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SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	2,850
20400100	BORROW EXCAVATION	CU YD	9,600
20800150	TRENCH BACKFILL	CU YD	192
25001000*	SEEDING CLASS 2 (SPECIAL)	ACRE	6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	600
28000300	TEMPORARY DITCH CHECKS	EACH	40
28000400	PERIMETER EROSION BARRIER	FOOT	1200
28000500	INLET AND PIPE PROTECTION	EACH	13
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	1385
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,000
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	80
40600990	TEMPORARY RAMP	SQ YD	80
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3,150
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,400
50105220*	PIPE CULVERT REMOVAL	FOOT	396
54200433	PIPE CULVERTS, TYPE 1 RCCP 18"	FOOT	7
54200439	PIPE CULVERTS, TYPE 1 RCCP 24"	FOOT	30
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	FOOT	70
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	38
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	188
54201273	PIPE CULVERTS, TYPE 2 RCCP 18"	FOOT	122
54202119	PIPE CULVERTS, TYPE 3 RCCP 24"	FOOT	100
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	6
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	8
54215547	METAL END SECTIONS 12"	EACH	4
54215550	METAL END SECTIONS 15"	EACH	4
54215553	METAL END SECTIONS 18"	EACH	6
54248515*	CONCRETE COLLAR	EACH	10
54390130	INSERTION CULVERT LINER 16"	FOOT	104
54390170	INSERTION CULVERT LINER 22"	FOOT	156
67100100	MOBILIZATION	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	51
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	108
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	23,880
X2010505*	CLEARING, SPECIAL	L SUM	1

△ SPECIALTY ITEMS

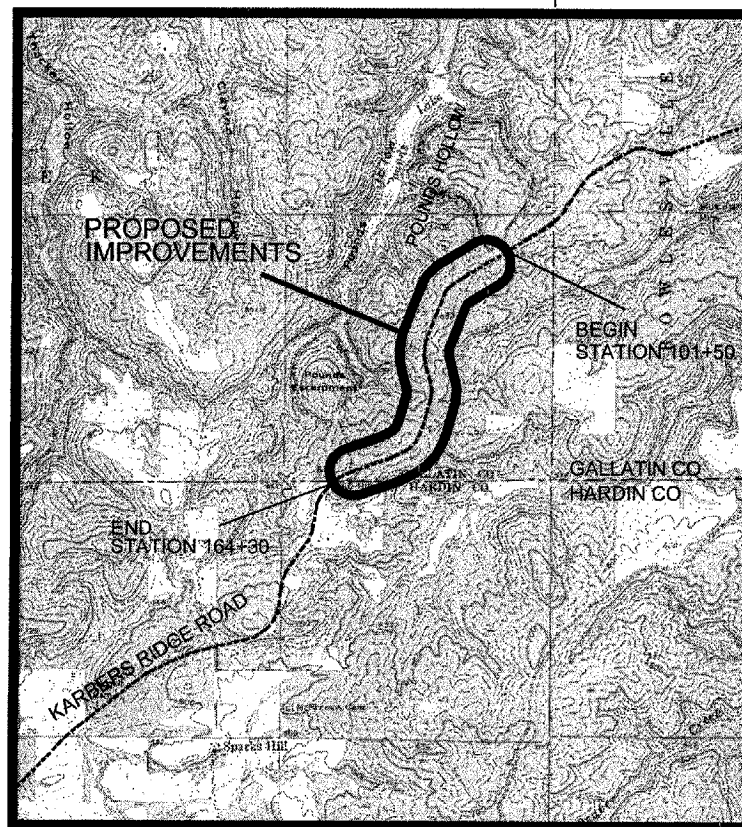
STANDARDS

280001-03	TEMPORARY EROSION CONTROL	701311-02	TRAFFIC CONTROL
701006-02	TRAFFIC CONTROL	702001-06	TRAFFIC CONTROL DEVICES
701011-01	TRAFFIC CONTROL	720001	SIGN PANEL MOUNTING
701201-02	TRAFFIC CONTROL	720006-01	SIGN PANEL ERECTION
701301-02	TRAFFIC CONTROL	780001-01	PAVEMENT MARKINGS
701306-01	TRAFFIC CONTROL		

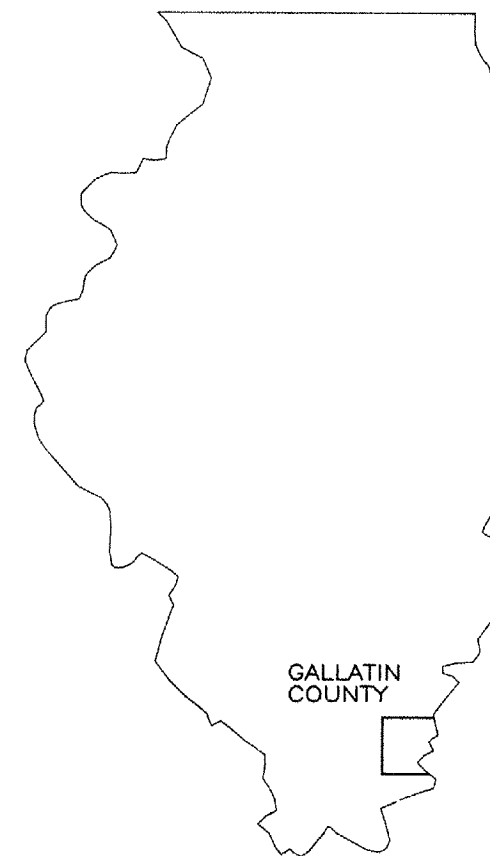
STATE OF ILLINOIS GALLATIN COUNTY

PLANS FOR PROPOSED LOCAL AGENCY IMPROVEMENT

C. H. 13 (FAS ROUTE 934)
SECTION 04-00069-00-RS
PROJECT NO. FH - 17 (101)
JOB NO. C-99-530-05



LOCATION MAP 1 Inch = 2000 Feet
LENGTH OF IMPROVEMENTS = 5,970 Feet (1.13 Miles)



STRUCTURAL DESIGN DATA

DESIGN TRAFFIC (2006):
ADT - PV=445; SU=15; MU=10
CLASS III D.P. - 20 YR

ALL EXISTING UTILITIES AND LOCATIONS TO BE
CONFIRMED BY J.U.L.I.E. 800-892-0123

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED 5/21 2007

Joni W. Brown
LOCAL AGENCY REPRESENTATIVE

PASSED May 22 2007

Dani W. Hillbren
ENGINEER OF LOCAL STREETS AND ROADS

RELEASED FOR BID
BASED ON
LIMITED REVIEW

May 22, 2007
Mary C. Lamie
MARY C. LAMIE, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

Michael W. Roberts

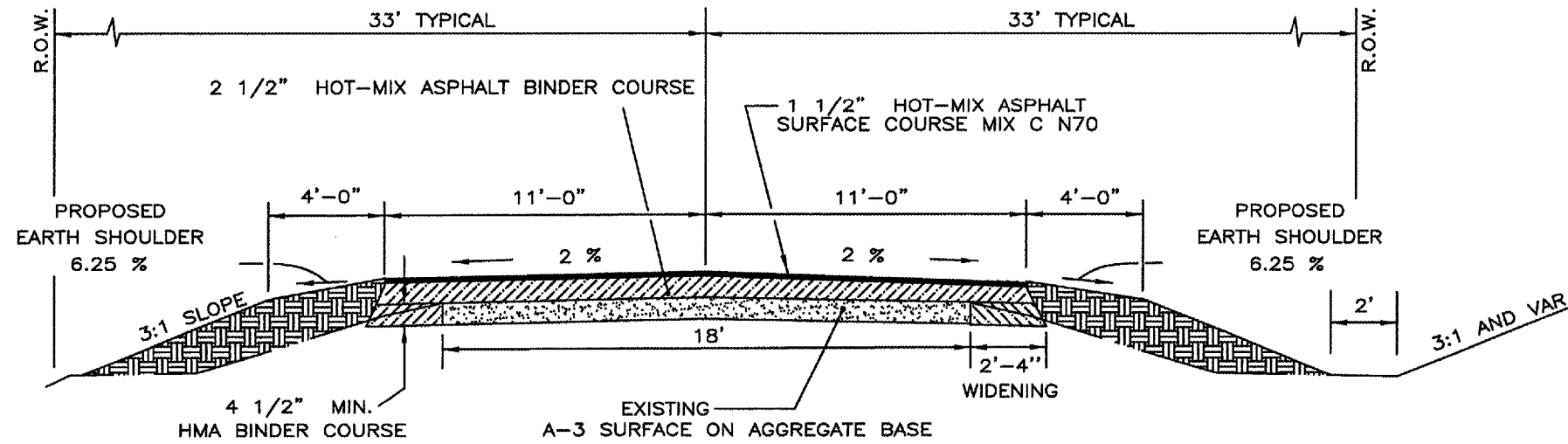
MICHAEL W. ROBERTS MAY 19, 2007
ILLINOIS REGISTERED PROFESSIONAL ENGINEER
NUMBER 62-40888
EXPIRES NOV. 30, 2007



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	2
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

PAVEMENT MARKING SCHEDULE

LOCATION		UNIT	4" LINE QUANTITY
STATION	DESCRIPTION		
100+00 TO 159+70	4" WHITE SOLID EDGE	FOOT	11,940
100+00 TO 159+70	4" YELLOW SOLID	FOOT	11,940
	NO PASSING		
TOTAL			23,880



NOTE: MATCH EXISTING SUPERELEVATED TRANSVERSE SLOPES

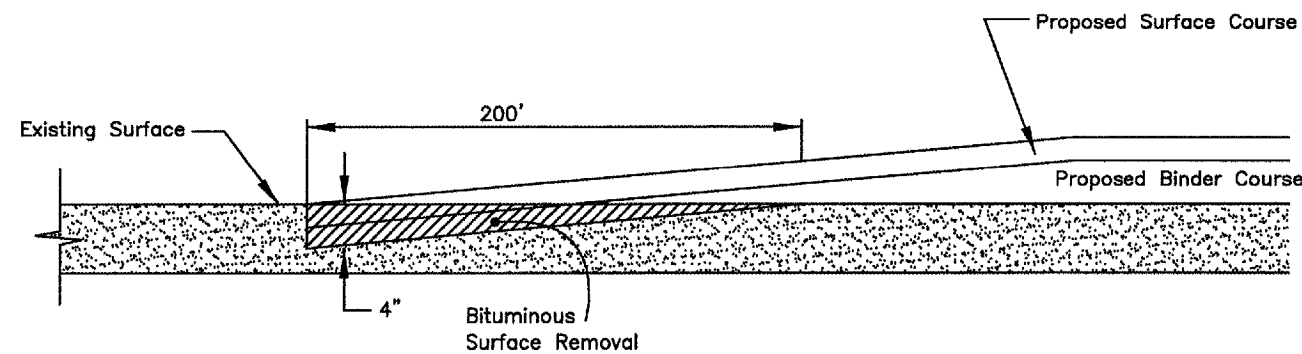
TYPICAL SECTION

NOT TO SCALE
STATION 100+00 TO 160+00

DITCH LINING SCHEDULE

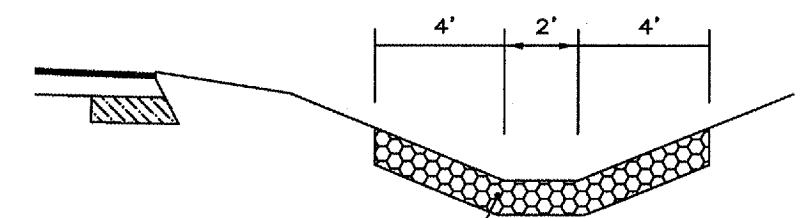
LOCATION TO LOCATION	STONE DUMPED RIPRAP (TON)
108+00 RT TO 111+00 RT	105
110+00 LT TO 111+00 LT	35
115+00 LT TO 116+80 LT	65
118+00 LT TO 121+00 LT	105
118+50 RT TO 121+00 RT	90
129+50 RT TO 133+21 RT	130
131+00 LT TO 136+10 LT	180
135+00 RT TO 141+00 RT	210
138+00 LT TO 139+95 LT	70
143+25 RT TO 147+00 RT	135
143+50 LT TO 148+00 LT	160
143+50 RT TO 152+00 RT	65

TOTAL 1350



BUTT JOINT DETAIL

NOT TO SCALE



STONE DUMP RIPRAP
CLASS A3
8" MINIMUM THICKNESS

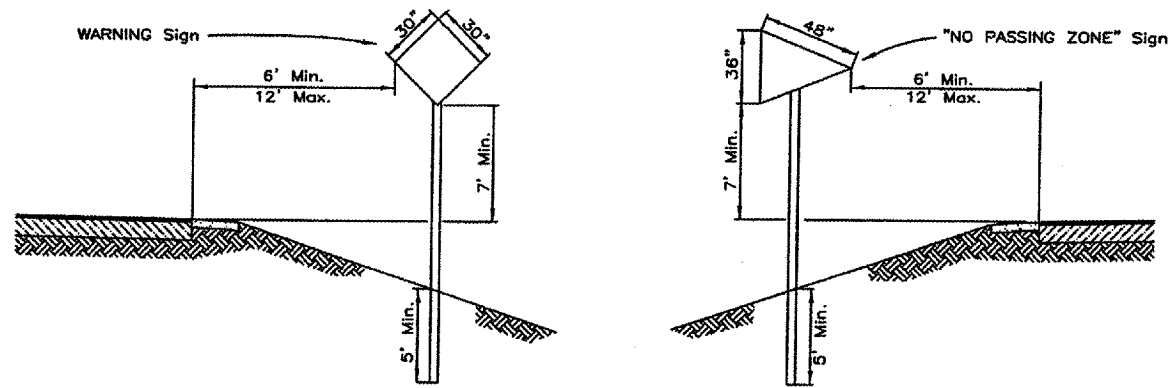
DITCH LINING DETAIL

NOT TO SCALE

SIGN SCHEDULE

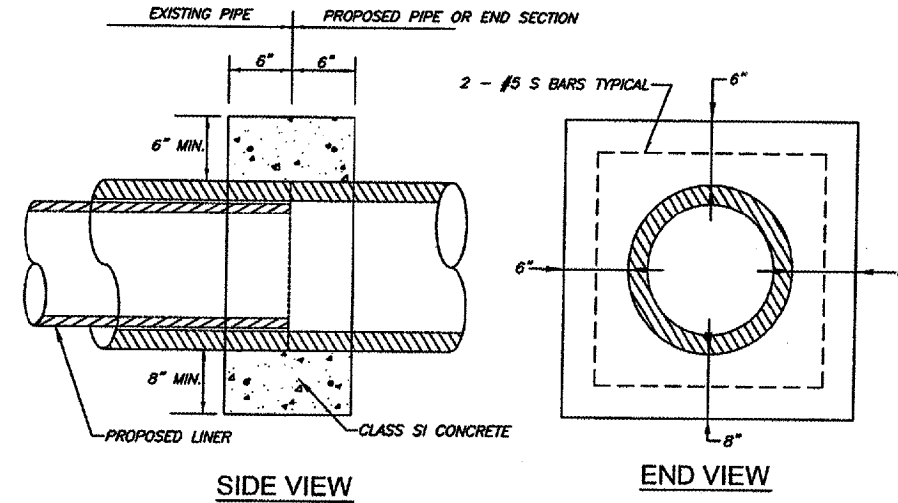
LOCATION	NAME	SIGNS		POSTS (FT)
		NO.	SQ. FT.	
STA 101+00 RT	NO PASSING	W14-3	5.33	14
STA 130+00 LT	NO PASSING	W14-3	5.33	14
STA 130+00 RT	NO PASSING	W14-3	5.33	14
STA 158+00 LT	NO PASSING	W14-3	5.33	14
STA 103+00 RT	SPEED LIMIT	R2-1	7.5	13
STA 128+00 LT	SPEED LIMIT	R2-1	7.5	13
STA 133+00 RT	SPEED LIMIT	R2-1	7.5	13
STA 158+00 LT	SPEED LIMIT	R2-1	7.5	13
TOTALS			51.32	108

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	3
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				



SIGN MOUNTING DETAILS

NOT TO SCALE



NOTES:

- ALL CONCRETE AND REINFORCEMENT SHALL BE CONSIDERED PART OF THE CONCRETE COLLAR PAY ITEM.

PIPE DIA.	CLASS SI CONCRETE CU. YD. (EST.)
12"	0.16
15"	0.19
18"	0.21
24"	0.29
30"	0.37
36"	0.44
42"	0.53
48"	0.62
54"	0.71

CONCRETE COLLAR DETAILS

CULVERT SCHEDULE

LOCATION		INSERTION LINING		CULVERT REMOVAL				P CUL 1 CS/A CP			TRENCH	STONE	CONCRETE	RCCP 1	RCCP 1	RCCP 2	RCCP 3	PRCFES	PRCFES	ME SEC	ME SEC	ME SEC		
		DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	DIAMETER (FOOT)	BACKFILL	RIPRAP	COLLARS	18" DIA.	24" DIA.	18" DIA.	24" DIA.	18" DIA.	24" DIA.	18" DIA.	24" DIA.	12" DIA.	15" DIA.	18" DIA.
STATION	OFFSET	16"	22"	12"	15"	18"	24"	12"	15"	18"	CU YD	TON	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
103+36	24'LT TO 28'RT	-	-	-	-	52	-	-	-	-	28	10	-	-	-	58	-	2	-	-	-	-	-	
108+31	33'LT TO 21'RT	54	-	-	-	-	-	-	-	-	-	5	2	7.5	-	-	-	2	-	-	-	-	-	
116+65	30'LT TO 40'RT	-	70	-	-	-	-	-	-	-	-	5	2	-	13	-	-	-	2	-	-	-	-	
119+72	30'LT TO 40'RT	-	-	-	-	-	70	-	-	-	51	-	-	-	-	-	100	-	2	-	-	-	-	
122+06	PE 20' RT	-	-	-	38	-	-	-	38	-	11	-	-	-	-	-	-	-	2	-	-	-	-	
128+80	30'LT TO 20'RT	-	48	-	-	-	-	-	-	-	-	5	2	-	10	-	-	-	2	-	-	2	-	
133+43	PE 23' RT	-	-	-	-	44	-	-	-	44	12	-	-	-	-	-	-	-	-	-	-	-	2	
136+02	17'LT TO 21'RT	-	38	-	-	-	-	-	-	-	-	-	2	-	7.5	-	-	-	2	-	-	-	-	
136+83	PE 20' LT	-	-	-	-	22	-	-	-	22	13	-	-	-	-	-	-	-	-	-	-	-	2	
140+16	PE 20' LT	-	-	43	-	-	-	40	-	-	22	-	-	-	-	-	-	-	-	-	2	-	-	
143+50	34'LT TO 32'RT	-	-	-	-	66	-	-	-	-	36	-	-	-	-	64	-	2	-	-	-	-	-	
150+23	20'LT TO 30'RT	50	-	-	-	-	-	-	-	-	-	10	2	-	-	-	-	2	-	-	-	-	-	
154+75	PE 21' RT	-	-	30	-	-	-	30	-	-	19	-	-	-	-	-	-	-	-	-	2	-	-	
TOTAL		104	156	73	38	132	70	70	38	130	192	35	10	7.5	30.5	122	100	4	6	4	4	4	4	

STORM WATER POLLUTION PREVENTION PLAN

The following Plan is established and incorporated in the project to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES.

The purpose of this plan is to minimize erosion within the construction site and to limit sediments leaving the construction site by utilizing proper temporary erosion control systems and providing ground cover within a reasonable amount of time.

Certain erosion control facilities shall be installed by the Contractor at the beginning of construction. Other items shall be installed as directed by the Engineer on a case by case situation depending on the Contractor's sequence of activities, time of year and expected weather conditions.

The Contractor shall construct permanent erosion control systems and seeding within a time frame specified herein and as directed by the Engineer, therefore minimizing the amount of area susceptible to erosion and reducing the amount of temporary seeding. The engineer will determine if any temporary erosion control systems shown in the plans can be deleted and if any additional temporary erosion control systems, which are not included in the plans, shall be added. The contractor shall perform all work as directed by the Engineer and as shown in STANDARD 280001.

Section 280, Temporary Erosion Control, of the Standard Specifications additionally supplements this plan.

DESCRIPTION OF CONSTRUCTION ACTIVITIES

1. Temporary ditch checks shall be located at every 1.5 feet of fall/rise in ditch grade.

INTENDED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

1. Isolated tree removal. Trees to remain will be protected against damage.
2. Drainage Culverts.
3. Excavation and grading.
4. Placement of Bituminous Pavement.
5. Seeding and permanent erosion control systems.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FH 19	04-00069-00-RS	GALLATIN	25	4
KARBERS RIDGE ROAD		FAS ROUTE 934		

AREA OF CONSTRUCTION SITE

1. The total area of the construction site is estimated to be 9.0 Acres of which approximately 4.9 Acres will be disturbed.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE SWPPP AS REFERENCED DOCUMENTS.

1. Information of the terrain was obtained from field surveys.
2. Project plan documents, specifications and special provisions and plan drawings indicating the drainage patterns and location of existing drainage features were utilized in the preparation of the proposed placement of temporary erosion control systems.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF

1. Proposed storm sewer outlets are tributary to existing roadside ditches. No new discharge points will be constructed.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

1. Existing vegetation will be preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices will include temporary seeding, permanent seeding, mulching, protection of trees, preservation of mature vegetation and other appropriate measures as directed by the Engineer. Stabilization measures shall be initiated as soon as practical in those areas of the site where construction activities have ceased, but in no case more than 7 days after the construction activity for an area has temporarily or permanently ceased.
2. Areas outside the construction limits shall be protected from construction activities.
3. Dead, diseased or unsuitable vegetation within the site shall be removed as directed by the Engineer.
4. As soon as is reasonable, the temporary erosion control system shall be installed as indicated in the plans or as directed by the engineer.

This plan has been prepared with the intent to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this plan was prepared at my direction in accordance with a system that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Randy Drone Date: 3-31-06
Gallatin County Board Chairman

**DESCRIPTION OF STABILIZATION PRACTICES
DURING CONSTRUCTION**

1. During construction, areas outside the construction limits shall be protected.
2. Within the construction limits, areas which may be susceptible to erosion as determined by the Engineer shall remain undisturbed until full scale construction is underway.
3. Earth stockpiles shall be temporary seeded if they are to remain unused for more than 14 days.
4. As soon as construction proceeds, the contractor shall institute the following as directed by the Engineer:
 - A) Place temporary erosion control facilities at locations shown in the plans.
 - B) Temporarily seed erodable bare earth on a weekly basis to minimize the amount of erodable surface area within the contract limits.
 - C) Construct roadside ditches and provide temporary erosion control systems.
 - D) Temporarily divert water around proposed culvert locations.
5. Excavated areas shall be permanently seeded immediately after final grading. If not, they shall be temporarily seeded if no construction in the area is planned for 7 days.
6. All necessary measures shall be taken by the contractor to contain any fuel or pollutant in accordance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
7. The Resident Engineer shall inspect the project daily during construction activities. Inspection shall also be done weekly and after rains of 0.5 inches or greater or equivalent snowfall and during any winter shutdown period.
8. Sediment collected during the construction by the various temporary erosion control systems shall be disposed of on site on a regular basis as directed by the Resident Engineer. The cost of this maintenance shall be considered incidental to the erosion control system.
9. The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The cost of removal shall be included in the unit bid price for various temporary erosion control pay items.

**DESCRIPTION OF STRUCTURAL PRACTICES
AFTER FINAL GRADING**

1. Temporary seeding shall be left in place with proper maintenance until permanent erosion control and all proposed turf areas seeded and established.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up and disturbed turf areas reseeded.

MAINTENANCE AFTER CONSTRUCTION

1. Construction is complete after FINAL acceptance by I.D.O.T. final inspection. Maintenance up to this date will be by the contractor.

MISCELLANEOUS

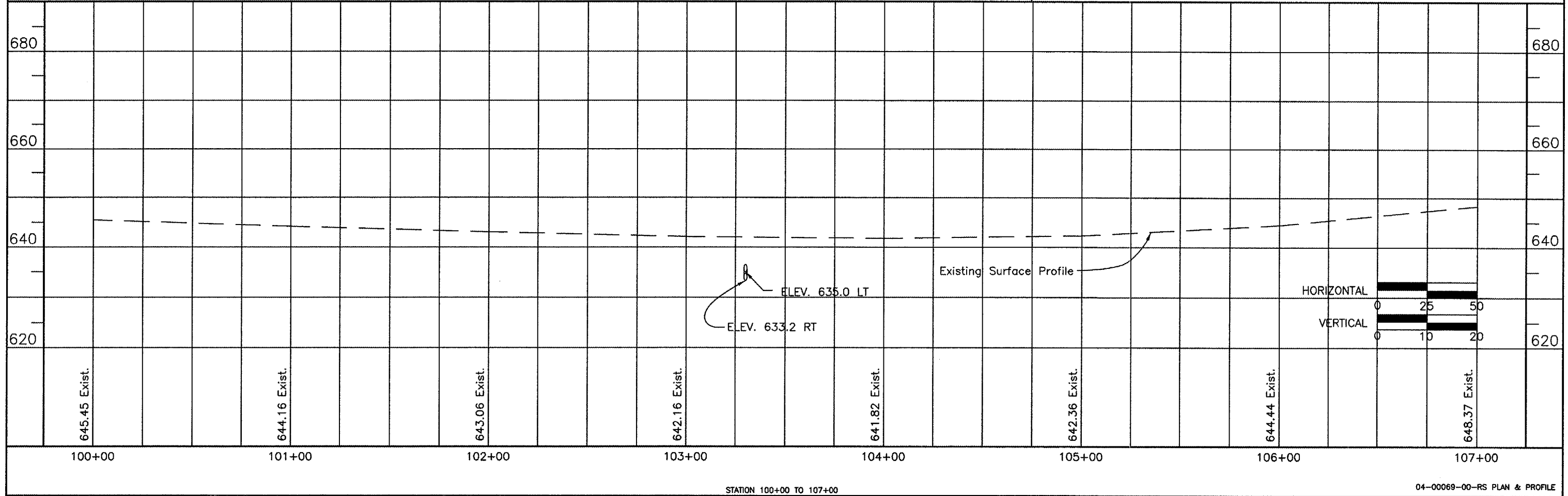
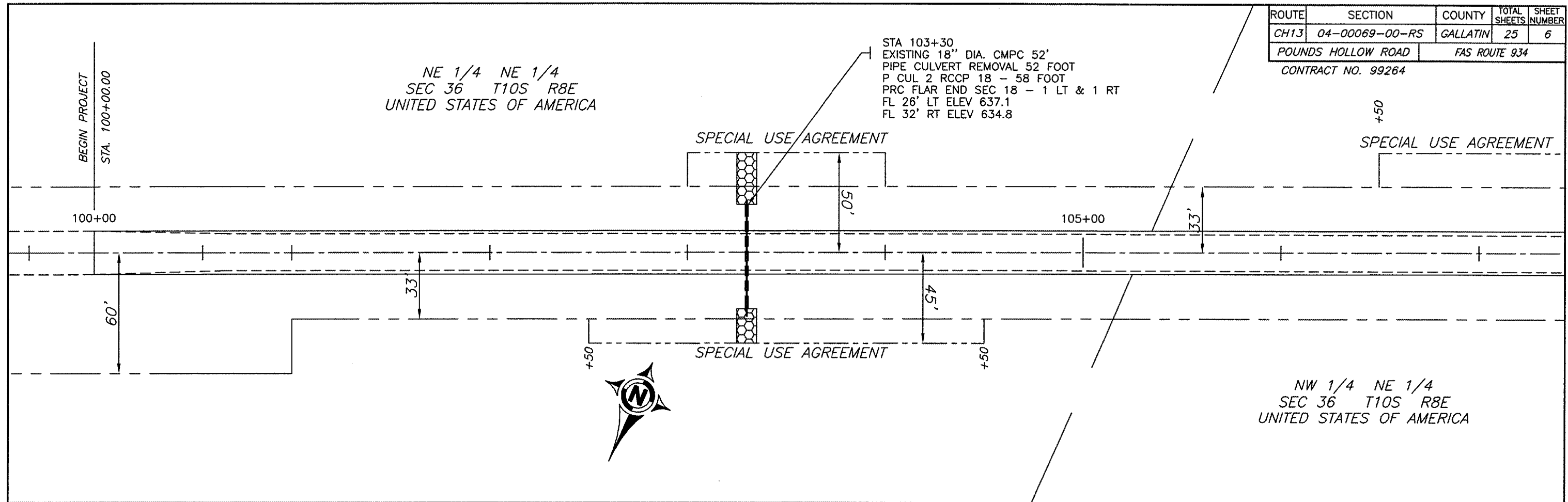
1. Temporary ditch checks shall be located at every 1.5 feet of fall/rise in ditch grade.
2. Temporary erosion control seeding shall be applied at the rate of 100 lbs/acre.
3. Straw bales, perimeter erosion control barrier and silt fences will be permitted for temporary ditch checks.
4. All erosion control products furnished shall be specifically recommended by the manufacturer for the use specified in the erosion control plan. Prior to the approval and use of the product, the contractor shall submit to the Engineer a notarized certification by the producer stating the intended use of the product and the physical properties required for this application are met or exceeded. The contractor shall provide manufacturer installation procedures to facilitate the Engineer in construction inspection.
5. All items shall be constructed as shown on STANDARD 280001 and as directed by the Engineer. Maintenance and cleaning of erosion control items shall be considered part of the respective erosion control pay item.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 13	04-00069-00-RS	GALLATIN	25	5
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	6
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

NE 1/4 NE 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

STA 103+30
EXISTING 18" DIA. CMPC 52'
PIPE CULVERT REMOVAL 52 FOOT
P CUL 2 RCCP 18 - 58 FOOT
PRC FLAR END SEC 18 - 1 LT & 1 RT
FL 26' LT ELEV 637.1
FL 32' RT ELEV 634.8



STATION 100+00 TO 107+00

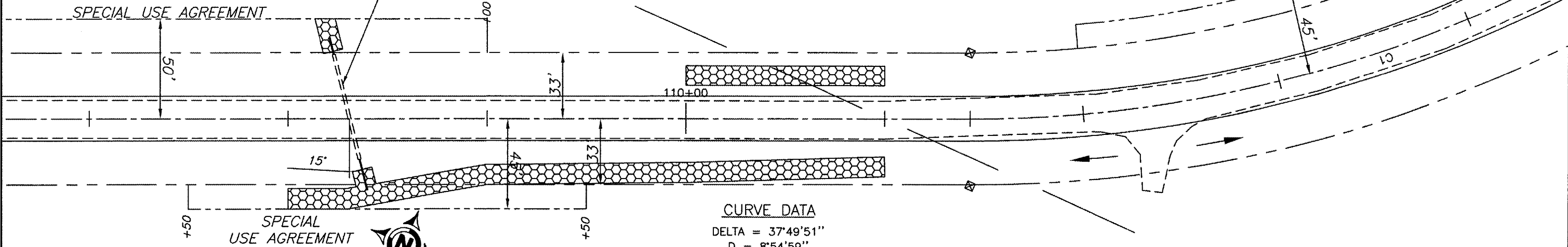
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	7
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

NW 1/4 NE 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

STA 108+31
EXISTING 18" DIA. CMPC 54'
INSERT CUL LIN 16 - 54 FOOT
P CUL 1 RCCP 18 - 7.5 FOOT LT
PRC FLAR END SEC 18 - 1 LT & 1 RT
CONCRETE COLLARS 1 LT & 1 RT

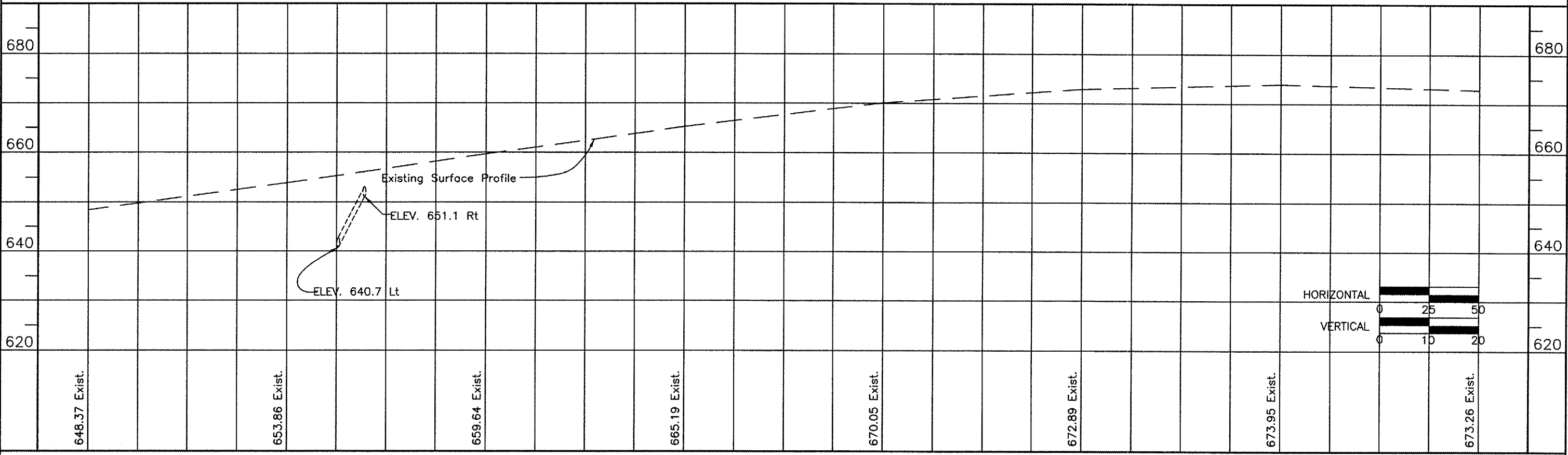
SW 1/4 NE 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

SPECIAL USE AGREEMENT



CURVE DATA

DELTA = 37°49'51"
D = 8°54'59"
TAN = 220.20'
RAD = 642.59'
LEN = 424.28'
P.C. STA. 111+42.70
P.I. STA. 113+62.90
P.L. STA. 115+66.98



648.37 Exist.	653.86 Exist.	659.64 Exist.	665.19 Exist.	670.05 Exist.	672.89 Exist.	673.95 Exist.	673.26 Exist.
107+00	108+00	109+00	110+00	111+00	112+00	113+00	114+00

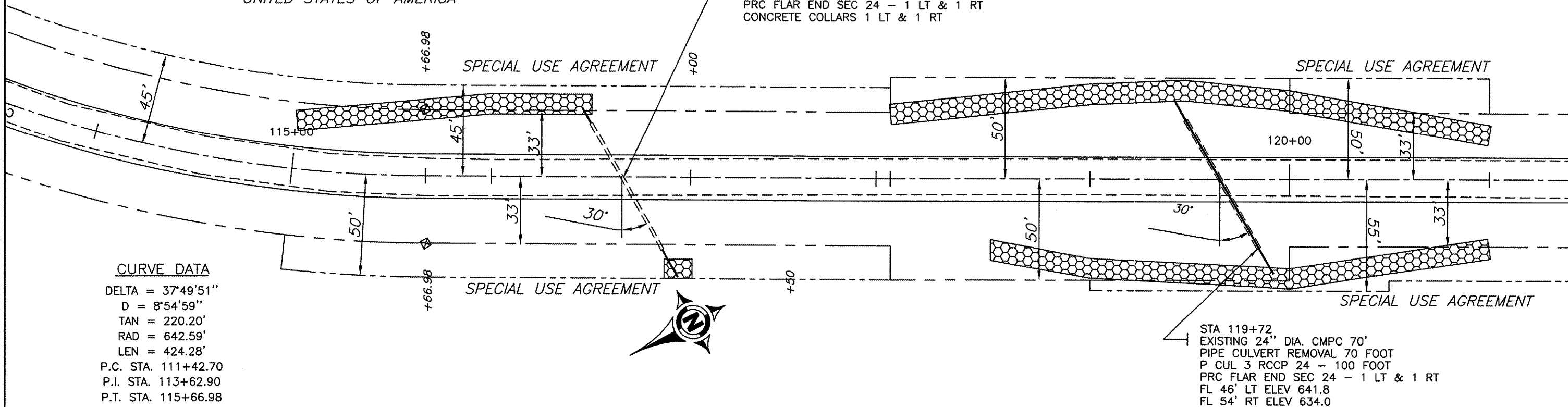
STATION 107+00 TO 114+00

04-00069-00-RS PLAN & PROFILE

SW 1/4 NE 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

STA 116+65
EXISTING 24" DIA. CMPC 70'
INSERT CUL LIN 22 - 70 FOOT
P CUL 1 RCCP 24 - 10 FOOT LT, 3 FOOT RT
PRC FLAR END SEC 24 - 1 LT & 1 RT
CONCRETE COLLARS 1 LT & 1 RT

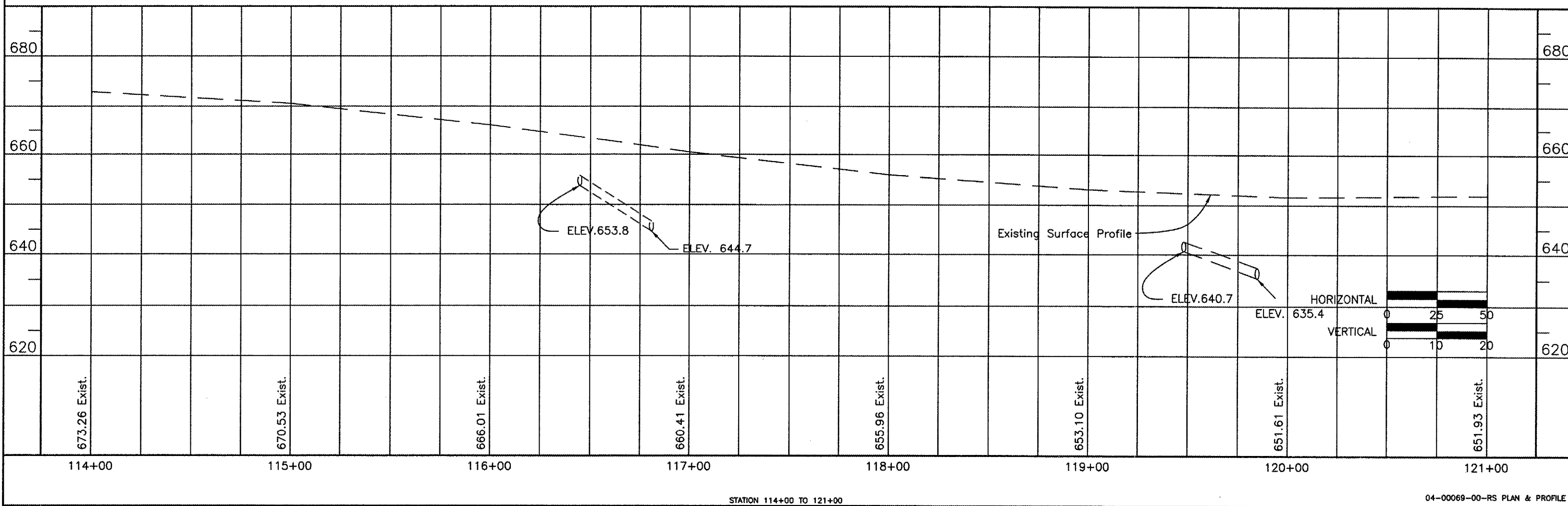
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	8
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				



CURVE DATA

DELTA = 37°49'51"
D = 8°54'59"
TAN = 220.20'
RAD = 642.59'
LEN = 424.28'
P.C. STA. 111+42.70
P.I. STA. 113+62.90
P.T. STA. 115+66.98

STA 119+72
EXISTING 24" DIA. CMPC 70'
PIPE CULVERT REMOVAL 70 FOOT
P CUL 3 RCCP 24 - 100 FOOT
PRC FLAR END SEC 24 - 1 LT & 1 RT
FL 46' LT ELEV 641.8
FL 54' RT ELEV 634.0



STATION 114+00 TO 121+00

04-00069-00-RS PLAN & PROFILE

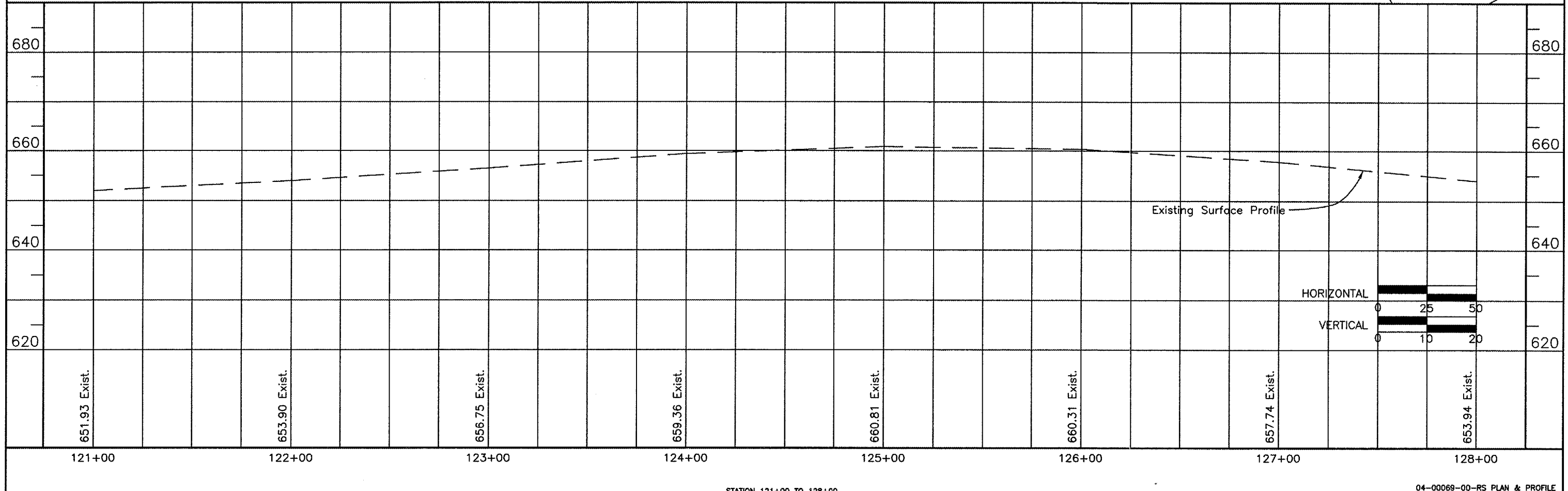
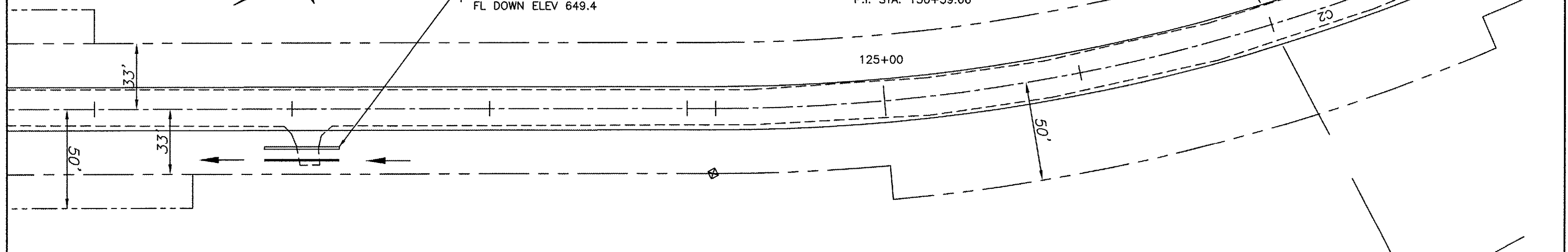
SW 1/4 NE 1/4
 SEC 36 T10S R8E
 UNITED STATES OF AMERICA



STA 122+06
 EXISTING 15" DIA. CMPC 38'
 PIPE CULVERT REMOVAL 38 FOOT
 P CUL 1 CS/A CP 15 - 38 FOOT, 26' RT
 METAL END SEC 15 - 2 (1 EACH END)
 FL UP ELEV 650.6
 FL DOWN ELEV 649.4

CURVE DATA
 DELTA = 37°26'29"
 D = 5°59'14"
 TAN = 324.30'
 RAD = 956.96'
 LEN = 625.36'
 P.C. STA. 124+14.30
 P.I. STA. 127+38.60
 P.T. STA. 130+39.66

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	9
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				



STATION 121+00 TO 128+00

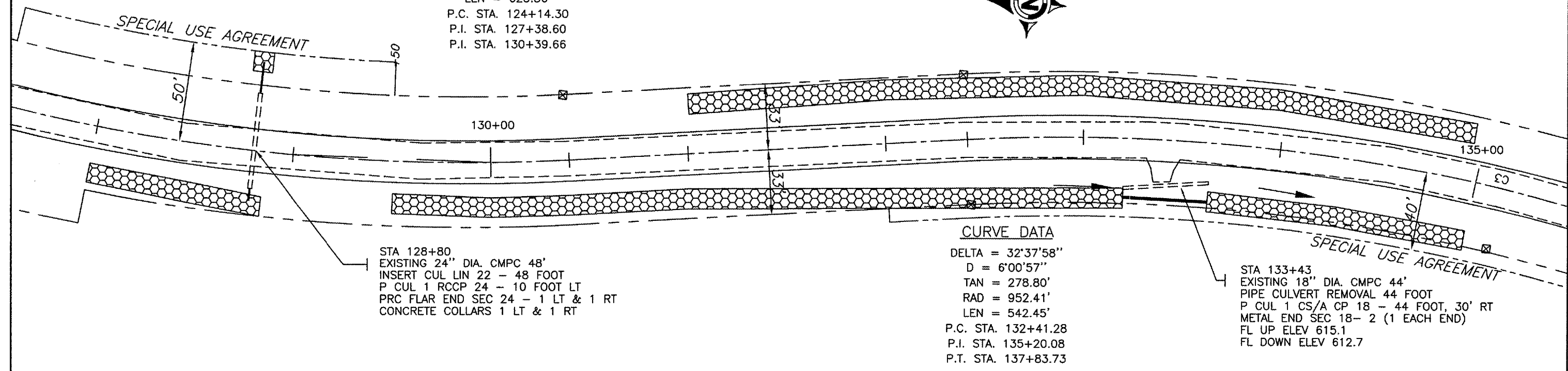
04-00069-00-RS PLAN & PROFILE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	10
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

CURVE DATA

DELTA = 37°26'29"
 D = 5°59'14"
 TAN = 324.30'
 RAD = 956.96'
 LEN = 625.36'
 P.C. STA. 124+14.30
 P.I. STA. 127+38.60
 P.T. STA. 130+39.66

NW 1/4 SE 1/4
 SEC 36 T10S R8E
 UNITED STATES OF AMERICA

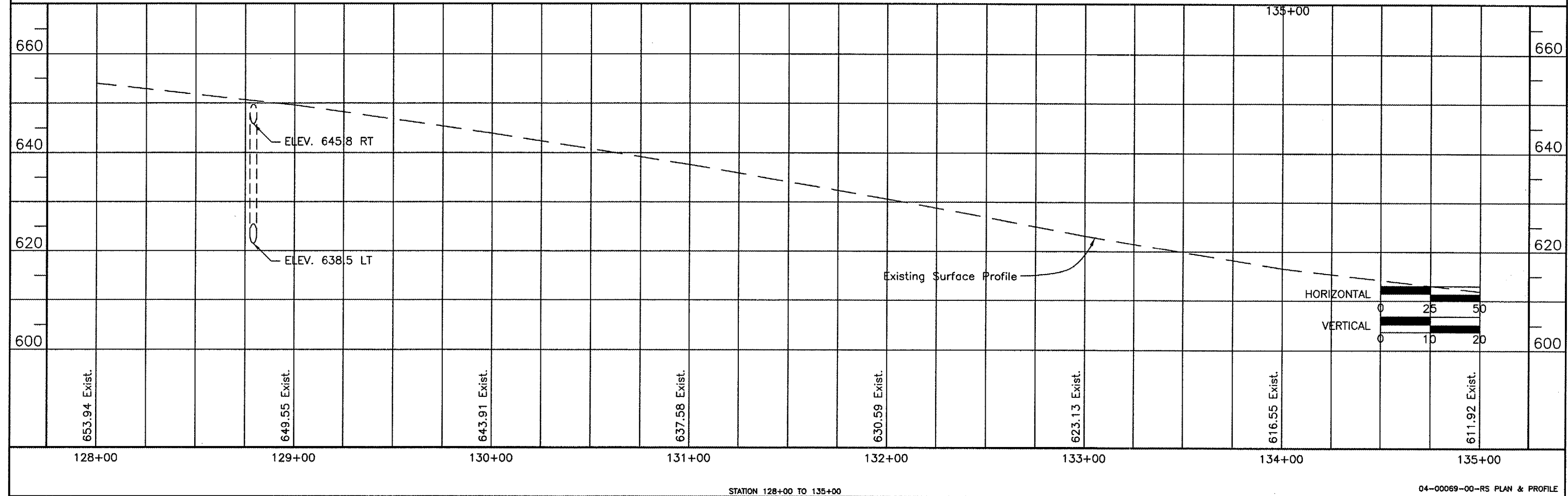


STA 128+80
 EXISTING 24" DIA. CMPC 48'
 INSERT CUL LIN 22 - 48 FOOT
 P CUL 1 RCCP 24 - 10 FOOT LT
 PRC FLAR END SEC 24 - 1 LT & 1 RT
 CONCRETE COLLARS 1 LT & 1 RT

CURVE DATA

DELTA = 32°37'58"
 D = 6°00'57"
 TAN = 278.80'
 RAD = 952.41'
 LEN = 542.45'
 P.C. STA. 132+41.28
 P.I. STA. 135+20.08
 P.T. STA. 137+83.73

STA 133+43
 EXISTING 18" DIA. CMPC 44'
 PIPE CULVERT REMOVAL 44 FOOT
 P CUL 1 CS/A CP 18 - 44 FOOT, 30' RT
 METAL END SEC 18- 2 (1 EACH END)
 FL UP ELEV 615.1
 FL DOWN ELEV 612.7



STATION 128+00 TO 135+00

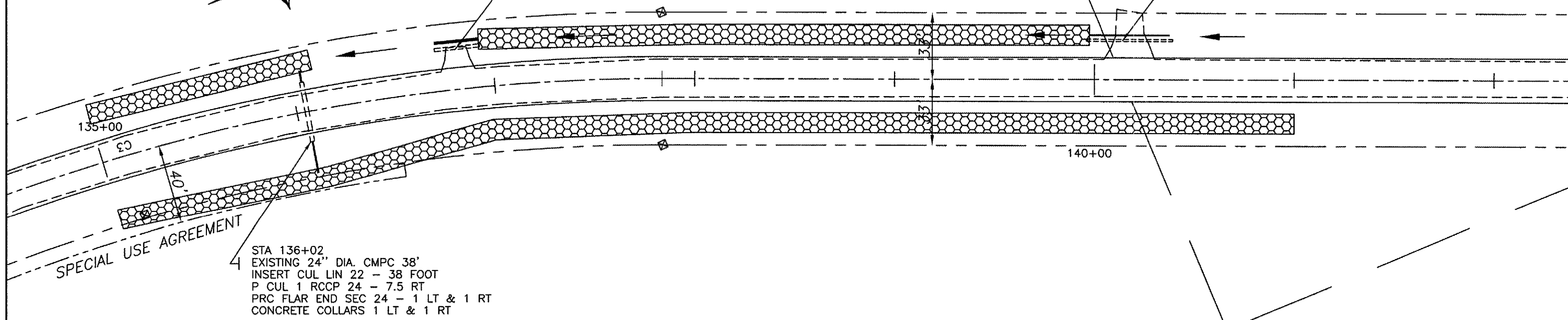
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	11
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

NW 1/4 SE 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

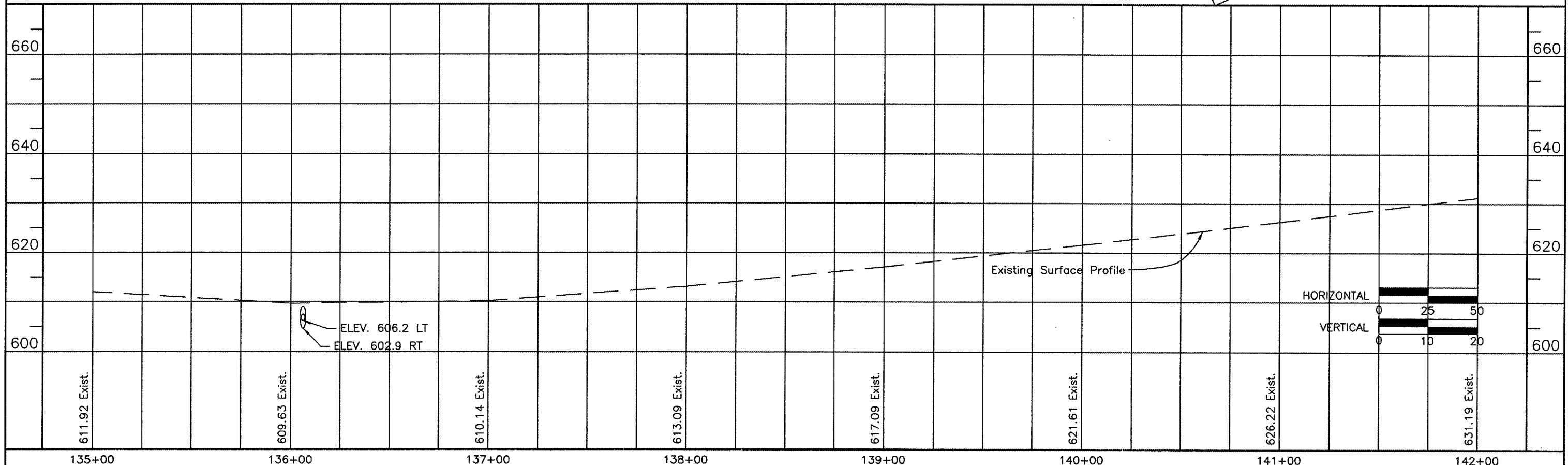


STA 136+83
EXISTING 18" DIA. CMPC 22'
PIPE CULVERT REMOVAL 22 FOOT
P CUL 1 CS/A CP 18 - 22 FOOT, 24' LT
METAL END SEC 18 - 2 (1 EACH END)
FL UP ELEV 606.75
FL DOWN ELEV 606.60

STA 140+16
EXISTING 12" DIA. CMPC 43'
PIPE CULVERT REMOVAL 43 FOOT
P CUL 1 CS/A CP 12 - 40 FOOT, 22' LT
METAL END SEC 12 - 2 (1 EACH END)
FL UP ELEV 621.9
FL DOWN ELEV 619.5

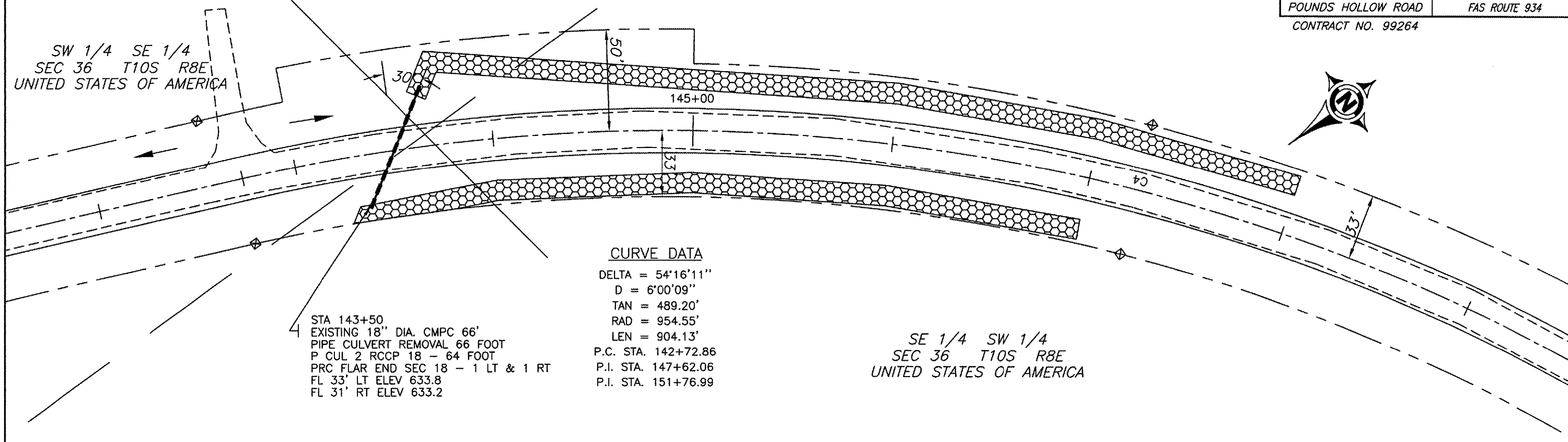


STA 136+02
EXISTING 24" DIA. CMPC 38'
INSERT CUL LIN 22 - 38 FOOT
P CUL 1 RCCP 24 - 7.5 RT
PRC FLAR END SEC 24 - 1 LT & 1 RT
CONCRETE COLLARS 1 LT & 1 RT



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	12
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

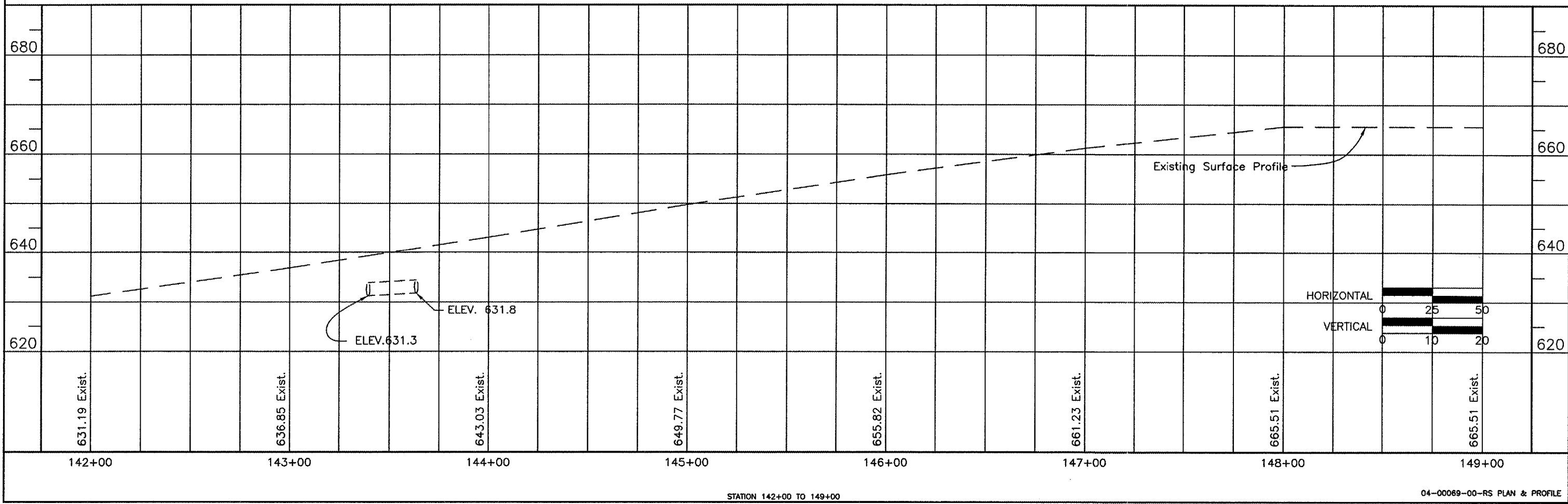
SW 1/4 SE 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA



STA 143+50
EXISTING 18" DIA. CMPC 66'
PIPE CULVERT REMOVAL 66 FOOT
P CUL 2 RCCP 18 - 64 FOOT
PRC FLAR END SEC 18 - 1 LT & 1 RT
FL 33' LT ELEV 633.8
FL 31' RT ELEV 633.2

CURVE DATA
 DELTA = 54°16'11"
 D = 6°00'09"
 TAN = 489.20'
 RAD = 954.55'
 LEN = 904.13'
 P.C. STA. 142+72.86
 P.I. STA. 147+62.06
 P.I. STA. 151+76.99

SE 1/4 SW 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

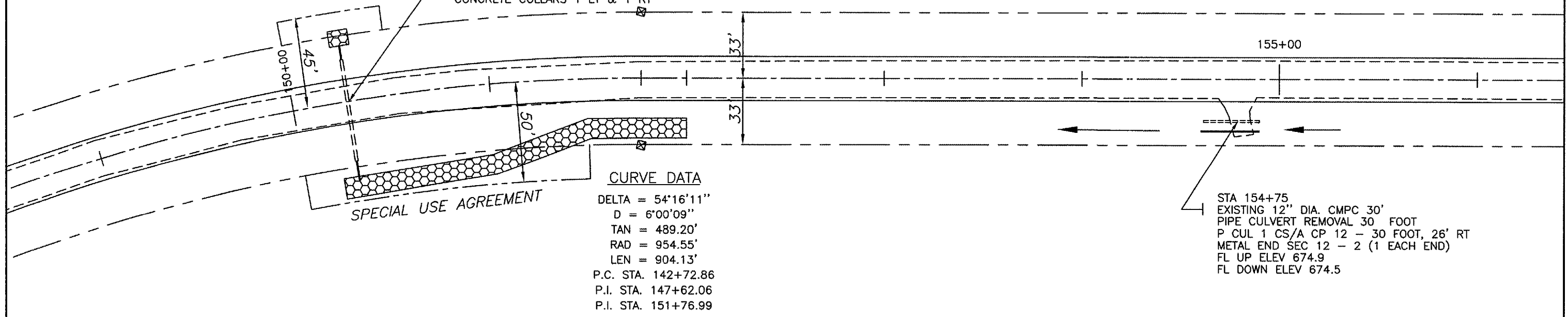


STATION 142+00 TO 149+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	13
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

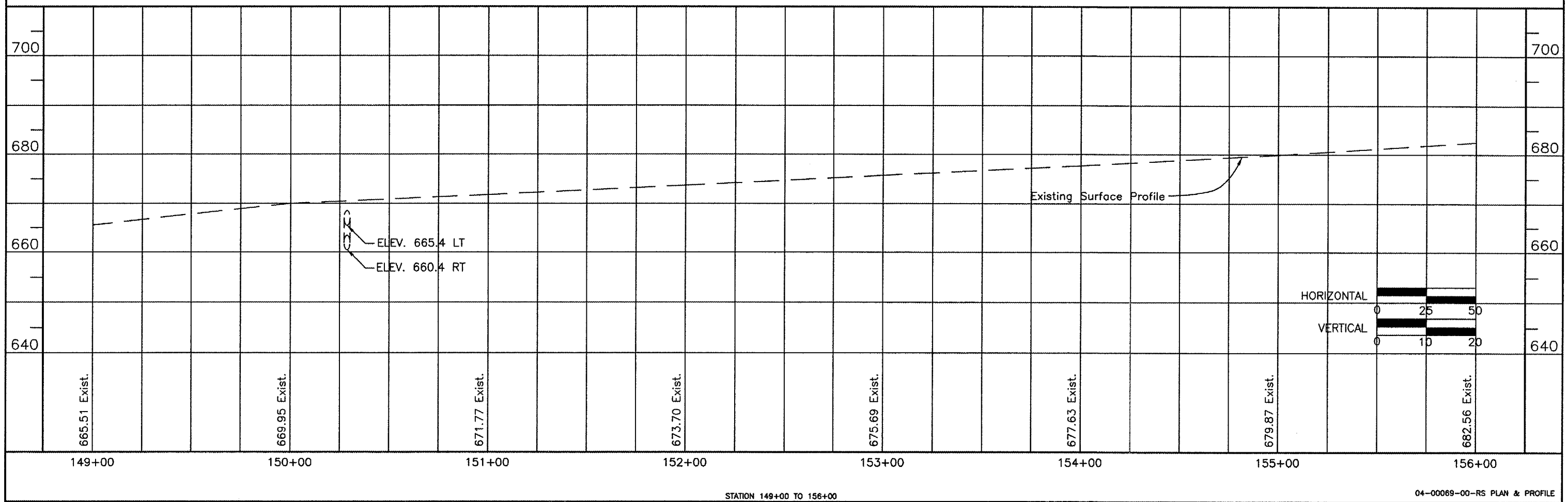
SE 1/4 SW 1/4
SEC 36 T10S R8E
UNITED STATES OF AMERICA

STA 150+23
EXISTING 18" DIA. CMPC 50'
INSERT CUL LIN 16 - 50 FOOT
P CUL 1 RCCP 18 - 3 FOOT RT
PRC FLAR END SEC 18 - 1 LT & 1 RT
CONCRETE COLLARS 1 LT & 1 RT



CURVE DATA
 DELTA = 54°16'11"
 D = 6°00'09"
 TAN = 489.20'
 RAD = 954.55'
 LEN = 904.13'
 P.C. STA. 142+72.86
 P.I. STA. 147+62.06
 P.I. STA. 151+76.99

STA 154+75
EXISTING 12" DIA. CMPC 30'
PIPE CULVERT REMOVAL 30' FOOT
P CUL 1 CS/A CP 12 - 30 FOOT, 26' RT
METAL END SEC 12 - 2 (1 EACH END)
FL UP ELEV 674.9
FL DOWN ELEV 674.5



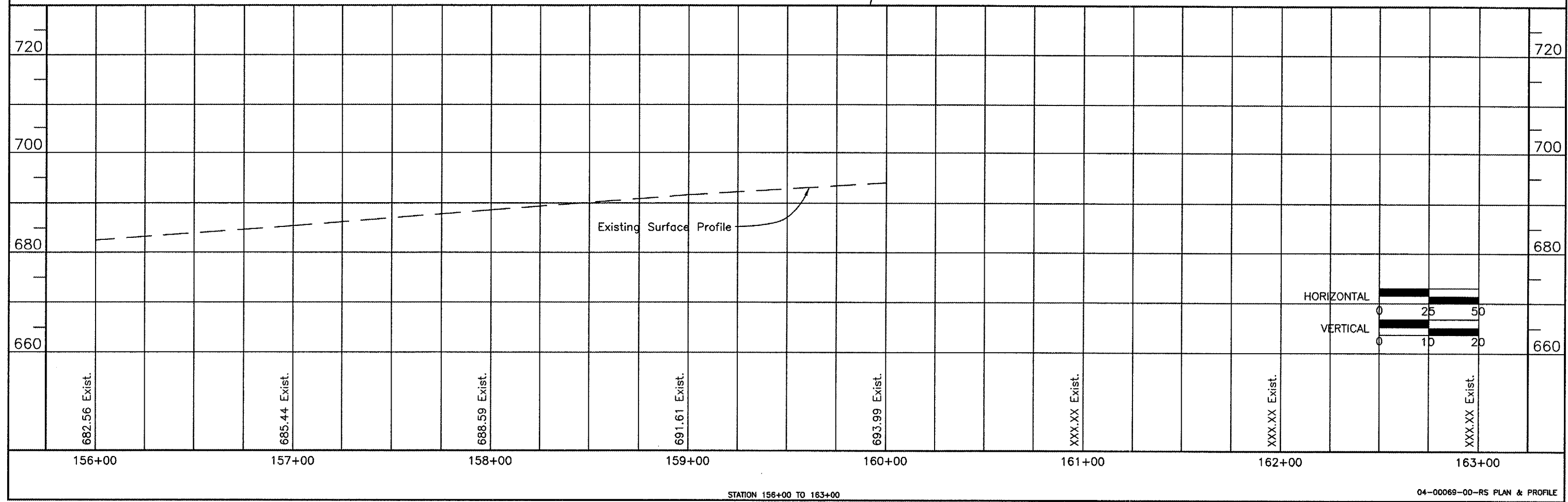
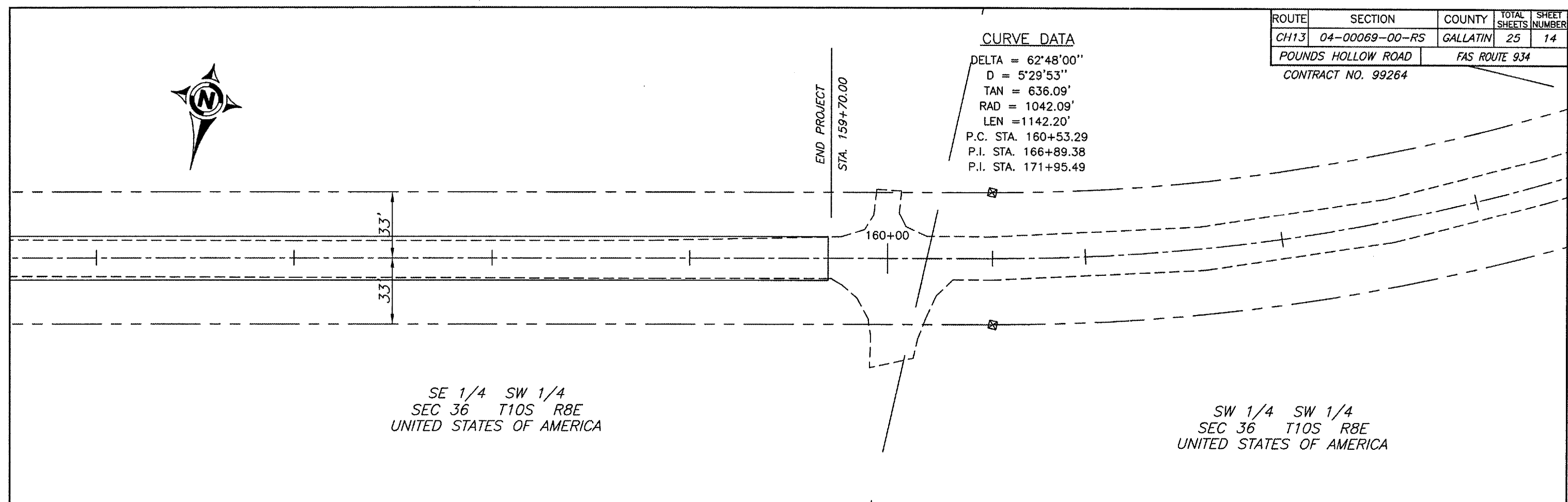
STATION 149+00 TO 156+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH13	04-00069-00-RS	GALLATIN	25	14
POUNDS HOLLOW ROAD		FAS ROUTE 934		
CONTRACT NO. 99264				

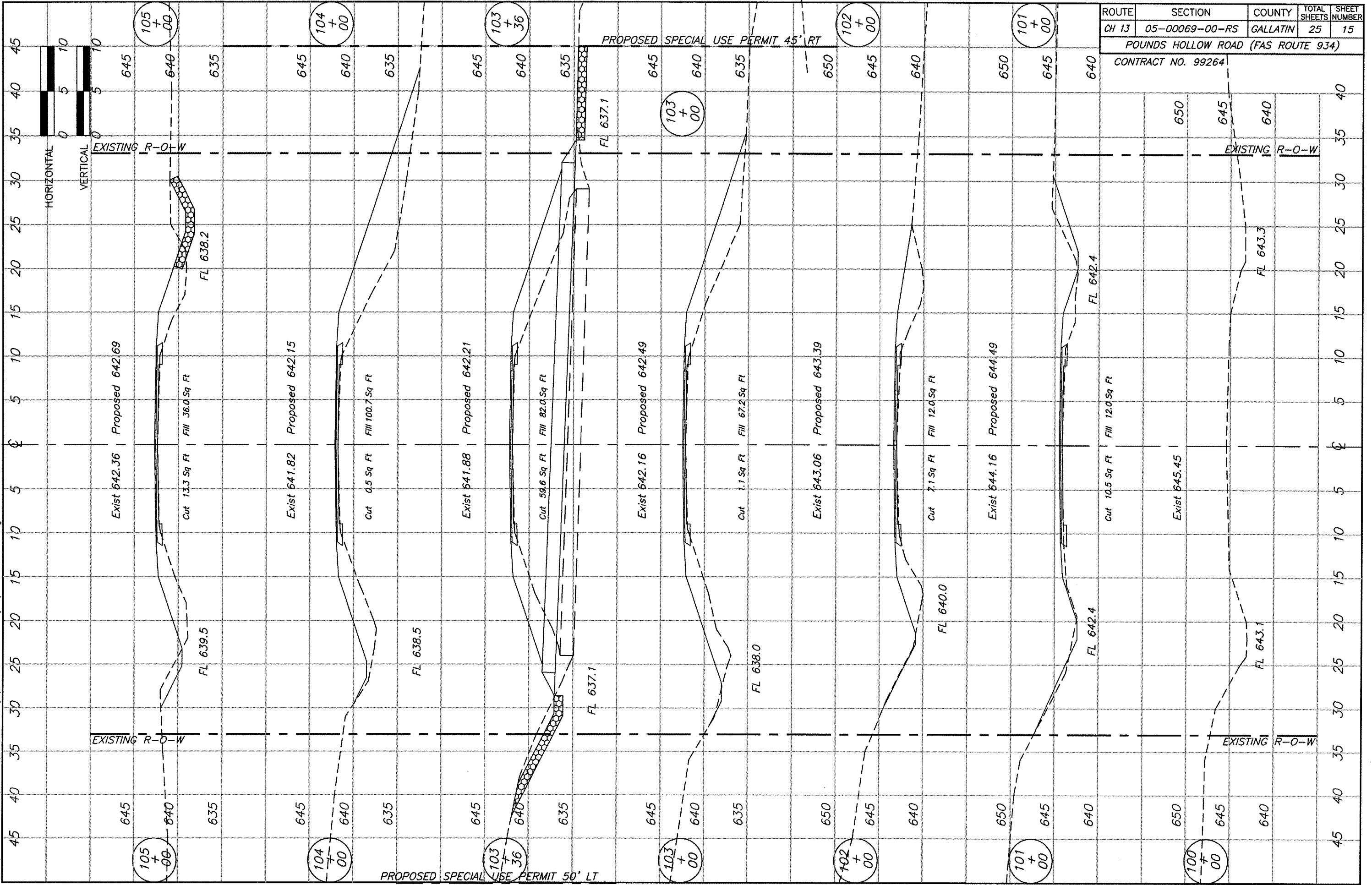
CURVE DATA
 DELTA = 62°48'00"
 D = 5°29'53"
 TAN = 636.09'
 RAD = 1042.09'
 LEN = 1142.20'
 P.C. STA. 160+53.29
 P.I. STA. 166+89.38
 P.L. STA. 171+95.49



END PROJECT
 STA. 159+70.00



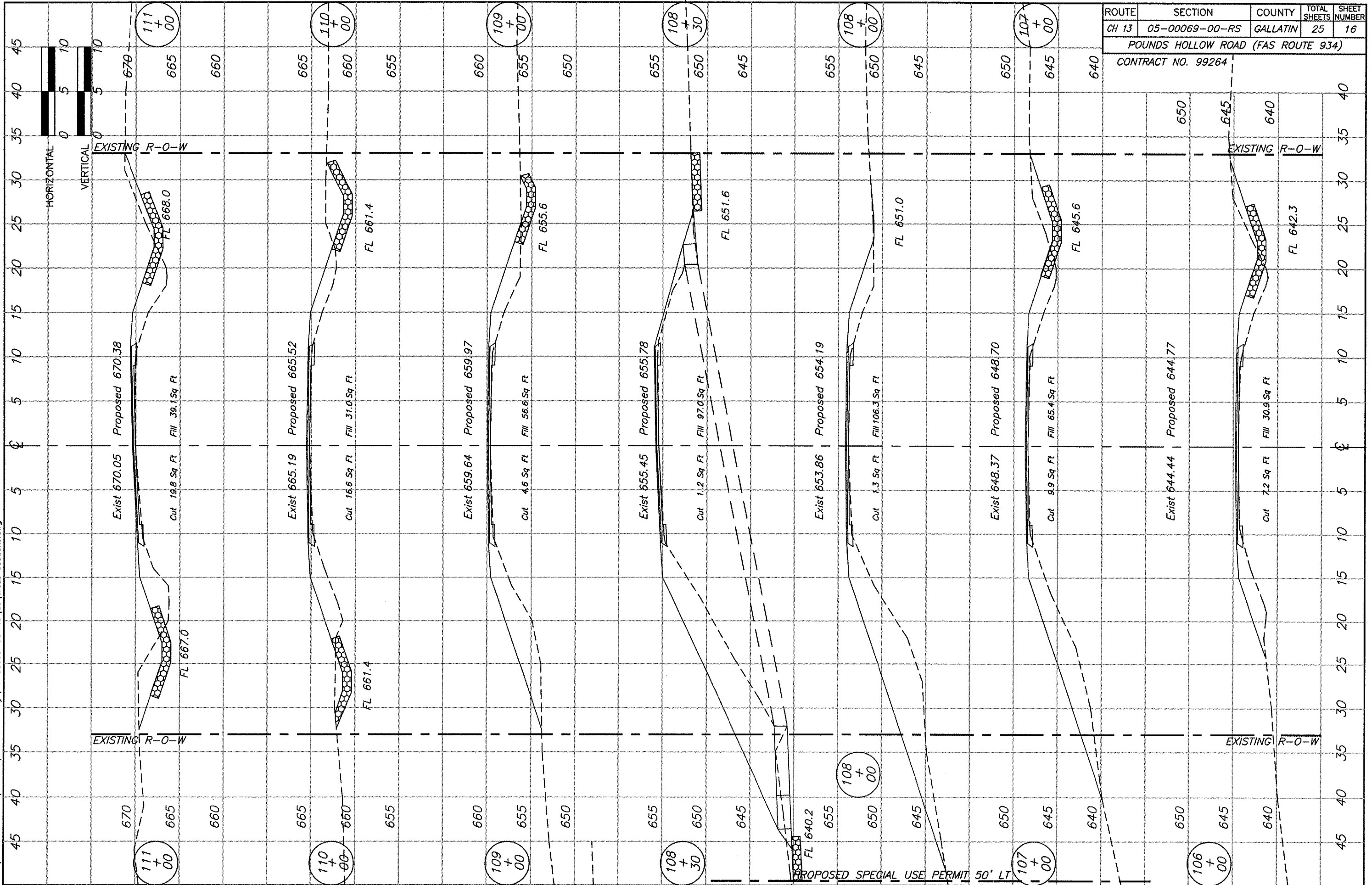
03 Apr 2006 - 6:51pm E:\Gallatin County\04-00069-00-RS\ac\cross sections.dwg



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	15

POUNDS HOLLOW ROAD (FAS ROUTE 934)
CONTRACT NO. 99264

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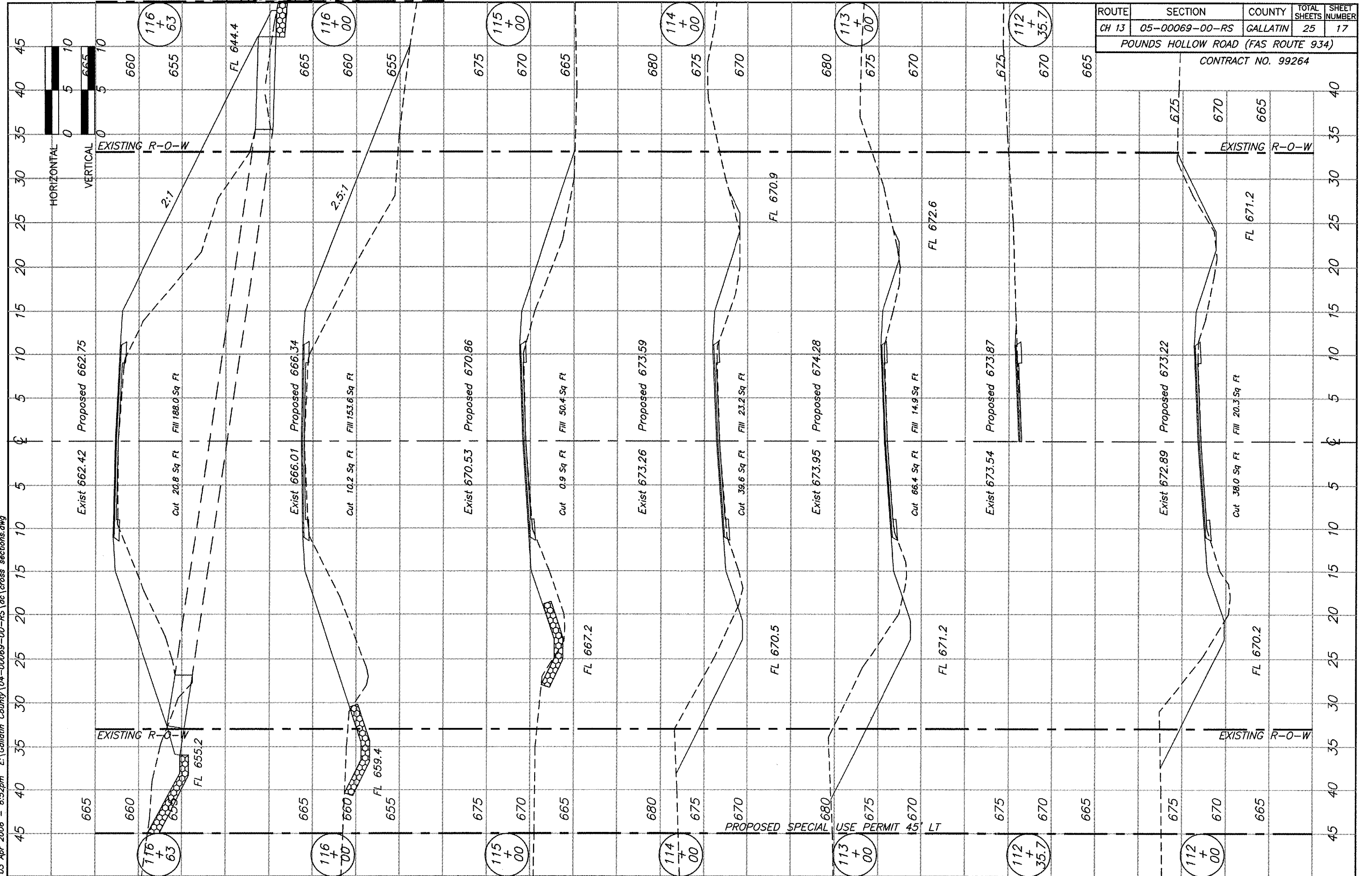


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	16

POUNDS HOLLOW ROAD (FAS ROUTE 934)
CONTRACT NO. 99264

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PROPOSED SPECIAL USE PERMIT 50' RT



HORIZONTAL

VERTICAL

EXISTING R-O-W

EXISTING R-O-W

PROPOSED SPECIAL USE PERMIT 45' LT

EXISTING R-O-W

EXISTING R-O-W

Exist 662.42 Proposed 662.75

Cut 20.8 Sq Ft Fill 188.0 Sq Ft

Exist 666.01 Proposed 666.34

Cut 10.2 Sq Ft Fill 153.6 Sq Ft

Exist 670.53 Proposed 670.86

Cut 0.9 Sq Ft Fill 50.4 Sq Ft

Exist 673.26 Proposed 673.59

Cut 39.6 Sq Ft Fill 23.2 Sq Ft

Exist 673.95 Proposed 674.28

Cut 66.4 Sq Ft Fill 14.9 Sq Ft

Exist 673.54 Proposed 673.87

Exist 672.89 Proposed 673.22

Cut 38.0 Sq Ft Fill 20.3 Sq Ft

116 + 63

116 + 00

115 + 00

114 + 00

113 + 00

112 + 35.7

116 + 63

116 + 00

115 + 00

114 + 00

113 + 00

112 + 35.7

FL 644.4

665

660

655

675

670

665

680

675

670

680

675

670

675

670

665

675

670

665

40

35

30

25

20

15

10

5

0

5

10

15

20

25

30

35

40

45

40

35

30

25

20

15

10

5

0

2:1

2.5:1

FL 670.9

FL 672.6

FL 671.2

FL 667.2

FL 670.5

FL 671.2

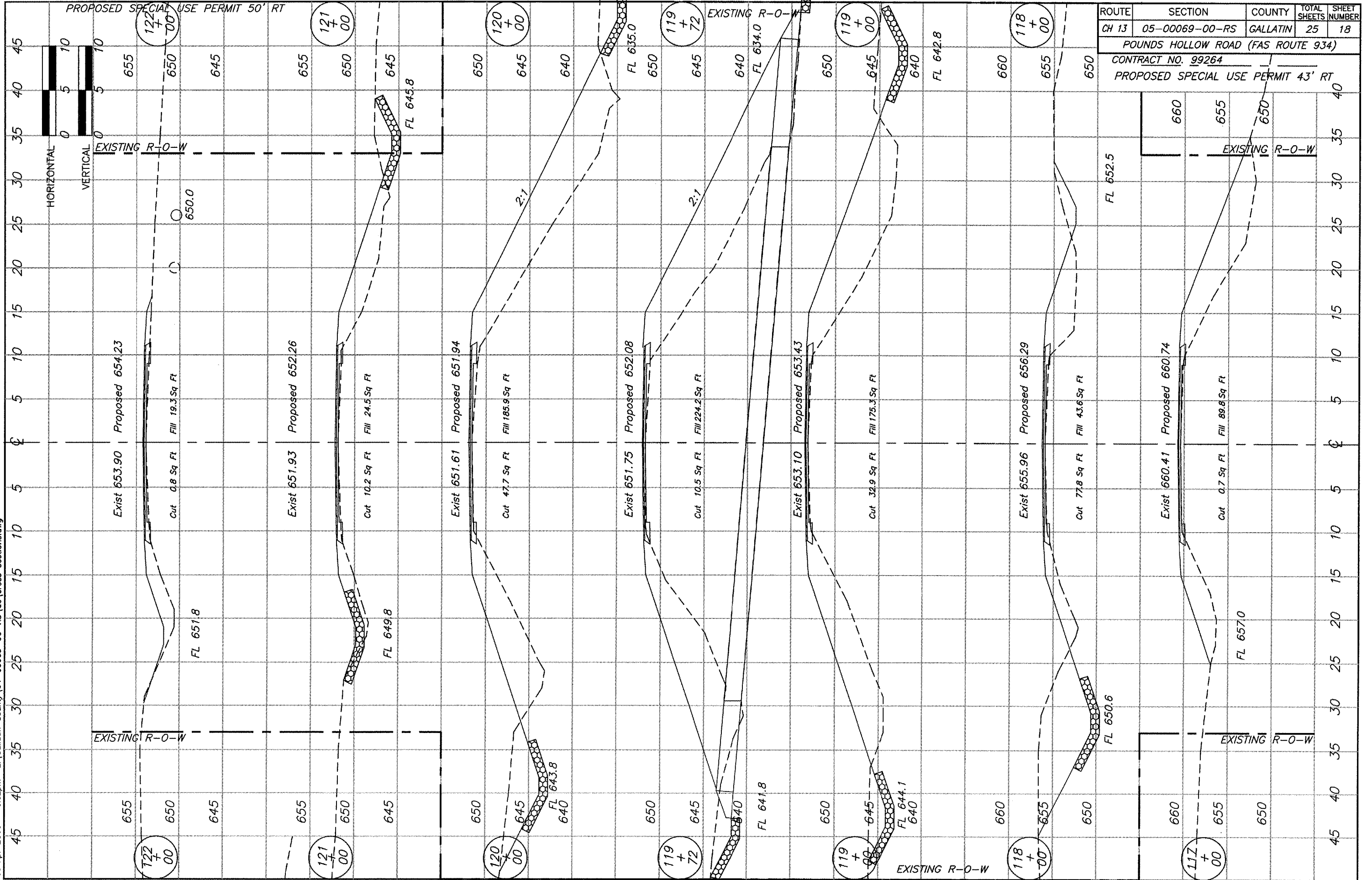
FL 670.2

FL 655.2

FL 659.4

PROPOSED SPECIAL USE PERMIT 55' RT

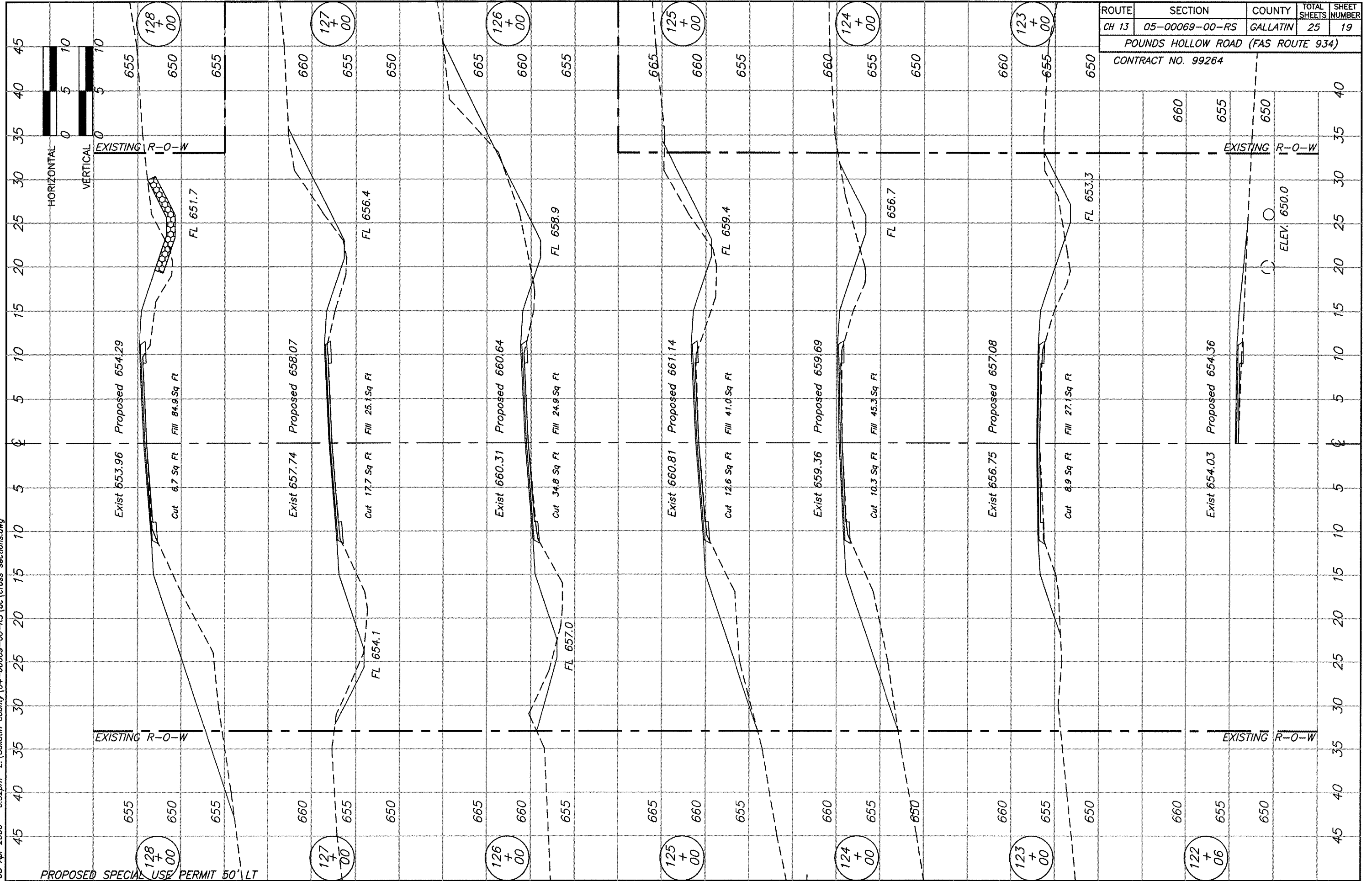
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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	18
POUNDS HOLLOW ROAD (FAS ROUTE 934)				
CONTRACT NO. 99264				
PROPOSED SPECIAL USE PERMIT 43' RT				

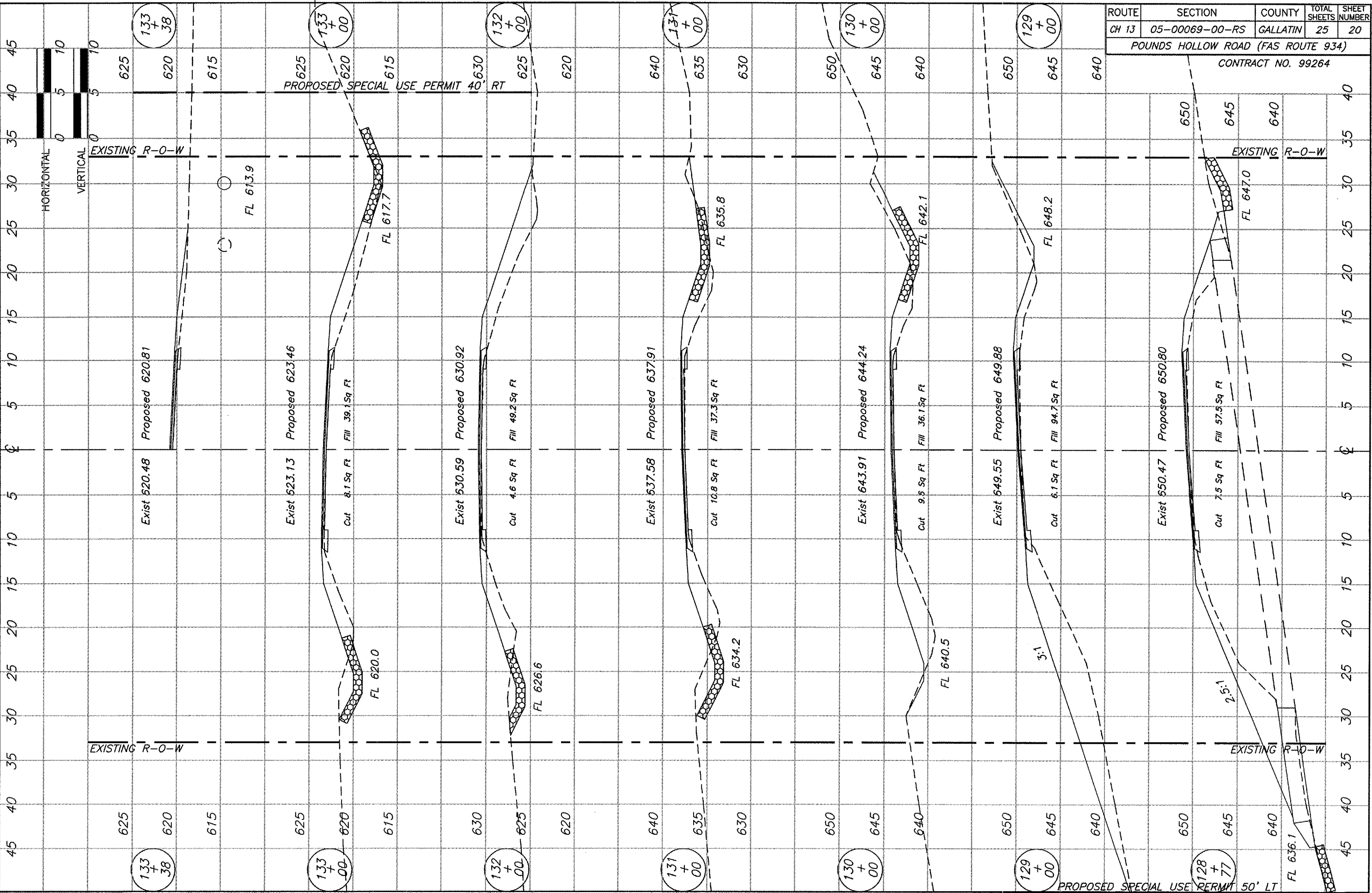
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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	19
POUNDS HOLLOW ROAD (FAS ROUTE 934)				
CONTRACT NO. 99264				



PROPOSED SPECIAL USE PERMIT 50' LT

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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	20

POUNDS HOLLOW ROAD (FAS ROUTE 934)

CONTRACT NO. 99264

PROPOSED SPECIAL USE PERMIT 50' LT

PROPOSED SPECIAL USE PERMIT 40' RT

EXISTING R-O-W

EXISTING R-O-W



Exist 620.48 Proposed 620.81

Exist 623.13 Proposed 623.46

Exist 630.59 Proposed 630.92

Exist 637.58 Proposed 637.91

Exist 643.91 Proposed 644.24

Exist 649.55 Proposed 649.88

Exist 650.47 Proposed 650.80

133+38

133+00

132+00

131+00

130+00

129+00

128+77

133+38

133+00

132+00

131+00

130+00

129+00

625

620

615

625

620

615

630

625

620

640

635

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645

640

EXISTING R-O-W

EXISTING R-O-W

FL 613.9

FL 617.7

FL 620.0

FL 626.6

FL 634.2

FL 635.8

FL 640.5

FL 642.1

3:1

FL 648.2

2.5:1

FL 647.0

FL 636.1

Cut 8.1 Sq Ft

Fill 39.1 Sq Ft

Cut 4.6 Sq Ft

Fill 49.2 Sq Ft

Cut 10.8 Sq Ft

Fill 37.3 Sq Ft

Cut 9.5 Sq Ft

Fill 36.1 Sq Ft

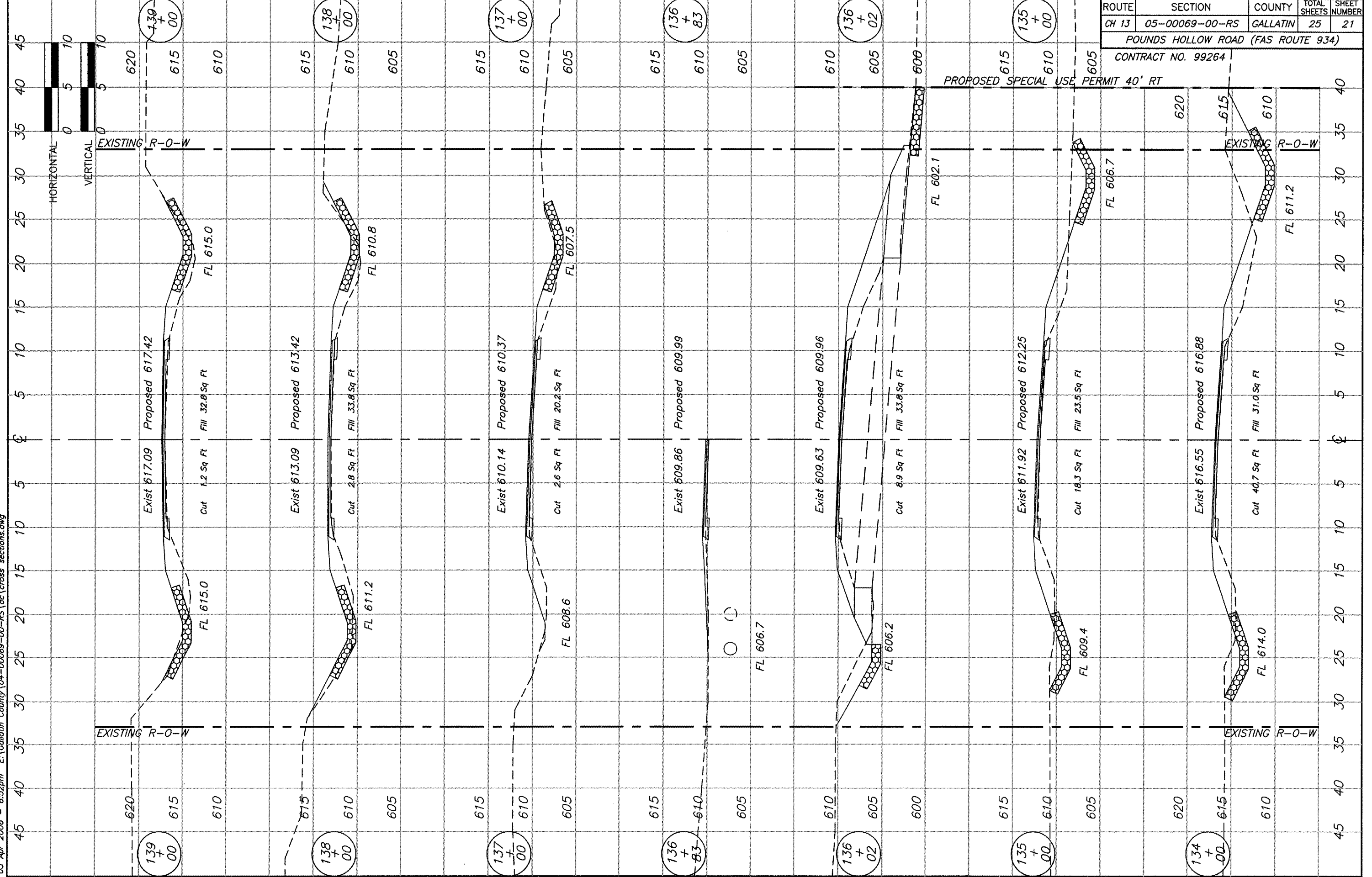
Cut 6.1 Sq Ft

Fill 94.7 Sq Ft

Cut 7.5 Sq Ft

Fill 57.5 Sq Ft

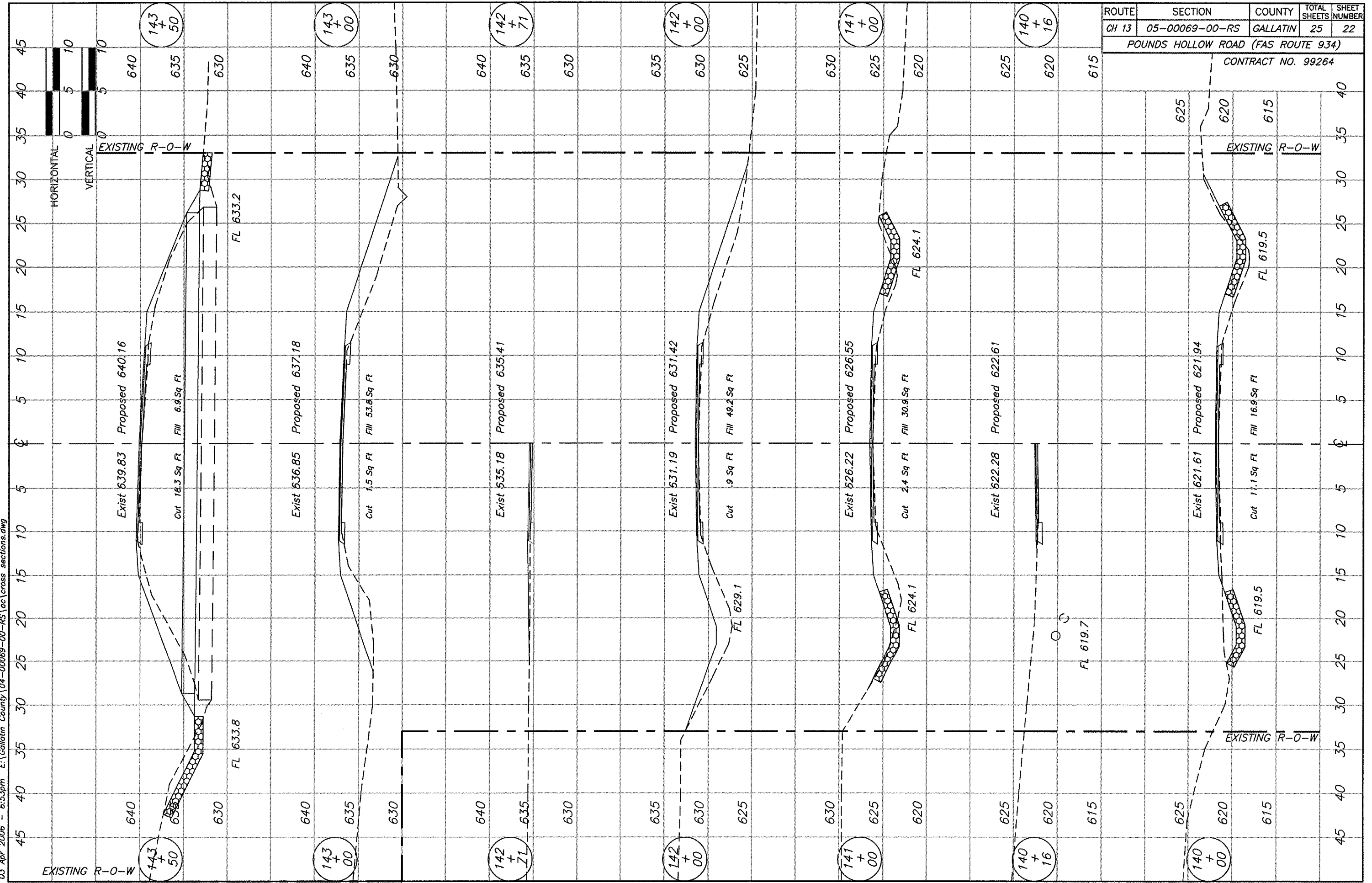
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	21
POUNDS HOLLOW ROAD (FAS ROUTE 934)				
CONTRACT NO. 99264				



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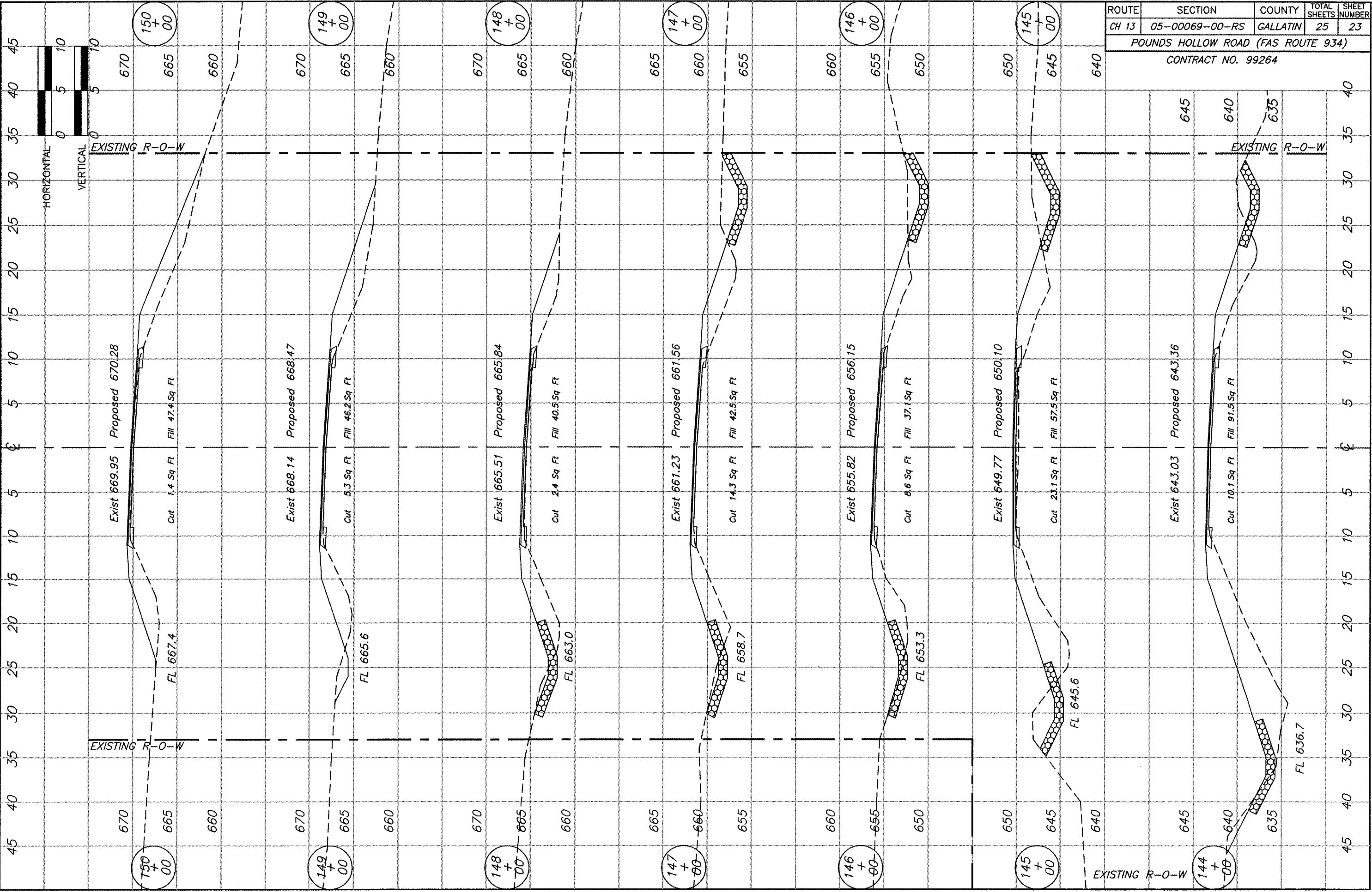
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	22

POUNDS HOLLOW ROAD (FAS ROUTE 934)
CONTRACT NO. 99264



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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	23
POUNDS HOLLOW ROAD (FAS ROUTE 934)				
CONTRACT NO. 99264				



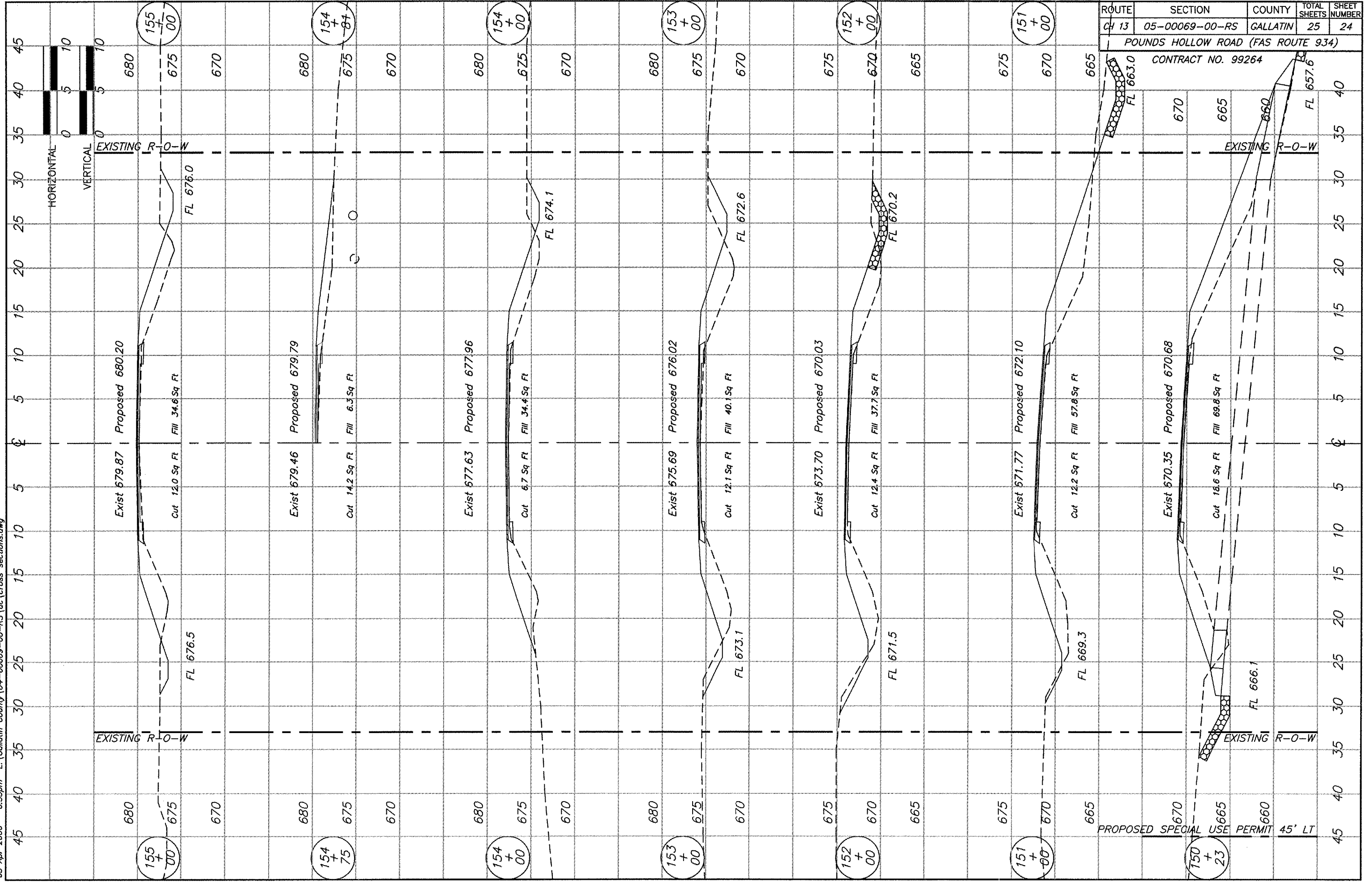
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PROPOSED SPECIAL USE PERMIT 50' RT

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	24

POUNDS HOLLOW ROAD (FAS ROUTE 934)

CONTRACT NO. 99264



PROPOSED SPECIAL USE PERMIT 45' LT

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
CH 13	05-00069-00-RS	GALLATIN	25	25
POUNDS HOLLOW ROAD (FAS ROUTE 934)				
CONTRACT NO. 99264				

