

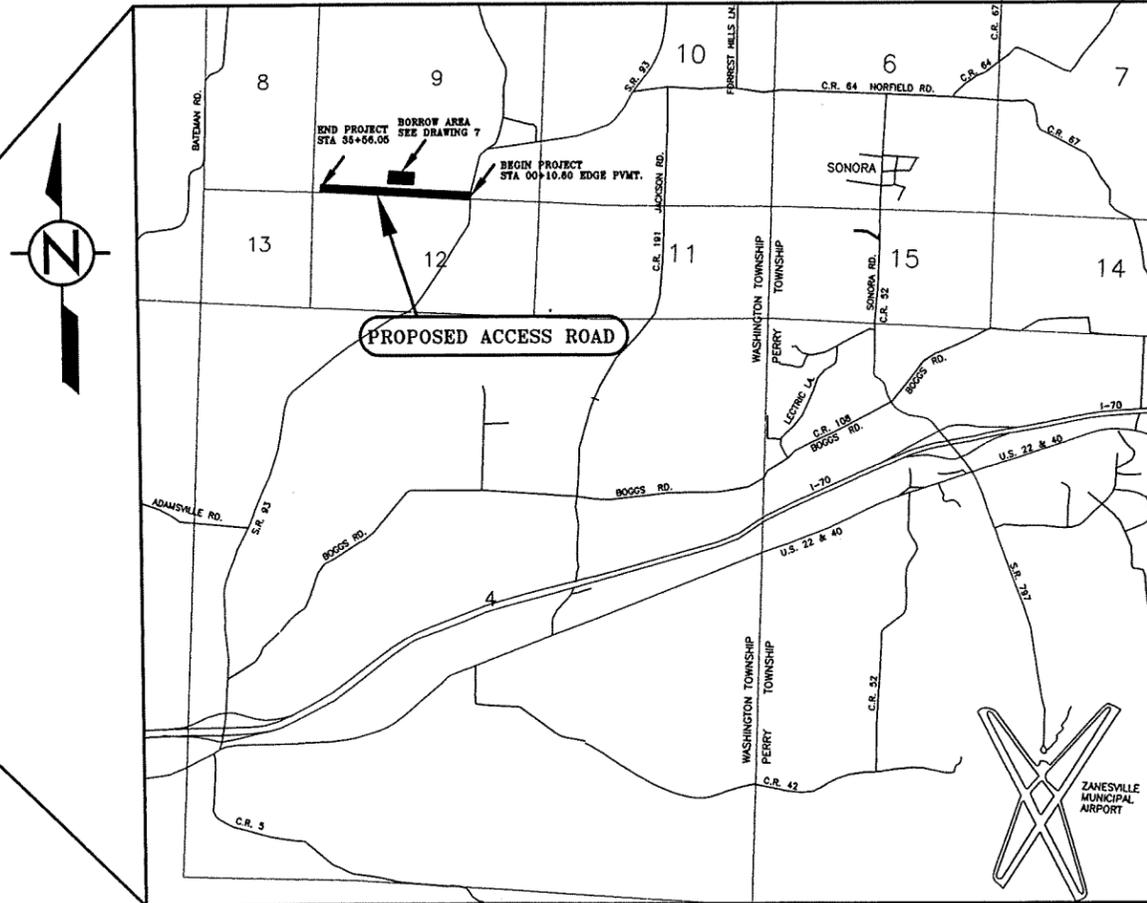
Zanesville - Muskingum County Port Authority Dollar General Access Road Project Project # 20877

SHEET INDEX

SHEET #	TITLE
1	TITLE SHEET, LOCATION MAP & INDEX OF DRAWINGS
2	TYPICAL SECTIONS
3	CALCULATIONS
4	GENERAL NOTES
5	GENERAL SUMMARY
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47	EARTHWORK VOLUME TABLES
48 - 50	BORING LOCATIONS
51 - 52	UNDERDRAIN OUTLETS



STATE OF OHIO
NTS



LOCATION MAP
SCALE: 1" = 2000'

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS			
HW 2	6-1-65	GR 5.2	10-30-92
GR 2.1	5-6-91	DM 1.1	
GR 4.3	2-21-92	DM 1.2	
GR 4.4	2-21-92		

UNDERGROUND UTILITIES
CALL OHIO UTILITIES PROTECTION SERVICE TWO WORKING DAYS BEFORE YOU DIG!
OUPS PHONE# : 1-800-362-2764
NON-MEMBERS MUST BE CALLED DIRECTLY.

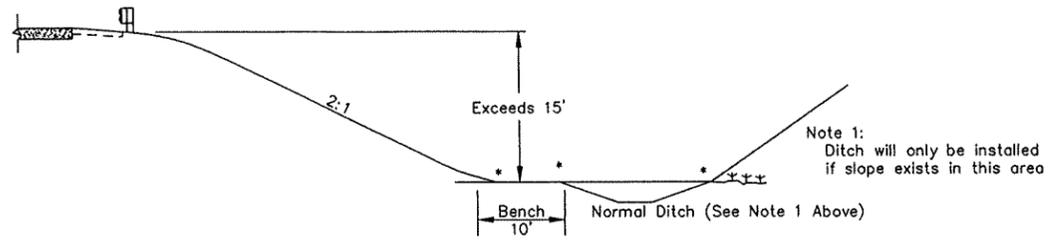
ZANESVILLE - MUSKINGUM COUNTY PORT AUTHORITY
Larry E. Merry Executive Director
Tom Barone Chairman
Jack Downing Vice Chairman
Charles J. Deveny, Jr. Member
Richard O. Johnson Member
Jim Jordan Member

PLANS PREPARED BY:

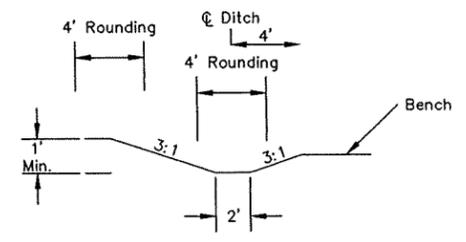
T. CHRIS WILSON, PE, PS
PROJECT ENGINEER

DATE:

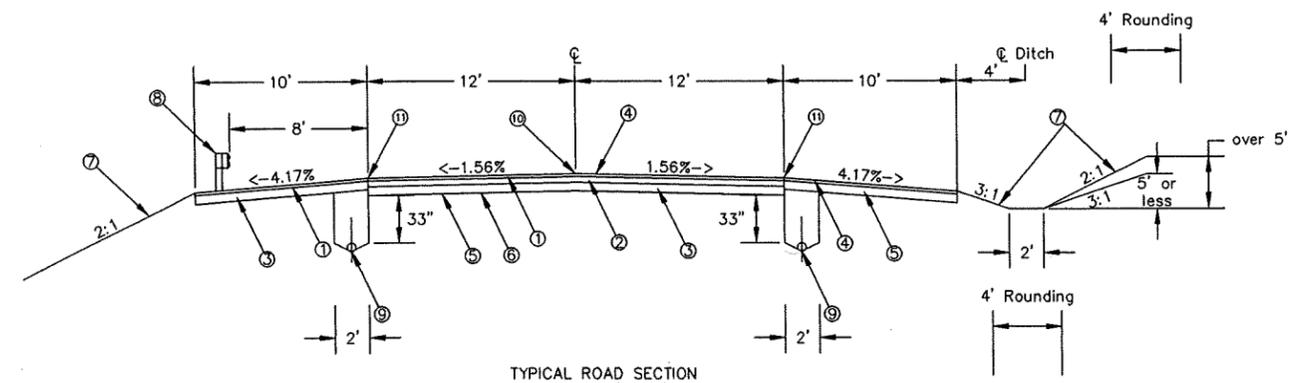




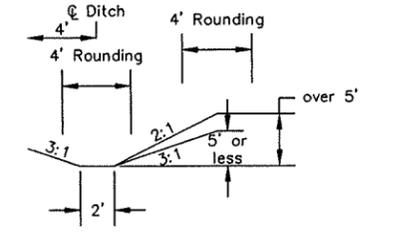
TYPICAL BENCH SECTION
NTS
* 4' Rounding



TYPICAL DITCH SECTION (FILL)
SCALE: 1" = 5'



TYPICAL ROAD SECTION
SCALE: 1" = 5'
STATION 0+00 TO 35+56.05



TYPICAL DITCH SECTION (CUT)
SCALE: 1" = 5'

LEGEND

REF.	ITEM	DESCRIPTION
①	448	1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22
②	448	4 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64-22
③	304	6" AGGREGATE BASE
④	407	TACK COAT FOR INTERMEDIATE COARSE
⑤	203	SUBGRADE COMPACTION
⑥	203	PROOF ROLLING
⑦	659	SEEDING AND MULCHING
⑧	606	GUARDRAIL, TYPE 5
⑨	605	6" SHALLOW PIPE UNDERDRAINS
⑩	642	4" DOUBLE YELLOW CENTERLINE, TYPE 1 STATION 0+00 TO 35+56.05
⑪	642	4" WHITE EDGE LINE, TYPE 1 STATION 0+00 TO 35+56.05 LEFT AND RIGHT

GUARD RAIL LOCATIONS

Sta. 18+50 to 35+56.05 Left
 Sta. 18+50 to 35+56.05 Right
 Item 606, Guardrail, Type 5, with ends per Standard Construction Drawing GR-5.3, ends at station 18+50 and 35+56.05 Left
 Item 606, Guardrail, Type 5, with ends per Standard Construction Drawing GR-5.3, ends at station 18+50 and 35+56.05 Right

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 1218 SL. Rt. 03 NE
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 Port Authority
 Zanesville, Ohio 43701

SCALE	AS SHOWN	CHECKED	TCW
DATE	9/15/99	APPROVED	
REVISED	10/5/99	CERTIFIED	
DRAWN	VP Jr.		

Dollar General
 Access Road
 Typical Sections

CALCULATIONS

ITEM 203 SUBGRADE COMPACTION:

2,766 C.Y. IS AN ESTIMATED QUANTITY FOR THE PROJECT.
THE EXACT LOCATION SHAL BE FIELD DETERMINED
BY THE ENGINEER.

ITEM 203 PROOF ROLLING:

SUBGRADE COMPACTION FOR PAVED AREA = 17,332 S.Y.
(17332 S.Y.) (1HR. / 3000 S.Y.) = 5.8 HOURS

ITEM 304 AGGREGATE BASE:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (44' WIDE) (0.5' THK.) / 27 = 2889 C.Y.

ITEM 407 TACK COAT FOR INTERMEDIATE COARSE:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (24' WIDE) / 9 = 9454 S.Y.
(9454 S.Y.) (0.05 GAL./S.Y.) = 473 GAL.

ITEM 448 4 1/2" ASPHALT CONCRETE, TYPE 2:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (24' WIDE) (0.375' THK.) / 27 = 1182 C.Y.

STA. 00+10.80 TO STA. 00+56.42 RIGHT ENTRANCE AREA = 456.83 S.F.
(456.83 S.F.) (0.375' THK.) / 27 = 6.35 C.Y.

STA. 00+10.80 TO STA. 00+62.59 LEFT ENTRANCE AREA = 572.93 S.F.
(572.93 S.F.) (0.375' THK.) / 27 = 7.96 C.Y.

TOTAL: 1196 C.Y.

ITEM 448 1 1/2" ASPHALT CONCRETE, TYPE 1:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (44' WIDE) (0.125' THK.) / 27 = 722 C.Y.

STA. 00+10.80 TO STA. 00+56.42 RIGHT ENTRANCE AREA = 456.83 S.F.
(456.83 S.F.) (0.125' THK.) / 27 = 2.12 C.Y.

STA. 00+10.80 TO STA. 00+62.59 LEFT ENTRANCE AREA = 572.93 S.F.
(572.93 S.F.) (0.125' THK.) / 27 = 2.65 C.Y.

TOTAL: 727 C.Y.

ITEM 605 6" SHALLOW PIPE UNDERDRAIN:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (2) = 7091 L.F.

ITEM 642 CENTERLINE, TYPE 2:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (2) = 7091 L.F.

ITEM 642 EDGE LINE, TYPE 2:

STA. 00+10.80 TO STA. 35+56.05 = 3545.25'
(3545.25') (2) = 7091 L.F.

ITEM 877 TEMPORARY SEEDING AND MULCHING:

SEEDING AND MULCHING (ITEM 659) = 22045 S.Y.
(22045 S.Y.) (10%) = 2205 S.Y.

GENERAL NOTES

ITEM 407 TACK COAT FOR INTERMEDIATE COARSE

TO ADJUSTMENT AS DIRECTED BY THE ENGINEER, PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION OF 0.050 GALLONS PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CHLORIDE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616 WATER 50 M. GAL.
ITEM 616 CALCIUM CHLORIDE 5 TON

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

ITEM 203 PROOF ROLLING

THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY, TO BE USED AS DIRECTED BY THE PROJECT ENGINEER, TO PERFORM THE WORK AS DESCRIBED PER ITEM 203.14.

(17,332 SQ. YD. SUBGRADE COMPACTION FOR PAVED AREA / 3,000 = 5.8 HOURS)

ITEM 203 PROOF ROLLING 5.8 HOUR

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR THE ITEMS DESIGNATED BY PLAN NOT TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS PLACED BY THE CONTRACTOR WITH THE ENGINEER'S CONCURRENCE FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

877, TEMPORARY SEEDING AND MULCHING 2,205 SQ. YD.

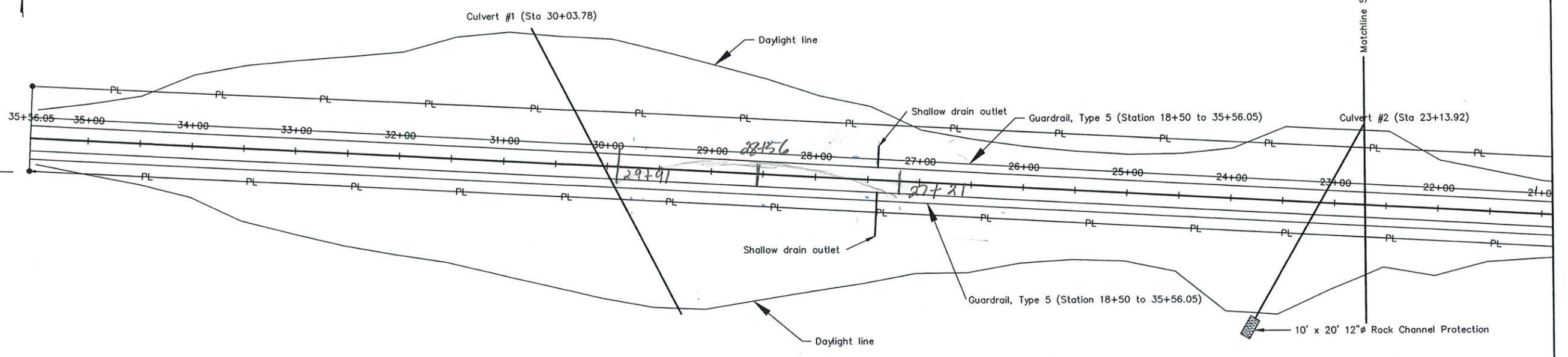
LOCATION OF GUARDRAIL

THE LOCATION OF GUARDRAIL RUNS, AS SHOWN IN THESE PLANS, ARE SUBJECT TO ADJUSTMENT PRIOR TO FINAL ACCEPTANCE. THE ENGINEER SHALL BE SATISFIED THAT ALL INSTALLATIONS WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

<i>The J&W Company</i> 1218 St. Rt. 93 NE New Lexington, Ohio 43764 (740) 342-5131		ENGINEERING	Zanesville-Muskingum County Port Authority Zanesville, Ohio 43701	SCALE	As Shown	CHECKED	TCW	Dollar General Access Road General Notes	4
		SURVEYING		DATE	9/30/99	APPROVED			
		RESOURCE DEVELOPMENT		REVISED		CERTIFIED			
				DRAWN	VP Jr.				

GENERAL SUMMARY

SHEET NUMBER								ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION
3	6	7	8	46	47	51	52					
					128,824			203	20000	141,088	C.Y.	EMBANKMENT
					12,879			203	12000	12,898	C.Y.	EXCAVATION, NOT INCLUDING EMBANKMENT CONSTRUCTION
2,766								203	50000	2,766	C.Y.	SUBGRADE COMPACTION
5.8								203	45000	5.8	HOUR	PROOF ROLLING
2,889								304	20000	2,889	C.Y.	AGGREGATE BASE
473								407	14000	473	GAL.	TACK COAT FOR INTERMEDIATE COURSE
1,196								448	47020	1,196	C.Y.	4 1/2" ASPHALT CONCRETE, TYPE 2
727								448	47050	727	C.Y.	1 1/2" ASPHALT CONCRETE, TYPE 1
		8						601	32200	8	C.Y.	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
				6				602	20000	6	EACH	CONCRETE MASONRY
						126	64	603	01500	190	L.F.	6" TYPE F CONDUIT
				85				603	05700	85	L.F.	15" TYPE A, 706.02 CONDUIT
				248				603	13200	248	L.F.	30" TYPE A, 706.02 CONDUIT
				309				603	16200	309	L.F.	36" TYPE A, 706.02 CONDUIT
						4	2	604	36600	6	EACH	PRECAST REINFORCED CONCRETE OUTLET
7,091								605	11000	7,091	L.F.	6" SHALLOW PIPE UNDERDRAIN
	2,571		841					606	13000	3,412	L.F.	GUARDRAIL, TYPE 5
	2		2					606	16010	4	EACH	GUARDRAIL ENDS, B-98
								616	10000	50	M GAL	WATER
								616	20000	5	TON	CALCIUM CHLORIDE
								623	10000	1	L.S.	CONSTRUCTION LAYOUT STAKES
								624	10000	1	L.S.	MOBILIZATION
7,091								642	00302	7,091	L.F.	CENTERLINE, TYPE 2
7,091								642	00102	7,091	L.F.	EDGE LINE, TYPE 2
	16,637		3,609		1,799			659	10000	22,045	S.Y.	SEEDING AND MULCHING
2,205								877	10000	2,205	S.Y.	TEMPORARY SEEDING AND MULCHING
	2,692		2,223		2,394			877	30100	7,309	L.F.	TEMPORARY PERIMETER FILTER FABRIC FENCE



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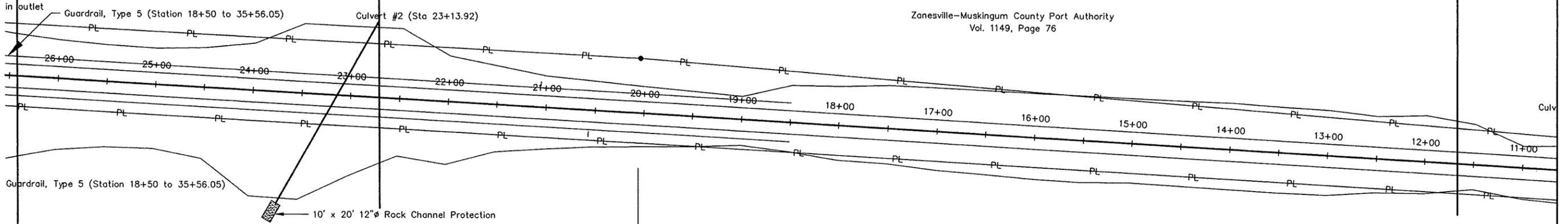
<p>The JGW Company 1218 St. Rt. 93 NE New Lexington, Ohio 43764 (740) 342-5131</p>		ENGINEERING	SCALE 1" = 50'	CHECKED TCW	<p>Dollar General Access Road Plan View</p>
		SURVEYING	DATE 8/31/99	APPROVED	
		RESOURCE DEVELOPMENT	REVISED 10/29/99	CERTIFIED	
			DRAWN VP Jr.		
<p>Zanesville-Muskingum County Port Authority Zanesville, Ohio 43701</p>					6



Matchline Sheet 6 and 7

Note:

- (1) Borrow area shall be on the Zanesville - Muskingum County Port Authority property from property line to property line as shown on this drawing and on the north side of the right-of-way line.
- (2) Borrow material shall be removed in a manner starting at the north right-of-way line and continuously removed from the Zanesville - Muskingum County Port Authority property line to the Zanesville - Muskingum County Port Authority Property Line to an elevation of 910 MSL.
- (3) Once all the borrow material has been removed, the area will be graded to drain and then be seeded and mulched.



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Port Authority
Zanesville, Ohio 43701

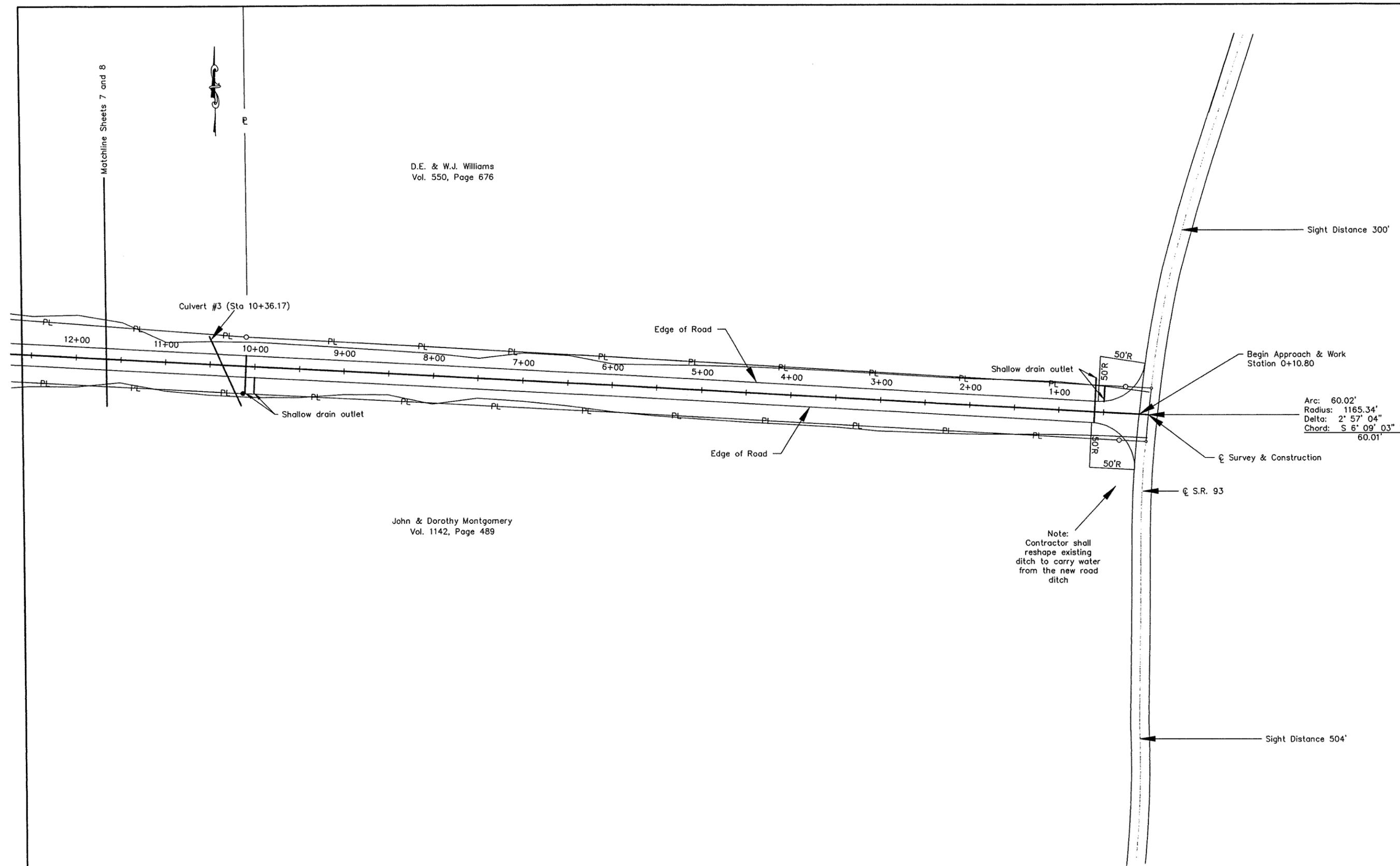
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DATE	8/31/99	APPROVED	
REVISED	11/1/99	CERTIFIED	
DRAWN	VP Jr.		

Dollar General
Access Road
Plan View

Matchline Sheets 7 and 8

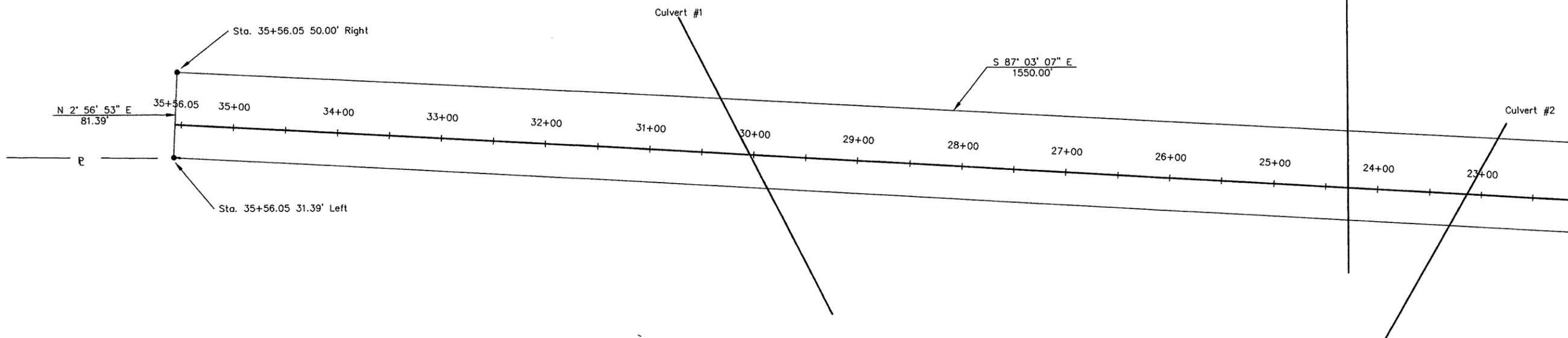
D.E. & W.J. Williams
Vol. 550, Page 676

John & Dorothy Montgomery
Vol. 1142, Page 489





Dollar General
Vol. _____, Page _____



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LEGEND

- IRON PIN SET
- IRON PIN FOUND

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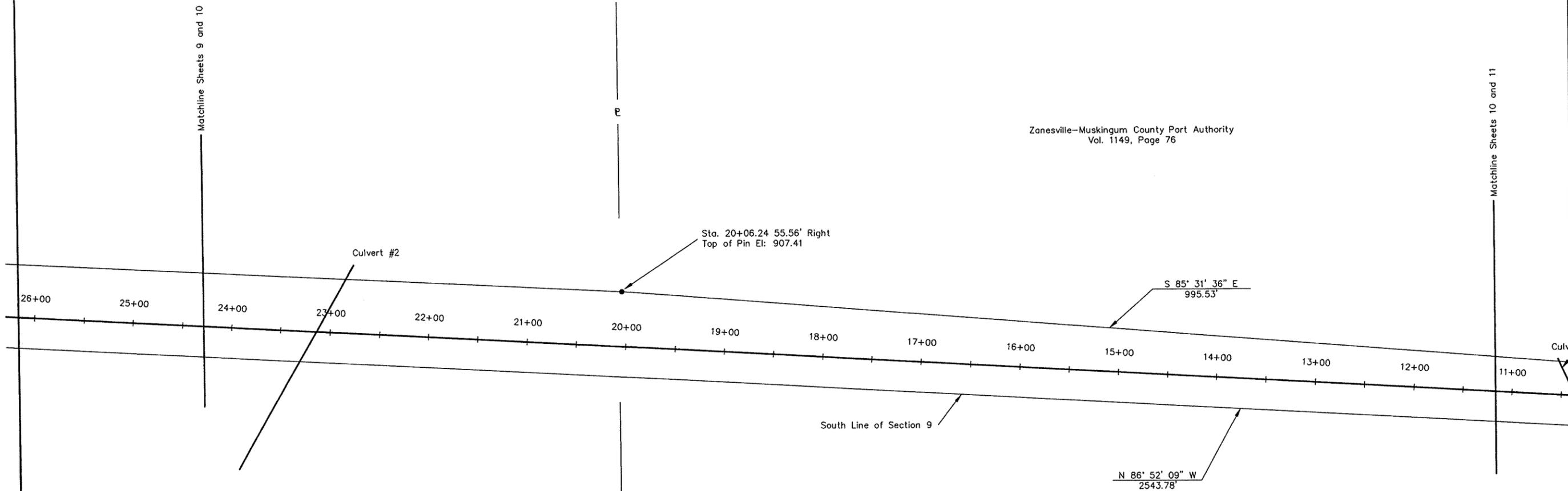
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 Port Authority
 Zanesville, Ohio 43701

SCALE	1" = 50'	CHECKED	TCW
DATE	9/2/99	APPROVED	
REVISED	10/28/99	CERTIFIED	
DRAWN	wp Jr.		

Dollar General
 Access Road
 Alignment

Zanesville-Muskingum County Port Authority
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LEGEND
 • IRON PIN SET
 ○ IRON PIN FOUND

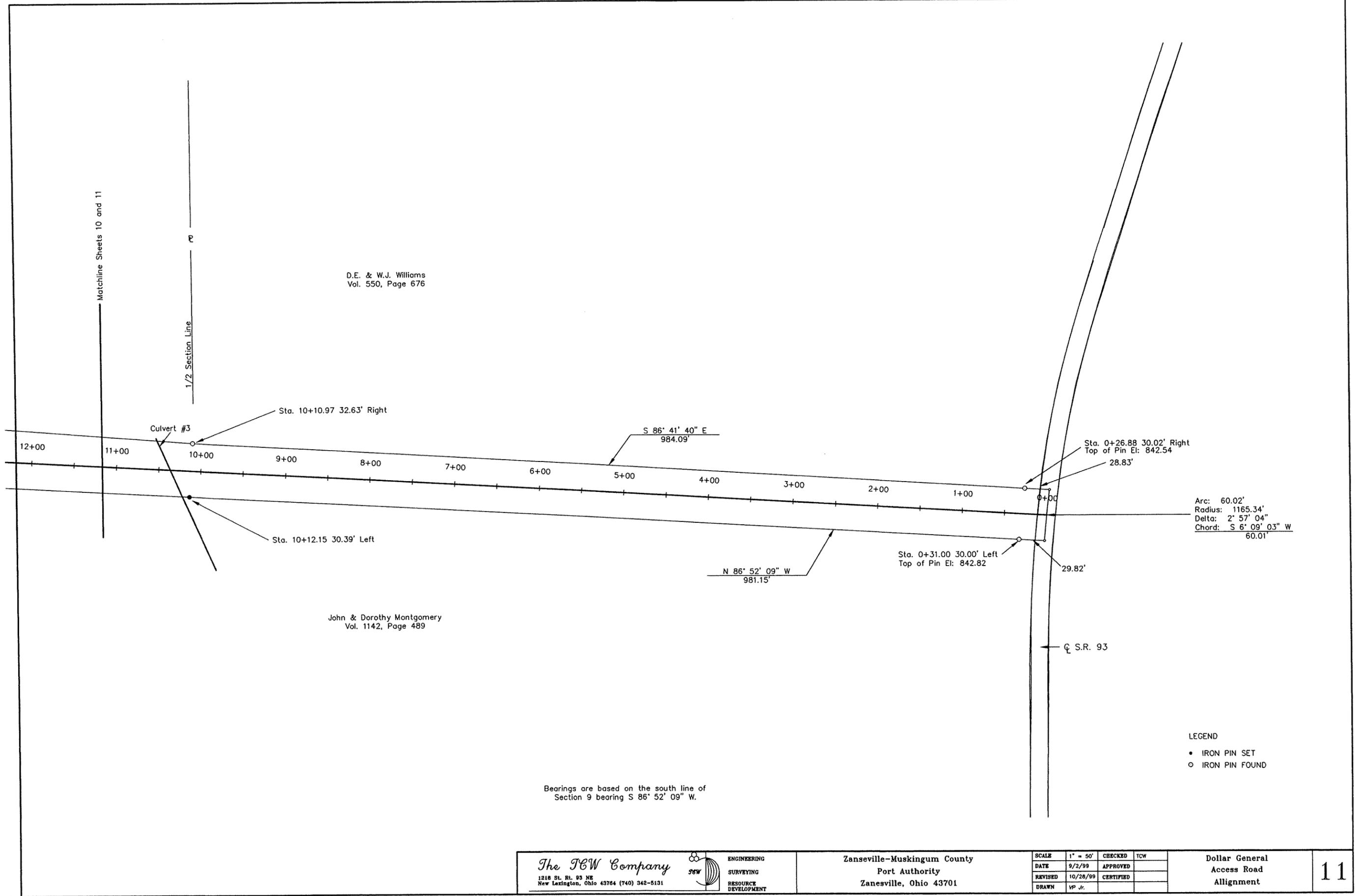
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Dollar General
 Access Road
 Allignment



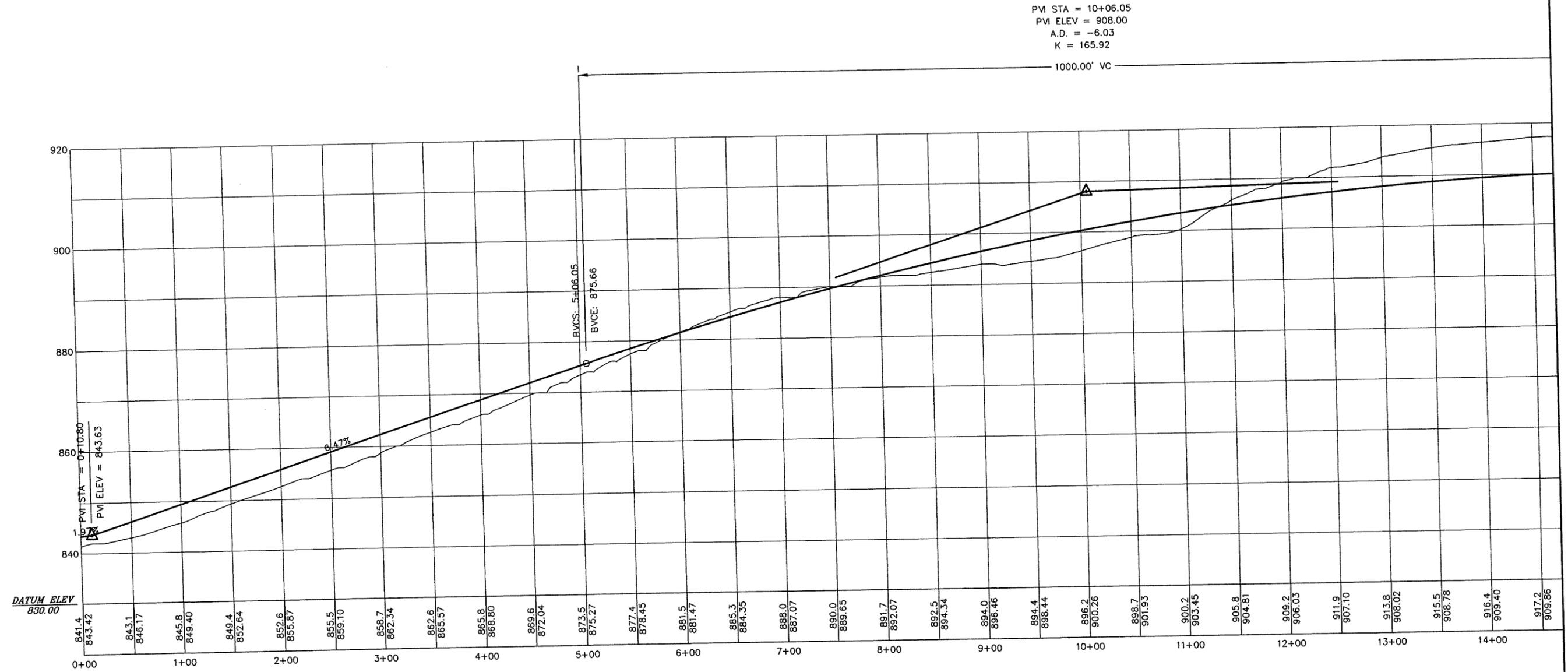
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Dollar General
Access Road
Allignment



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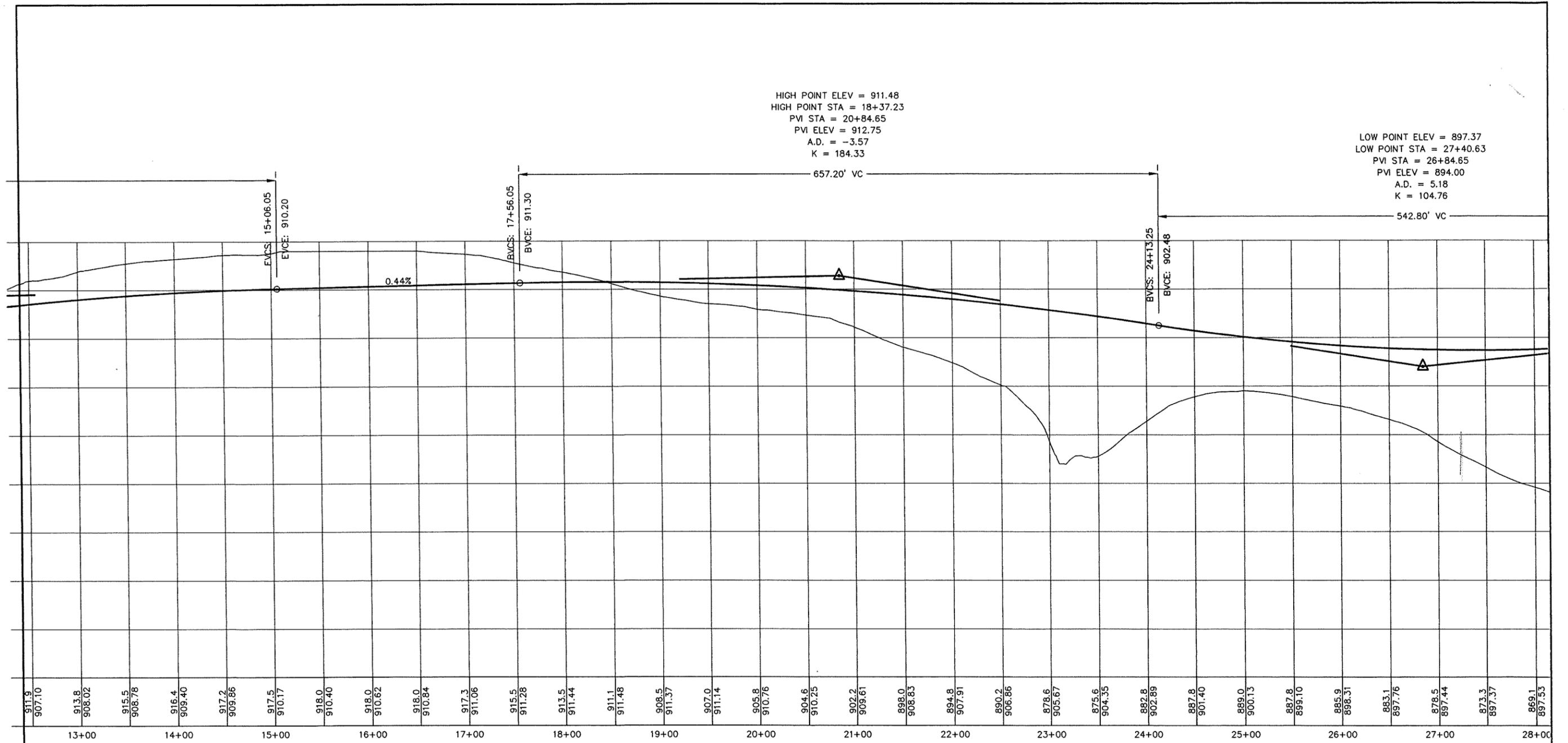


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Zanesville-Muskingum County
Port Authority
ZANESVILLE, OHIO 43701

SCALE	1" = 50'	CHECKED	TOW
DATE	10/15/99	APPROVED	
REVISED	10/29/99	CERTIFIED	
DRAWN	VP Jr.		

Dollar General
Access Road
Profile



911.9	907.10	913.8	908.02	915.5	908.78	916.4	909.40	917.2	909.86	917.5	910.17	918.0	910.40	918.0	910.62	918.0	910.84	917.3	911.06	915.5	911.28	913.5	911.44	911.1	911.48	908.5	911.37	907.0	911.14	905.8	910.76	904.6	910.25	902.2	909.61	898.0	908.83	894.8	907.91	890.2	906.86	878.6	905.67	875.6	904.35	882.8	902.89	887.8	901.40	889.0	900.13	887.8	899.10	885.9	898.31	883.1	897.76	878.5	897.44	873.3	897.37	869.1	897.53
13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00																																																

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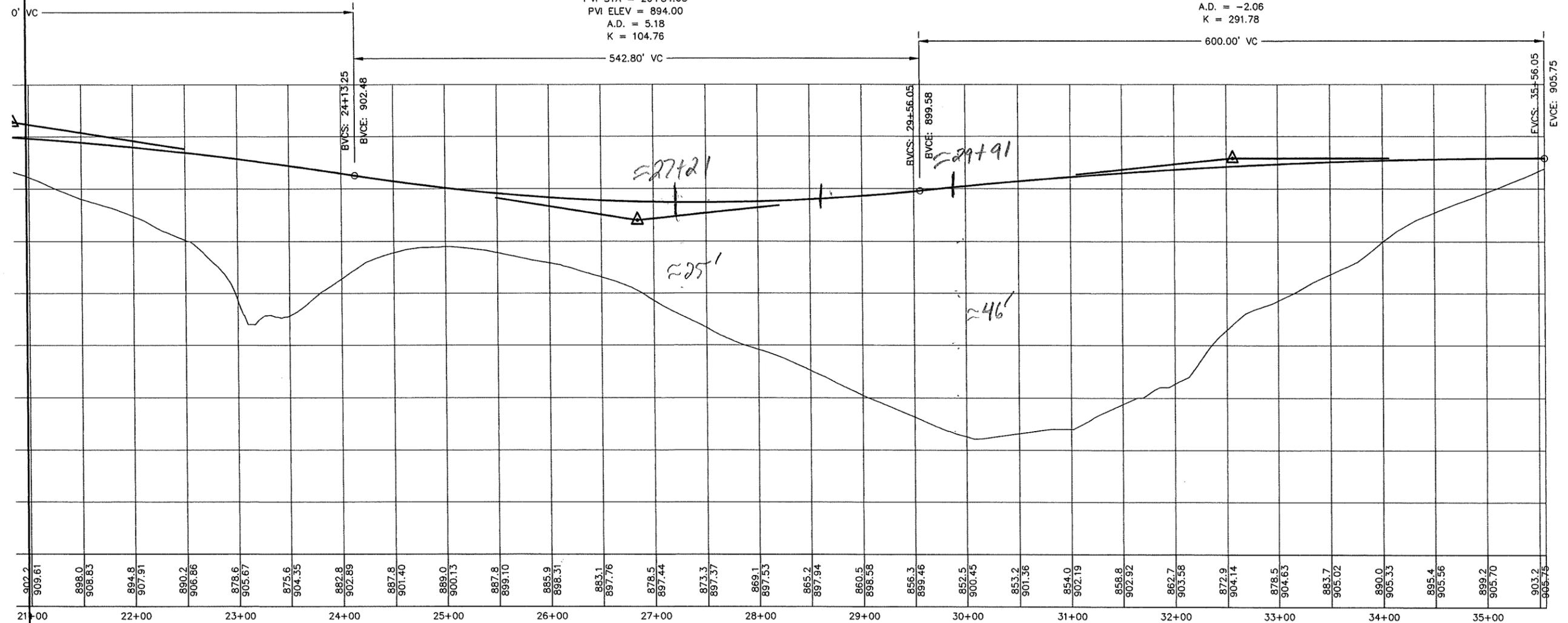
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Dollar General
 Access Road
 Profile

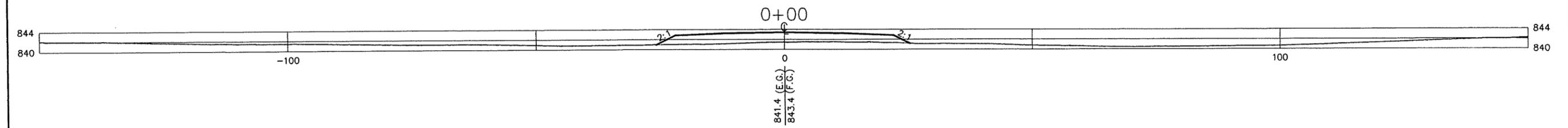
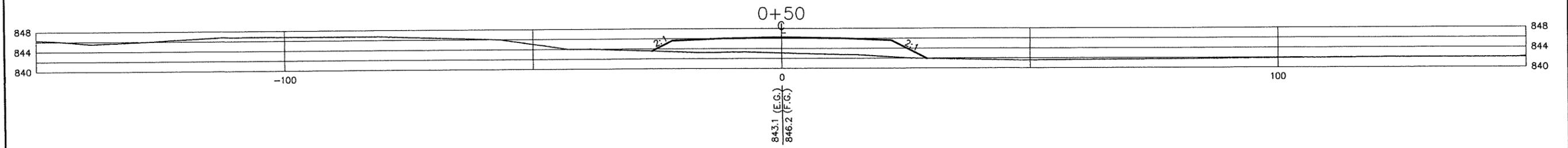
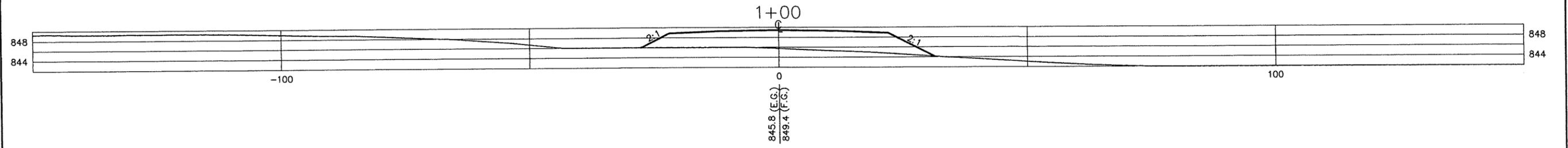
LEV = 911.48
 A = 18+37.23
 20+84.65
 = 912.75
 -5.57
 84.33

LOW POINT ELEV = 897.37
 LOW POINT STA = 27+40.63
 PVI STA = 26+84.65
 PVI ELEV = 894.00
 A.D. = 5.18
 K = 104.76

HIGH POINT ELEV = 905.75
 HIGH POINT STA = 35+56.05
 PVI STA = 32+56.05
 PVI ELEV = 905.75
 A.D. = -2.06
 K = 291.78



R = 10493.7877
L = 232.7814



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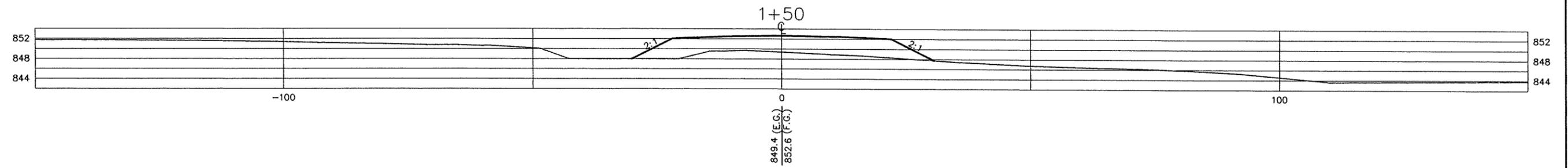
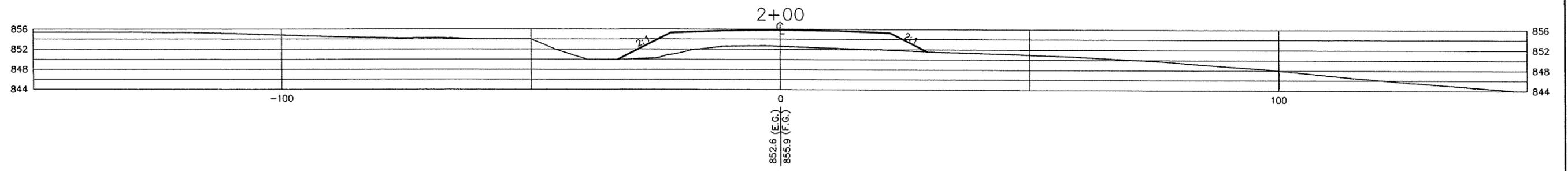
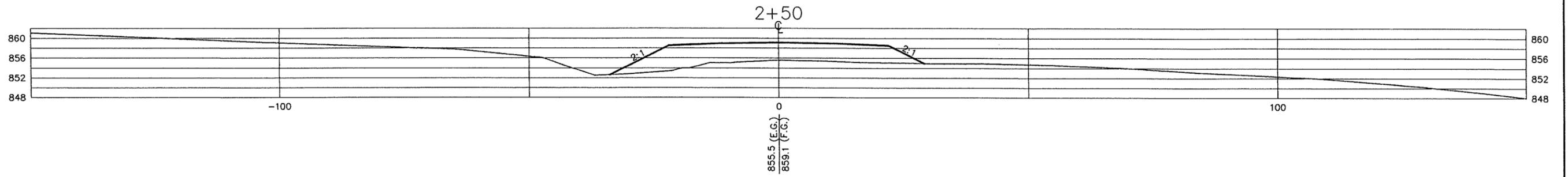


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DEVELOPMENT

Zanesville-Muskingum County
Port Authority
Zanesville, Ohio 43701

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Dollar General
Access Road
Cross Sections



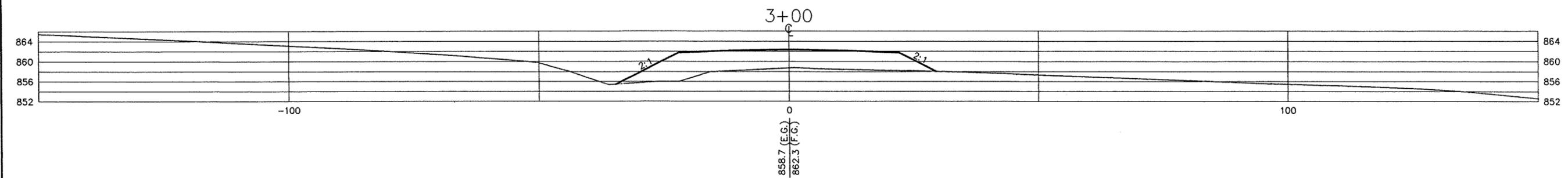
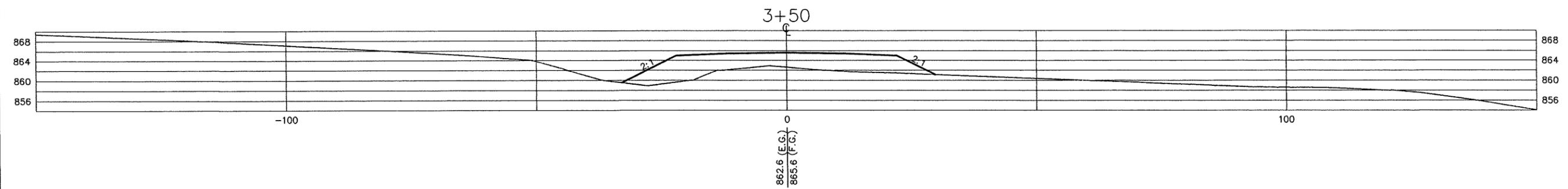
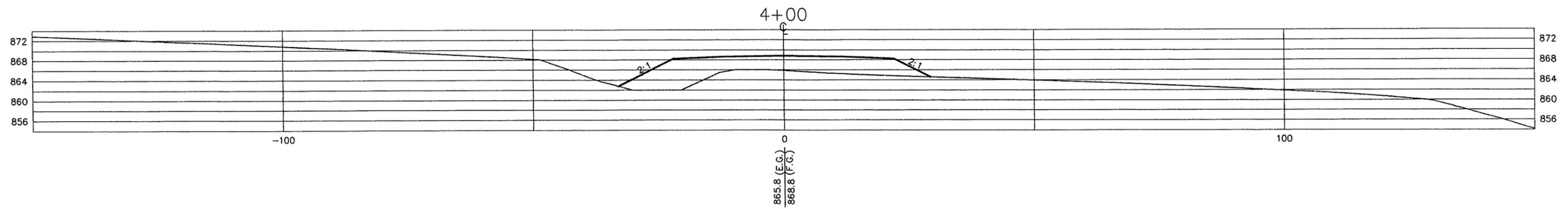
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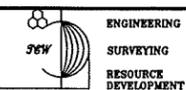
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Cross Sections



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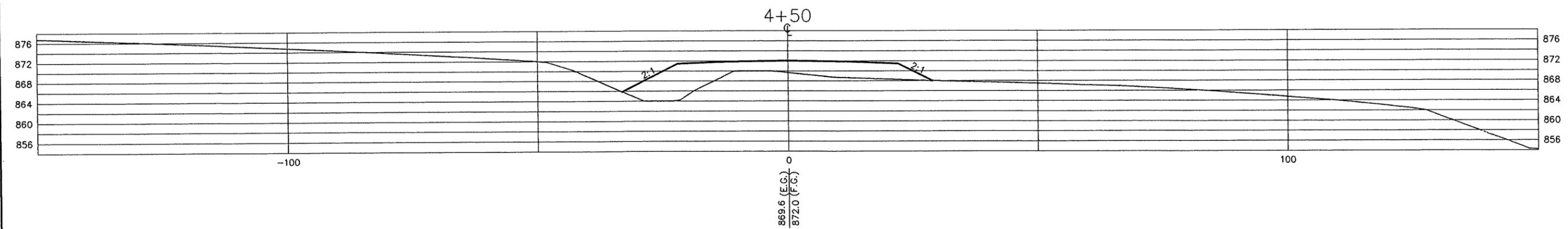
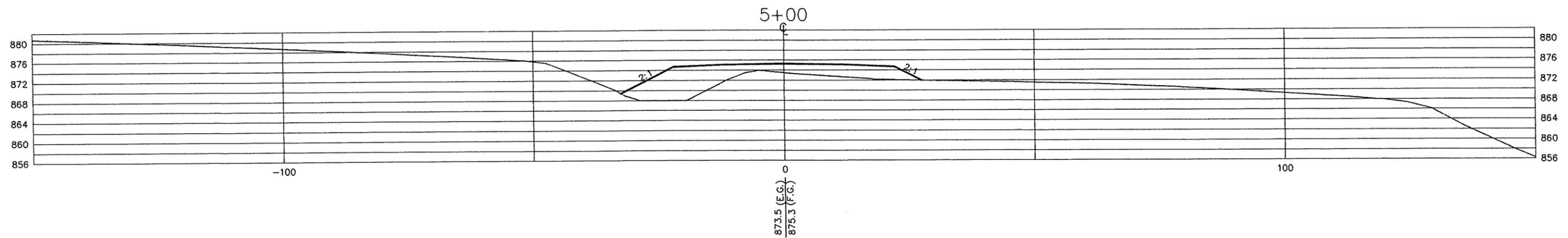


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Zanesville-Muskingum County
 Port Authority
 Zanesville, Ohio 43701

SCALE	1" = 10'	CHECKED	TCW
DATE	9/15/99	APPROVED	
REVISED	10/25/99	CERTIFIED	
DRAWN	VP Jr.		

Dollar General
 Access Road
 Cross Sections



The JW Company
1218 St. Rt. 93 NE
New Lexington, Ohio 43764 (740) 342-5131

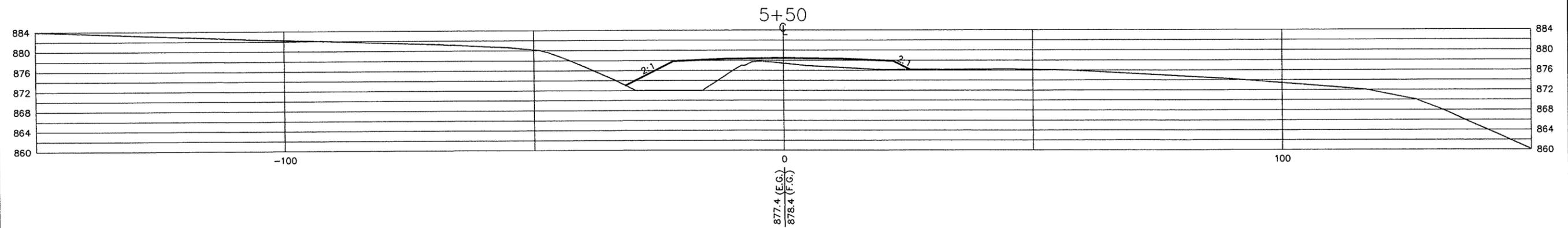
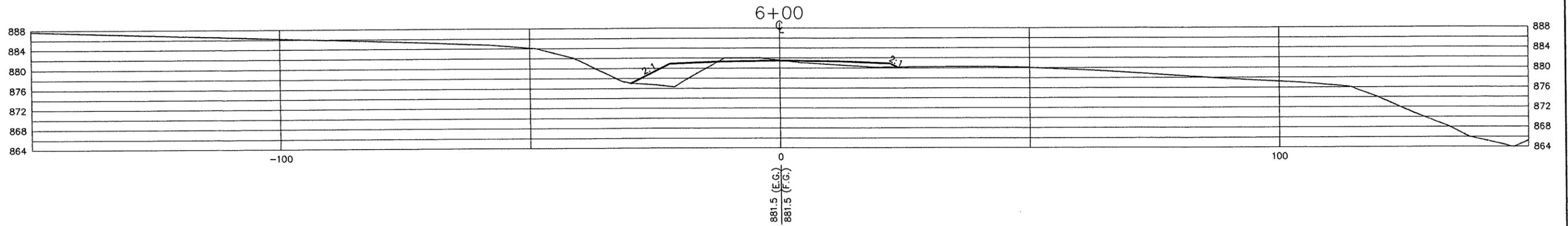


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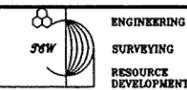
Zanesville-Muskingum County
Port Authority
Zanesville, Ohio 43701

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Dollar General
Access Road
Cross Sections



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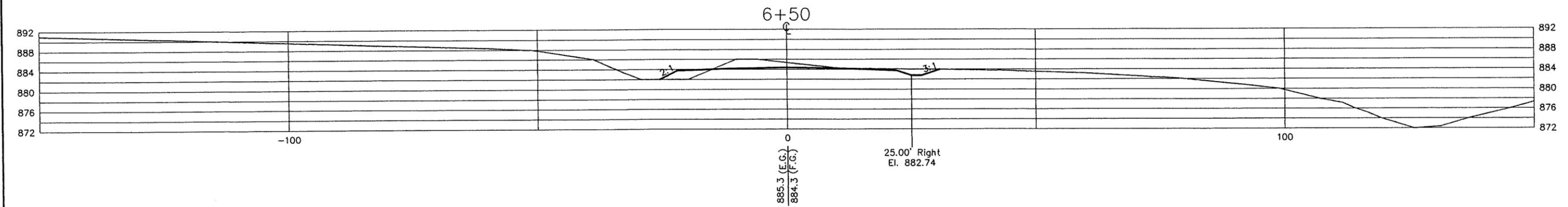
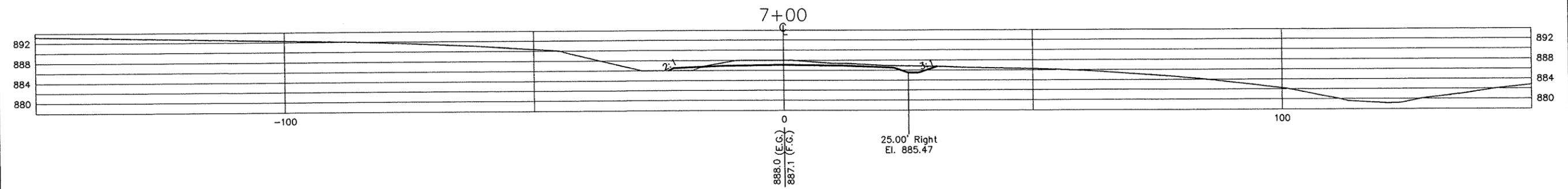
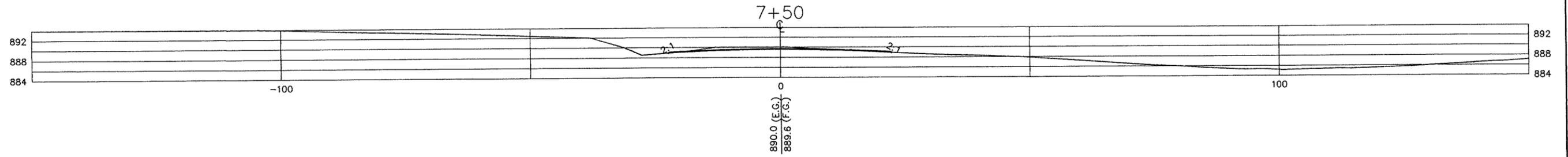


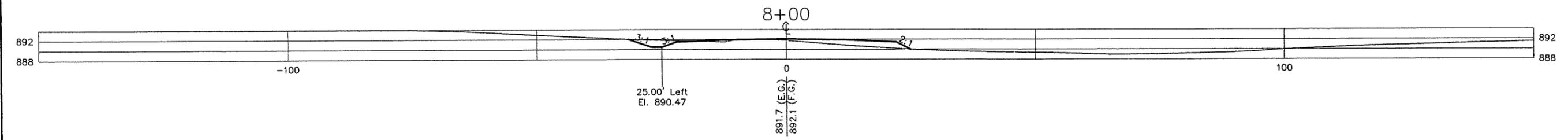
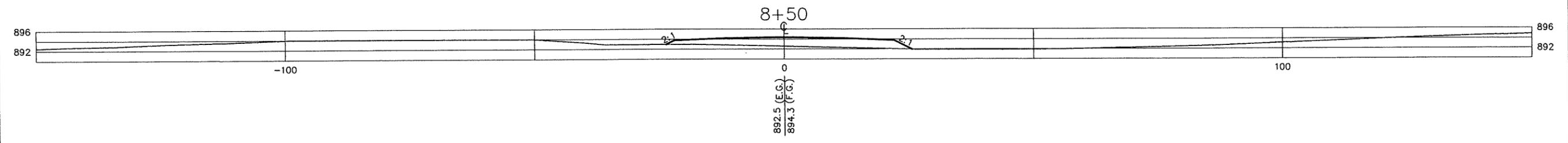
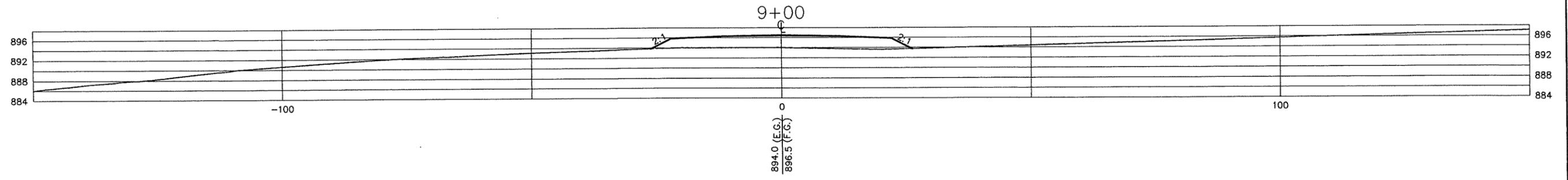
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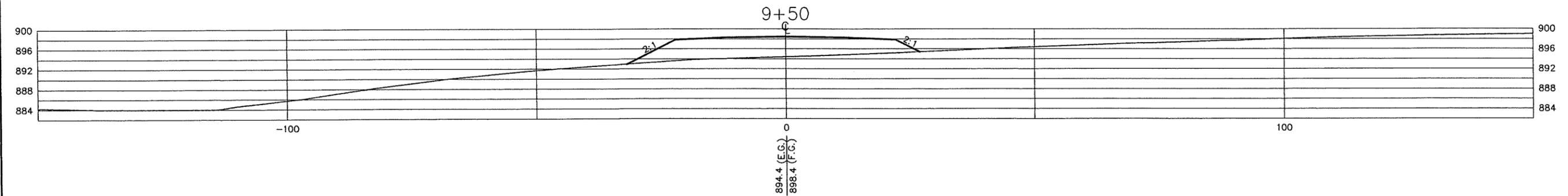
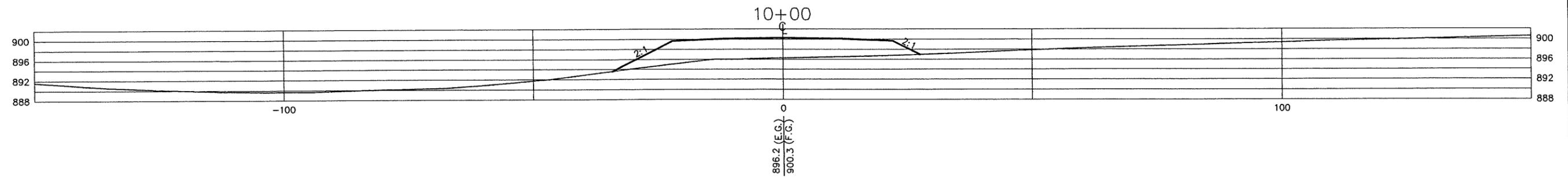
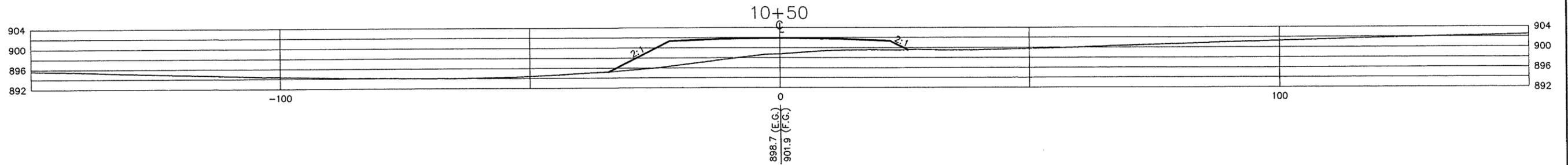
Zanesville-Muskingum County
Port Authority
Zanesville, Ohio 43701

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Dollar General
Access Road
Cross Sections







The JGW Company
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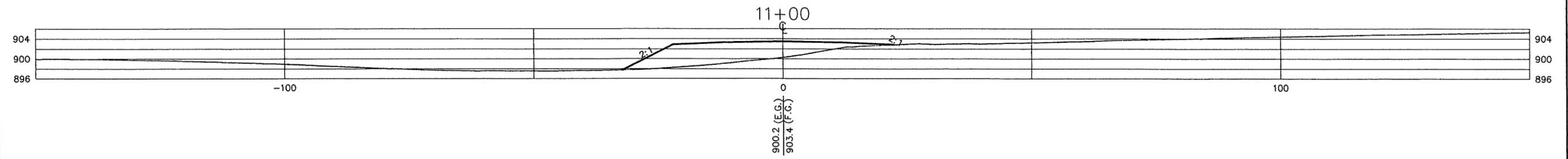
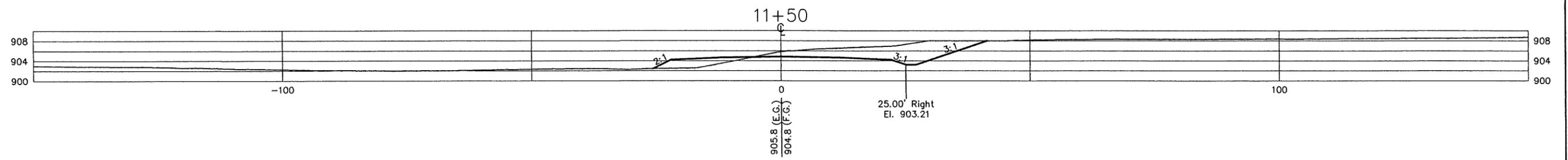
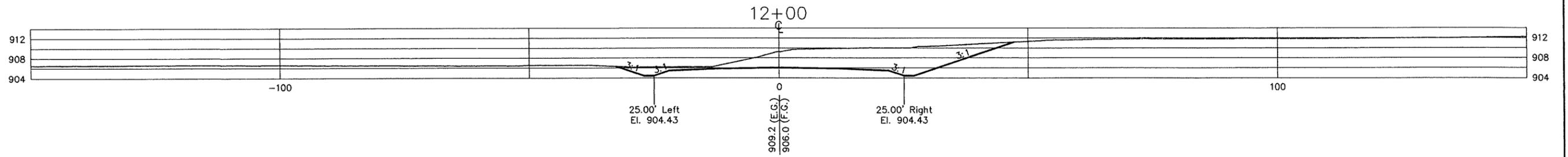


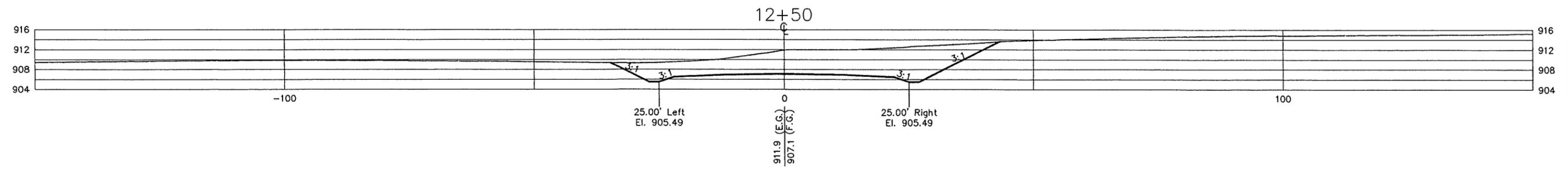
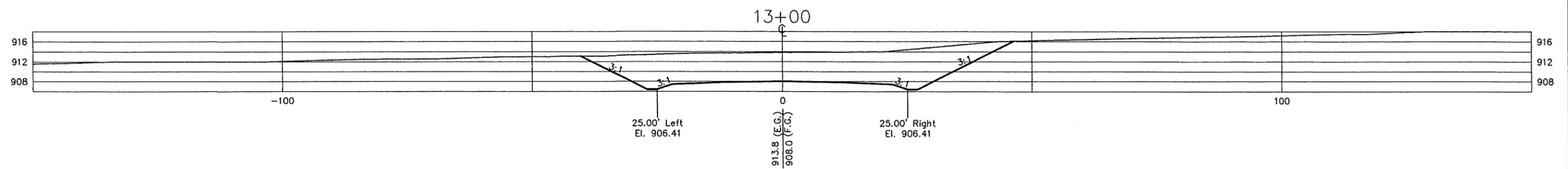
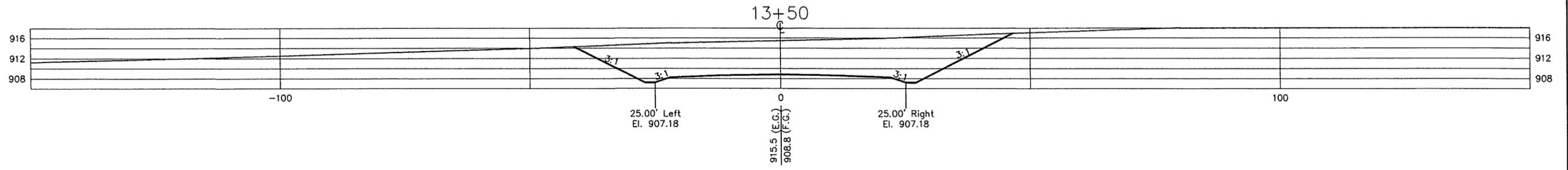
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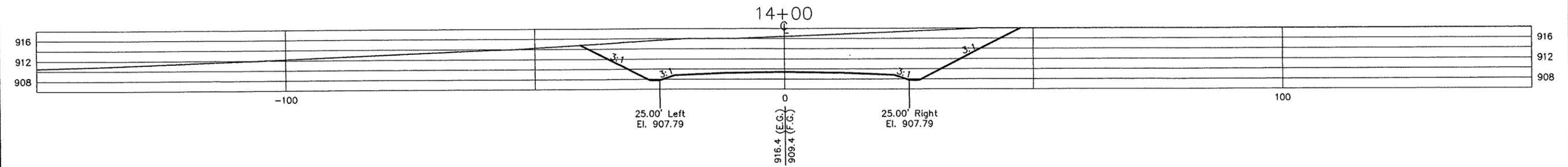
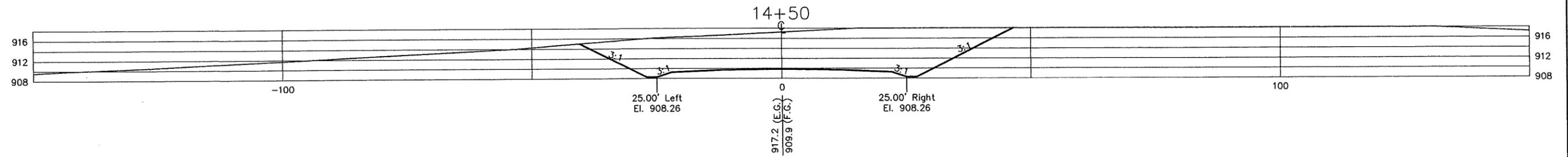
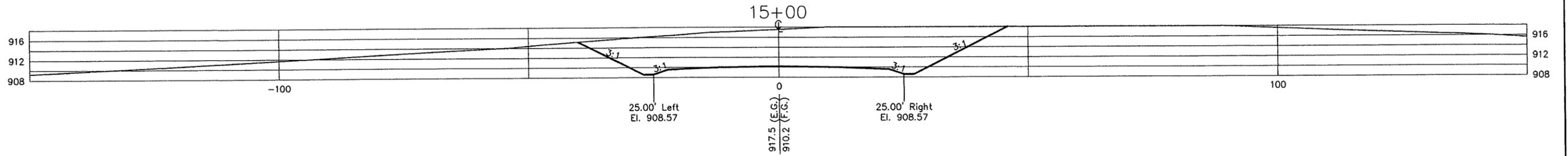
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 Zanesville, Ohio 43701

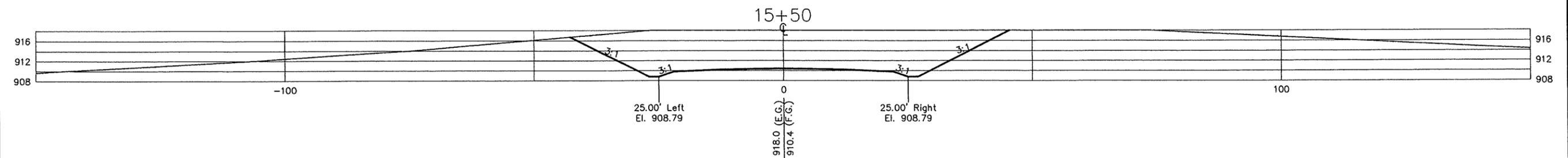
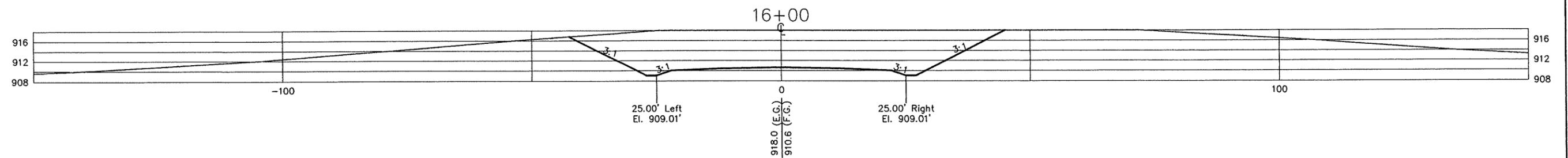
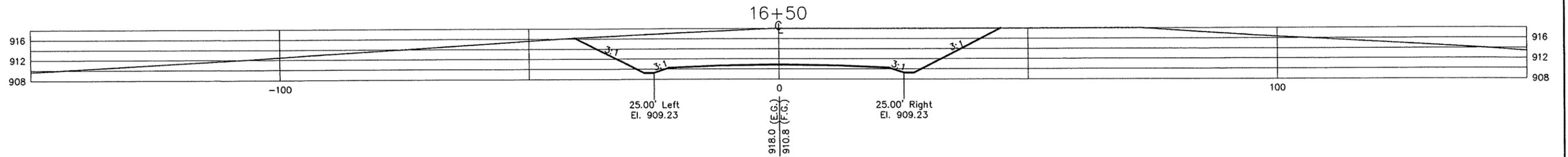
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Dollar General
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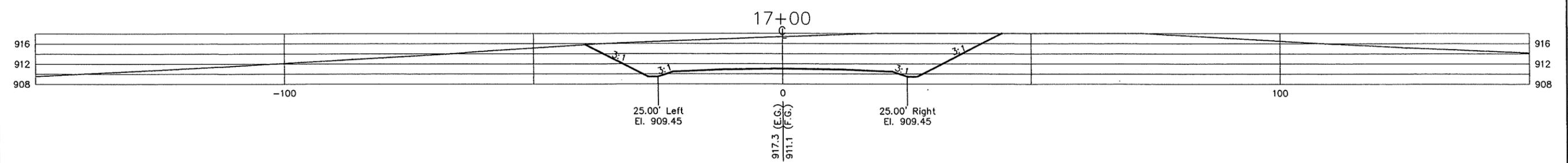
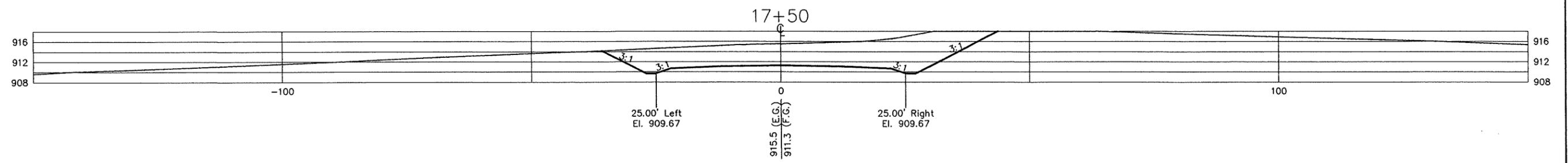
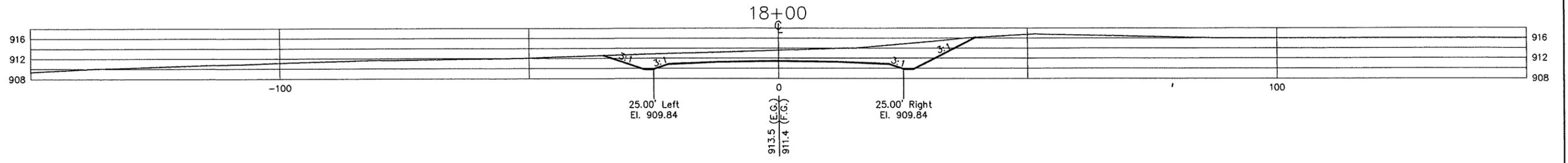


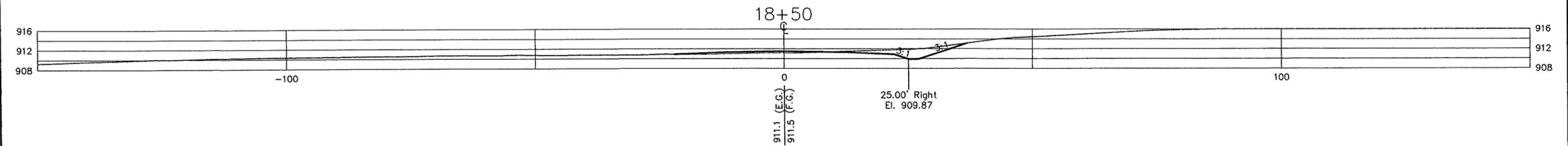
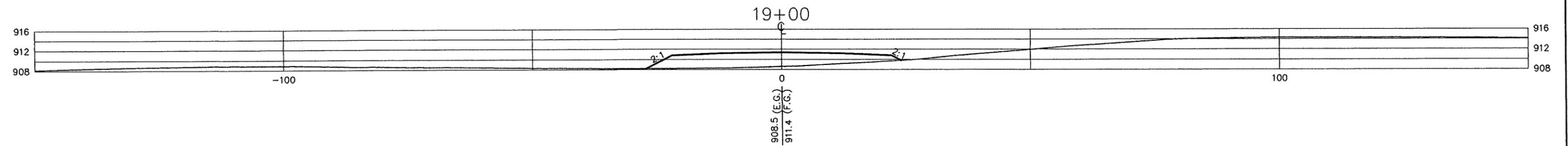
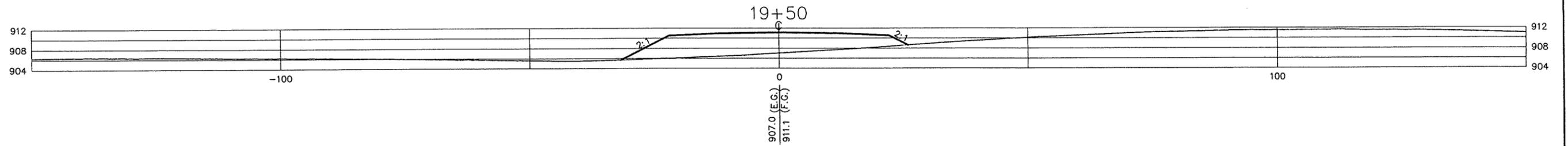
ENGINEERING
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Zanesville-Muskingum County
 Port Authority
 Zanesville, Ohio 43701

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Dollar General
 Access Road
 Cross Sections





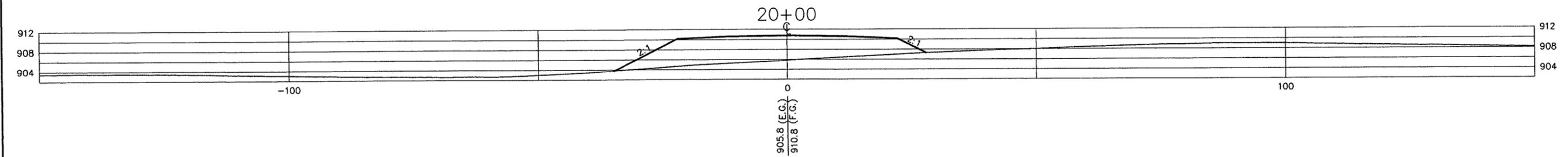
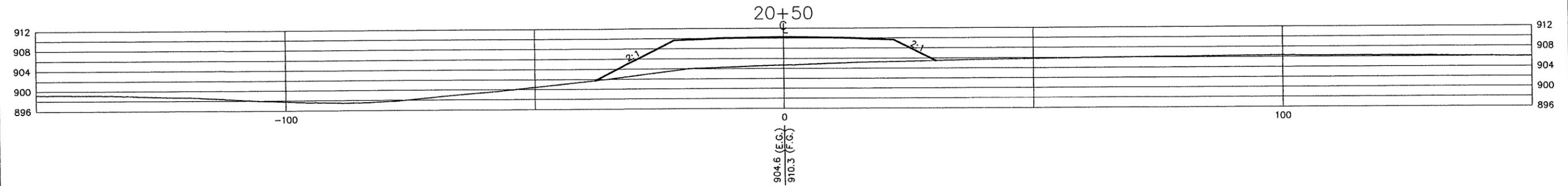
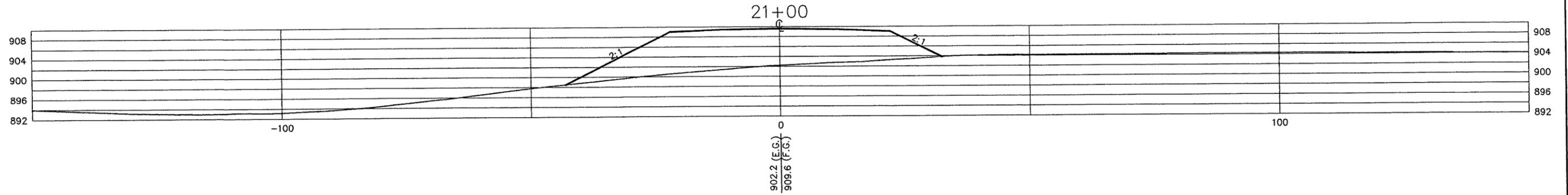
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 New Lexington, Ohio 43764 (740) 342-5131

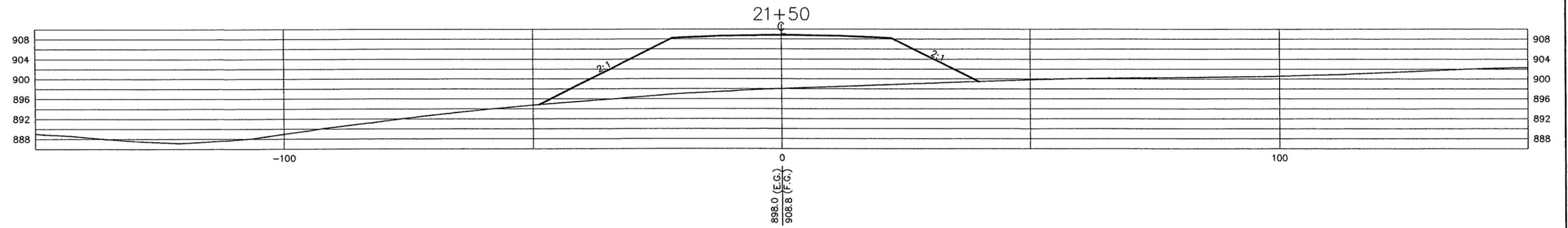
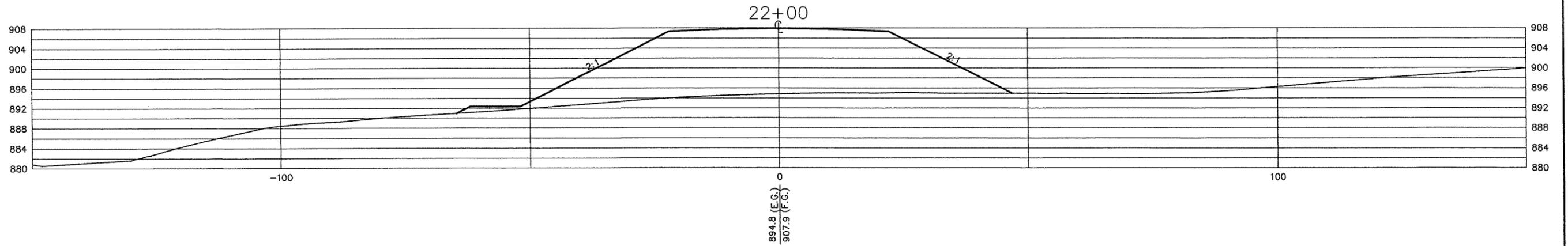
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Dollar General
 Access Road
 Cross Sections





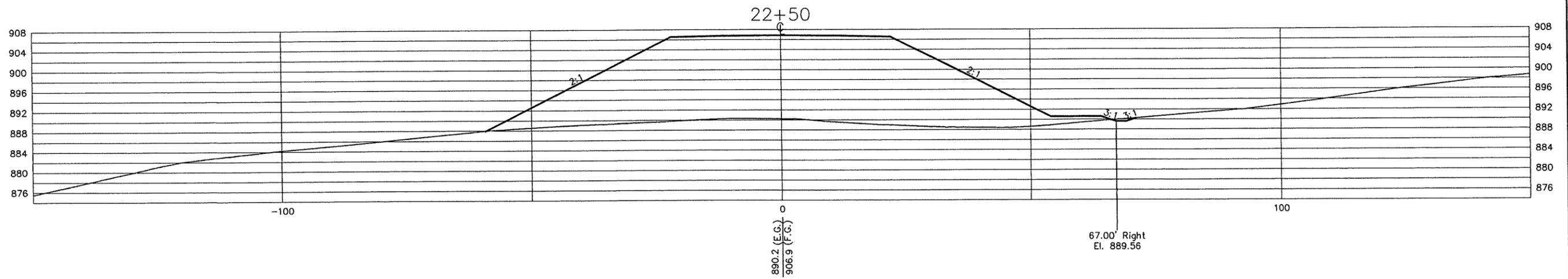
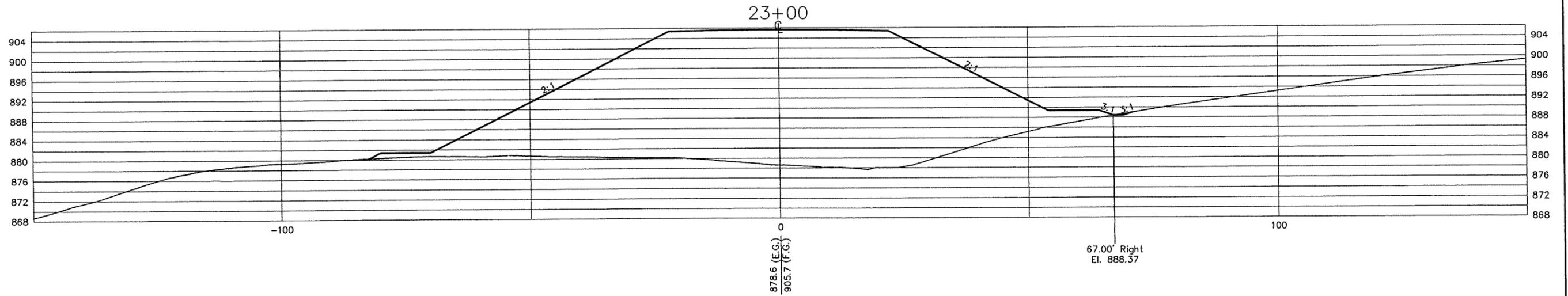
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Dollar General
Access Road
Cross Sections



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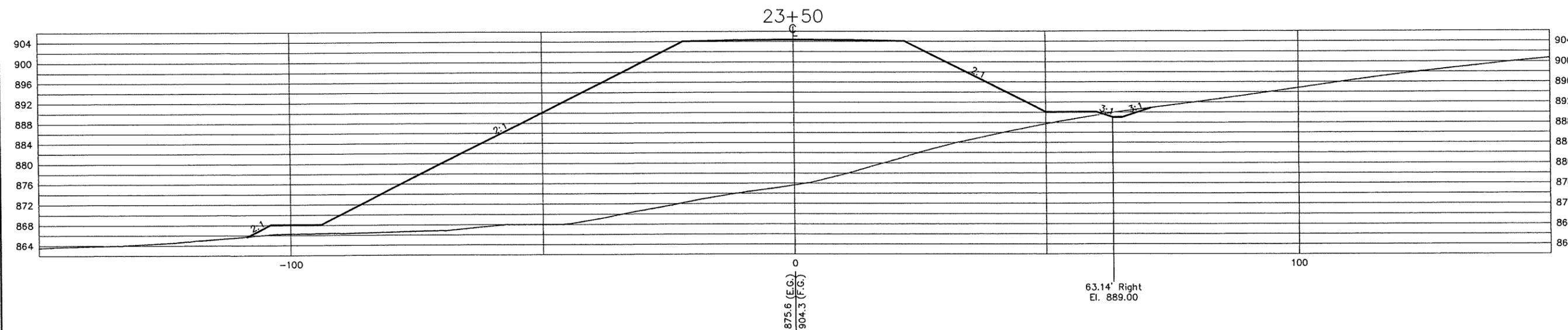
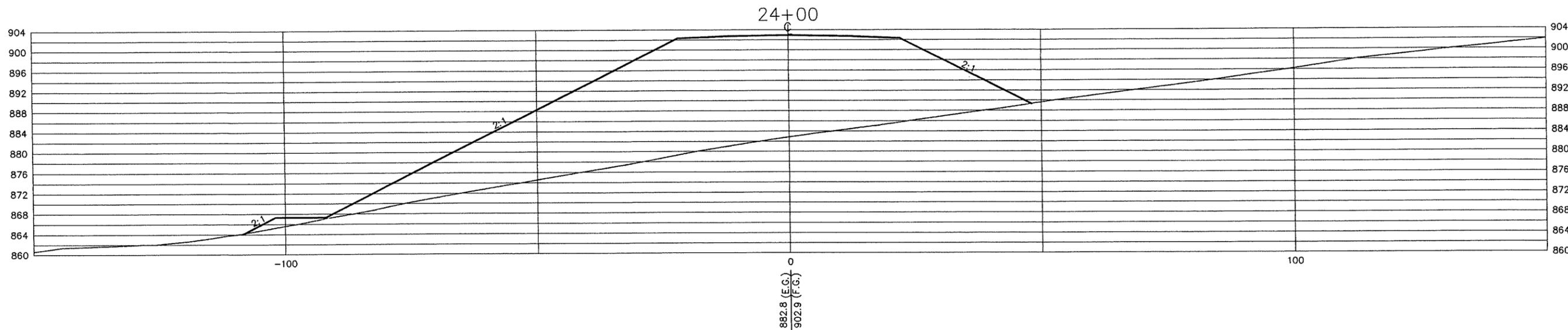


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Zanesville-Muskingum County
Port Authority
Zanesville, Ohio 43701

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Dollar General
Access Road
Cross Sections



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New Lexington, Ohio 43764 (740) 342-5131

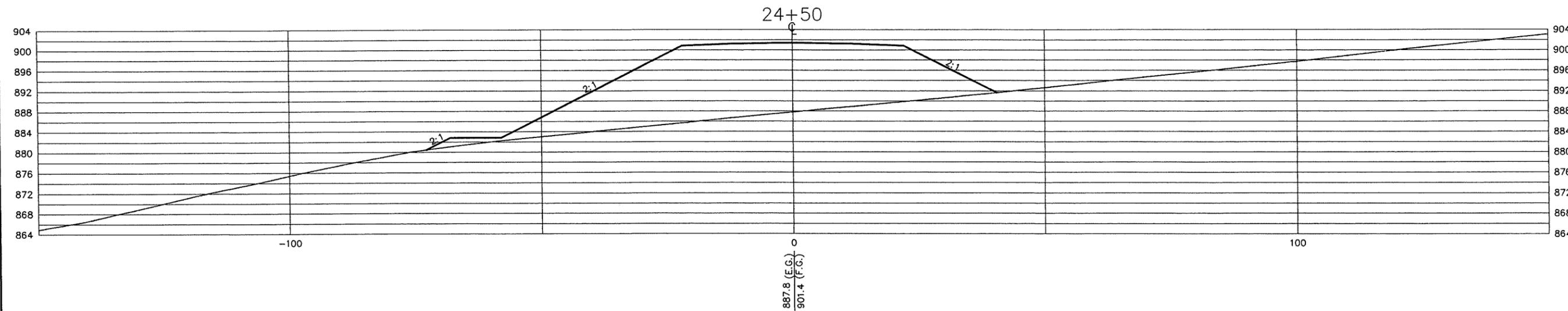
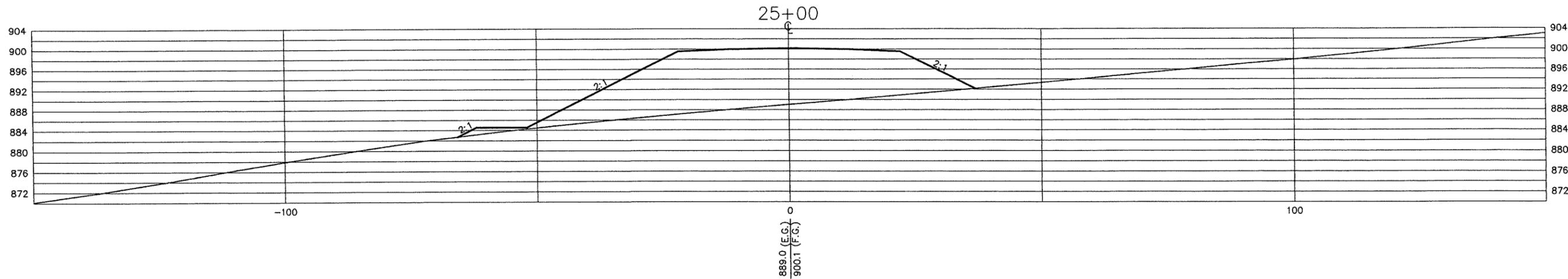


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Dollar General
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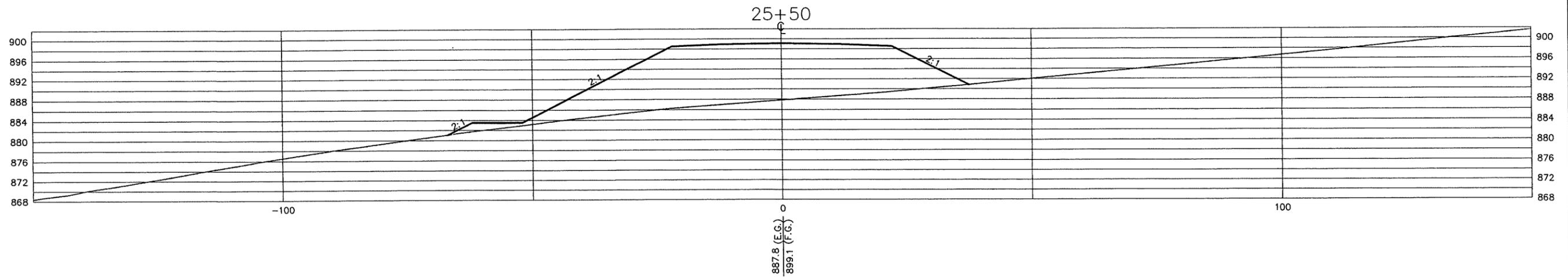
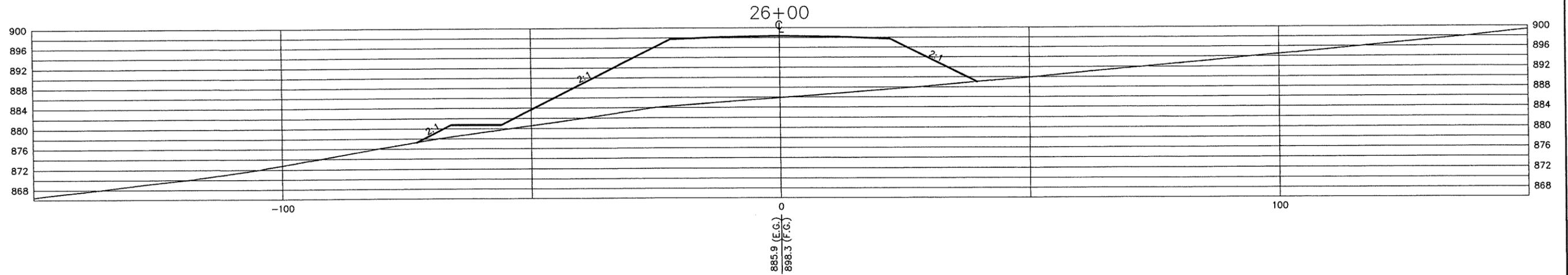


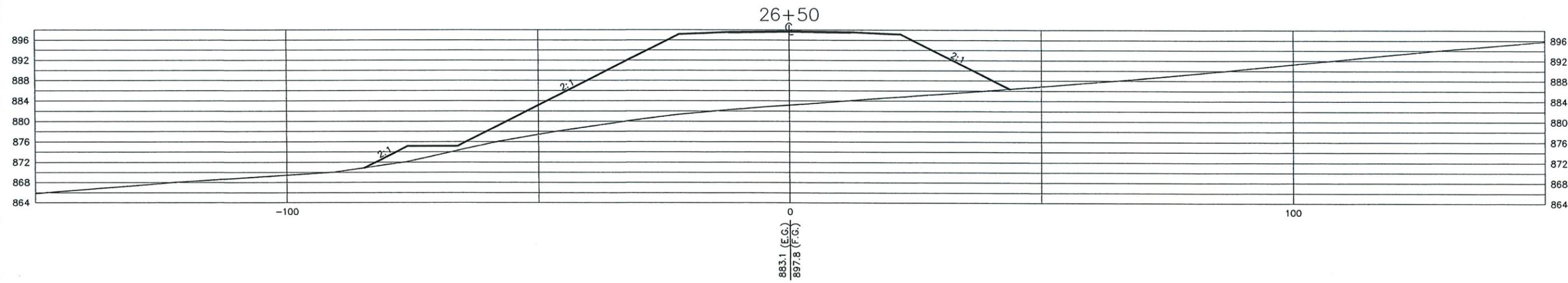
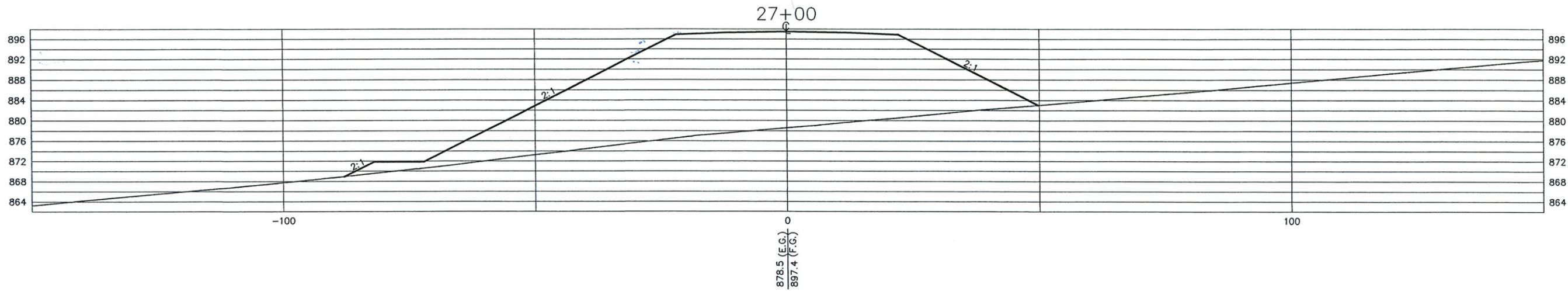
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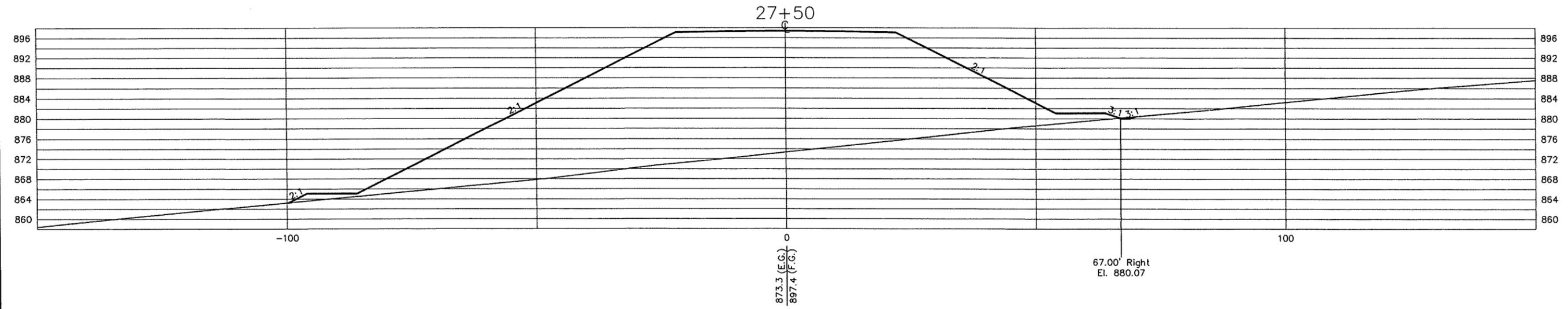
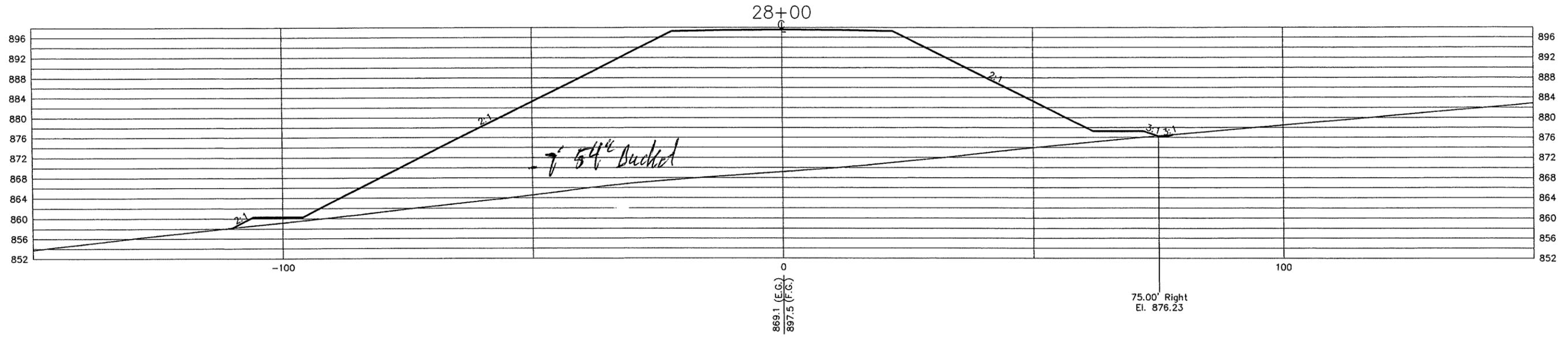
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Dollar General
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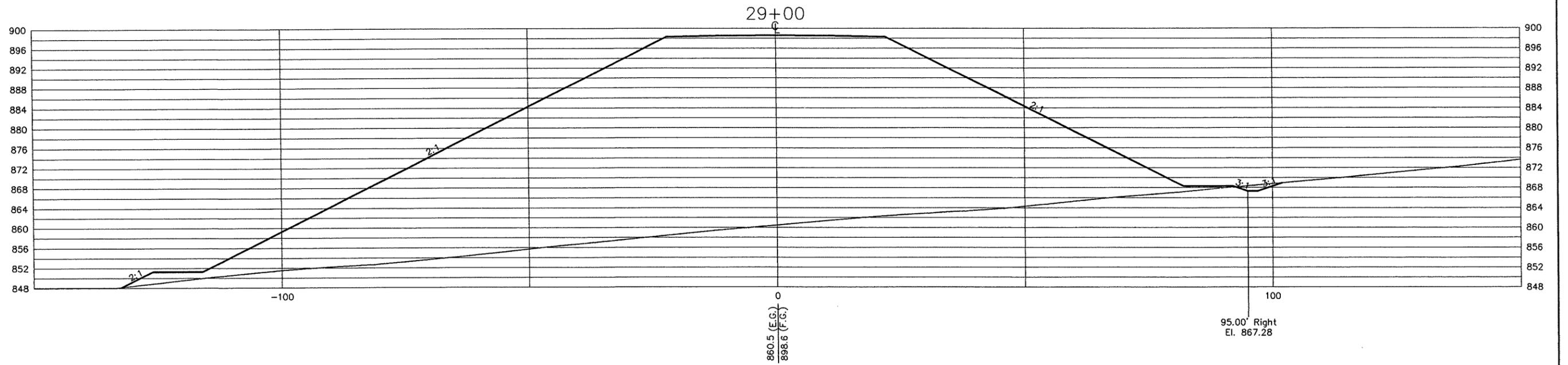


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Dollar General
 Access Road
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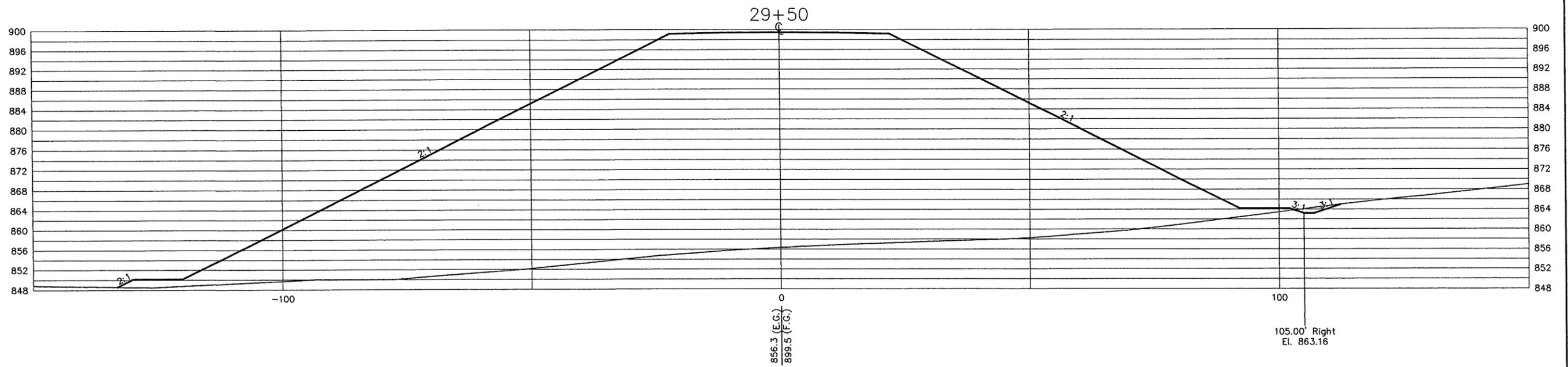


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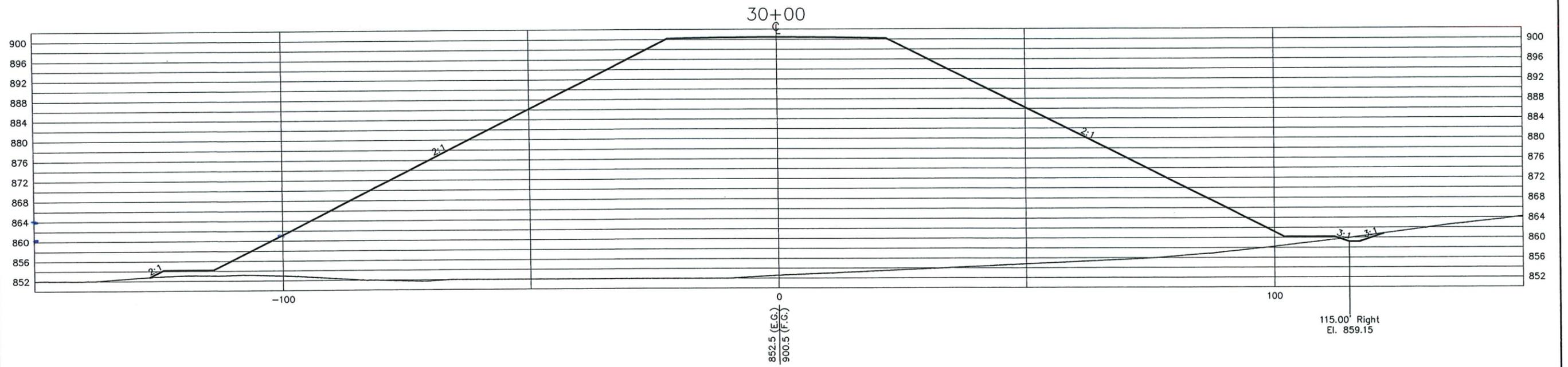


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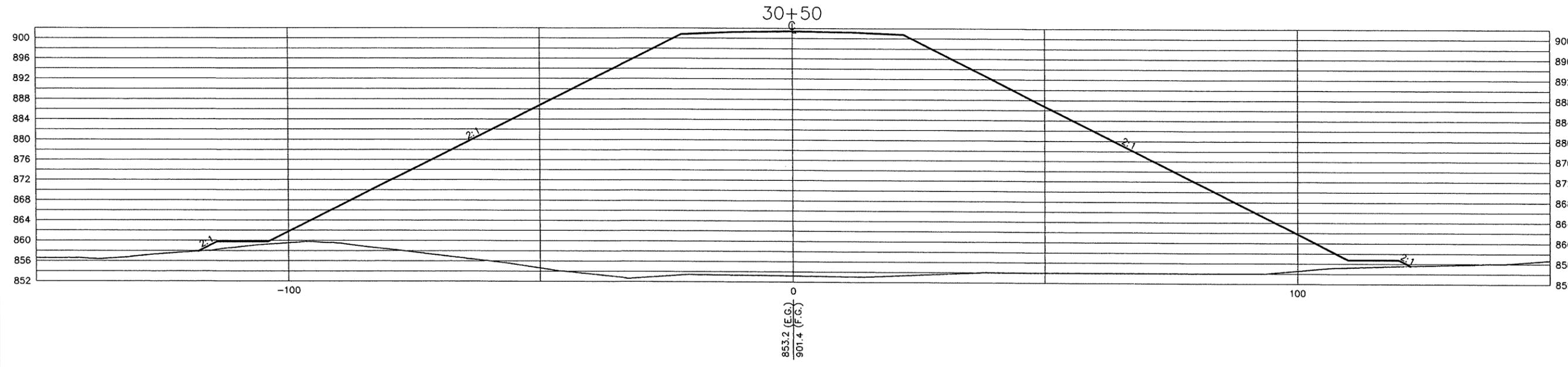
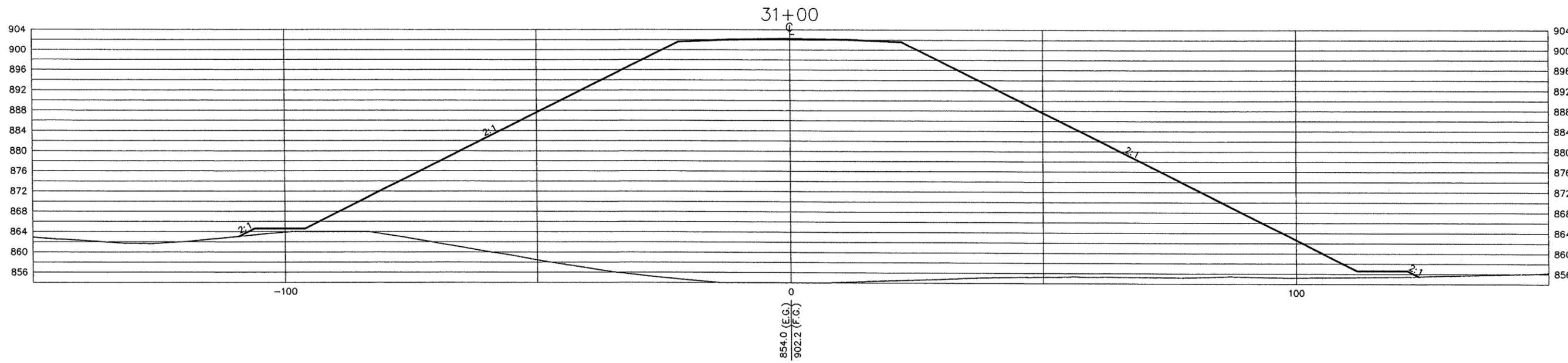


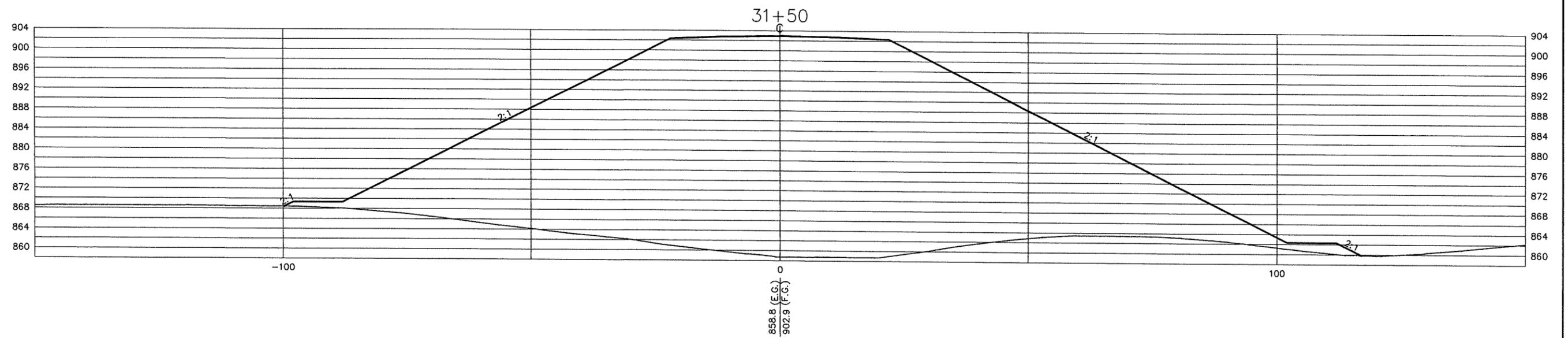
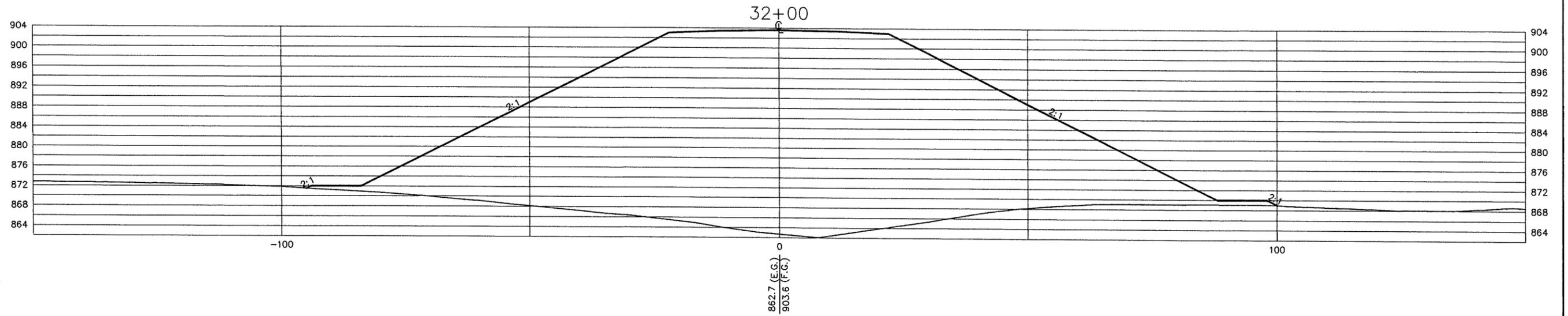
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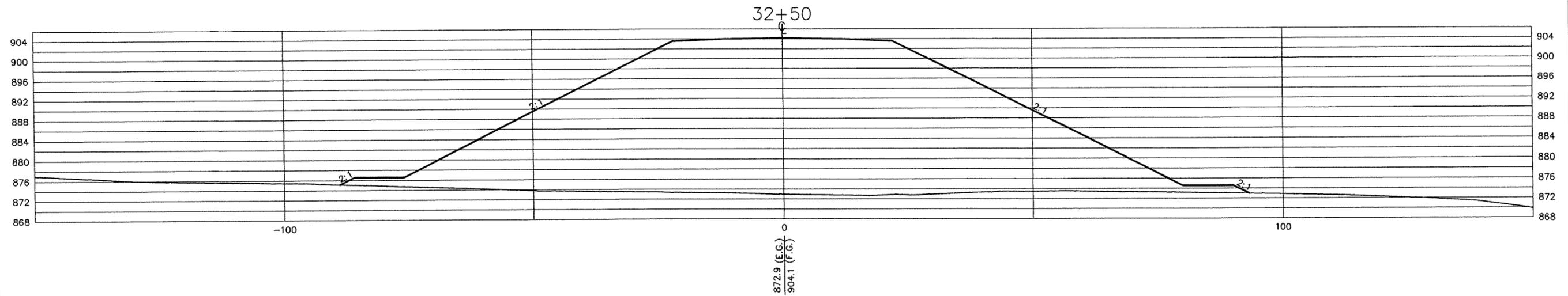
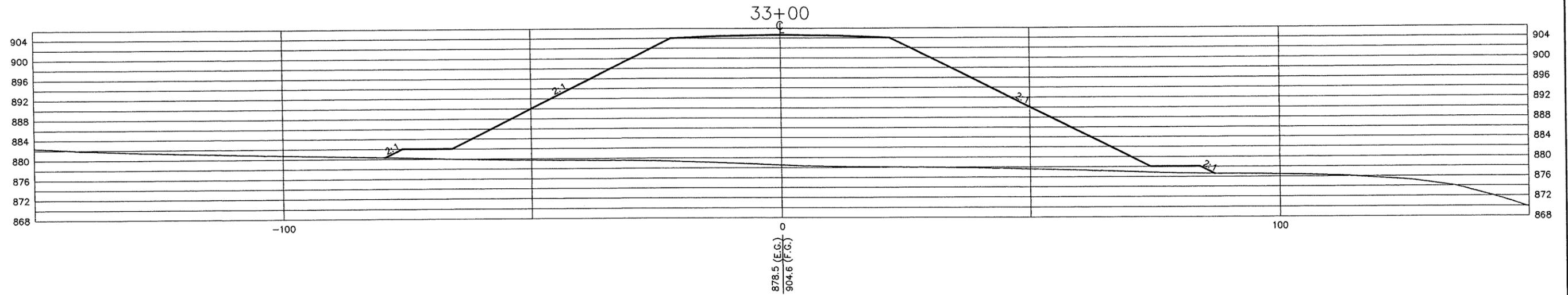
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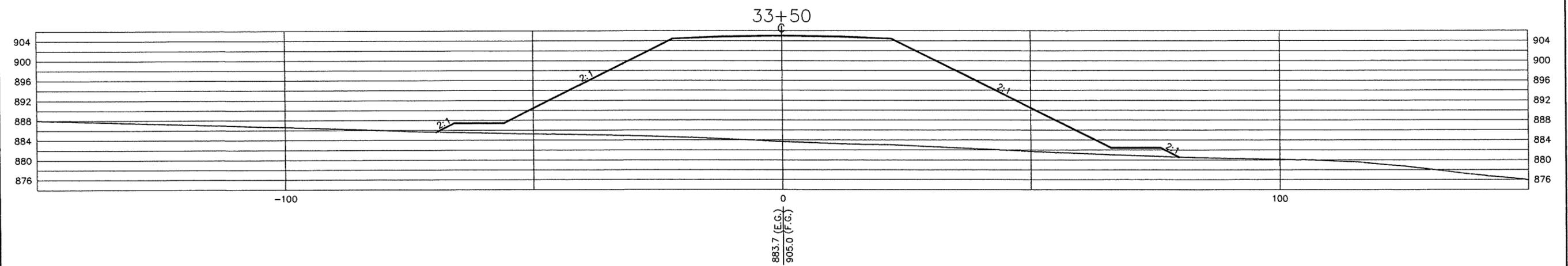
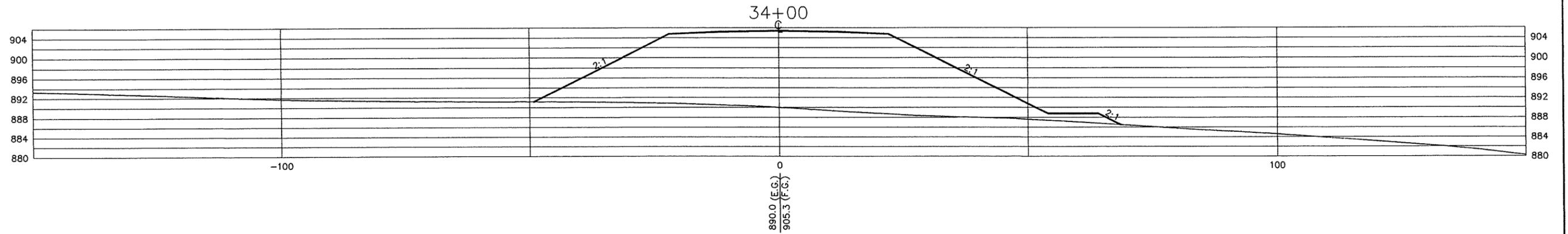
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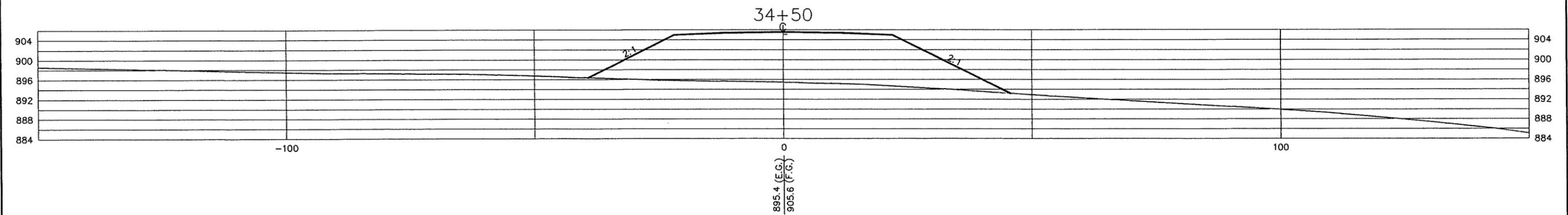
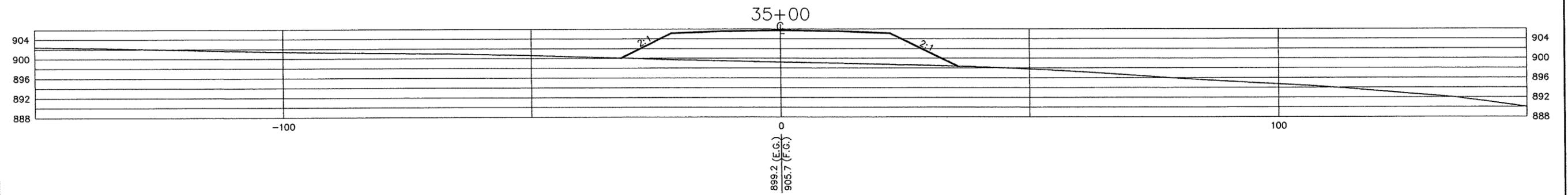
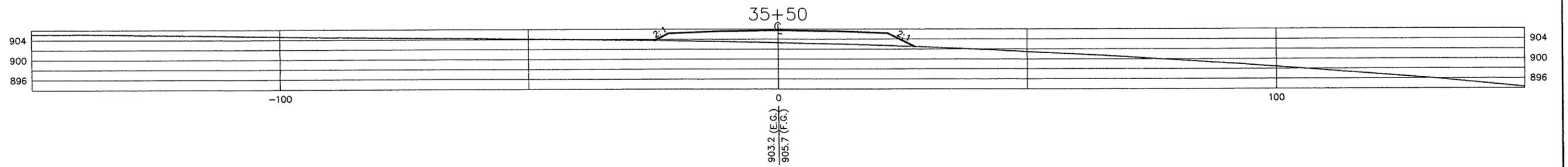


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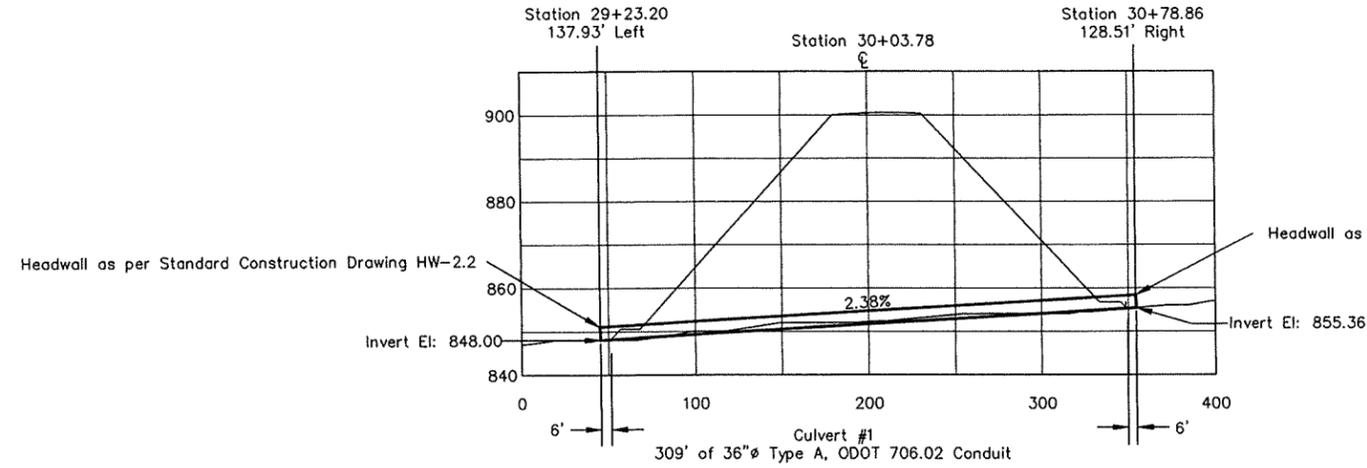
The JGW Company
1218 St. Rt. 93 NE
New Lexington, Ohio 43784 (740) 342-5131



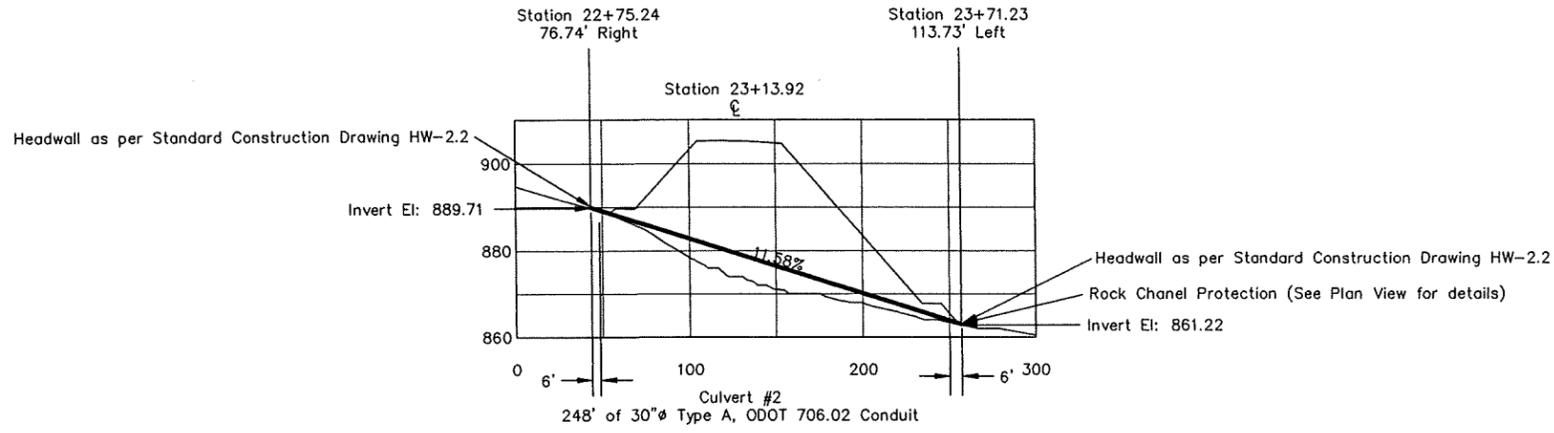
Zanesville-Muskingum County
Port Authority
Zanesville, Ohio 43701

SCALE	1" = 10'	CHECKED	TCW
DATE	9/15/99	APPROVED	
REVISED	10/25/99	CERTIFIED	
DRAWN	VP Jr.		

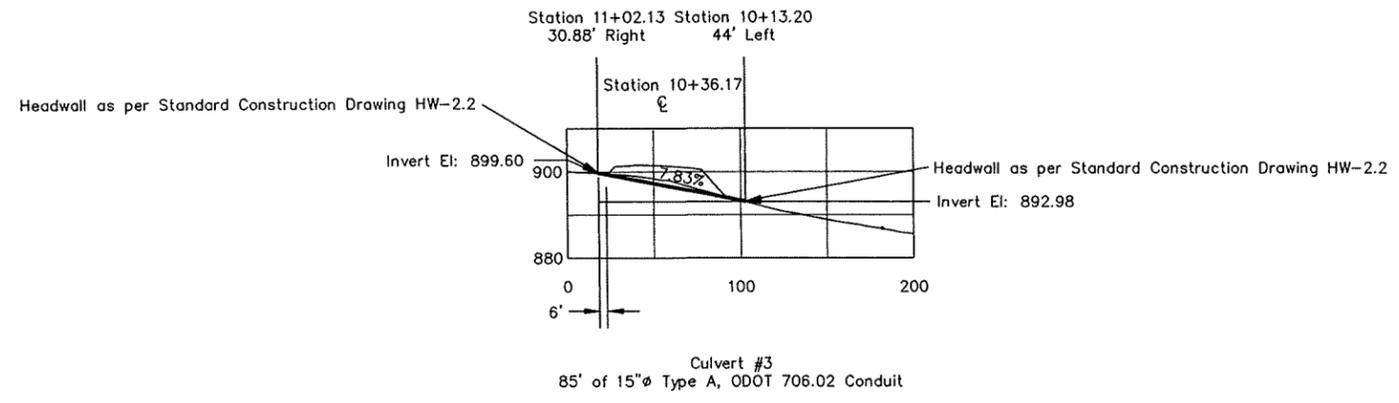
Dollar General
Access Road
Cross Sections



Watershed: 24.65 Acres
50yr 24hr Storm Flow: 62.31 cfs



Watershed: 3.28 Acres
50yr 24hr Storm Flow: 8.29 cfs



The JFW Company
1218 St. Rt. 93 NE
New Lexington, Ohio 43764 (740) 342-5131



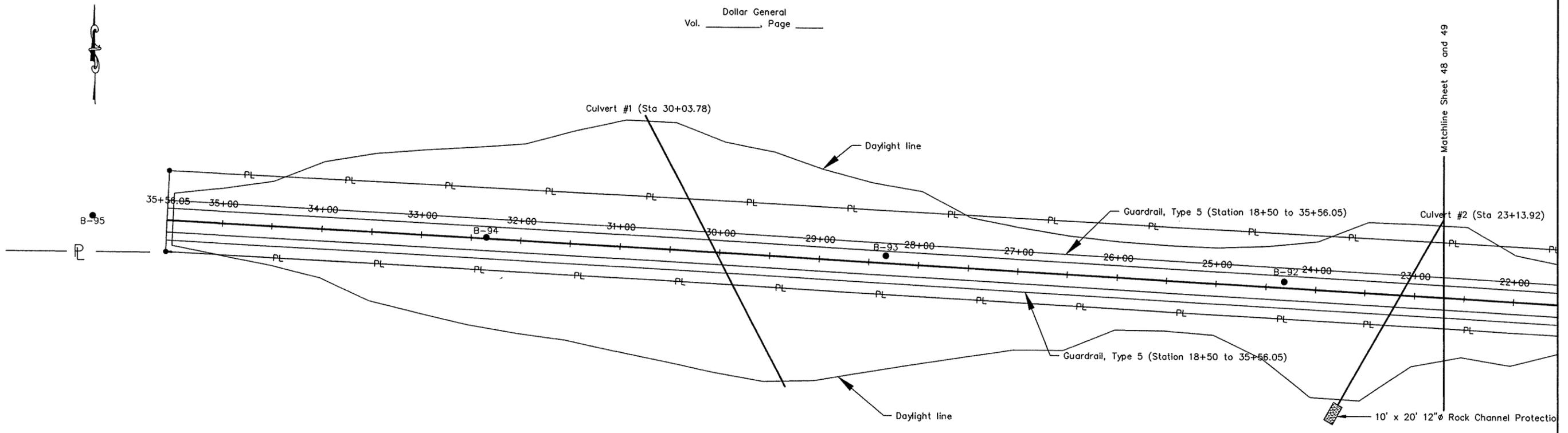
ENGINEERING
SURVEYING
RESOURCE DEVELOPMENT

Zanesville-Muskingum County
Port Authority
ZANESVILLE, OHIO 43701

SCALE	1" = 50'	CHECKED	TCW
DATE	8/31/99	APPROVED	
REVISED	10/29/99	CERTIFIED	
DRAWN	VP Jr.		

Dollar General
Access Road
Culvert Cross Sections

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
0+00	0	53	0	151	0	151
0+50	0	110	0	238	0	389
1+00	0	147	0	270	0	660
1+50	0	145	0	275	0	934
2+00	0	152	0	302	0	1236
2+50	0	175	0	333	0	1569
3+00	0	185	0	324	0	1893
3+50	0	165	0	308	0	2201
4+00	0	167	0	305	0	2506
4+50	0	162	0	280	0	2786
5+00	0	140	1	228	1	3014
5+50	1	106	25	133	27	3147
6+00	26	38	85	42	112	3189
6+50	66	8	123	7	235	3196
7+00	67	0	103	0	338	3196
7+50	45	0	69	7	407	3203
8+00	29	7	27	41	434	3244
8+50	0	37	0	103	434	3347
9+00	0	75	0	214	434	3562
9+50	0	157	0	301	434	3862
10+00	0	168	0	284	434	4146
10+50	0	139	2	228	436	4374
11+00	2	108	118	112	553	4486
11+50	125	13	350	12	903	4498
12+00	253	0	566	0	1469	4498
12+50	358	0	799	0	2268	4498
13+00	506	0	997	0	3265	4498
13+50	571	0	1089	0	4354	4498
14+00	606	0	1127	0	5481	4498
14+50	612	0	1147	0	6602	4498
15+00	599	0	1168	0	7750	4498
15+50	640	0	1108	0	8918	4498
16+00	621	0	1022	0	10025	4498
16+50	575	0	856	0	11047	4498
17+00	529	0	586	0	11903	4498
17+50	396	0	285	0	12489	4498
18+00	237	0	66	63	12774	4498
18+50	71	0	0	200	12840	4561
19+00	0	68	0	323	12840	4761
19+50	0	148	0	422	12840	5084
20+00	0	201	0	598	12840	5506
20+50	0	255	0	965	12840	6104
21+00	0	391	0	1426	12840	7070
21+50	0	651	0	2071	12840	8495
22+00	0	889	2	3385	12842	10566
22+50	2	1348	3	4823	12845	13951
23+00	1	2309	6	6430	12851	18774
23+50	6	2900	6	2627	12857	23204
24+00	0	1884	0	1540	12857	25831
24+50	0	953	0	1330	12857	27371
25+00	0	710	0	1468	12857	28701
25+50	0	727	0	1828	12857	30169
26+00	0	859	0	2490	12857	31997
26+50	0	1116	0	3591	12857	34487
27+00	0	1573	0	4865	12858	38078
27+50	0	2305	1	6292	12862	42942
28+00	0	2949	4	7971	12872	49234
28+50	4	3846	10	9773	12884	57206
29+00	6	4762	11	11268	12894	66979
29+50	6	5793	10	11686	12898	78247
30+00	5	6376	5	11305	12898	89933
30+50	0	6244	0	10076	12898	101237
31+00	0	5965	0	8406	12898	111314
31+50	0	4918	0	6770	12898	119720
32+00	0	4161	0	5165	12898	126490
32+50	0	3150	0	3923	12898	131655
33+00	0	2429	0	2714	12898	135578
33+50	0	1808	0	1597	12898	138292
34+00	0	1123	0	844	12898	139889
34+50	0	602	0	355	12898	140733
35+00	0	310	0	0	12898	141088
35+50	0	74	0	0	12898	141088

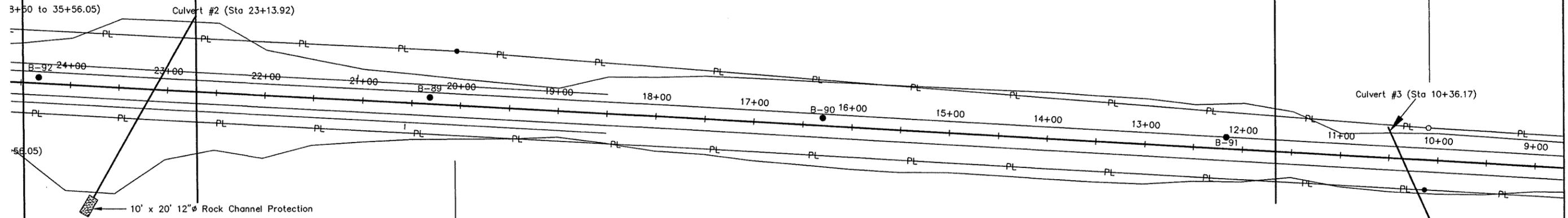


Zanesville-Muskingum County Port Authority
Vol. 1142, Page 430

Note: See drilling logs in bid documents.

<p><i>The TBW Company</i> 1215 St. Rt. 93 NE New Lexington, Ohio 43764 (740) 342-5131</p>  <p>ENGINEERING SURVEYING RESOURCE DEVELOPMENT</p>	<p>Zanesville-Muskingum County Port Authority ZANESVILLE, OHIO 43701</p>		SCALE	1" = 50'	CHECKED	TCW	<p>Dollar General Access Road Boring Locations</p>
			DATE	10/27/99	APPROVED		
			REVISED		CERTIFIED		
			DRAWN	VP Jr.			
							48

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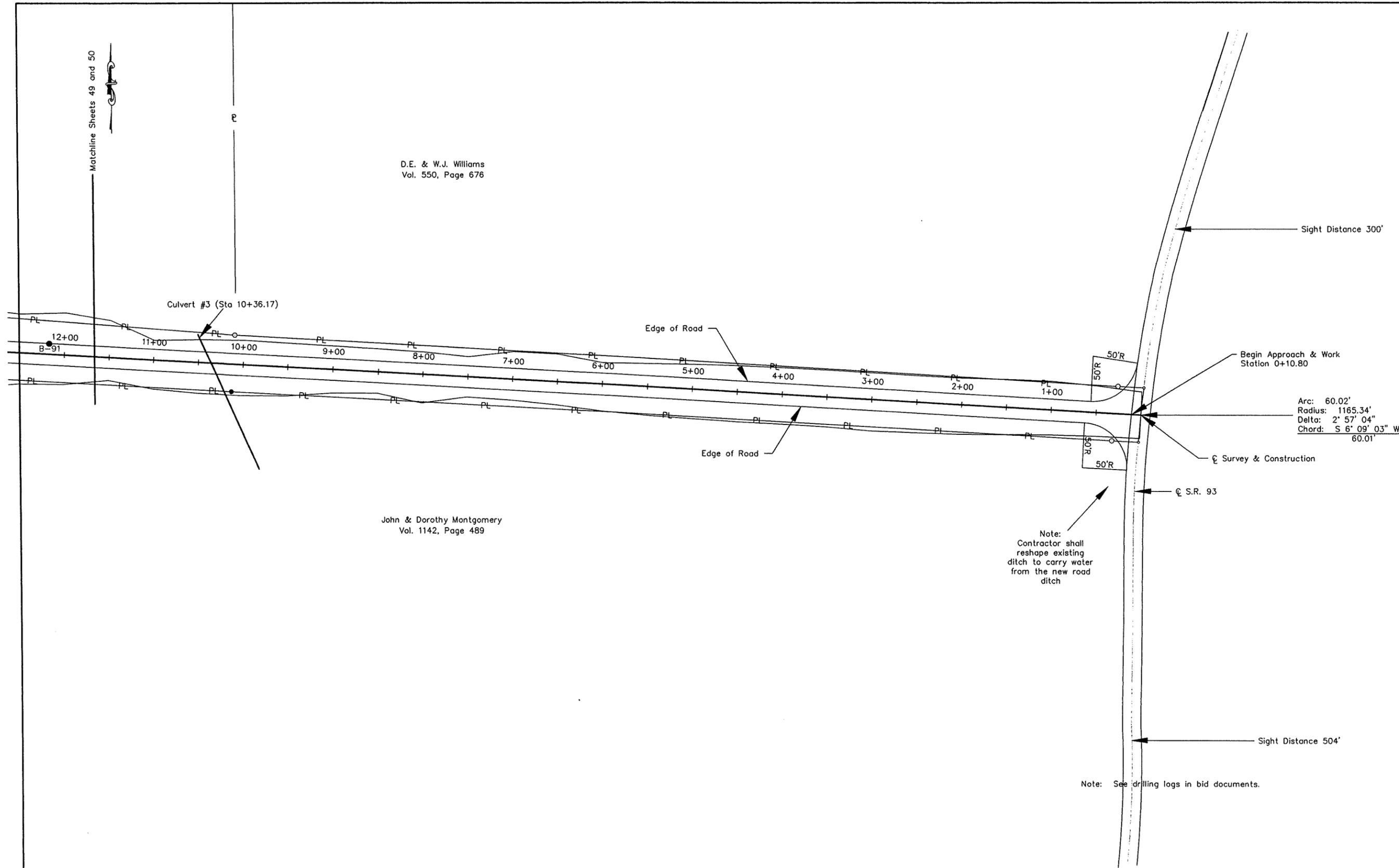
Note: See drilling logs in bid documents.

<p><i>The TCW Company</i> 1218 St. Rt. 93 NE New Lexington, Ohio 43784 (740) 342-5131</p>  <p>ENGINEERING SURVEYING RESOURCE DEVELOPMENT</p>	Zanesville-Muskingum County Port Authority ZANESVILLE, OHIO 43701		SCALE	1" = 50'	CHECKED	TCW	Dollar General Access Road Boring Locations	49
	DATE	10/27/99	APPROVED					
	REVISED		CERTIFIED					
	DRAWN	VP Jr.						

Matchline Sheets 49 and 50

D.E. & W.J. Williams
Vol. 550, Page 676

John & Dorothy Montgomery
Vol. 1142, Page 489



The JGW Company
1218 St. Rt. 63 NE
New Lexington, Ohio 43764 (740) 342-5131

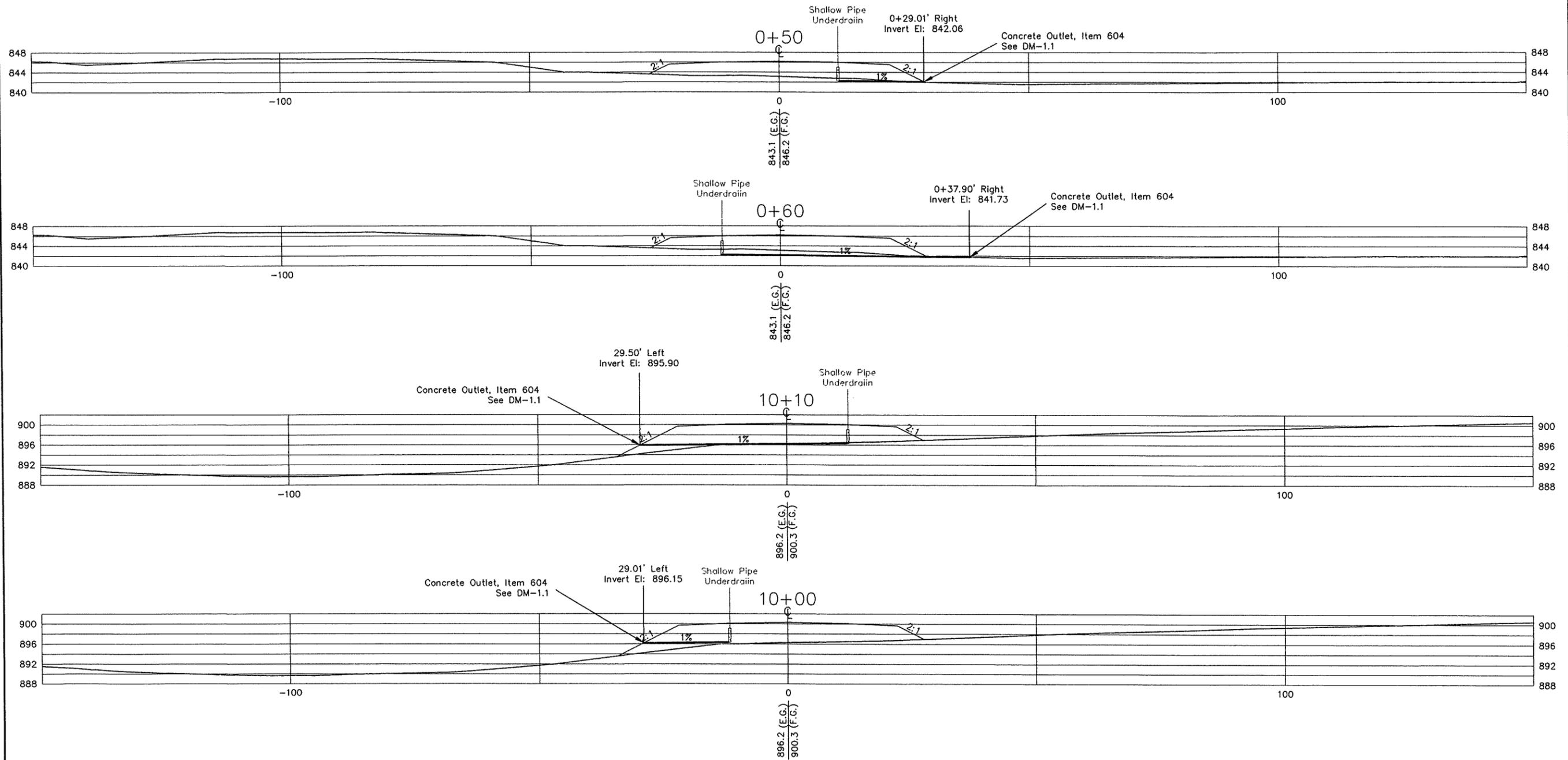


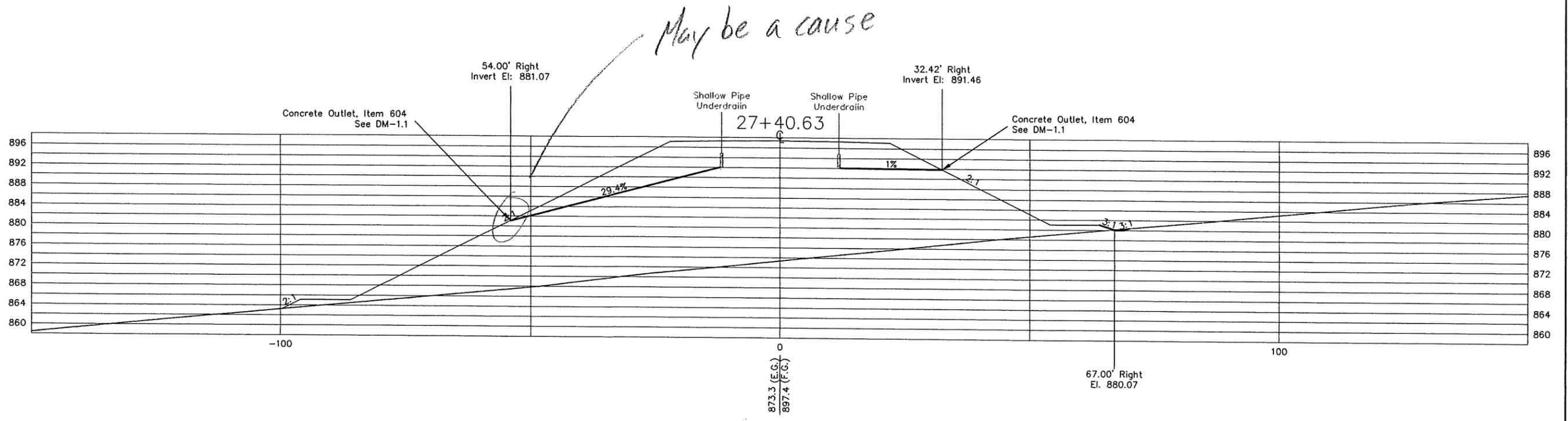
ENGINEERING
SURVEYING
RESOURCE
DEVELOPMENT

Zanesville-Muskingum County
Port Authority
ZANESVILLE, OHIO 43701

SCALE	1" = 50'	CHECKED	TCW
DATE	10/27/99	APPROVED	
REVISION		CERTIFIED	
DRAWN	VP Jr.		

Dollar General
Access Road
Boring Locations





The JGW Company
 1218 St. Rt. 93 NE
 New Lexington, Ohio 43764 (740) 342-5131

ENGINEERING
 SURVEYING
 RESOURCE
 DEVELOPMENT

Zanesville-Muskingum County
 Port Authority
 Zanesville, Ohio 43701

SCALE	1" = 10'	CHECKED	TCW
DATE	10/28/99	APPROVED	
REVISED		CERTIFIED	
DRAWN	VP Jr.		

Dollar General
 Access Road
 Underdrain Outlets