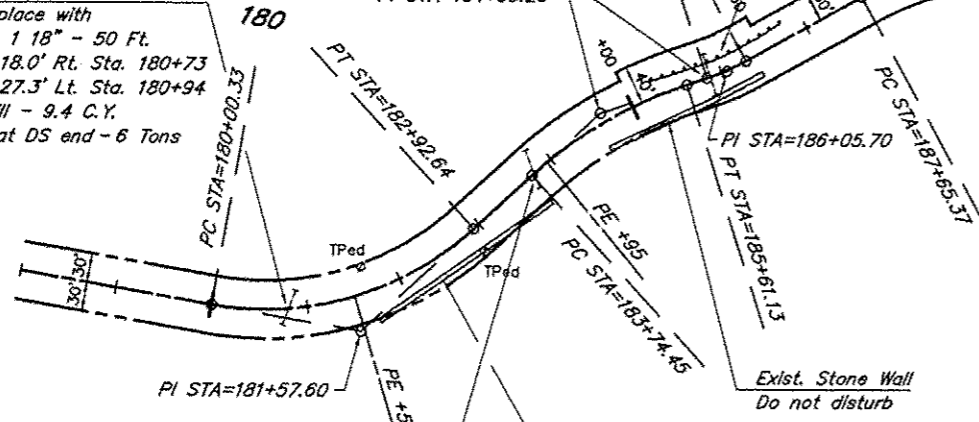
Sta. 198+00
 Exist. 15" x 43' CMP
 To remain

Sta. 180+81
 Exist. 12" x 38' CMP
 Remove & replace with
 P. Cul., Cl. A 1 18" - 50 Ft.
 US \bar{E} 840.4, 18.0' Rt. Sta. 180+73
 DS \bar{E} 833.4, 27.3' Lt. Sta. 180+94
 Trench Backfill - 9.4 C.Y.
 Place riprap at DS end - 6 Tons

PI STA=184+69.20

PI STA=189+36.90

PI STA=203+00



Sta. 183+77
 Exist. 15" x 42' CMP
 Remove & replace with
 P. Cul., Cl. A 1 18" - 46 Ft.
 US \bar{E} 827.3, 19.2' Rt. Sta. 183+71
 DS \bar{E} 825.7, 24.0' Lt. Sta. 183+86
 Trench Backfill - 9.0 C.Y.

CURVE DATA
 $\Delta = 24^\circ 13' 00''$ $T = 94.76'$
 $D = 12^\circ 58' 20''$ $L = 186.68'$
 $R = 441.68'$ $E = 10.05'$
 $S.E. = 0.068'/ft.$
 Attain Sta. 183+35 to Sta. 184+68
 Remove Sta. 184+68 to Sta. 185+71

CURVE DATA
 $\Delta = 49^\circ 56' 00''$ $T = 171.54'$
 $D = 15^\circ 33' 07''$ $L = 321.08'$
 $R = 368.42'$ $E = 37.98'$
 $S.E. = 0.074'/ft.$
 Attain Sta. 186+99 to Sta. 188+48
 Remove Sta. 190+45 to Sta. 191+94

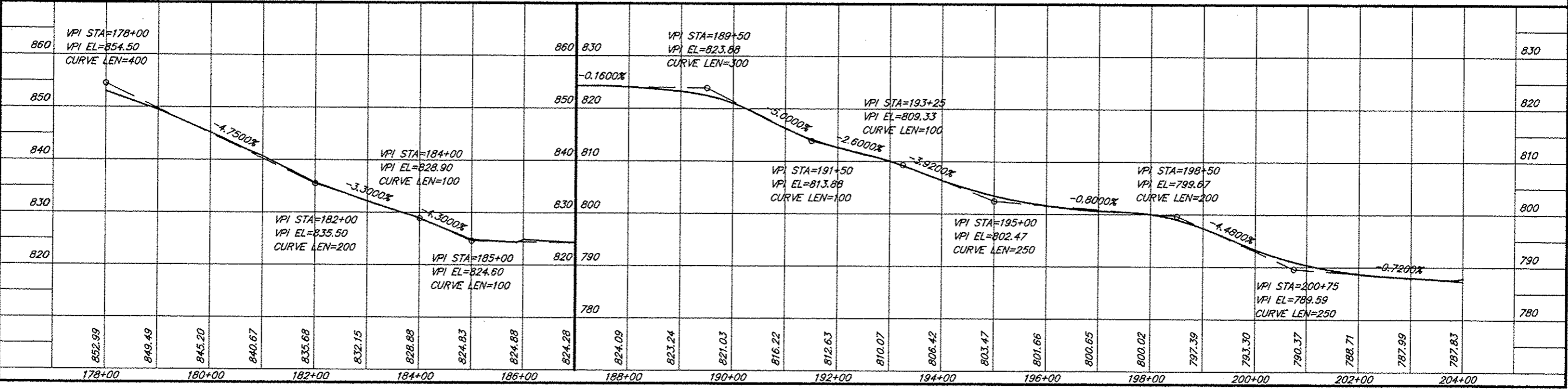
Exist. 15" x 39' CMP
 Remove & replace with
 P. Cul., Cl. C 1 15" - 36 Ft.
 US \bar{E} 787.4, 18.5' Rt. Sta. 202+98
 DS \bar{E} 787.2, 18.5' Rt. Sta. 203+34

Sta. 203+90
 Exist. 18" x 36' CMP
 Remove & replace with
 P. Cul., Cl. A 2 18" - 50 Ft.
 US \bar{E} 785.3, 18.0' Rt. Sta. 203+90
 DS \bar{E} 776.4, 32.0' Lt. Sta. 203+90
 Trench Backfill - 15.9 C.Y.

CURVE DATA
 $\Delta = 3^\circ 45' 00''$ $T = 187.57'$
 $D = 1^\circ 00' 00''$ $L = 375.00'$
 $R = 5729.65'$ $E = 3.07'$
 Normal Crown

SCALES:
 1" = 200' HOR
 1" = 20' VER

754 PP03 12/09/14 1202 RLM



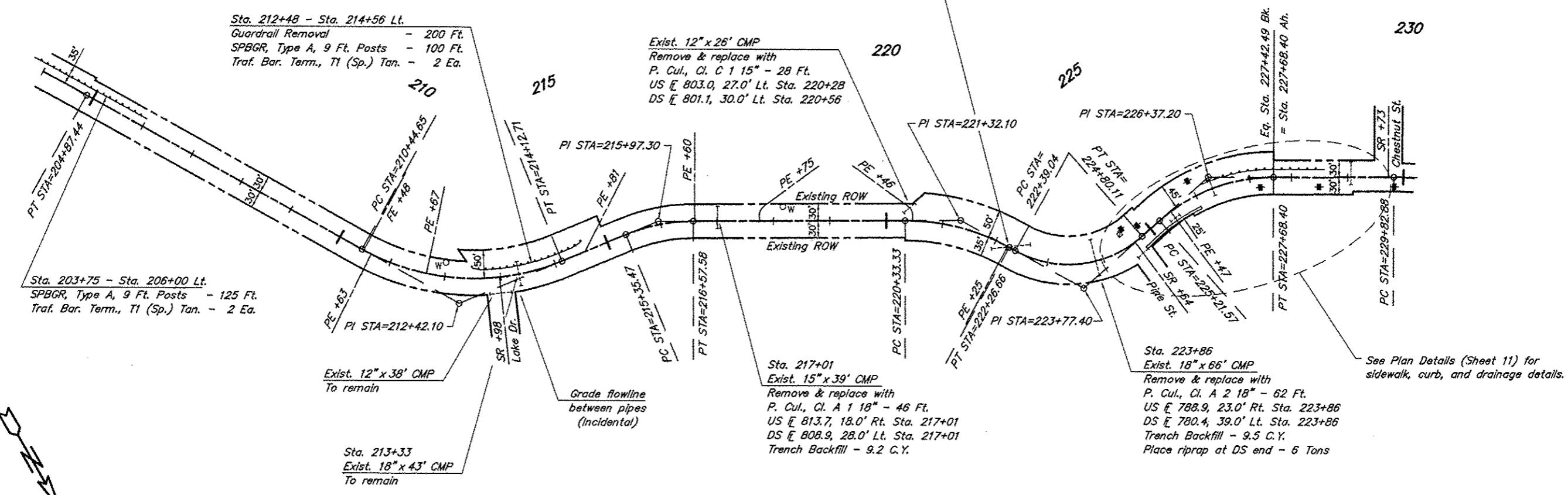
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	9
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

B.M.#1-Spike in PP
Lt. Sta. 215+27
Elev. 819.60

B.M.#2-Top of ROW Marker
Rt. Sta. 223+39
Elev. 795.72

CURVE DATA
 $\Delta = 51^{\circ}24'00''$ $T = 197.45'$
 $D = 13^{\circ}57'55''$ $L = 368.06'$
 $R = 410.28'$ $E = 45.04'$
 $S.E. = 0.070'/Ft.$
 Attain Sta. 209+42 to Sta. 210+84
 Remove Sta. 213+30 to Sta. 214+72

CURVE DATA
 $\Delta = 70^{\circ}20'00''$ $T = 138.36'$
 $D = 29^{\circ}10'31''$ $L = 241.07'$
 $R = 196.38'$ $E = 43.85'$
 $S.E. = 0.079'/Ft.$
 Attain Sta. 222+33 to Sta. 223+60
 Remove Sta. 223+60 to Sta. 225+00

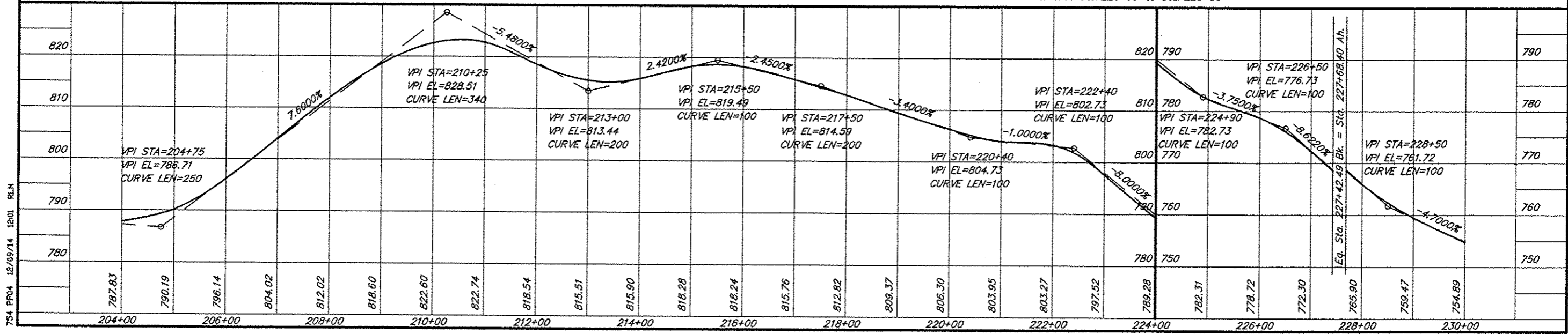


SCALES:
 1" = 200' HOR
 1" = 20' VER

CURVE DATA
 $\Delta = 22^{\circ}15'00''$ $T = 61.83'$
 $D = 18^{\circ}13'20''$ $L = 122.10'$
 $R = 314.43'$ $E = 6.02'$
 $S.E. = 0.077'/Ft.$
 Attain Sta. 214+72 to Sta. 215+97
 Remove Sta. 216+15 to Sta. 217+69

CURVE DATA
 $\Delta = 28^{\circ}55'00''$ $T = 98.77'$
 $D = 14^{\circ}57'26''$ $L = 193.33'$
 $R = 383.06'$ $E = 12.53'$
 $S.E. = 0.073'/Ft.$
 Attain Sta. 219+27 to Sta. 220+74
 Remove Sta. 221+30 to Sta. 222+33

CURVE DATA
 $\Delta = 41^{\circ}47'00''$ $T = 115.63'$
 $D = 18^{\circ}54'47''$ $L = 220.92'$
 $R = 302.94'$ $E = 21.32'$
 $S.E. = 0.078'/Ft.$
 Attain Sta. 225+00 to Sta. 226+32
 Remove Sta. 226+99 to Sta. 228+80



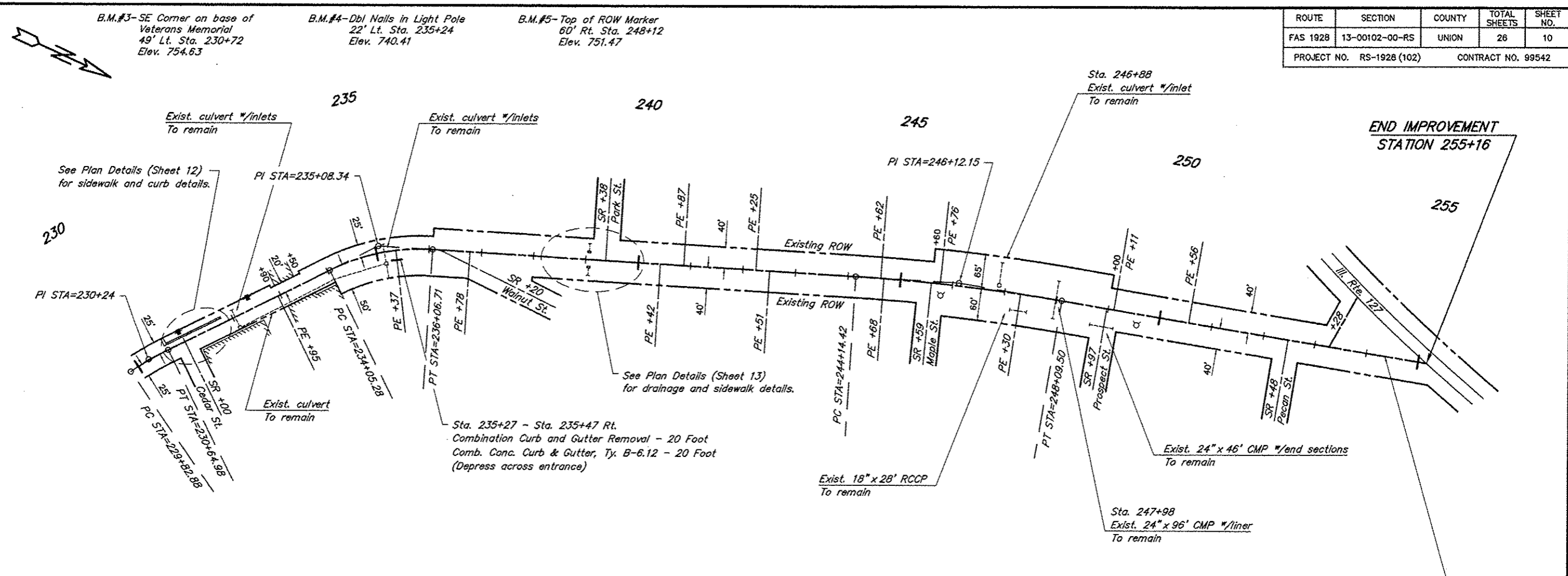
754 PPO4 12/09/14 12:01 RLM

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	10
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

B.M.#3-SE Corner on base of Veterans Memorial
49' Lt. Sta. 230+72
Elev. 754.63

B.M.#4-Dbt Nails in Light Pole
22' Lt. Sta. 235+24
Elev. 740.41

B.M.#5-Top of ROW Marker
60' Rt. Sta. 248+12
Elev. 751.47



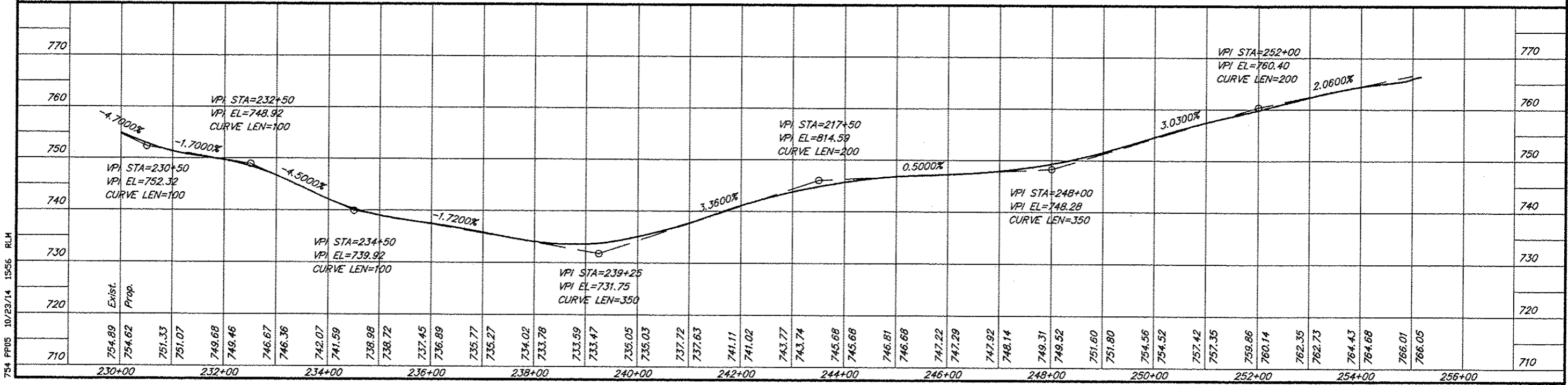
CURVE DATA
 $\Delta = 8^{\circ}12'00''$ $T = 41.12'$
 $D = 9^{\circ}59'14''$ $L = 82.10'$
 $R = 573.69'$ $E = 1.47'$
 $S.E. = 0.060'/ft.$
 Attain Sta. 228+91 to Sta. 230+16
 Remove Sta. 230+32 to Sta. 231+57

CURVE DATA
 $\Delta = 29^{\circ}52'25''$ $T = 103.06'$
 $D = 14^{\circ}49'49''$ $L = 201.43'$
 $R = 386.34'$ $E = 13.51'$
 $S.E. = 0.073'/ft.$
 Attain Sta. 232+99 to Sta. 234+46
 Remove Sta. 235+66 to Sta. 237+13

CURVE DATA
 $\Delta = 6^{\circ}09'12''$ $T = 197.73'$
 $D = 1^{\circ}33'27''$ $L = 395.08'$
 $R = 3678.75'$ $E = 5.31'$
 Normal Crown

SCALES:
 1" = 200' HOR
 1" = 20' VER

See Miscellaneous Details (Sheet 17) for intersection detail.



754 P05 10/23/14 1556 RLM

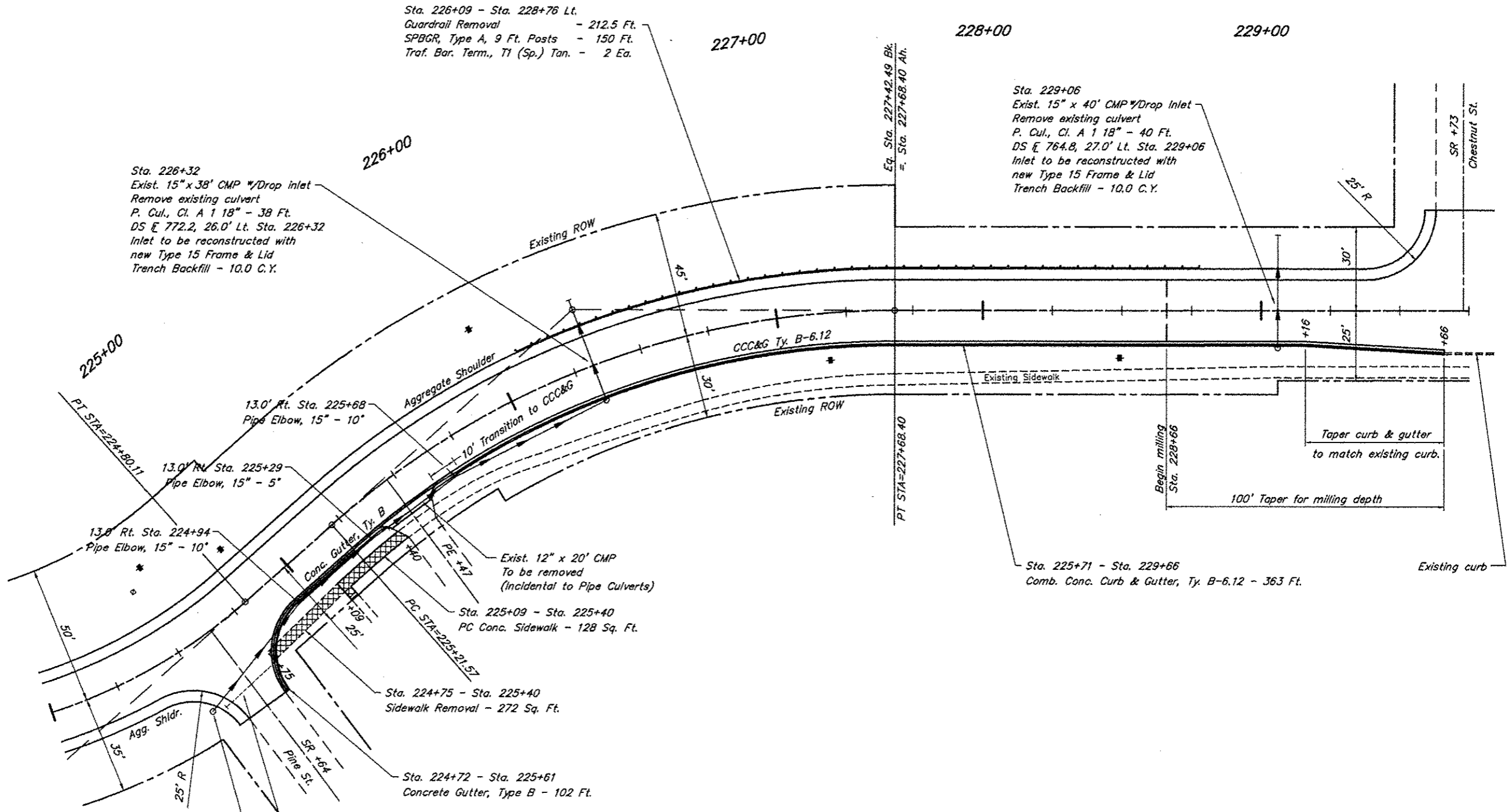
B.M.#2-Top of ROW Marker
Rt. Sta. 223+39
Elev. 795.72

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	11
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	



SCALE:
1" = 40' HOR

Sta. 226+09 - Sta. 228+76 Lt.
Guardrail Removal - 212.5 Ft.
SPBGR, Type A, 9 Ft. Posts - 150 Ft.
Traf. Bar. Term., T1 (Sp.) Tan. - 2 Ea.



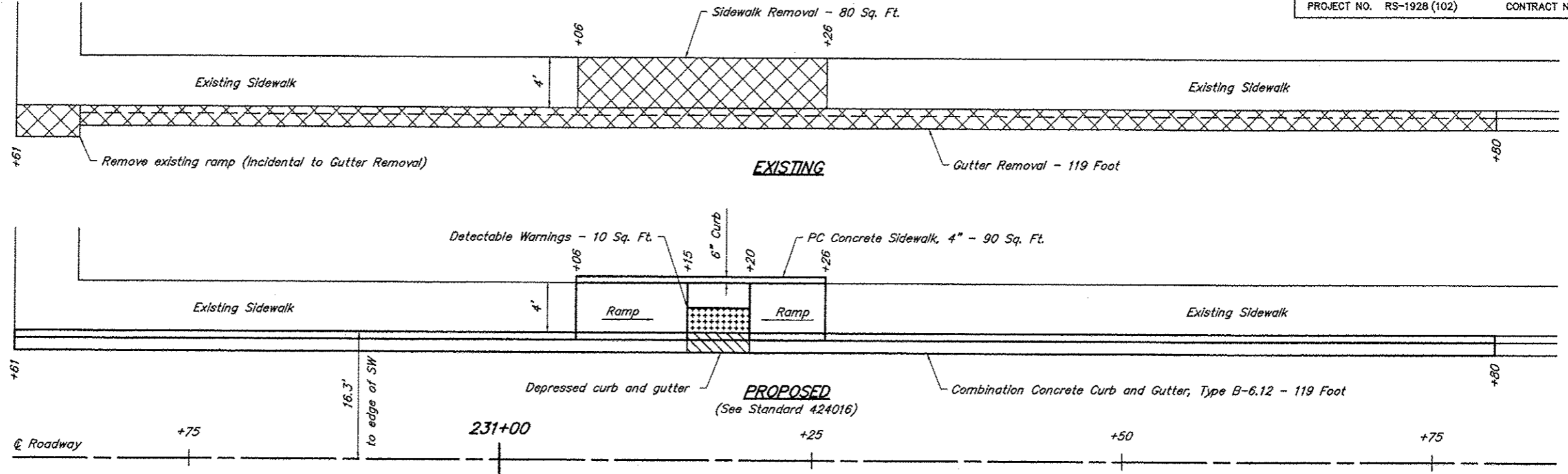
PLAN DETAILS
STA. 224+00 - STA. 229+75

PLAN DETAILS
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928 (102)
UNION COUNTY

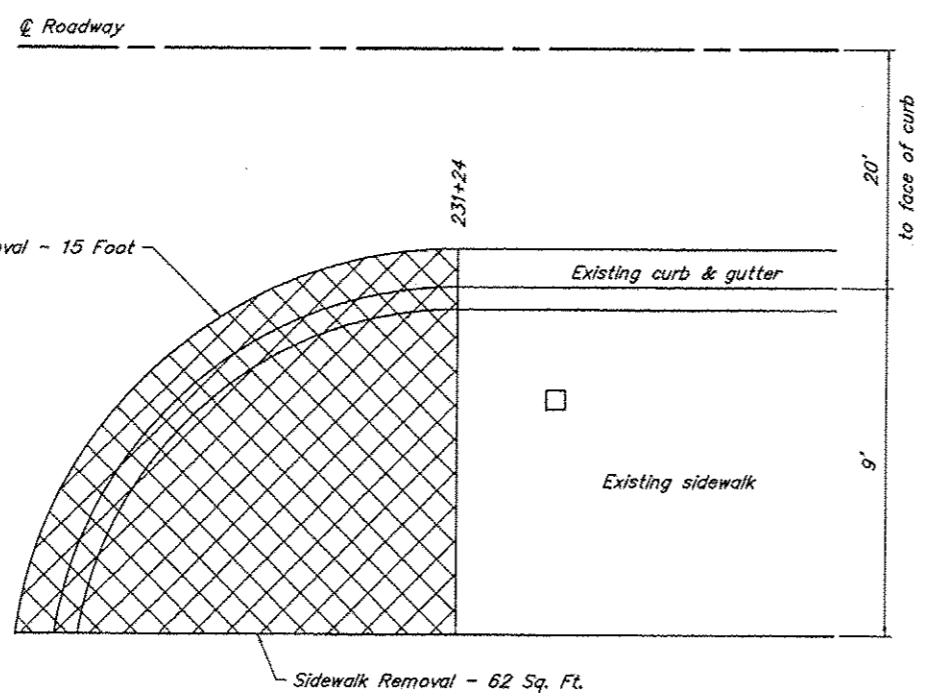
754 Plan Details 1 03/08/16 1422 RLM

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-R5	UNION	26	12
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

B.M. #2 - SE base of monument
49' Lt. Sta. 230+72
Elev. 754.63

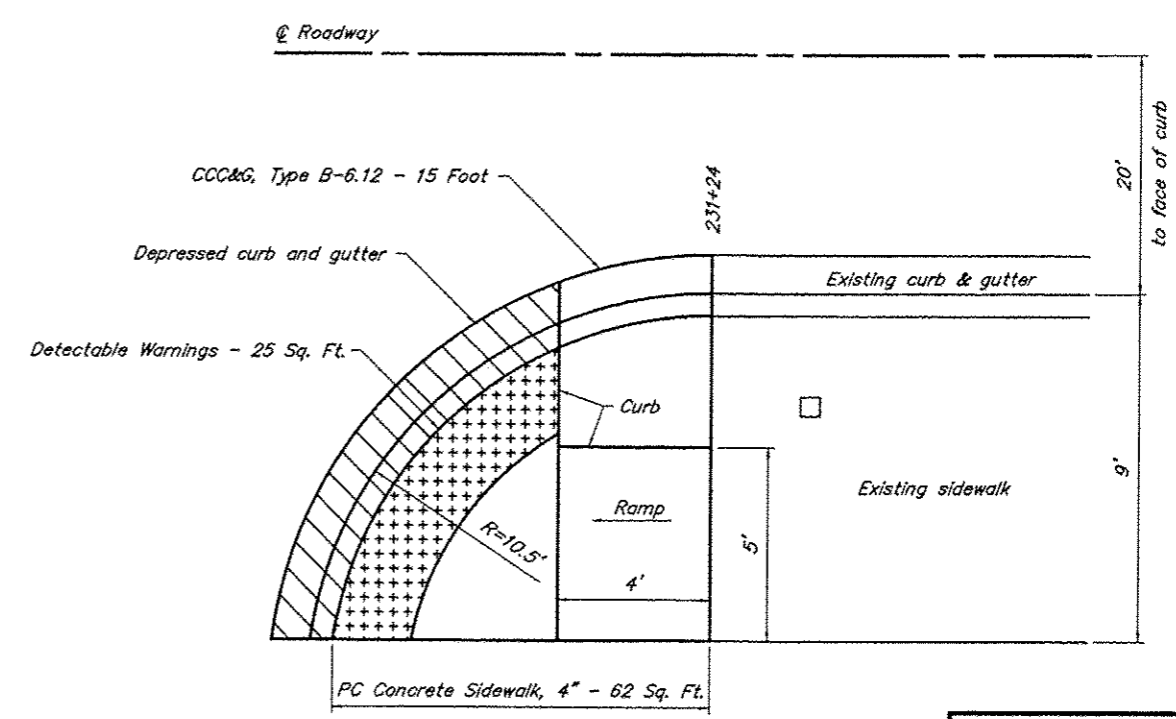


SIDEWALK RAMP - STA. 231+24 LEFT
SCALE: 1" = 10'



EXISTING

SIDEWALK RAMP - STA. 231+24 RIGHT
SCALE: 1" = 5'



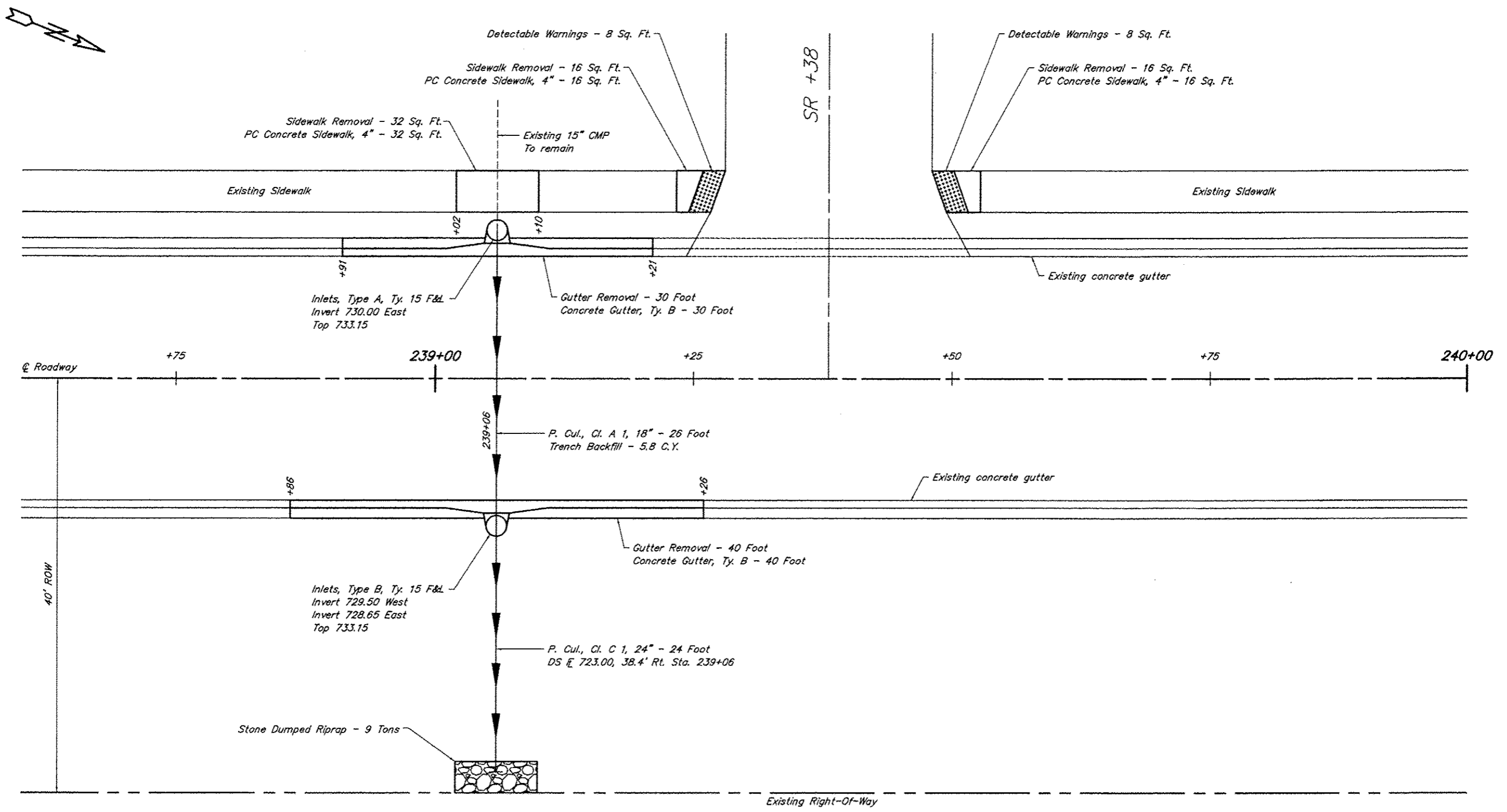
PROPOSED
(See Standard 424001)

PLAN DETAILS
FAS ROUTE 1928
SECTION 13-00102-00-R5
PROJECT NO. RS-1928 (102)
UNION COUNTY

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B.M. #4 - Dbl Nails in Light Pole
 22' Lt. Sta. 235+24
 Elev. 740.41

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	13
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	



DRAINAGE AND SIDEWALK DETAILS - STA. 239+06
 SCALE: 1" = 5'

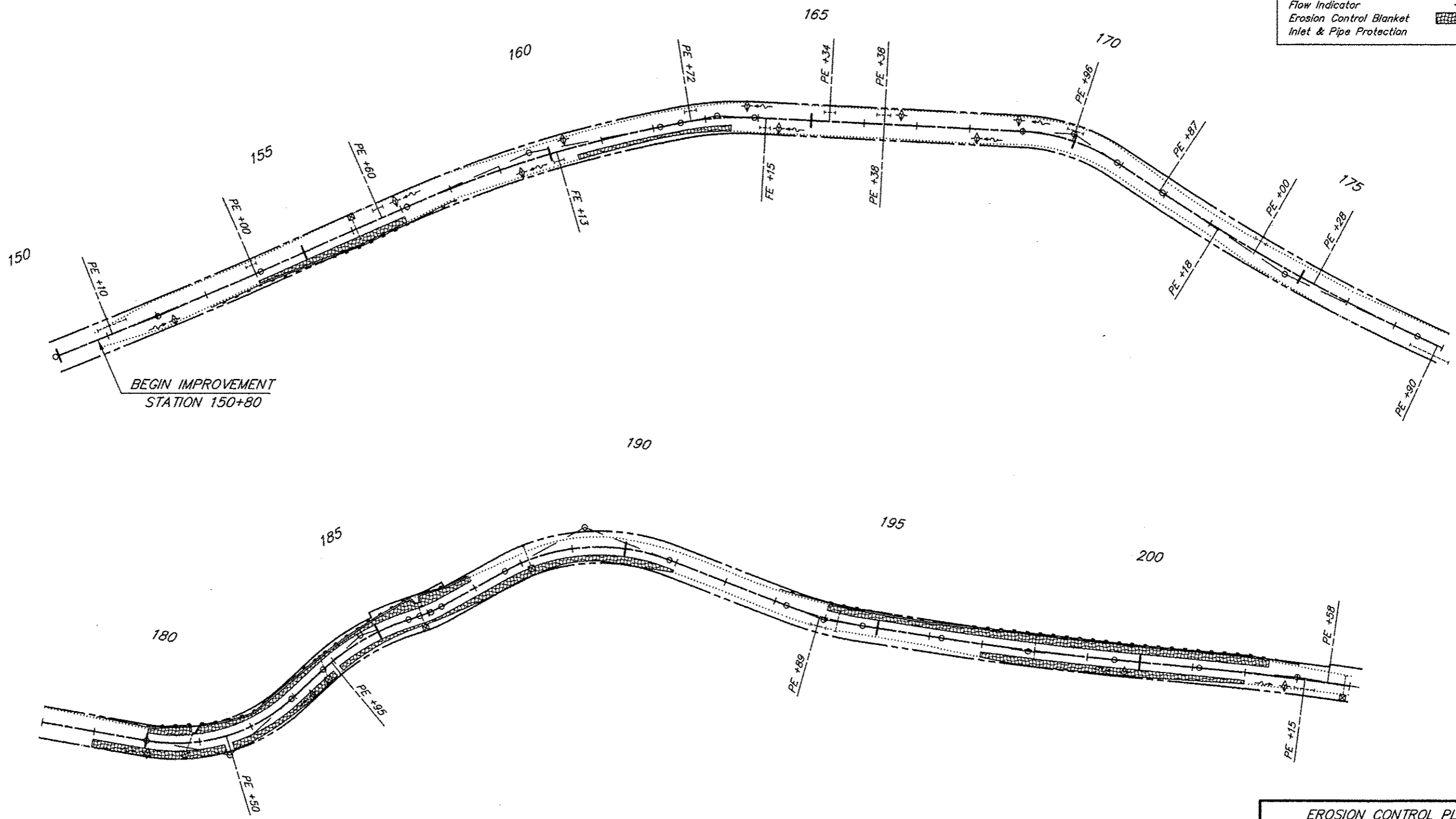
PLAN DETAILS
 FAS ROUTE 1928
 SECTION 13-00102-00-RS
 PROJECT NO. RS-1928 (102)
 UNION COUNTY

754 Plan Details 3 01/30/15 10:46 RLM

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	14
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

SCALE:
1" = 200' HOR

LEGEND	
Clearing & Grading Limits
Perimeter Erosion Barrier	-----
Temporary Ditch Check	⊕
Flow Indicator	~
Erosion Control Blanket	▨
Inlet & Pipe Protection	⊠

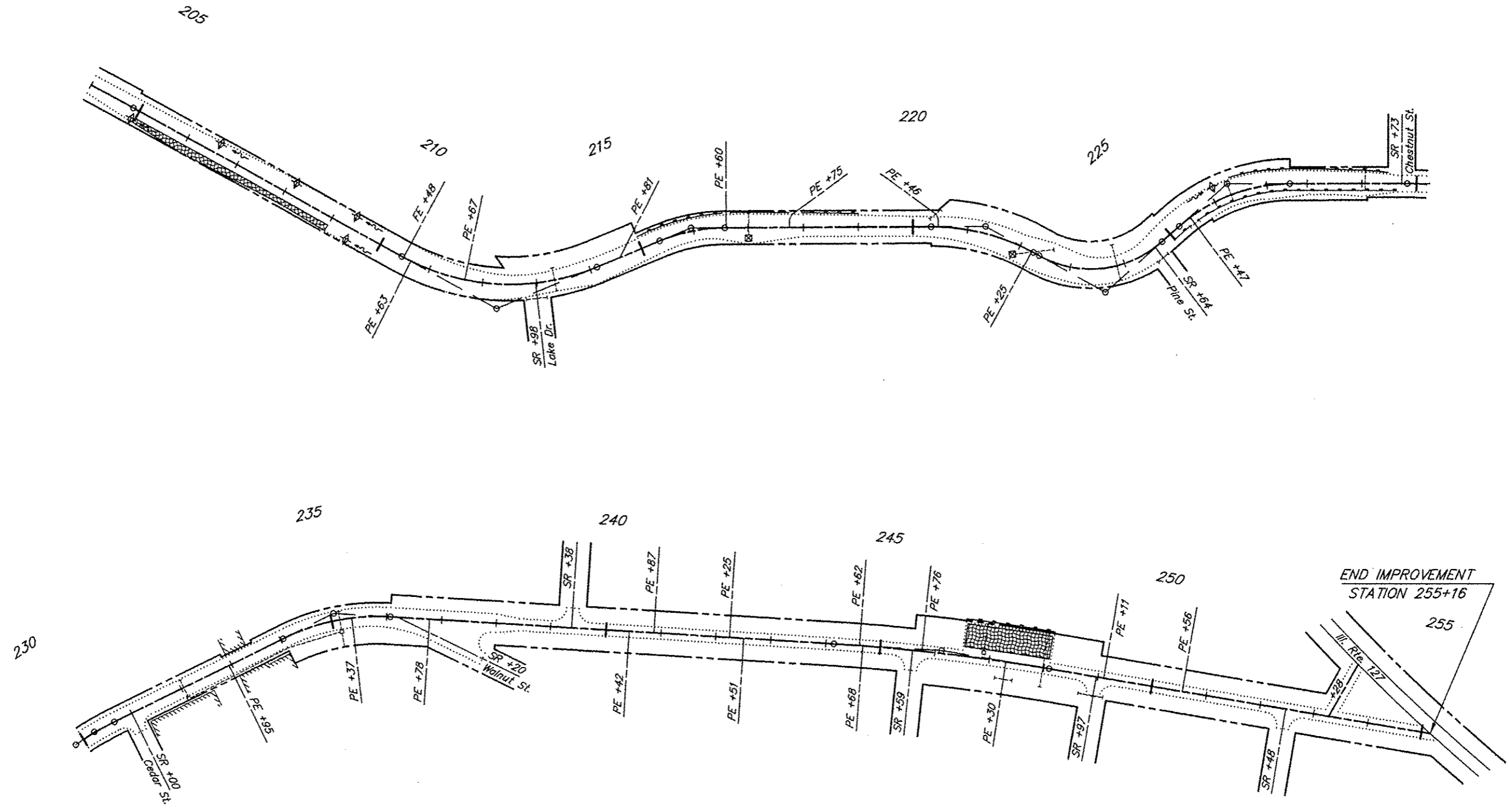


EROSION CONTROL PLAN
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928 (102)
UNION COUNTY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	16
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

SCALE:
1" = 200' HOR

LEGEND	
Clearing & Grading Limits
Perimeter Erosion Barrier	-----
Temporary Ditch Check	◆
Flow Indicator	~
Erosion Control Blanket	▨
Inlet & Pipe Protection	⊠



END IMPROVEMENT
STATION 255+16

EROSION CONTROL PLAN
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928 (102)
UNION COUNTY

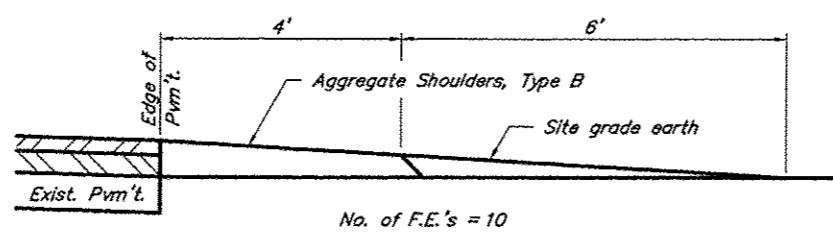
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	16
PROJECT NO. RS-1928(102)			CONTRACT NO. 89542	

Location	Width	Binder Tons	Surface Tons	Agg. Tons
Sta. 151+10 Lt. G	12'	6.1	1.1	3.6
Sta. 154+00 Lt. G	10'	4.3	1.0	2.5
Sta. 156+60 Lt. G	12'	3.2	1.1	2.1
Sta. 162+72 Lt. G	14'	3.4	1.2	2.4
Sta. 165+34 Lt. B	14'	4.3	2.1	-
Sta. 166+38 Lt. B	16'	3.7	2.2	-
Sta. 166+38 Rt. G	12'	6.1	1.1	3.6
Sta. 169+96 Lt. G	10'	3.0	1.0	1.9
Sta. 171+87 Lt. G	16'	3.7	1.2	2.6
Sta. 173+18 Rt. G	20'	11.0	1.4	6.9
Sta. 174+00 Lt. G	16'	6.2	1.2	3.9
Sta. 175+28 Lt. G	14'	6.5	1.2	3.9
Sta. 177+90 Rt. G	16'	3.7	1.2	2.6
Sta. 181+50 Rt. G	12'	4.6	1.1	2.8
Sta. 183+95 Rt. G	13'	5.2	1.1	3.2
Sta. 193+89 Rt. B	11'	5.9	1.9	-
Sta. 203+15 Rt. G	20'	4.1	1.4	3.0
Sta. 203+58 Lt. B	10'	7.6	1.8	-
Sta. 210+63 Rt. B	15'	3.5	2.2	-
Sta. 211+67 Lt. G	13'	7.8	1.1	4.5
Sta. 214+81 Lt. G	16'	9.6	1.9	6.0
Sta. 216+60 Lt. B	14'	7.0	2.1	-
Sta. 217+75 Lt. B	20'	11.7	2.7	-
Sta. 220+46 Lt. B	12'	3.2	1.9	-
Sta. 222+25 Rt. G	10'	5.3	1.0	3.0
Sta. 225+47 Rt. G	12'	4.6	1.1	2.8
Sta. 229+48 Rt. B	10'	4.1	1.8	-
Sta. 232+95 Rt. B	13'	-	-	-
Sta. 235+37 Rt. G	10'	-	-	-
Sta. 236+78 Rt. G	12'	-	-	-
Sta. 240+42 Rt. G	15'	3.6	1.2	2.5
Sta. 240+87 Lt. G	24'	4.6	1.5	3.5
Sta. 242+25 Lt. B	24'	4.5	2.9	-
Sta. 244+62 Lt. G	24'	4.6	1.5	3.5
Sta. 244+68 Rt. G	14'	3.4	1.2	2.4
Sta. 245+76 Lt. G	20'	4.1	1.4	3.0
Sta. 247+30 Rt. G	18'	3.9	1.3	2.8
Sta. 249+11 Lt. G	18'	3.9	1.3	2.8
Sta. 250+56 Lt. B	108'	13.6	10.0	-
Sta. 254+50 Rt. G	12'	3.2	1.1	2.1
Totals		198.8	63.5	83.9

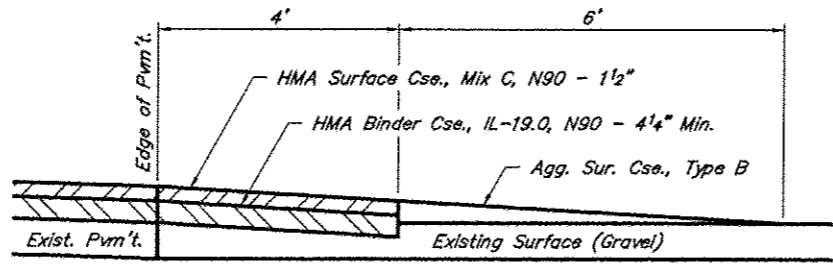
B = Bituminous Surface
G = Gravel Surface

NOTE: Where HMA material is to be placed, the existing surface shall be primed as elsewhere specified.

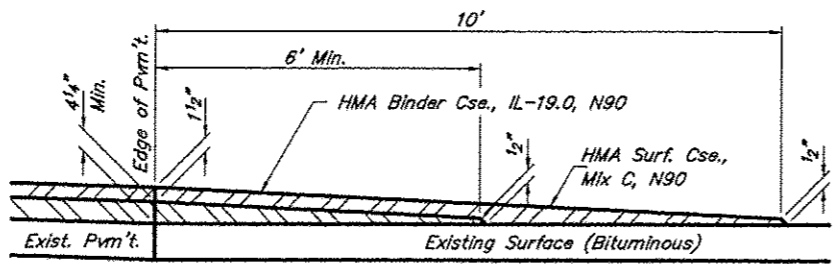
NOTE: Entrances between Sta. 230+00 & Sta. 240+00 have no quantities due to matching the existing gutter.



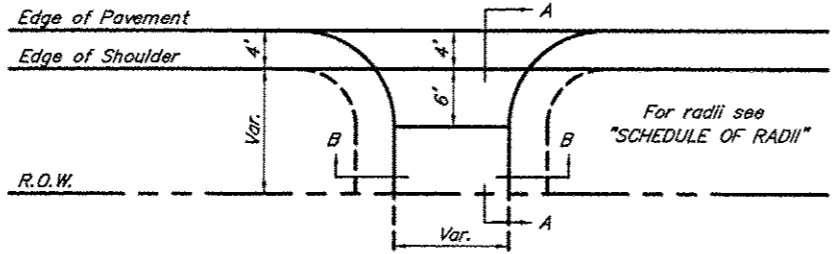
No. of F.E.'s = 10
SECTION A-A FIELD ENTRANCE
See plans for locations.



SECTION A-A PRIVATE ENTRANCE - GRAVEL



SECTION A-A PRIVATE ENTRANCE - BITUMINOUS

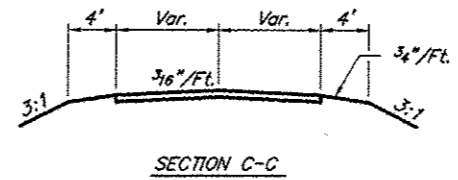


TYPICAL ENTRANCE DETAILS

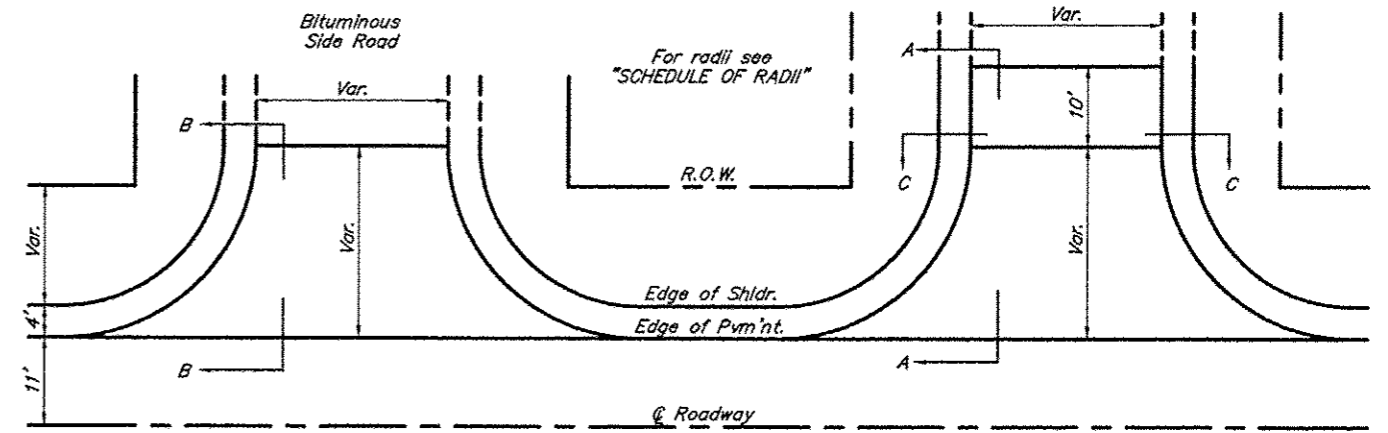
Location	Width	Binder Tons	Surface Tons	Agg. Tons
Sta. 212+98 Rt. B	17'	9.7	6.2	-
Sta. 224+64 Rt. B	16'	14.5	6.1	-
Sta. 229+73 Lt. B	28'	16.1	8.6	-
Sta. 231+00 Rt. B	26'	12.2	8.0	-
Sta. 236+20 Rt. B	20'	30.9	19.8	-
Sta. 239+38 Lt. B	20'	10.6	6.8	-
Sta. 245+59 Rt. B	16'	9.8	6.2	-
Sta. 248+97 Rt. B	20'	11.0	7.0	-
Sta. 252+48 Rt. B	16'	9.7	6.0	-
Sta. 253+28 Lt. B	22'	80.2	28.3	-
Totals		204.7	103.0	-

B = Bituminous Surface
G = Gravel Surface

NOTE: Where HMA material is to be placed, the existing surface shall be primed as elsewhere specified.



SECTION C-C

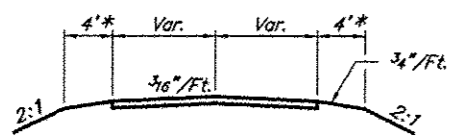


TYPICAL SIDE ROAD DETAILS

Angle of Intersection	Side Road		Private Entrance	
	Acute L.	Obtuse L.	Acute L.	Obtuse L.
90° - 80°	25'	25'	15'	15'
79° - 70°	25'	40'	15'	25'
69° - 60°	25'	60'	15'	35'
59° - 50°	20'	75'	10'	40'
49° - 40°	20'	100'	10'	60'
39° - 30°	15'	150'	10'	100'

ENTRANCE & SIDE ROAD DETAILS
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928(102)
UNION COUNTY

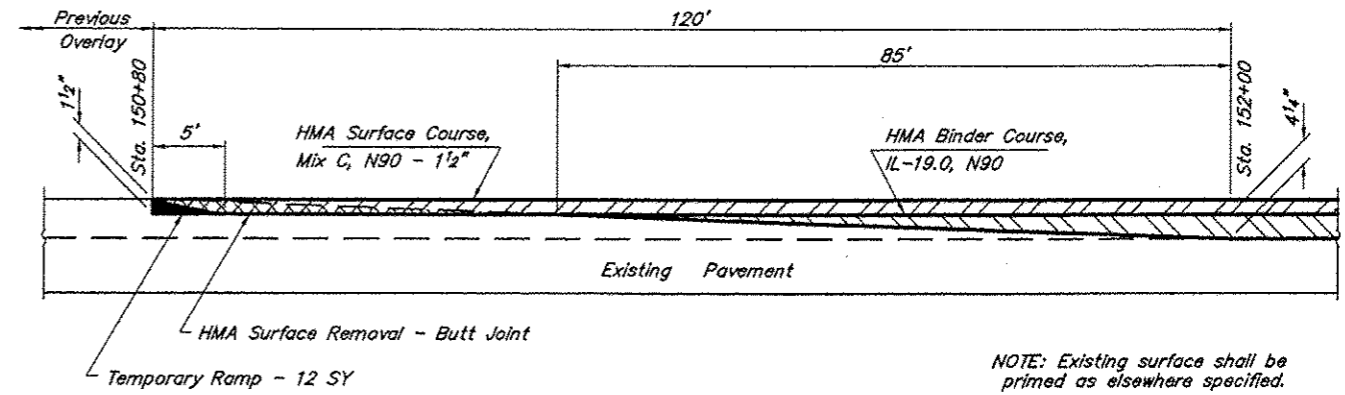
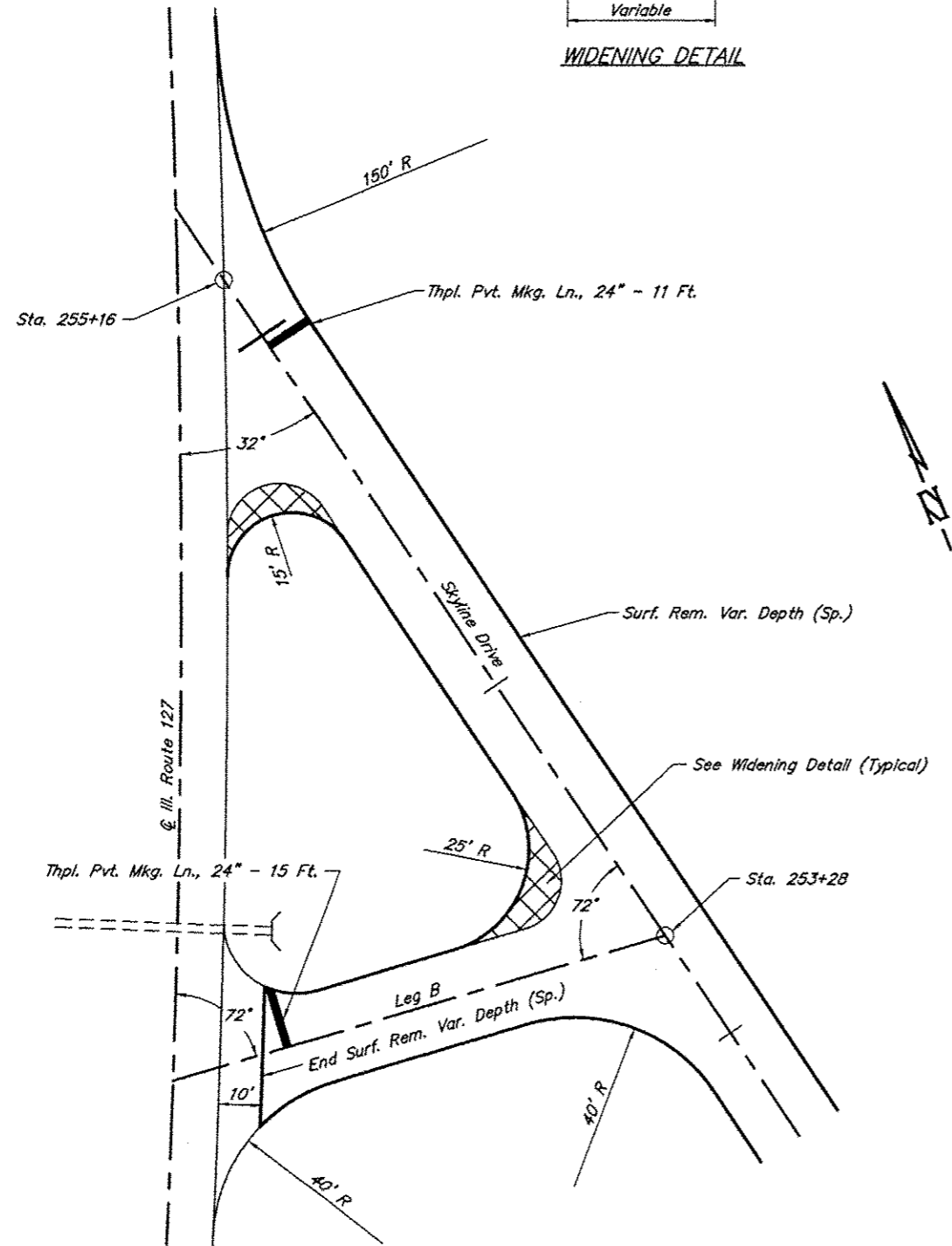
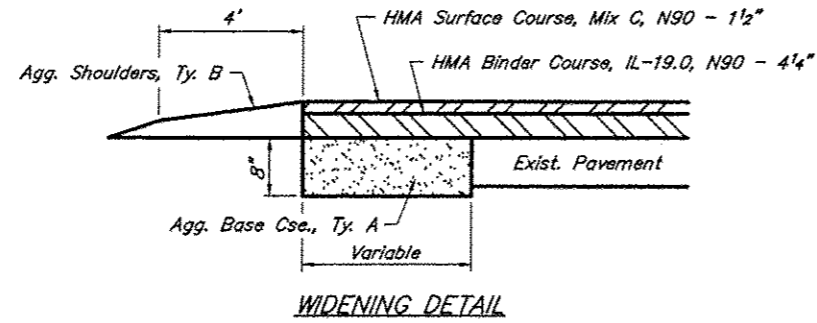
754 Entrance 10/23/14 15x18 RLM



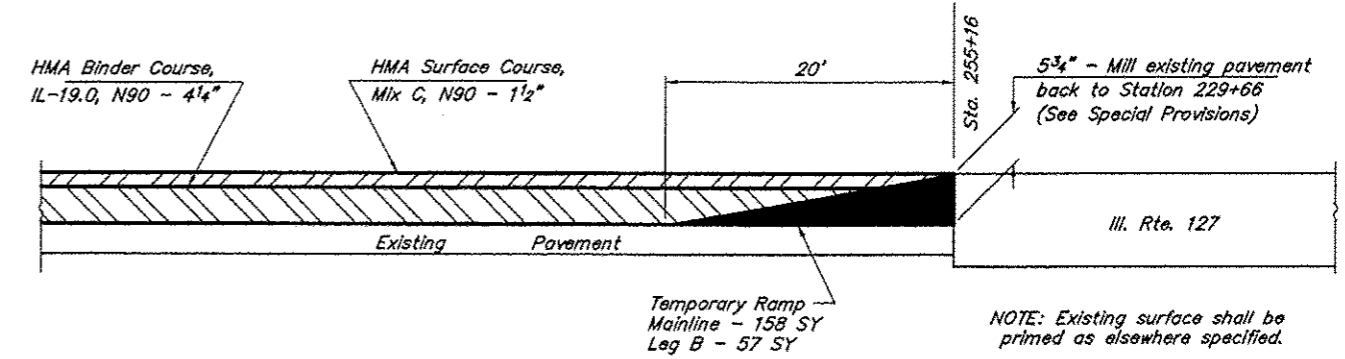
SECTION B-B

* Reconstruct entrance with 4' shoulders when new ditch culvert is constructed.

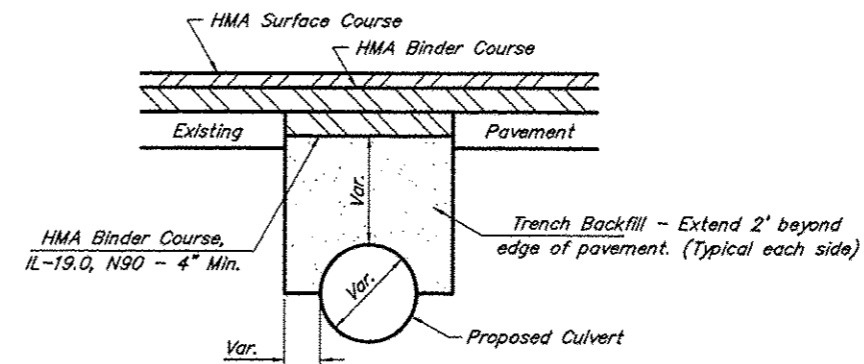
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	17
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	



NOTE: Existing surface shall be primed as elsewhere specified.

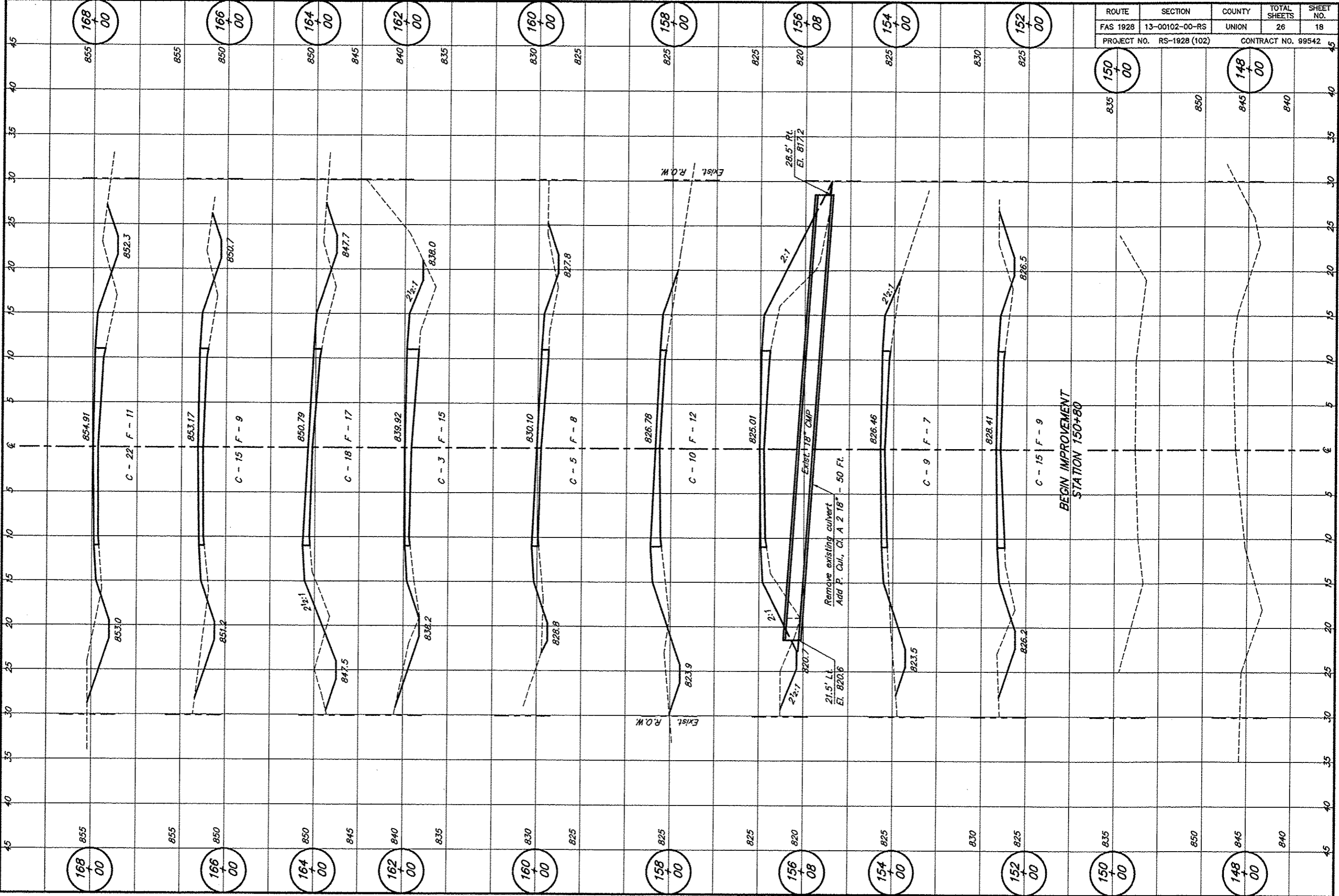


NOTE: Existing surface shall be primed as elsewhere specified.



NOTE: See plans for locations, culvert sizes & quantities.

MISCELLANEOUS DETAILS
FAS ROUTE 1928
SECTION 13-00102-00-RS
PROJECT NO. RS-1928 (102)
UNION COUNTY



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	18
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

168
+
00

166
+
00

164
+
00

162
+
00

160
+
00

158
+
00

156
+
08

154
+
00

152
+
00

150
+
00

148
+
00

168
+
00

166
+
00

164
+
00

162
+
00

160
+
00

158
+
00

156
+
08

154
+
00

152
+
00

150
+
00

148
+
00

BEGIN IMPROVEMENT
STATION 150+80

Remove existing culvert
Add P. Cul. Cl. A 2 18" - 50 Ft.

21.5' Lt.
El. 820.6

Exist. 18" CMP

EXIST. R.O.W.

EXIST. R.O.W.

C - 22 F - 11

C - 15 F - 9

C - 18 F - 17

C - 3 F - 15

C - 5 F - 8

C - 10 F - 12

C - 9 F - 7

C - 15 F - 9

854.91

853.17

850.79

839.92

830.10

826.78

825.01

826.46

828.41

853.0

851.2

847.5

838.2

828.9

823.9

820.7

823.5

826.2

852.3

850.7

847.7

838.0

827.8

28.5' Rt.
El. 817.2

855

855

850

850

845

840

835

830

825

830

825

835

855

855

850

850

845

840

835

830

825

830

825

835

855

855

850

850

845

840

835

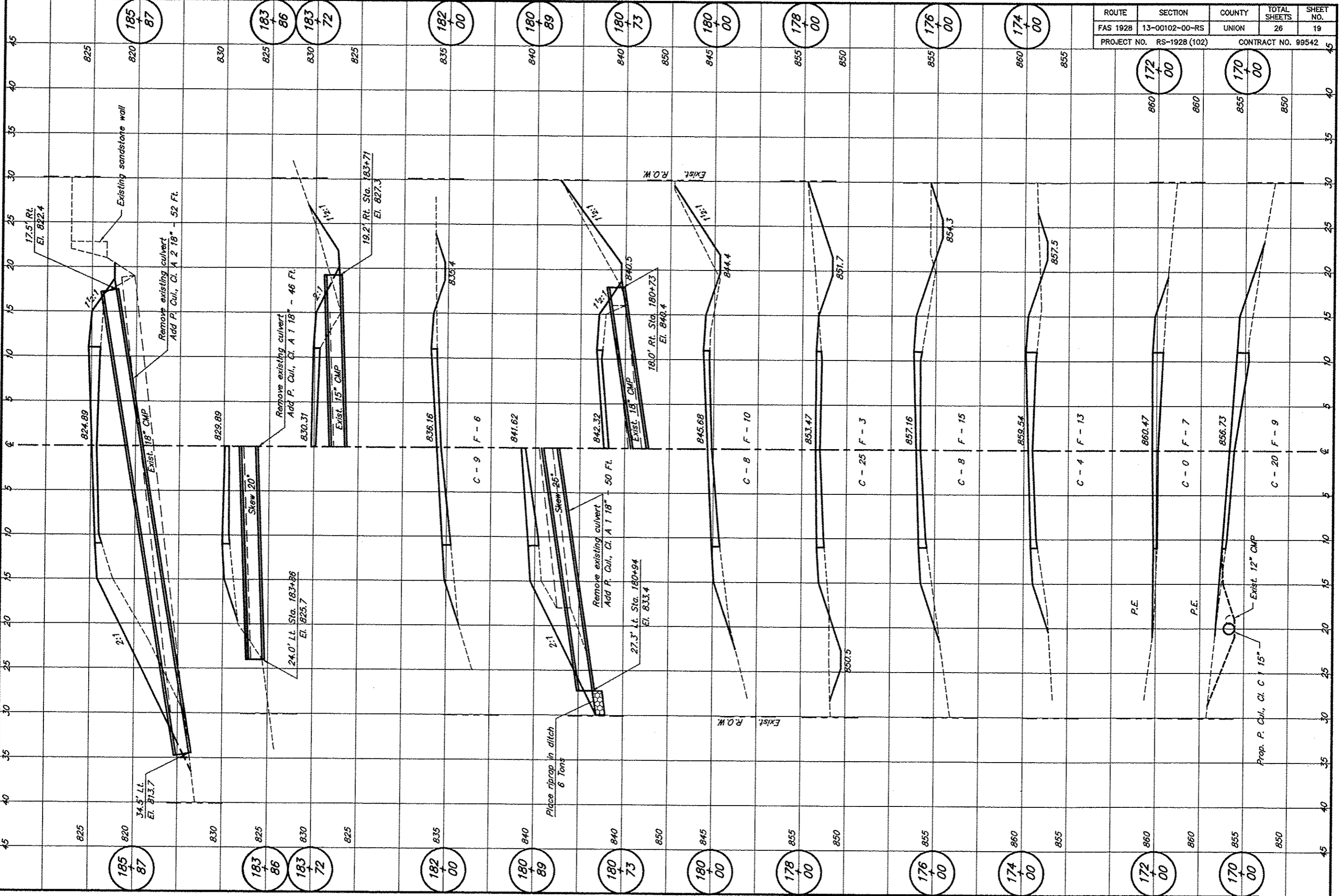
830

825

830

825

835



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	19
PROJECT NO. RS-1928 (102)		CONTRACT NO. 99542		

185
87

183
86

183
72

182
00

180
89

180
73

180
00

178
00

176
00

174
00

172
00

170
00

185
87

183
86

183
72

182
00

180
89

180
73

180
00

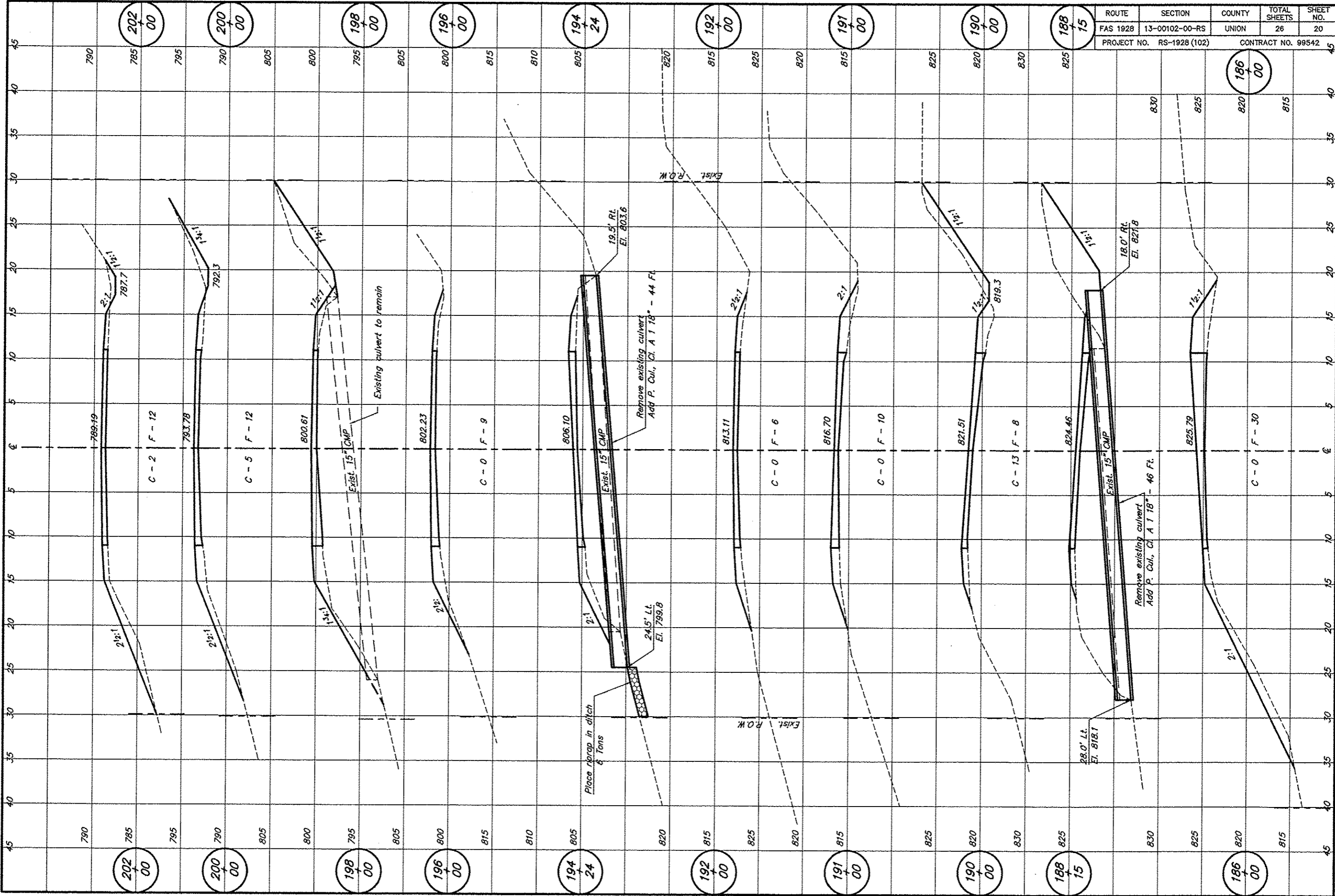
178
00

176
00

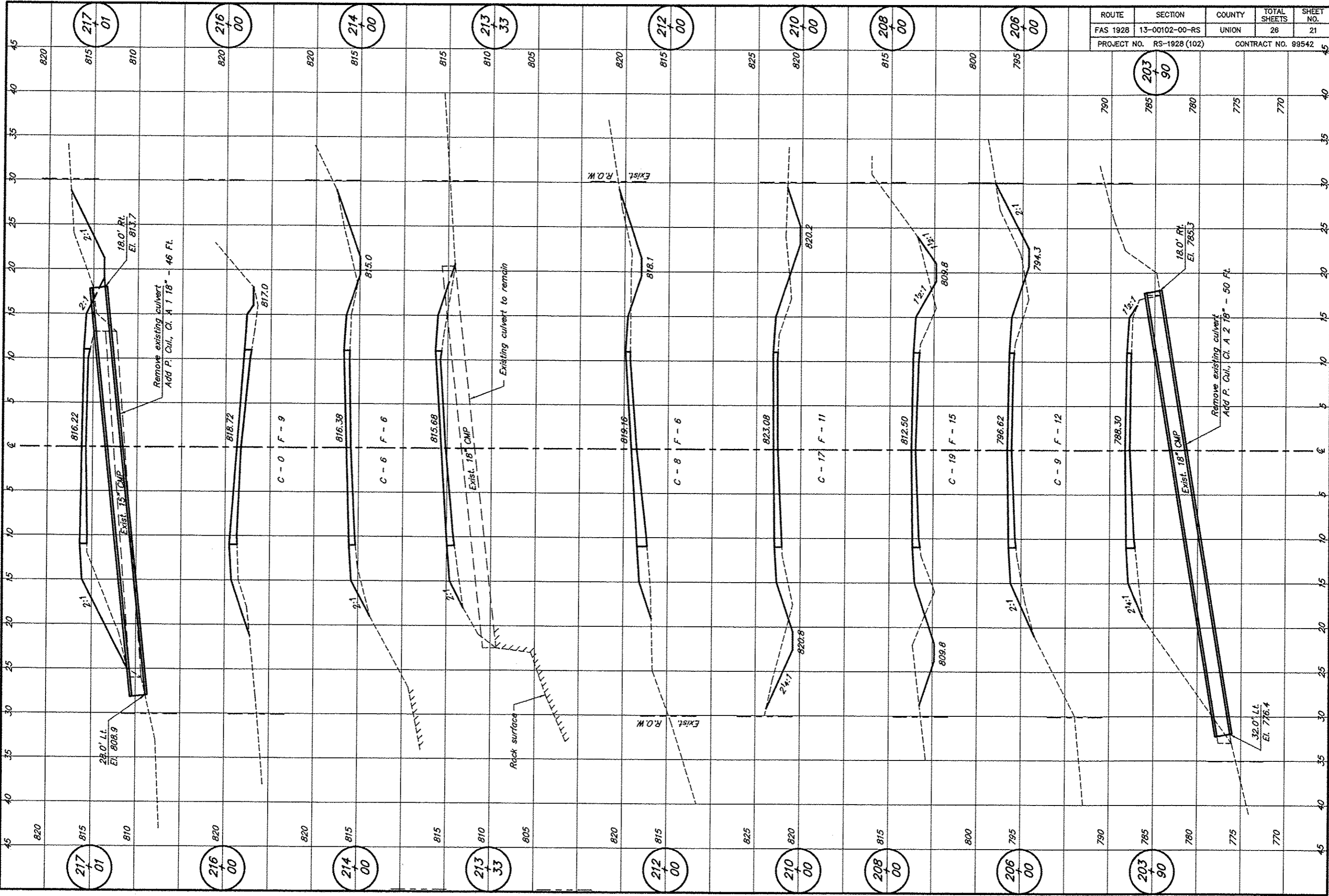
174
00

172
00

170
00



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	20
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	21
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

217
01

216
00

214
00

213
33

212
00

210
00

208
00

206
00

203
90

217
01

216
00

214
00

213
33

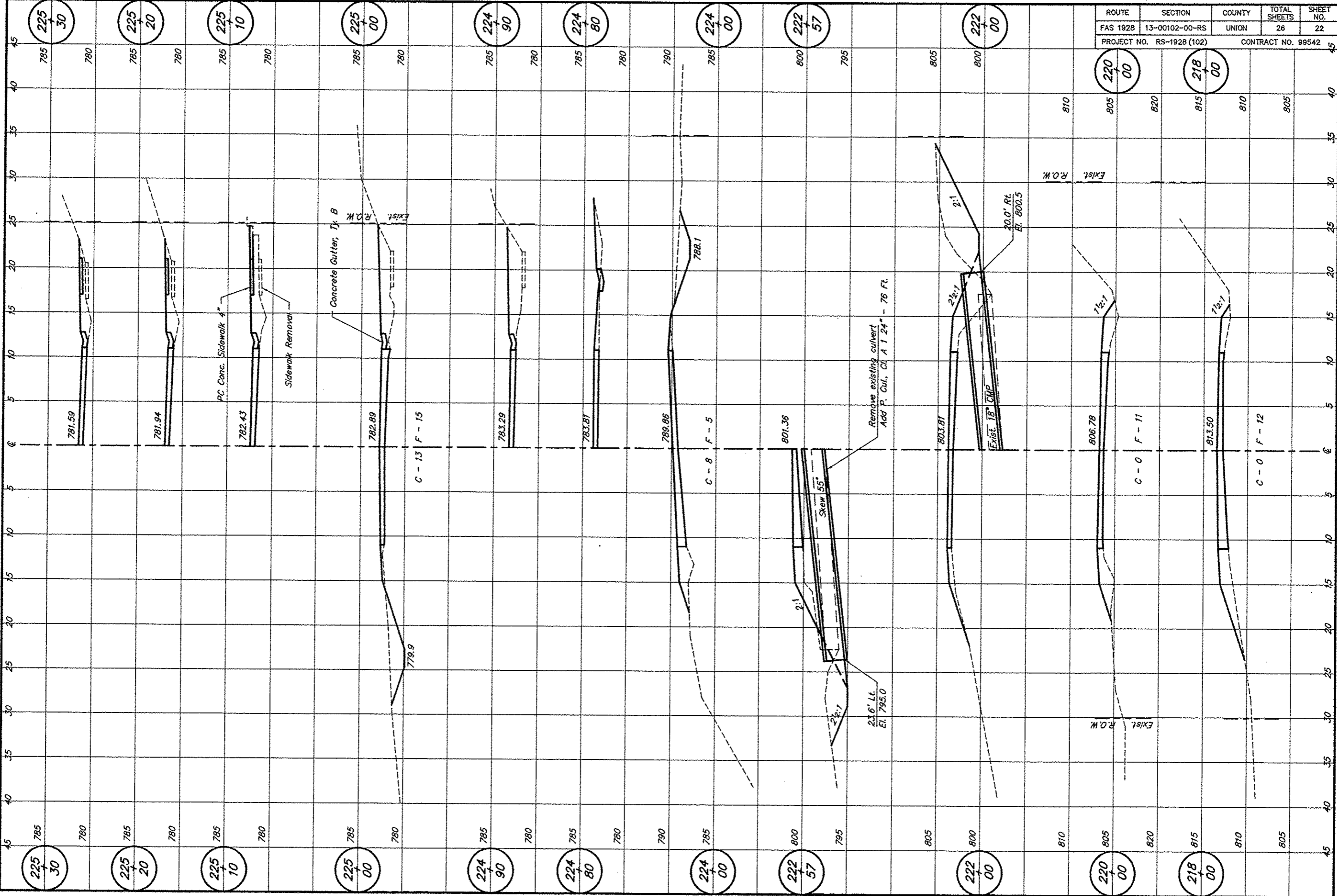
212
00

210
00

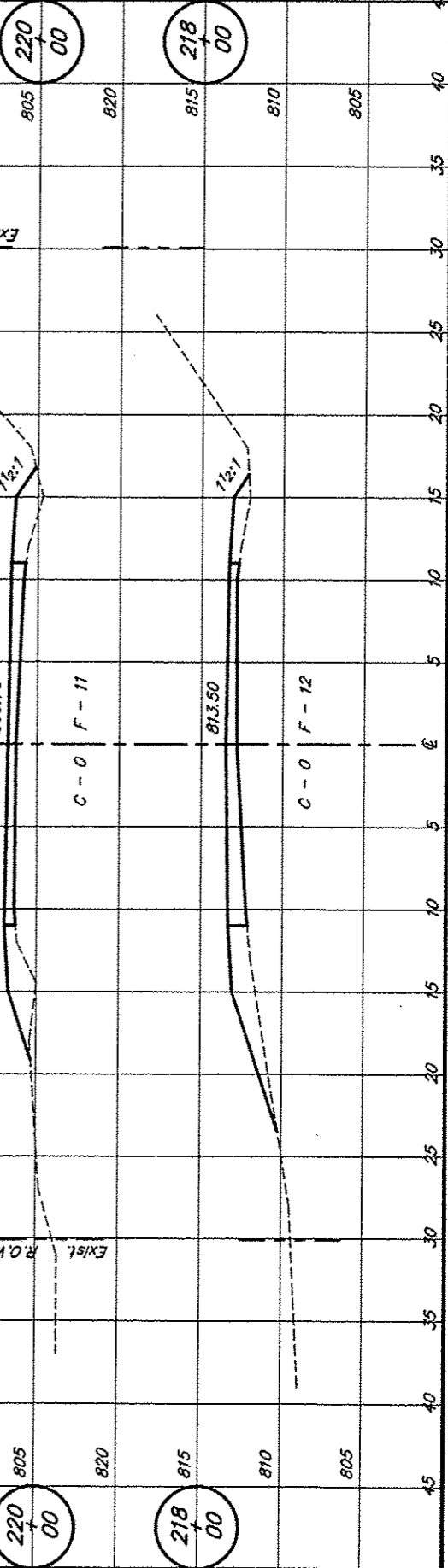
208
00

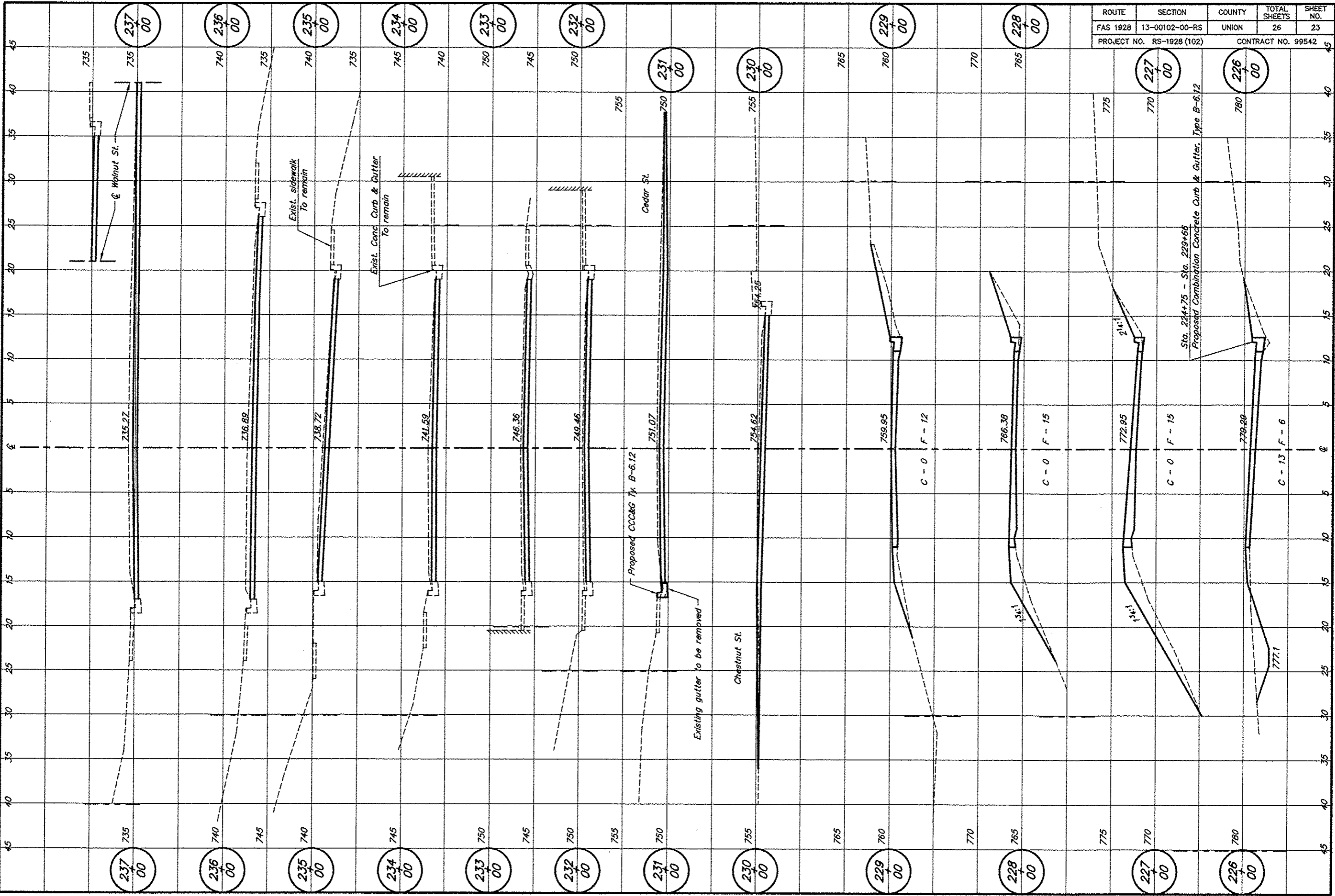
206
00

203
90



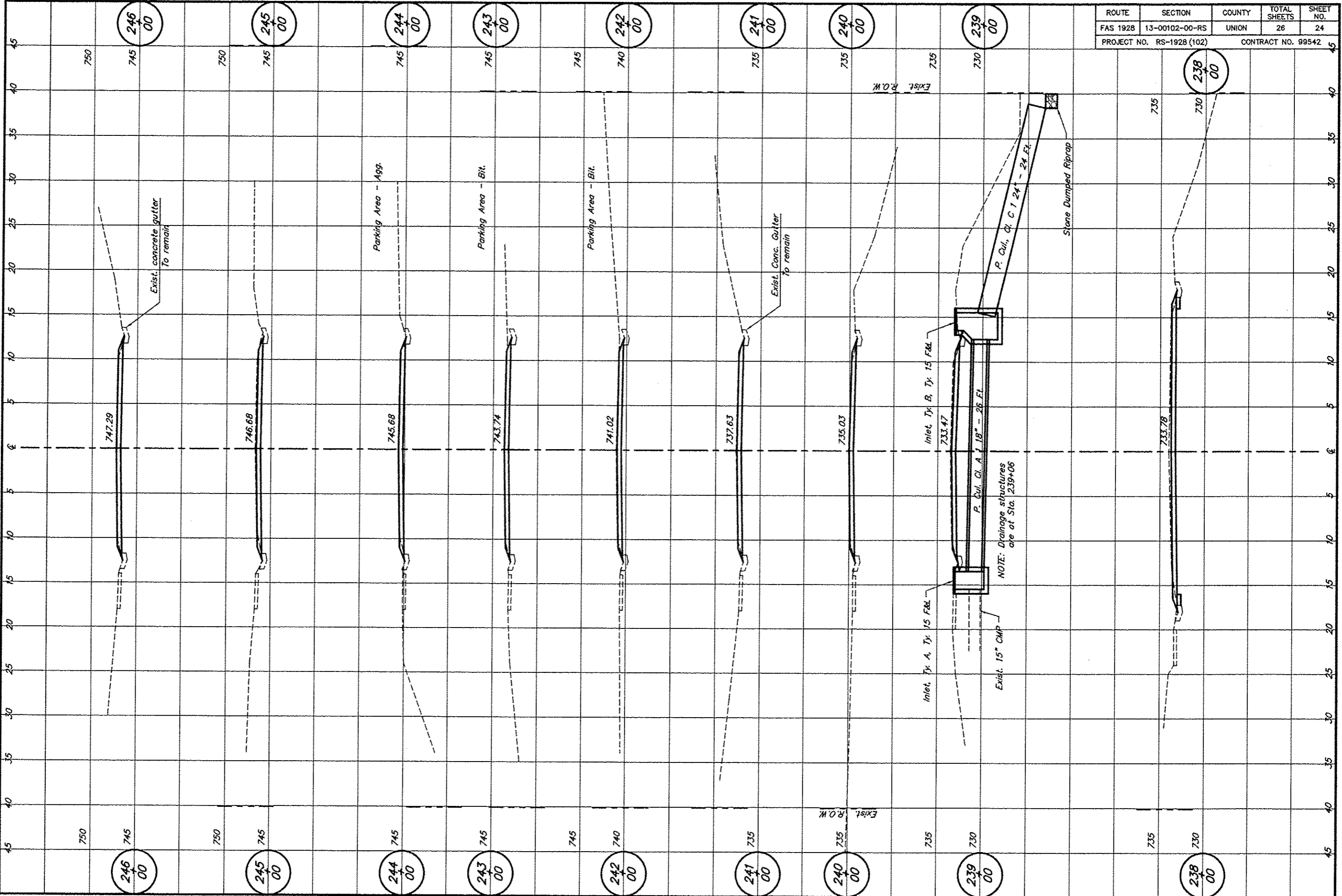
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	22
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	





ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	23
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

754 XS07 03/18/15 1019 RLM



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	24
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

246
00

245
00

244
00

243
00

242
00

241
00

240
00

239
00

238
00

246
00

245
00

244
00

243
00

242
00

241
00

240
00

239
00

238
00

Exist. concrete gutter
to remain

Exist. Conc. Gutter
to remain

Parking Area - Agg.

Parking Area - Bit.

Parking Area - Bit.

Inlet T.Y. B, T.Y. 15 F&L

Inlet T.Y. A, T.Y. 15 F&L

NOTE: Drainage structures
are at Sta. 239+06

Exist. 15" CMP

Stone Dumped Riprap

EXIST. R.O.W.

EXIST. R.O.W.

747.29

746.68

745.68

743.74

741.02

737.63

735.03

733.47

733.78

750

745

750

745

745

745

745

740

735

735

735

730

735

730

750

745

750

745

745

745

745

740

735

735

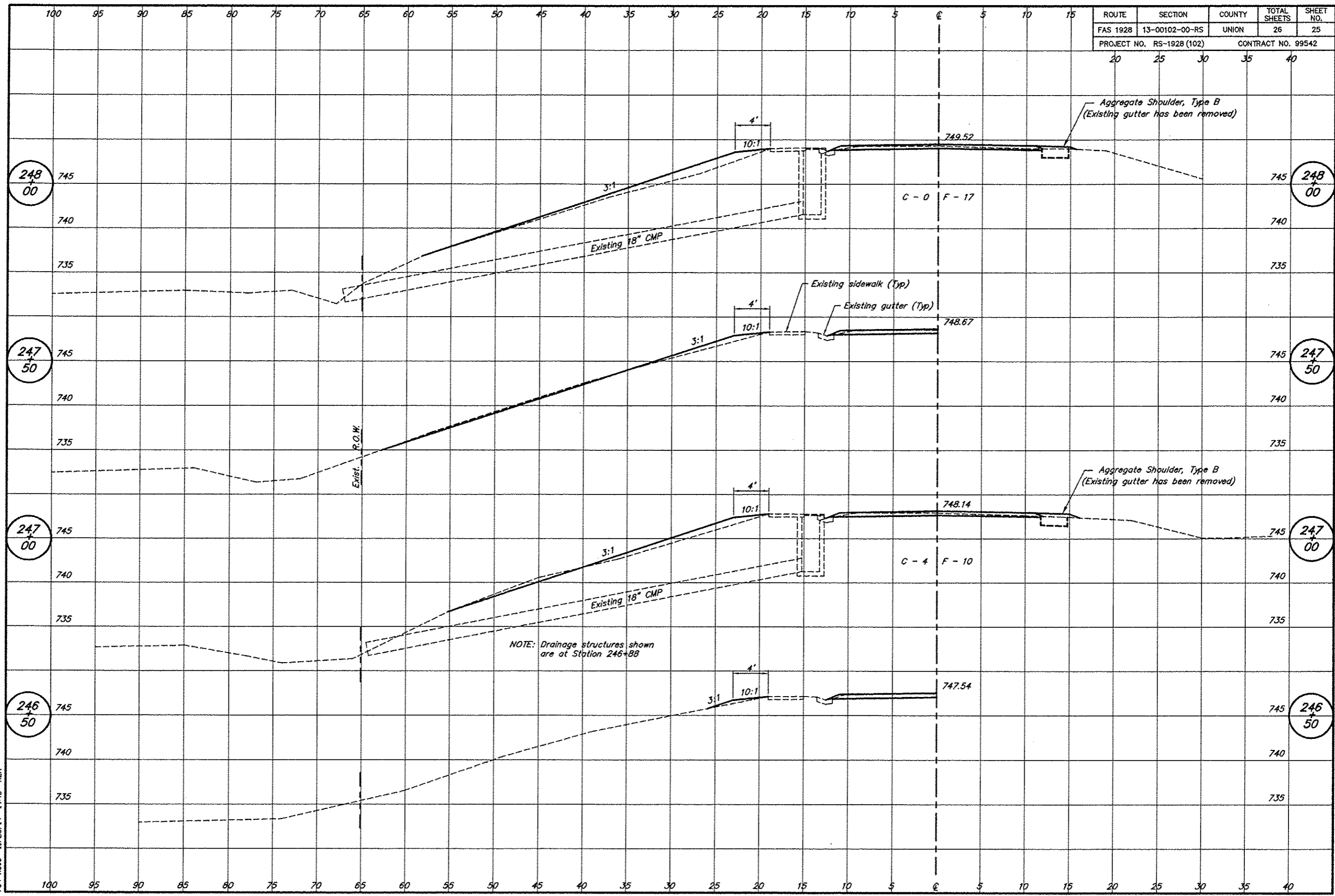
735

730

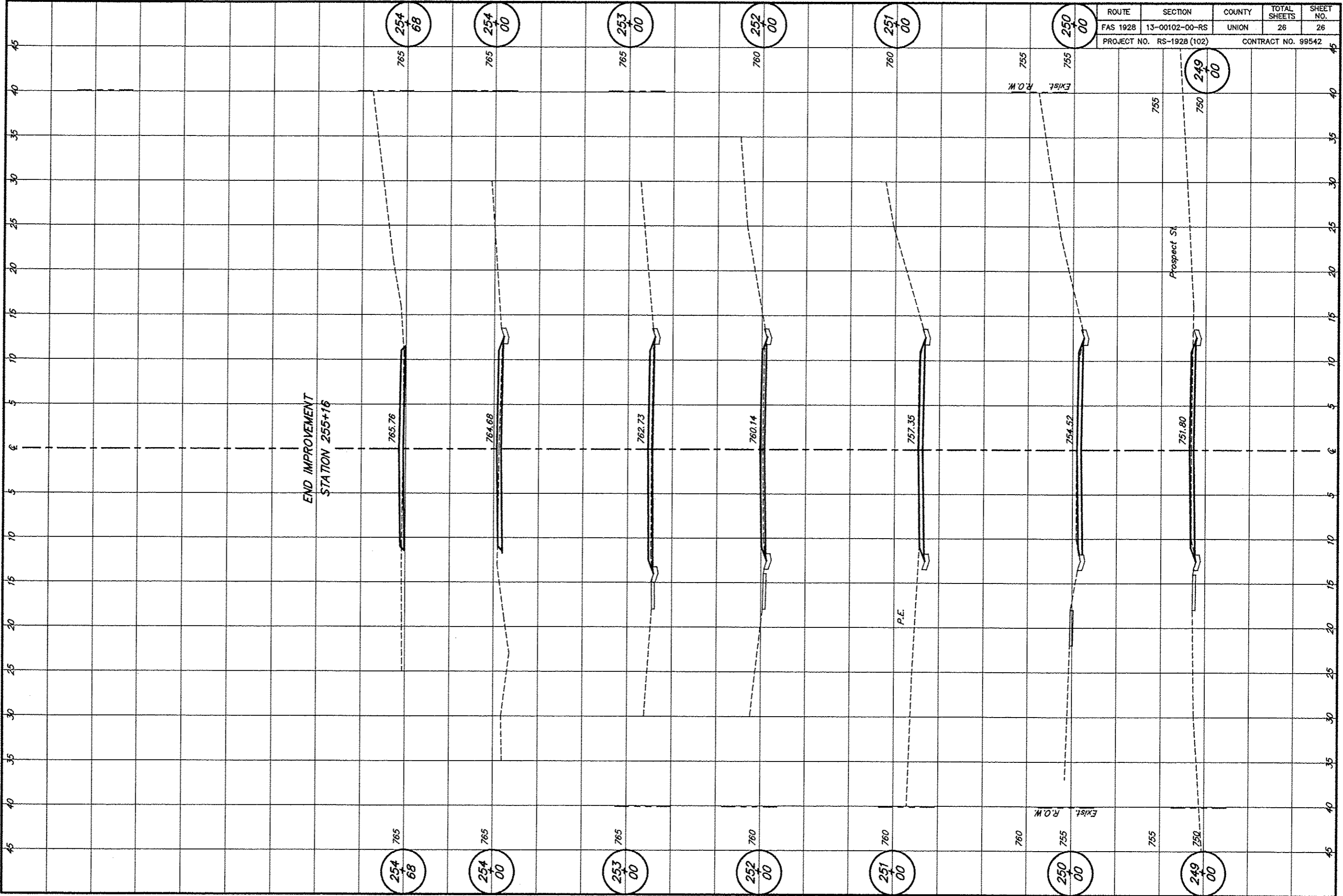
735

730

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	25
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	
	20 25 30 35 40			



754 XS08 10/23/14 144B RLM



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1928	13-00102-00-RS	UNION	26	26
PROJECT NO. RS-1928 (102)			CONTRACT NO. 99542	

END IMPROVEMENT
STATION 255+16

254
68

254
00

253
00

252
00

251
00

250
00

249
00

254
68

254
00

253
00

252
00

251
00

250
00

249
00

765.76

764.68

762.73

760.14

757.35

754.52

751.80

EXIST. R.O.W.

EXIST. R.O.W.

P.E.

Prospect St.