

Request for Proposal (RFP)

Bid No: Bid 26-05-4136SB

Addendum No. 4

Date: June 26, 2026

To: All Proposers

Subject: Addendum No. 4
Consisting of Ninety (90) Pages

RFP No.: Bid 26-05-4136SB

Project Name: N9073(1)1,2&4 Blue Canyon Road Project in Apache County, AZ

Owner: Navajo Division of Transportation

Proposer shall make note of and/or incorporate all changes listed below into the requested Request for Proposal (RFP):

1. RFP:

- a. Replace the Bid Schedule form with the attached pages. The excel version of this file will also be replaced on the Navajo DOT RFP website.

2. Plans:

- Sheet 7 ESTIMATED QUANTITIES TABLES:
 - Revised to update quantity for Bid Item No. 20401-0000 Roadway Excavation to 160,000 m³ to account for profile changes.
 - Revised to update the description for Bid Item No. 25302-100 Gabions, Aluminized Coated, Class 2 to be Gabions, Galvanized or Aluminized Coated, Class 2 and the quantity to 9,335 m³, accounting for the removal of the work removed from the scope.
- Sheet 8A ESTIMATED QUANTITIES TABLES:
 - Revised schedule for Bid Item No. 61901-1000: Fence, barbed wire, 5-strand to correct a calculation error which updated the subtotal. The overall project total did not change.
- Sheet 8B ESTIMATED QUANTITIES TABLES:
 - Revised to update quantities for schedule for Earthwork Quantities to account for profile changes.
- Sheet 33A GABION WALL CROSS SECTION TABLE & GENERAL NOTES:
 - Revised to update the description for Bid Item No. 25302-100 Gabions, Aluminized Coated, Class 2 to be Gabions, Galvanized or Aluminized Coated, Class 2 and the quantity to 9,335 m³, accounting for the removal of the work removed from the scope.
- Sheets 15, 16, 18, 21, and 22 PLAN & PROFILE SHEETS:
 - Revised to adjust profile to create more fill quantity.

Request for Proposal (RFP)
Bid No: Bid 26-05-4136SB
Addendum No. 4

- Sheets 56, 57, and 58 PIPE CROSS SECTIONS:
 - Revised to adjust DS-71P, DS-62P, DS-62PB, DS-64P, DS-65P, DS-25, and DS-49 account for changes to profile.
- Sheets 81 – 152 CROSS SECTIONS:
 - Revised cross sections to account for changes to profile.

3. Contract Book:

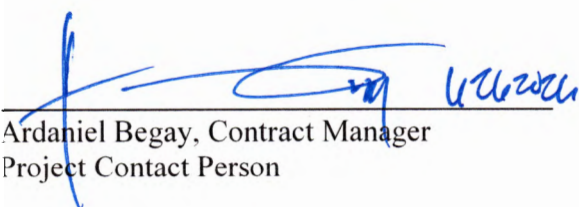
- a. Replace pages 120-122 of Exhibit D with the attached pages. Bid Schedule was revised.

4. The Navajo Division of Transportation has received the following questions regarding this and thereby issues the following response:

Question Submitted	Response Provided
Item 25112-3000 (Articulated Concrete Block Revetment) on sheet 34C falls within the exclusion area (1+200 - 1+600) and will not be constructed during this phase.	This is part of the turnout construction per Sheet 13 and 74 at Station 1+200.

END OF ADDENDUM NO. 4

Thank you for your interest!



Ardaniel Begay, Contract Manager
Project Contact Person



**BID SCHEDULE
NAVAJO NATION DIVISION OF TRANSPORTATION**

PROJECT: N9073(1)1,2&4

Date: June 25, 2026

LENGTH: 8.635 kilometers (5.36 miles)

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
10901-0000	EXTRA & MISCELLANEOUS WORK AUTHORIZED UNDER SECTION 109.02 (s)	1	LPSM	\$ 276,640.00	\$ 276,640.00
15101-0000	MOBILIZATION	1	LPSM	\$	\$
15201-0000	CONSTRUCTION SURVEY AND STAKING	1	LPSM	\$	\$
15701-0000	TEMPORARY EROSION CONTROL	1	LPSM	\$	\$
15708-1000	TEMPORARY STRAW MULCHING	12	HECTARE	\$	\$
20102-0000	CLEARING AND GRUBBING	1	LPSM	\$	\$
20301-0400	REMOVAL OF EXISTING BRIDGE	1	LPSM	\$	\$
20304-1000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LPSM	\$	\$
20401-0000	ROADWAY EXCAVATION	160,000	CUBIC METER	\$	\$
21101-2000	ROAD OBLITERATION - METHOD 2	1,900	SQUARE METER	\$	\$
21301-4000	SUBGRADE STABILIZATION 152mm DEPTH	47,000	SQUARE METER	\$	\$
25101-2000	PLACED RIPRAP CLASS 2	55	CUBIC METER	\$	\$
25112-2000	WIRE-ENCLOSED RIPRAP APRON, CLASS 2	200	CUBIC METER	\$	\$
25112-3000	WIRE-ENCLOSED RIPRAP STILLING BASIN, CLASS 2	200	CUBIC METER	\$	\$
25127-1020	ARTICULATED CONCRETE BLOCK REVETMENT, 140mm DEPTH, CC45	850	SQUARE METER	\$	\$
25302-1000	GABIONS, GALVANIZED OR ALUMINIZED COATED, CLASS 2	9,335	CUBIC METER	\$	\$
27002-0000	GROUT PIPE	1,000	METER	\$	\$
30103-2000	UNTREATED AGGREGATE BASE, GRADING "D"	29,470	TON	\$	\$
30210-0000	BEDDING & BACKFILL AGGREGATE	8	SQUARE METER	\$	\$
40301-0100	ASPHALT CONCRETE PAVEMENT, TYPE 1	16,560	TON	\$	\$
41101-5000	PRIME COAT - PENETRATING EMULSIFIED PRIME, GRADE PEP	139	TON	\$	\$
41201-1000	TACK COAT, GRADE SS-1	24	TON	\$	\$
55401-1000	REINFORCING STEEL	1,230	KILOGRAM	\$	\$
60101-0000	CONCRETE	32	CUBIC METER	\$	\$
60201-0810	600 mm CORRUGATED STEEL PIPE	520	METER	\$	\$
60201-0910	750 mm CORRUGATED STEEL PIPE	250	METER	\$	\$
60201-1010	900 mm CORRUGATED STEEL PIPE	430	METER	\$	\$
60201-1210	1200 mm CORRUGATED STEEL PIPE	190	METER	\$	\$
60201-1410	1500 mm CORRUGATED STEEL PIPE	130	METER	\$	\$
60201-1610	1800 mm CORRUGATED STEEL PIPE	130	METER	\$	\$
60210-0810	END SECTION, 600 mm CORRUGATED STEEL PIPE	45	EACH	\$	\$
60210-0910	END SECTION, 750 mm CORRUGATED STEEL PIPE	7	EACH	\$	\$
60210-1010	END SECTION, 900 mm CORRUGATED STEEL PIPE	14	EACH	\$	\$
60210-1210	END SECTION, 1200 mm CORRUGATED STEEL PIPE	8	EACH	\$	\$



**BID SCHEDULE
NAVAJO NATION DIVISION OF TRANSPORTATION**

PROJECT: N9073(1)1,2&4

Date: June 25, 2026

LENGTH: 8.635 kilometers (5.36 miles)

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
60222-3150	3000mm SPAN, 2400mm RISE REINFORCED CONCRETE BOX CULVERT, DOUBLE BA	1	LPSM	\$	\$
60223-4050	3-BARREL 4.27m SPAN x 2.44m R x 18.632 m CBC WITH HEADWALL, WINGWALLS &	1	LPSM	\$	\$
60403-0000	INLET	2	EACH	\$	\$
60701-1000	REMOVE, CLEAN, AND STOCKPILE PIPE	210	METER	\$	\$
60902-0500	CURB AND GUTTER, CONCRETE, 175mm DEPTH	230	METER	\$	\$
61100-1700	50mm WATER LINE, PVC	91	METER	\$	\$
61102-0545	25mm WATERLINE	175	METER	\$	\$
61102-2950	150mm WATER LINE, PVC, HDPE	161	METER	\$	\$
61102-3450	250mm WATER LINE, PVC, HDPE	595	METER	\$	\$
61103-0700	200mm ENCASEMENT PIPE, GALVANIZED STEEL	46	METER	\$	\$
61103-1480	500mm ENCASEMENT PIPE, GALVANIZED STEEL	68	METER	\$	\$
61104-0300	VALVE, BLOWOFF	1	EACH	\$	\$
61104-0600	VALVE, GATE WITH BOX, 50mm	5	EACH	\$	\$
61104-0800	150mm VALVE, GATE WITH BOX	6	EACH	\$	\$
61104-0950	250mm VALVE, GATE WITH BOX	12	EACH	\$	\$
61109-1000	RELOCATE MANHOLE (See Asbuilts)	1	LPSM	\$	\$
61114-0000	WATER SYSTEM ACCESSORY, BENDS AND TEES	24	EACH	\$	\$
61114-0001	WATER SYSTEM ACCESSORY, AIR RELEASE VALVE for 250mm pipe	2	EACH	\$	\$
61114-0002	WATER SYSTEM ACCESSORY, AIR RELEASE VALVE for 150mm pipe	1	EACH	\$	\$
61114-1500	WATER SYSTEM ACCESSORY, TIE-IN (pressurized connections)	11	EACH	\$	\$
61114-5000	WATER SYSTEM ACCESSORY, CURB STOP, 25mm	5	EACH	\$	\$
61114-6000	WATER SYSTEM ACCESSORY, CONCRETE THRUST COLLAR	5	EACH	\$	\$
61114-8000	WATER SYSTEM ACCESSORY, REDUCER, 150mm X 50mm	1	EACH	\$	\$
61202-0100	100mm SEWER LINE, PLASTIC	30	METER	\$	\$
61206-0000	RELOCATE SANITARY SERVICE	5	EACH	\$	\$
61701-5000	GUARDRAIL SYSTEM, SGR20B, TYPE PDE02 WITH MSKT-TL3-8 END TERMINAL & THRIE BEAM	1,535	METER	\$	\$
61801-0000	CONCRETE BARRIER	177	METER	\$	\$
61901-1000	FENCE, 5-STRAND BARB WIRE FENCING	17,200	METER	\$	\$
61903-0310	CATTLEGUARD 2 UNIT, w/ 4900 mm WIDTH w/ TYPE 2 GATE	19	EACH	\$	\$
61903-0710	CATTLEGUARD 3 UNIT, w/ 7190 mm WIDTH w/ TYPE 2 GATE	4	EACH	\$	\$
61903-1210	CATTLEGUARD 4 UNIT, w/ 9480 mm WIDTH w/ TYPE 2 GATE	4	EACH	\$	\$
62101-0000	RIGHT-OF-WAY MONUMENT	70	EACH	\$	\$
62102-0000	REFERENCE MARKER	70	EACH	\$	\$
62510-1000	SEEDING, DRY METHOD	12	HECTARE	\$	\$



**BID SCHEDULE
NAVAJO NATION DIVISION OF TRANSPORTATION**

PROJECT: N9073(1)1,2&4

Date: June 25, 2026

LENGTH: 8.635 kilometers (5.36 miles)

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
63302-2001	SIGN INSTALLATION 1-POST 38 mm X 38 mm, SQUARE STEEL TUBE	23	SQUARE METER	\$	\$
63302-2002	SIGN INSTALLATION 1-POST 44 mm x 44 mm, SQUARE STEEL TUBE	21	SQUARE METER	\$	\$
63302-2006	SIGN INSTALLATION 2-POST 50 mm x 50 mm, SQUARE STEEL TUBE	2	SQUARE METER	\$	\$
63302-2012	SIGN INSTALLATION 4-POST 57 mm x 57 mm, SQUARE STEEL TUBE	0	SQUARE METER	-----	-----
63308-2000	OBJECT MARKER, TYPE 2	48	EACH	\$	\$
63308-3000	OBJECT MARKER, TYPE 3	4	EACH	\$	\$
63309-0010	DELINEATOR, TYPE 1a	18	EACH	\$	\$
63309-0020	DELINEATOR, TYPE 1b	125	EACH	\$	\$
63318-1000	MILEPOST	10	EACH	\$	\$
63401-1510	PAVEMENT MARKINGS, TYPE "H" SOLID YELLOW	14,700	METER	\$	\$
63401-1520	PAVEMENT MARKINGS, TYPE "H" SOLID WHITE	16,700	METER	\$	\$
63401-1610	PAVEMENT MARKINGS, TYPE "H" BROKEN YELLOW	1,600	METER	\$	\$
63405-3260	PAVEMENT MARKINGS, TYPE "H" STOP BAR	2	EACH	\$	\$
63501-0000	TEMPORARY TRAFFIC CONTROL	1	LPSM	\$	\$
64503-1000	UTILITY COMPANY COMPENSATION	1	CTSM	\$ 300,000.00	\$ 300,000.00
65102-0000	ROCKFALL PROTECTION FENCE	65	METER	\$	\$

Subtotal:		\$
Navajo Nation Tax (6%):		\$
Total Bid Price:		\$

Contractor Name

SCOPE-OF-WORK

The proposed work consists of furnishing all labor, material, equipment and incidentals necessary for construction of 8.635 kilometers (5.36 miles) of grading and subgrade, placement of aggregate base course, placement of hot asphaltic concrete pavement, bridge construction, installation of drainage structures, gabion wall, rockfall fence, waterline, fencing, cattleguards, gates, signs, striping and other miscellaneous work as called for in the design plans and specifications for this Project. The quantities listed for each item is estimated and the Unit Price is applicable to each as given in the Bid Schedule above. The final pay quantity measurements shall be rounded to the significant figures given in this bid schedule for the final pay estimate. Payment for work performed on Items furnished will be made in accordance with Sub-Section 109.05, Scope of Payment of FP-14. **The Unit Bid Price must include all overhead, profit, and bonding.**

SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	QUANTITY	Units
10901-0000	Extra & Miscellaneous Work Authorized under Section 109.02(s)	1	Lump Sum
15101-0000	Mobilization	1	Lump Sum
15201-0000	Construction Survey and Staking	1	Lump Sum
15701-0000	Temporary Erosion Control	1	Lump Sum
15708-1000	Temporary Straw Mulching	11.5	ha
20102-0000	Clearing & Grubbing	1	Lump Sum
20301-0400	Removal of Existing Bridge	1	Lump Sum
20304-1000	Removal of Structures & Obstructions	1	Lump Sum
20401-0000	Roadway Excavation	180,000	m ³
21101-2000	Road Obliteration - Method 2	1,900	m ²
21201-0000	Linear Grading	0.75	km
21301-4000	Subgrade Stabilization, 152mm Depth	47,000	m ²
25101-2000	Placed RipRap Class 2	55	m ³
25112-2000	Wire Enclosed Riprap Apron, Class 2	200	m ³
25112-3000	Wire Enclosed Riprap Stilling Basin, Class 2	200	m ³
25127-1020	Articulated Concrete Block Revetment, 140mm Depth, CC45	850	m ²
25302-1000	Gabions, Galvanized or Aluminized Coated, Class 2	9,335	m ³
30103-2000	Untreated Aggregate Base, Grading "D"	29,470	t
40301-0100	Asphalt Concrete Pavement, Type I	16,560	t
41101-5000	Prime Coat - Penetrating Emulsified Prime, Grade PEP	139	t
41201-1000	Tack Coat, Grade SS-1	24	t
55401-1000	Reinforcing Steel	1,230	kg
60101-0000	Concrete	32	m ³
60201-0810	600 mm Corrugated Steel Pipe	520	m
60201-0910	750 mm Corrugated Steel Pipe	250	m
60201-1010	900 mm Corrugated Steel Pipe	430	m
60201-1210	1200 mm Corrugated Steel Pipe	190	m
60201-1410	1500 mm Corrugated Steel Pipe	130	m
60201-1610	1800 mm Corrugated Steel Pipe	130	m
60210-0810	End Section, 600 mm Corrugated Steel Pipe	45	Each
60210-0910	End Section, 750 mm Corrugated Steel Pipe	7	Each
60210-1010	End Section, 900 mm Corrugated Steel Pipe	14	Each
60210-1210	End Section, 1200 mm Corrugated Steel Pipe	8	Each
60222-3150	3000mm span, 2400mm Rise CBC with Headwall, Wingwalls & Footing, Double Barrel	1	Lump Sum
60223-4050	3-Barrel 4.27m Span x 2.44m R x 18.632 m CBC with Headwall, Wingwalls & Footing	1	Lump Sum
60403-0000	Inlet	2	Each
60701-1000	Remove, Clean and Stockpile Pipe	210	m
60902-0500	Curb and gutter, Concrete, 175 mm Depth	230	m
61701-5000	Guardrail System, SGR20B, Type PDE02 With MSKT-TL3-8 End Terminal & Thrie Beam	1,535	m
61801-0000	Concrete Barrier	177	m
61901-1000	Fence, 5-Strand Barb Wire Fencing	17,200	m
61903-0310	Cattleguard 2 Unit, w/ 4900 mm Width, w/ Type 2 Gate	19	Each
61903-0710	Cattleguard 3 Unit, w/ 7190 mm Width, w/ Type 2 Gate	4	Each
61903-1010	Cattleguard 4 Unit, w/ 9480 mm Width, w/ Type 2 Gate	4	Each
62101-0000	Right-Of-Way Monument	70	Each
62102-0000	Reference Marker	70	Each
62510-1000	Seeding, Dry Method	11.5	ha
63302-2001	Sign Installation 1-Post 38 mm X 38 mm, Square Steel Tube	23	m ²
63302-2002	Sign Installation 1-Post 44 mm x 44 mm, Square Steel Tube	21	m ²
63302-2006	Sign Installation 2-Post 50 mm x 50 mm, Square Steel Tube	2	m ²
63302-2007	Sign Installation 2-Post 67 mm x 67 mm, Square Steel Tube	6	m ²
63308-2000	Object Marker, Type 2	48	Each
63308-3000	Object Marker, Type 3	4	Each
63309-0010	Delineator, Type 1a	18	Each
63309-0020	Delineator, Type 1b	125	Each
63318-1000	Milepost	10	Each
63401-1510	Pavement Markings, Type "H" solid yellow	14,700	m
63401-1520	Pavement Markings, Type "H" solid white	16,700	m
63401-1610	Pavement Markings, Type "H" broken yellow	1,600	m
63405-3260	Pavement Markings, Type "H" Stop bar	2	Each
63501-0000	Temporary Traffic Control	1	Lump Sum
64503-1000	Utility Company Compensation	1	CTSM
65102-0000	Rockfall Protection Fence	65	m

SURFACING SCHEDULE

ORIGINAL DESIGN															
				30103-2000				40301-0100				41101-5000		41201-1000	
STATION	STATION	LENGTH (m)	DESCRIPTION	UNTREATED AGGREGATE BASE GRADING "D"				ASPHALT CONCRETE PAVEMENT, TYPE I				ASPHALT PRIME COAT, PENETRATING EMULSIFIED PRIME (PEP)		TACK COAT, GRADE SS-1	
				WIDTH (m)	DEPTH (m)	AREA (m ²)	METRIC TON	WIDTH (m)	DEPTH (m)	AREA (m ²)	METRIC TON	WIDTH (m)	METRIC TON	WIDTH (m)	METRIC TON
PHASE 1, SEGMENT 1															
0+000.00	0+383.00	383.00		11.46	0.127	4389.37	1264.30	10.97	0.076	4199.67	741.76	11.46	5.93	10.97	1.01
0+000.00	0+383.00	-	TURNOUTS	VARIES	0.127	469.54	135.24	VARIES	0.076	469.54	82.93	VARIES	0.63	10.97	0.11
0+383.00	0+493.00	110.00	TIE IN TO EXISTING	11.46	0.127	1260.66	363.11	10.97	0.076	1206.17	213.04	11.46	1.70	10.97	0.29
TURNOUT AT STATION 1+200															
1+200.00	-	-	TURNOUT	VARIES	0.127	1210.00	348.52	14.00	0.076	1210.00	213.72	14.00	1.63	14.00	0.28
PHASE 1, SEGMENT 2															
1+760.00	1+900.00	140.00	TIE IN TO EXISTING	10.92	0.127	1528.94	440.39	9.93	0.076	1390.26	245.55	10.92	2.06	9.93	0.35
1+900.00	10+152.00	8252.00		10.92	0.127	90120.09	25957.83	9.93	0.076	81945.66	14473.57	10.92	121.66	9.93	20.73
1+900.00	10+152.00	-	TURNOUTS	VARIES	0.127	3301.15	950.85	VARIES	0.076	3301.15	583.06	VARIES	4.46	9.93	0.76
				SUBTOTAL				29460.25					16553.63	139.08	23.52
				USE				29470					16560	139	24
PHASE 2 (FOR REFERENCE ONLY)															
0+383.00	1+200.00	817.00		10.32	0.127	8432.26	2428.79	9.33	0.076	7622.94	1346.39	10.32	11.38	9.33	1.94
0+383.00	1+200.00	-	TURNOUTS	VARIES	0.127	226.59	65.27	VARIES	0.076	226.59	40.02	VARIES	0.31	9.33	0.00
1+200.00	1+640.00	440.00		10.32	0.127	4541.24	1308.04	9.33	0.076	4105.38	725.11	10.32	6.13	9.33	1.04
1+200.00	1+900.00	-	TURNOUTS	VARIES	0.127	226.59	65.27	VARIES	0.076	226.59	40.02	VARIES	0.31	9.33	0.00
1+640.00	1+900.00	260.00		10.32	0.127	2683.46	772.93	9.93	0.076	2581.90	456.03	10.32	3.62	9.33	0.62

ITEM No. 21301-4000: SUBGRADE STABILIZATION 152mm DEPTH

STATION	TO	STATION	LENGTH (m)	WIDTH (m)	AREA (m ²)
PHASE 1, SECTION 2					
4+000.00	TO	7+000.00	3000.00	12.6	37800
9+080.00	TO	9+800.00	720.00		9072
SUBTOTAL					46872
USE					47000

ITEM No. 21201-0000 LINEAR GRADING

STATION	TO	STATION	LENGTH (m)	LENGTH (km)
PHASE 1, SEGMENT 1 TO INTERSECTION				
0+450.00	TO	1+200.00	750.00	0.75
SUBTOTAL			0.75	
USE			0.75	

WATERLINE RELOCATION: SUMMARY OF QUANTITIES

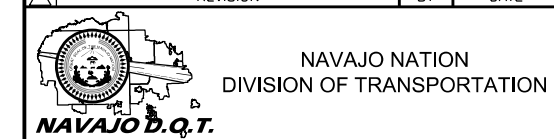
ITEM	DESCRIPTION	Quantity	Units
27002-0000	GROUT PIPE	1000	M
30210-0000	BEDDING & BACKFILL AGGREGATE	8	CM
61100-1700	50mm WATER LINE, PVC	91	M
61102-0545	25mm WATERLINE	175	M
61102-2950	150mm WATER LINE, PVC, HDPE	161	M
61102-3450	250mm WATER LINE, PVC, HDPE	595	M
61103-0700	200mm ENCASEMENT PIPE, GALVANIZED STEEL	46	M
61103-1480	500mm ENCASEMENT PIPE, GALVANIZED STEEL	68	M
61104-0300	VALVE, BLOWOFF	1	EACH
61104-0600	VALVE, GATE WITH BOX, 50mm	5	EACH
61104-0800	150mm VALVE, GATE WITH BOX	6	EACH
61104-0950	250mm VALVE, GATE WITH BOX	12	EACH
61109-1000	RELOCATE MANHOLE	1	LPSM
61114-0000	WATER SYSTEM ACCESSORY, BENDS AND TEES	24	EACH
61114-0001	WATER SYSTEM ACCESSORY, AIR RELEASE VALVE for 250mm pipe	2	EACH
61114-0002	WATER SYSTEM ACCESSORY, AIR RELEASE VALVE for 150mm pipe	1	EACH
61114-1500	WATER SYSTEM ACCESSORY, TIE-IN	11	EACH
61114-5000	WATER SYSTEM ACCESSORY, CURB STOP, 25mm	5	EACH
61114-6000	WATER SYSTEM ACCESSORY, CONCRETE THRUST COLLAR	5	EACH
61114-8000	WATER SYSTEM ACCESSORY, REDUCER, 150mm X 50mm	1	EACH
61202-0100	100mm SEWER LINE, PLASTIC	30	M
61206-0000	RELOCATE SANITARY SERVICE	5	EACH

WILSON & COMPANY

4401 MASTHEAD ST. NE, SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com



3	REVISED QUANTITIES	MKC	6/25/26
2	REVISED QUANTITIES	MKC	6/18/26
1	REVISED QUANTITIES	MKC	6/11/26
Δ	REVISION	BY	DATE



N9073(1) 1, 2 & 4

ESTIMATED QUANTITIES TABLES

PROJECT MANAGER: DDM	DATE: 1/22	DRAWING	SHEET
LEAD DESIGNER: MLL	DATE: 1/22		
ASBUILT BY:	DATE: XXX		
SCALE: N/A			OF 84

TURNOUT LOCATIONS AND CATTLEGUARD SCHEDULE

STATION	LOC.	DESCRIPTION	61903-0310 Cattleguard 2-Unit	61903-0710 Cattleguard 3-Unit	61903-1010 Cattleguard 4-Unit
PHASE 1, SEGMENT 1					
0+033.970	RT	4.5 M WIDE TURNOUT			
0+383.000	CL	INSTALL 4 UNIT CATTLEGUARD ON N9073, TYP 2 GATE			1
0+075.000	RT	4.5 M WIDE TURNOUT			
0+180.635	RT	4.5 M WIDE TURNOUT			
0+270.000	RT	4.5 M WIDE TURNOUT			
TURNOUT IMPROVEMENT					
1+200.000	LT	8.0 M WIDE TURNOUT W/4 UNIT CATTLEGUARD, TYP 2 GATE			1
PHASE 1, SEGMENT 2					
1+900.000	CL	INSTALL 4 UNIT CATTLEGUARD ON N9073, TYP 2 GATE			1
2+590.230	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
3+130.410	RT	8.0 M WIDE TURNOUT W/4 UNIT CATTLEGUARD, TYP 2 GATE			1
4+165.685	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
4+278.621	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
4+293.512	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
4+520.000	RT	7.0 M WIDE TURNOUT W/3 UNIT CATTLEGUARD, TYP 2 GATE		1	
5+819.262	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
5+862.827	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
5+953.964	LT	7.0 M WIDE TURNOUT W/3 UNIT CATTLEGUARD, TYP 2 GATE		1	
6+190.582	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
6+342.119	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
6+359.364	LT	7.0 M WIDE TURNOUT W/3 UNIT CATTLEGUARD, TYP 2 GATE		1	
6+610.761	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
6+617.343	LT	7.0 M WIDE TURNOUT W/3 UNIT CATTLEGUARD, TYP 2 GATE		1	
6+807.059	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
7+169.458	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
7+508.779	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
7+911.045	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
8+238.000	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
8+386.730	RT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
8+567.303	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
9+367.399	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
9+565.040	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
9+805.482	LT	4.5 M WIDE TURNOUT W/2 UNIT CATTLEGUARD, TYP 2 GATE	1		
TOTAL			19	4	4
PHASE 2 (FOR REFERENCE ONLY)					
0+800.000	CL	INSTALL 5 UNIT CATTLEGUARD ON N9073, TYP 2 GATE			1
1+450.000	LT	7.0 M WIDE TURNOUT W/3 UNIT CATTLEGUARD, TYP 2 GATE		1	

STRAW MULCHING AND SEEDING, DRY METHOD

STATION TO STATION	LOCATION	ITEM 15708-1000 STRAW MULCHING AREA (ha)	ITEM 62510-1000 SEEDING AREA (ha)	REMARKS	
PHASE 1, SEGMENT 1					
0+000	0+383	Lt./Rt.	0.395	0.395	Area inside subgrade hinge point to catch limits
PHASE 1, SEGMENT 2					
1+900	10+152	Lt./Rt.	10.301	10.301	Area inside subgrade hinge point to catch limits
3+095.11	3+125.96	Rt.	0.030	0.030	Existing Turnout
3+139.50	3+233.39	Lt.	0.031	0.031	Existing Road
4+318.41	4+339.94	Rt.	0.005	0.005	Existing Turnout
4+487.10	4+526.95	Rt.	0.021	0.021	Existing Road
4+746.51	4+850.42	Lt.	0.046	0.046	Existing Road
5+503.52	5+640.80	Lt.	0.069	0.069	Existing Road
5+656.23	5+678.91	Rt.	0.013	0.013	Existing Turnout
5+854.54	6+043.41	Lt.	0.092	0.092	Existing Road
6+067.94	6+079.29	Lt.	0.006	0.006	Existing Turnout
6+311.47	6+355.96	Lt.	0.019	0.019	Existing Turnout
6+720.00	6+735.80	Rt.	0.007	0.007	Existing Turnout
6+833.51	6+860.03	Lt.	0.010	0.010	Existing Turnout
7+883.25	7+900.67	Lt.	0.009	0.009	Existing Turnout
8+222.93	8+239.09	Rt.	0.009	0.009	Existing Turnout
8+504.08	8+565.35	Lt.	0.031	0.031	Existing Turnout
TOTAL			11.500	11.500	
PHASE 2 (FOR REFERENCE ONLY)					
0+383	1+900	Lt./Rt.	1.76	1.76	Area inside subgrade hinge point to catch limits
1+114.27	1+114.86	Lt.	0.014	0.014	Existing Turnout
1+344.75	1+397.92	Lt.	0.013	0.013	Existing Turnout
1+622.38	1+786.58	Lt.	0.082	0.082	Existing Road

ITEM No. 61701-5000: GUARDRAIL SYSTEM, SGR20b, TYPE PDE02 w/MSKT-TL3-8

STATION	To	STATION	LOCATION	LENGTH (m)	DESCRIPTION	REMARKS
PHASE 1, SEGMENT 1						
0+000.00	To	0+383.00	Left	383.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	Along edge of roadway
PHASE 1, SEGMENT 2						
1+900.00	To	2+480.00	Left	580.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	Left along Bonito Creek Drop-off
3+312.00	To	3+340.00	Left	28.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	CWB Upstream Approach
3+440.00	To	3+468.00	Left	28.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	CWB Downstream Approach
4+840.00	To	4+930.00	Left	90.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	Along edge of roadway
5+160.00	To	5+410.00	Left	250.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	Along edge of roadway
TOTAL				1359		
PHASE 2 (FOR REFERENCE ONLY)						
0+383.00	To	0+790.00	Left	407.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	Along edge of roadway
0+520.00	To	0+540.00	Right	20.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	CWB Downstream Approach
1+072.00	To	1+100.00	Right	28.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	CWB Upstream Approach
1+320.00	To	1+400.00	Right	80.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	CWB Downstream Approach
1+652.00	To	1+680.00	Right	28.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	CWB Upstream Approach
1+800.00	To	1+900.00	Left	100.00	Std. Guardrail SGR04 with End Treatment, MSKT-TL3-8	Left along Bonito Creek Drop-off

*Note: Length given are Station-To-Station Length and does not reflect actual length of the railings and beams
 *Note: See Sheet 60 for additional quantity at bridge location

ITEM No. 61801-0000: CONCRETE BARRIER

STATION	To	STATION	LOCATION	LENGTH (m)	REMARKS
PHASE 1, SEGMENT 1					
0+306.19	To	0+312.19	Right	6.000	C&G to CWB TRANSITION (SEE SHEET 41F)
0+312.19	To	0+383.00	Right	70.810	INSTALL ROCKFALL PROTECTION FENCE ON TOP (SEE SHEET 41E)
PHASE 1, SEGMENT 2					
3+340.00	To	3+440.00	Left	100.000	(SEE SHEET 41E)
TOTAL				177	
PHASE 2 (FOR REFERENCE ONLY)					
0+383.00	To	0+520.00	Right	137.000	
1+100.00	To	1+320.00	Right	220.000	
1+680.00	To	1+840.00	Right	160.000	

ITEM No. 60701-1000: REMOVE, SALVAGE, & STOCKPILE OF EXISTING CULVERTS

STATION	LOCATION	STRUCTURE	LENGTH (m)	REMARKS	
PHASE 1, SEGMENT 1					
0+022.94	Cl.	1-1219 mm	42.00	Existing CSP, Remove, Salvage & Stockpile	
PHASE 1, SEGMENT 2					
3+211.16	Cl.	1-914 mm	7.10	Existing CSP, Remove, Salvage & Stockpile	
3+213.35	Cl.	1-914 mm	7.10	Existing CSP, Remove, Salvage & Stockpile	
3+302.96	Cl.	1-762 mm	7.45	Existing CSP, Remove, Salvage & Stockpile	
4+212.14	Cl.	1-1219 mm	9.40	Existing CSP, Remove, Salvage & Stockpile	
4+214.37	Cl.	1-1219 mm	9.40	Existing CSP, Remove, Salvage & Stockpile	
4+216.71	Cl.	1-1219 mm	9.40	Existing CSP, Remove, Salvage & Stockpile	
4+219.07	Cl.	1-1219 mm	9.40	Existing CSP, Remove, Salvage & Stockpile	
4+677.17	Cl.	1-610 mm	11.56	Existing CSP, Remove, Salvage & Stockpile	
4+980.00	Cl.	1-610 mm	9.40	Existing CSP, Remove, Salvage & Stockpile	
5+431.33	Cl.	1-762 mm	11.56	Existing CSP, Remove, Salvage & Stockpile	
6+236.64	6.38 m Lt.	1-762 mm	10.00	Existing CSP, Remove, Salvage & Stockpile	
7+139.18	5.02 m Lt.	1-610 mm	9.74	Existing CSP, Remove, Salvage & Stockpile	
7+645.55	Cl.	1-914 mm	9.74	Existing CSP, Remove, Salvage & Stockpile	
8+807.51	Cl.	1-914 mm	12.60	Existing CSP, Remove, Salvage & Stockpile	
9+360.97	2.94 m Lt.	1-610 mm	9.10	Existing CSP, Remove, Salvage & Stockpiled, Under Turnout Lt.	
9+454.50	Cl.	1-610 mm	19.00	Existing CSP, Remove, Salvage & Stockpile	
TOTAL				210.00	
PHASE 2 (FOR REFERENCE ONLY)					
1+367.76	Cl.	1-1219 mm	18.00	Existing CSP, Remove, Salvage & Stockpile	

ITEM No. 65102-0000: ROCKFALL PROTECTION FENCE

STATION	To	STATION	LOC.	LENGTH (m)	REMARKS
PHASE 1, SEGMENT 1					
0+315.19	To	0+380.00	Rt.	64.81	SEE DETAILS ON SHEETS 41B TO 41D
Total				65	

ITEM No. 61901-1000: FENCE, BARBED WIRE, 5-STRAND

STATION	To	STATION	LOC.	LENGTH (m)	REMARKS
PHASE 1, SEGMENT 1					
0+340.00	To	0+383.00	Lt.	43	Connect into End of Rock Gabion Wall and to Cattle Guard
TURNOUT IMPROVEMENT					
1+200.00	To	1+200.00	Lt.	0	Right ROW Fencing
1+200.00	To	1+200.00	Rt.	0	Left ROW Fencing
PHASE 1, SEGMENT 2					
1+900.00	-	-	Lt./Rt.	100	Tie to new Cattleguard
1+900.00	To	4+200.00	Lt.	2300	Right ROW Fencing, break at approx. 4+200 for culvert
4+200.00	To	10+152.00	Lt.	5952.00	Right ROW Fencing
1+900.00	To	4+200.00	Rt.	2300	Left ROW Fencing, break at approx. 4+200 for culvert
4+200.00	To	10+152.00	Rt.	5952.00	Left ROW Fencing
10+152.00	To	-	Lt./Rt.	31.24	Tie to new Cattleguard
Sub-Total				16678.24	
**Total				17200	1
PHASE 2 (FOR REFERENCE ONLY)					
0+383.00	To	1+200.00	Lt.	817	Right ROW Fencing
0+383.00	To	1+200.00	Rt.	817	Left ROW Fencing
0+780.00	To	0+800.00	Rt.	20	New Fence to Connect Into Rock Face
0+800.00	To	-	Lt./Rt.	31.24	Tie to new Cattleguard
1+200.00	To	1+900.00	Lt.	700	Right ROW Fencing
1+200.00	To	1+900.00	Rt.	700	Left ROW Fencing

**3% Added to Account for Terrain




STATE	PROJECT	SHEET NUMBER
AZ	N9073(1) 1, 2 & 4	8A

ITEM No. 60902-0500: CURB AND GUTTER, CONCRETE, 175MM DEPTH

STATION	To	STATION	LOCATION	LENGTH (m)	REMARKS
PHASE 1, SEGMENT 1					
0+000.00	To	0+024.89	Right	24.89	
0+046.50	To	0+069.59	Right	23.09	
0+087.69	To	0+169.38	Right	81.69	
0+191.88	To	0+261.59	Right	69.71	
0+282.84	To	0+306.19	Right	23.35	
TOTAL				222.730	
USE				230	

ITEM No. 21101-2000: ROAD OBLITERATION - METHOD 2

STATION	To	STATION	LOCATION	AREA (m ²)	REMARKS
PHASE 1, SEGMENT 2					
5+505.00	To	5+640.00	Left	693.000	
5+650.00	To	5+750.00	Right	1190.000	
TOTAL				1883.000	
USE				1900	

 4401 MASTHEAD ST. NE, SUITE 150 ALBUQUERQUE, NM 87109 PHONE: 505-348-4000 FAX: 505-348-4072 www.wilsonco.com		 Myra K. Candelaria Professional Engineer No. 85225 State of Arizona
1 REVISED QUANTITIES REVISION BY DATE		MKC 6/25/26
 NAVAJO NATION DIVISION OF TRANSPORTATION N9073(1) 1, 2 & 4		
ESTIMATED QUANTITIES TABLES		
PROJECT MANAGER: DDM	DATE: 1/22	DRAWING SHEET
LEAD DESIGNER: MLL	DATE: 1/22	
ASBUILT BY:	DATE: XXX	
SCALE: N/A		8A OF 84

STATE	PROJECT	SHEET NUMBER
AZ	N9073(1) 1, 2 & 4	8B


ITEM No. 20304-1000: REMOVAL OF STRUCTURES & OBSTRUCTIONS

Station to Station	Location	Description	Remarks
0+023.00	to 0+111.00	Rt. Existing Barbed Wire Fence	To Be Removed
2+660.00	to 2+946.00	Lt. Existing Barbed Wire Fence	To Be Removed
3+223.00	to 3+924.00	Rt. Existing Barbed Wire Fence	To Be Removed
3+614.00	to 3+991.00	Lt. Existing Barbed Wire Fence	To Be Removed
4+022.00	to 4+196.00	Rt. Existing Barbed Wire Fence	To Be Removed
4+166.00	to 4+555.00	Lt. Existing Barbed Wire Fence	To Be Removed
5+869.00	to 5+877.00	Rt. Existing Barbed Wire Fence	To Be Removed
6+358.00	to 6+598.00	Lt. Existing Barbed Wire Fence	To Be Removed
8+557.00	to 8+567.00	Lt. Existing Barbed Wire Fence	To Be Removed
8+815.00	to 8+880.00	Lt. Existing Barbed Wire Fence	To Be Removed
9+927.00	to 10+152.00	Lt. Existing Barbed Wire Fence	To Be Removed
9+934.00	to 10+152.00	Rt. Existing Barbed Wire Fence	To Be Removed
Station	Location	Description	Remarks
0+007.34	8.92 m Rt.	Existing Sign	To Be Removed
0+010.81	9.39 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+016.11	5.37 m Rt.	Existing Sewer Manhole	To Be Relocated By Owner
0+028.84	24.123 m Rt.	Existing Tree	To Be Removed
0+029.38	24.977 m Rt.	Existing Tree	To Be Removed
0+029.77	23.659 m Rt.	Existing Tree	To Be Removed
0+037.55	6.62 m Rt.	Existing Sign	To Be Removed
0+077.82	13.101 m Rt.	Existing Tree	To Be Removed
0+084.64	7.35 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+101.35	5.064 m Rt.	Existing Tree	To Be Removed
0+104.72	3.730 m Rt.	Existing Tree	To Be Removed
0+107.39	5.93 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+111.90	5.093 m Rt.	Existing Tree	To Be Removed
0+114.65	3.912 m Rt.	Existing Tree	To Be Removed
0+116.54	6.514 m Rt.	Existing Tree	To Be Removed
0+119.57	5.795 m Rt.	Existing Tree	To Be Removed
0+120.92	4.607 m Rt.	Existing Tree	To Be Removed
0+130.45	4.175 m Rt.	Existing Tree	To Be Removed
0+132.08	4.653 m Rt.	Existing Tree	To Be Removed
0+133.52	7.86 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+138.23	5.705 m Rt.	Existing Tree	To Be Removed
0+150.63	4.95 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+153.47	5.073 m Rt.	Existing Tree	To Be Removed
0+154.28	4.273 m Rt.	Existing Tree	To Be Removed
0+176.83	8.33 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+180.65	9.416 m Rt.	Existing Tree	To Be Removed
0+181.59	11.856 m Rt.	Existing Tree	To Be Removed
0+181.74	14.348 m Rt.	Existing Tree	To Be Removed
0+186.89	3.261 m Rt.	Existing Tree	To Be Removed
0+195.88	4.334 m Rt.	Existing Tree	To Be Removed
0+199.92	6.47 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+200.96	6.317 m Rt.	Existing Tree	To Be Removed
0+207.40	6.031 m Rt.	Existing Tree	To Be Removed
0+208.32	6.107 m Rt.	Existing Tree	To Be Removed
0+211.43	6.802 m Rt.	Existing Tree	To Be Removed
0+213.38	6.498 m Rt.	Existing Tree	To Be Removed
0+219.92	6.554 m Rt.	Existing Tree	To Be Removed
0+222.87	7.79 m Rt.	Existing Powerpole	To Be Relocated By Owner
0+231.61	5.552 m Rt.	Existing Tree	To Be Removed
0+234.34	5.434 m Rt.	Existing Tree	To Be Removed
0+235.68	5.487 m Rt.	Existing Tree	To Be Removed
0+238.51	5.266 m Rt.	Existing Tree	To Be Removed
0+239.47	4.973 m Rt.	Existing Tree	To Be Removed
0+252.60	2.900 m Rt.	Existing Tree	To Be Removed
0+254.47	6.165 m Rt.	Existing Tree	To Be Removed
0+262.93	2.222 m Rt.	Existing Tree	To Be Removed
0+308.50	5.401 m Rt.	Existing Tree	To Be Removed
0+309.55	5.039 m Rt.	Existing Tree	To Be Removed
0+309.79	7.366 m Rt.	Existing Tree	To Be Removed
0+333.46	4.376 m Rt.	Existing Tree	To Be Removed
0+347.00	4.347 m Rt.	Existing Tree	To Be Removed
0+748.25	0.16 m Lt.	Existing Powerpole	To Be Relocated By Owner
0+936.96	0.80 m Rt.	Existing Powerpole	To Be Relocated By Owner
1+043.43	4.38 m Lt.	Existing Powerpole	To Be Relocated By Owner
1+143.44	6.41 m Lt.	Existing Powerpole	To Be Relocated By Owner
1+245.99	3.46 m Lt.	Existing Powerpole	To Be Relocated By Owner
1+289.11	12.50 m Lt.	Existing Powerpole	To Be Relocated By Owner
1+643.62	4.81 m Rt.	Existing Powerpole	To Be Relocated By Owner
1+701.80	4.79 m Rt.	Existing Powerpole	To Be Relocated By Owner
1+757.61	7.25 m Rt.	Existing Powerpole	To Be Relocated By Owner
1+816.79	9.50 m Rt.	Existing Powerpole	To Be Relocated By Owner
2+898.98	8.21 m Rt.	Existing Powerpole	To Be Relocated By Owner


EARTHWORK QUANTITIES		ITEM NO. 20401-0000 ROADWAY EXCAVATION				
STATION	TO	STATION	CUT (m³)	WASTE (m³)	FILL (m³)	BORROW (m³)
PHASE 1, SEGMENT 1						
0+000.00	To	0+383.00	608.76	0.00	5,933.30	5,324.54
TURNOUT IMPROVEMENTS						
1+200.00	To	1+200.00	6	0.00	376	369.30
PHASE 1, SEGMENT 2						
1+900.00	To	10+152.00	150,384.63	14,399.42	135,985.20	-14,399.42
PROJECT TOTAL			150,999.81	8,705.58	142,294.22	-8,705.58
PROJECT USE			160,000	10,000	150,000	0
PHASE 2 (FOR REFERENCE ONLY)						
0+383.00	To	1+200.00	2,872	0.00	23,514	20,641.96
1+200.00	To	1+900.00	18,478	9,084.17	9,394	0.00

Note: 18% Shrinkage Factor Applied to Fill.
Note: 34,000 cubic meters of excess earthwork to be placed in temporary construction easement between STA 1+350 to STA 1+550 per the CM's direction. Any remaining material should be moved off site.
Waste material can be placed on roadway from STA 0+450 to 1+200

1




4401 MASTHEAD ST. NE, SUITE 150
 ALBUQUERQUE, NM 87109
 PHONE: 505-348-4000
 FAX: 505-348-4072
 www.wilsonco.com



Myra K. CANDELARIA
 No. 83225
 State Expires 12/31/2025
 ARIZONA, U.S.A.

1	REVISED QUANTITIES	MKC	6/25/26
△	REVISION	BY	DATE



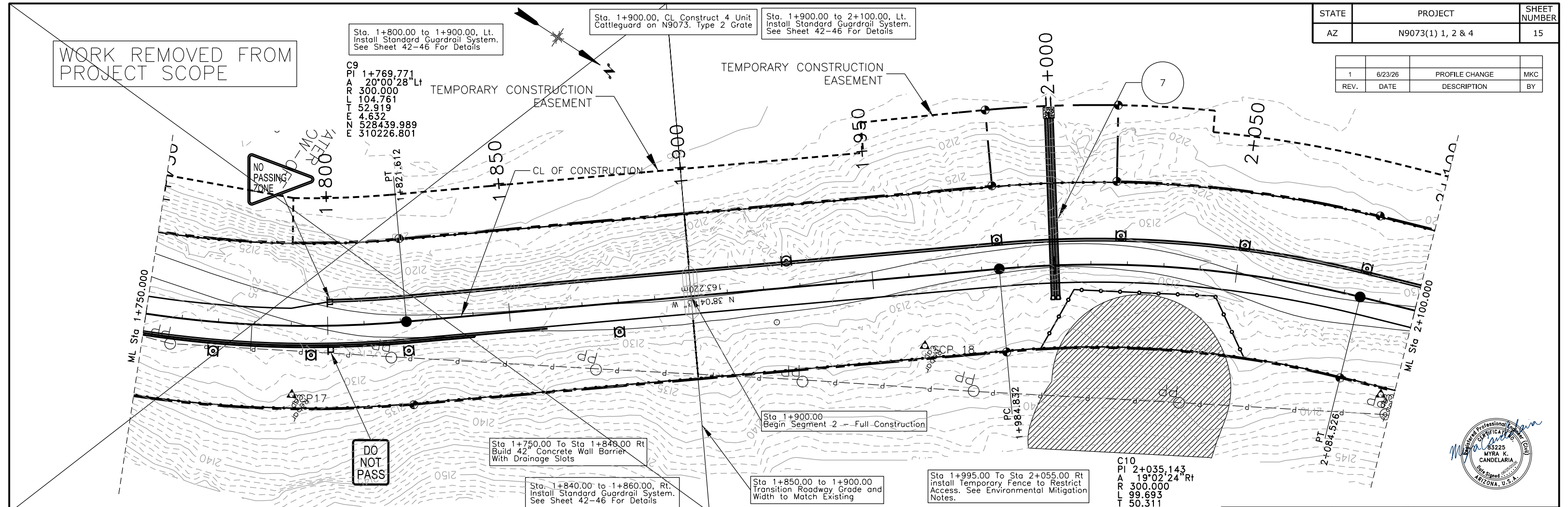
NAVAJO NATION
 DIVISION OF TRANSPORTATION
NAVAJO D.Q.T.

N9073(1) 1, 2 & 4

ESTIMATED QUANTITIES TABLES

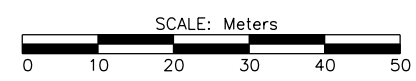
PROJECT MANAGER: DDM	DATE: 1/22	DRAWING	SHEET
LEAD DESIGNER: MLL	DATE: 1/22		
ASBUILTY: XXX	DATE: XXX		
SCALE: N/A			8B OF 84

1	6/23/26	PROFILE CHANGE	MKC
REV.	DATE	DESCRIPTION	BY

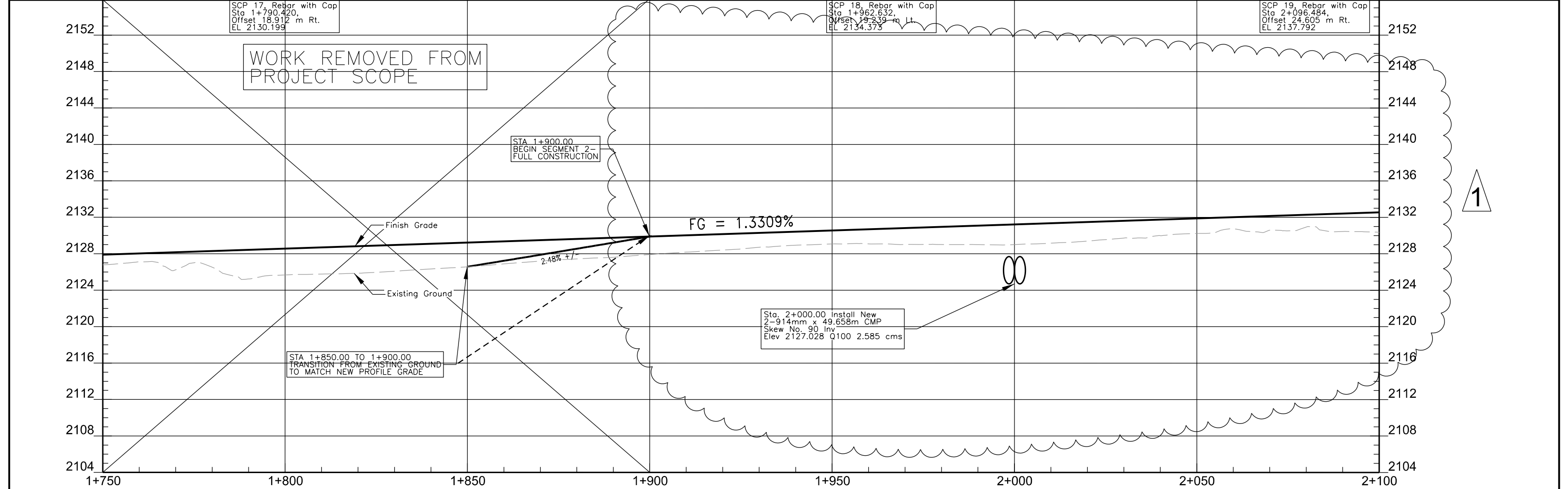


DRAINAGE STRUCTURE TABLE

Mark	Station	Structure	Skew No.	Area (ha)	Q100 (cms)	Remarks	Outlet Protection
7	2+000.00	2-914 mm x 50.00 m CMP	90	17.636	2.44	With Metal End Sections At Inlet	Wire Enclosed Riprap



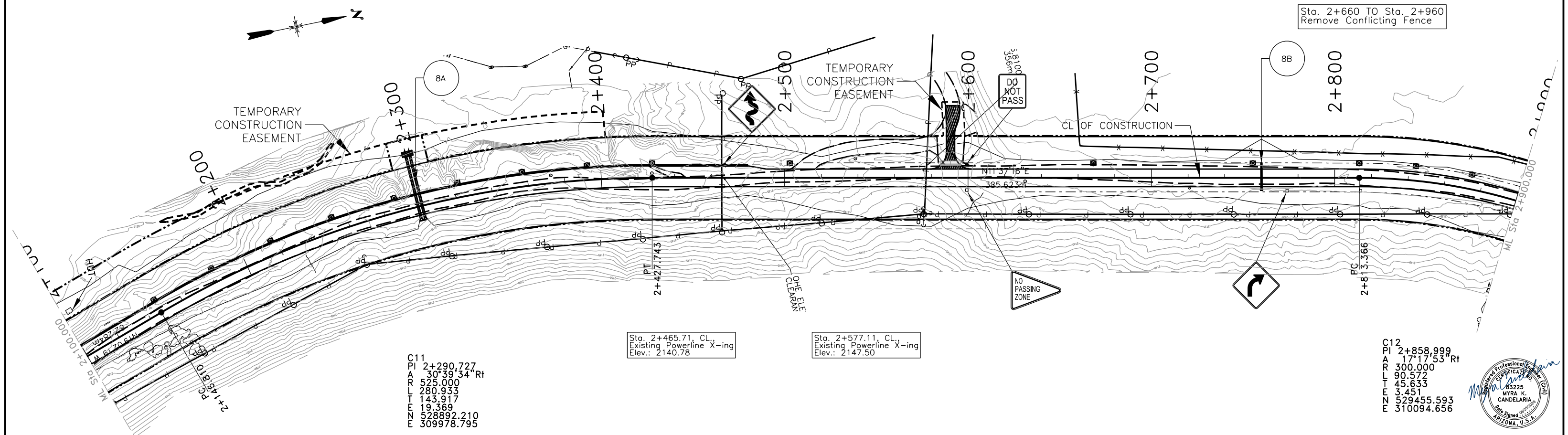
DELINEATORS		TYPE 2	RIGHT-OF-WAY	
TYPE "1a"	TYPE "1b"	OBJECT MARKER	MONUMENTS	MARKERS
0	12	0	6	6



Sta. 2+100.00 to 2+480.00, Lt.
Install Standard Guardrail System.
See Sheet 42-46 For Details

Sta. 2+590.47, Lt. Construct New
4.5 Wide Turnout with 2-Unit Flowthrough
Cattleguard And Type 2 Gate.

Sta. 2+660 TO Sta. 2+960
Remove Conflicting Fence

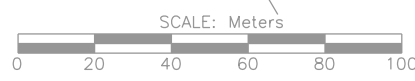


C11
PI 2+290.727
A 30°39'34" Rt
R 525.000
L 280.933
T 143.917
E 19.369
N 528892.210
E 309978.795

Sta. 2+465.71, CL,
Existing Powerline X-ing
Elev.: 2140.78

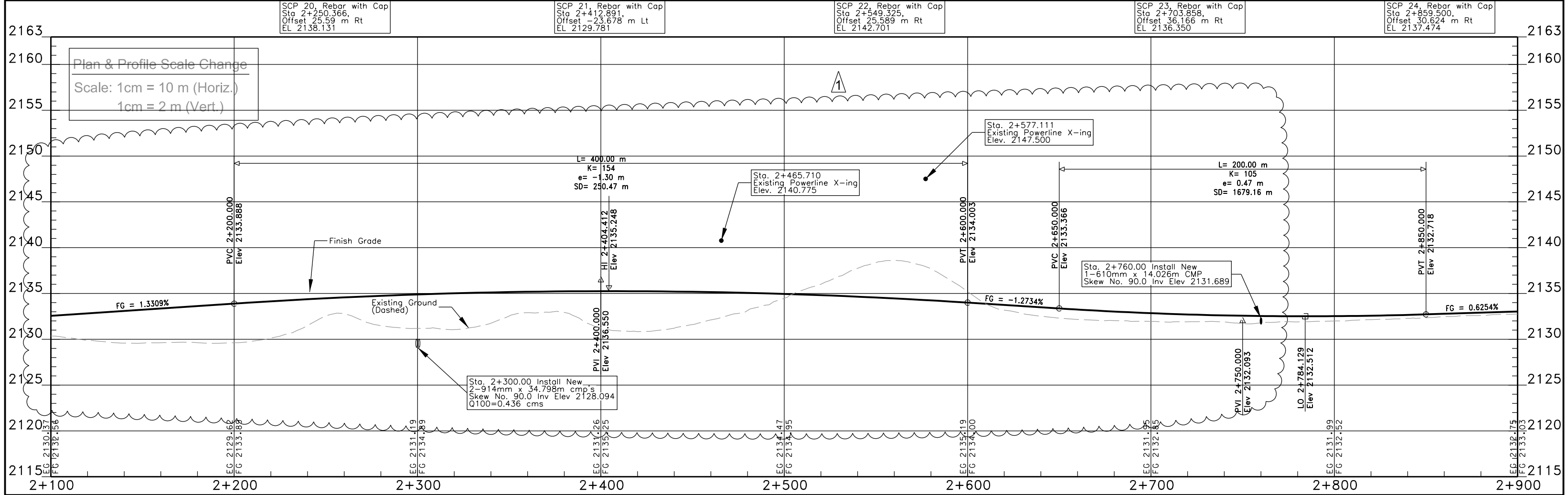
Sta. 2+577.11, CL,
Existing Powerline X-ing
Elev.: 2147.50

C12
PI 2+858.999
A 17°17'53" Rt
R 300.000
L 90.572
T 45.633
E 3.451
N 529455.593
E 310094.656



REV.	DATE	DESCRIPTION	BY
1	6/23/26	PROFILE CHANGE	MKC

Mark	Station	Structure	Skew No.	Area (ha)	Q100 (cms)	Remarks	Outlet Protection	DELINEATORS		TYPE 2 OBJECT MARKER	RIGHT-OF-WAY	
								TYPE "1a"	TYPE "1b"		MONUMENTS	MARKERS
8A	2+300.00	2-914 mm x 39.517 m CMP	90	17.636	2.44	With Metal End Sections At Inlet	Wire Enclosed Riprap	0	0	0	6	--NO SYMBOL--
8B	2+760.00	1-610 mm x 14.026 m CMP	90	-	-	With Metal End Sections At Inlet	None	0	18	0	6	



Plan & Profile Scale Change
Scale: 1cm = 10 m (Horiz.)
1cm = 2 m (Vert.)

SCP 20, Rebar with Cap
Sta 2+250.366,
Offset 25.59 m Rt
EL 2138.131

SCP 21, Rebar with Cap
Sta 2+412.891,
Offset -23.678 m Lt
EL 2129.781

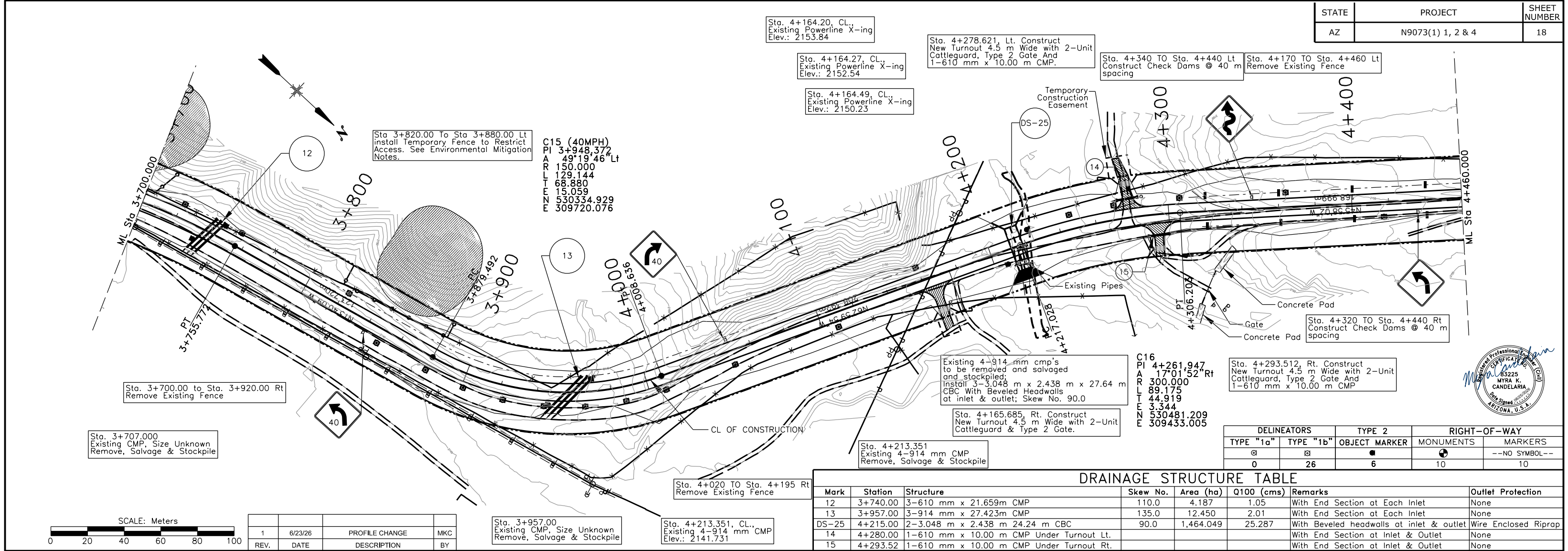
SCP 22, Rebar with Cap
Sta 2+549.325,
Offset 25.589 m Rt
EL 2142.701

SCP 23, Rebar with Cap
Sta 2+703.858,
Offset 36.166 m Rt
EL 2136.350

SCP 24, Rebar with Cap
Sta 2+859.500,
Offset 30.624 m Rt
EL 2137.474

Sta. 2+300.00 Install New
2-914mm x 34.798m cmp's
Skew No. 90.0 Inv Elev 2128.094
Q100=0.436 cms

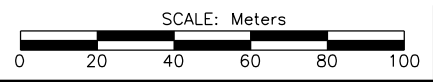
Sta. 2+760.00 Install New
1-610mm x 14.026m CMP
Skew No. 90.0 Inv Elev 2131.689



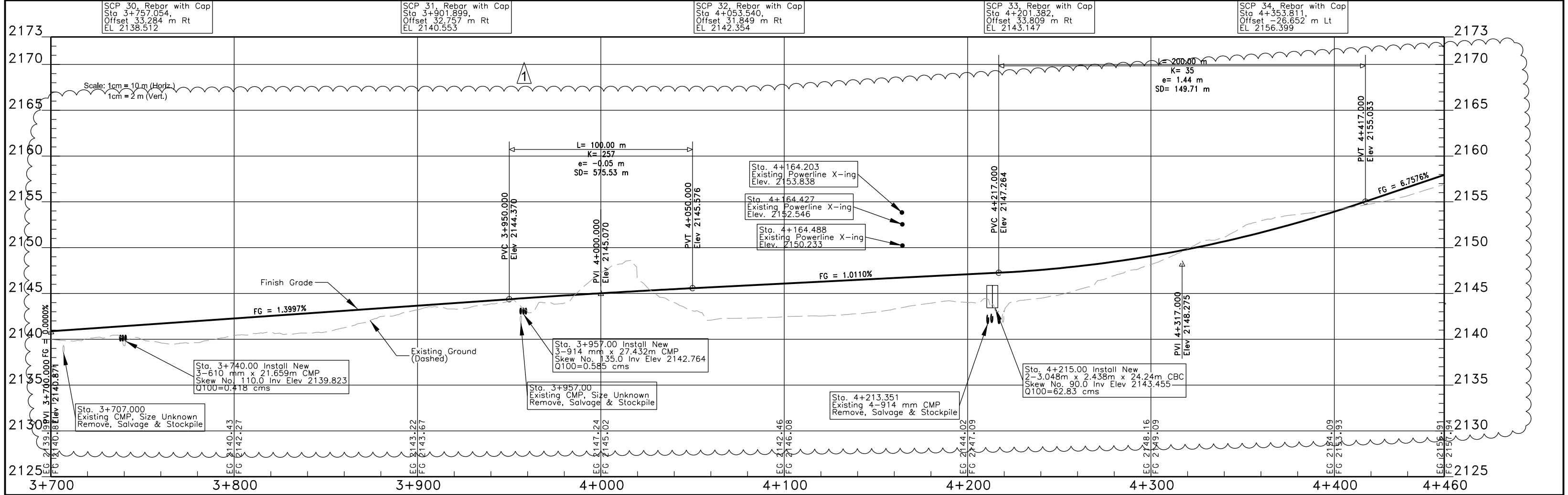
DELINEATORS		TYPE 2	RIGHT-OF-WAY	
TYPE "1a"	TYPE "1b"	OBJECT MARKER	MONUMENTS	MARKERS
0	26	6	10	--NO SYMBOL-- 10

DRAINAGE STRUCTURE TABLE

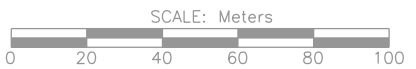
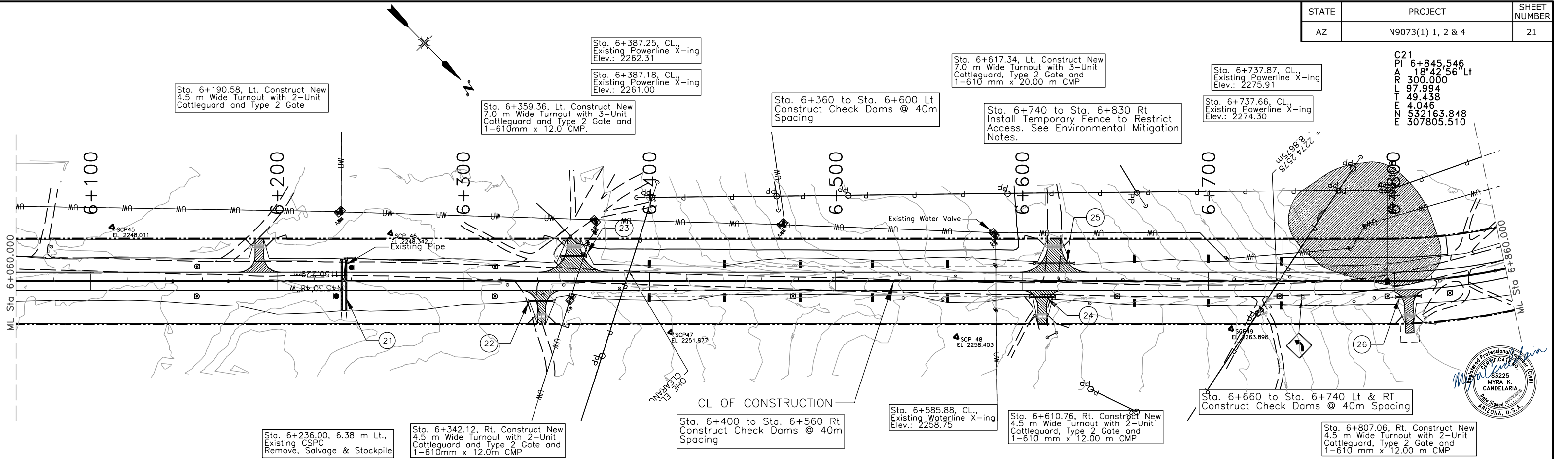
Mark	Station	Structure	Skew No.	Area (ha)	Q100 (cms)	Remarks	Outlet Protection
12	3+740.00	3-610 mm x 21.659m CMP	110.0	4.187	1.05	With End Section at Each Inlet	None
13	3+957.00	3-914 mm x 27.423m CMP	135.0	12.450	2.01	With End Section at Each Inlet	None
DS-25	4+215.00	2-3.048 m x 2.438 m 24.24 m CBC	90.0	1,464.049	25.287	With Beveled headwalls at inlet & outlet	Wire Enclosed Riprap
14	4+280.00	1-610 mm x 10.00 m CMP Under Turnout Lt.				With End Section at Inlet & Outlet	None
15	4+293.52	1-610 mm x 10.00 m CMP Under Turnout Rt.				With End Section at Inlet & Outlet	None



REV.	DATE	DESCRIPTION	BY
1	6/23/26	PROFILE CHANGE	MKC



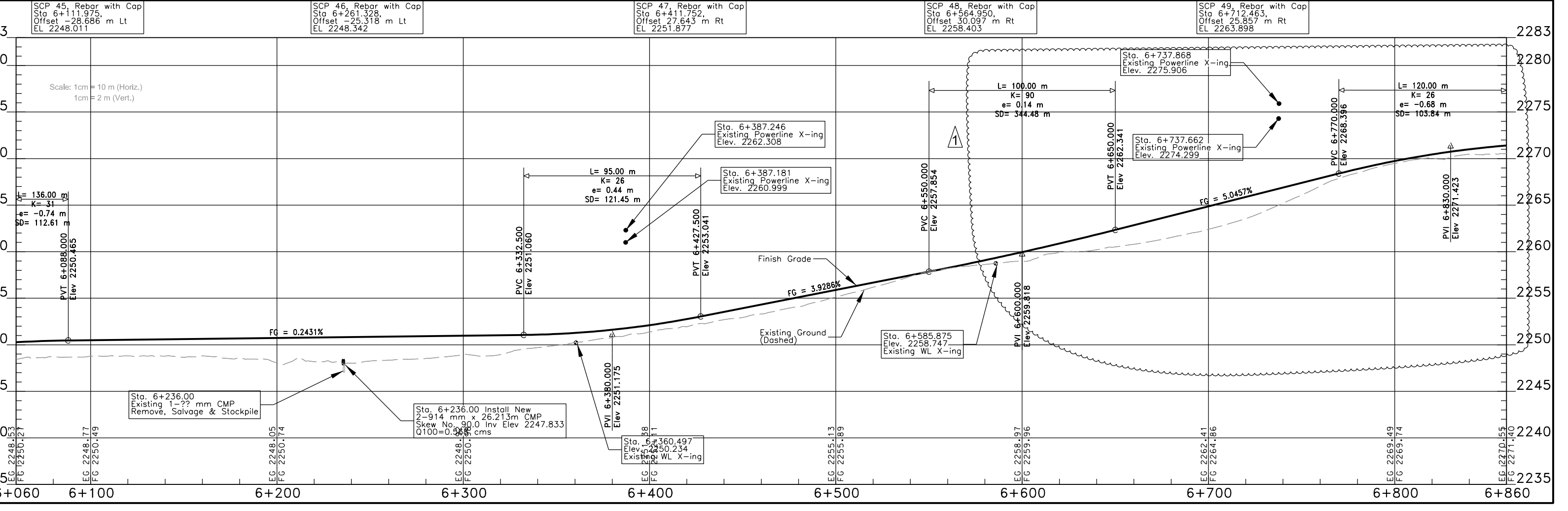
C21
 PI 6+845.546
 A 18°42'56" Lt
 R 300.000
 L 97.994
 E 4.046
 N 532163.848
 E 307805.510



REV.	DATE	DESCRIPTION	BY
1	6/23/26	PROFILE CHANGE	MKC

DELINEATORS		TYPE 2		RIGHT-OF-WAY	
TYPE "1a"	TYPE "1b"	OBJECT MARKER	MONUMENTS	MARKERS	
0	6	2	2	--NO SYMBOL--	

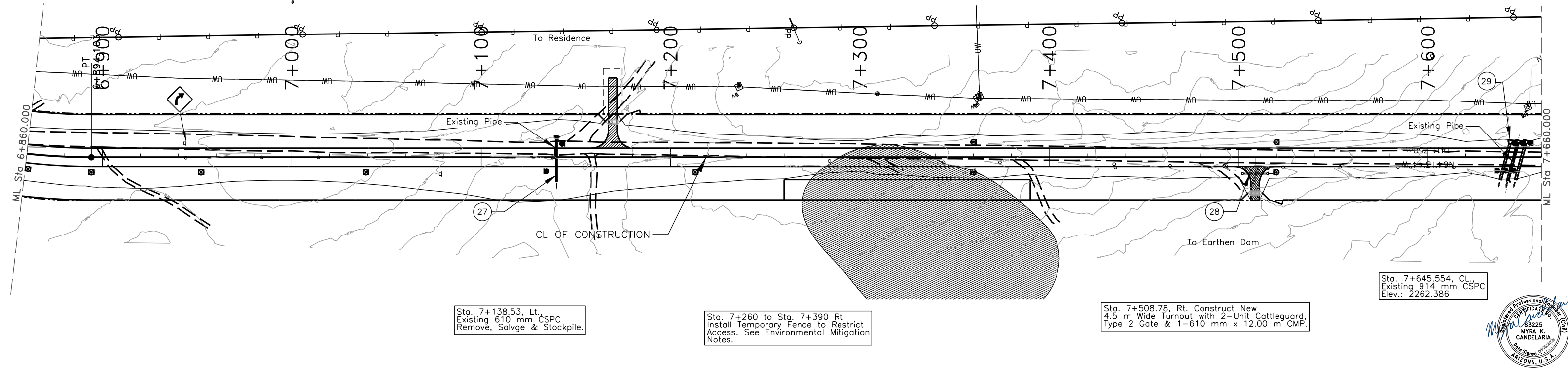
Mark	Station	Structure	Skew No.	Area (ha)	Q100 (cms)	Remarks	Outlet Protection
21	6+236.00	2-914 mm x 26.213m CMP	90.0	14.463	1.37	With End Section at Each Inlet	None
22	6+342.12	1-610 mm x 12.000 m CMP Under Turnout Rt				With End Section at Inlet & Outlet	
23	6+359.36	1-610 mm x 12.000 m CMP Under Turnout Lt				With End Section at Inlet & Outlet	
24	6+610.76	1-610 mm x 12.000 m CMP Under Turnout Rt				With End Section at Inlet & Outlet	
25	6+617.34	1-610 mm x 20.000 m CMP Under Turnout Lt				With End Section at Inlet & Outlet	
26	6+807.06	1-610 mm x 12.000 m CMP Under Turnout Rt				With End Section at Inlet & Outlet	



M:\TRN\17-100-090-15\2_Disciplines\3_Sheets - roadway\Sht 21 N9073 PLP12 test.dgn



Sta. 7+169.458, Lt. Construct New 4.5 m Wide Turnout with 2-Unit Cattleguard and Type 2 Gate.

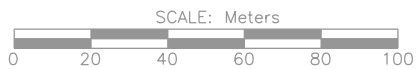


Sta. 7+138.53, Lt. Existing 610 mm CSCP Remove, Salvage & Stockpile.

Sta. 7+260 to Sta. 7+390 Rt. Install Temporary Fence to Restrict Access. See Environmental Mitigation Notes.

Sta. 7+508.78, Rt. Construct New 4.5 m Wide Turnout with 2-Unit Cattleguard, Type 2 Gate & 1-610 mm x 12.00 m CMP.

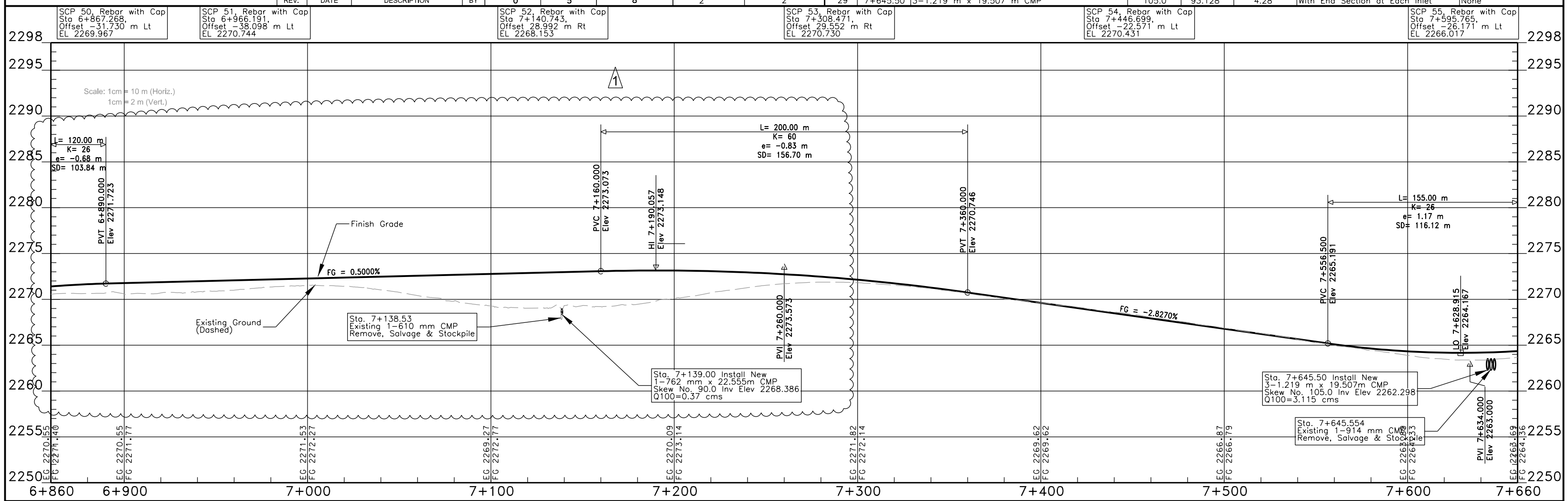
Sta. 7+645.554, Cl. Existing 914 mm CSCP Elev.: 2262.386



REV.	DATE	DESCRIPTION	BY	DELINEATORS		TYPE 2	RIGHT-OF-WAY	
				TYPE "1a"	TYPE "1b"	OBJECT MARKER	MONUMENTS	MARKERS
1	6/23/26	PROFILE CHANGE	MKC	0	5	8	2	2

DRAINAGE STRUCTURE TABLE

Mark	Station	Structure	Skew No.	Area (ha)	Q100 (cms)	Remarks	Outlet Protection
27	7+139.00	1-762 mm x 37.000 m CMP	90.0	2.278	0.370	With End Section at Each Inlet	None
28	7+508.77	1-610 mm x 12.000 m CMP Under Turnout Lt.				With End Section at Inlet & outlet	None
29	7+645.50	3-1.219 m x 19.507 m CMP	105.0	93.128	4.28	With End Section at Each Inlet	None



SCP 50, Rebar with Cap Sta 6+867.268, Offset -31.730 m Lt EL 2269.967

SCP 51, Rebar with Cap Sta 6+966.191, Offset -38.098 m Lt EL 2270.744

SCP 52, Rebar with Cap Sta 7+140.743, Offset 28.992 m Rt EL 2268.153

SCP 53, Rebar with Cap Sta 7+308.471, Offset 29.552 m Rt EL 2270.730

SCP 54, Rebar with Cap Sta 7+446.699, Offset -22.571 m Lt EL 2270.431

SCP 55, Rebar with Cap Sta 7+595.765, Offset -26.171 m Lt EL 2266.017

Sta. 7+138.53 Existing 1-610 mm CMP Remove, Salvage & Stockpile

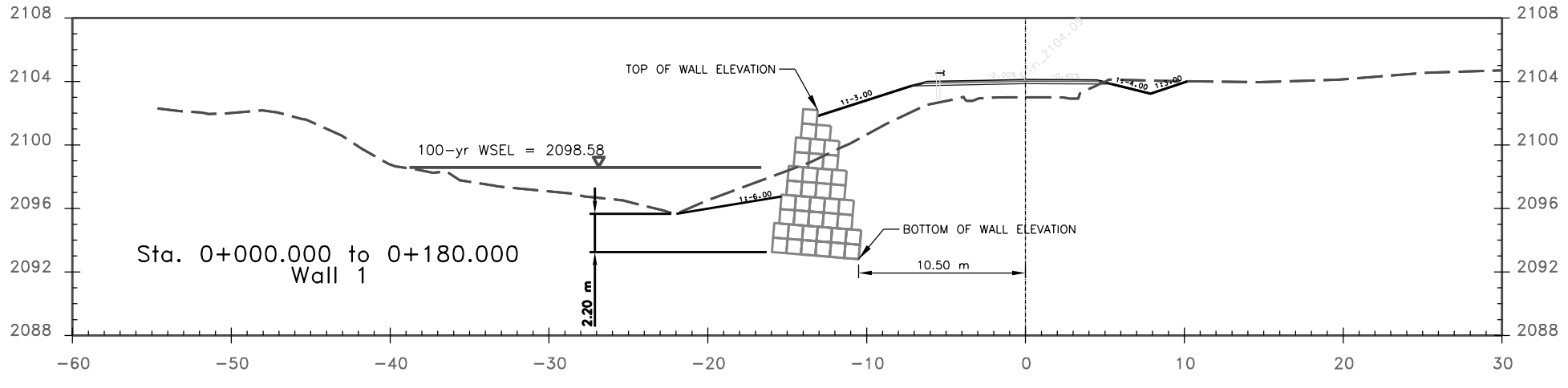
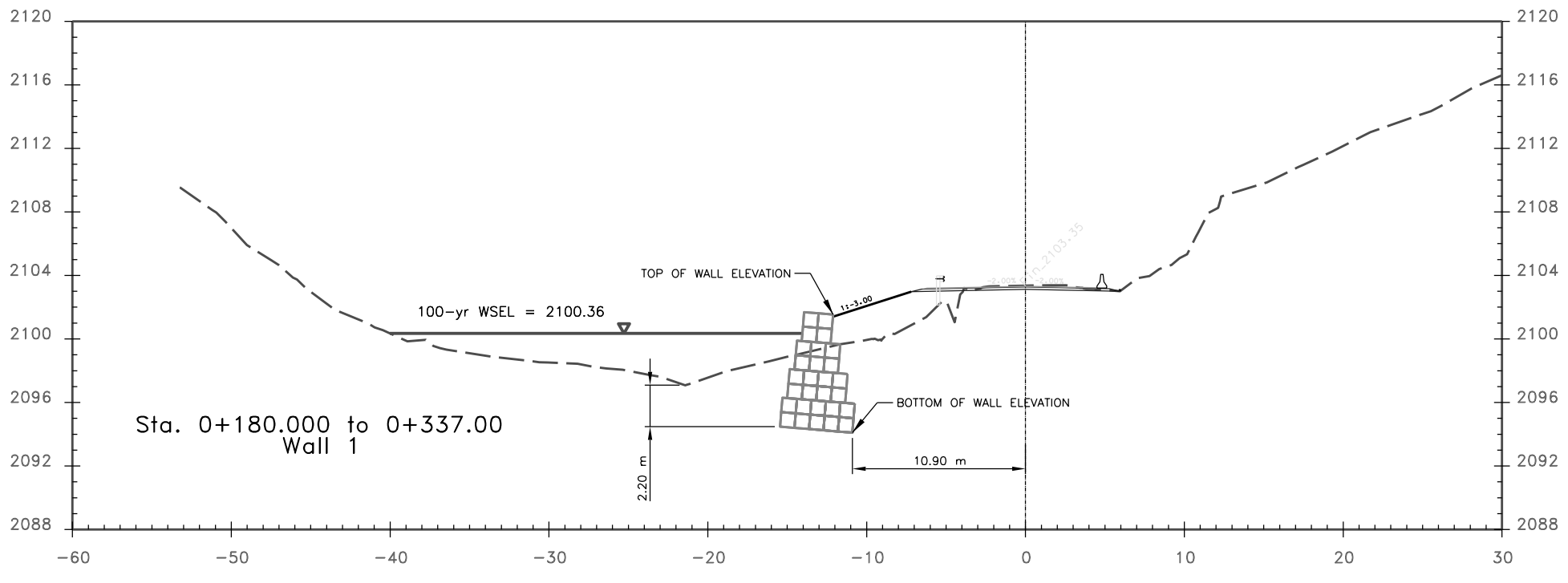
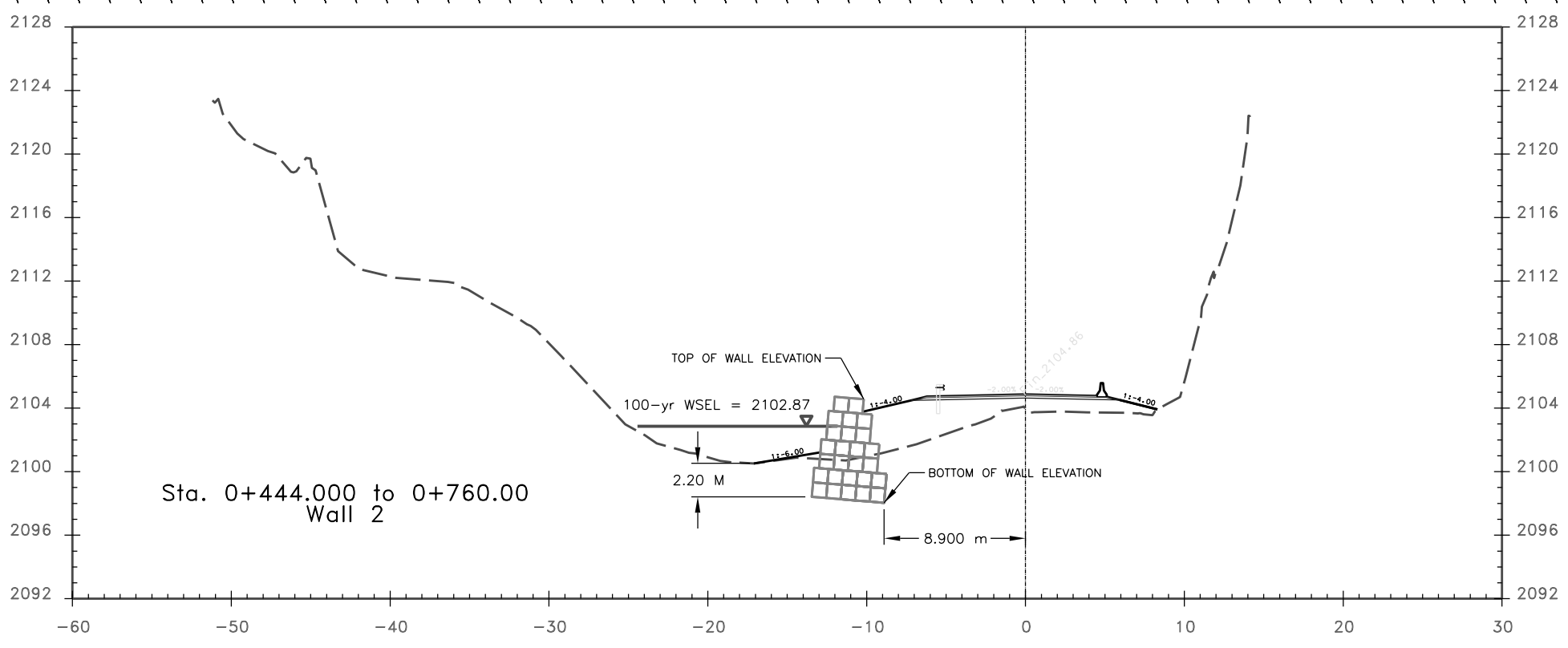
Sta. 7+139.00 Install New 1-762 mm x 22.555m CMP Skew No. 90.0 Inv Elev 2268.386 Q100=0.37 cms

Sta. 7+645.50 Install New 3-1.219 m x 19.507m CMP Skew No. 105.0 Inv Elev 2262.298 Q100=3.115 cms

Sta. 7+645.554 Existing 1-914 mm CMP Remove, Salvage & Stockpile

GENERAL NOTES

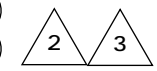
- WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE STANDARD SPECIFICATIONS OR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS (FP-14) ALONG WITH ALL SUPPLEMENTAL SPECIFICATIONS FOR THIS PROJECT.
- THE QUANTITIES SHOWN ARE ONLY AN ESTIMATE. ACTUAL QUANTITIES SHALL BE DETERMINED IN THE FIELD. THE CONTRACTOR WILL BE REQUIRED TO MAKE ANY NECESSARY ADJUSTMENTS IN THE FIELD TO MATCH EXISTING FIELD CONDITIONS. THESE FIELD ADJUSTMENTS ARE INCIDENTAL OBLIGATIONS OF THE CONTRACTOR.
- GABION MATERIAL SHALL BE RECTANGULAR, COMPARTMENTED CONTAINERS FABRICATED FROM STYLE 1 DOUBLE-TWISTED HEXAGONAL MESH OF GALVANIZED STEEL WIRE.
- WIRE SHALL CONFORM TO ASTM A-691, GALVANIZED STEEL WIRE, SOFT TEMPER. MESH OPENING OF 83mm x 114 mm.
 MESH WIRE: 3.05 mm dia.
 WIRE FOR NETTING: 3.00 mm dia.
 WIRE FOR SELVEDGES & CORNERS: 3.80 mm dia.
 WIRE FOR BINDING: 2.20 mm dia.
 ZINC COATING: 260 g/m²
- GABIONS SHALL BE PLACED TO THE DETAIL SHOWN ON SHEET 33B. IF UNSUITABLE MATERIAL IS FOUND AT THE FOOTING LOCATION AND ELEVATIONS, THE MATERIAL SHALL BE REMOVED AND REPLACED WITH APPROVED SELECTED BACKFILL AS DESIGNED BY THE CM. ALL SELECTED BACKFILL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99 METHOD C, BEFORE AND AFTER FOOTINGS ARE PLACED. THE STRUCTURAL BACKFILL MATERIAL SHALL CONFORM TO AASHTO "A-2-4" SOIL CLASS OR BETTER. THIS WORK AND MATERIAL SHALL BE CONSIDERED INCIDENTAL TO ITEM 25302-1000.
- ALL FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE CM. PRIOR TO PLACEMENT OF FORMS, WELDED WIRE FABRIC, HARDWARE AND SUBSEQUENT CONCRETE. ALL FOOTING EXCAVATIONS SHALL BE KEPT FREE OF WATER AT ALL TIMES. ALL EXCAVATION REQUIRED FOR CONSTRUCTION OF THE GABION WALL SHALL BE CONSIDERED INCIDENTAL TO THE GABION BASKET BID ITEM.
- BACK SLOPES RESHAPING, CLEANING, AND EXCAVATION SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE CM. ANY WASTE MATERIAL SHALL BE USED AS BORROW WHERE NEEDED IN OTHER PROJECT LOCATIONS AS DESIGNATED AND APPROVAL BY THE CM. ALL BACK SLOPES EXCAVATION, CLEANING, AND RESHAPING SHALL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE STRUCTURE.
- ALL STONE FOR WIRE ENCLOSED RIPRAP TO BE CLASS 2 MEETING THE GRADING REQUIREMENTS OF TABLE 705-1, AND SECTION 705 OF THE FP-14.
- WARP EXISTING CUT BACK SLOPES AROUND ENDS OF GABION WALLS AND COMPACT SO THAT THE ENDS OF THE GABION STRUCTURE ARE BURIED INTO THE CUT BACK SLOPES. THIS WORK IS AN INCIDENTAL OBLIGATION OF THE CONTRACTOR.
- FILTER FABRIC SHALL CONFORM TO SECTION 207 AND 714.01(o) OF THE FP-14 FOR TYPE 1V-B MATERIAL AND SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 25302-1000.
- AT PIPE LOCATION, THE GABION WALL SHALL REMAIN OPEN TO WIDTH OF PIPE DIAMETER AS SHOWN. CONTRACTOR CUT OUT AND FABRICATE & PLACE 3 mm ALUMINUM PLATE AROUND THE PIPE ON BACK SIDE OF GABION WALL AS SHOWN BEFORE BACK FILLING.



SECTION VIEWS

ITEM NO. 25302-1000 GABIONS, GALVANIZED OR ALUMINIZED COATED, CLASS 2

Station		Layout Point Information			Approximate	Length of Wall	Volume	Remarks
Station	Station	Location	Bottom of Wall Elev.	# of courses	Top of Wall Elev.	(m)	(cu m)	
PHASE 1, SEGMENT 1								
0+000	to 0+060	10.5 m Lt	2,092.80	10	2,101.94	60	1,956.5	Wall 1
0+060	to 0+120	10.5 m Lt	2,092.90	10	2,102.04	60	1,956.5	Wall 1
0+120	to 0+180	10.5 m Lt	2,092.90	9	2,101.13	60	1,655.5	Wall 1
0+180	to 0+240	10.9 m Lt	2,094.10	8	2,101.42	60	1,354.5	Wall 1
0+240	to 0+300	10.9 m Lt	2,094.20	8	2,101.52	60	1,354.5	Wall 1
0+300	to 0+337	10.9 m Lt	2,094.40	8	2,101.72	37	835.3	Wall 1
0+337		10.9 m Lt	2,094.45	8	2,101.77			Wall 1
Wall 1 Subtotal							9,112.9	
PHASE 1, SEGMENT 2								
3+660	to 3+700	5.5 m Lt	2,140.30	1	2,141.21	40	33.4	Wall 3
3+700		5.5 m Lt	2,140.30	1	2,141.21			Wall 3
Wall 3 Subtotal							33.4	
Project Total							9,146.3	
Project Use							9,150	cu m
PHASE 2 (FOR REFERENCE ONLY)								
0+440	to 0+500	9.5 m Lt	2,096.90	6	2,102.39	60	852.9	Wall 2
0+500	to 0+560	8.9 m Lt	2,097.70	7	2,104.10	60	1,103.6	Wall 2
0+560	to 0+620	8.9 m Lt	2,098.20	7	2,104.60	60	1,103.6	Wall 2
0+620	to 0+680	8.9 m Lt	2,098.60	7	2,105.00	60	1,103.6	Wall 2
0+680	to 0+740	8.9 m Lt	2,099.30	7	2,105.70	60	1,103.6	Wall 2
0+740	to 0+760	8.9 m Lt	2,100.00	7	2,106.40	20	367.9	Wall 2
0+760		8.9 m Lt	2,100.50	7	2,106.90			Wall 2
Wall 2 Subtotal							5,635.3	



WILSON & COMPANY
 4401 MASTHEAD ST. NE, SUITE 150
 ALBUQUERQUE, NM 87109
 PHONE: 505-348-4000
 FAX: 505-348-4072

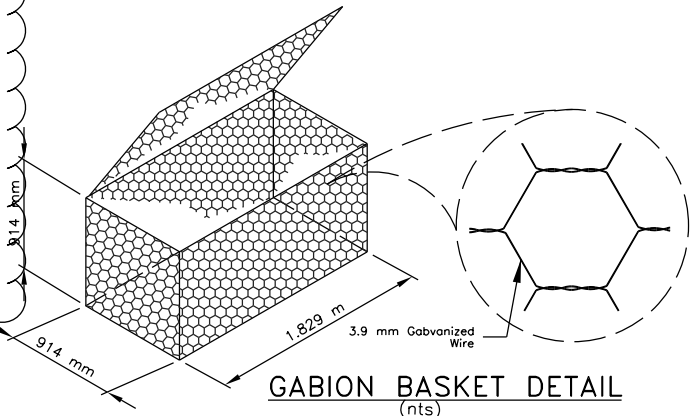
3	REVISED QUANTITIES	MKC	6/25/26
2	REVISED QUANTITIES	MKC	6/18/26
1	REVISED QUANTITIES	MKC	6/11/26

REVISION BY DATE

NAVAJO NATION
 DIVISION OF TRANSPORTATION
NAVAJO D.Q.T.

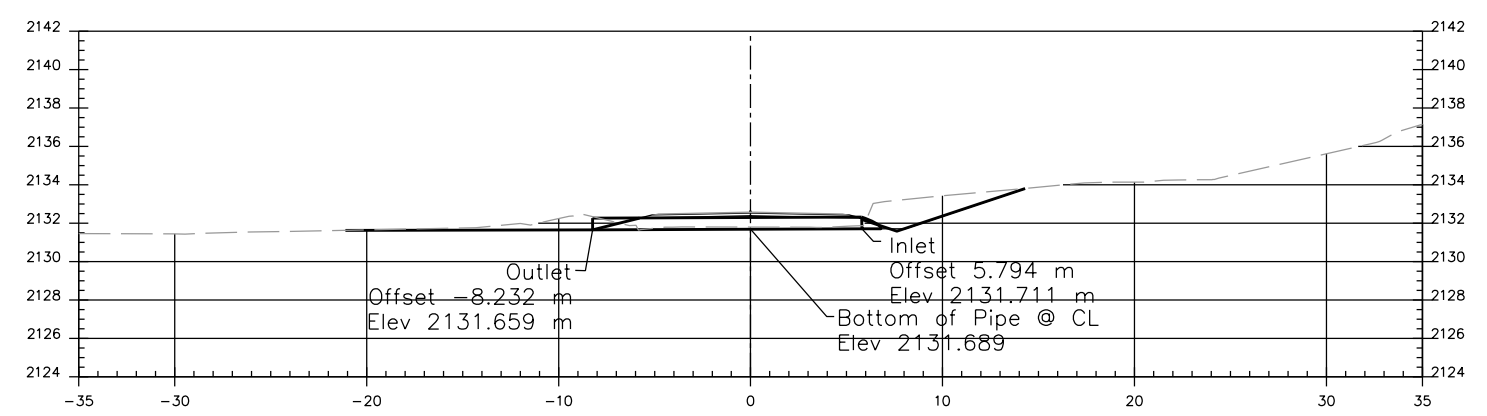
N9073(1) 1, 2 & 4

GABION WALL CROSS SECTION
 TABLE & GENERAL NOTES

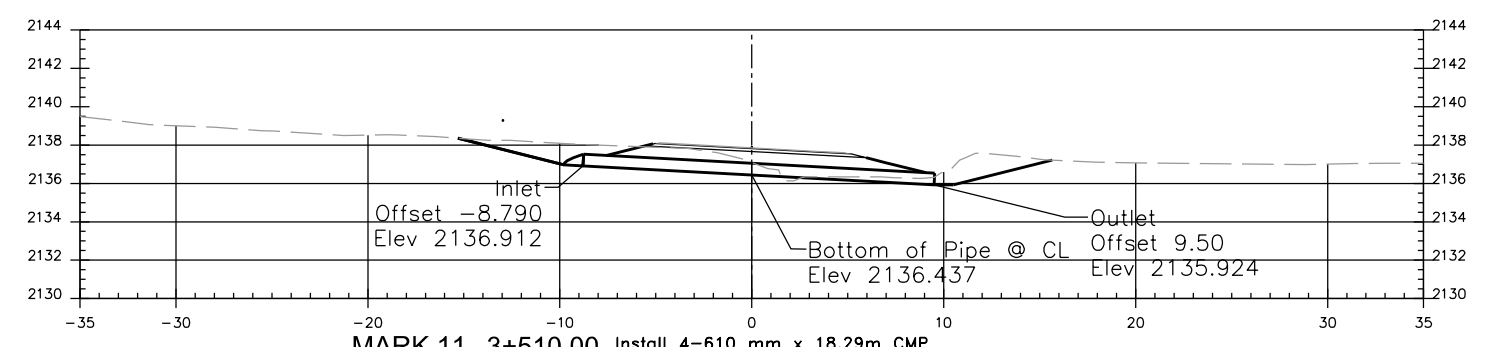


GABION BASKET DETAIL
(nts)

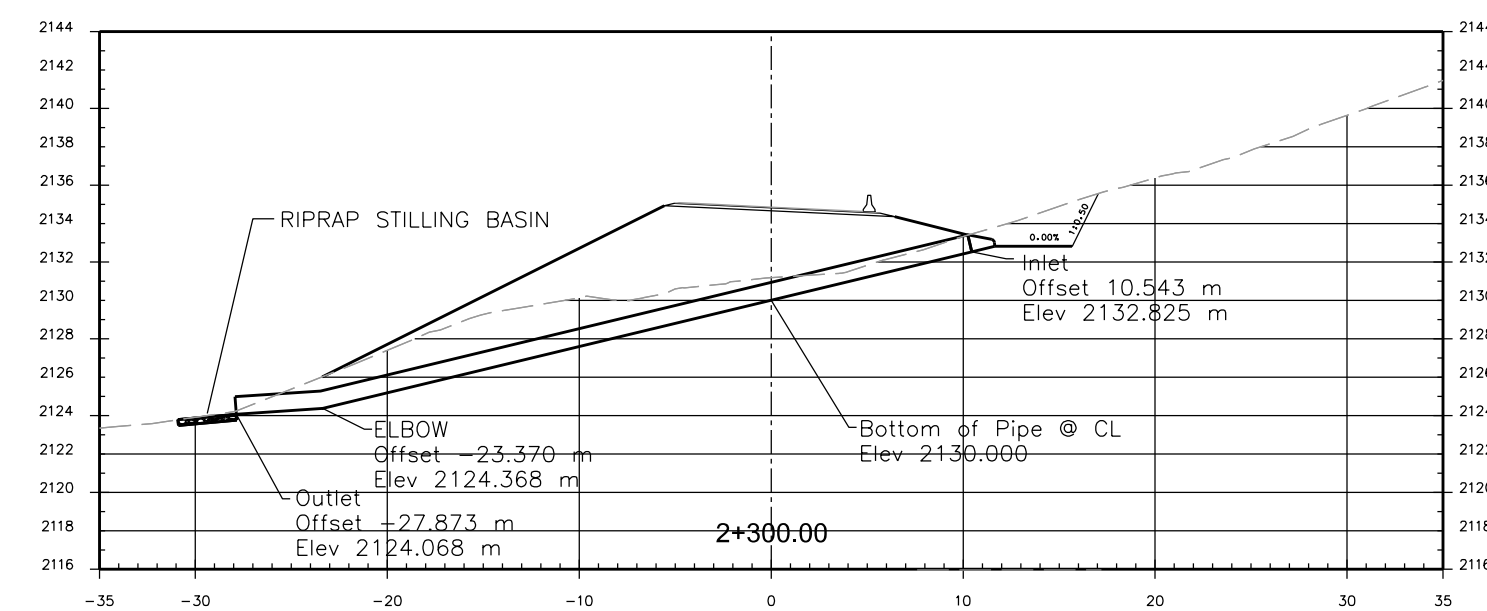
1	6/23/26	PROFILE CHANGE	MKC
REV.	DATE	DESCRIPTION	BY



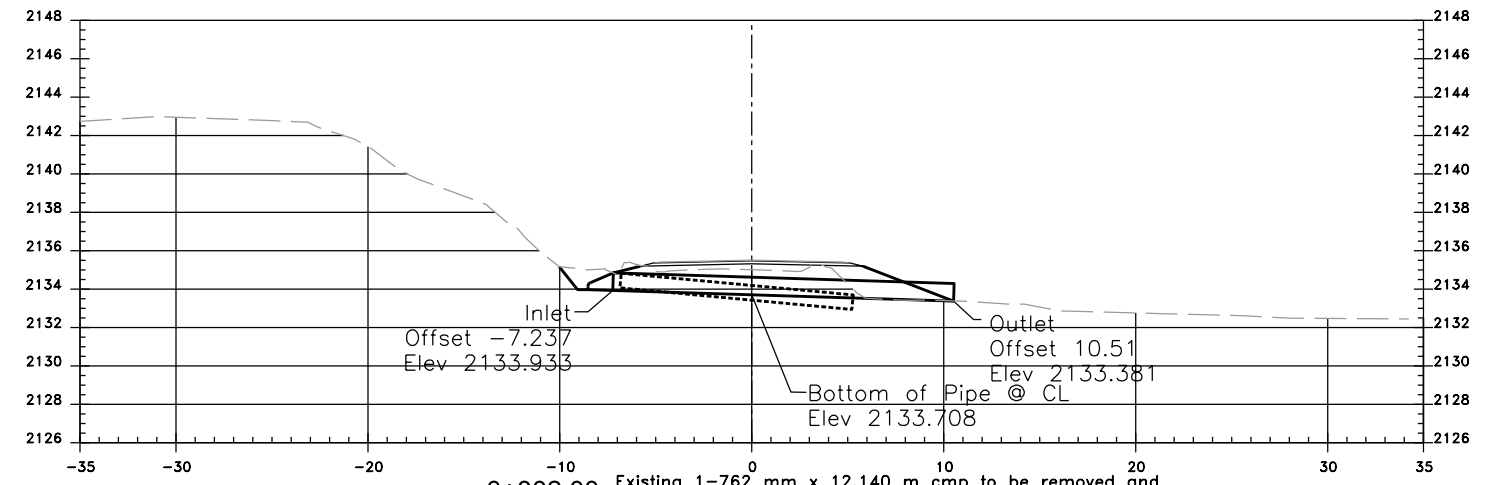
MARK 8B 2+760.00 Install 1-610 mm x 14.026 m CMP;
DS-62PB With Metal End Section @ Inlet Rt Skew No. 90



MARK 11 3+510.00 Install 4-610 mm x 18.29m CMP
DS-17A With End Section at Each Inlet
Skew No. 90.0



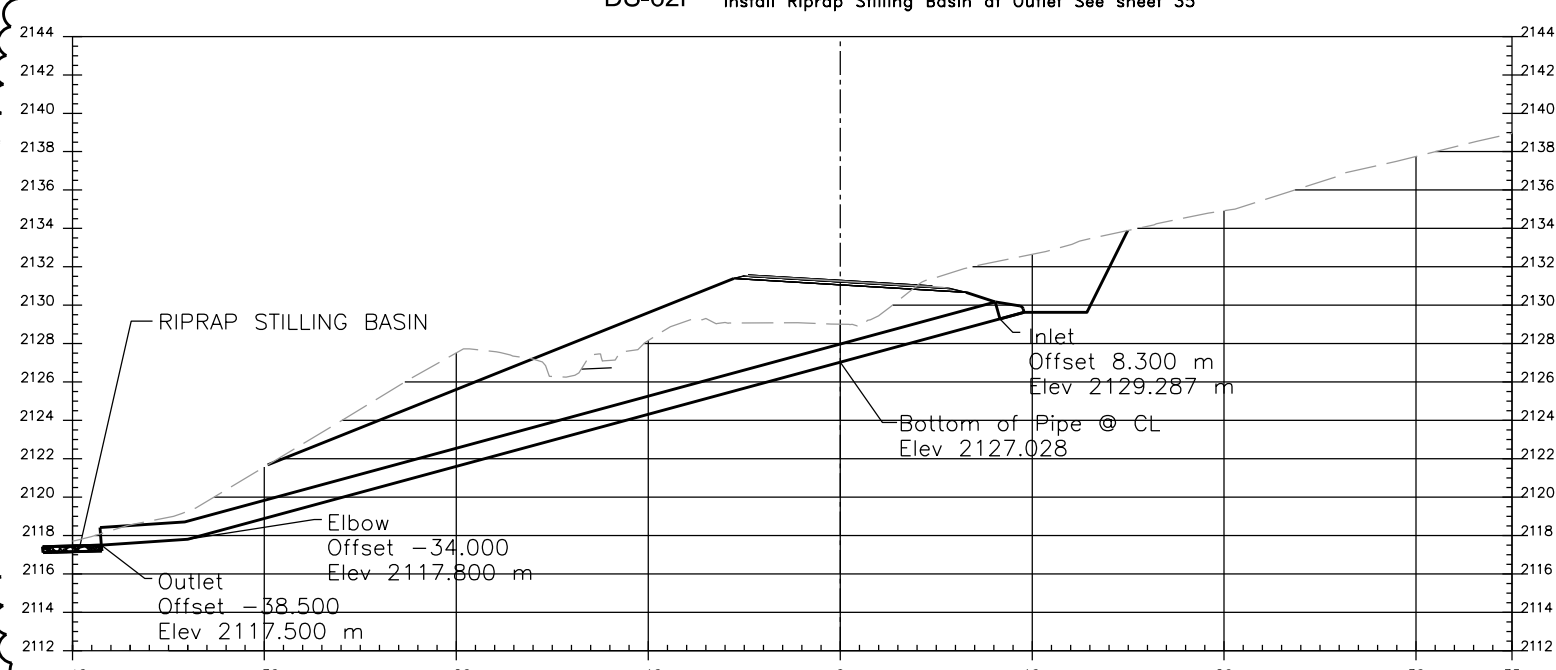
MARK 8A 2+300.00 Install 2-914 mm x 34.798 CMP;
DS-62P With Metal End Section @ Inlet Rt Skew No. 90
Install Riprap Stilling Basin at Outlet See sheet 35



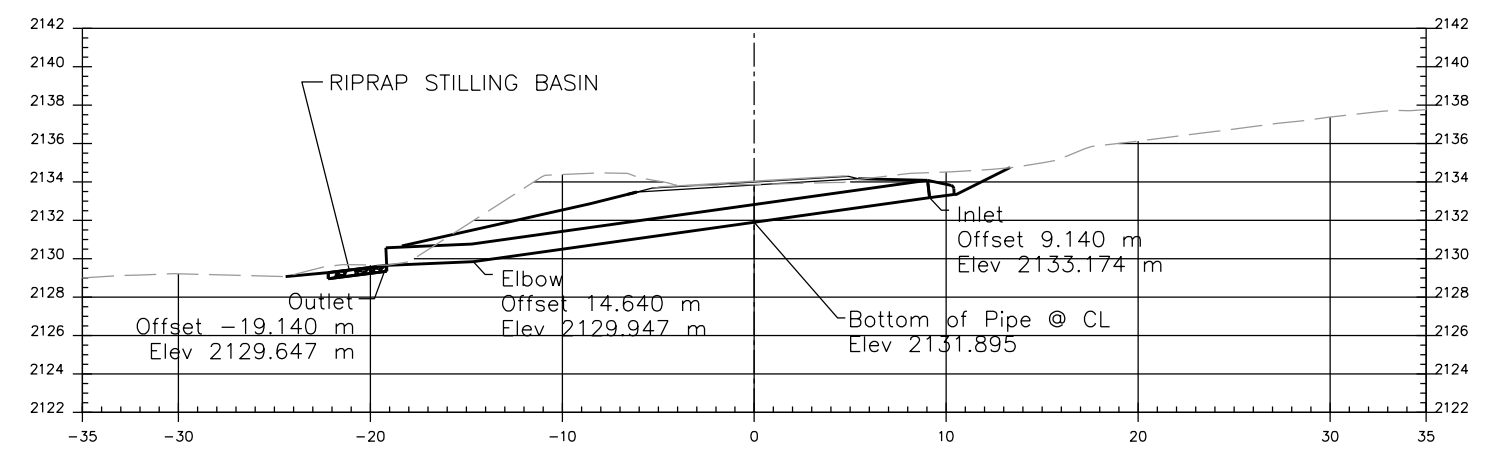
MARK 10 3+302.00 Existing 1-762 mm x 12.140 m cmp to be removed and
DS-17 salvaged and stockpiled;
Install 1-610mm x 18.29 m CMP
With End Section at Inlet; Skew No. 90.0



SEE SHEET 63 FOR
DS-15, DS-16 AND 606 BRIDGE



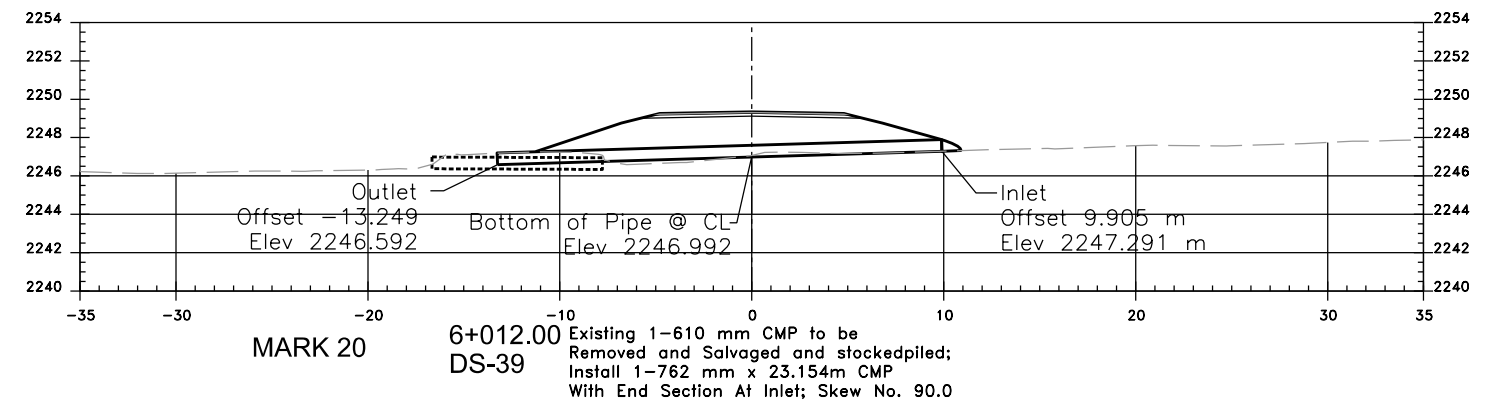
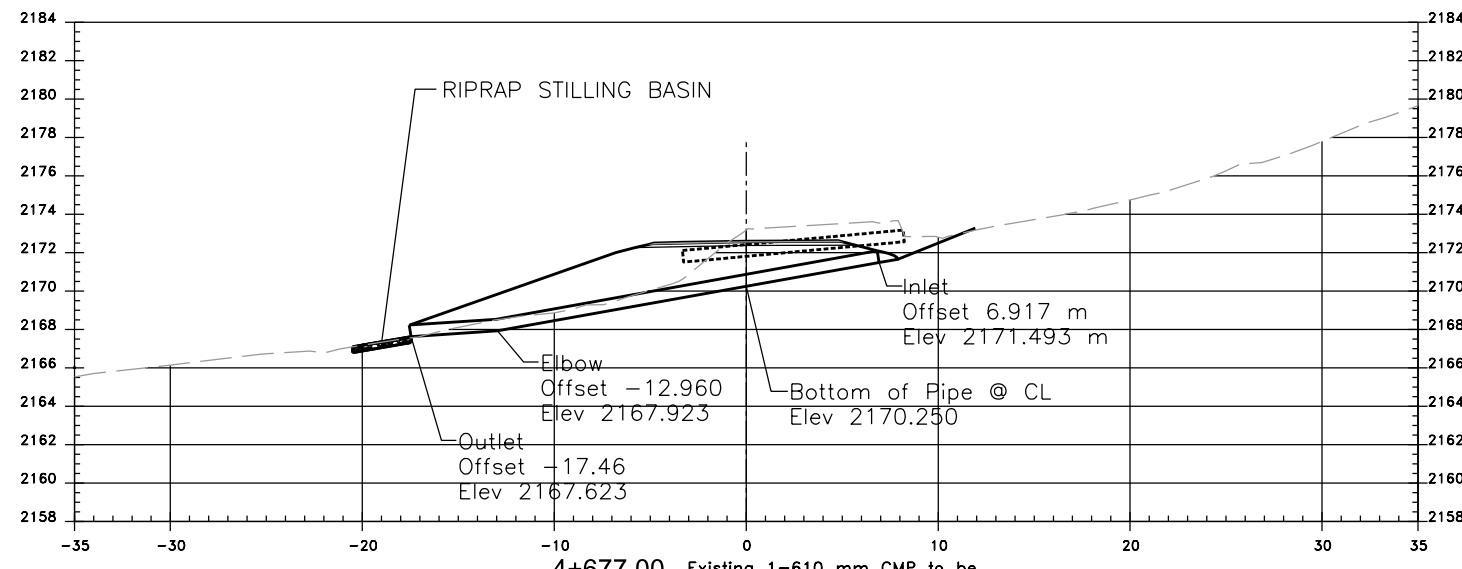
MARK 7 2+000.000 Install 2-914 mm x 49.658 CMP;
DS-71P With Metal End Section @ Inlet Rt Skew No. 90
Install Riprap Stilling Basin at Outlet See sheet 35



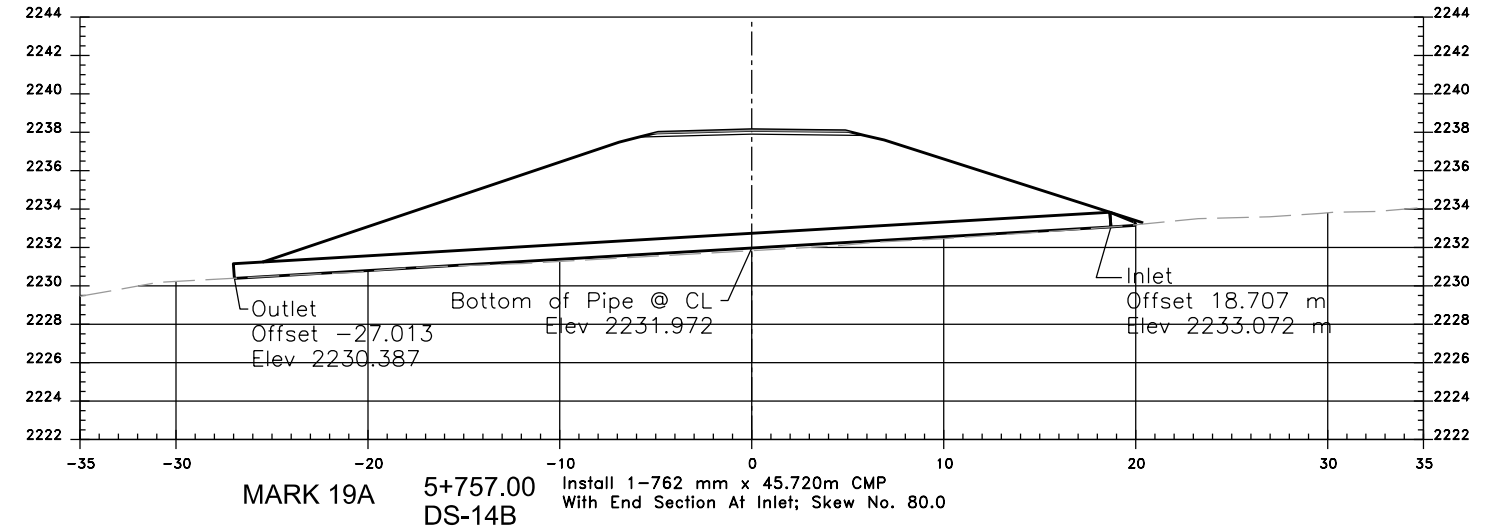
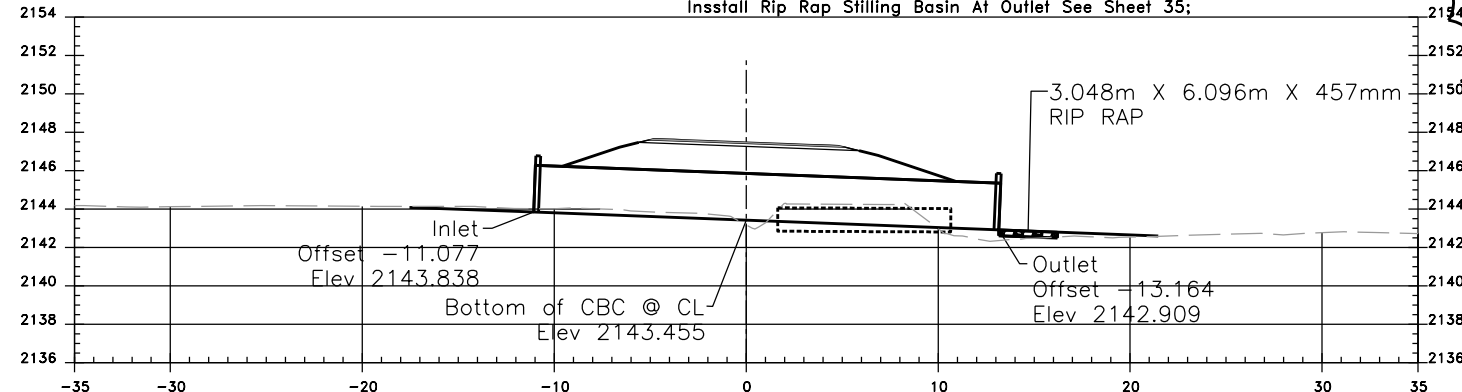
MARK 9 3+065.00 Install 3-914 mm x 28.526m CMP;
DS-63P With Metal End Section @ Inlet Rt Skew No. 90
Install Riprap Stilling Basin at Outlet See sheet 35



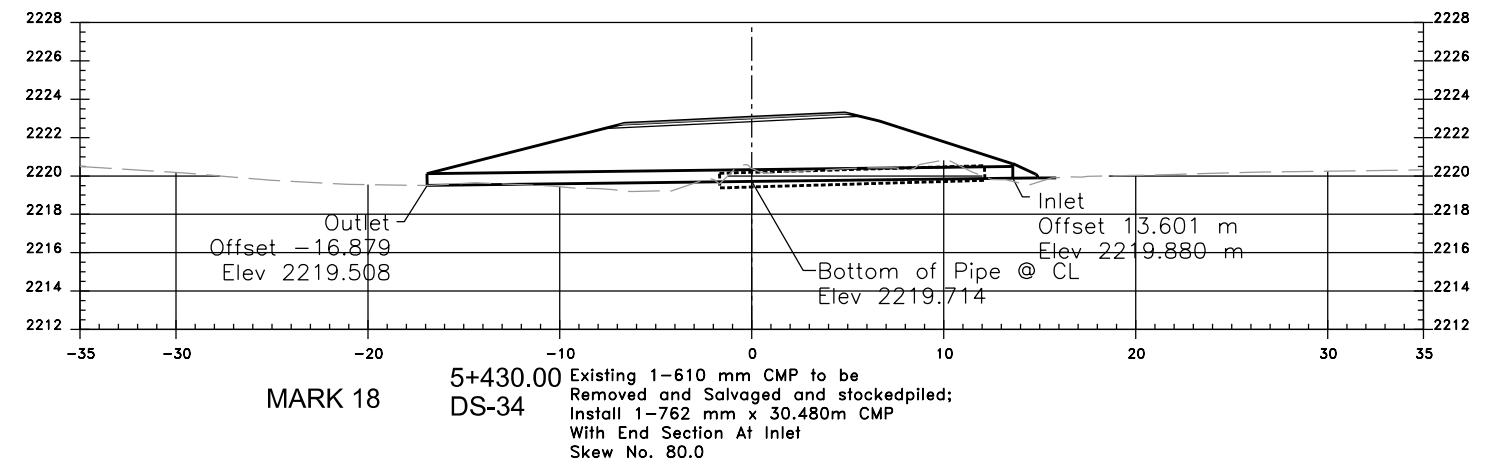
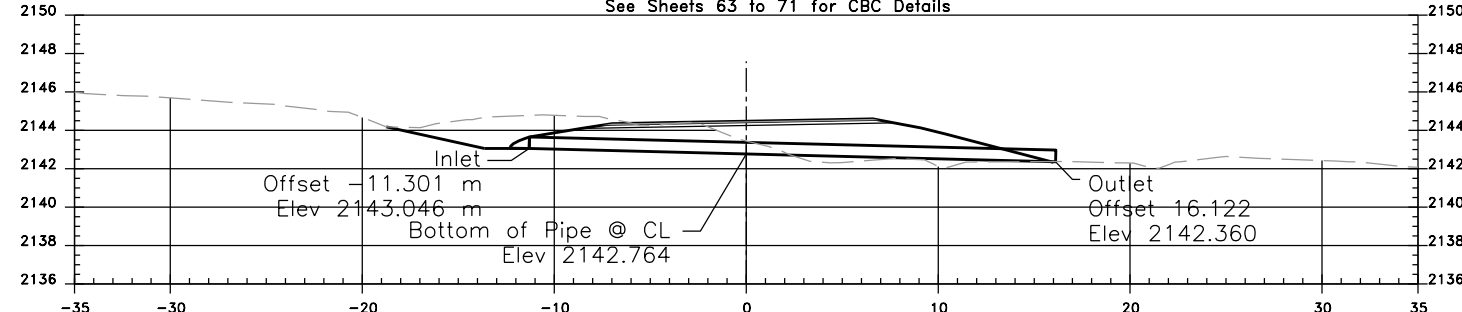
REV.	DATE	DESCRIPTION	BY
1	6/23/26	PROFILE CHANGE	MKC



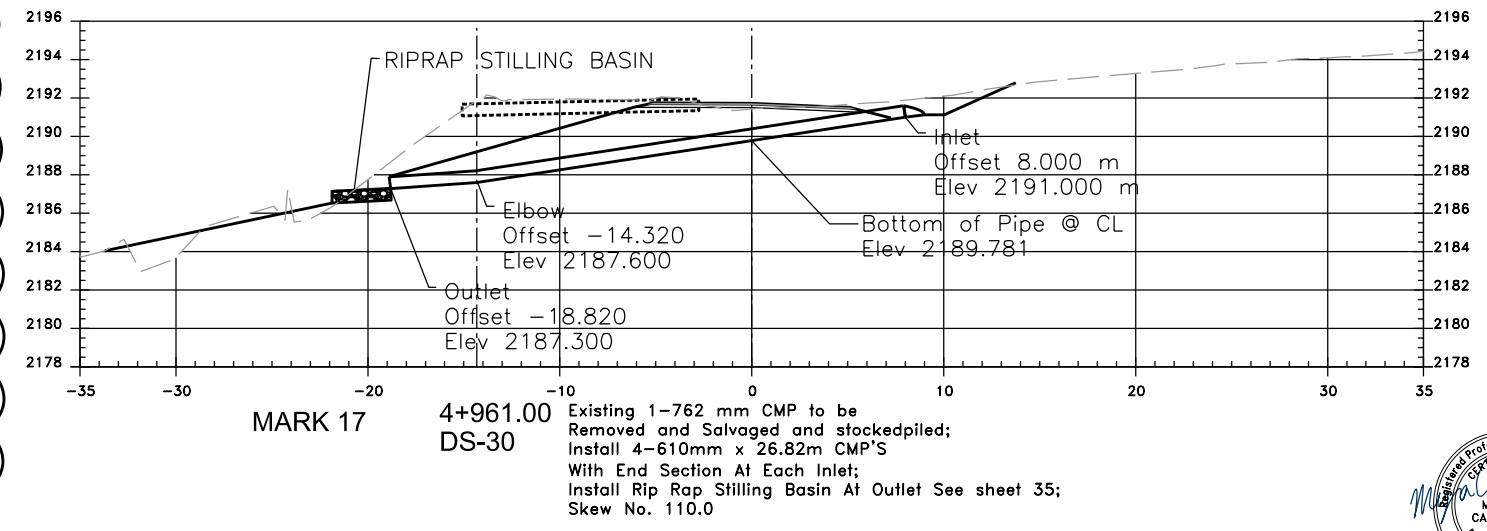
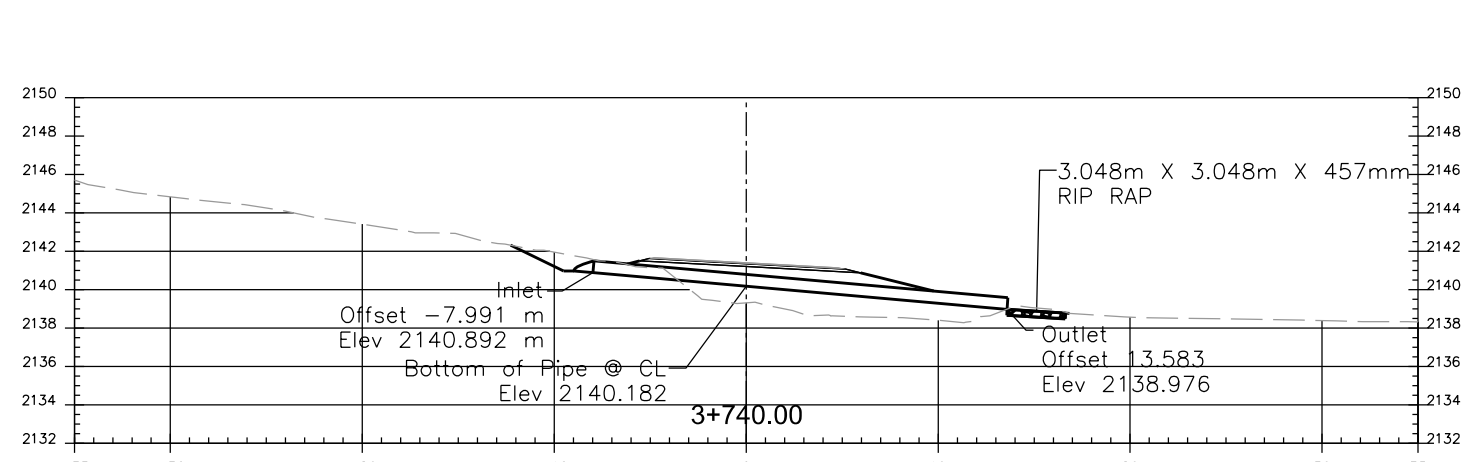
MARK 16B **4+677.00**
DS-29 Existing 1-610 mm CMP to be Removed and Salvaged and stockpiled; Install 2-810mm x 24.380m CMP; With End Section At Inlet Skew No. 90.0 Install Rip Rap Stilling Basin At Outlet See Sheet 35;



MARK 13 **3+957.00**
DS-65P Existing 4-914 mm cmp's to be removed and salvaged and stockpiled; Install 2-3.048 m x 2.438 m x 24.24 m CBC With Beveled Headwalls at inlet & outlet; Skew No. 90.0 Riprap at Outlet See Sheets 63 to 71 for CBC Details

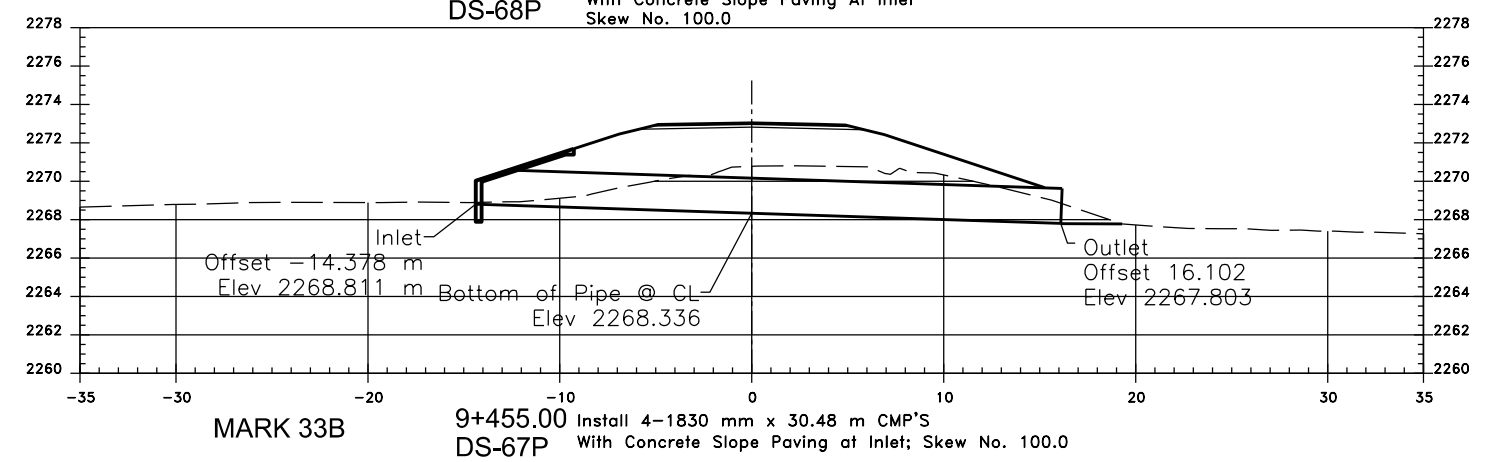
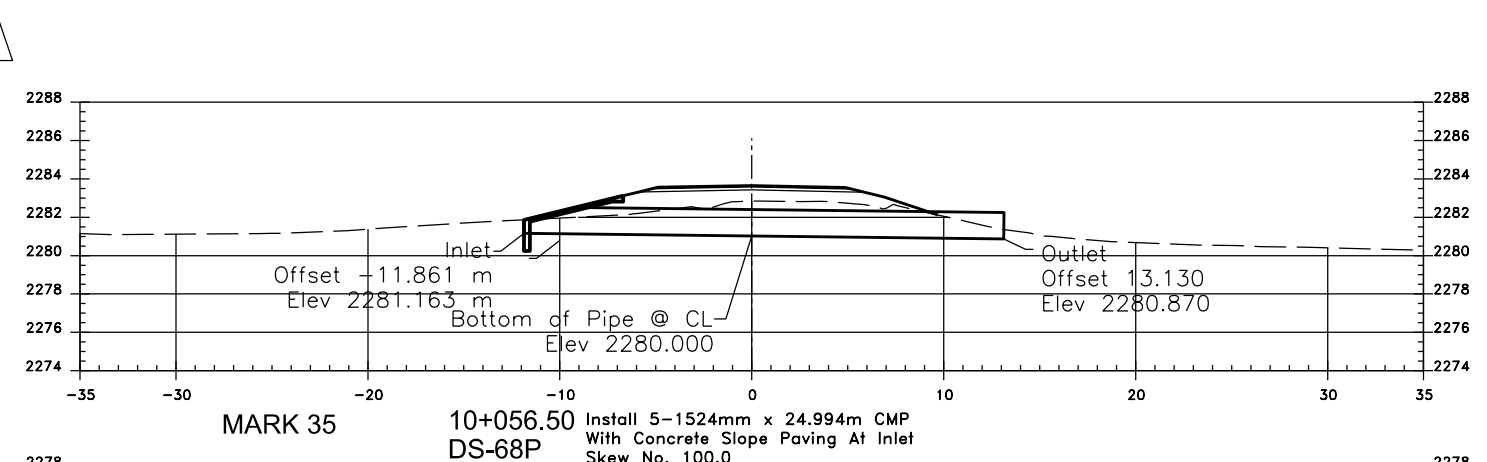
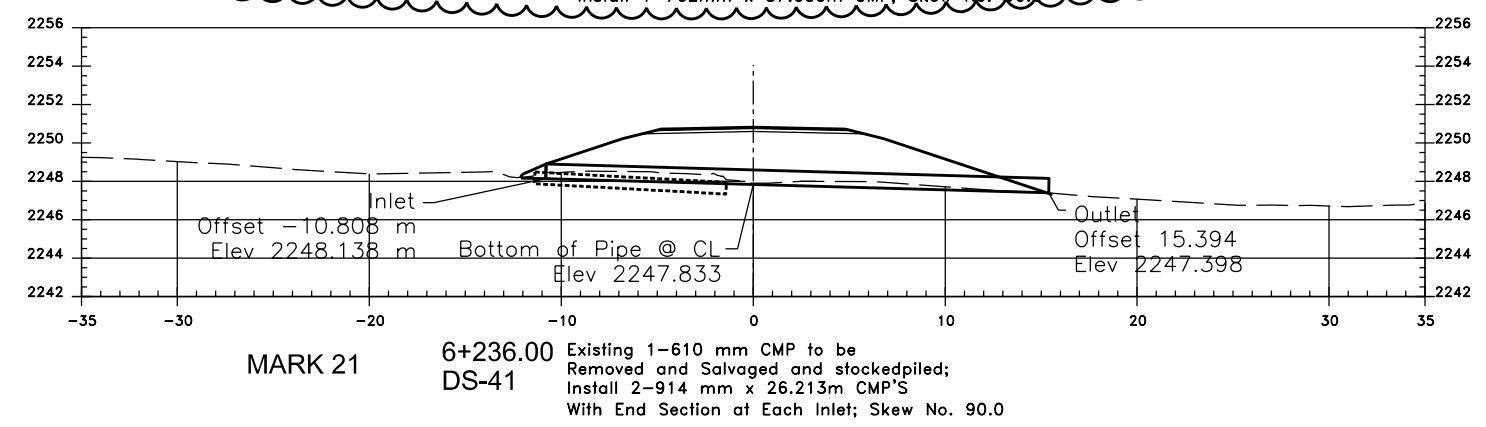
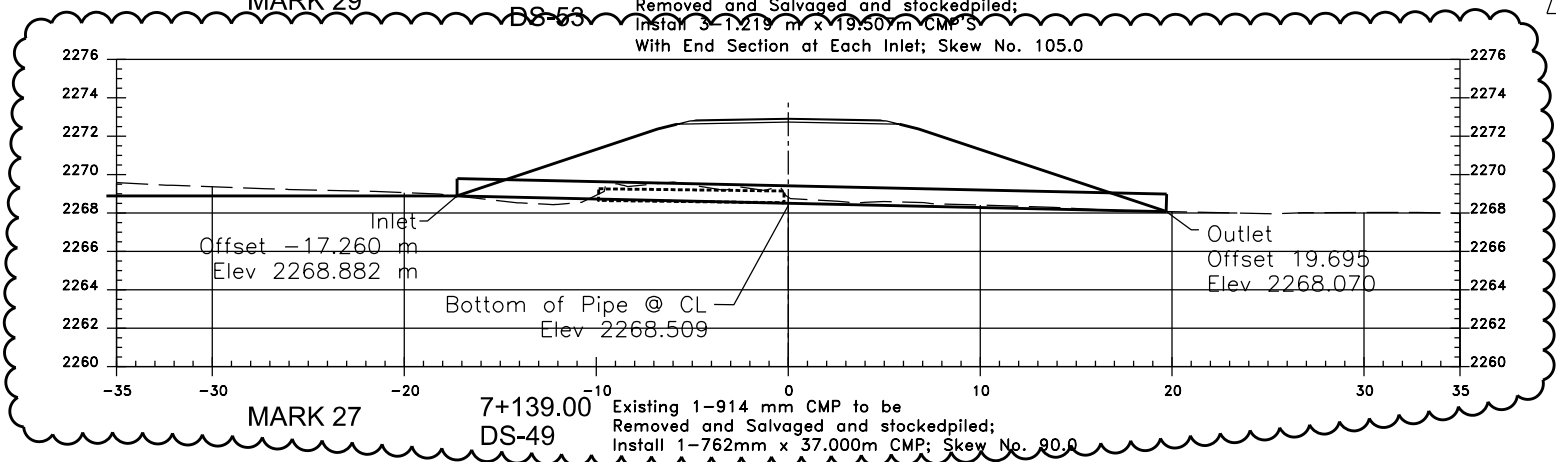
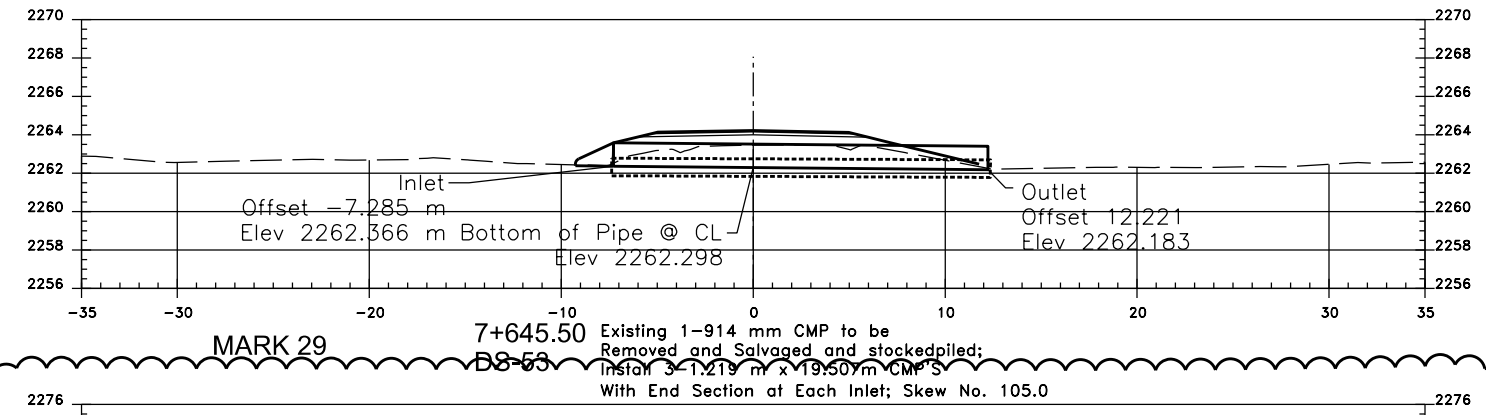
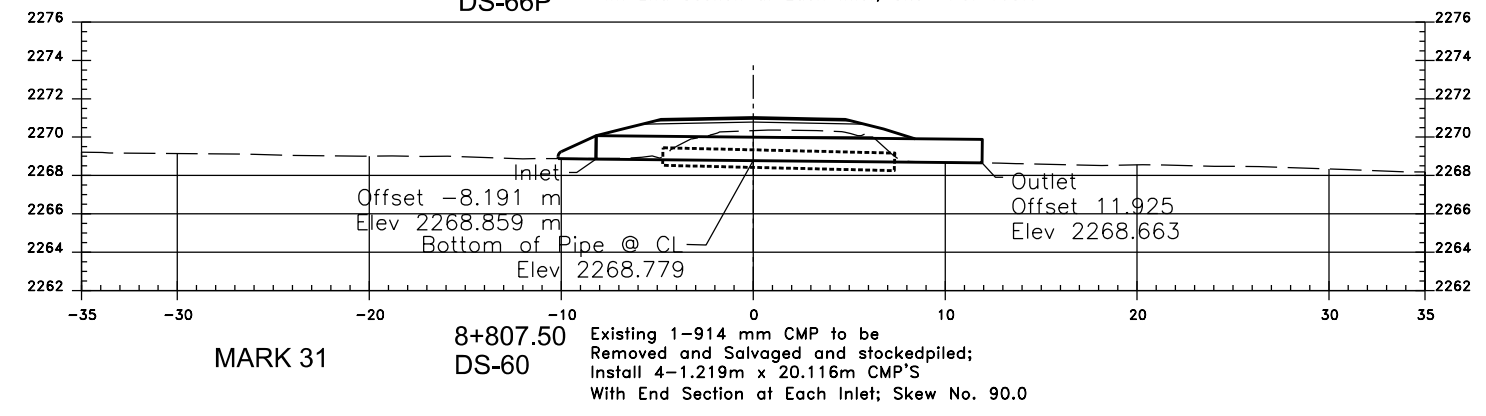
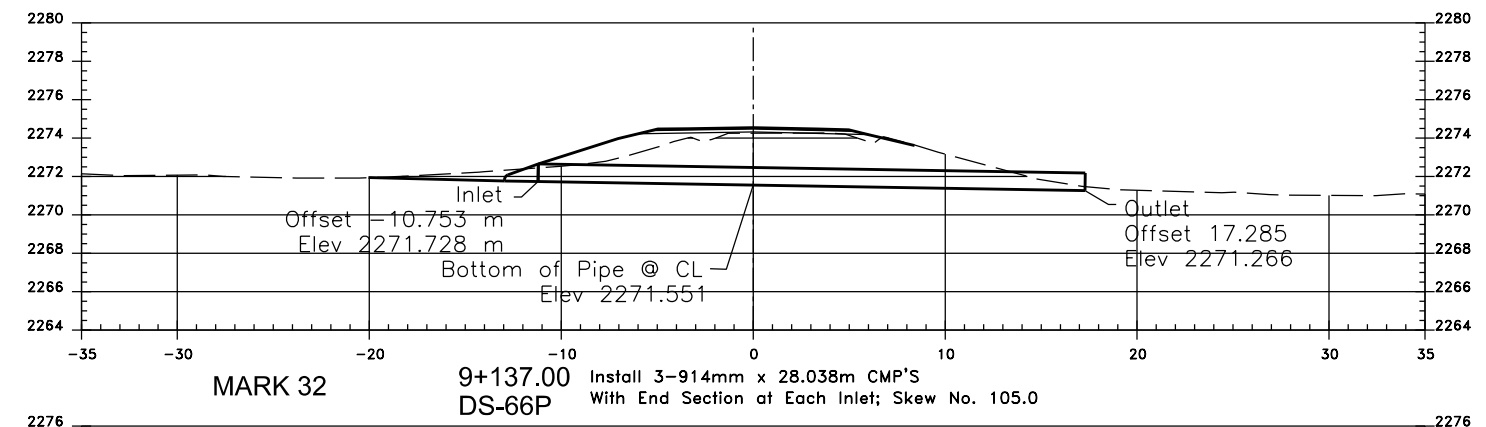


MARK 12 **3+740.00**
DS-64P Existing CMP Size unknown; Remove and Salvage and Stockpile Install 3-914 mm x 27.423m CMP; With End Section at Inlet Skew No. 135.0

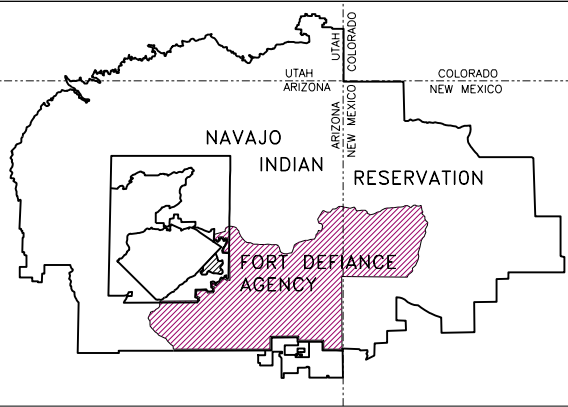




REV.	DATE	DESCRIPTION	BY
1	6/23/26	PROFILE CHANGE	MKC



INDEX MAP



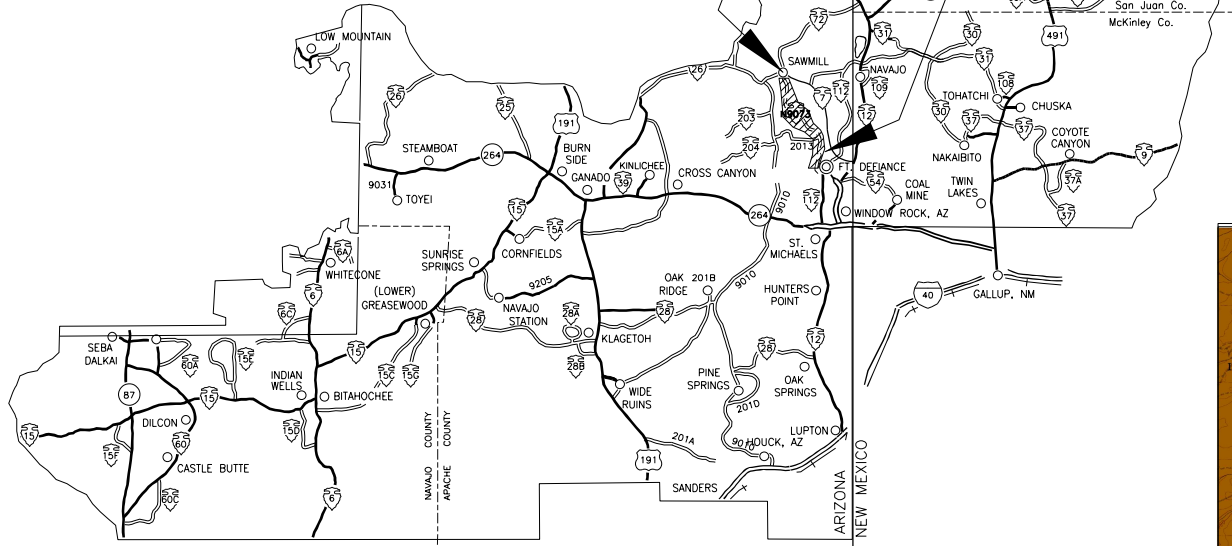
NAVAJO DIVISION OF TRANSPORTATION

CROSS SECTIONS FOR PROPOSED
N9073(1)1,2&4
BLUE CANYON ROAD
BRIDGE ID. NO. N36434
FT. DEFIANCE CHAPTER
APACHE COUNTY

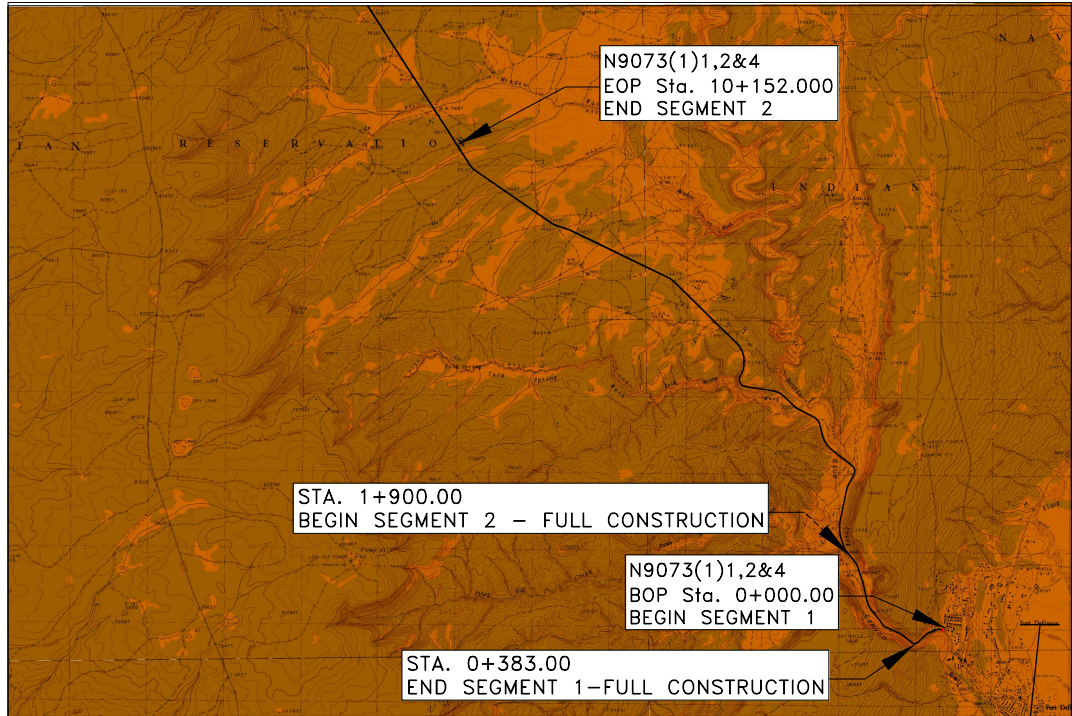
LENGTH 10.152 KM (6.31 MILES)



PROJECT LOCATION
 N9073(1)1,2&4



LOCATION MAP
 NTS



VICINITY MAP
 NTS

FORT DEFIANCE:
 ARIZONA

TYPE OF CONSTRUCTION

GRADE, DRAIN AND AGGREGATE BASE COURSE, HOT ASPHALTIC CONCRETE PAVEMENT, BRIDGE, & MISCELLANEOUS CONSTRUCTION

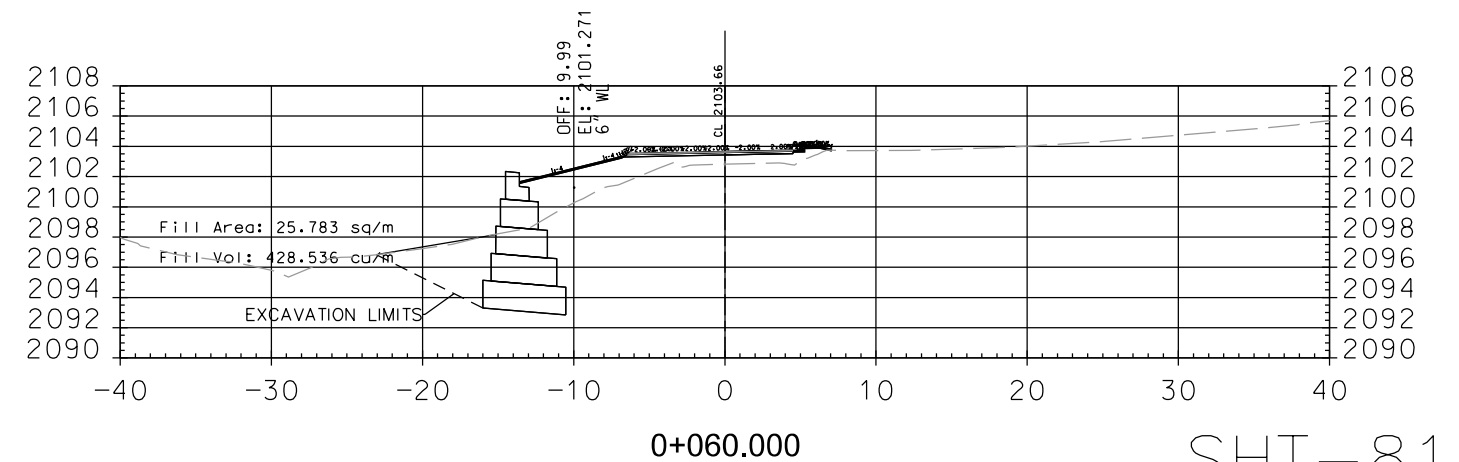
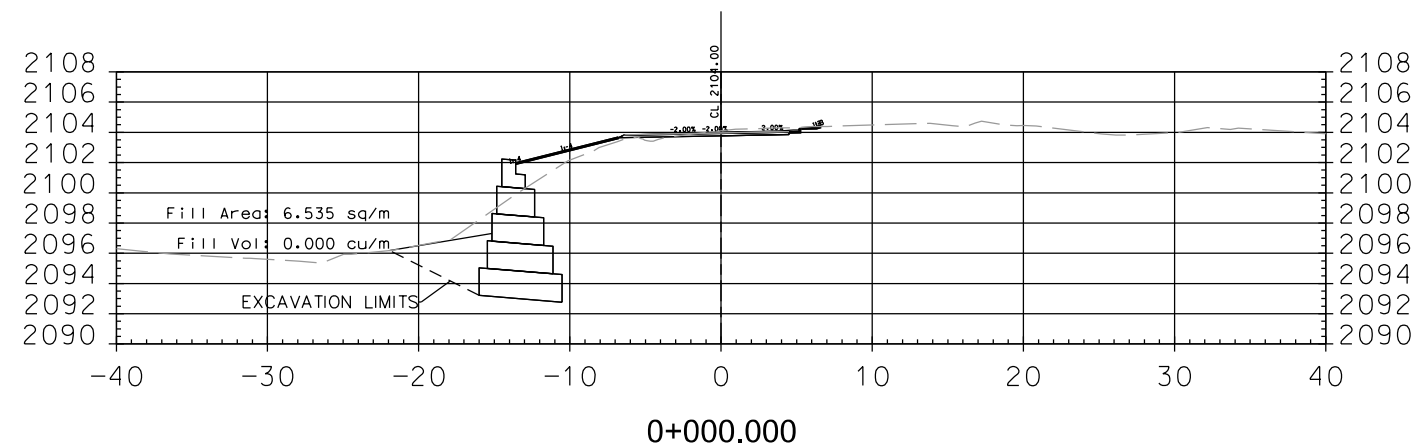
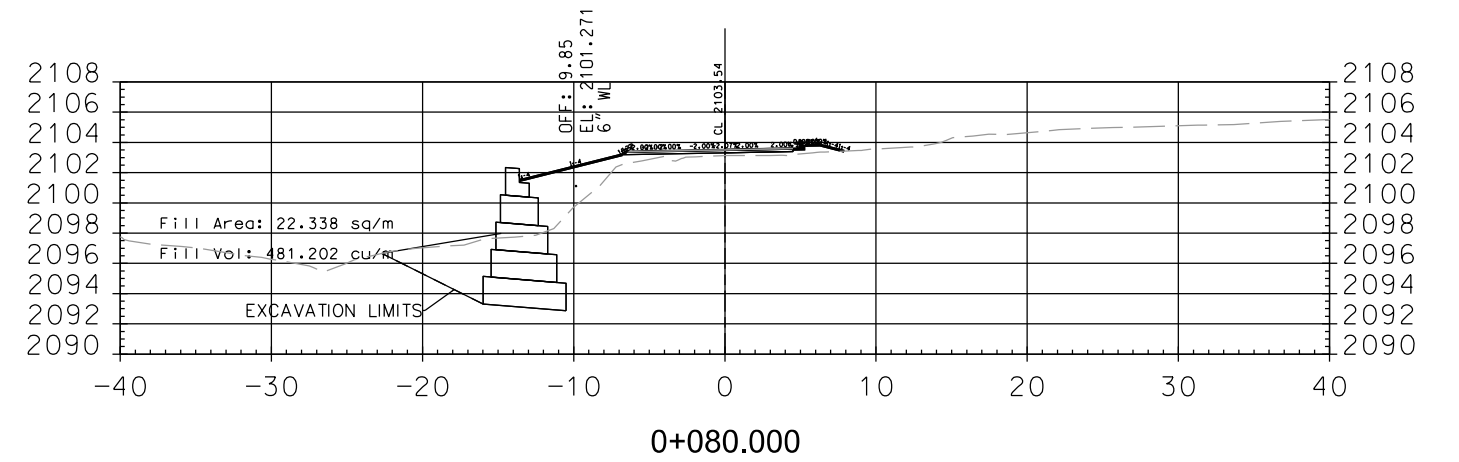
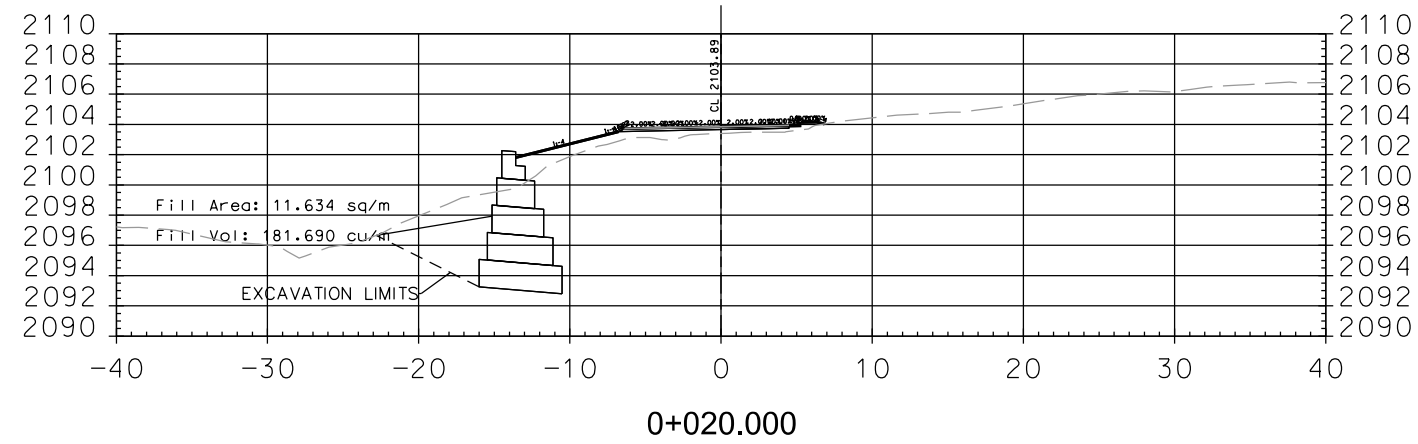
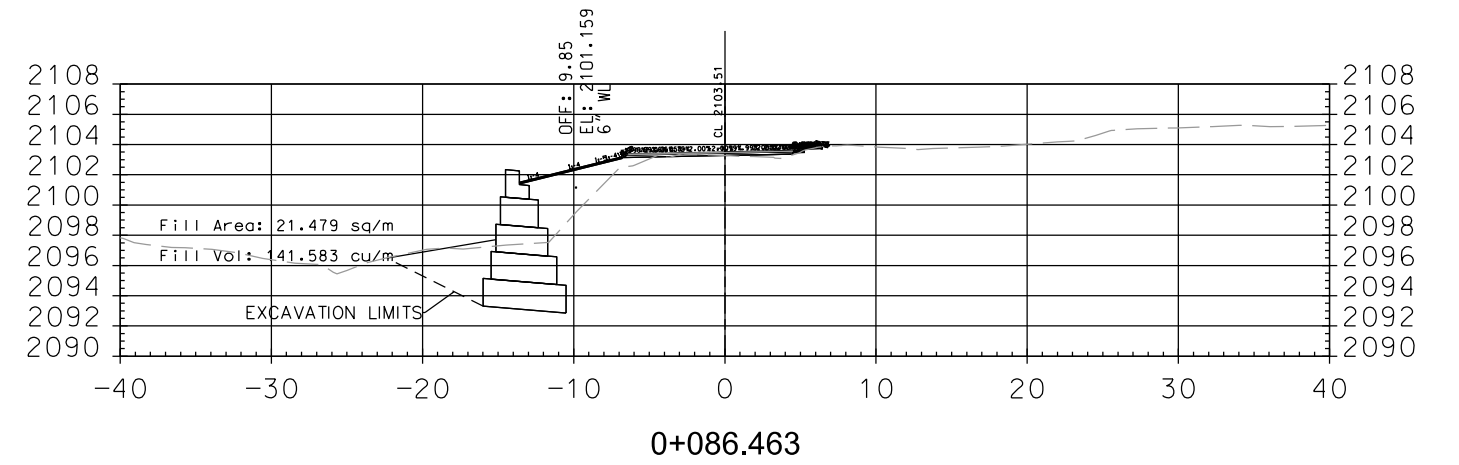
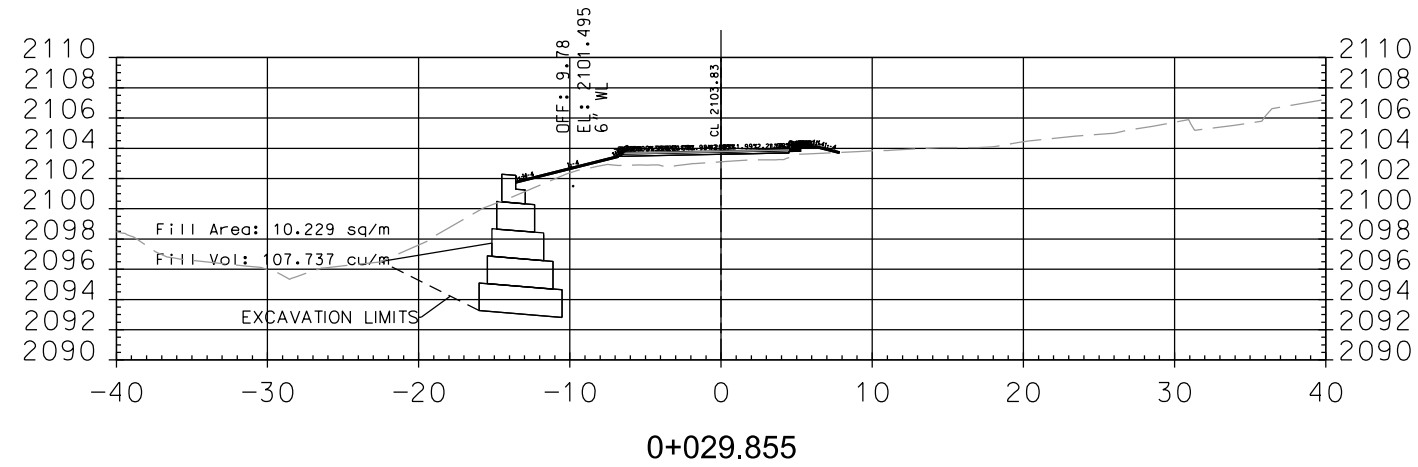
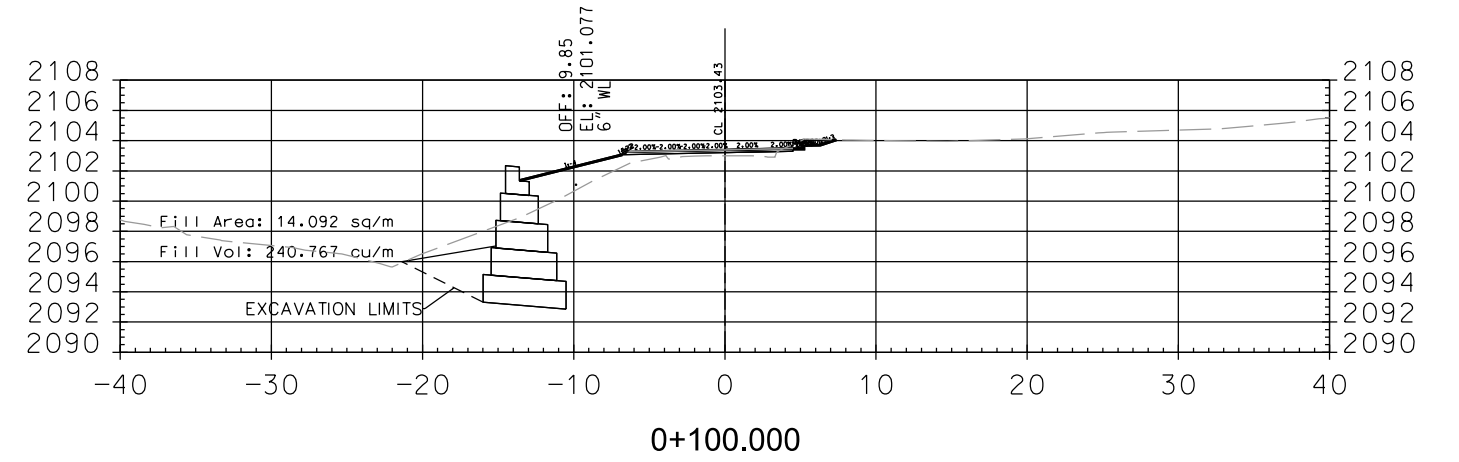
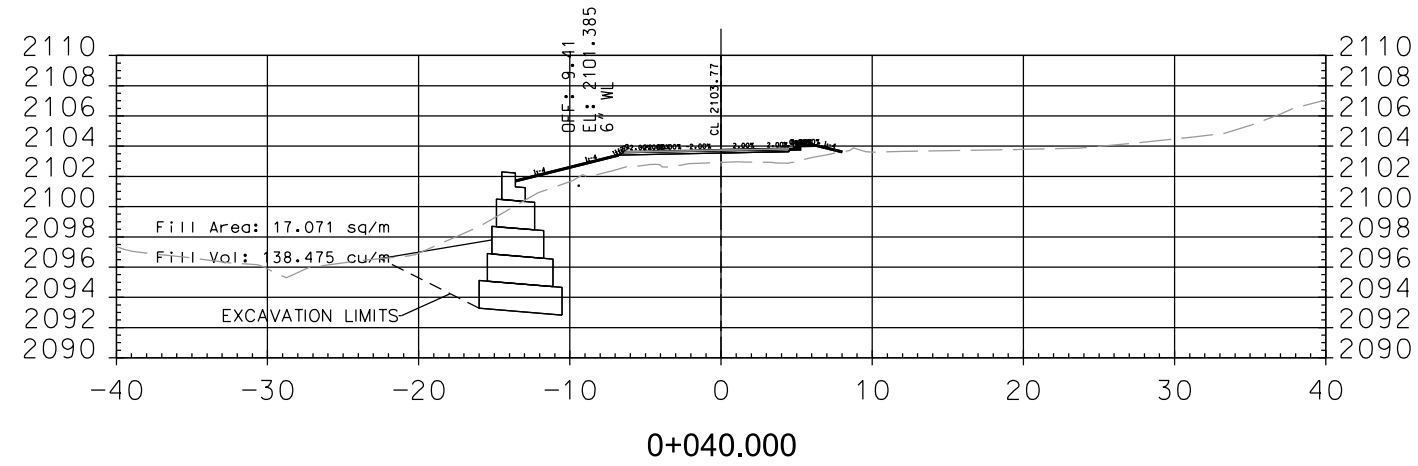


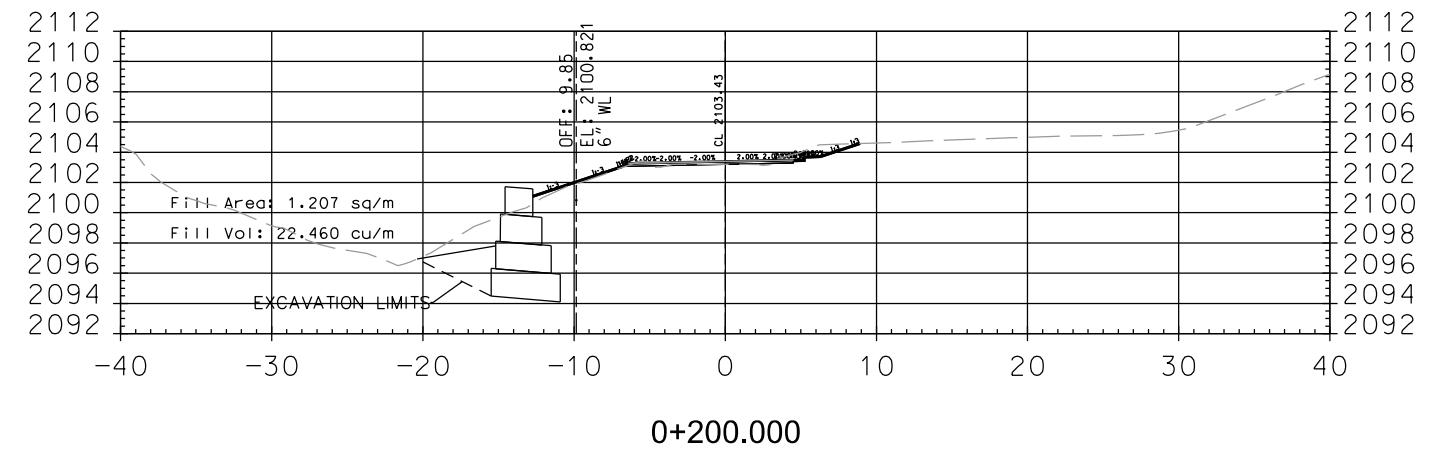
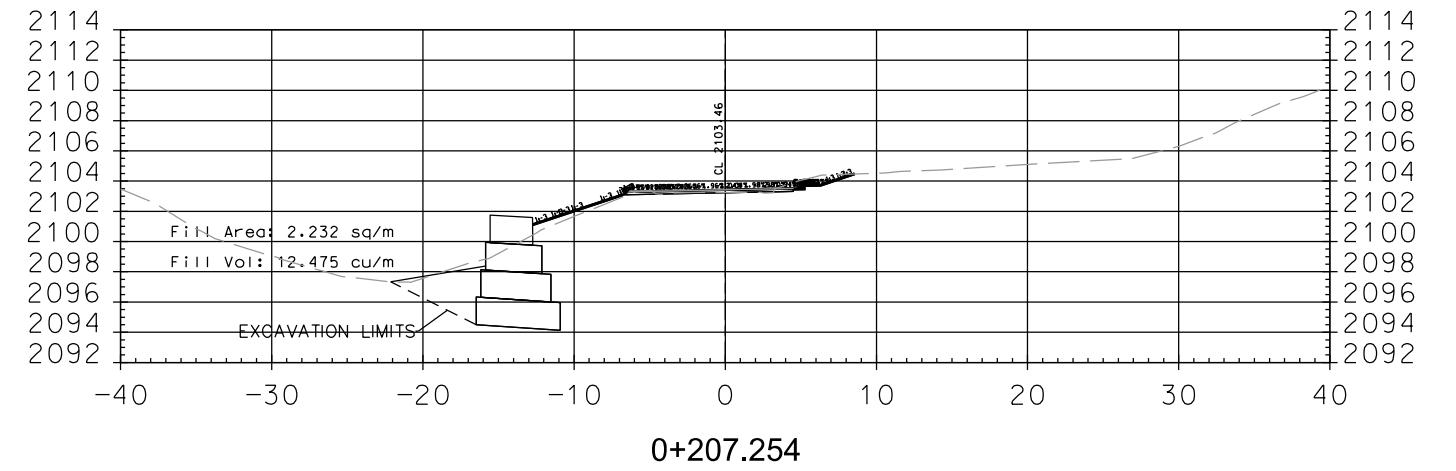
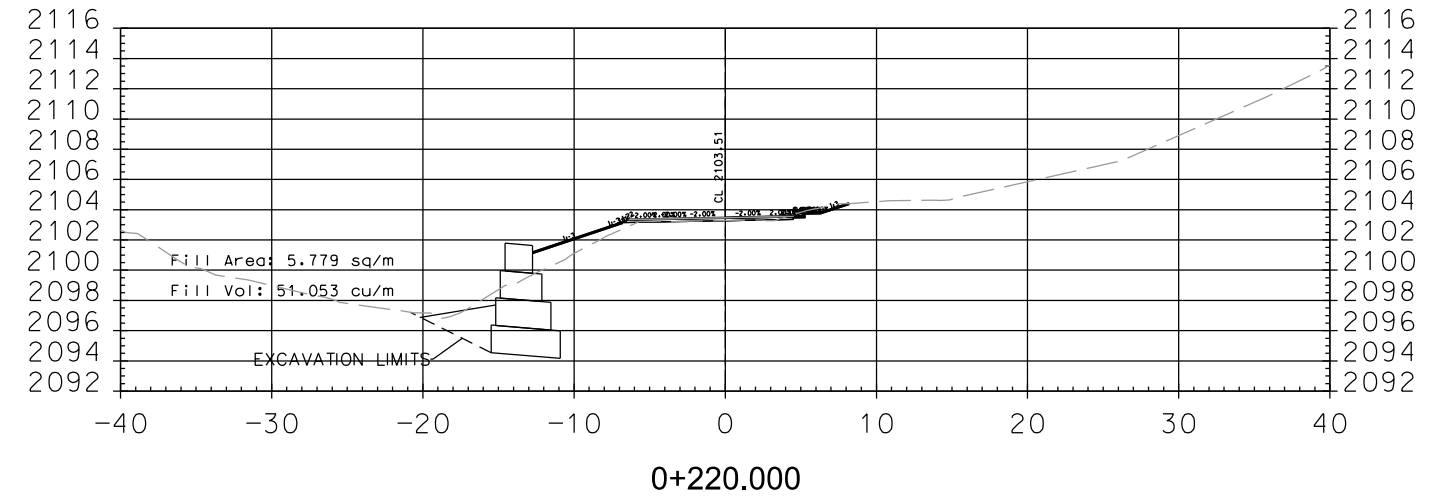
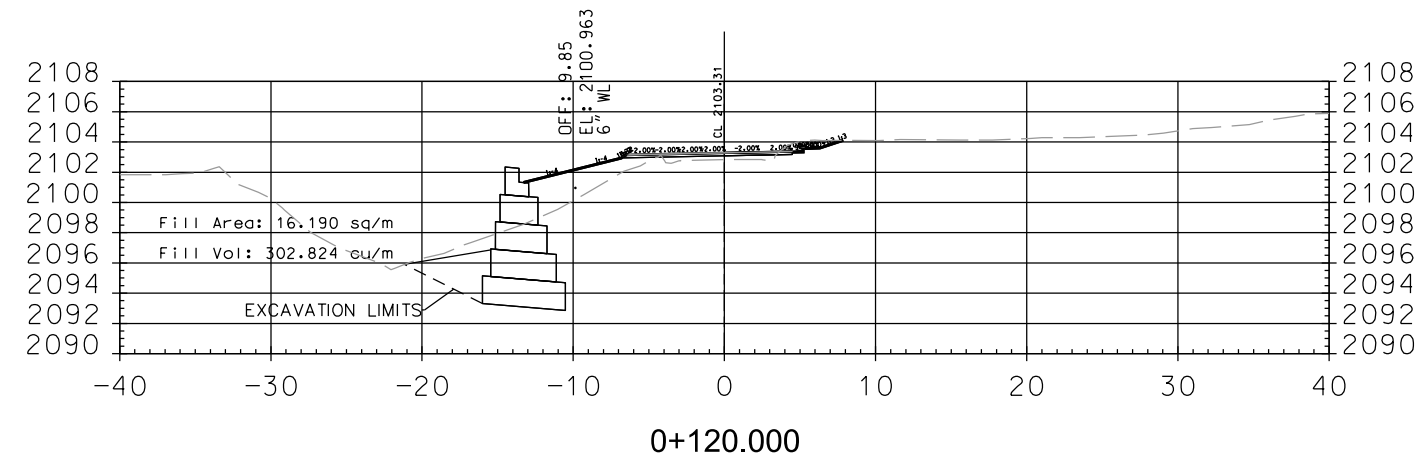
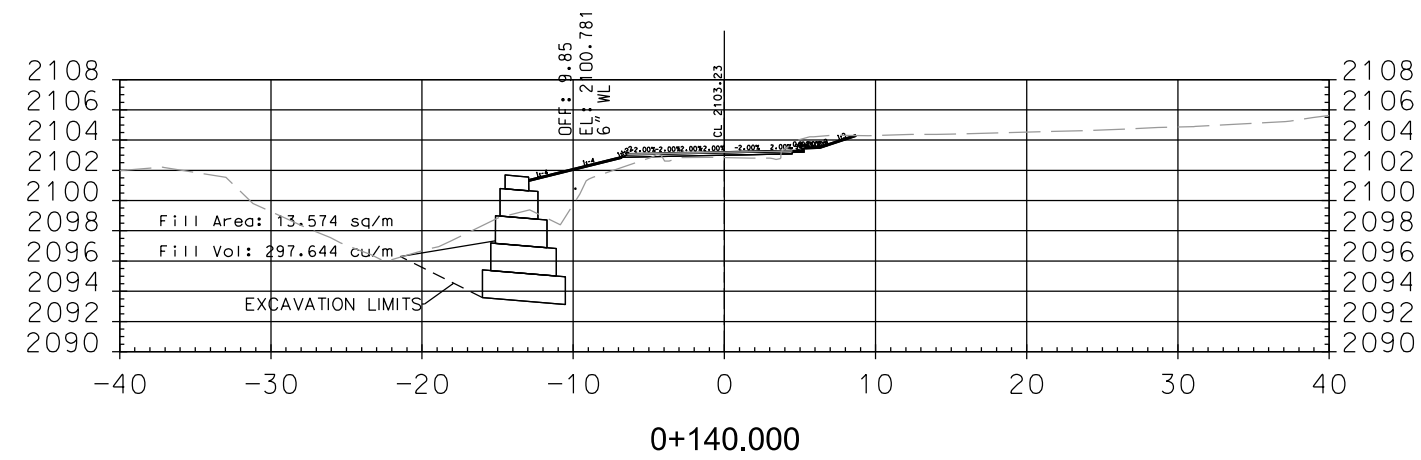
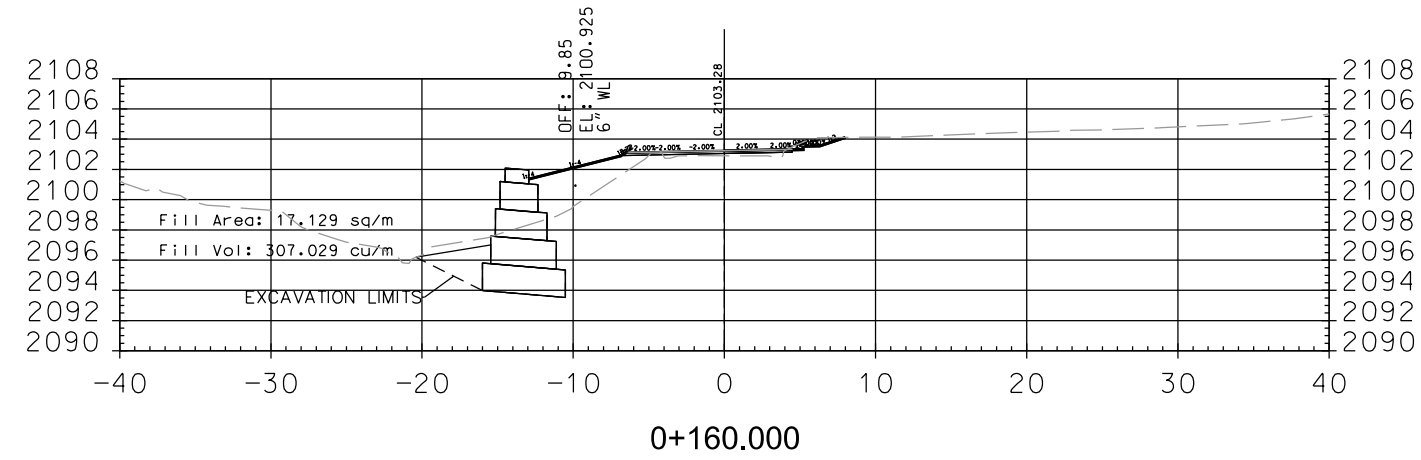
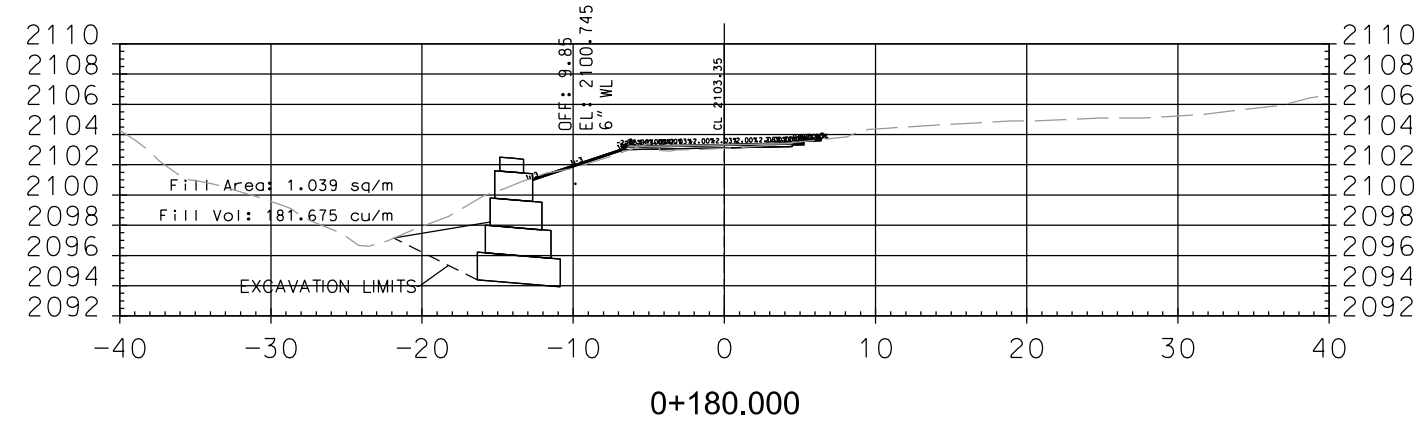
PLANS PREPARED BY

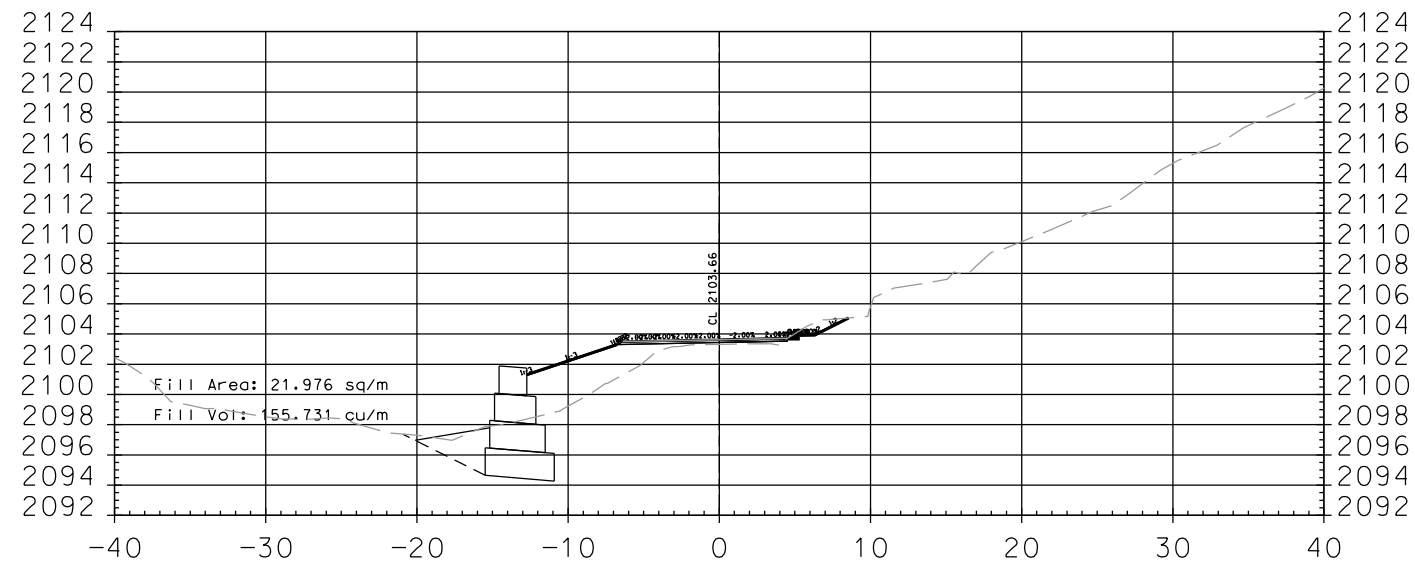
WILSON & COMPANY

4401 MASTHEAD ST. N.E.
 SUITE 105
 ALBUQUERQUE, NEW MEXICO
 87109
 (505) 348-4000

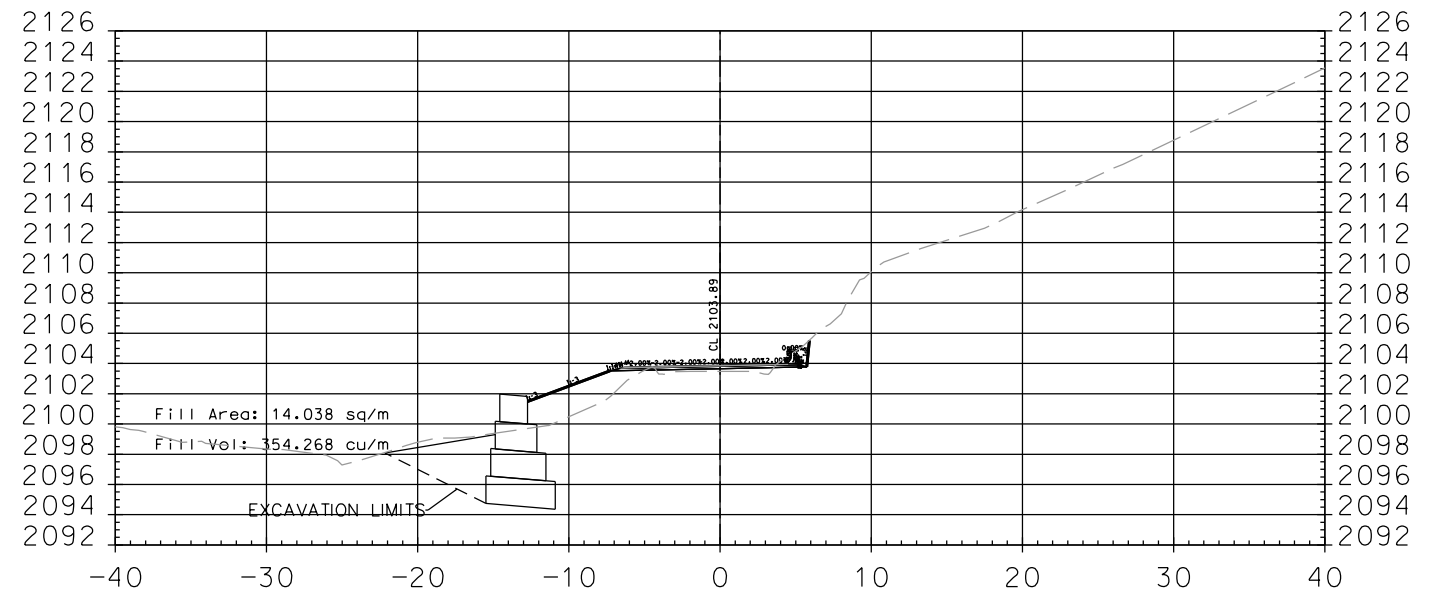




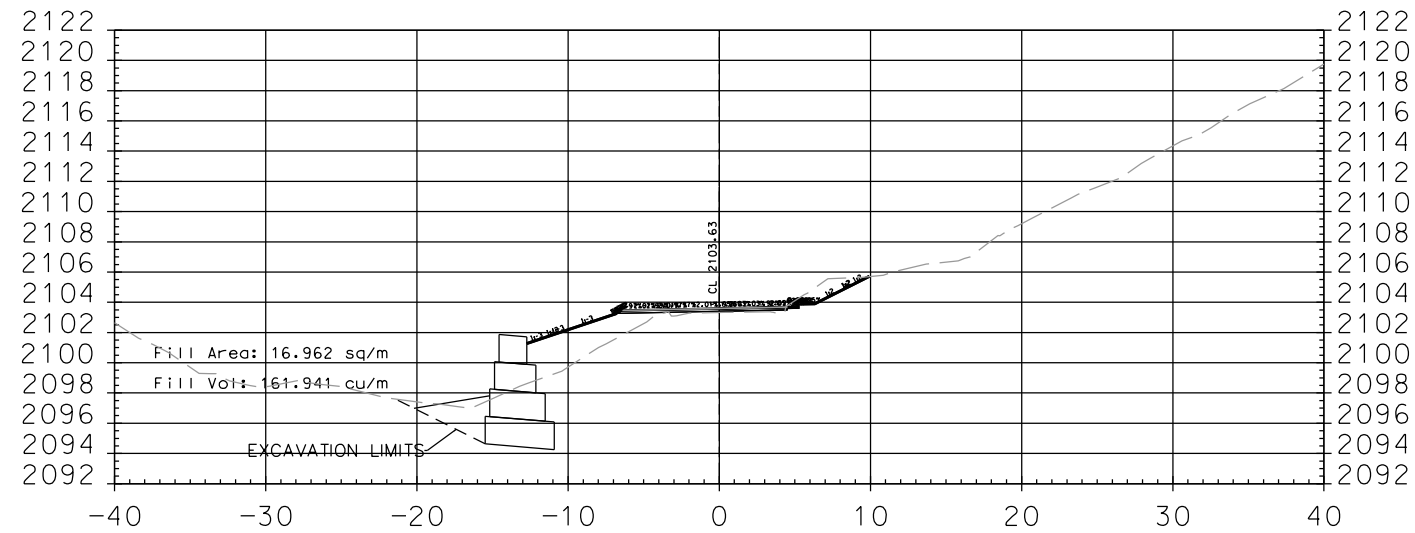




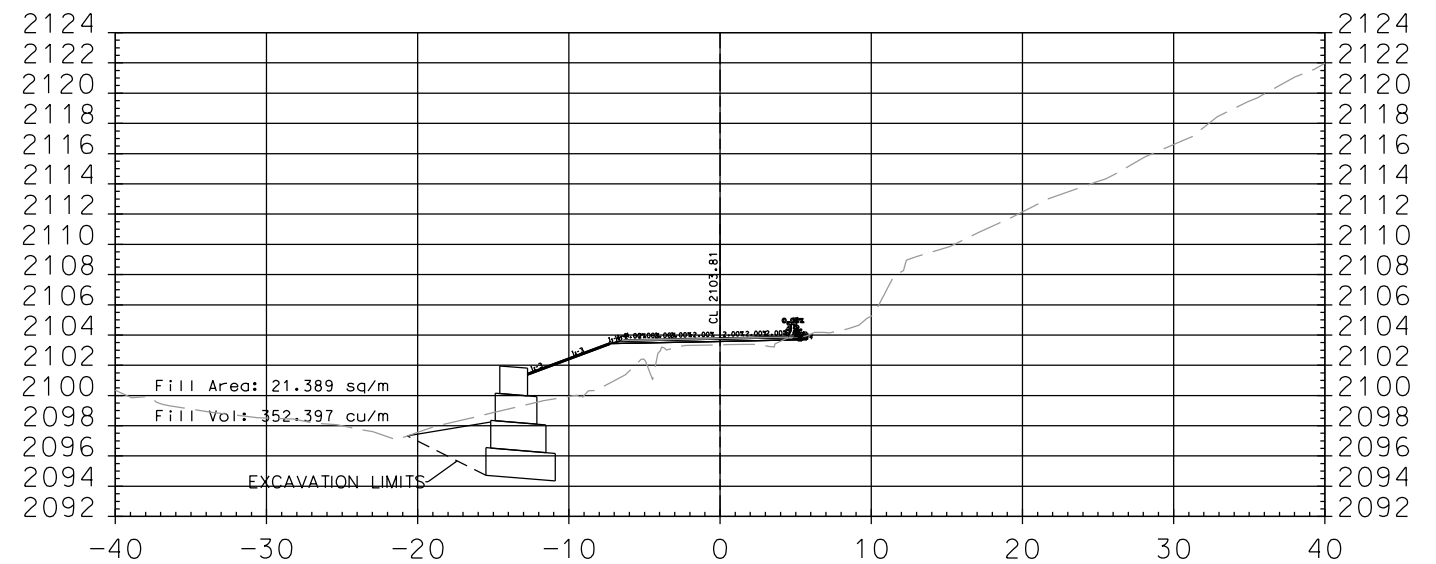
0+260.000



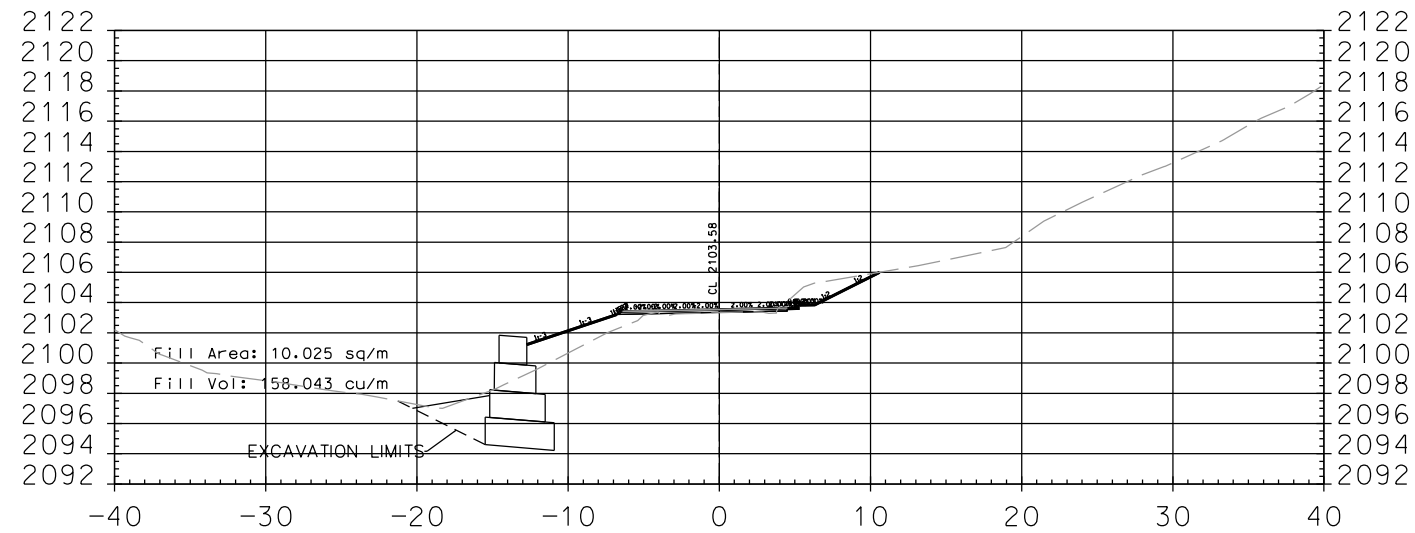
0+320.000



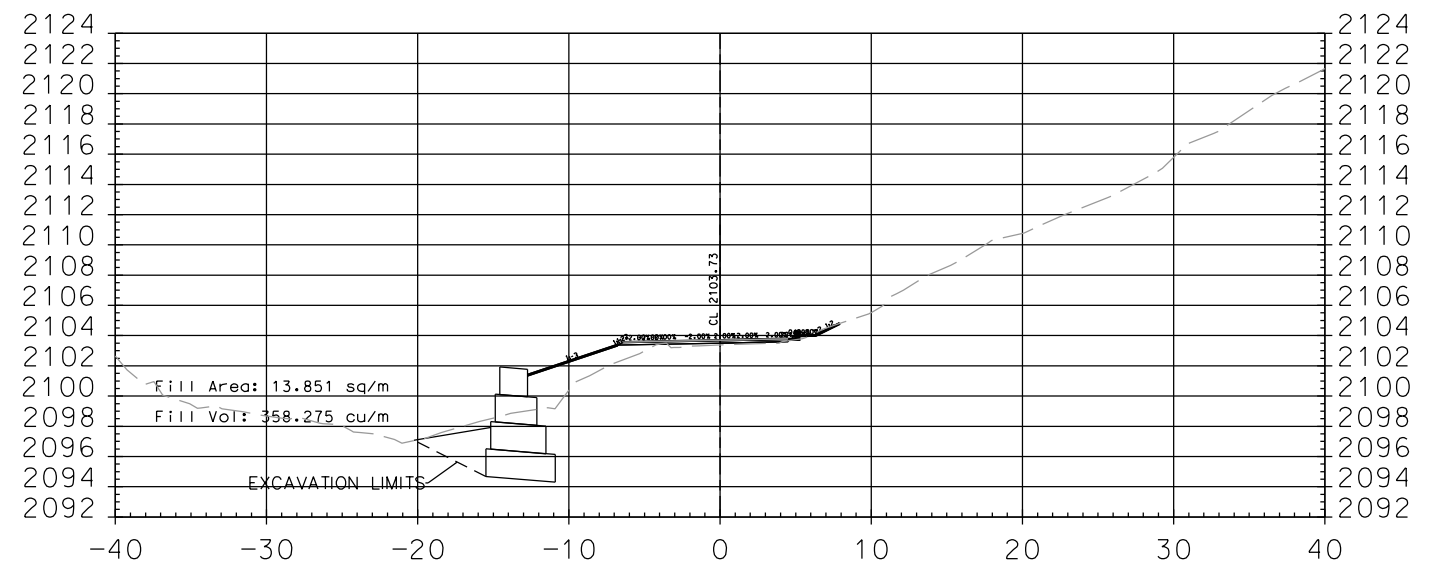
0+252.001



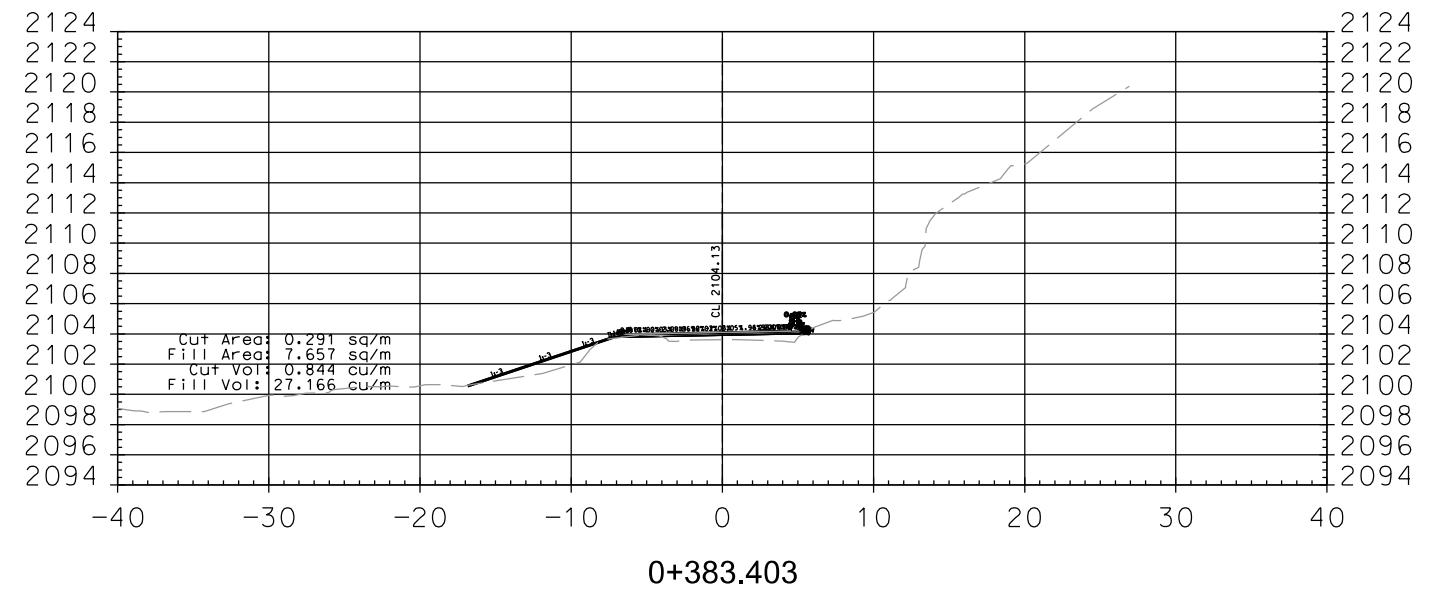
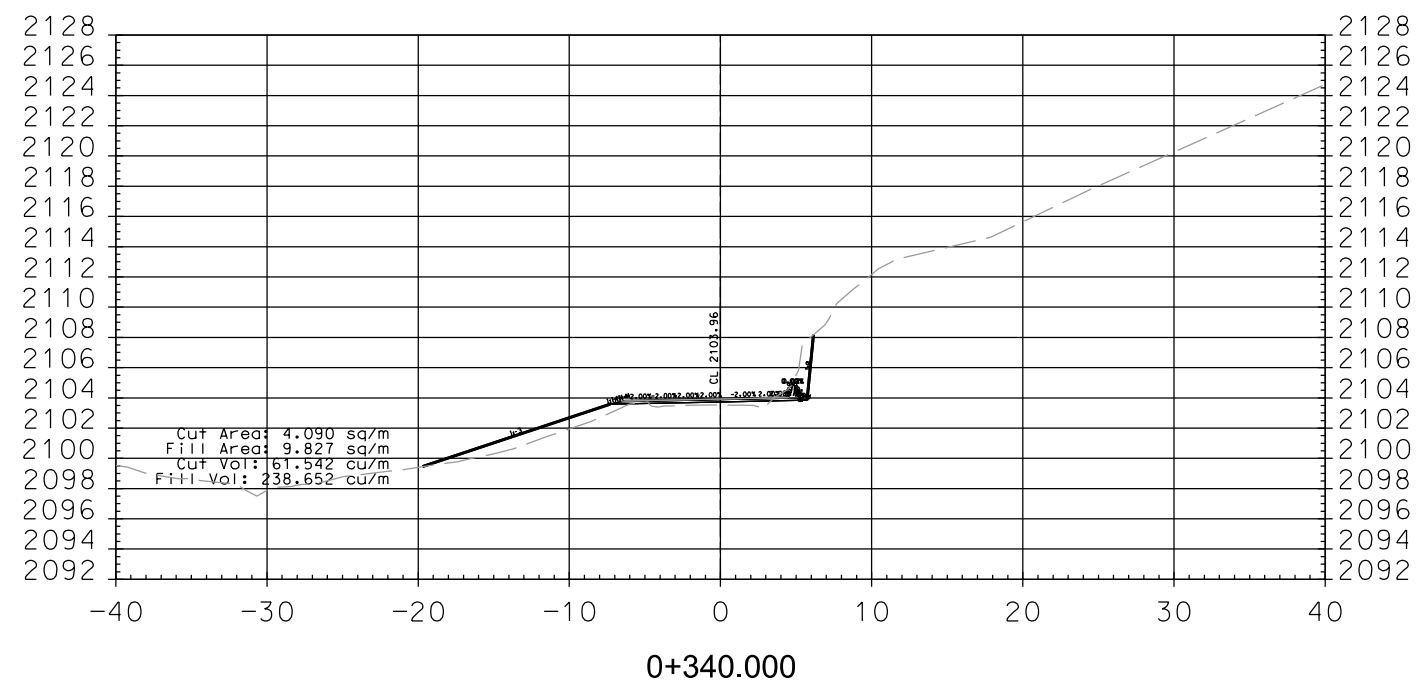
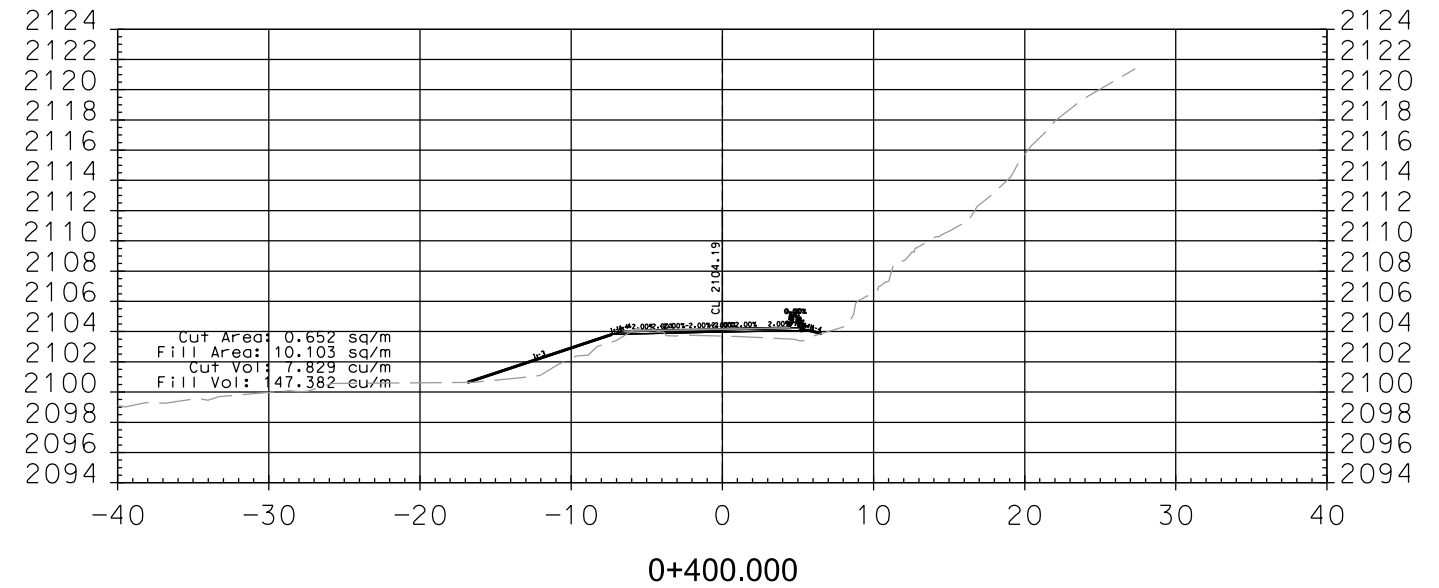
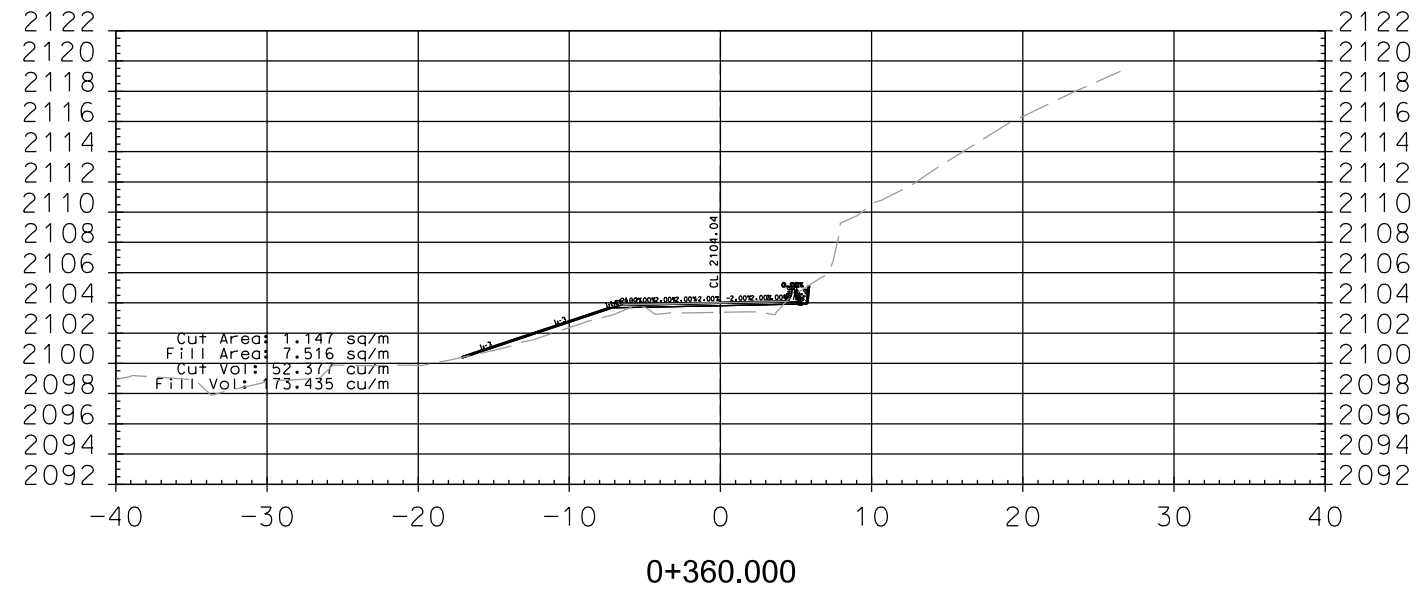
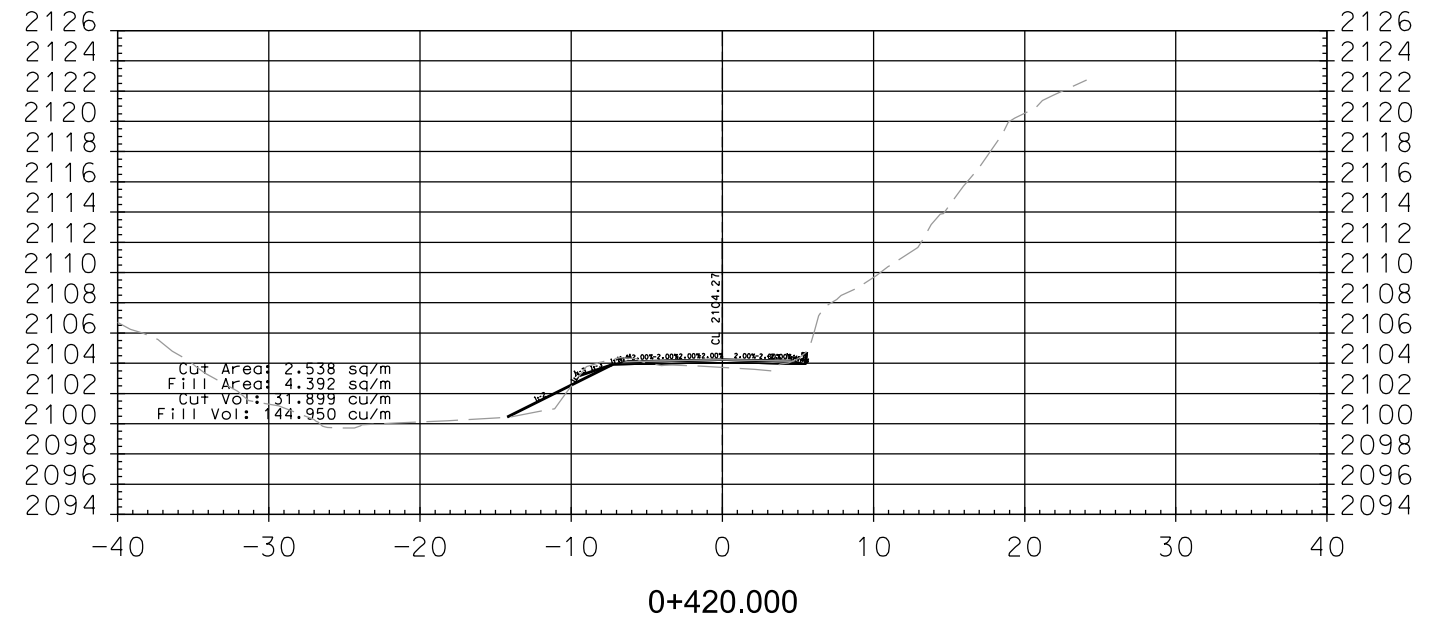
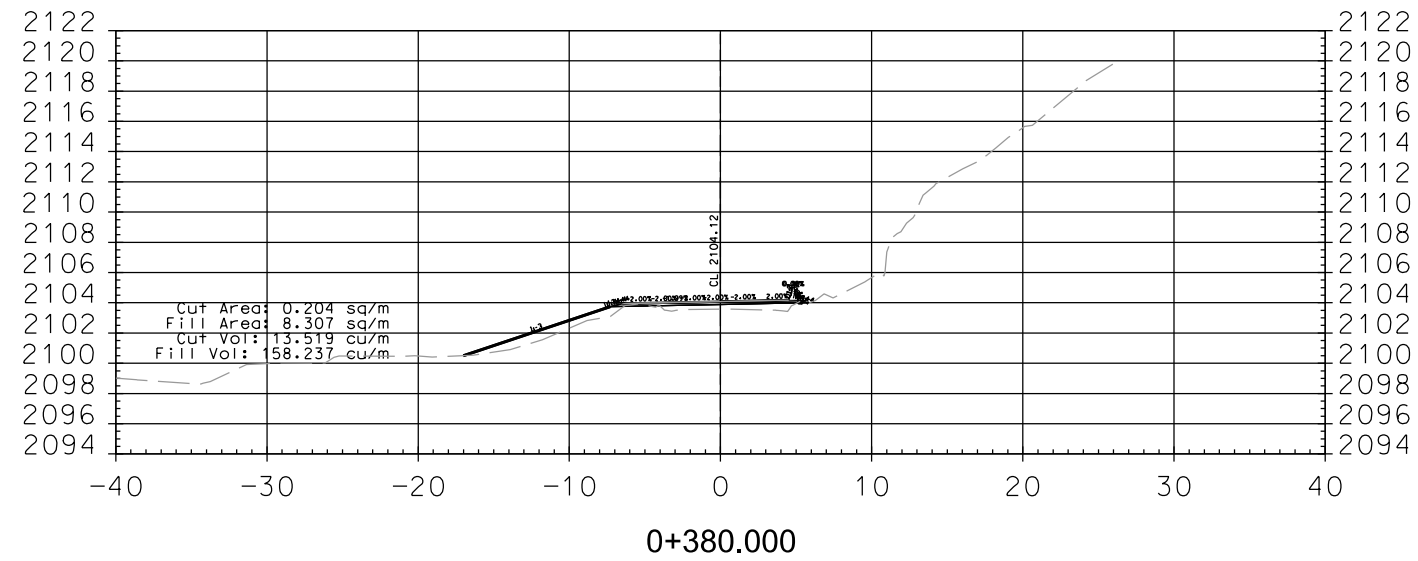
0+300.000

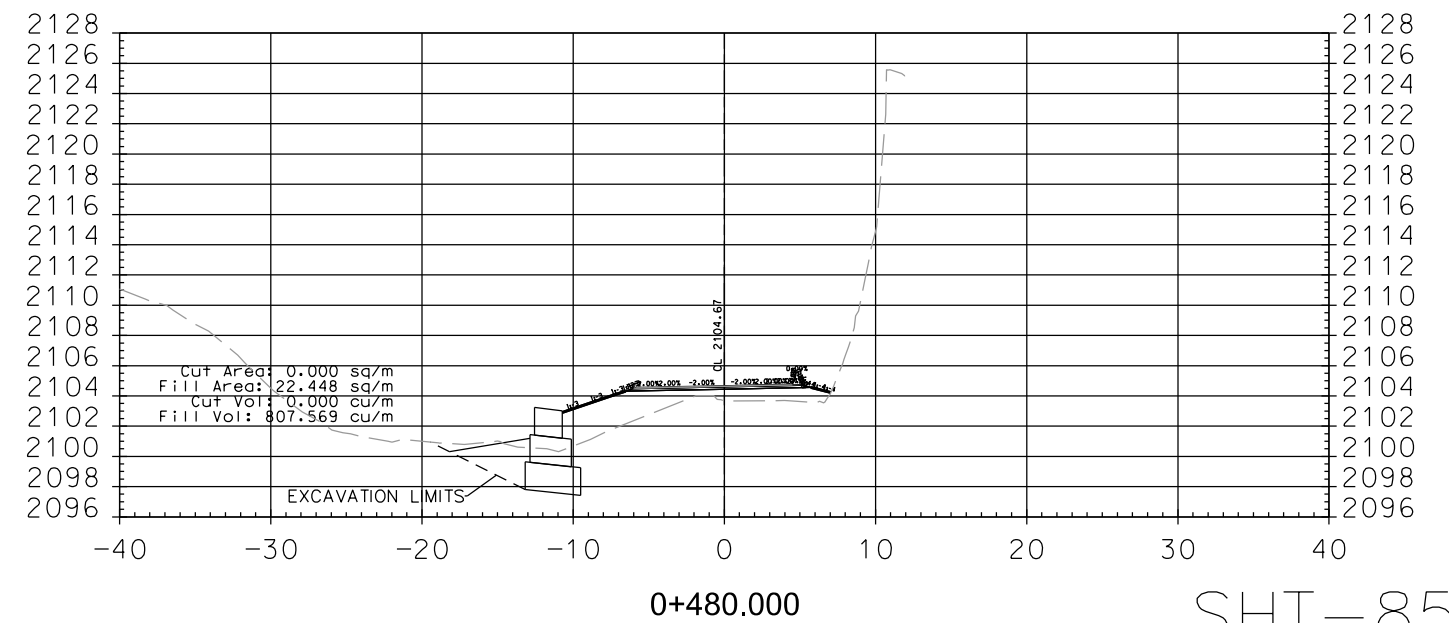
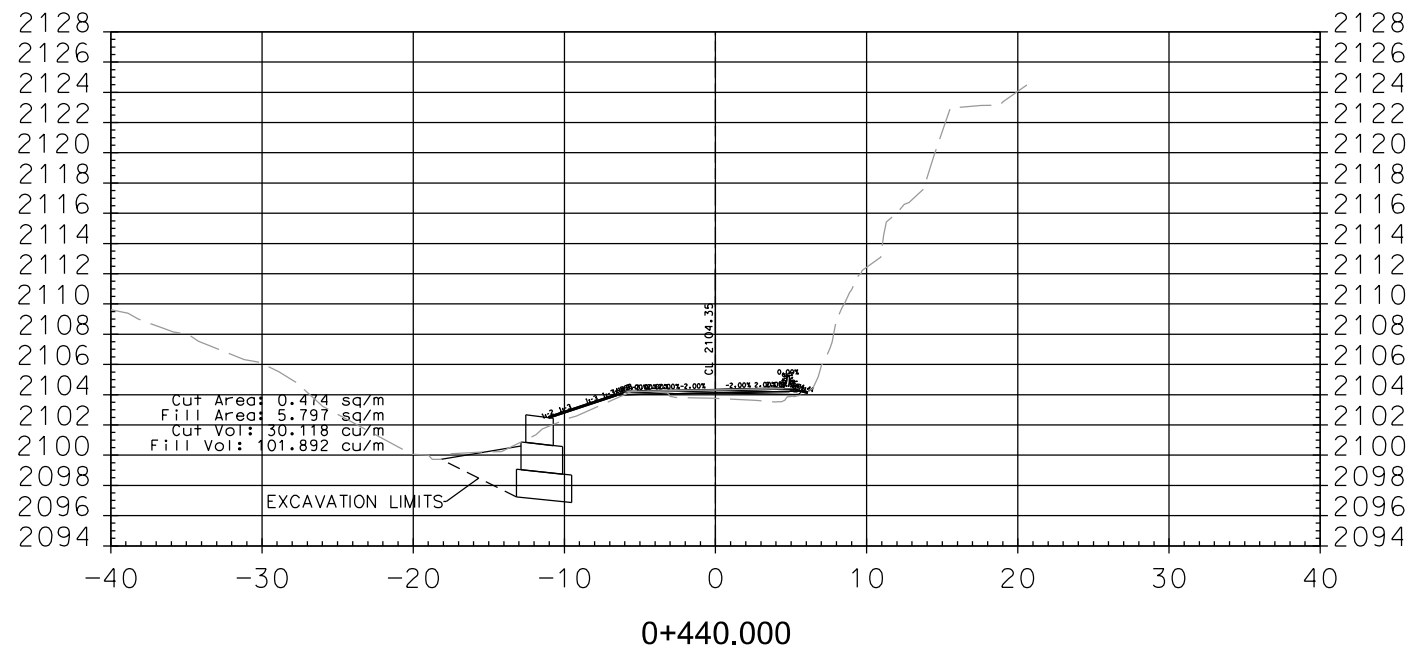
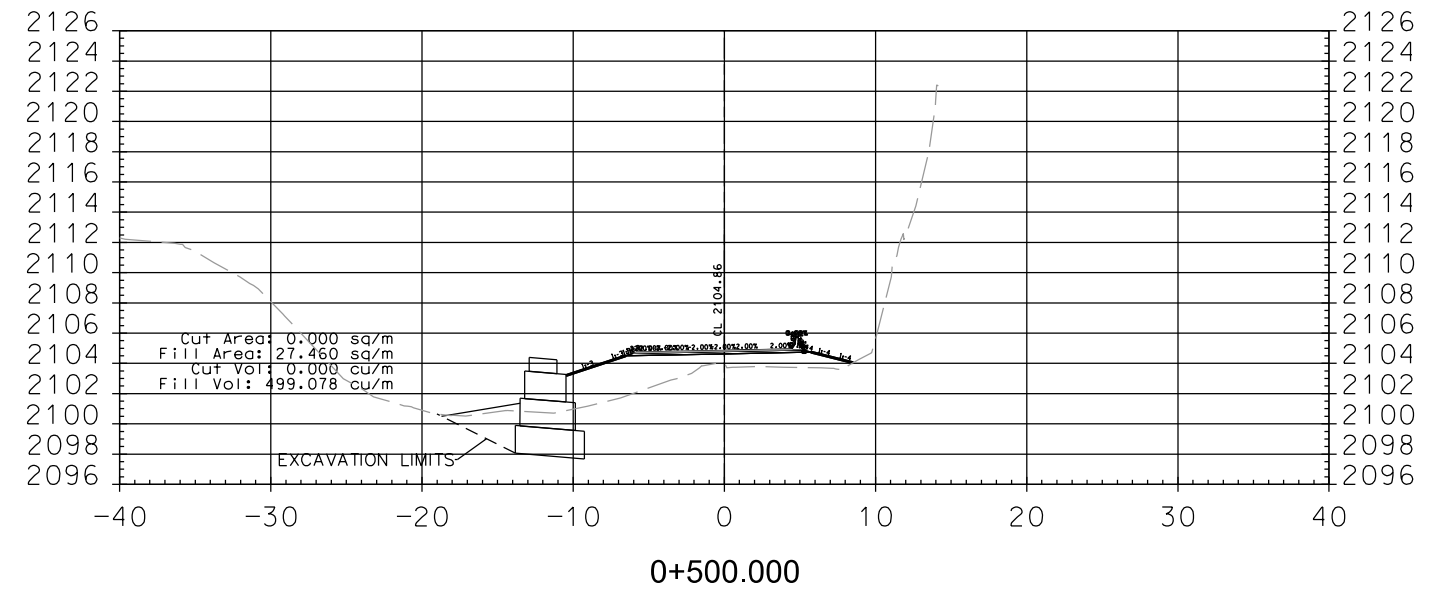
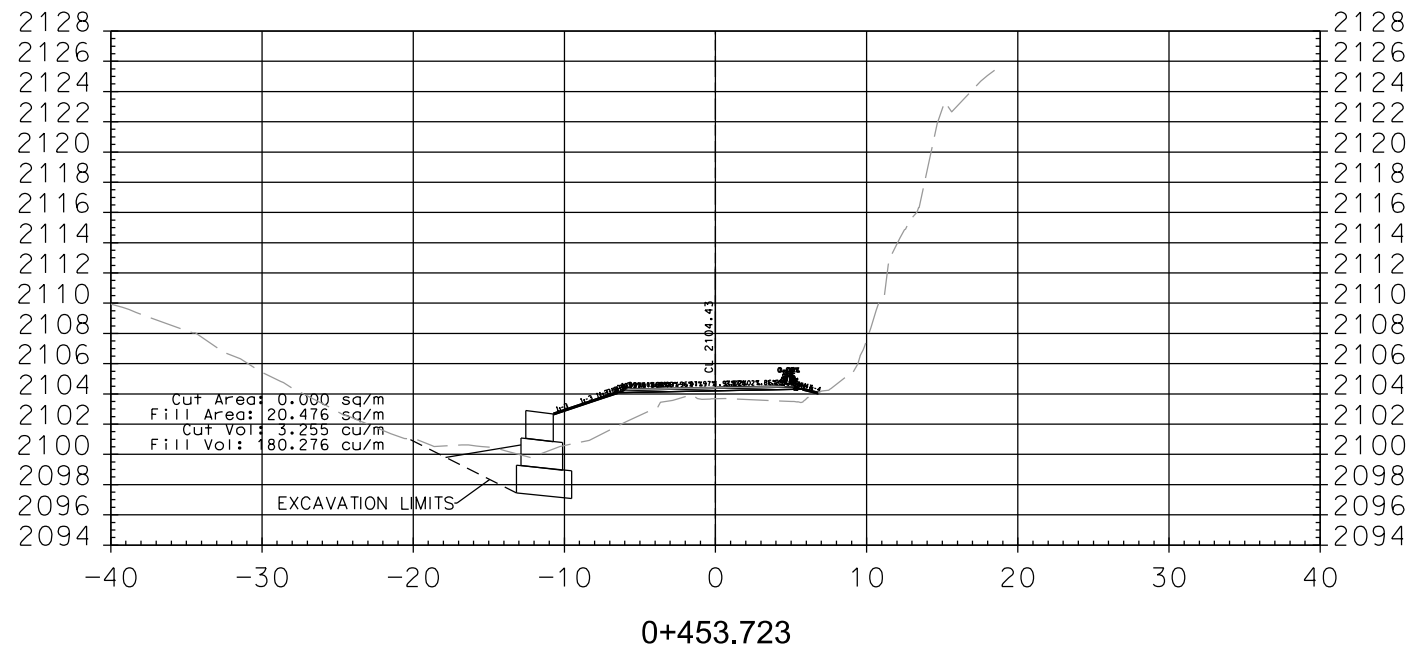
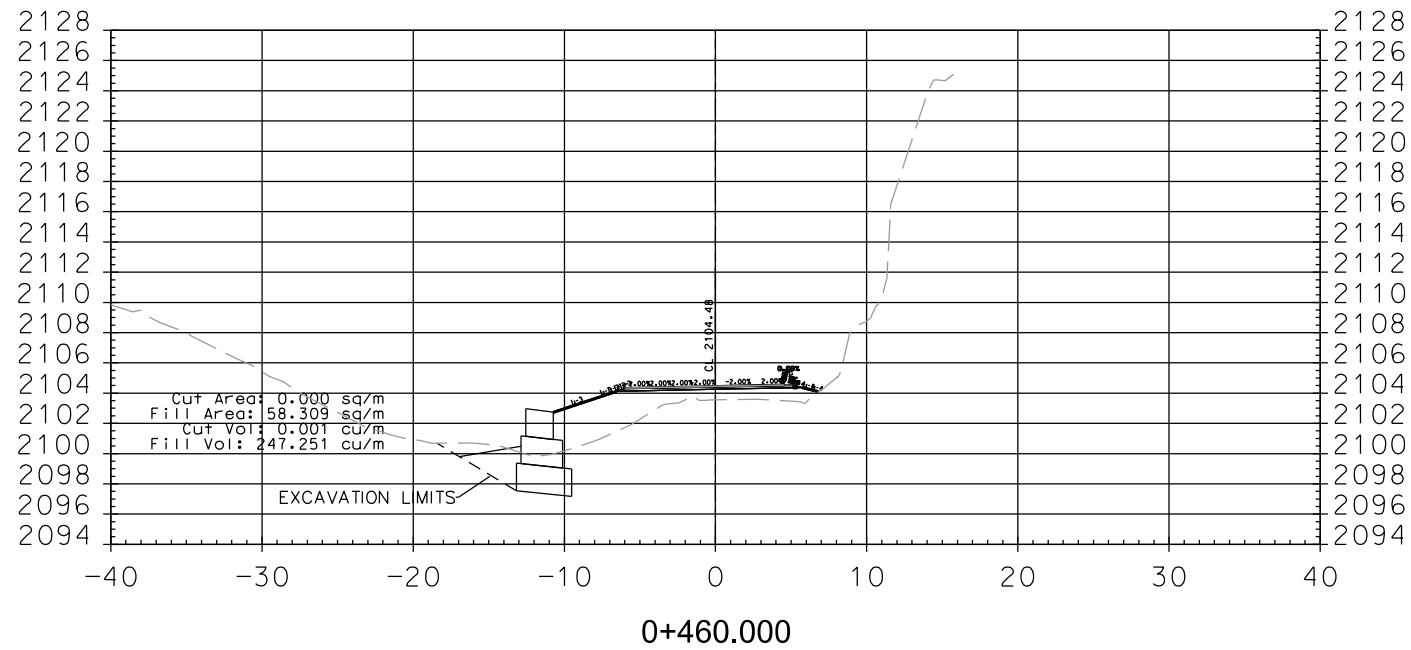


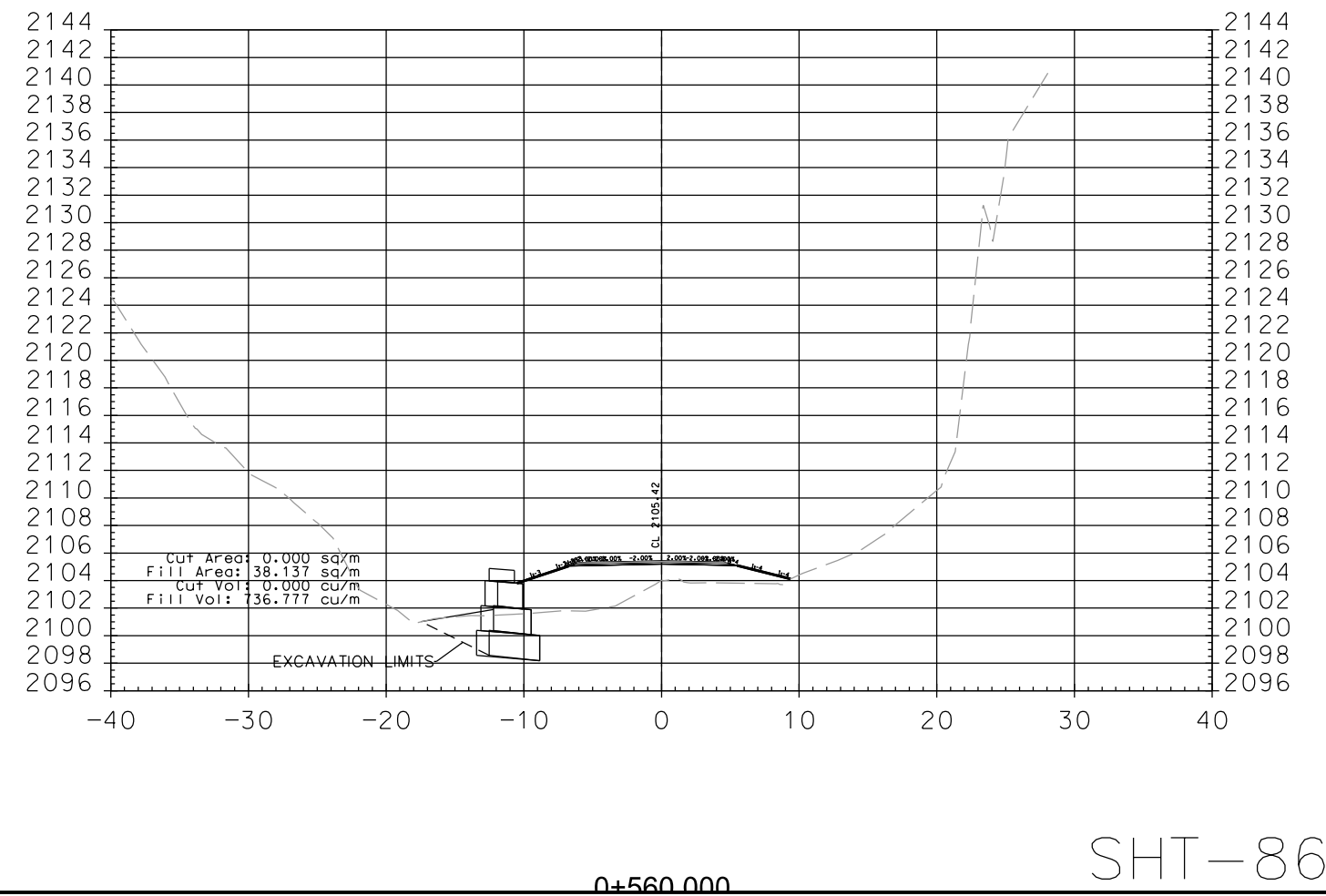
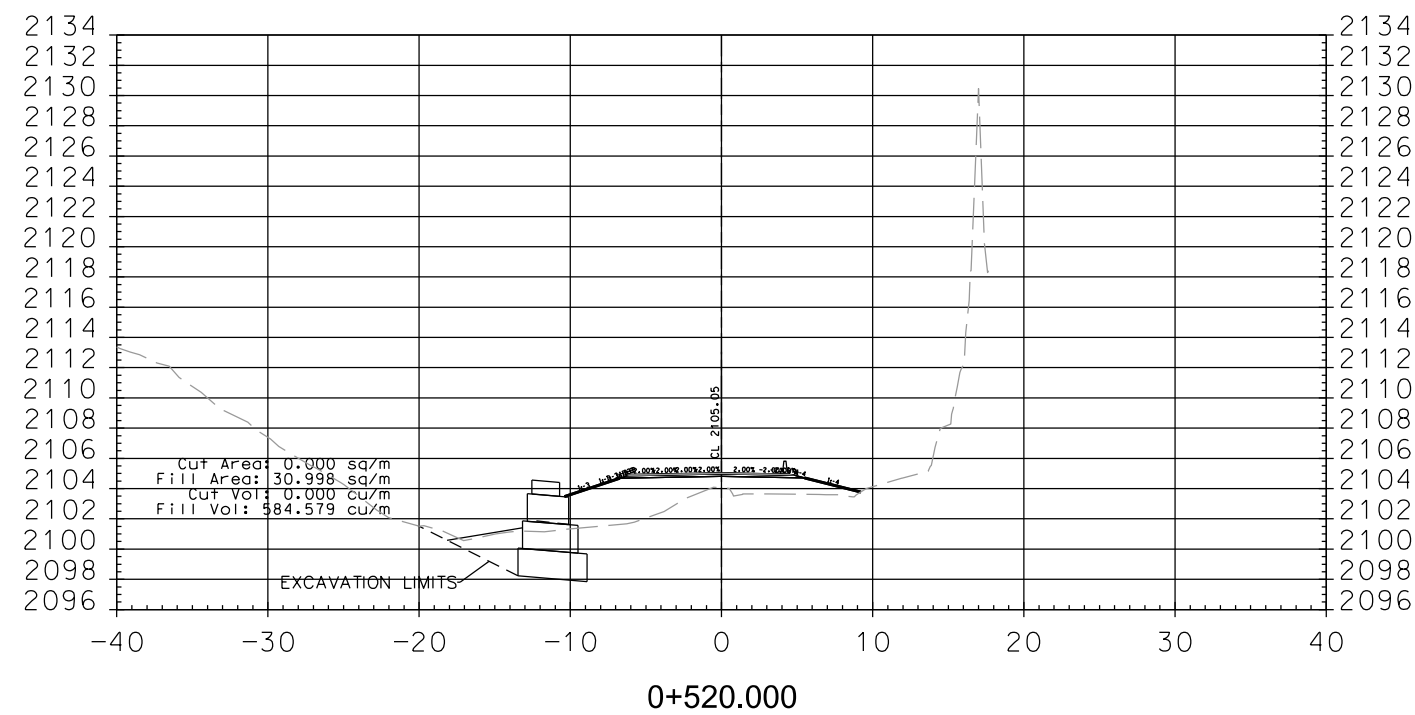
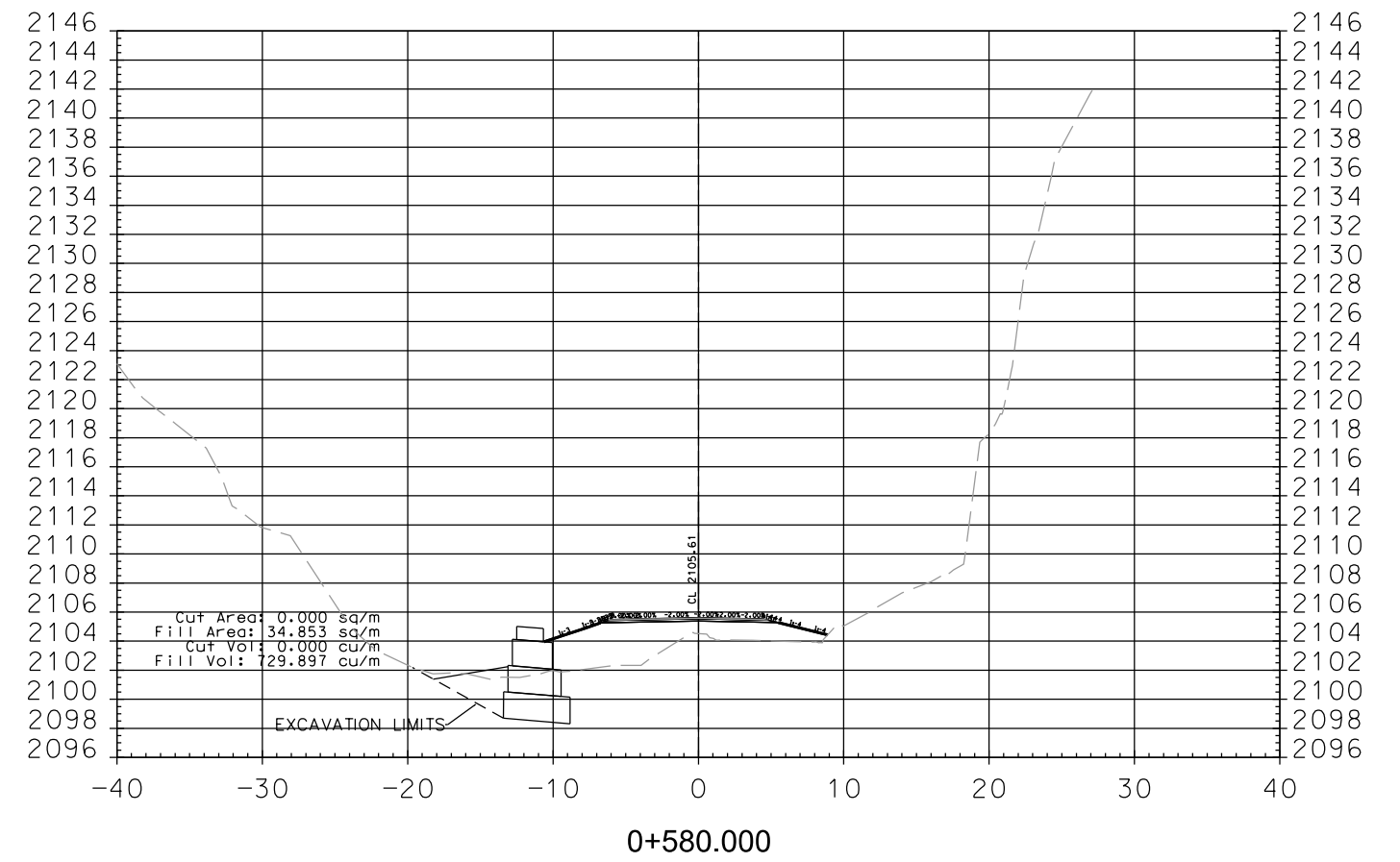
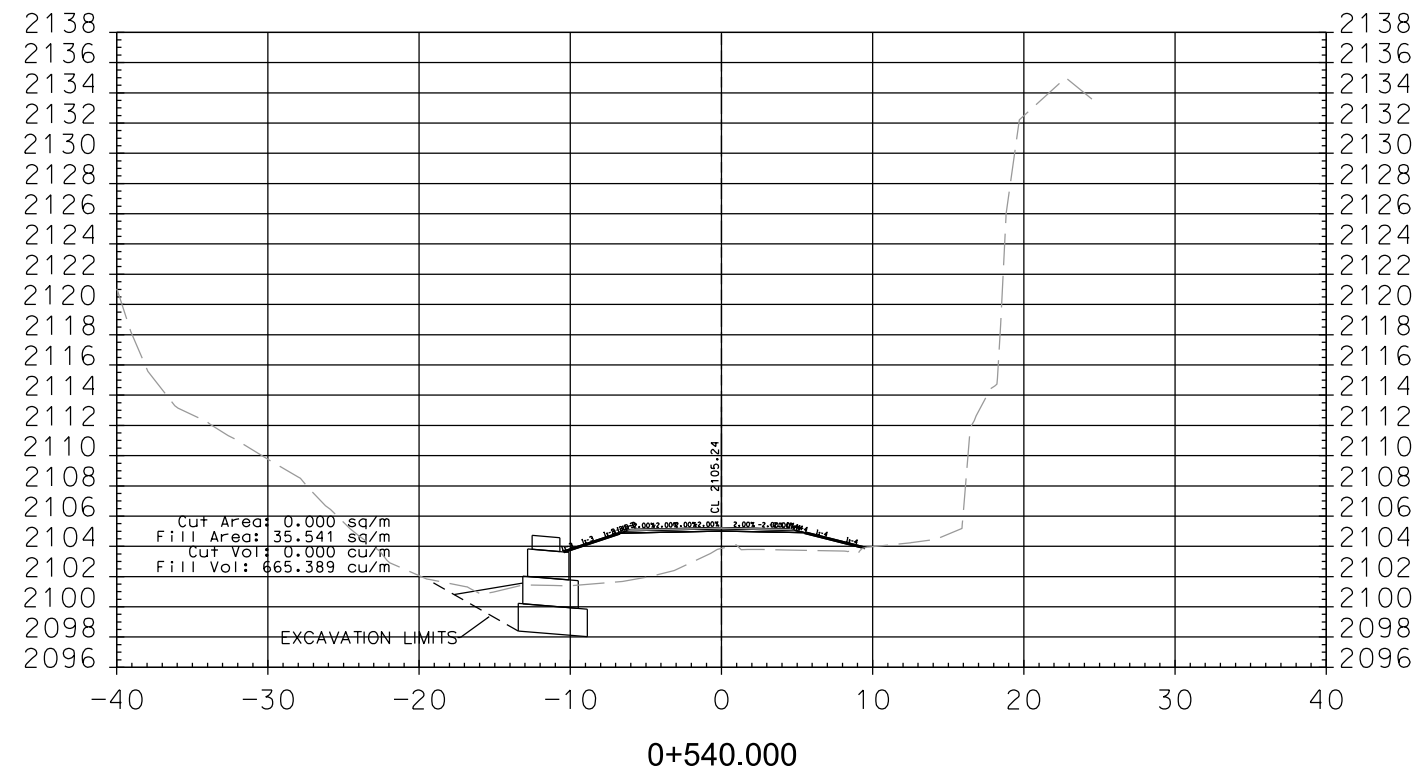
0+240.000

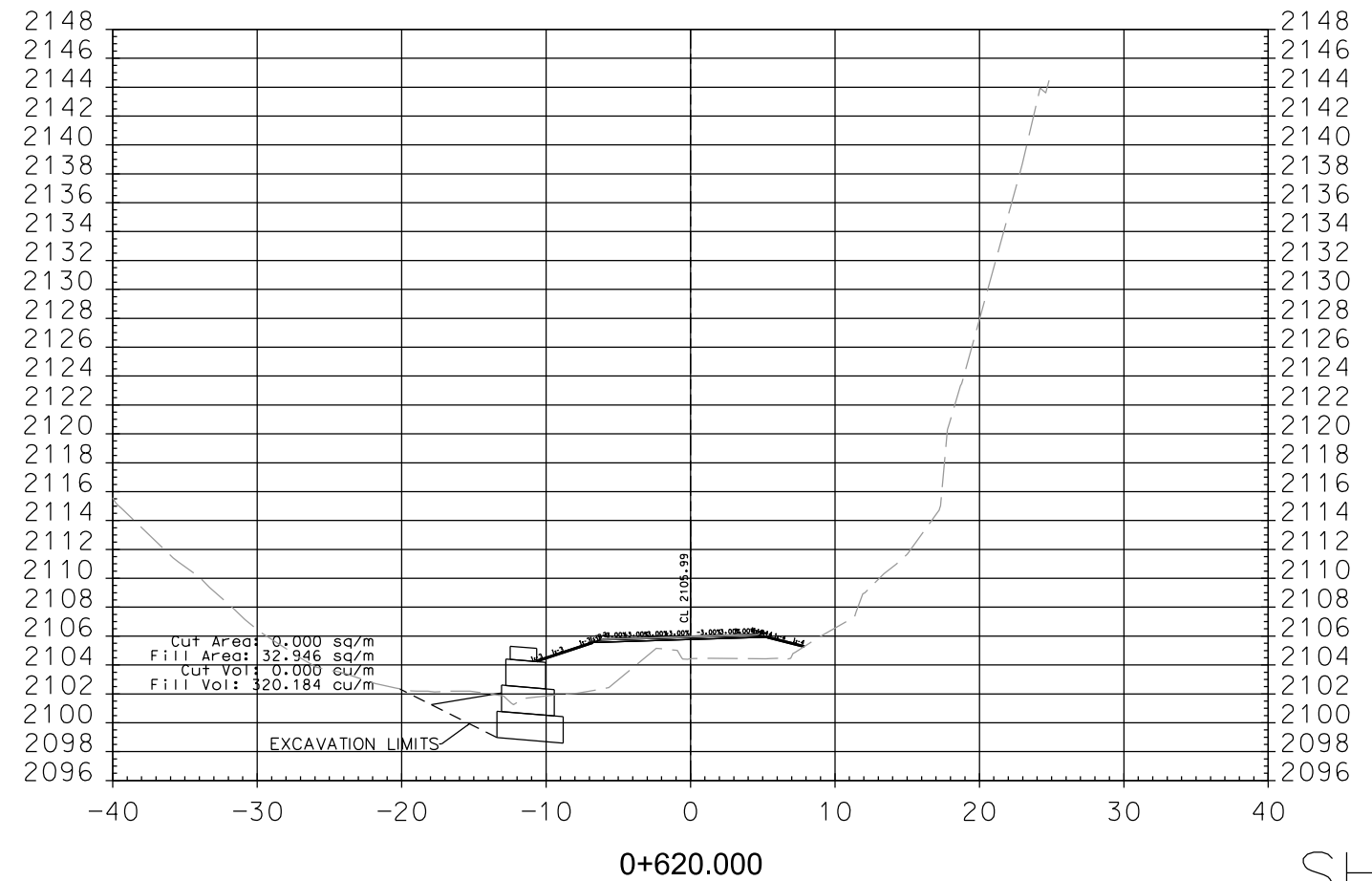
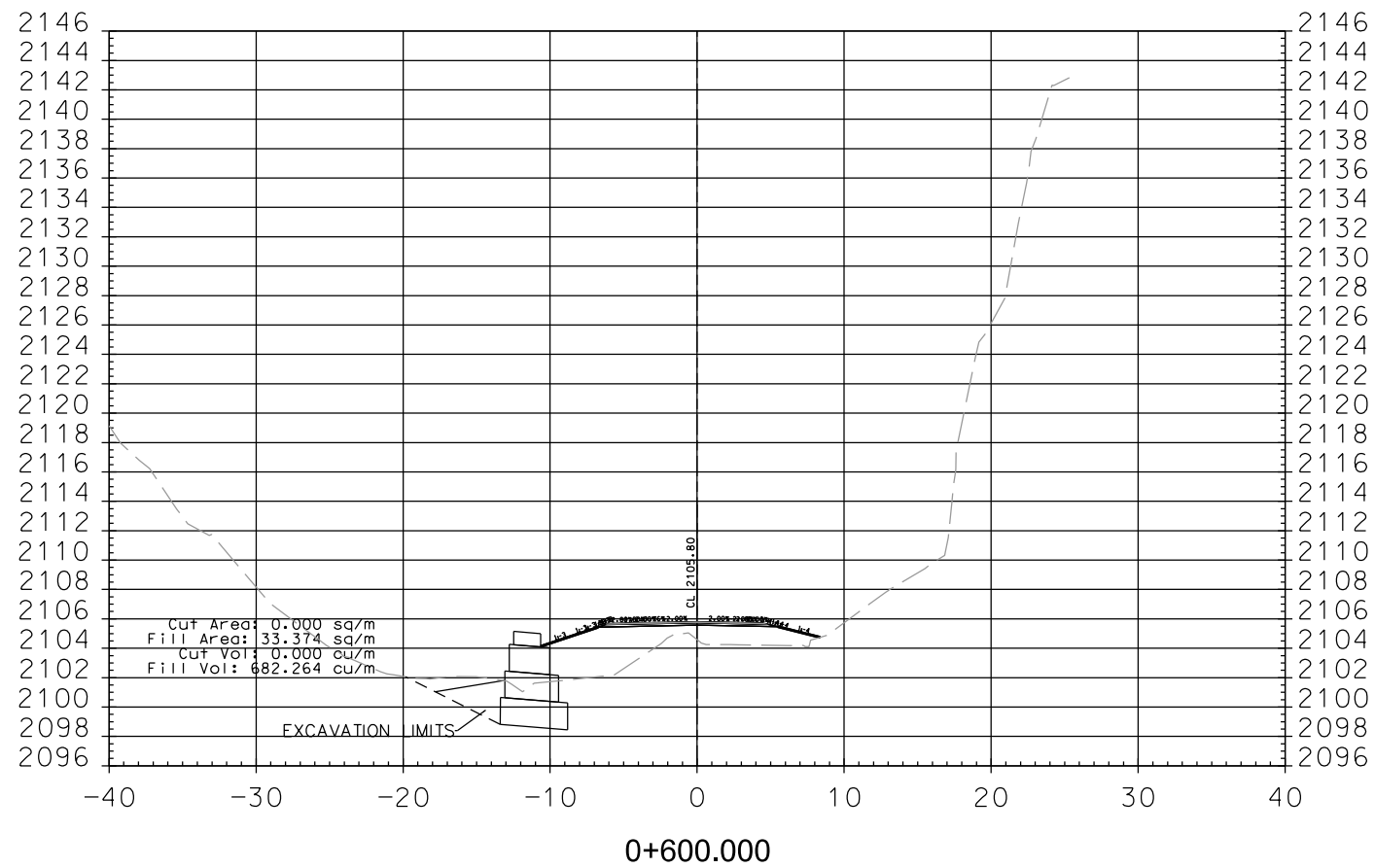
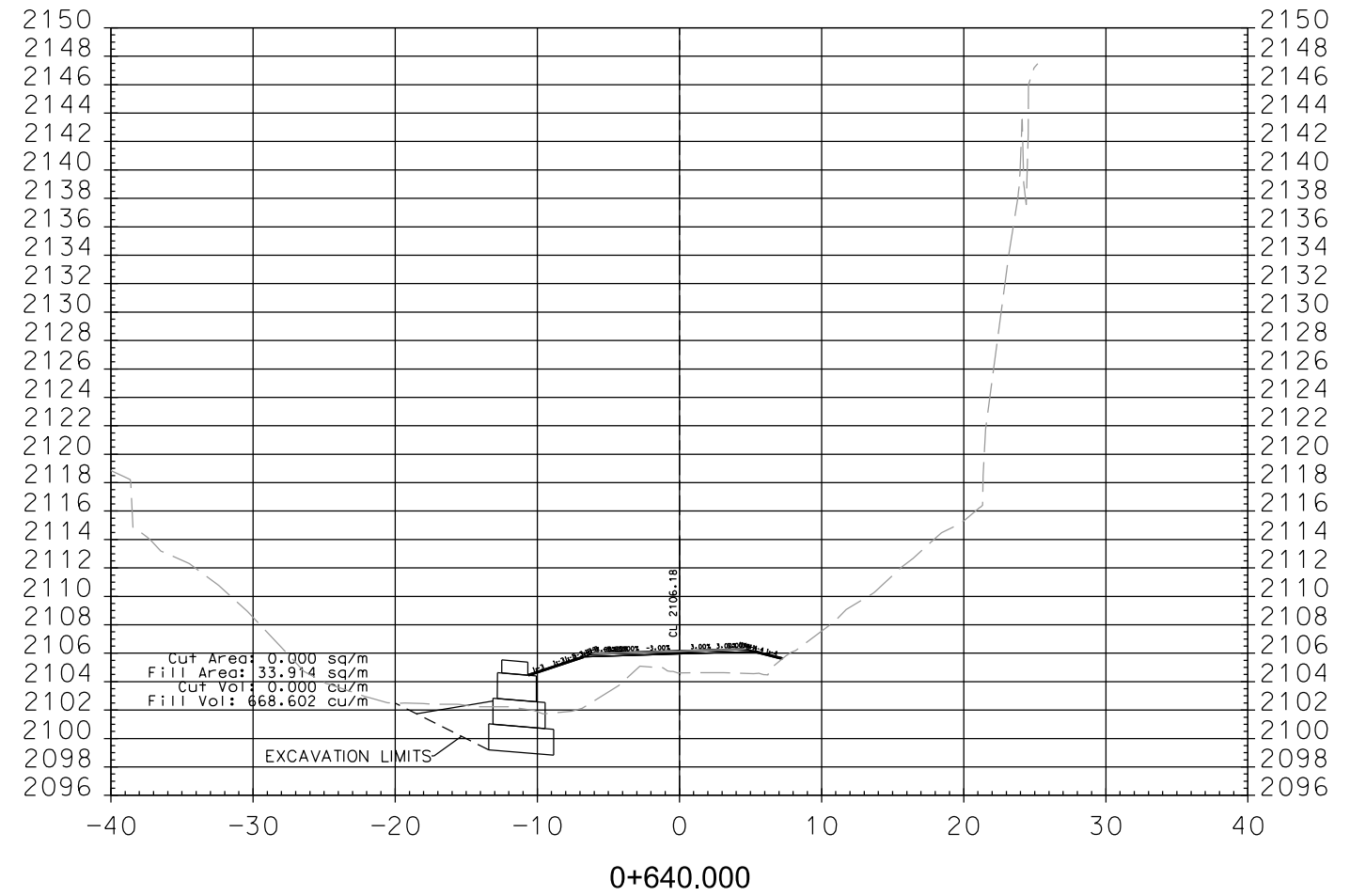
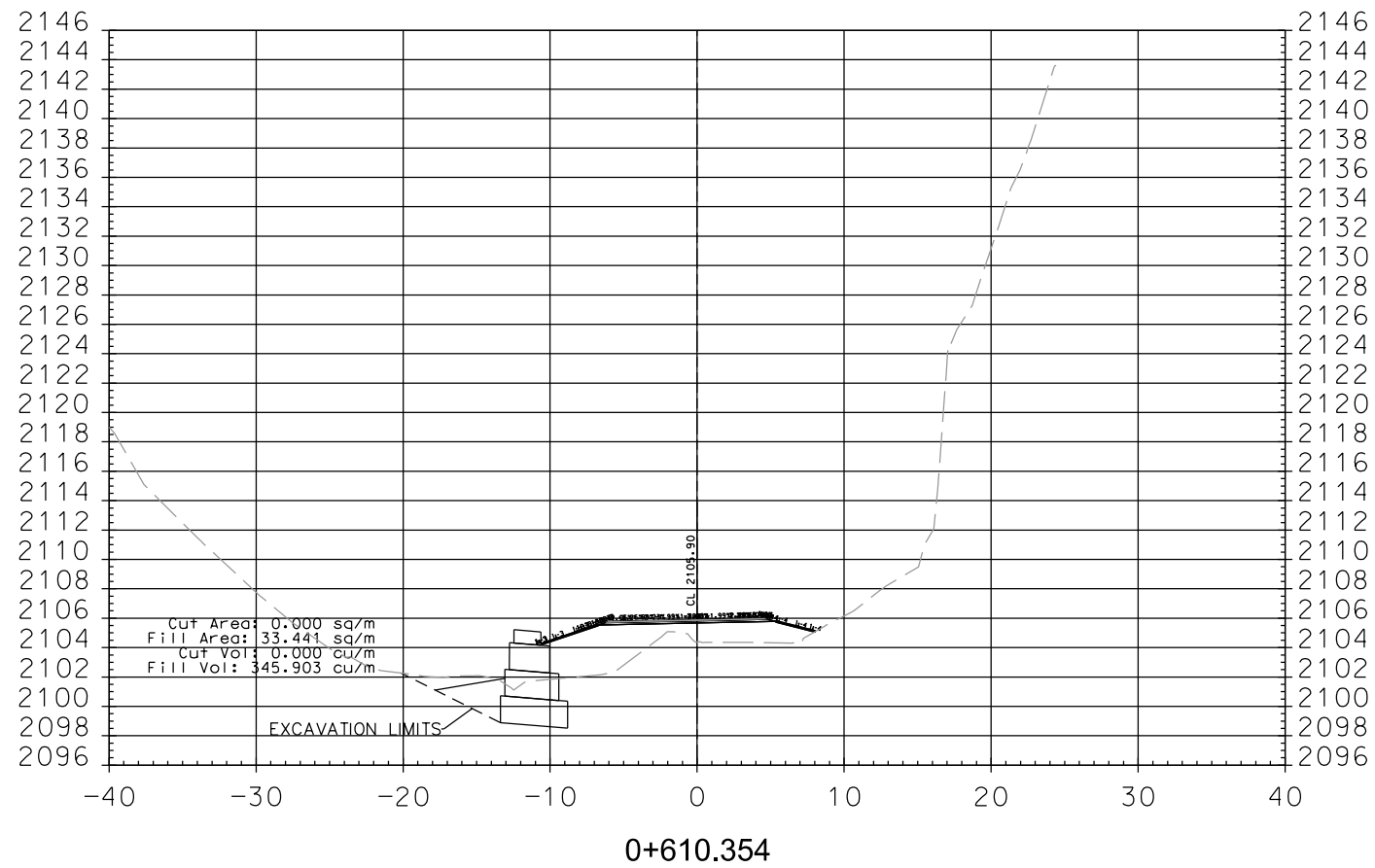


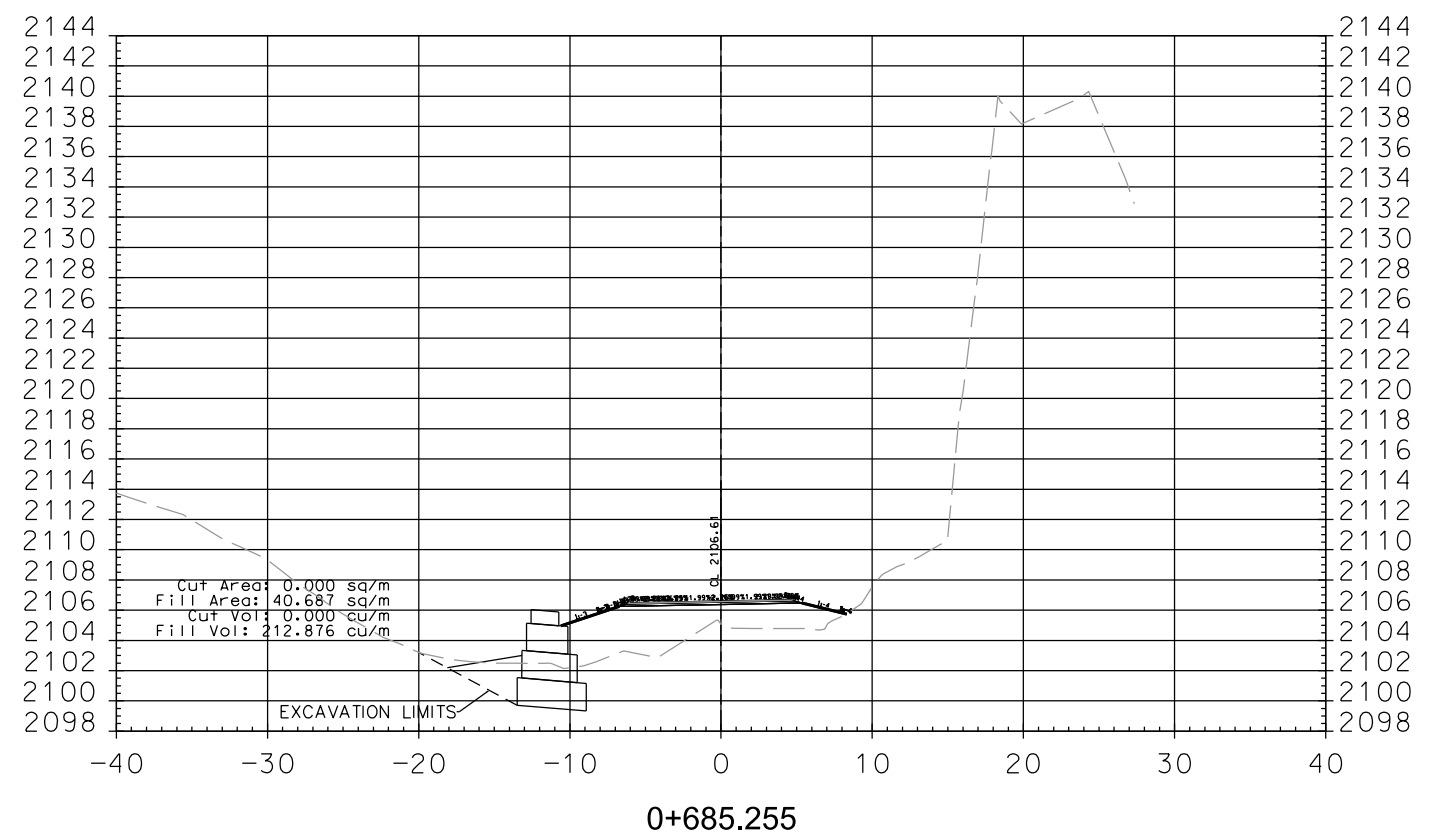
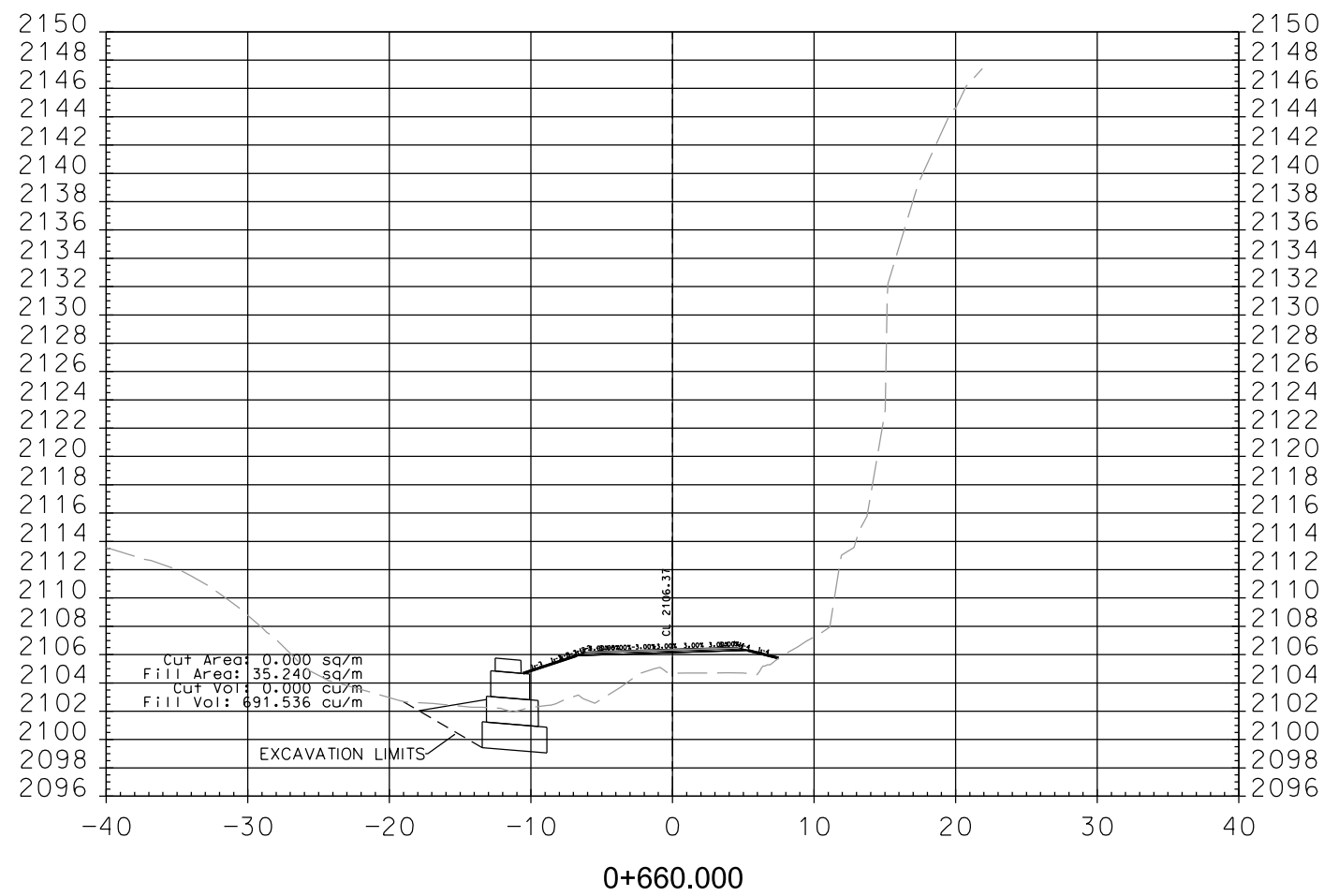
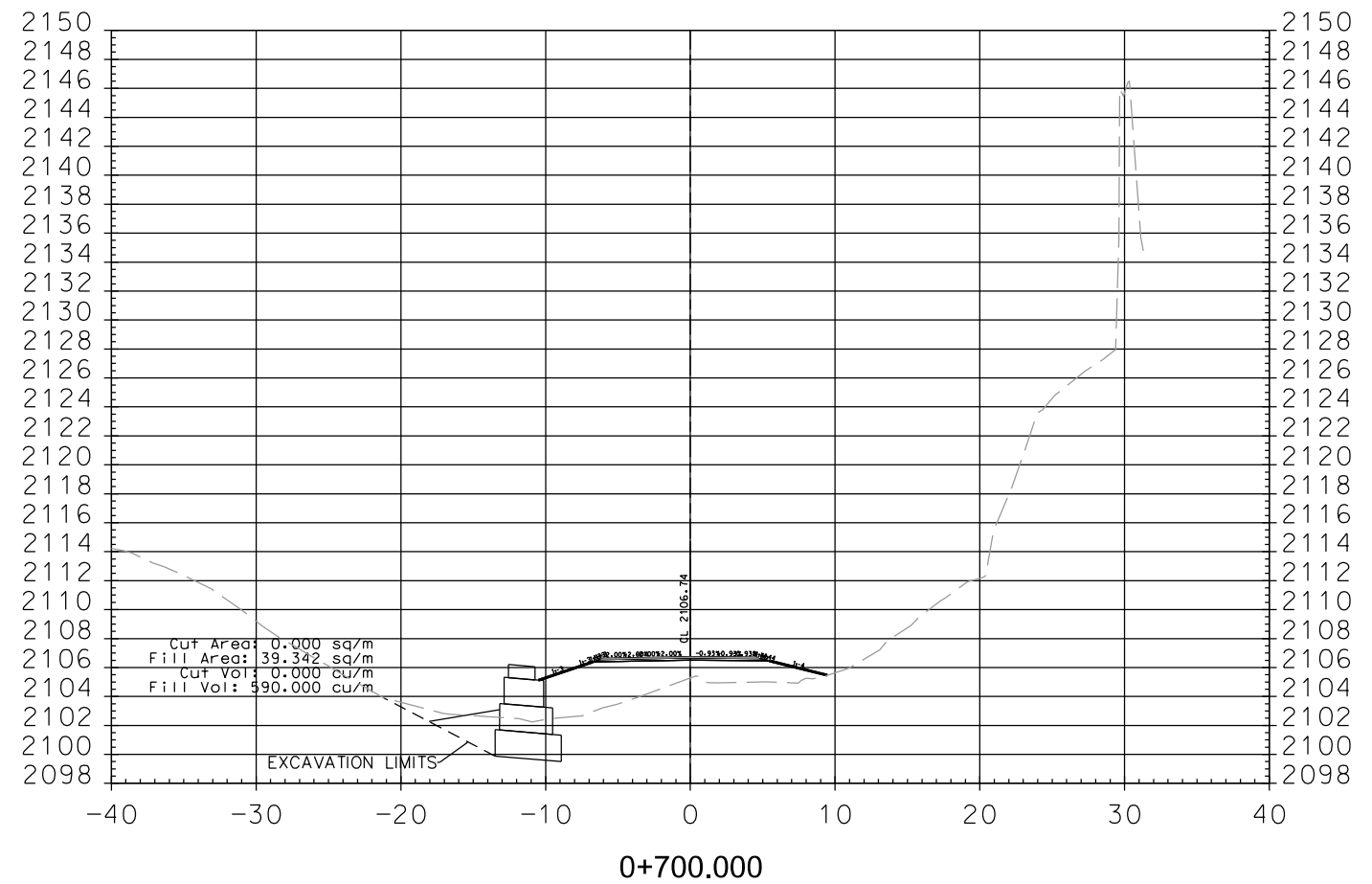
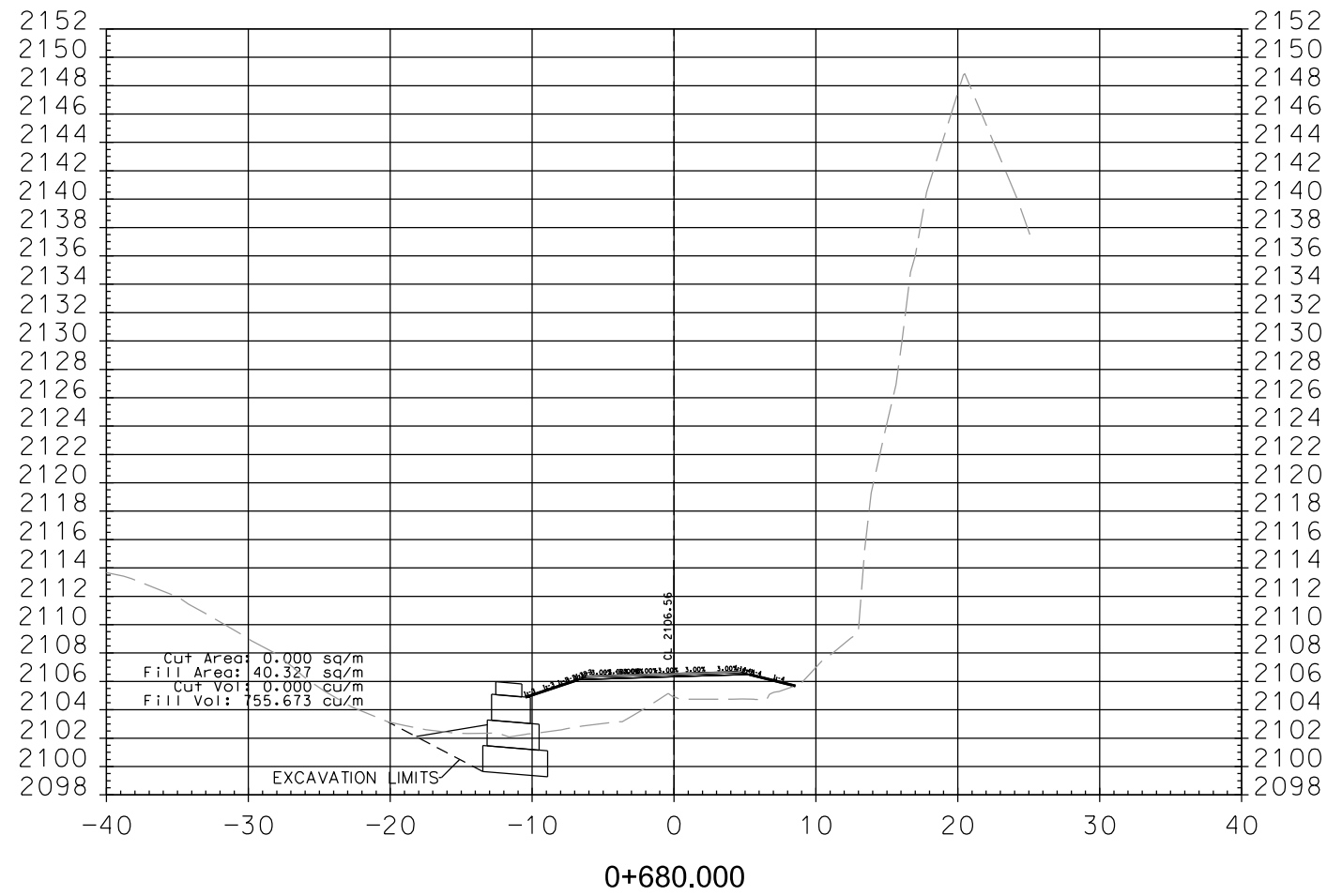
0+280.000

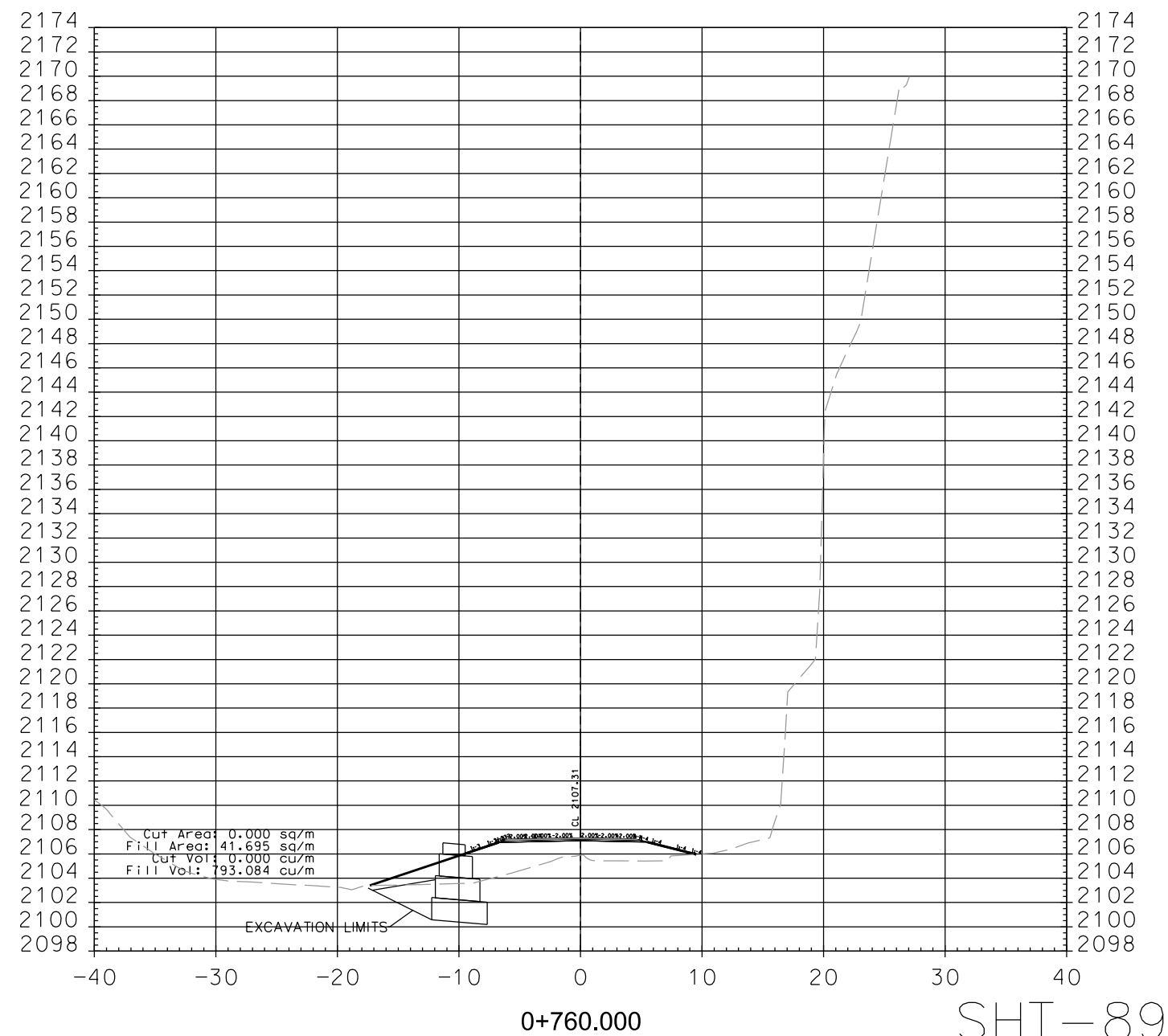
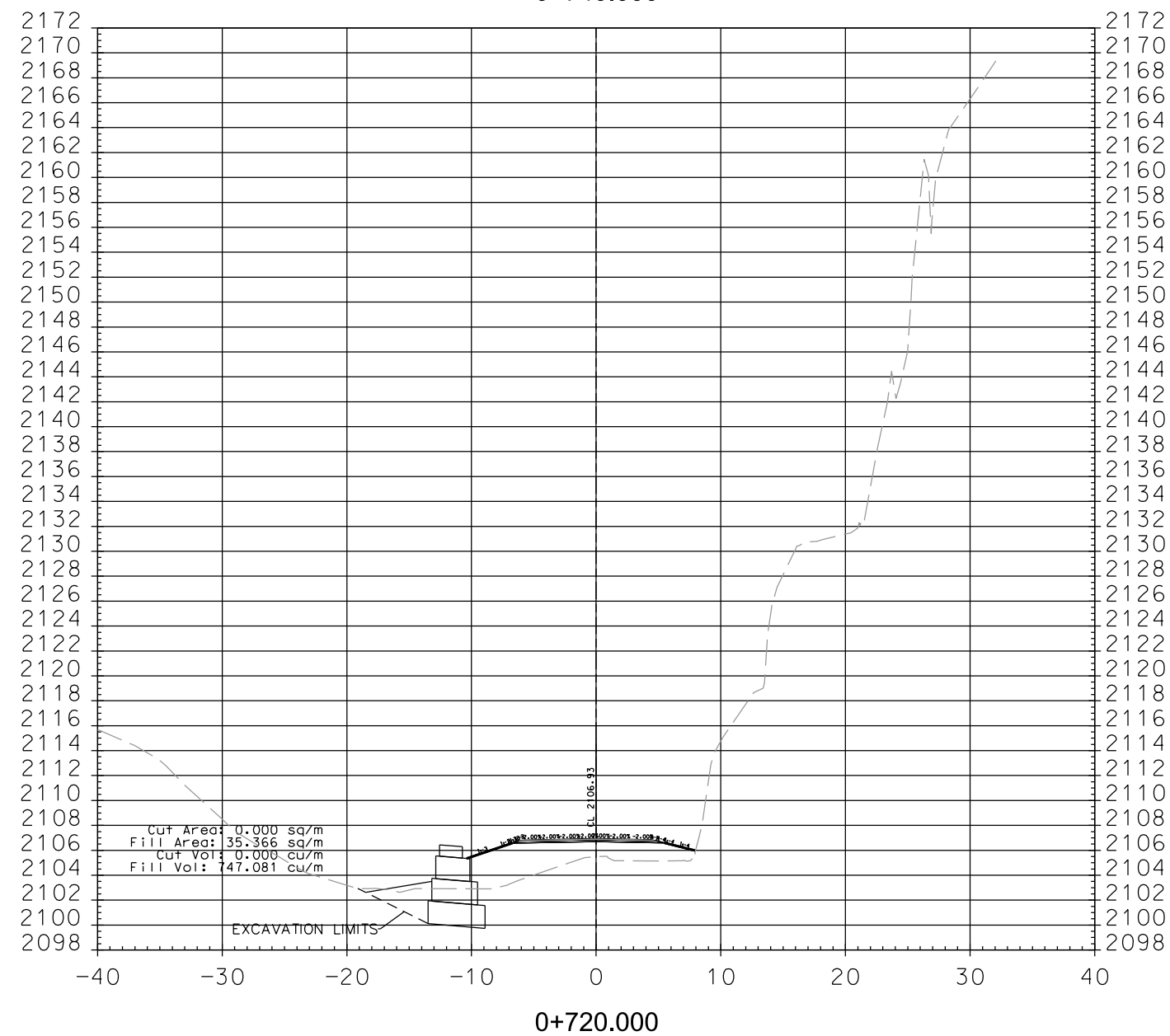
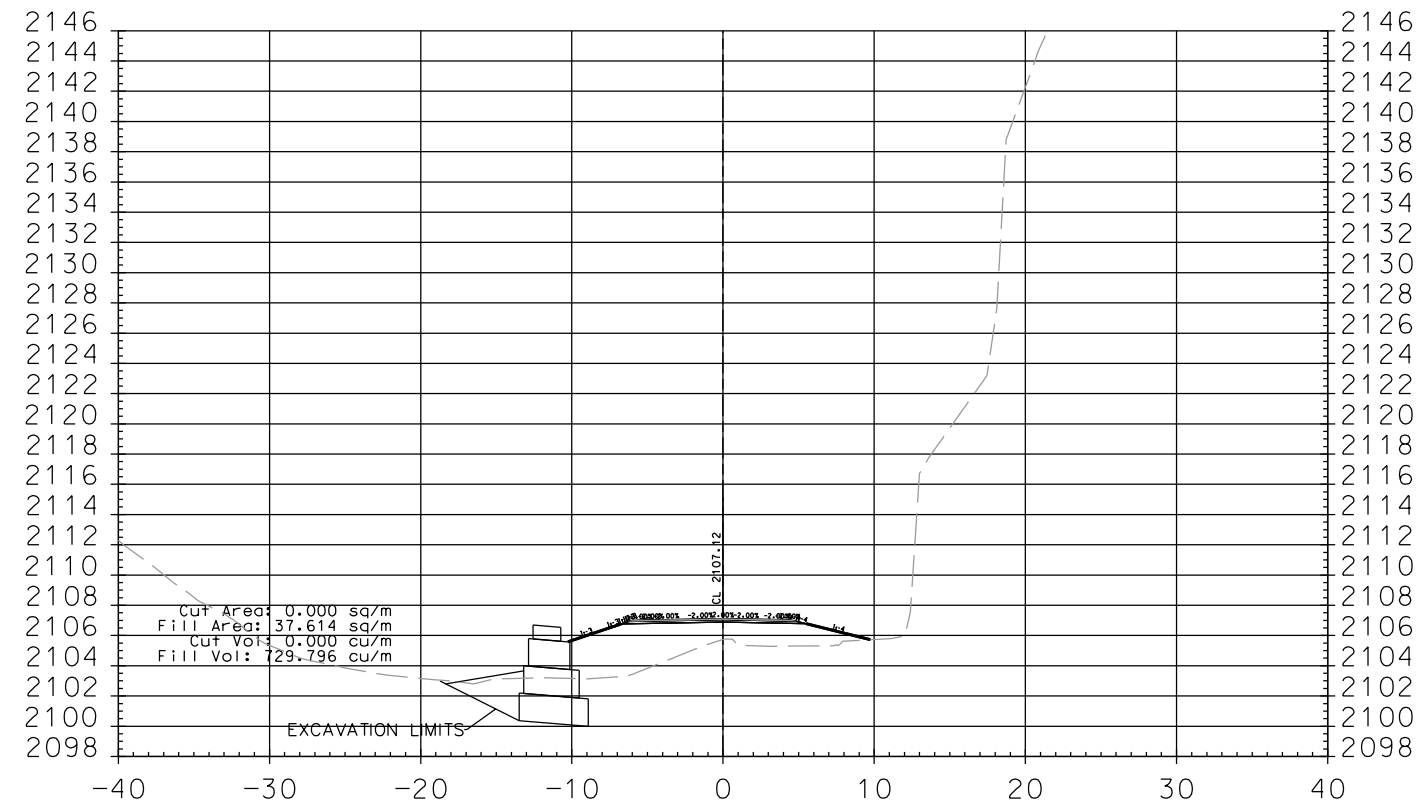


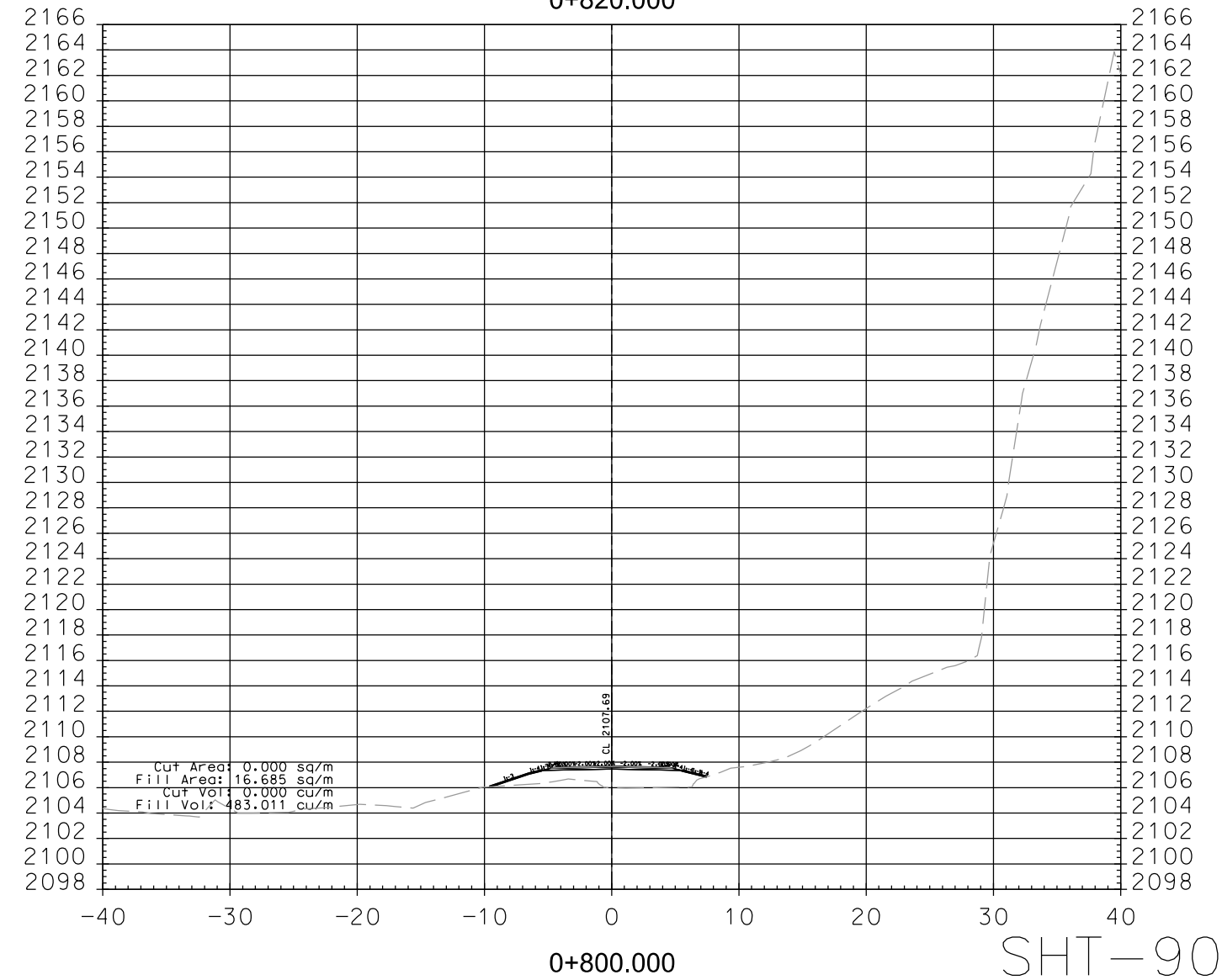
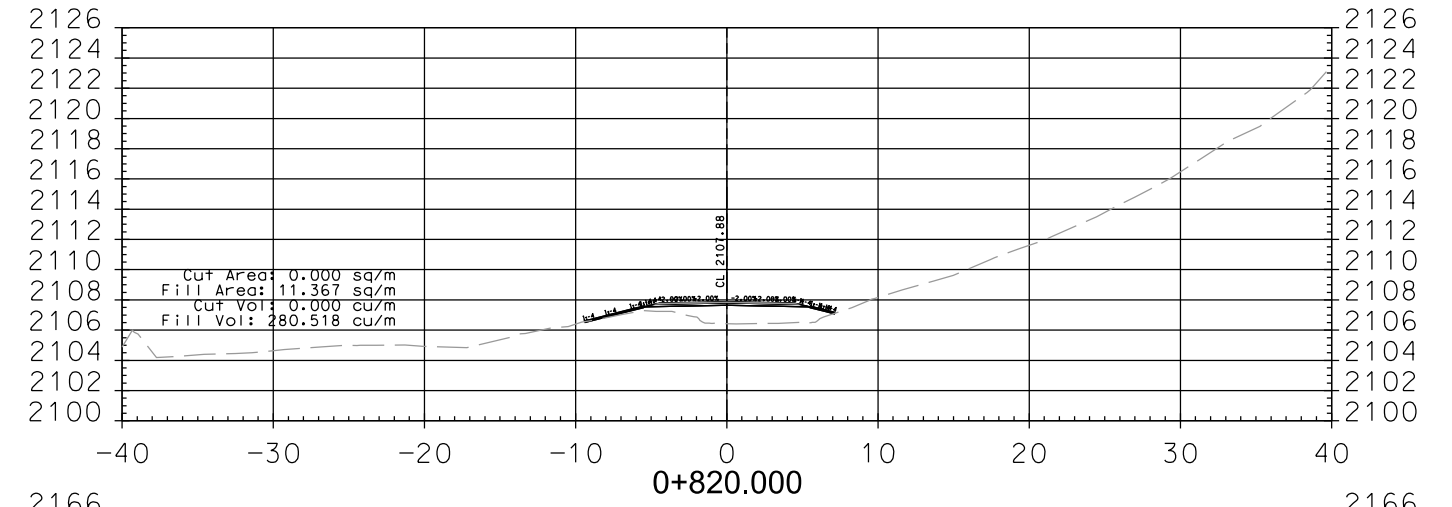
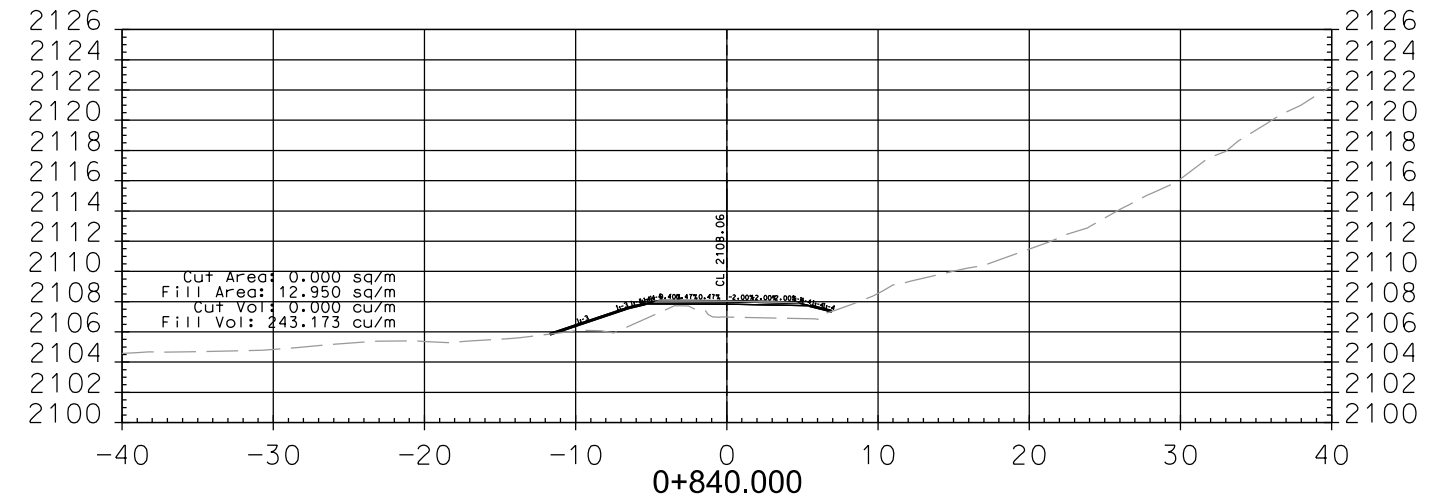
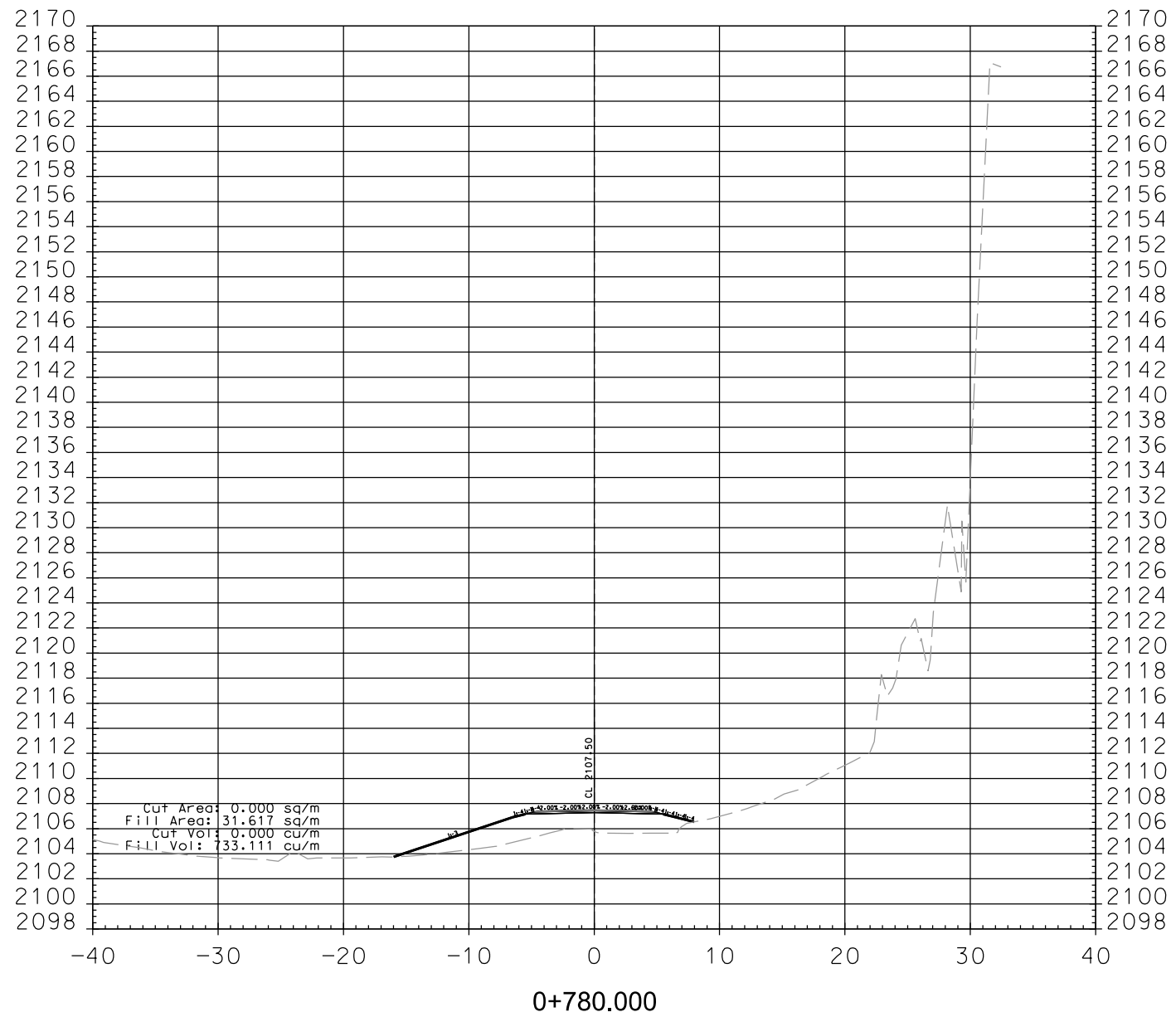


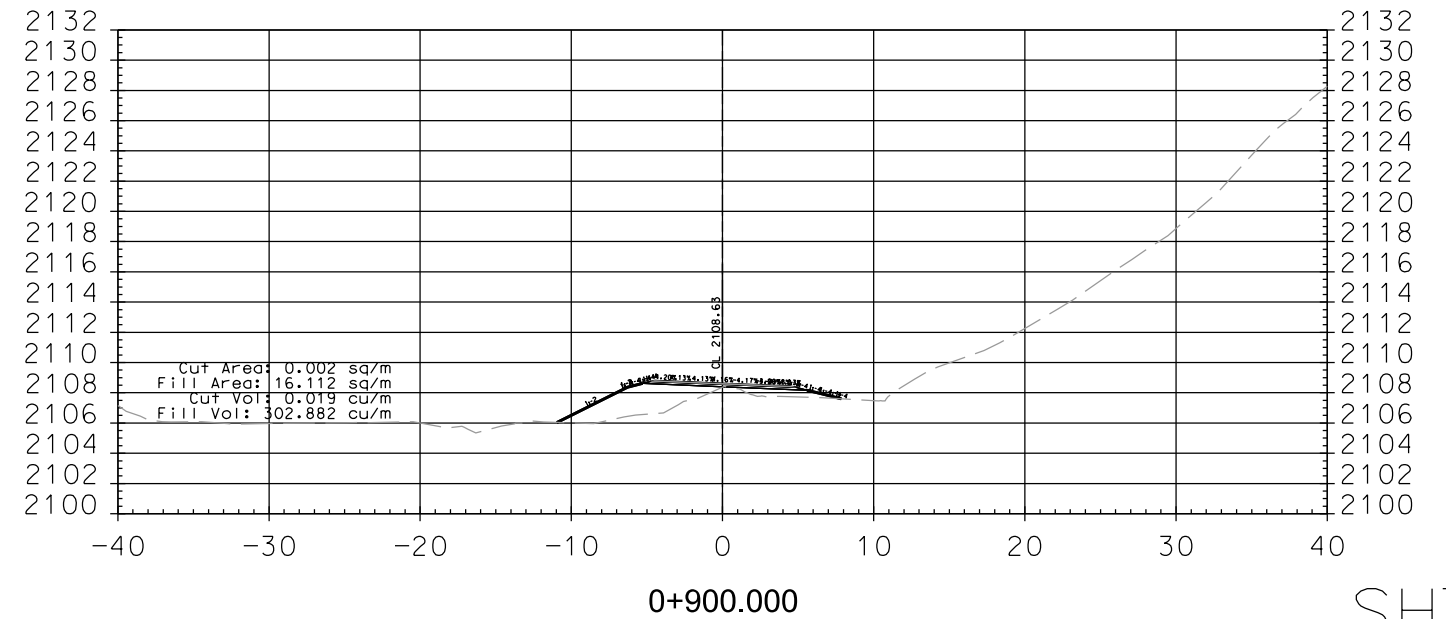
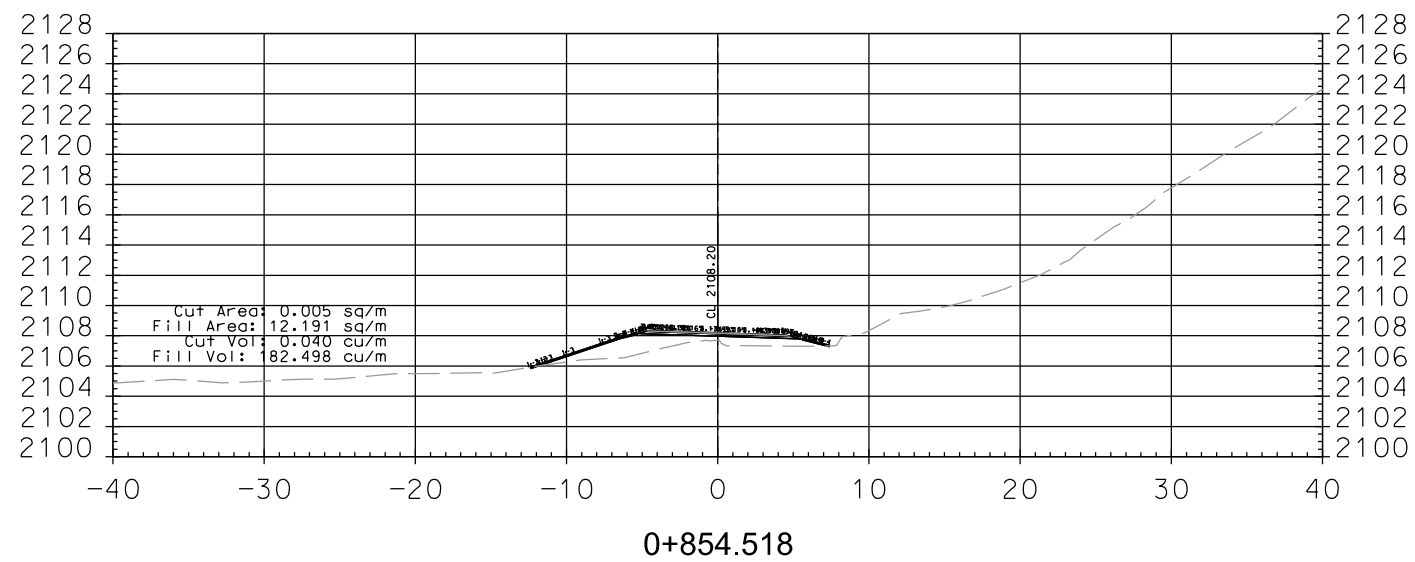
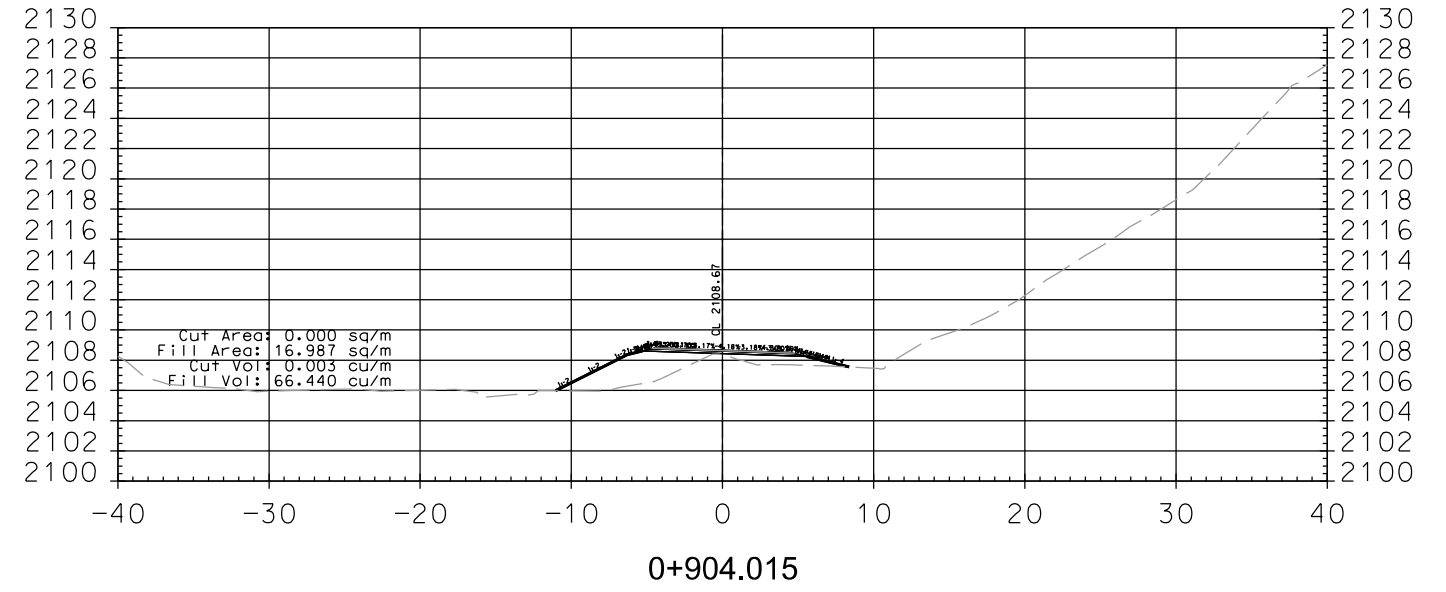
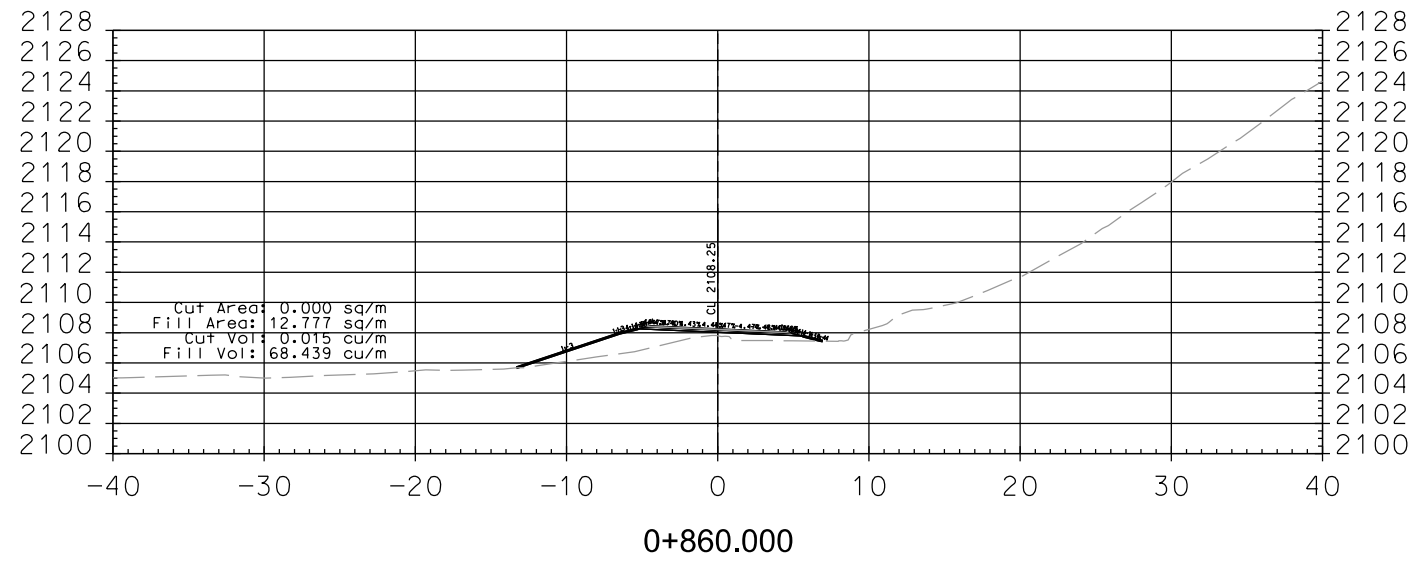
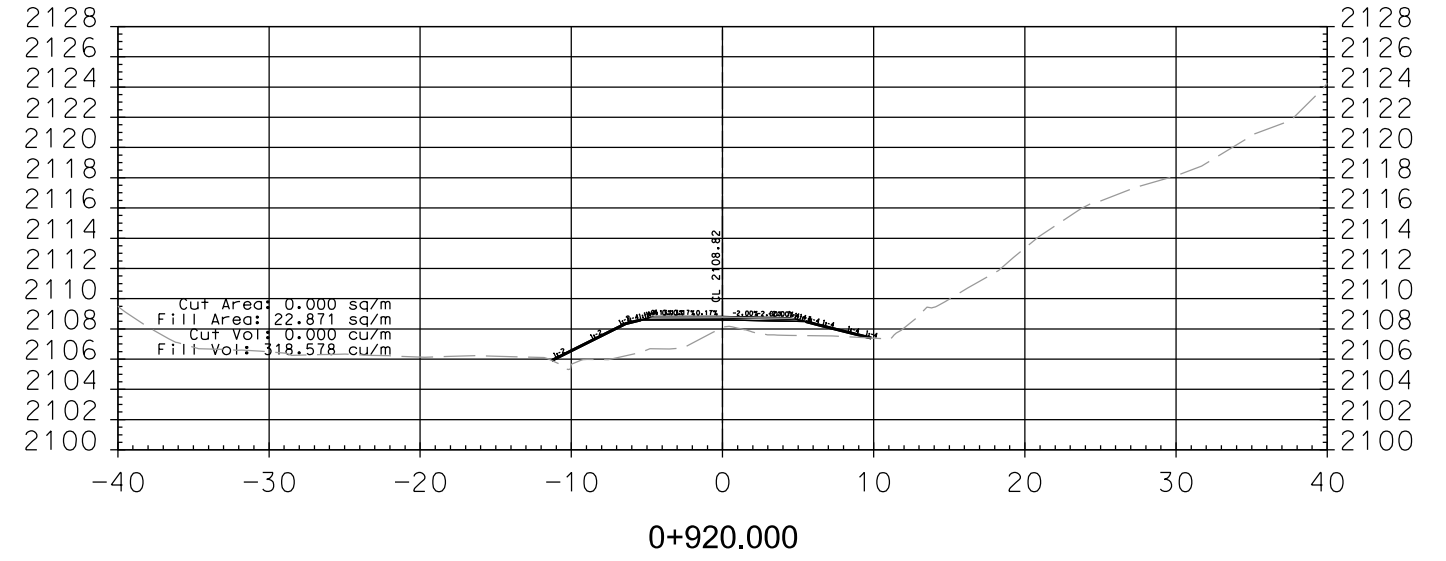
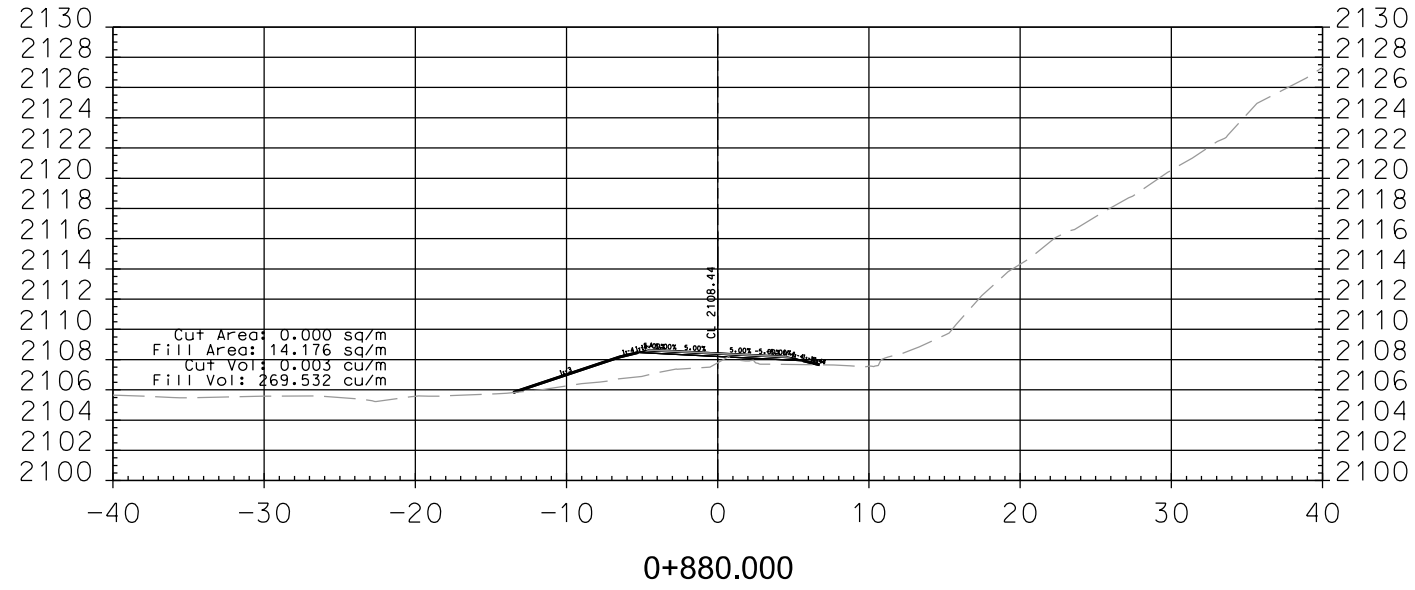


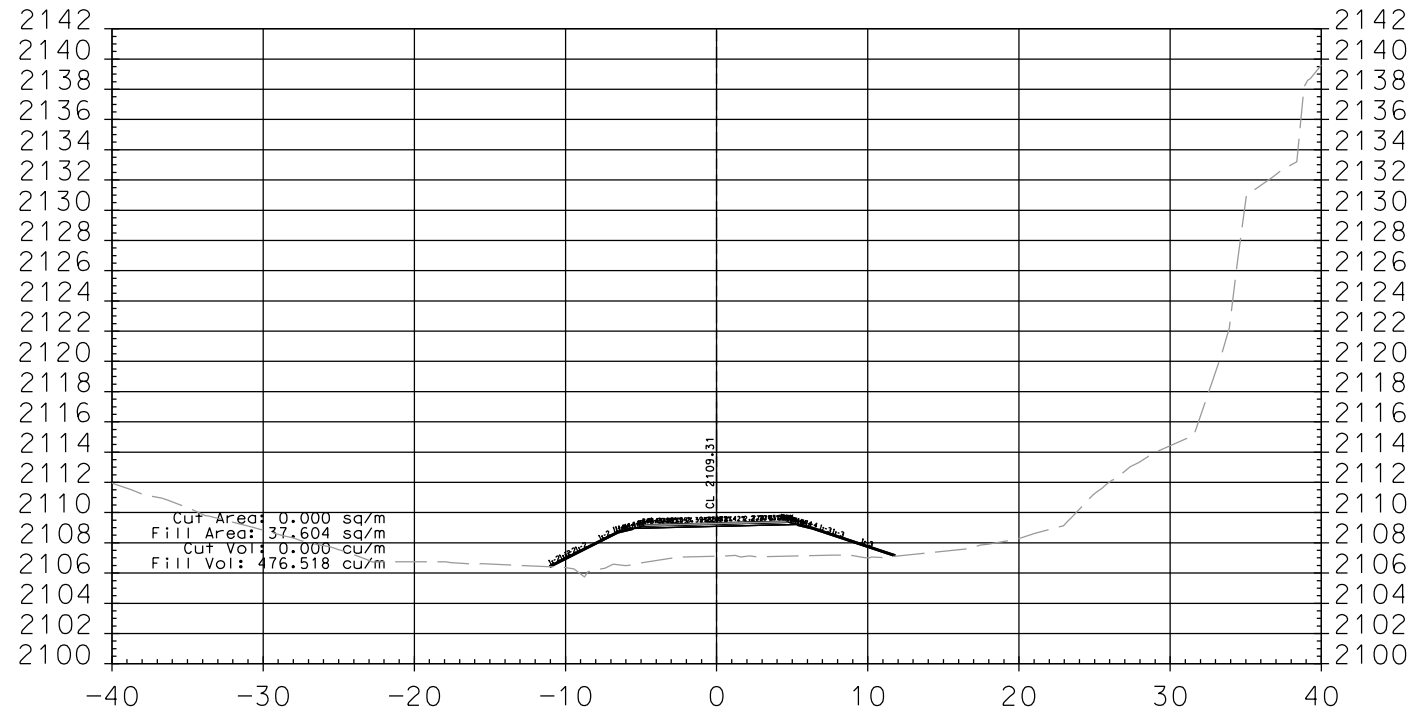




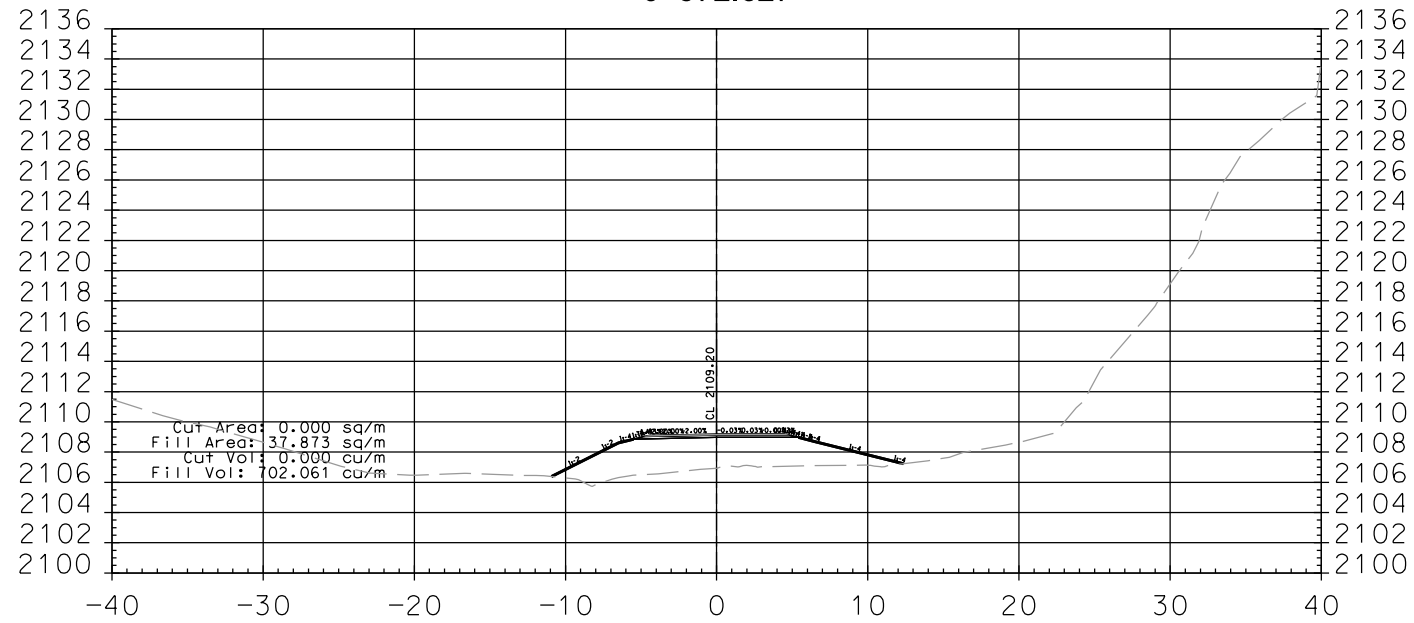




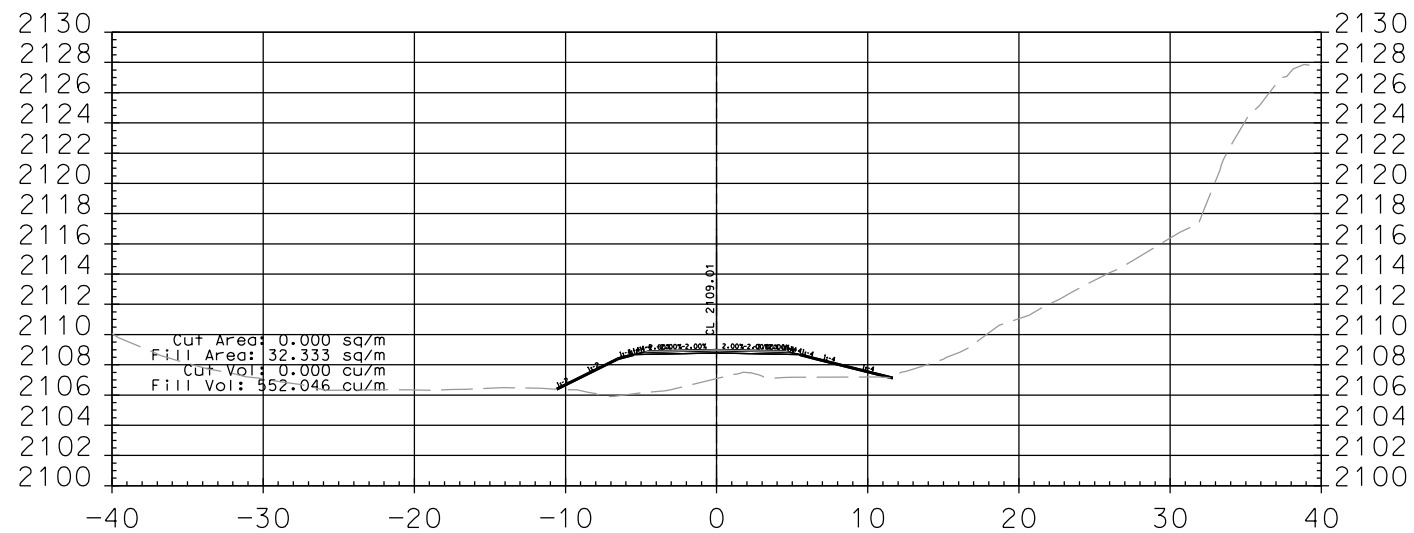




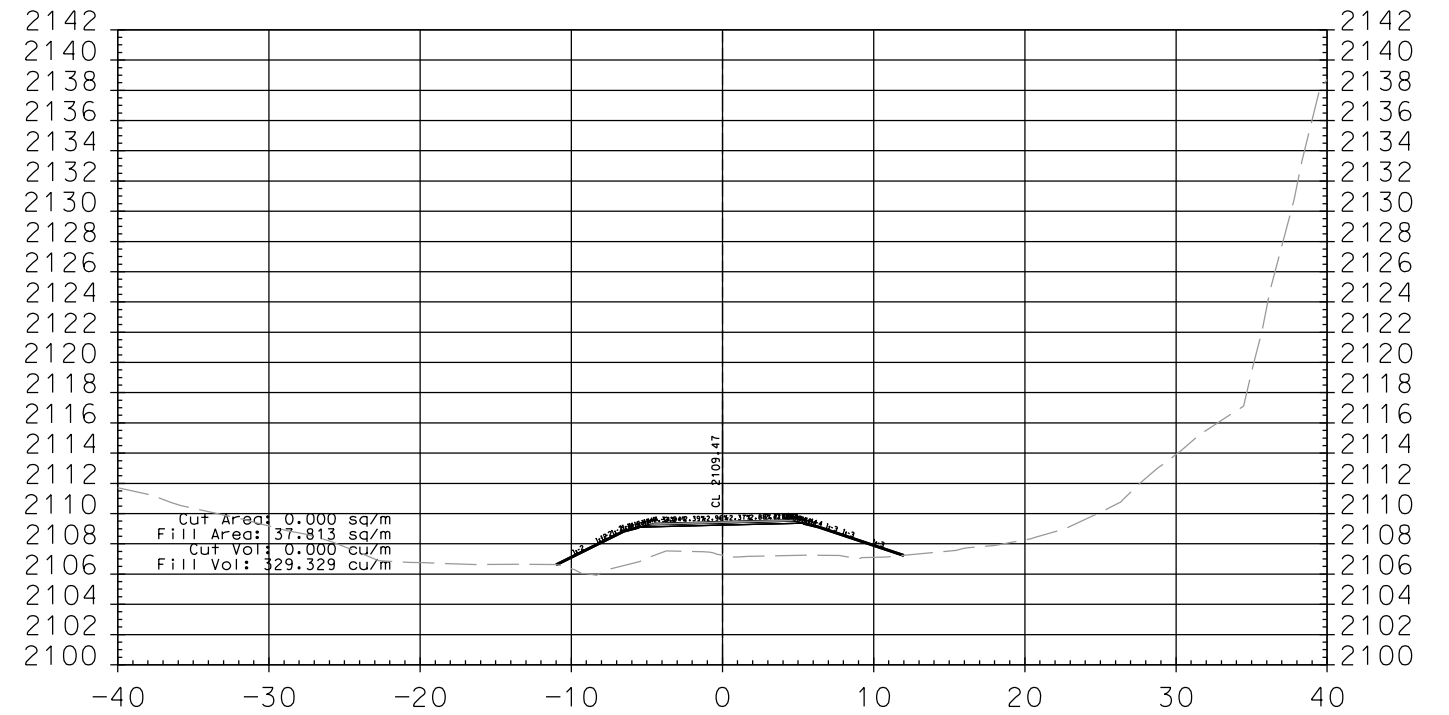
0+972.627



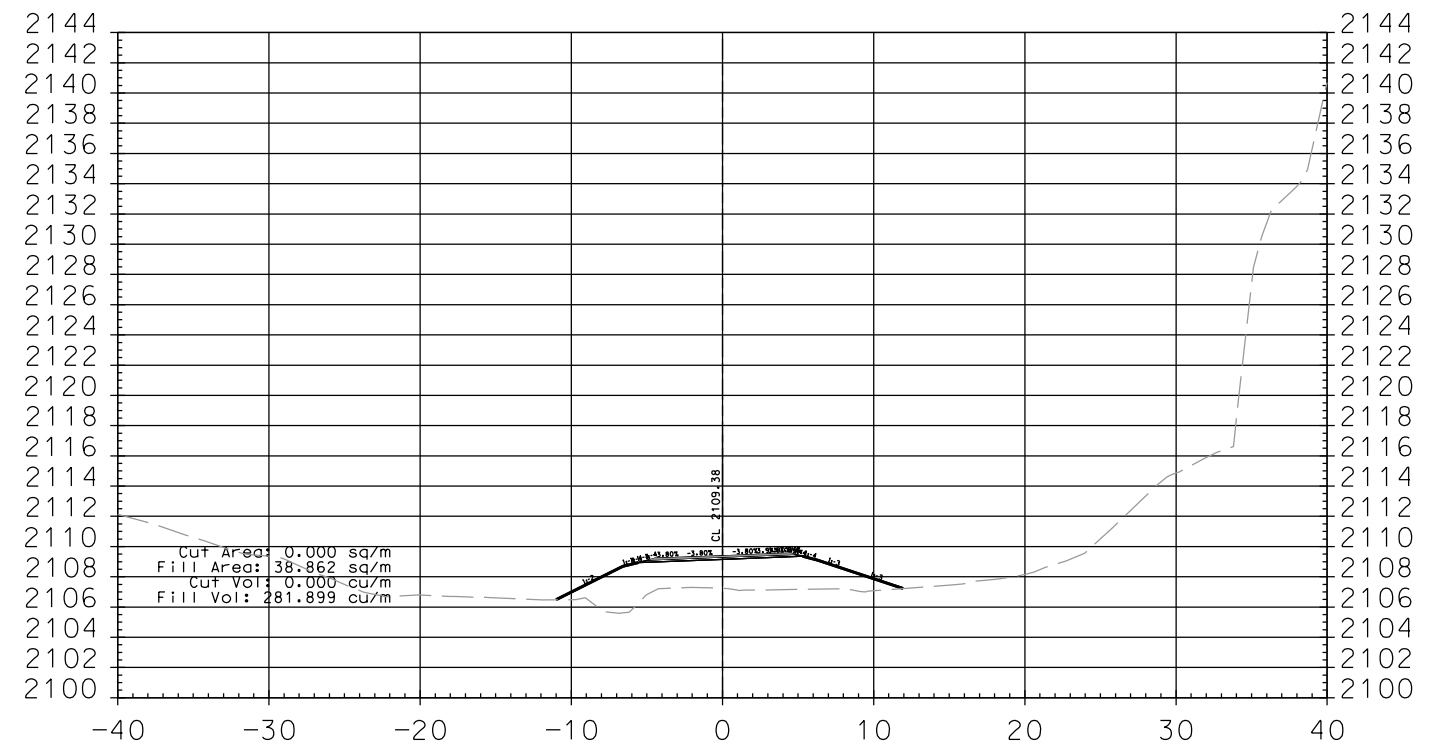
0+960.000



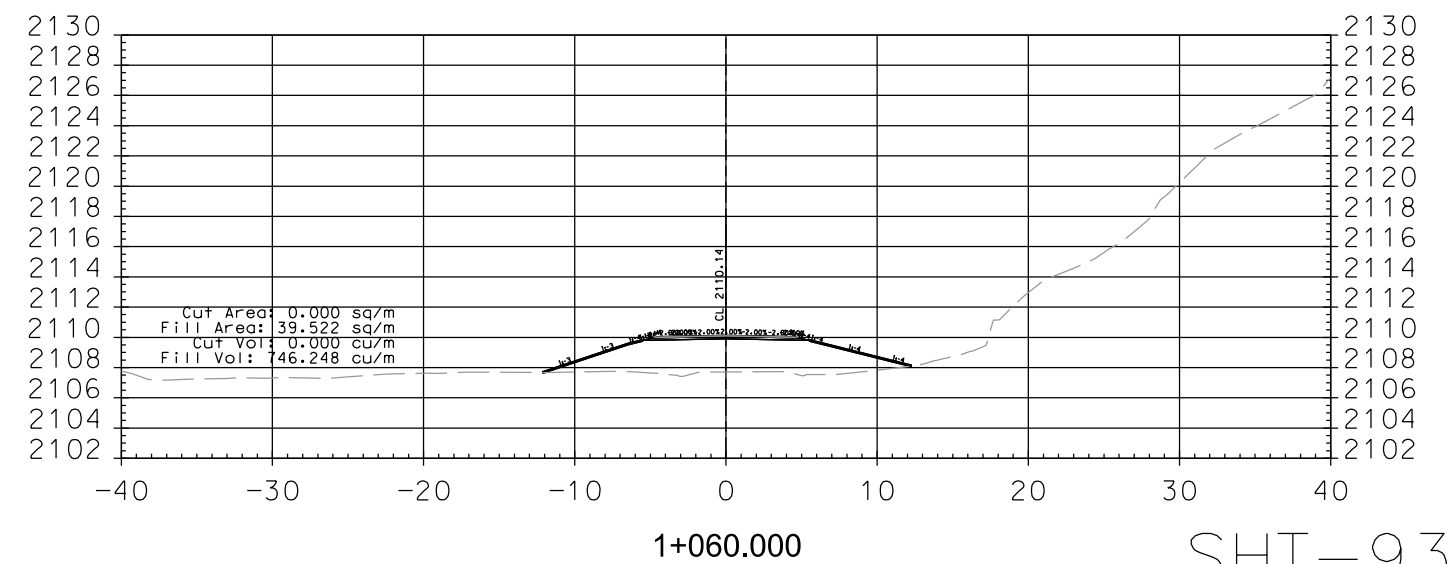
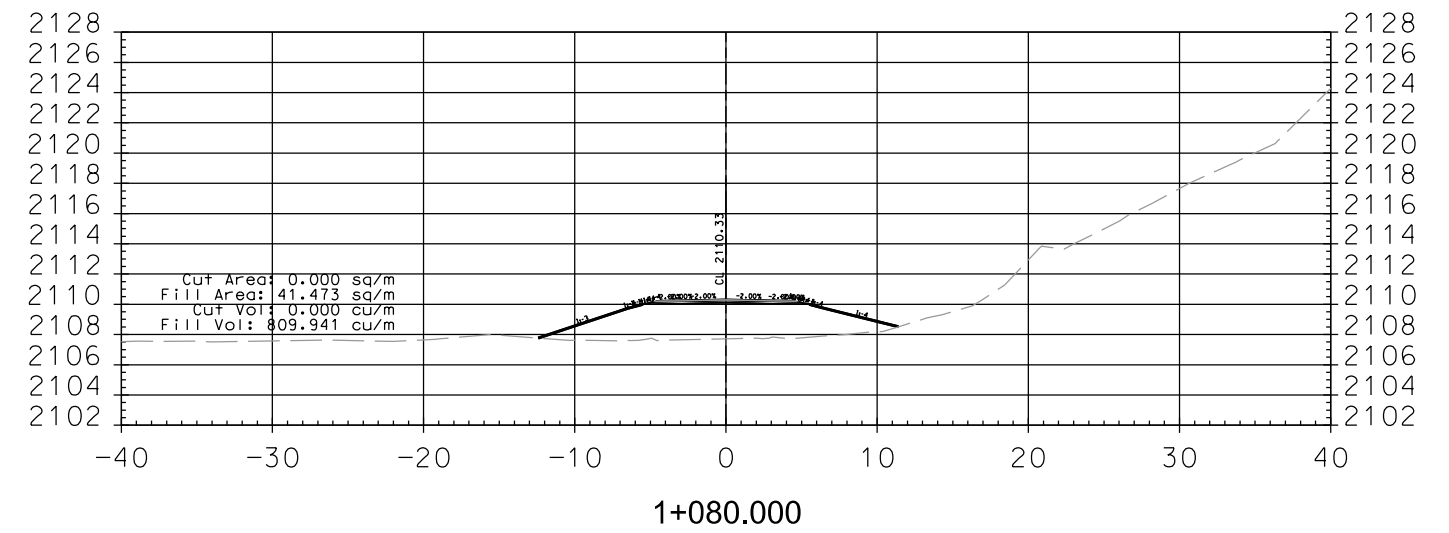
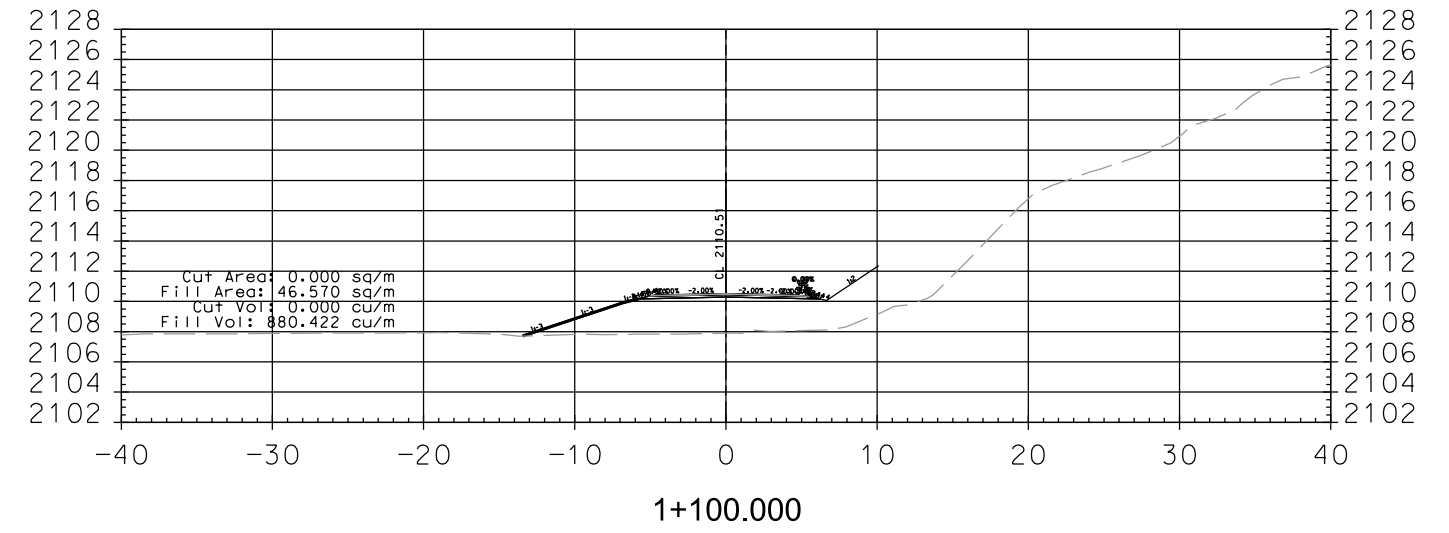
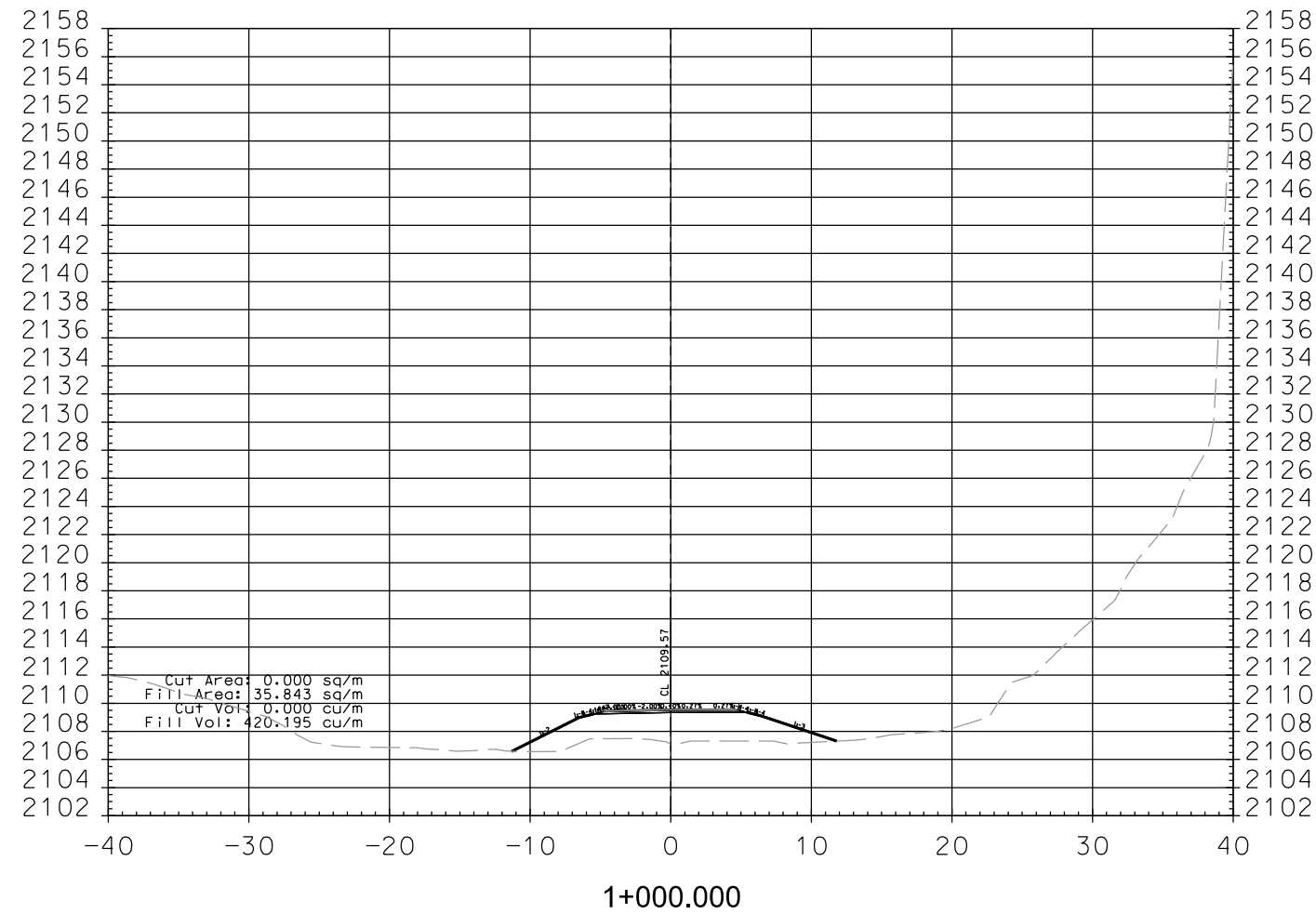
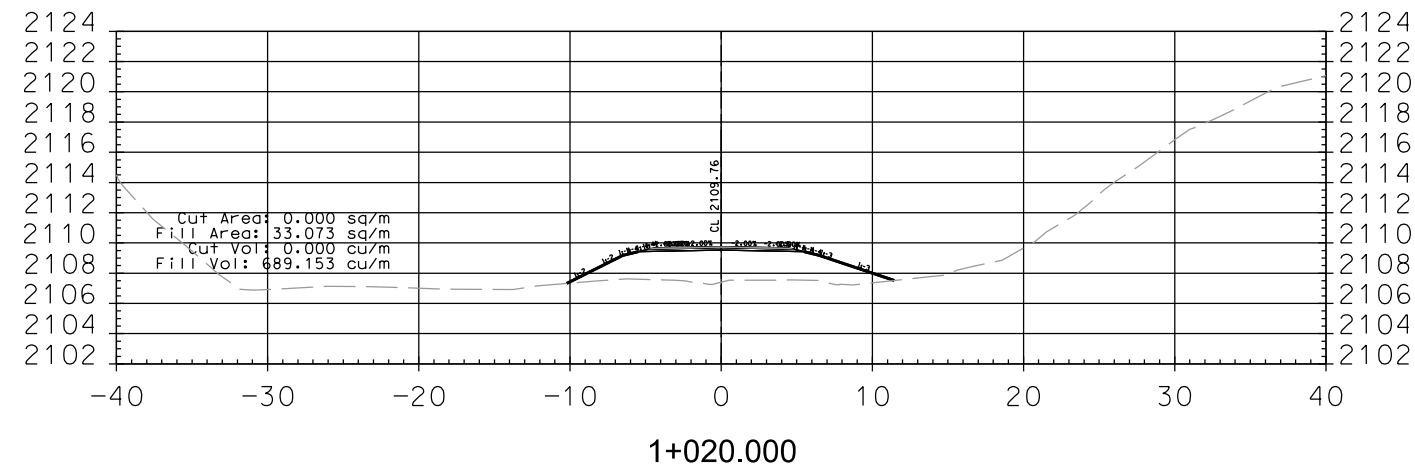
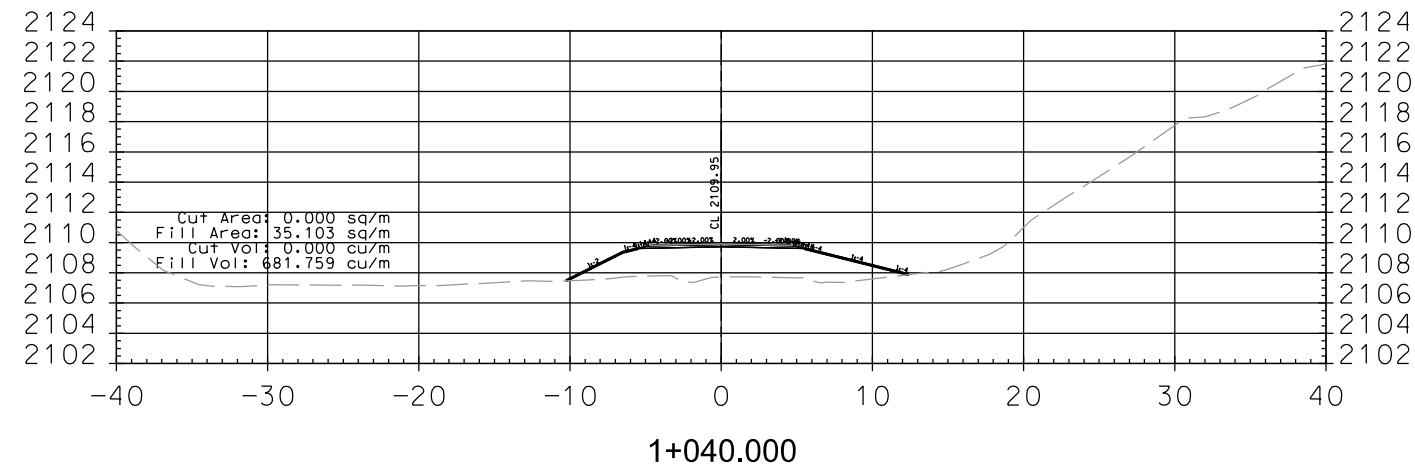
0+940.000

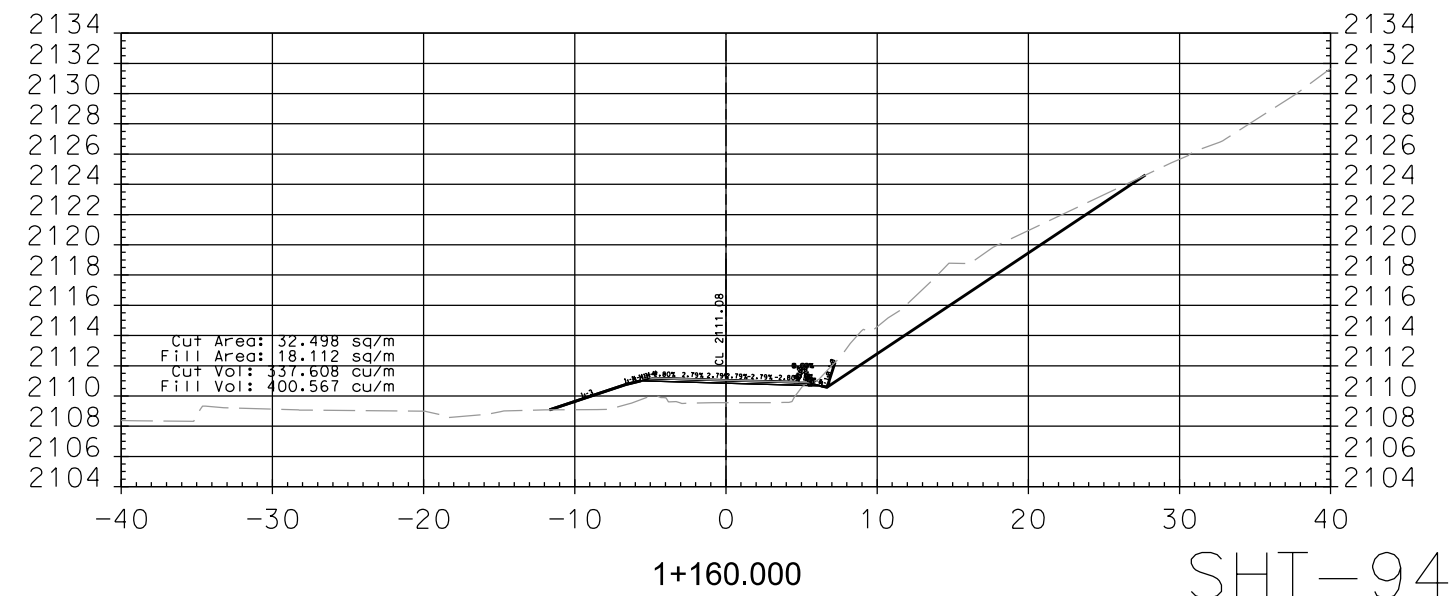
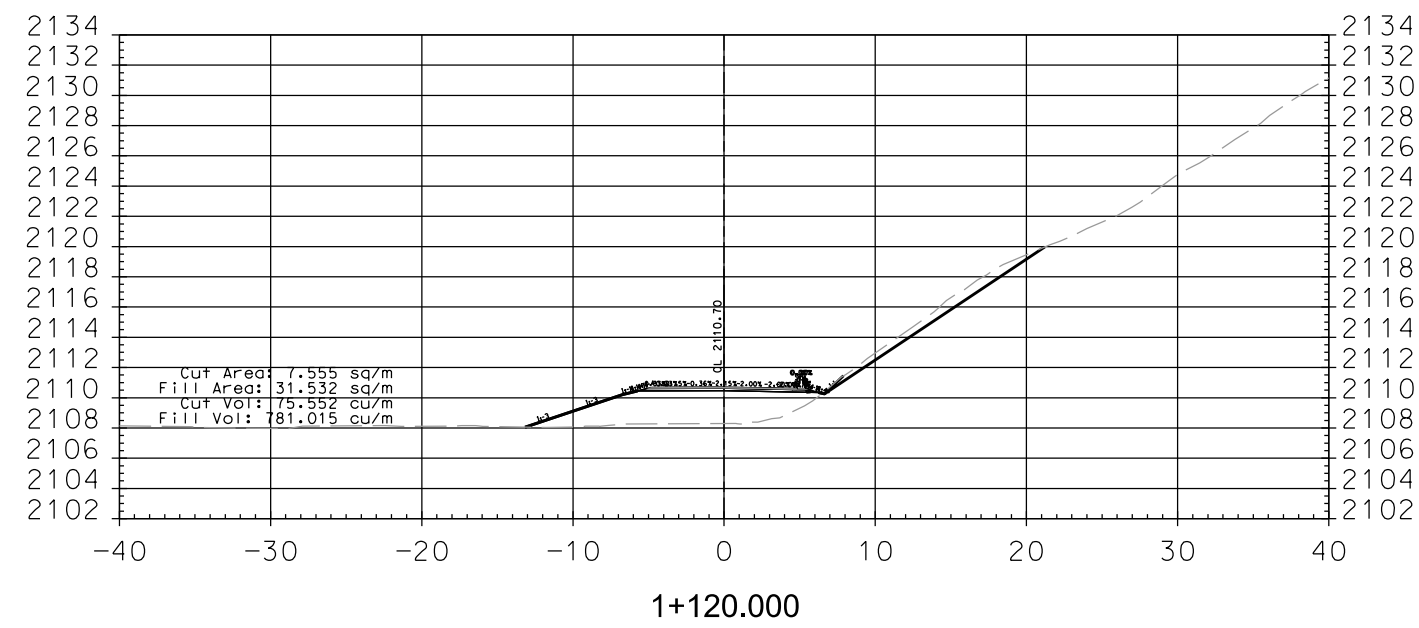
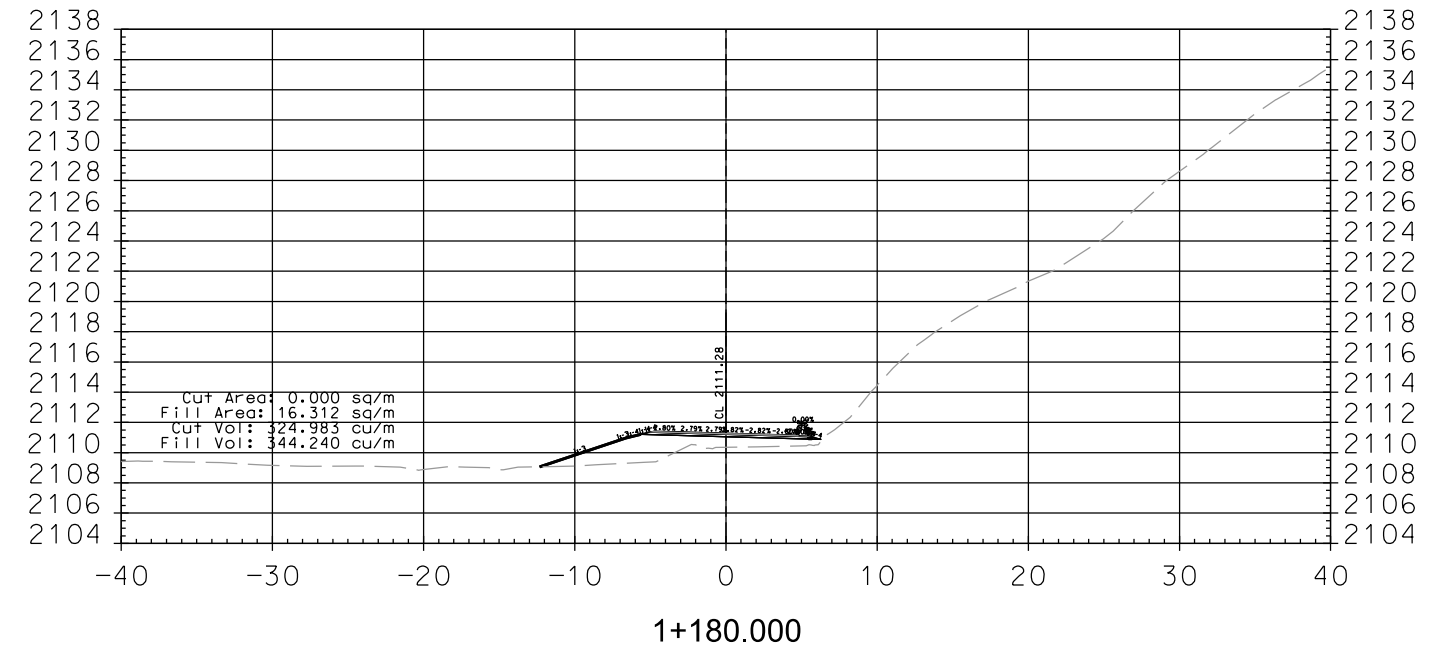
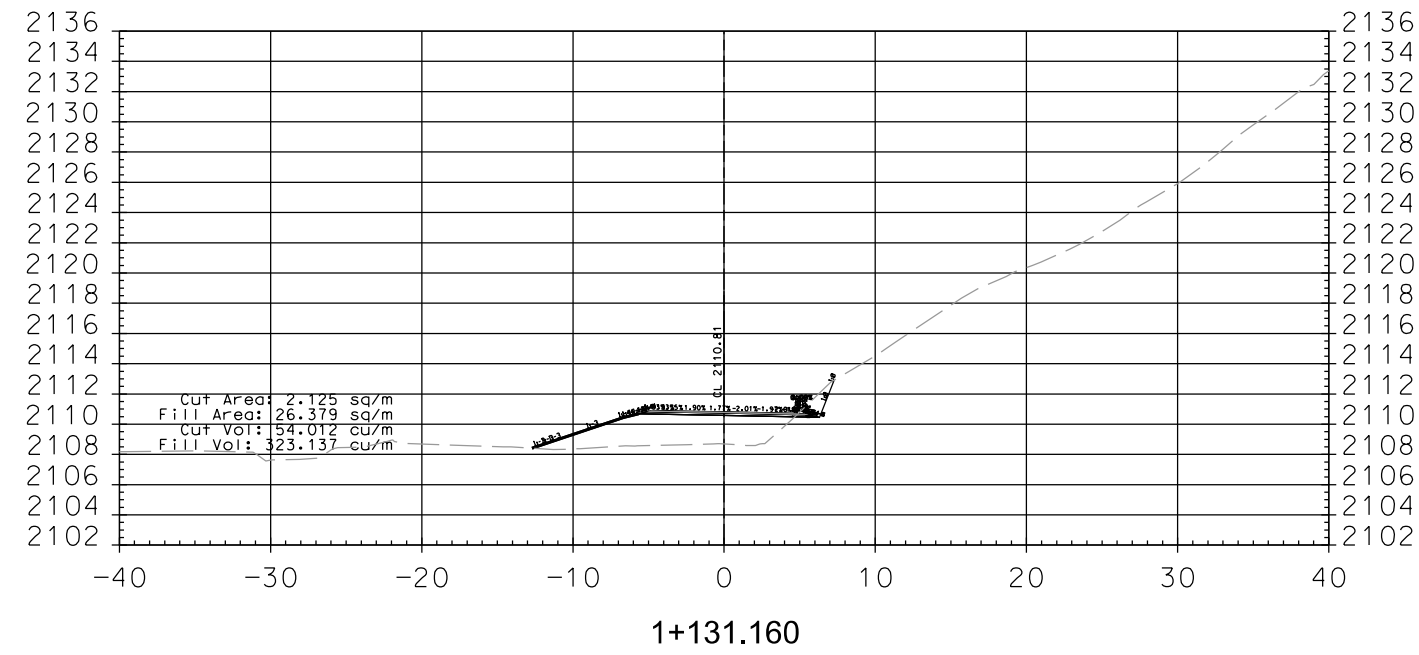
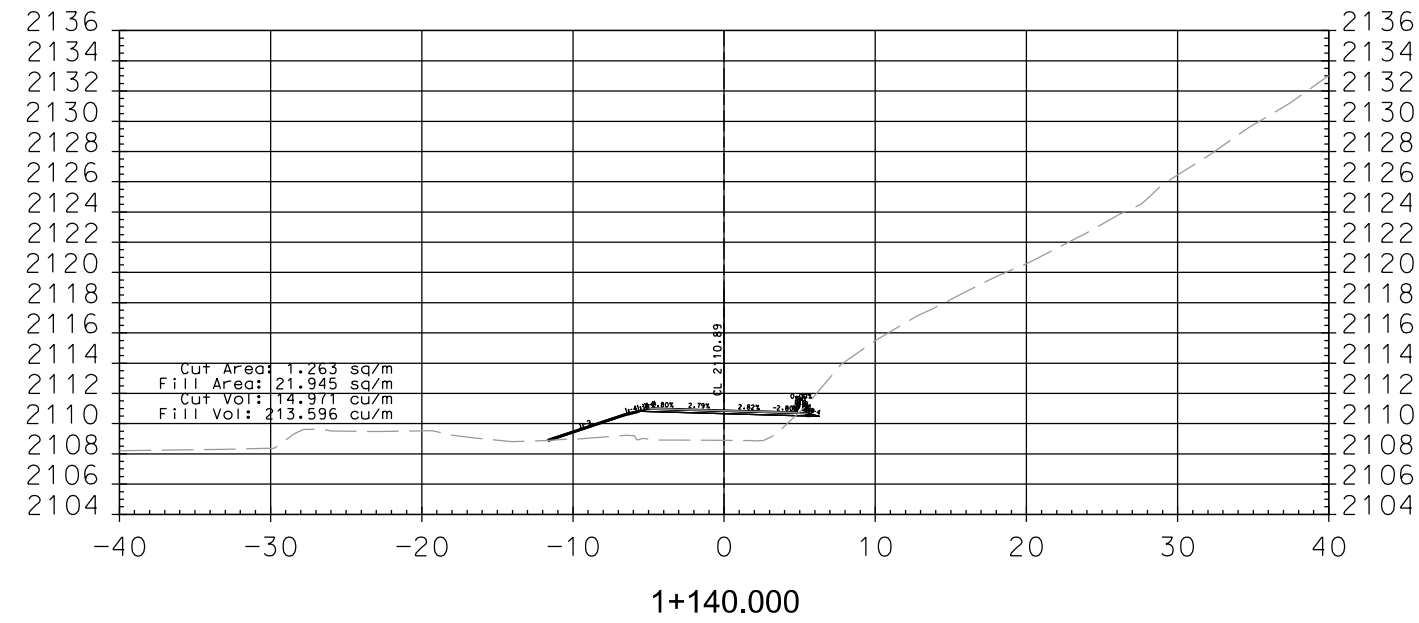


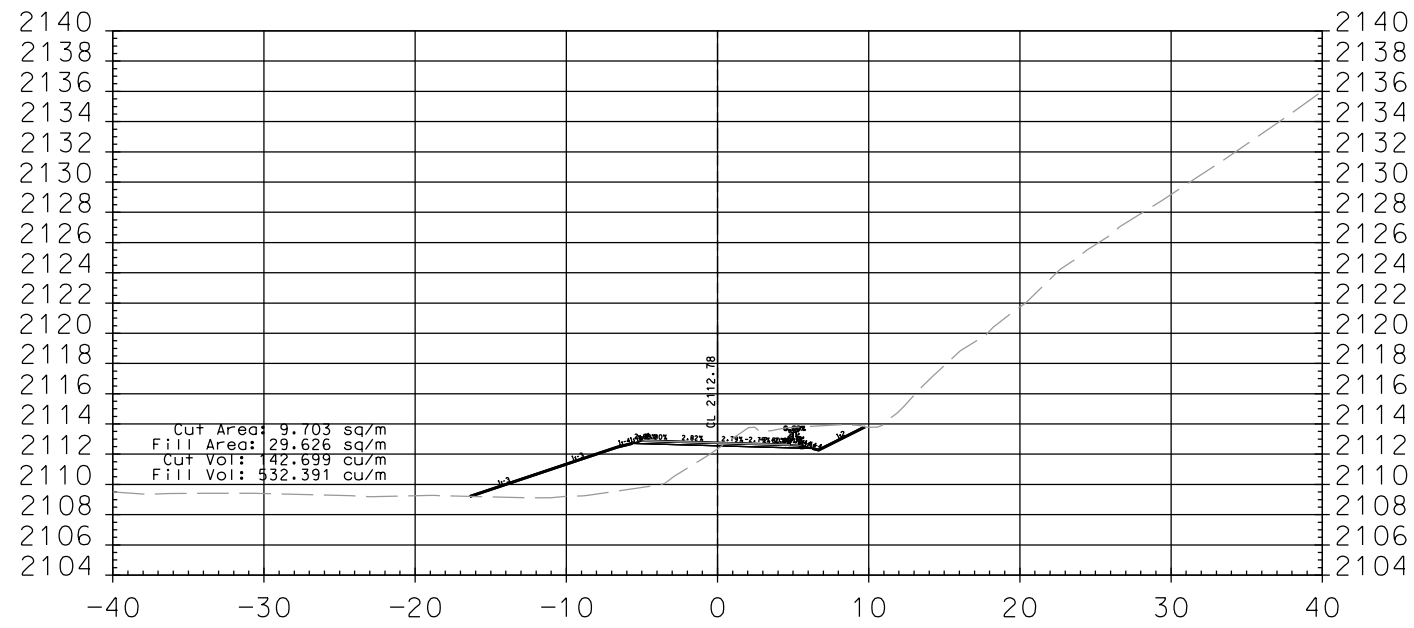
0+988.590



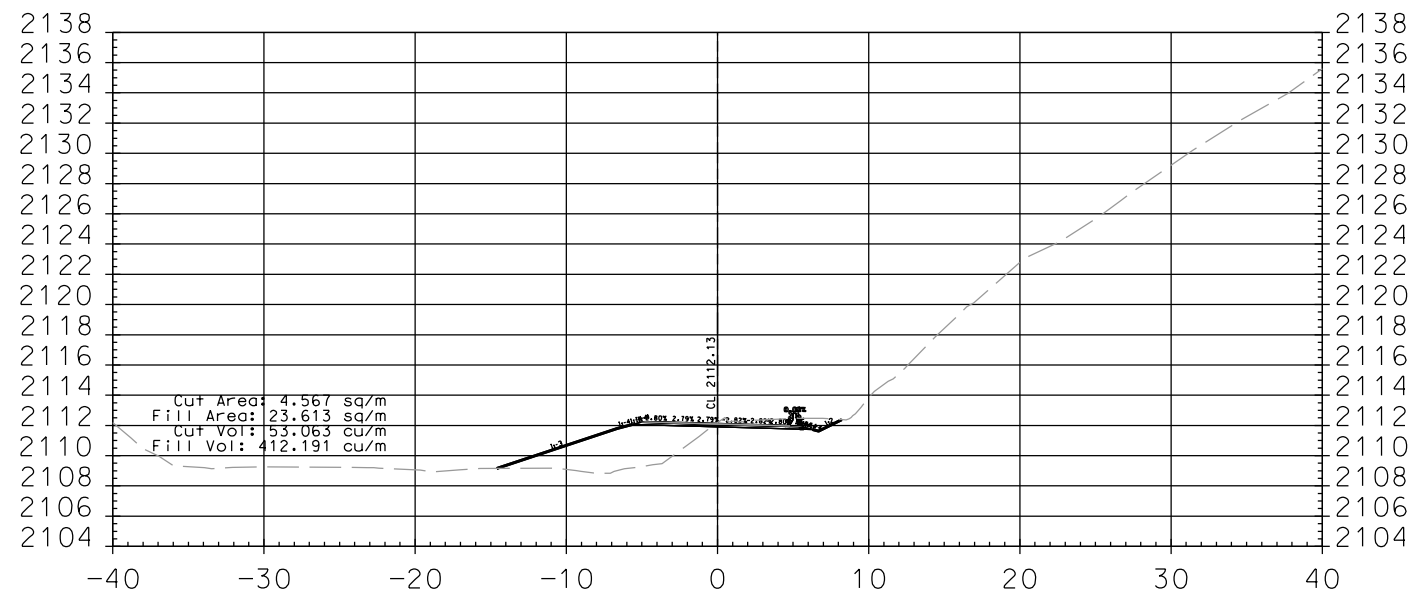
0+980.000



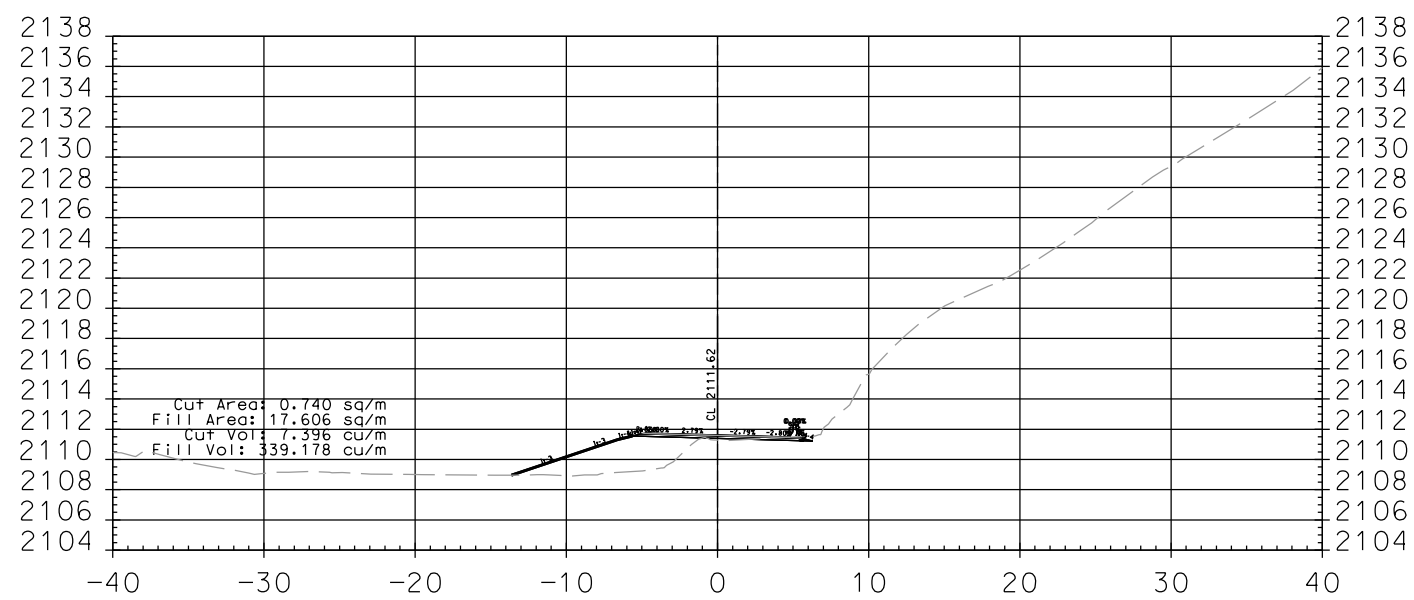




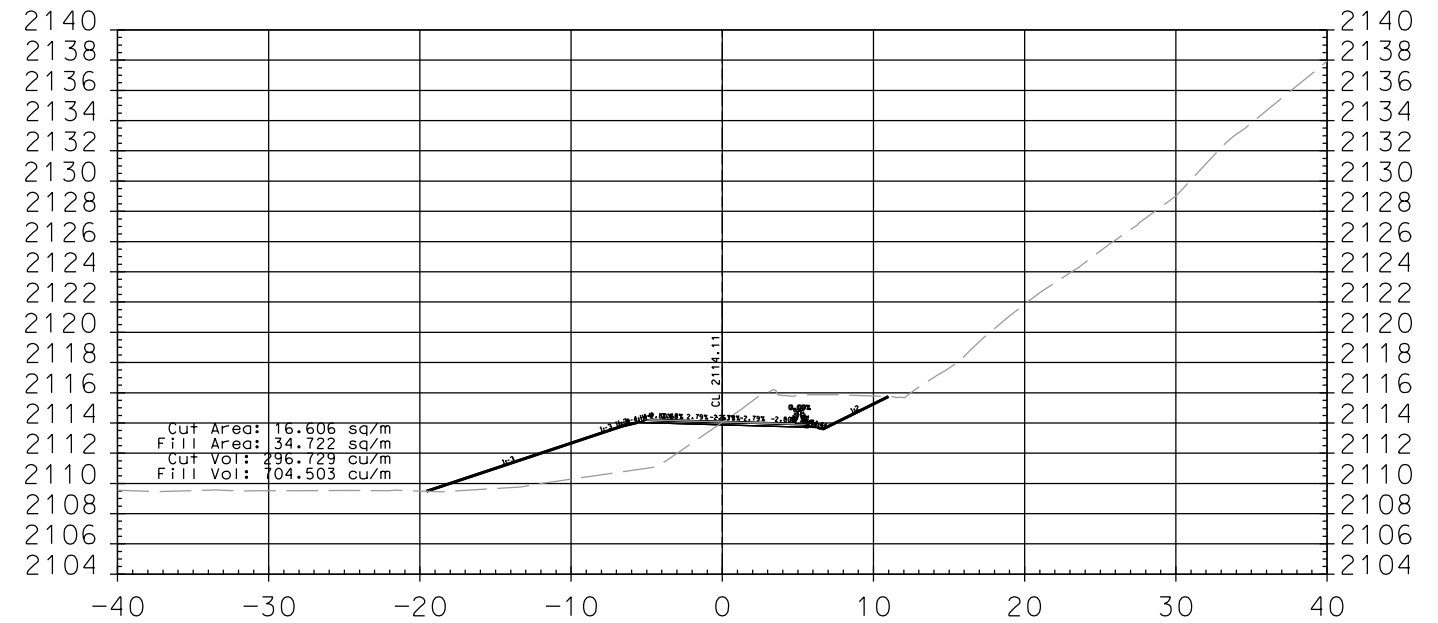
1+240.000



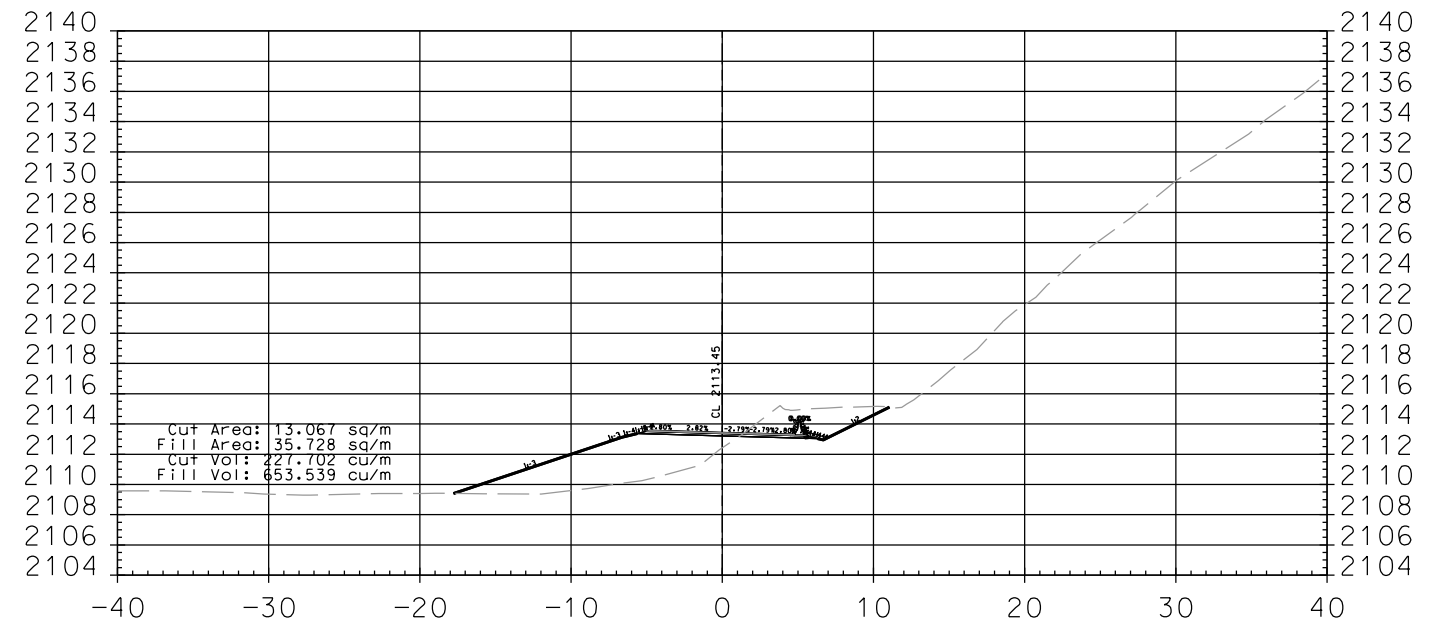
1+220.000



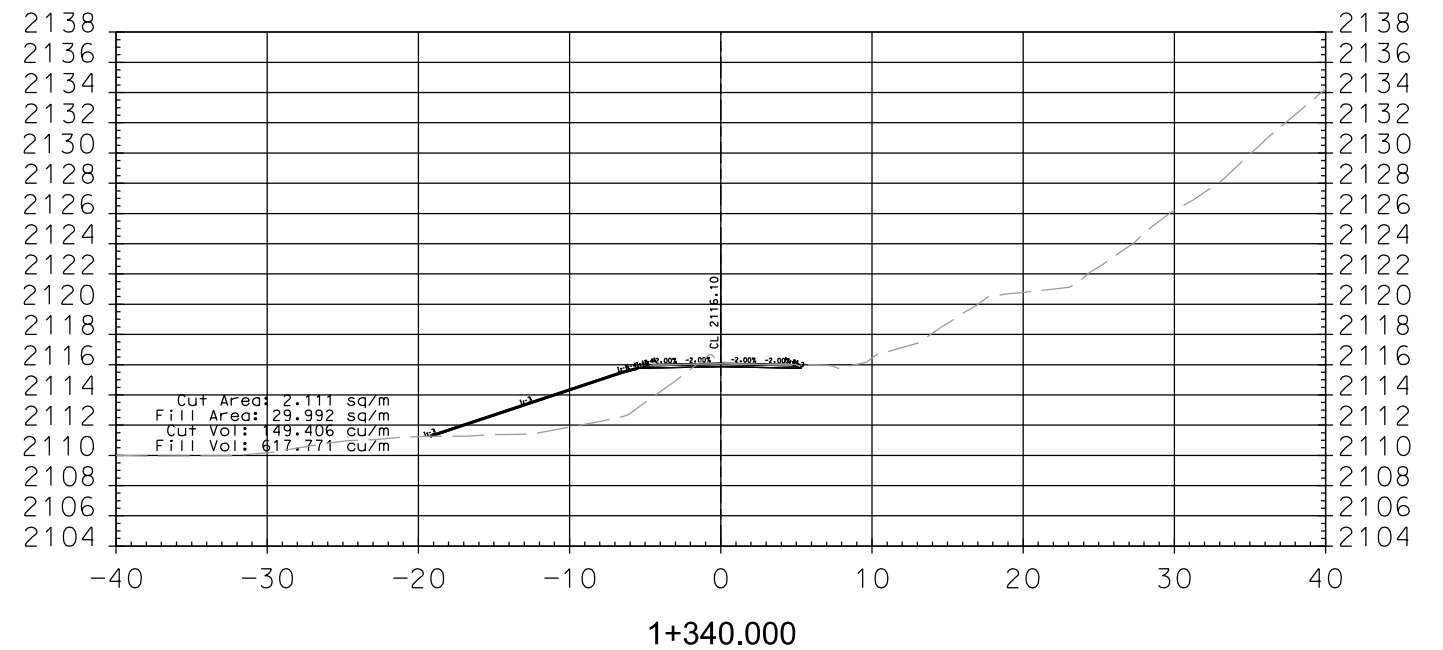
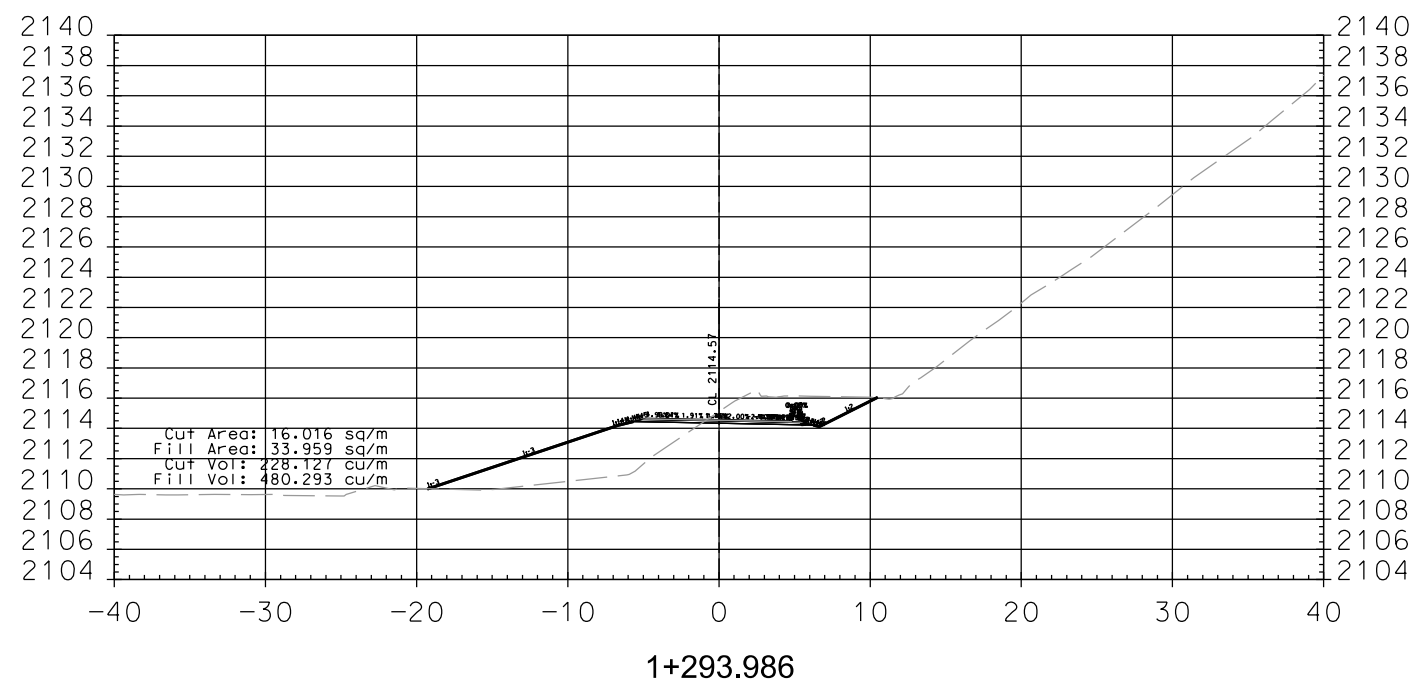
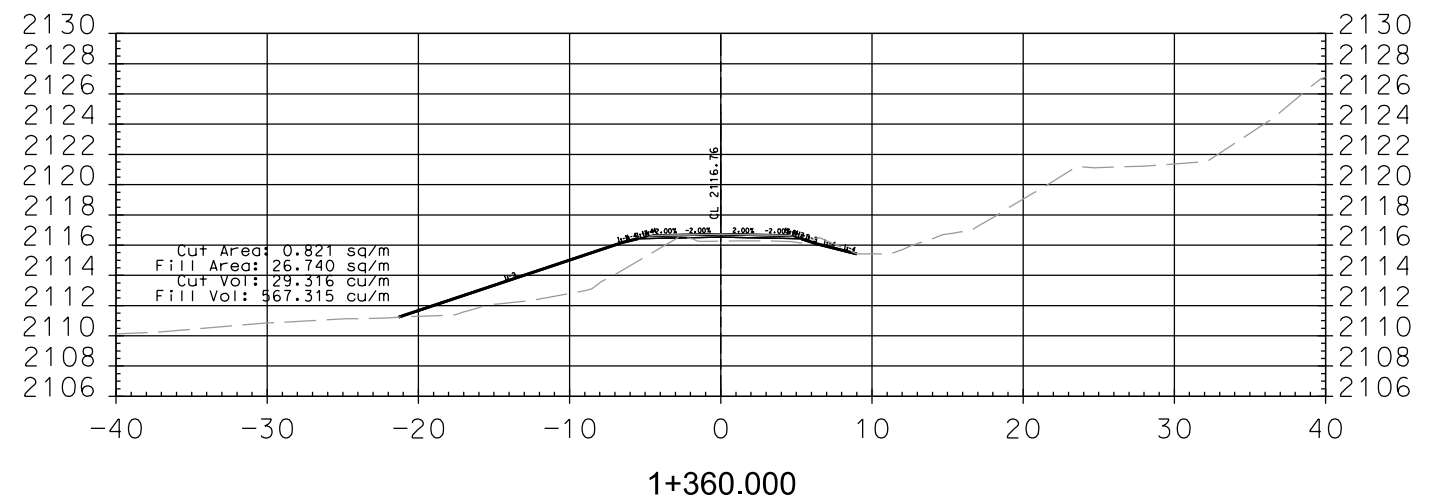
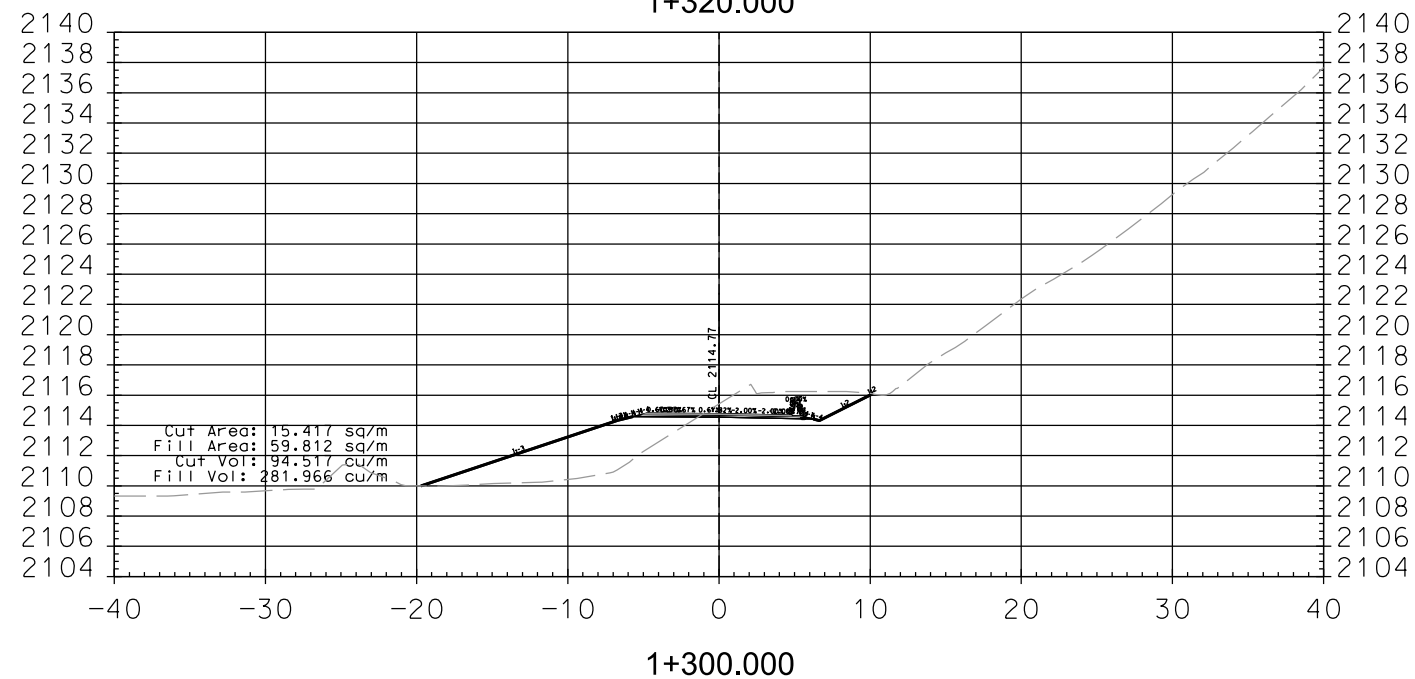
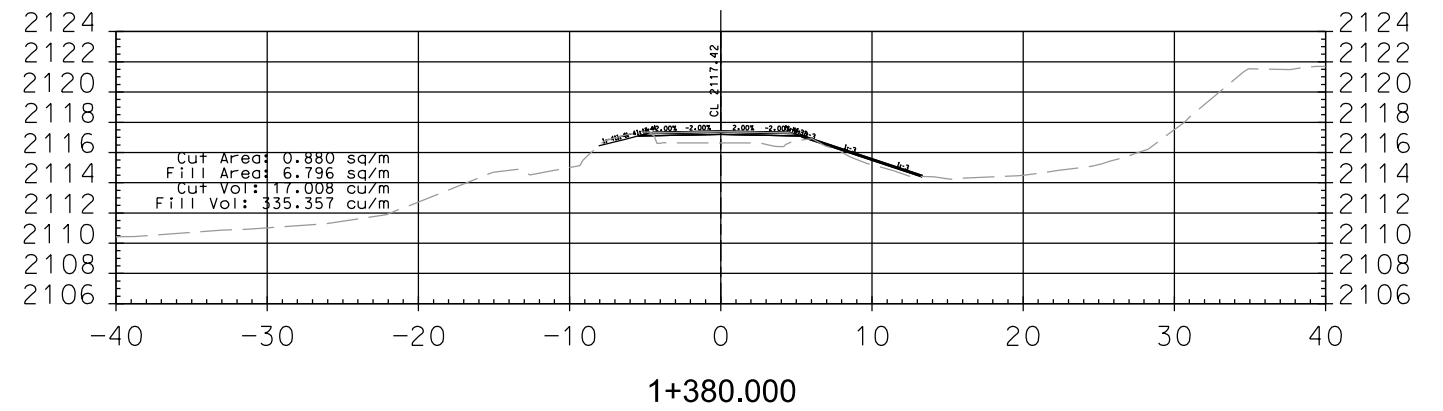
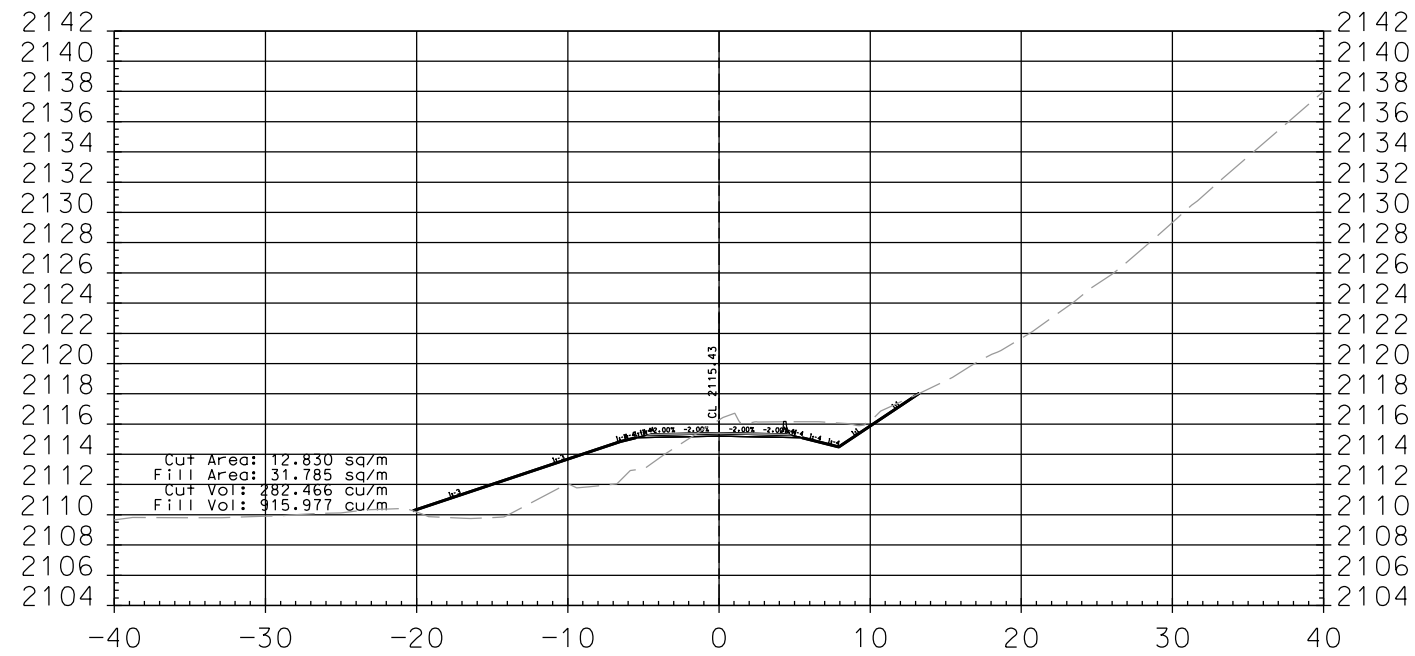
1+200.000

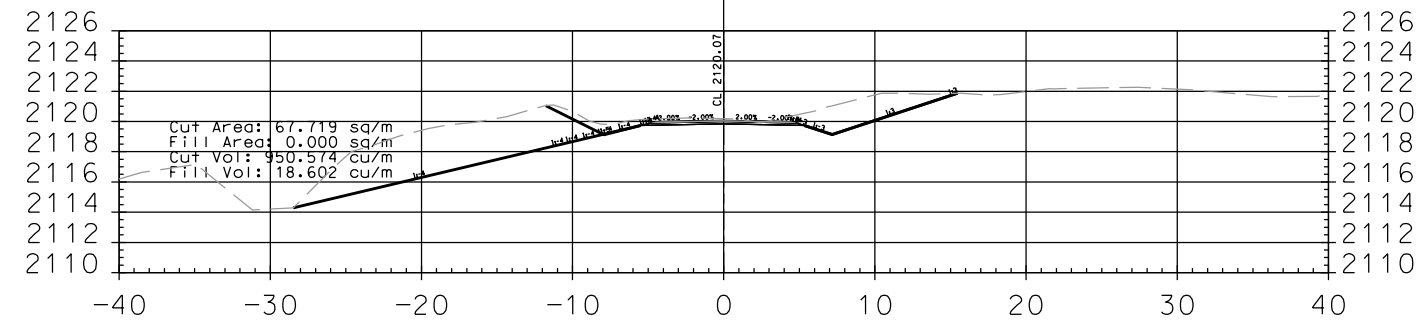


1+280.000

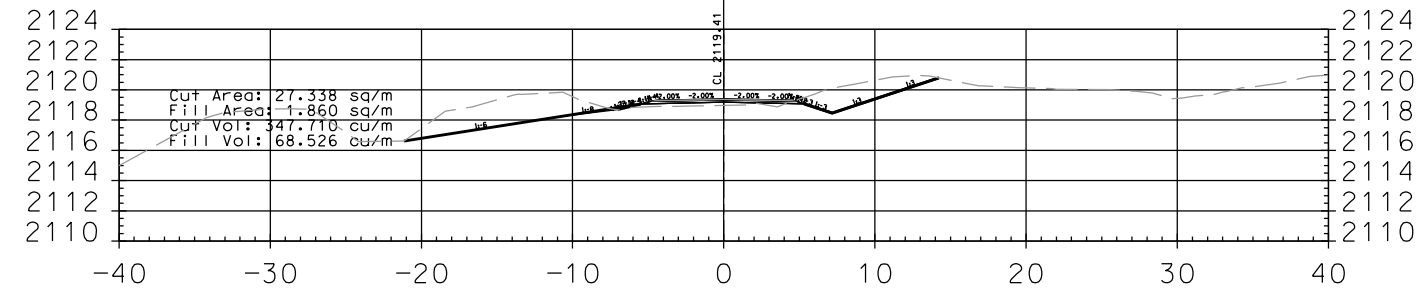


1+260.000

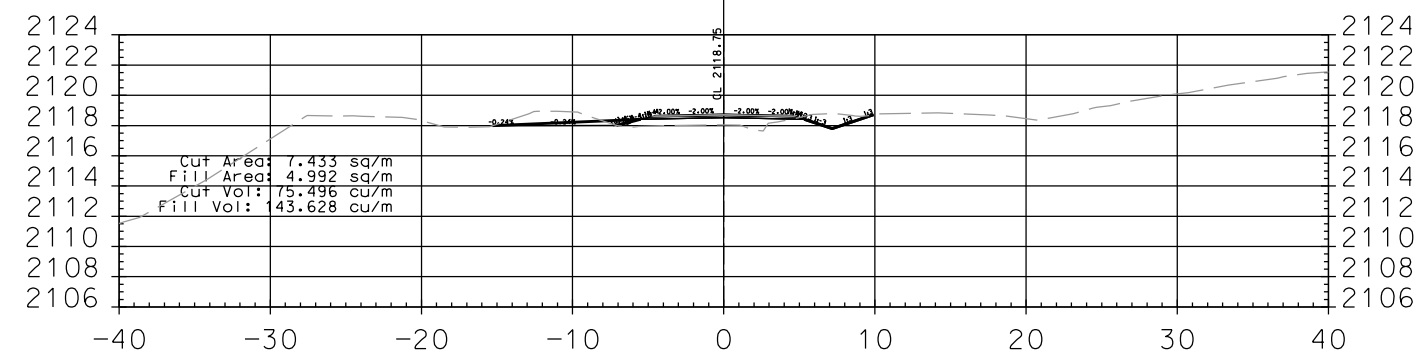




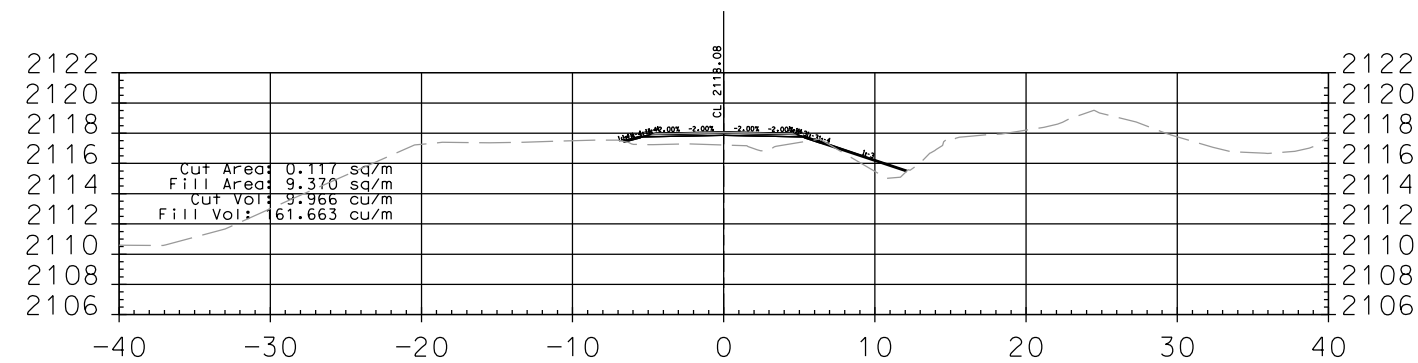
1+460.000



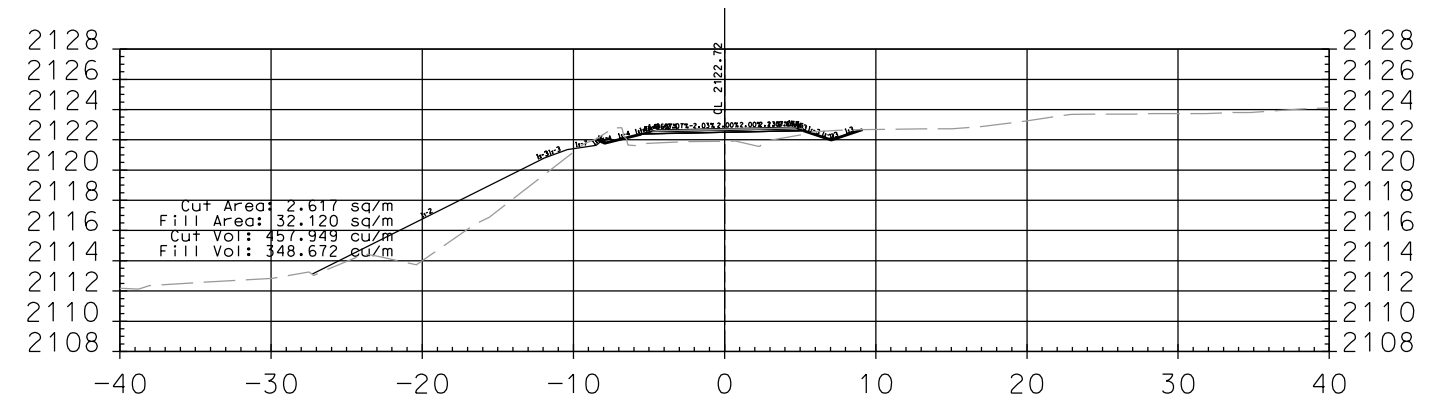
1+440.000



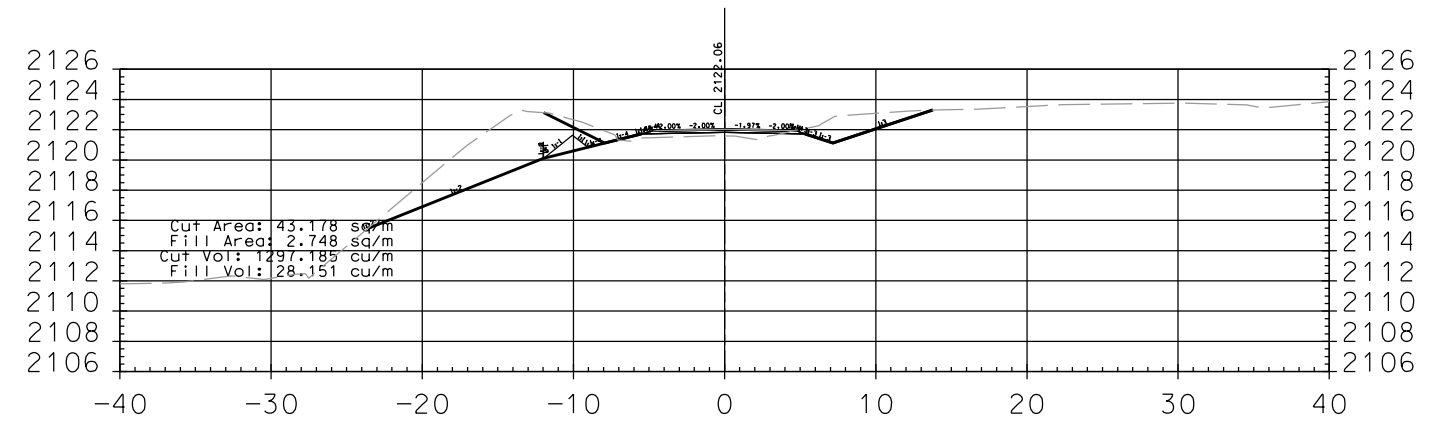
1+420.000



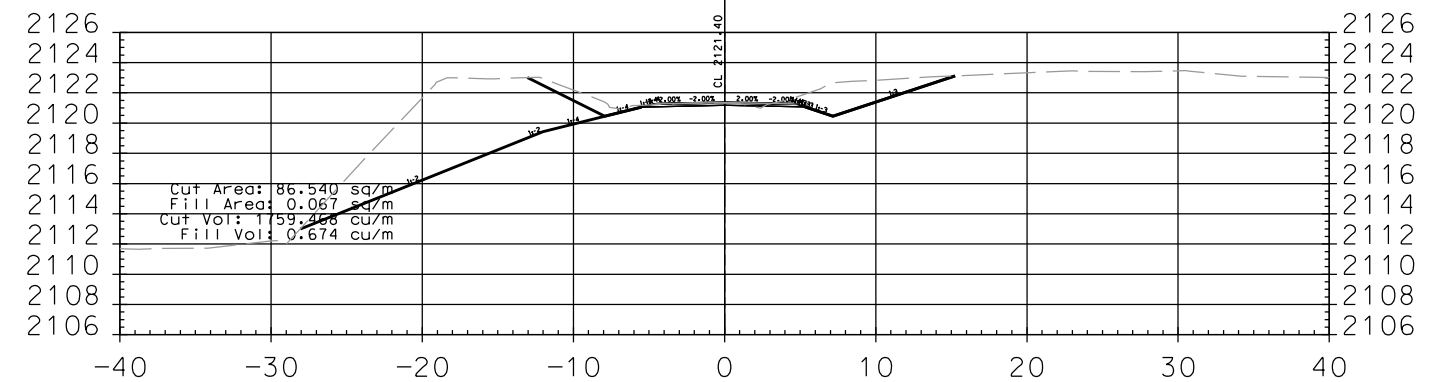
1+400.000



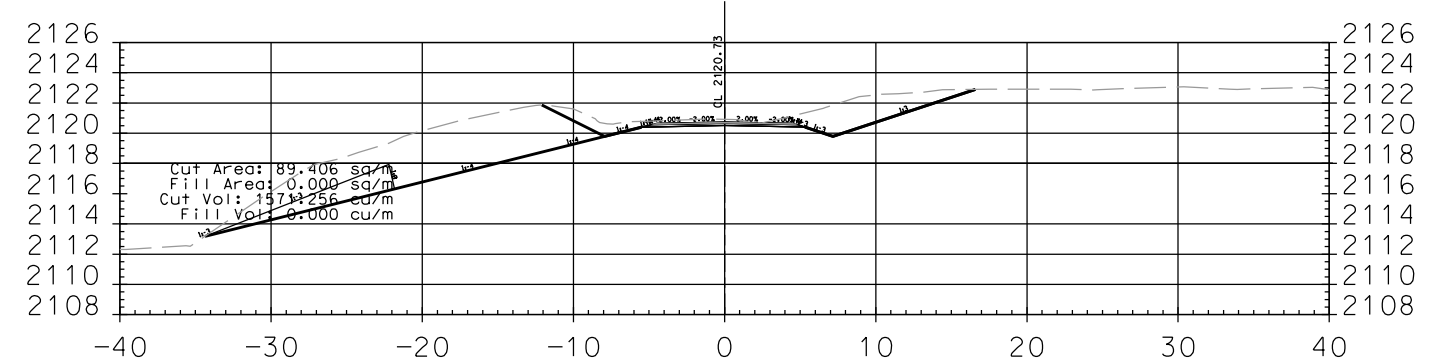
1+540.000



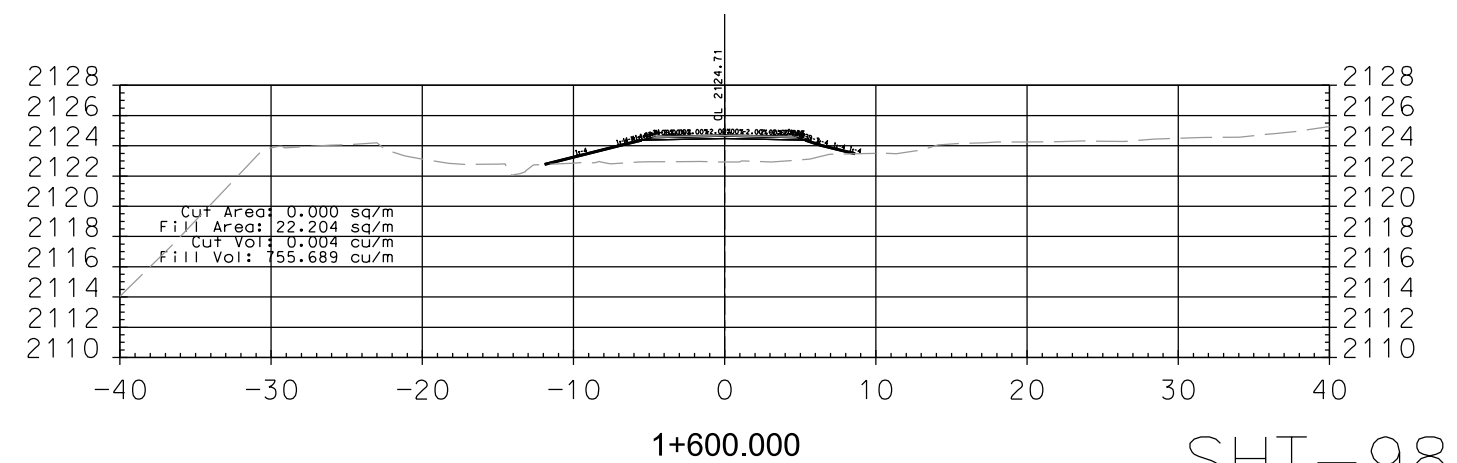
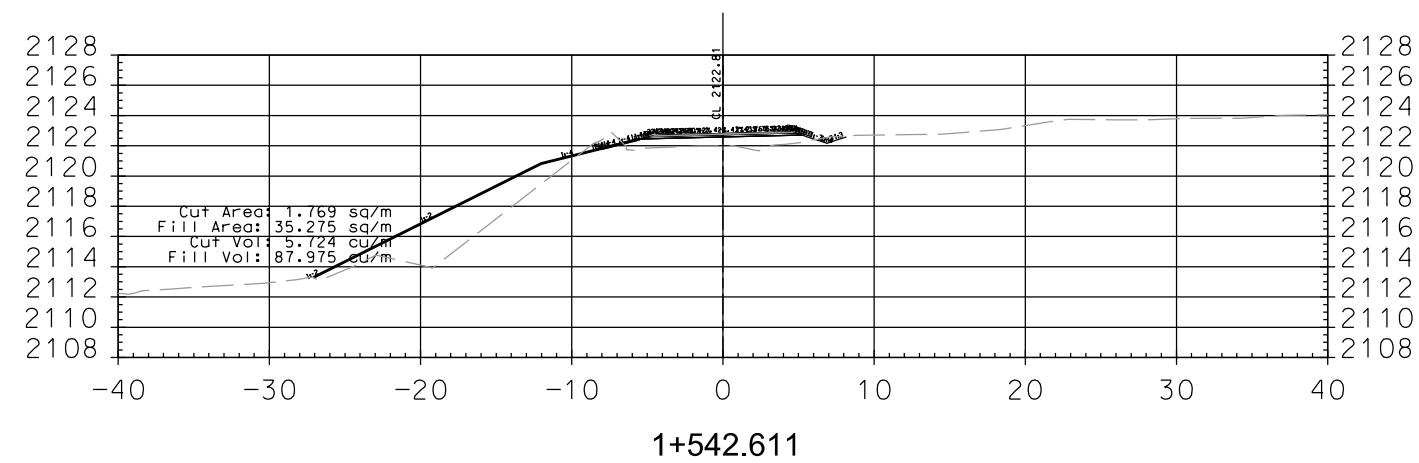
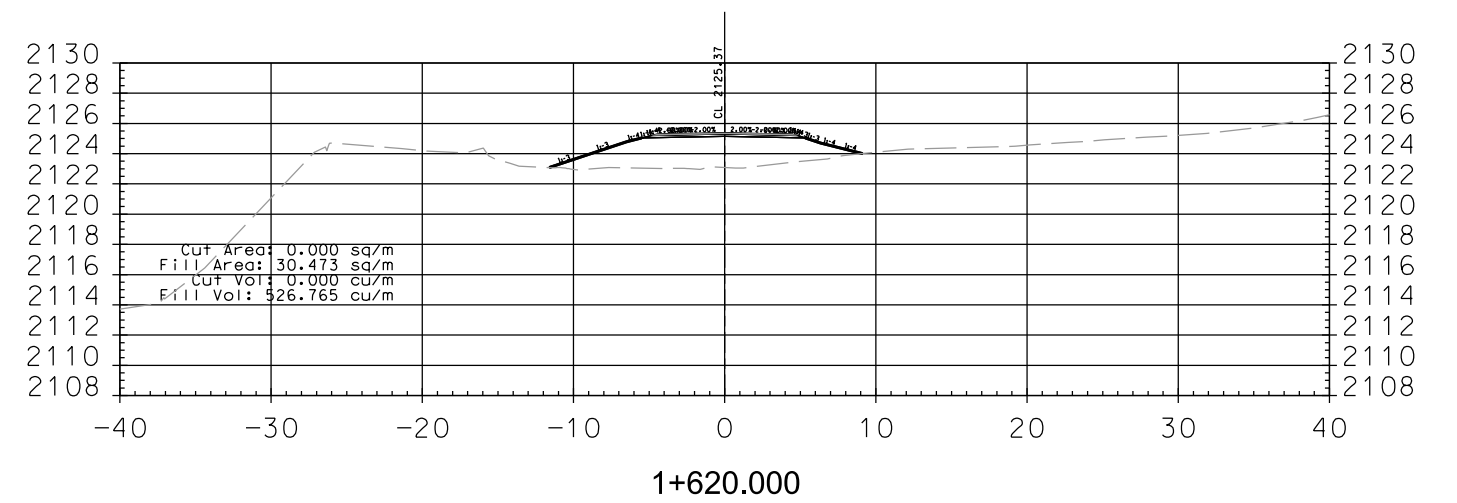
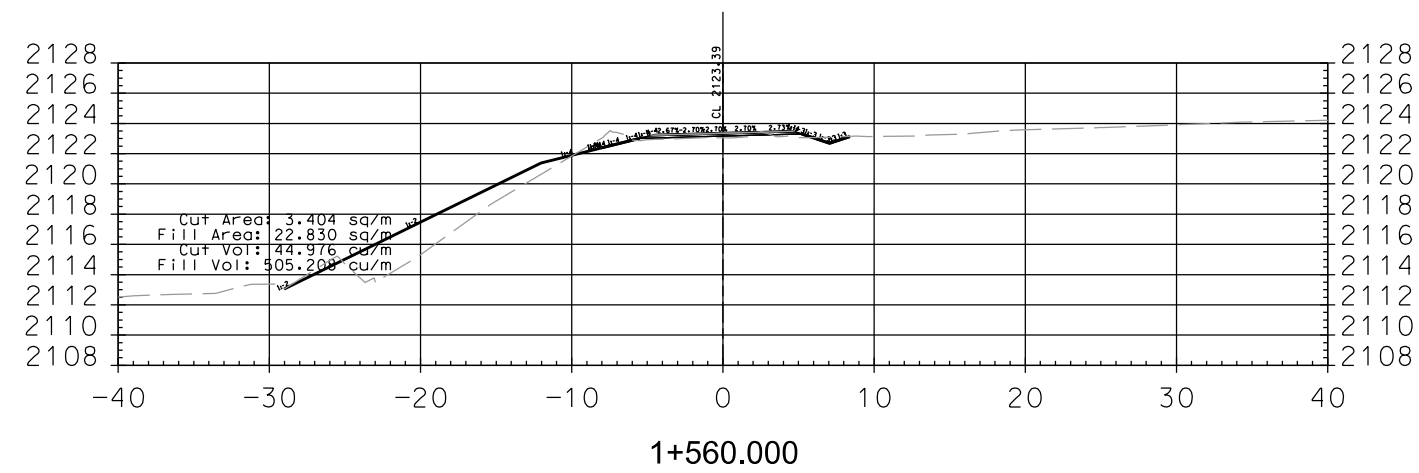
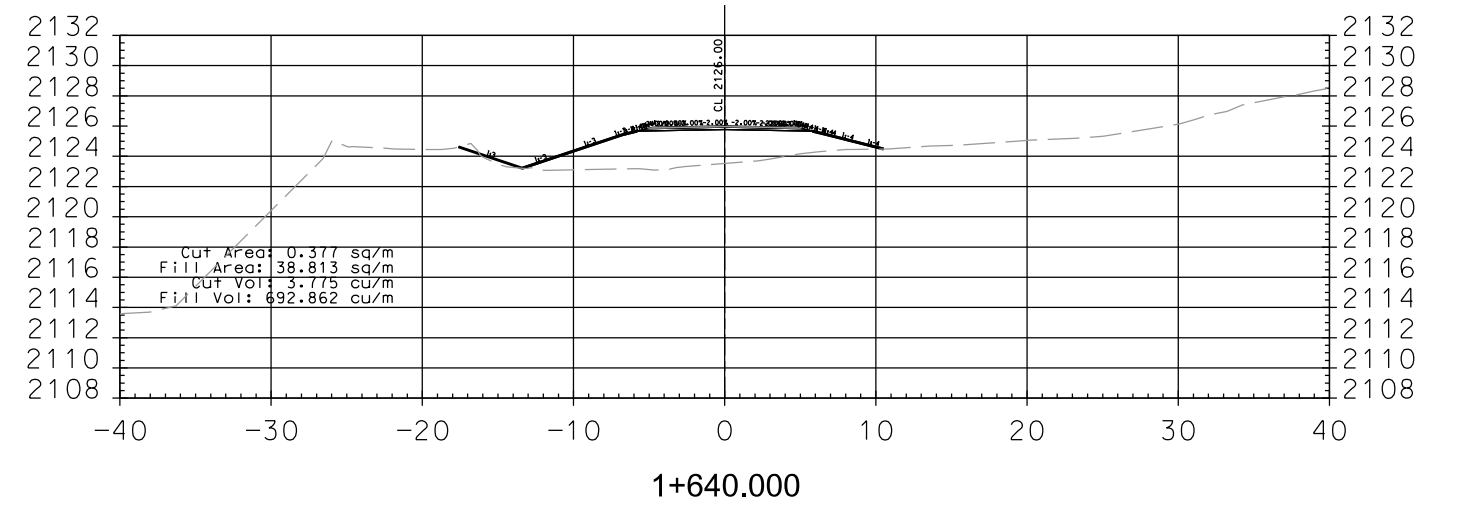
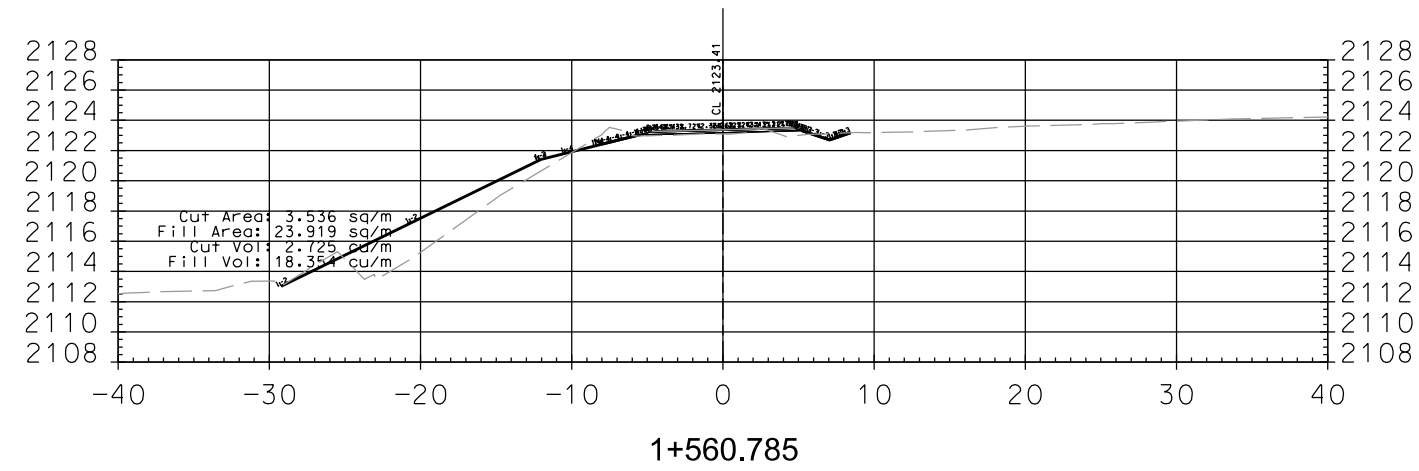
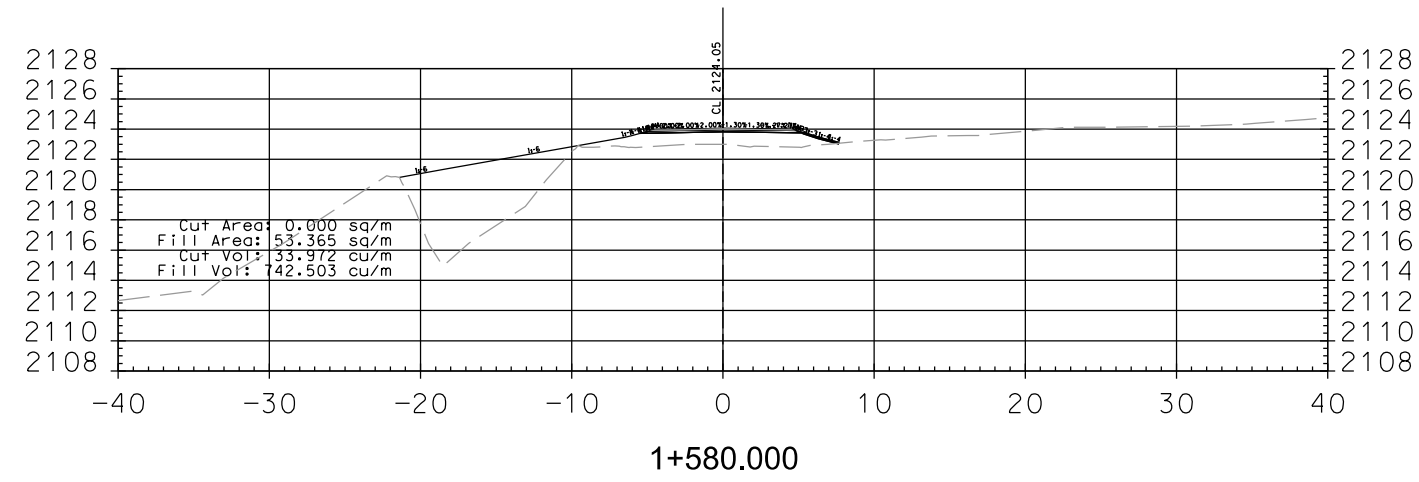
1+520.000

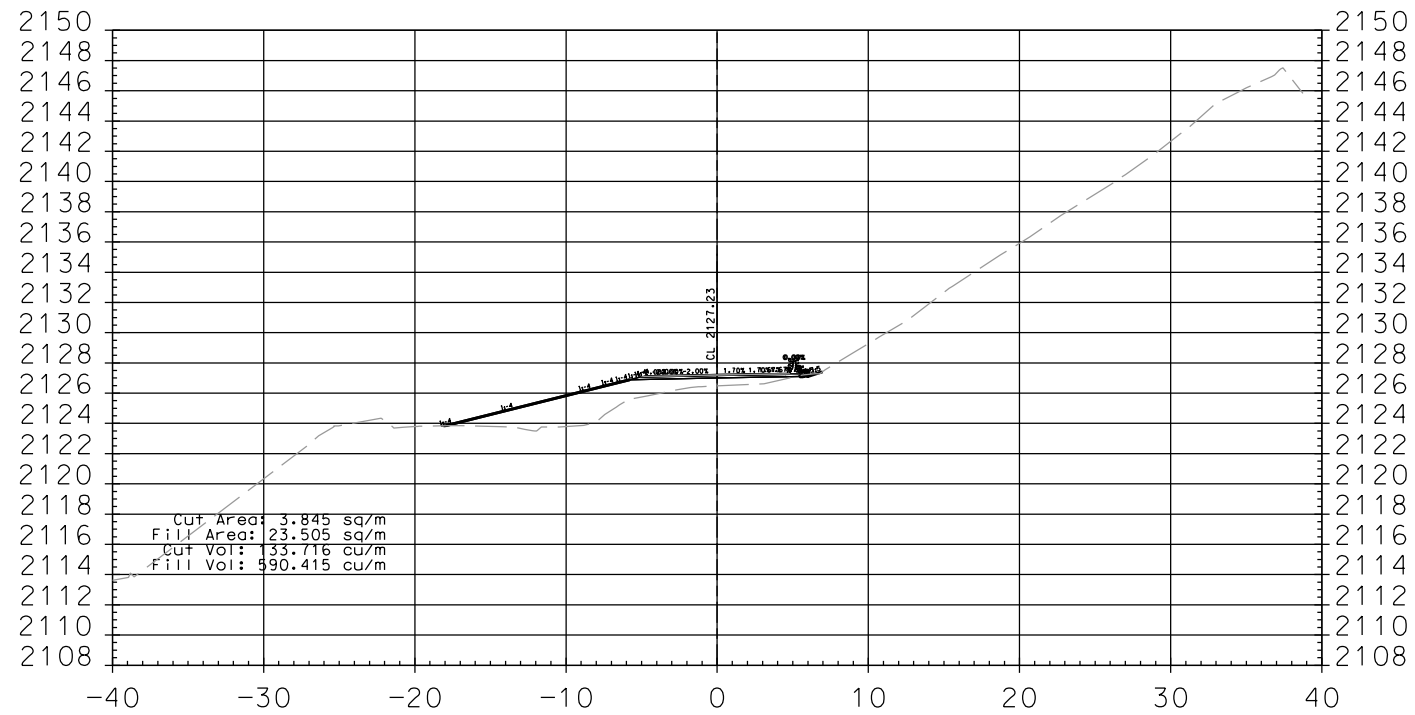


1+500.000

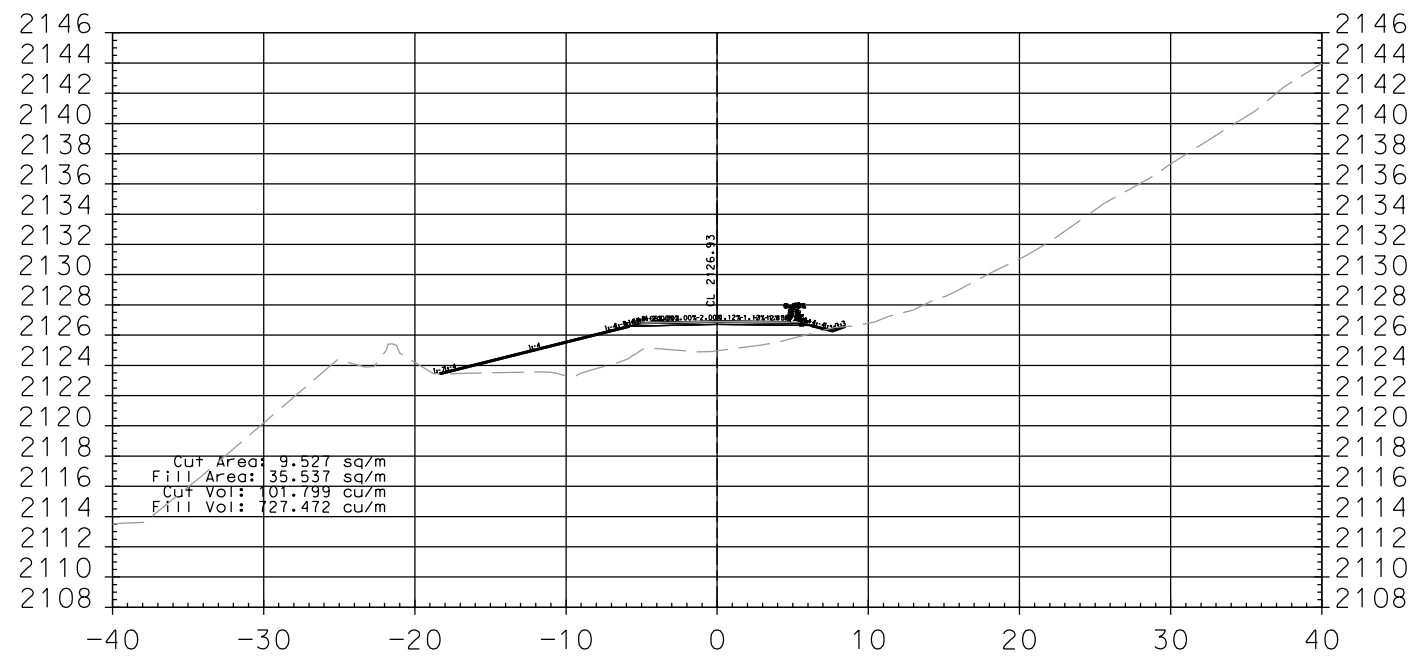


1+480.000

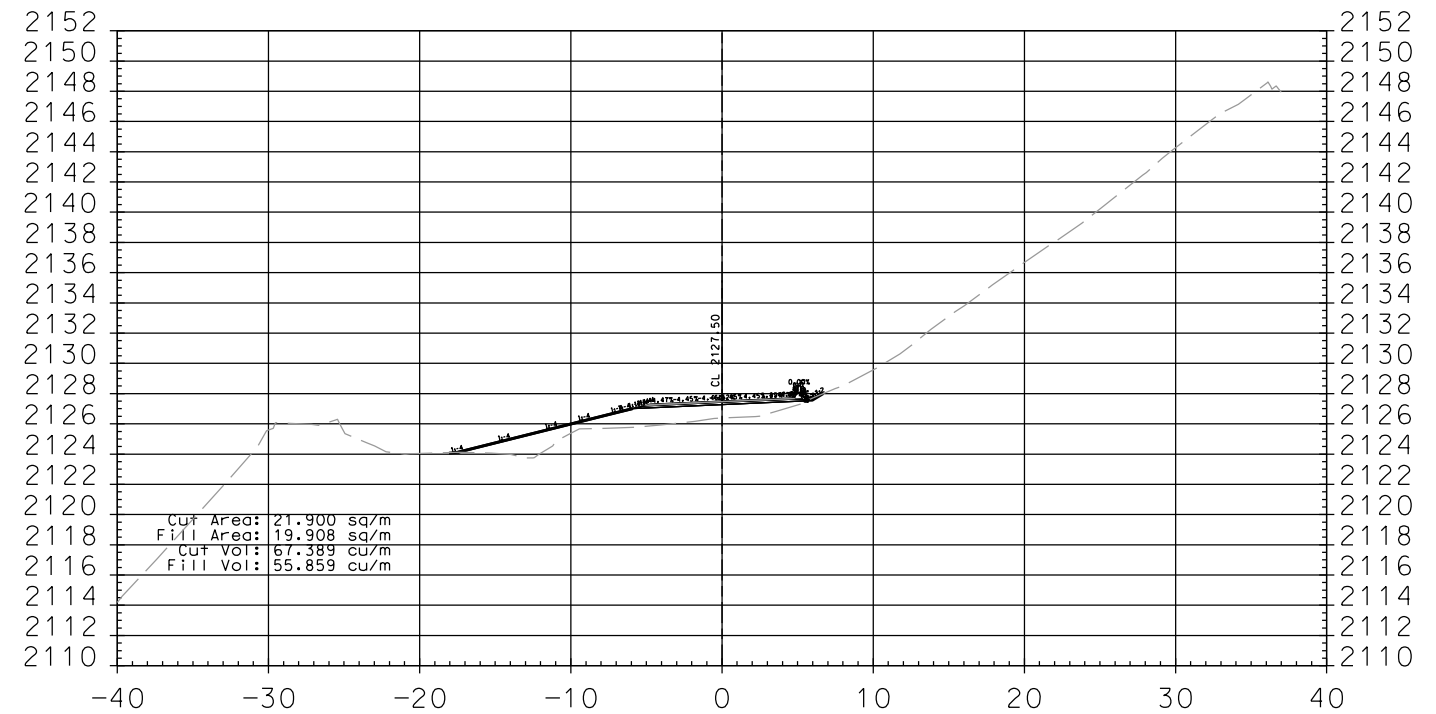
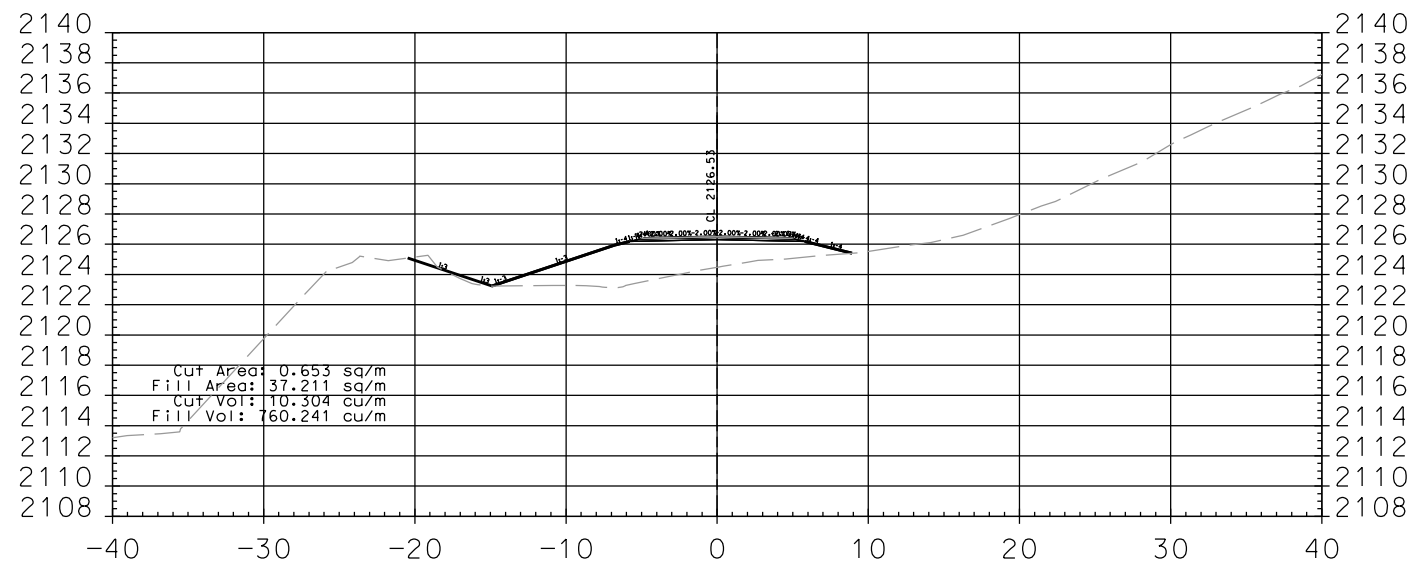




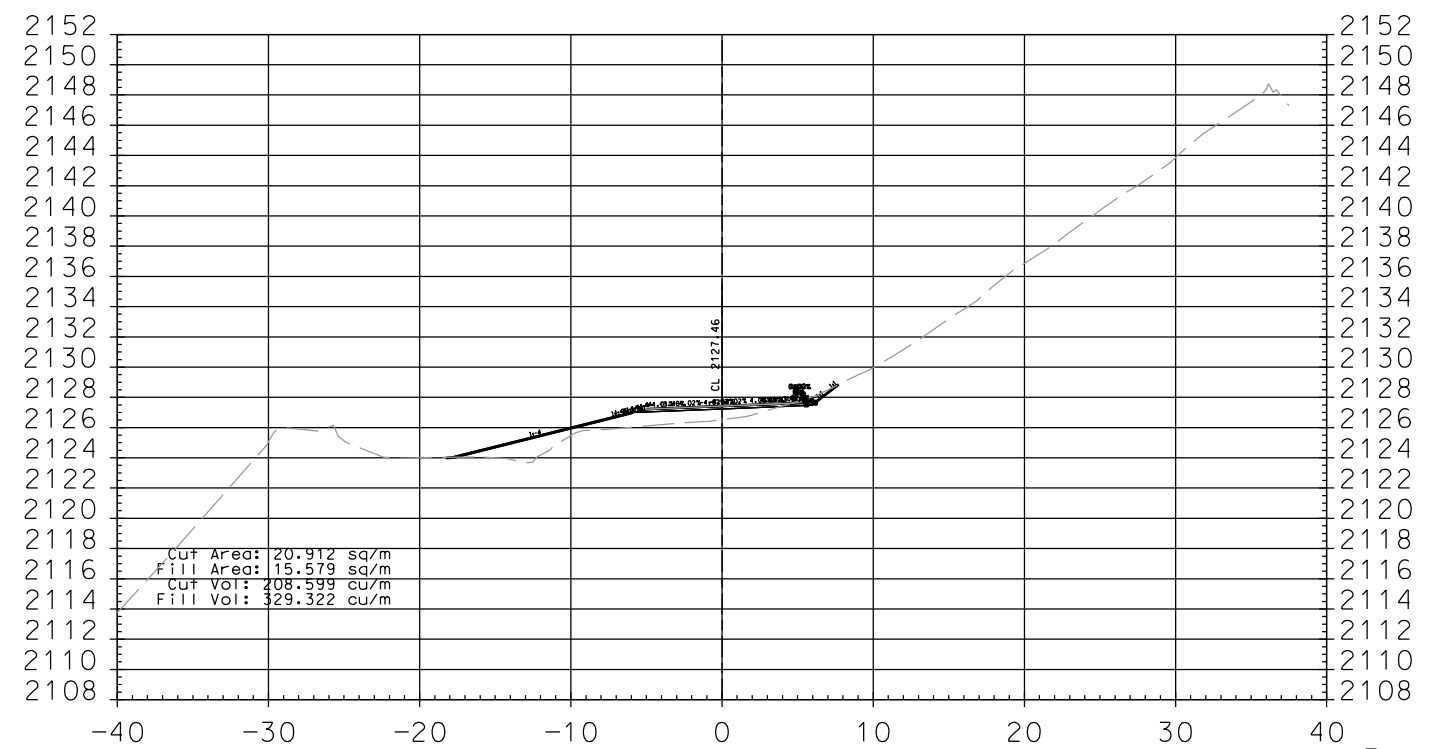
1+700.000



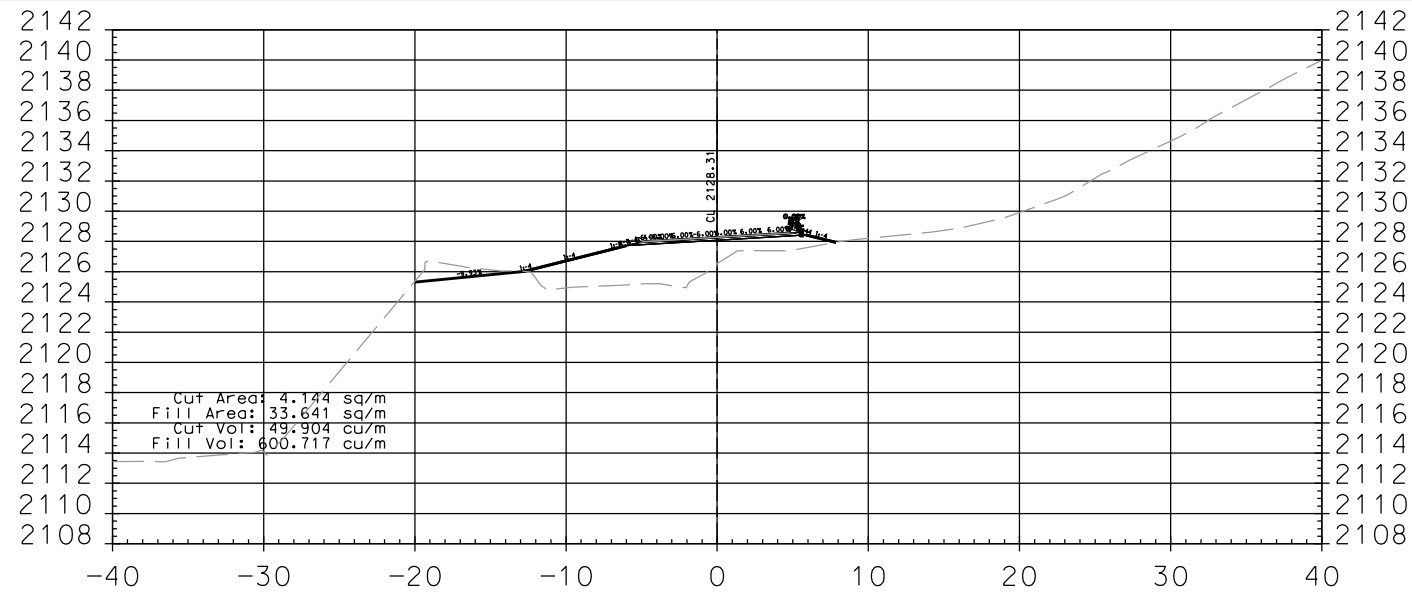
1+680.000



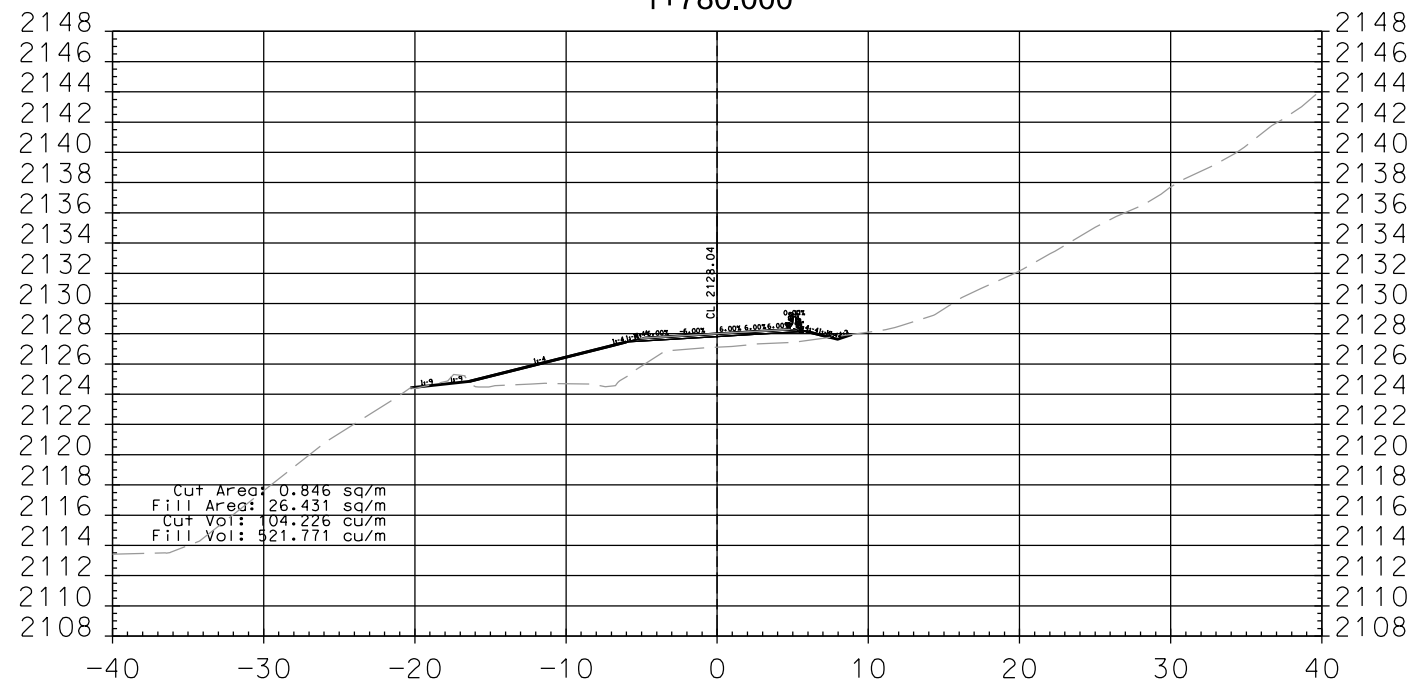
1+720.000



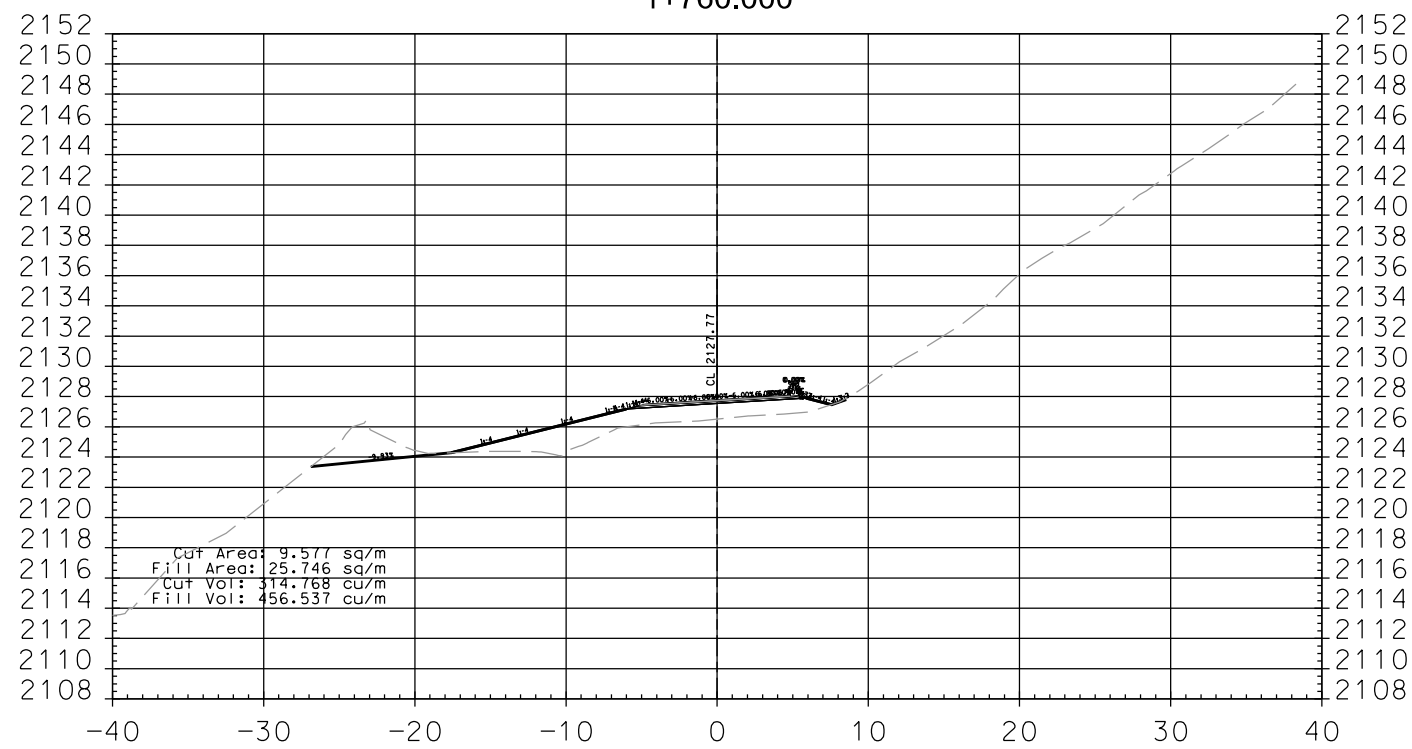
1+716.852



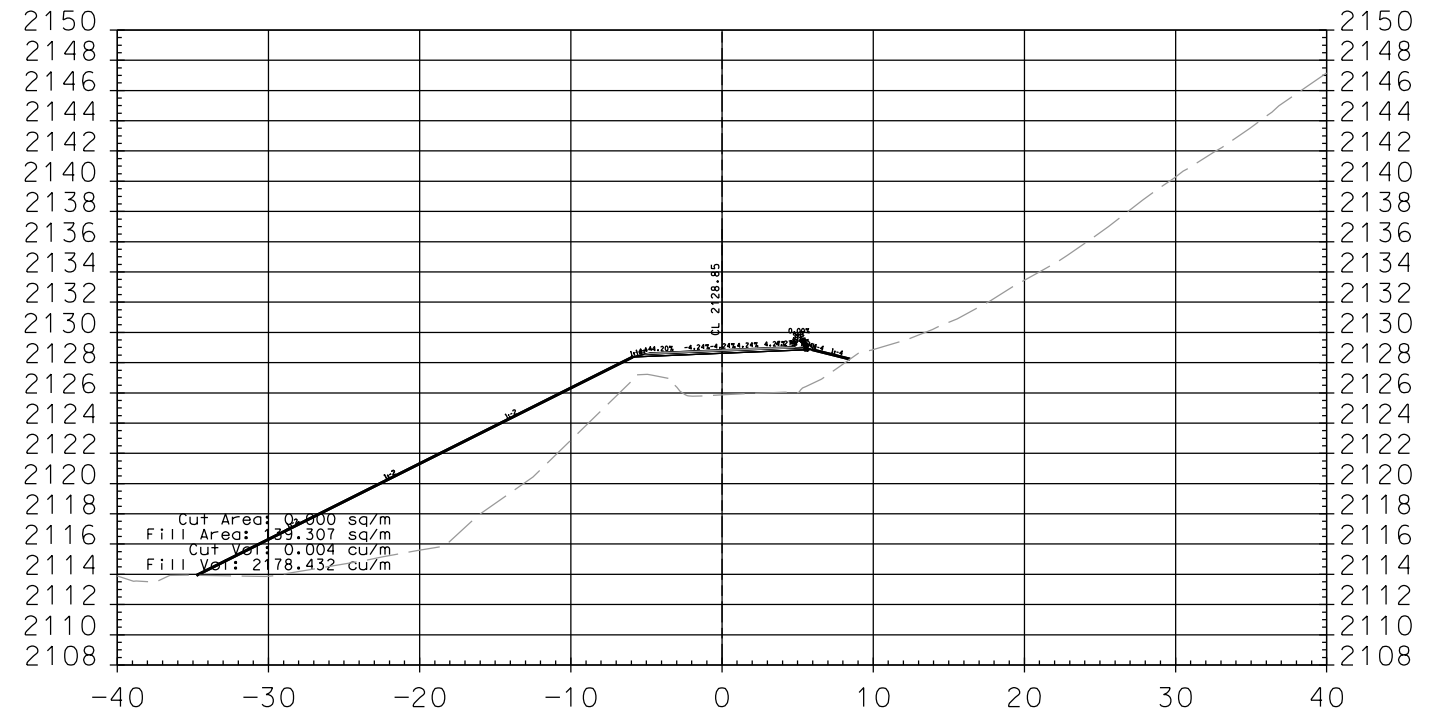
1+780.000



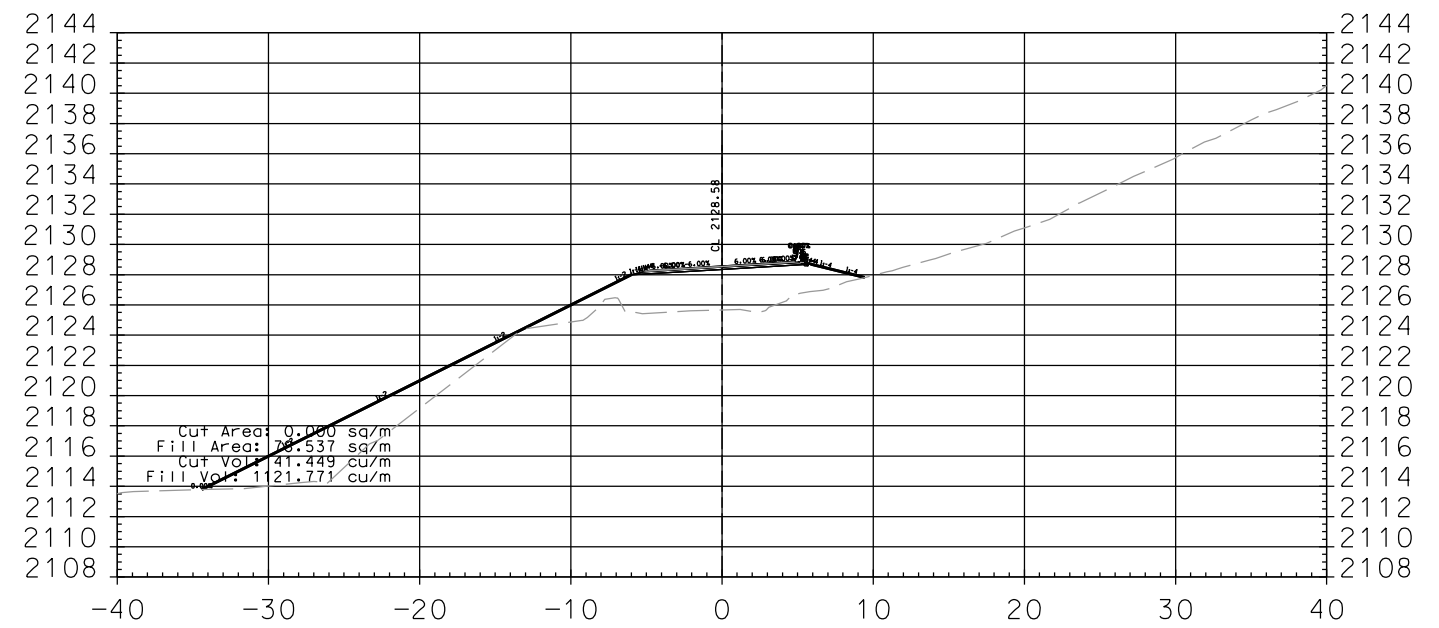
1+760.000



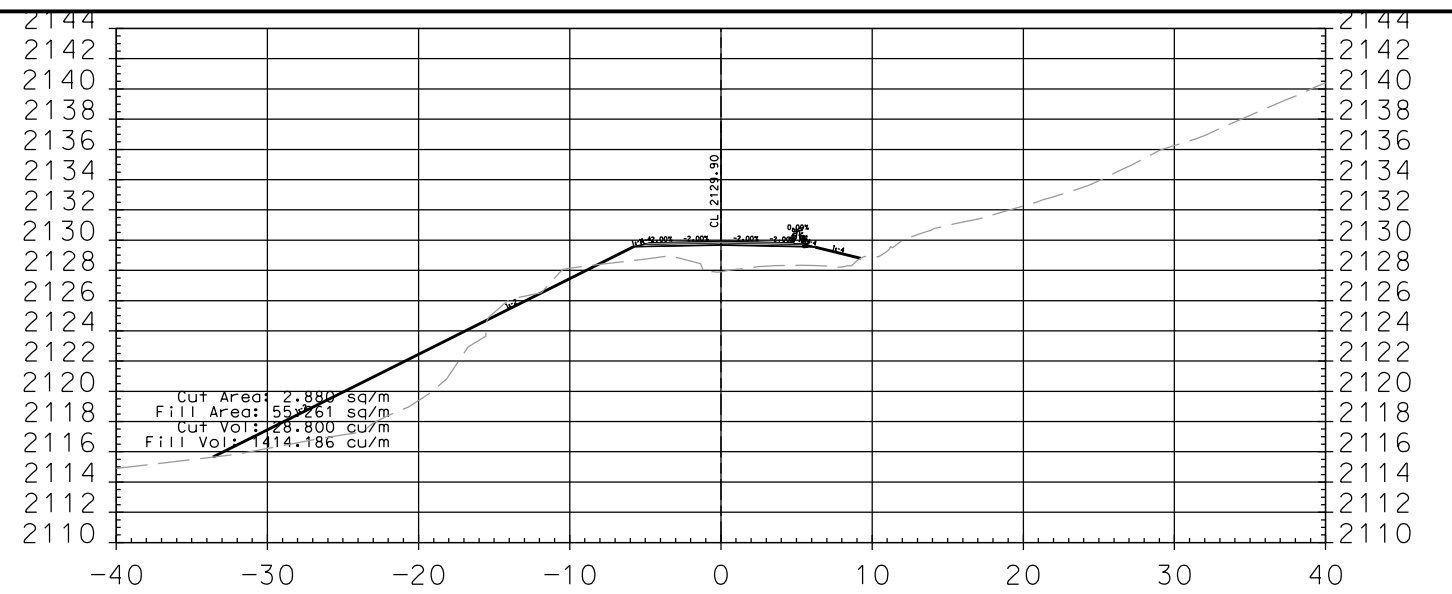
1+740.000



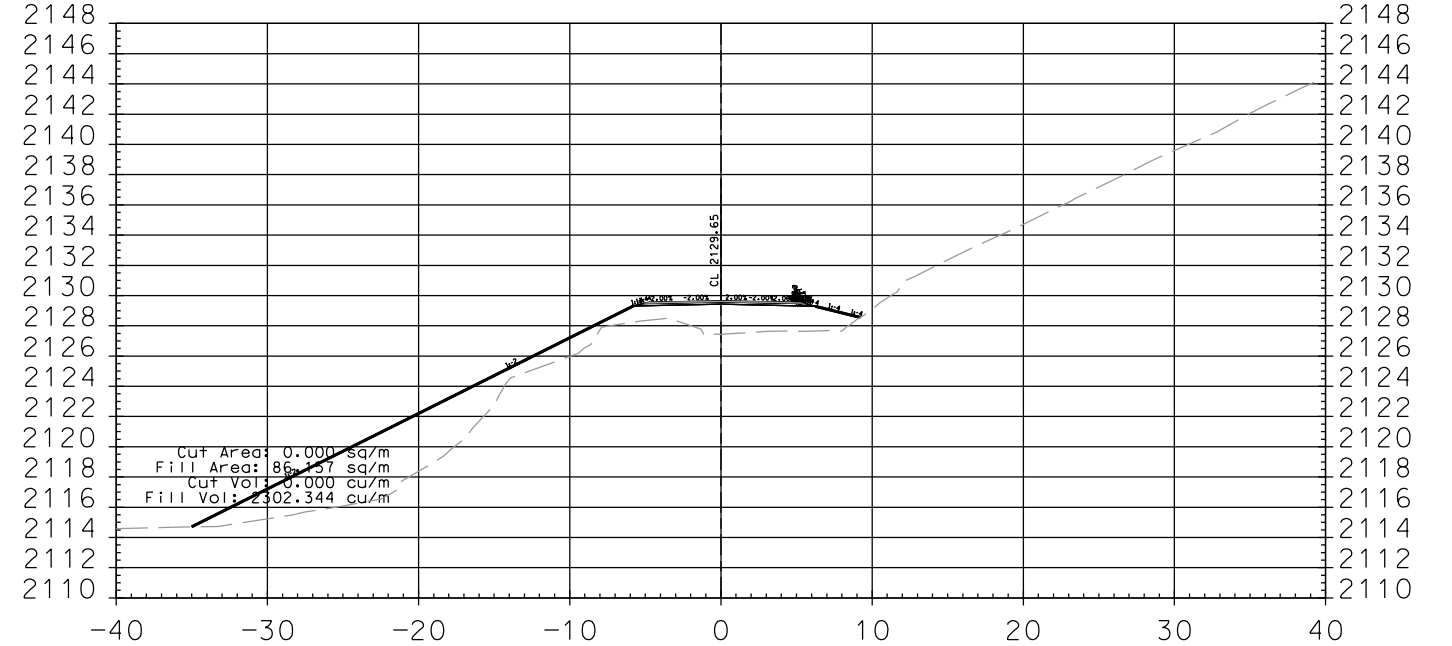
1+820.000



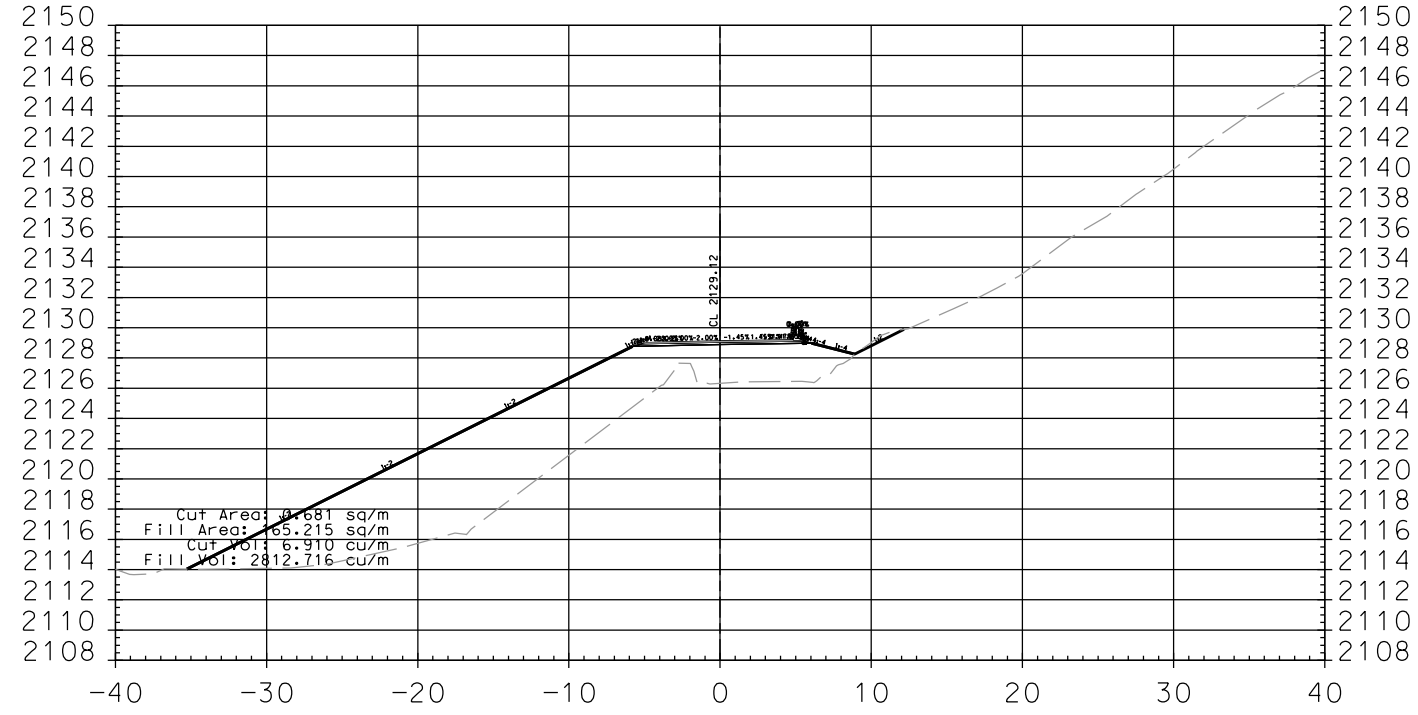
1+800.000



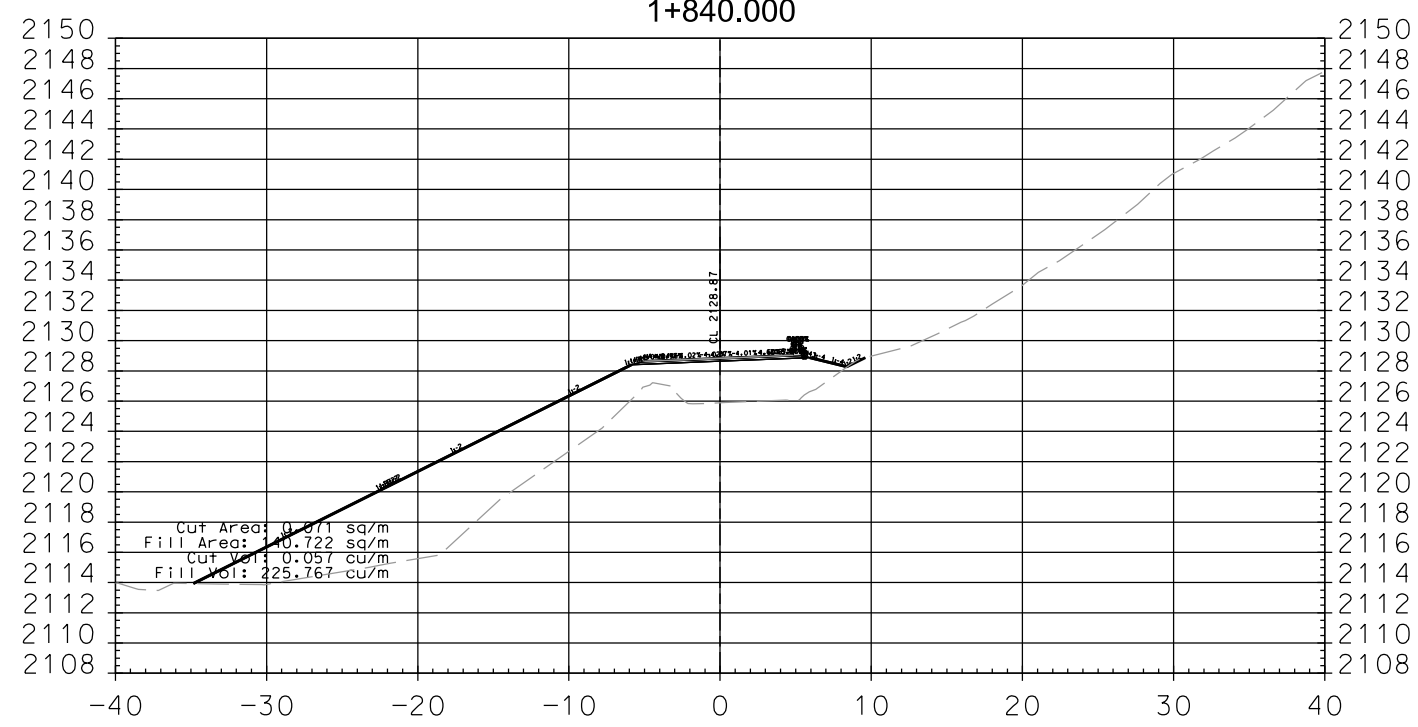
1+900.000



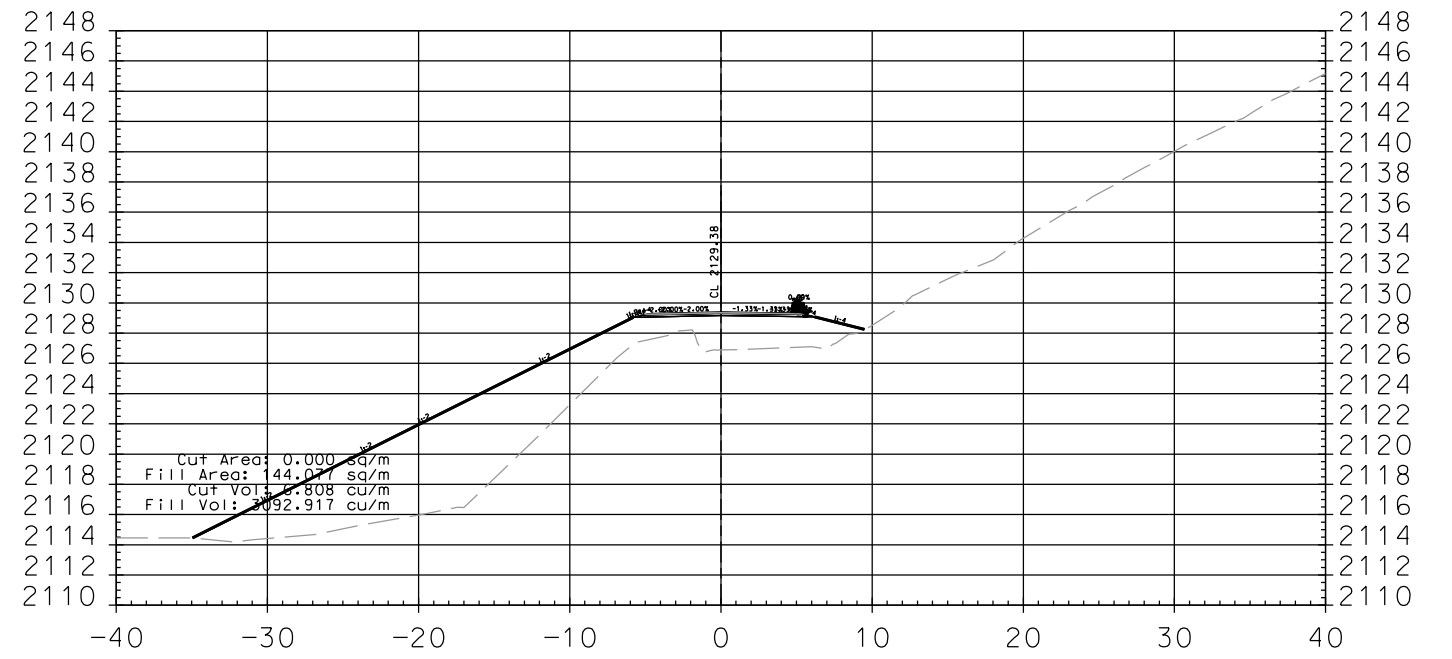
1+880.000



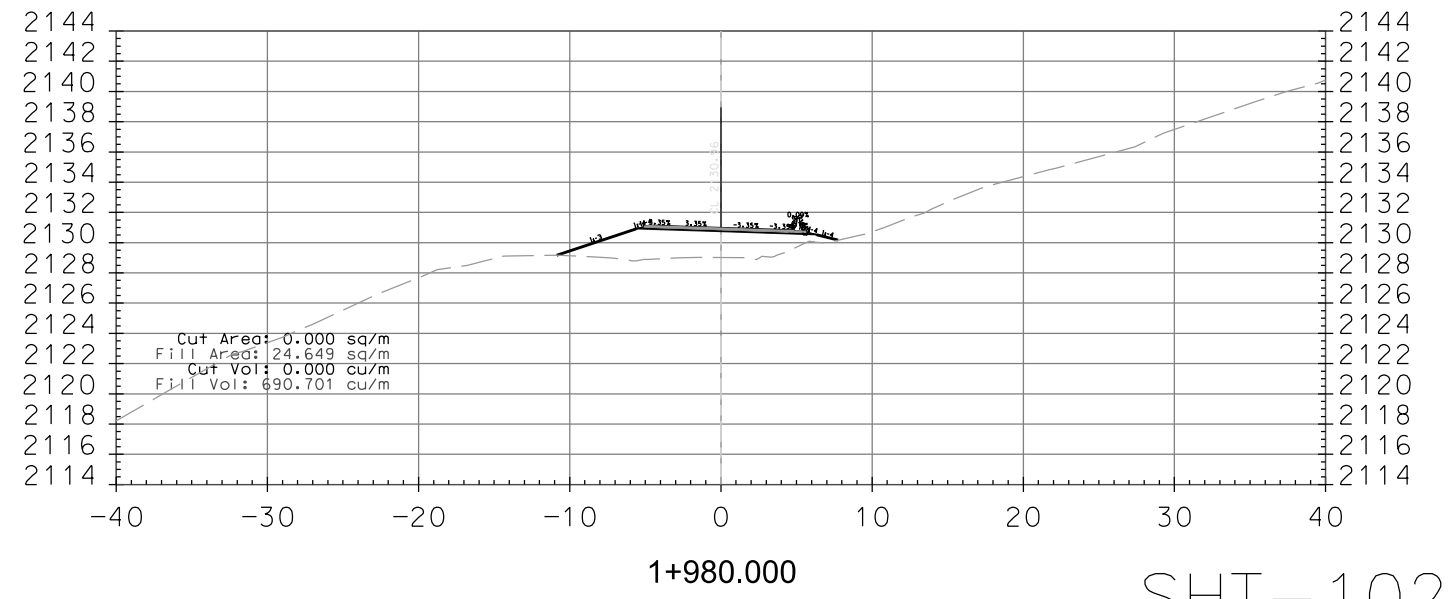
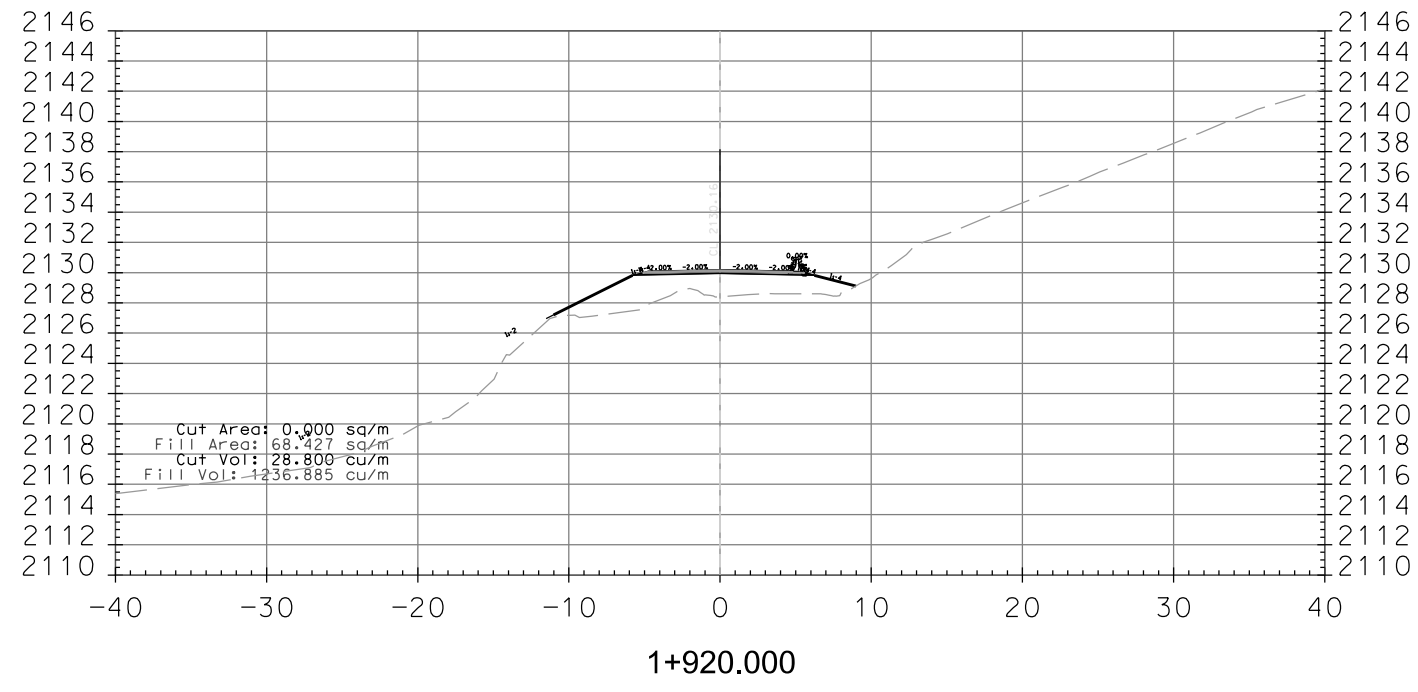
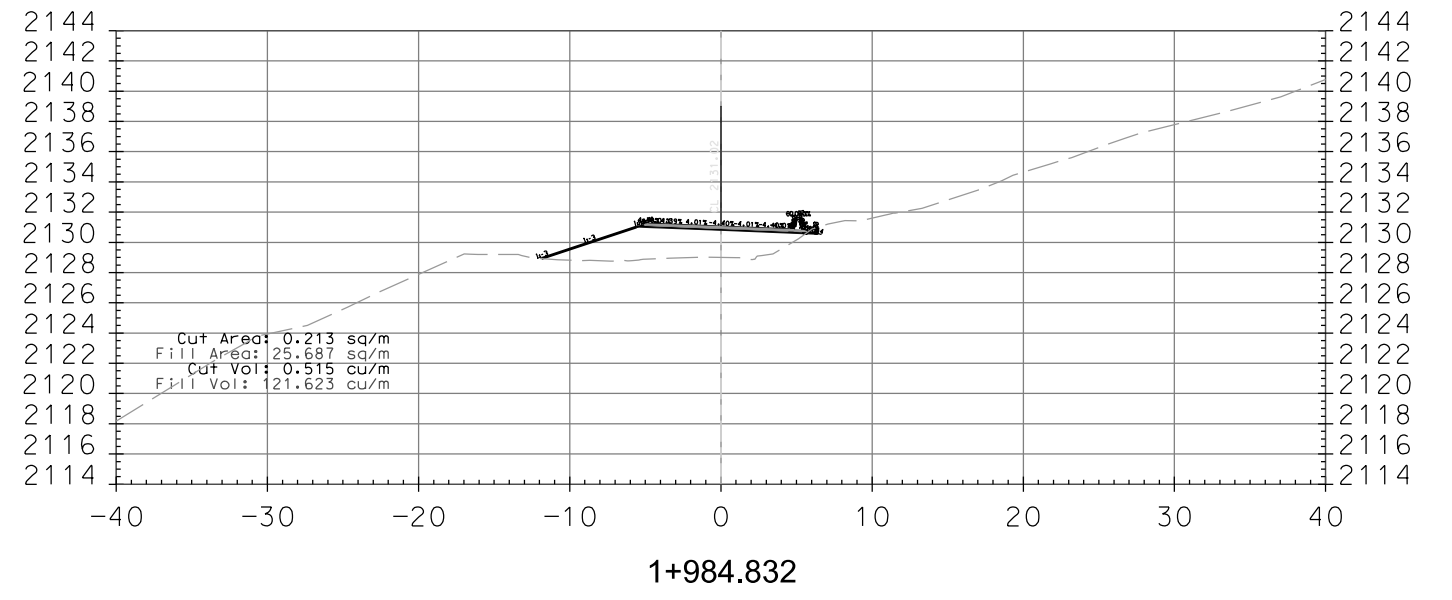
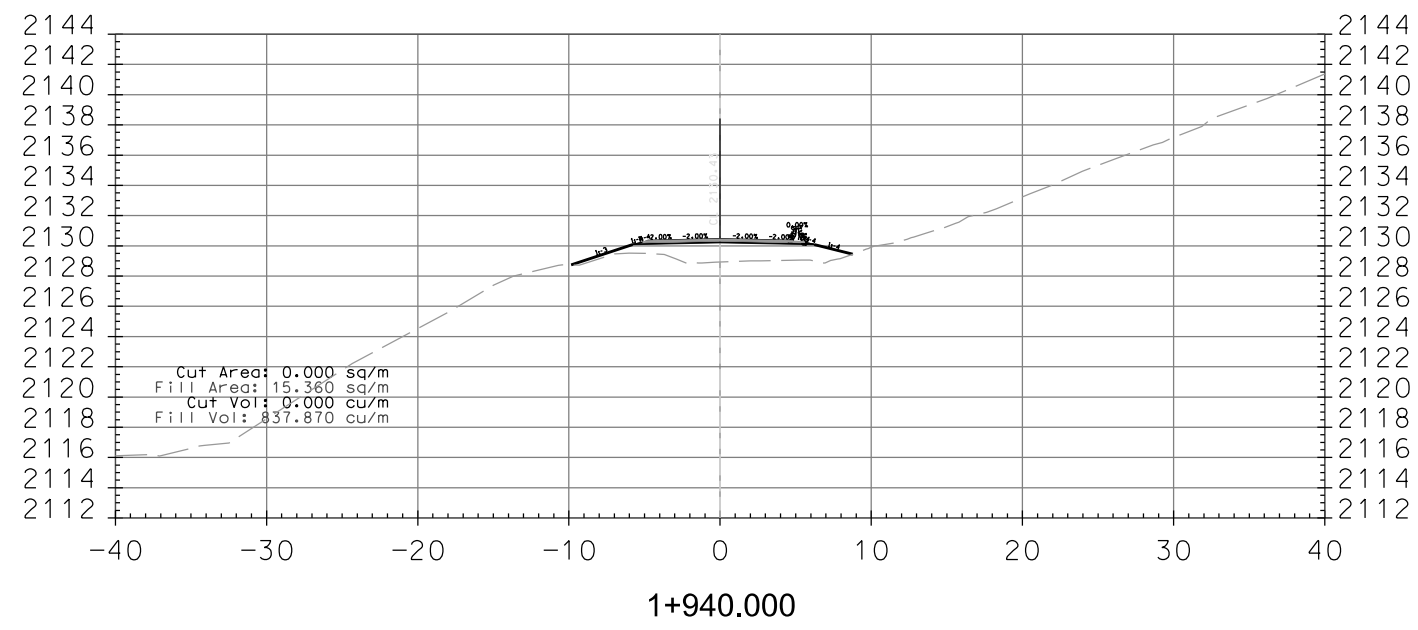
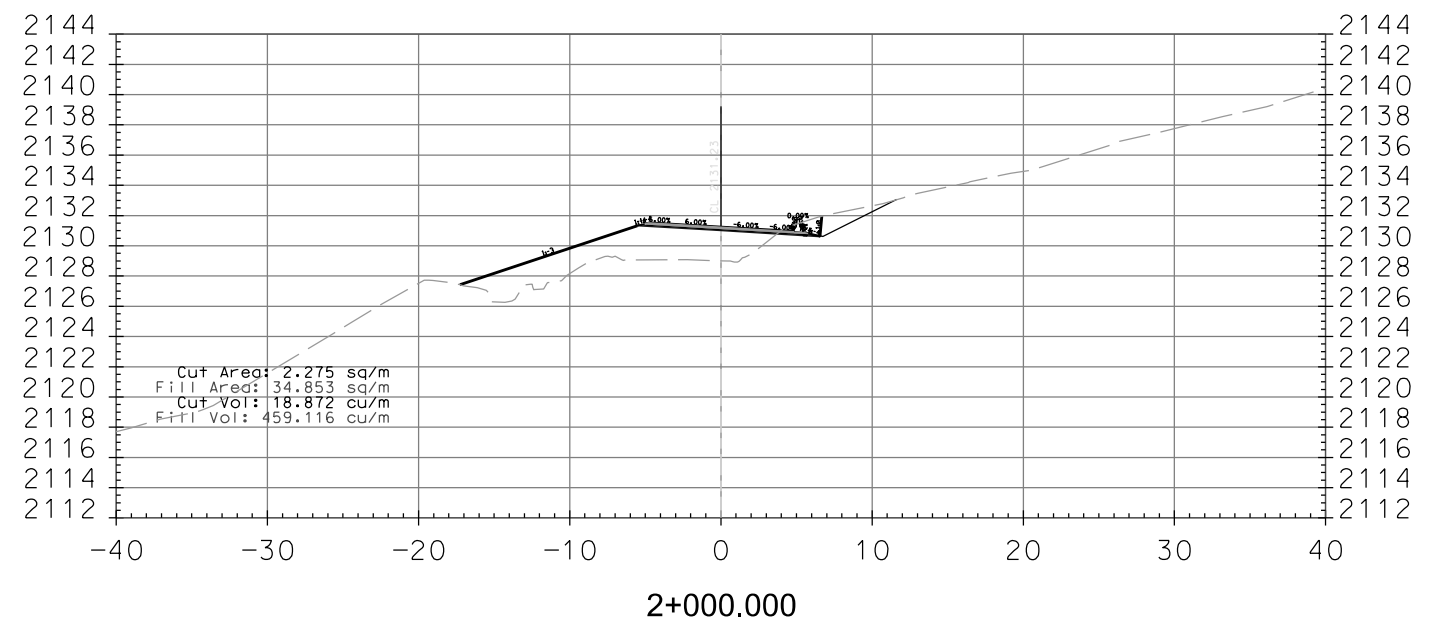
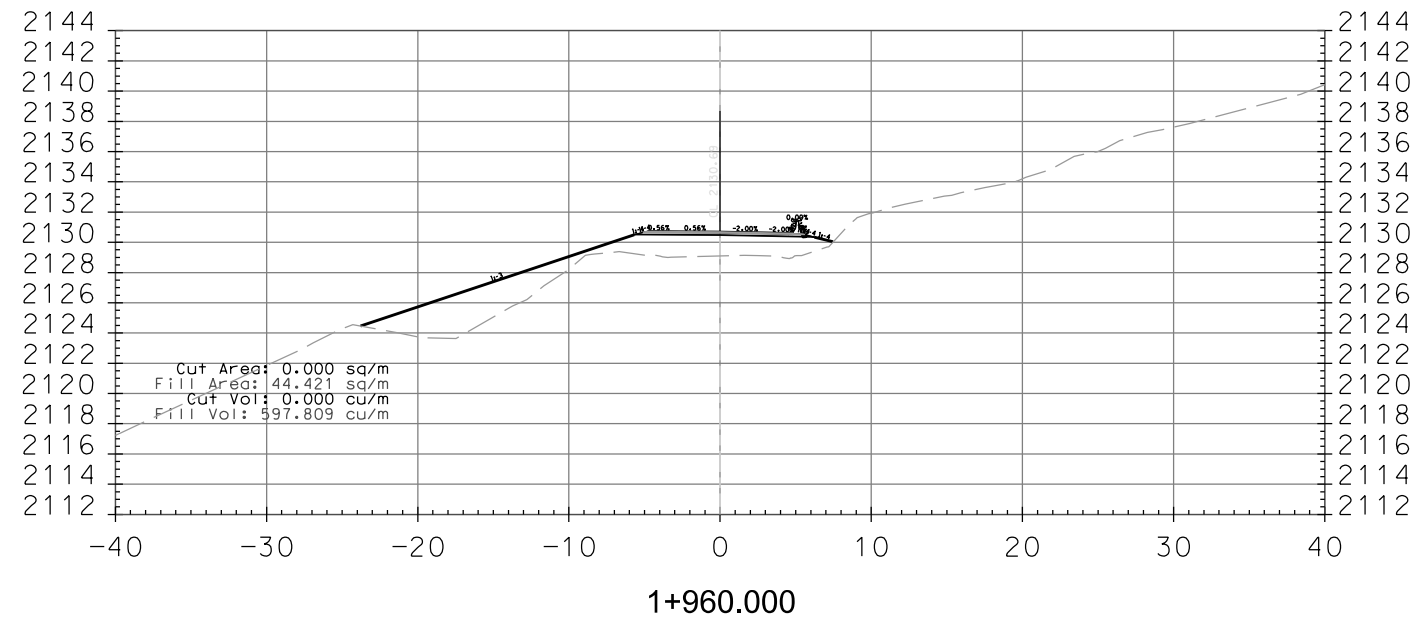
1+840.000

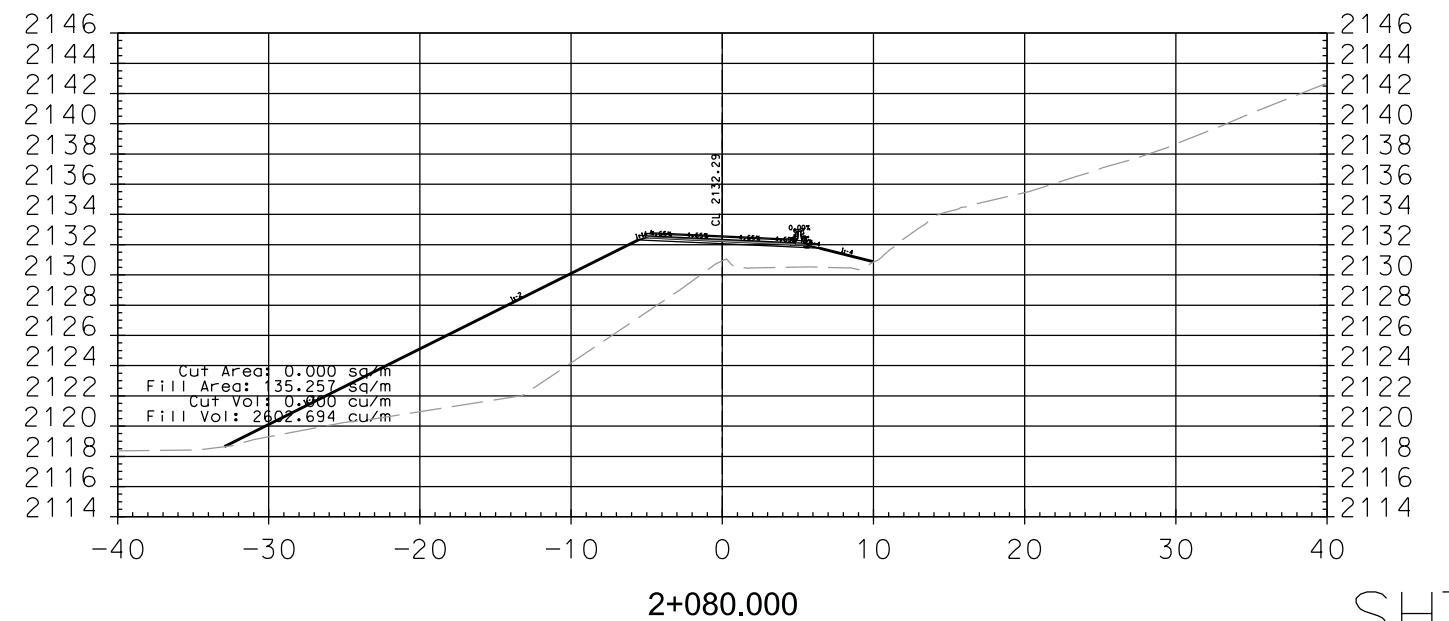
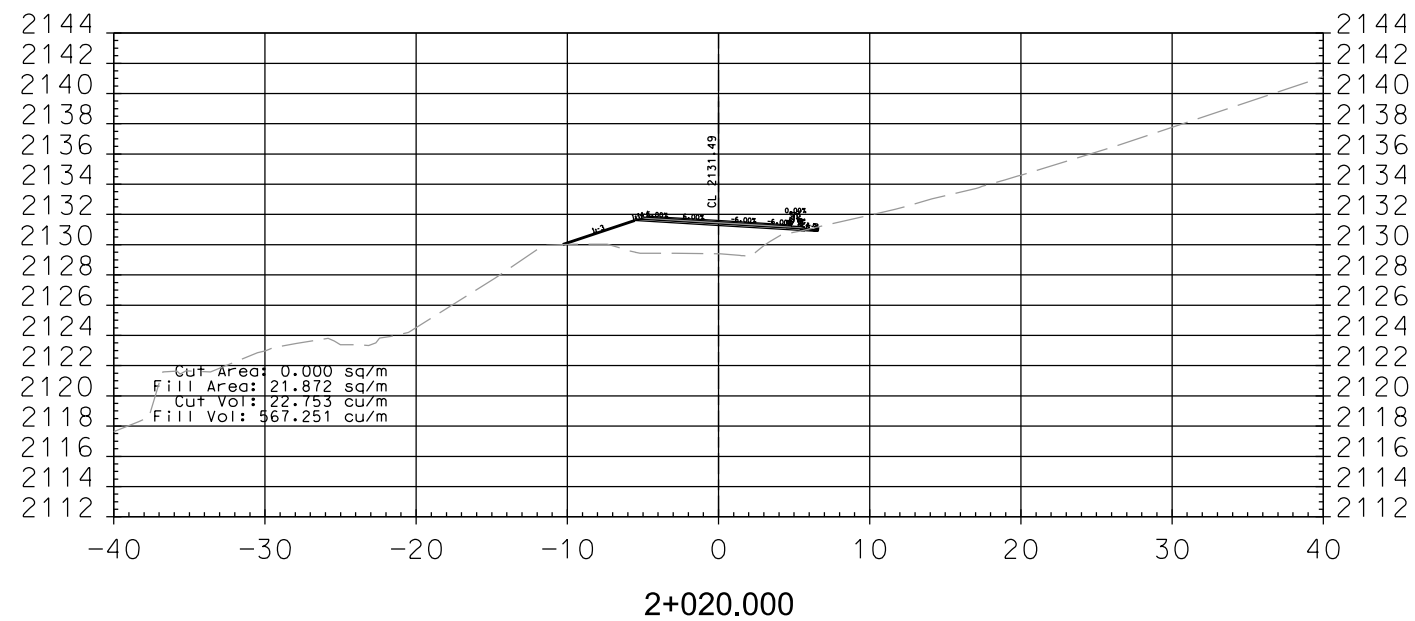
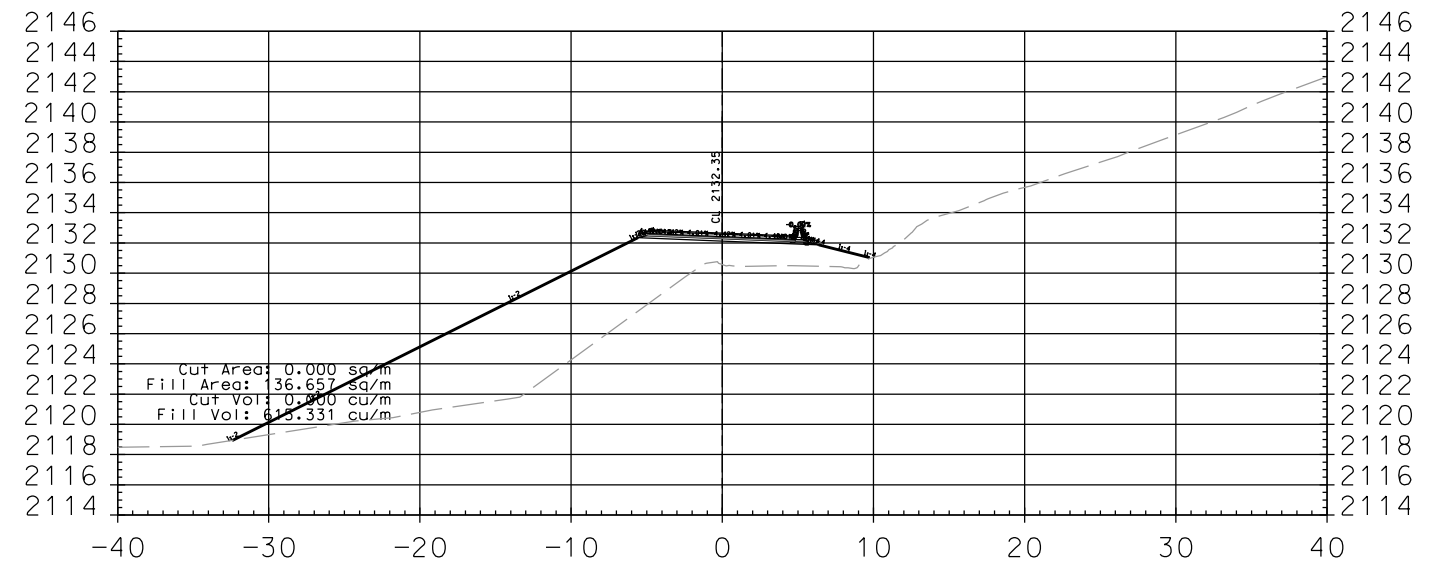
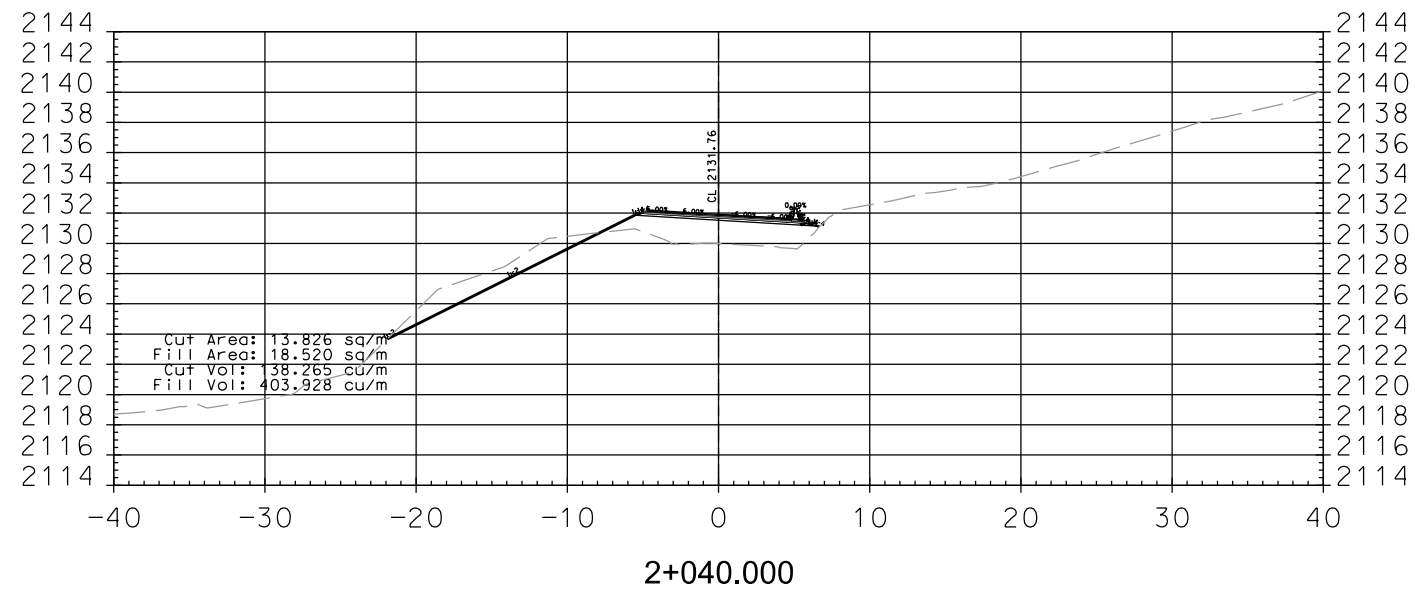
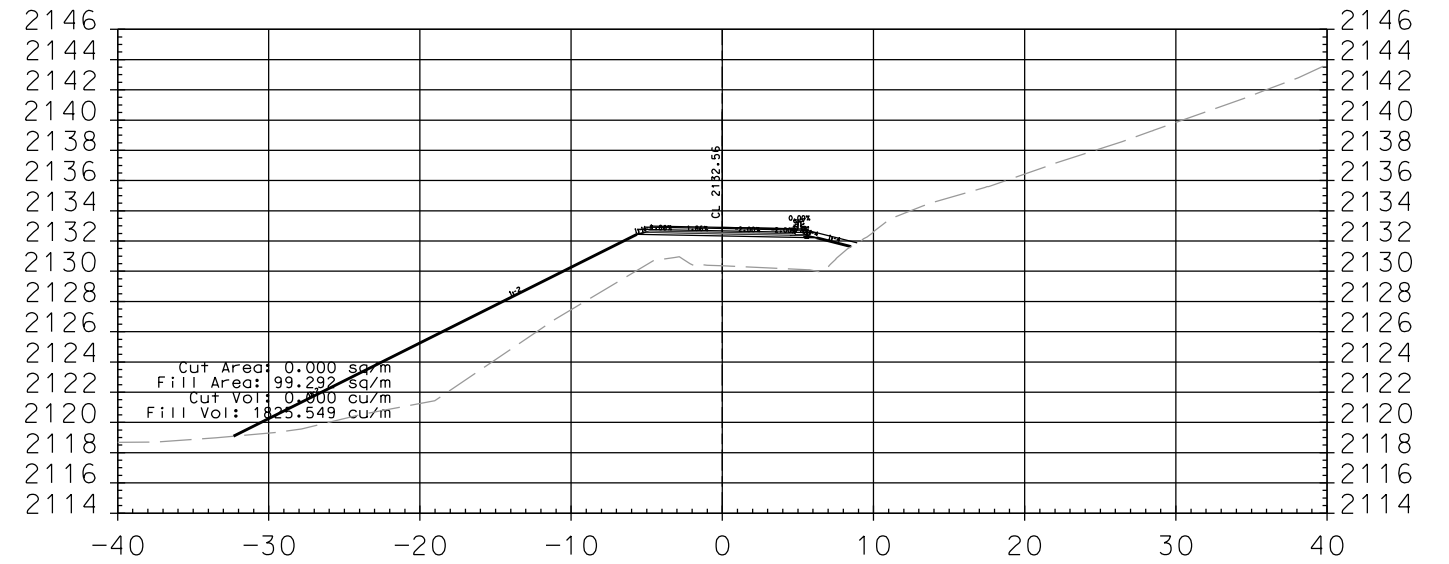
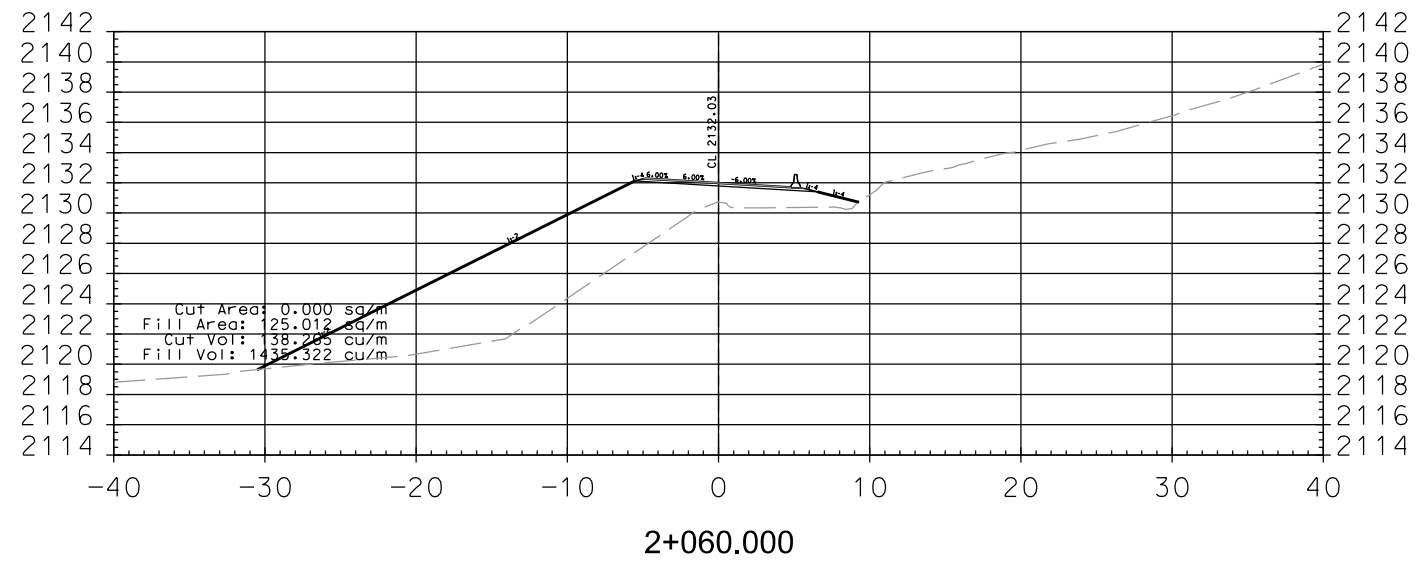


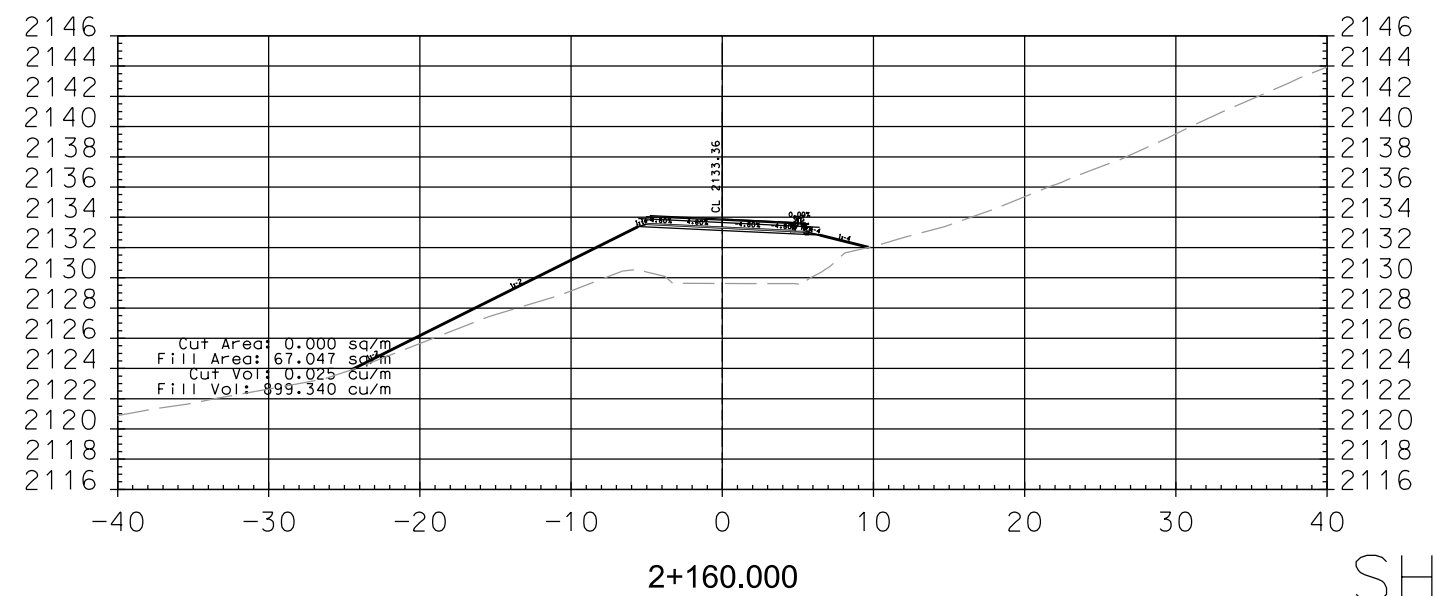
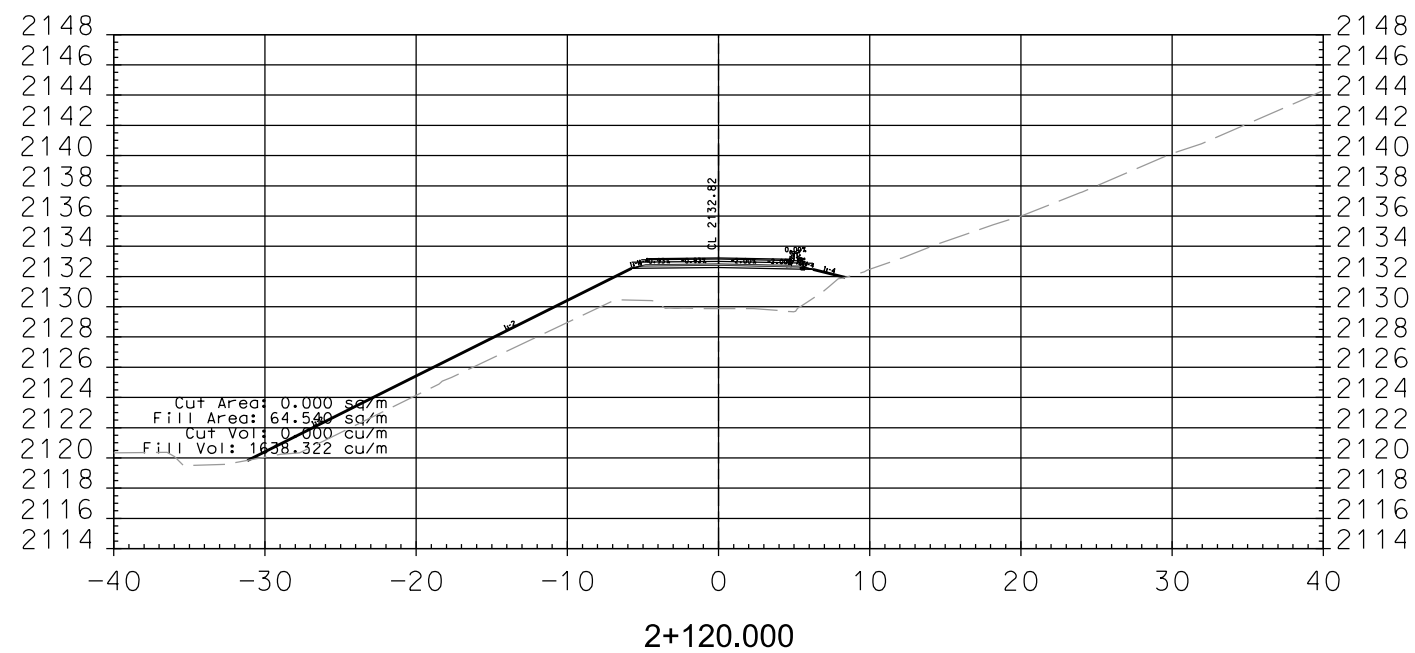
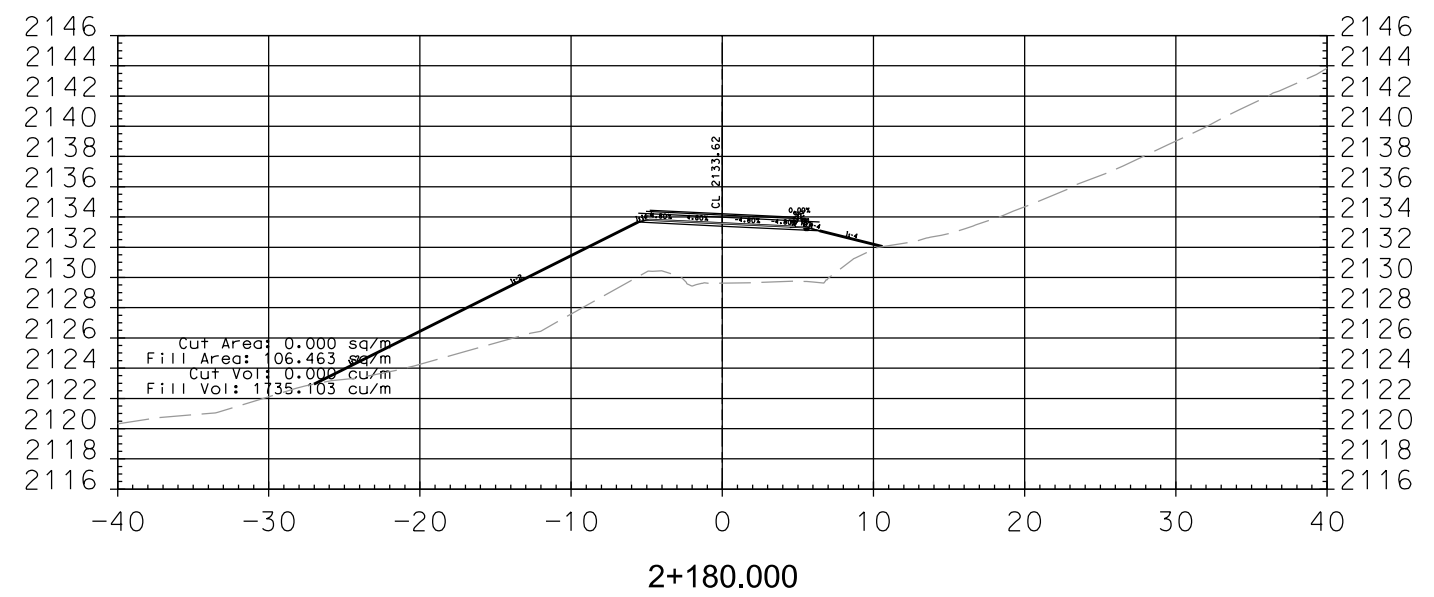
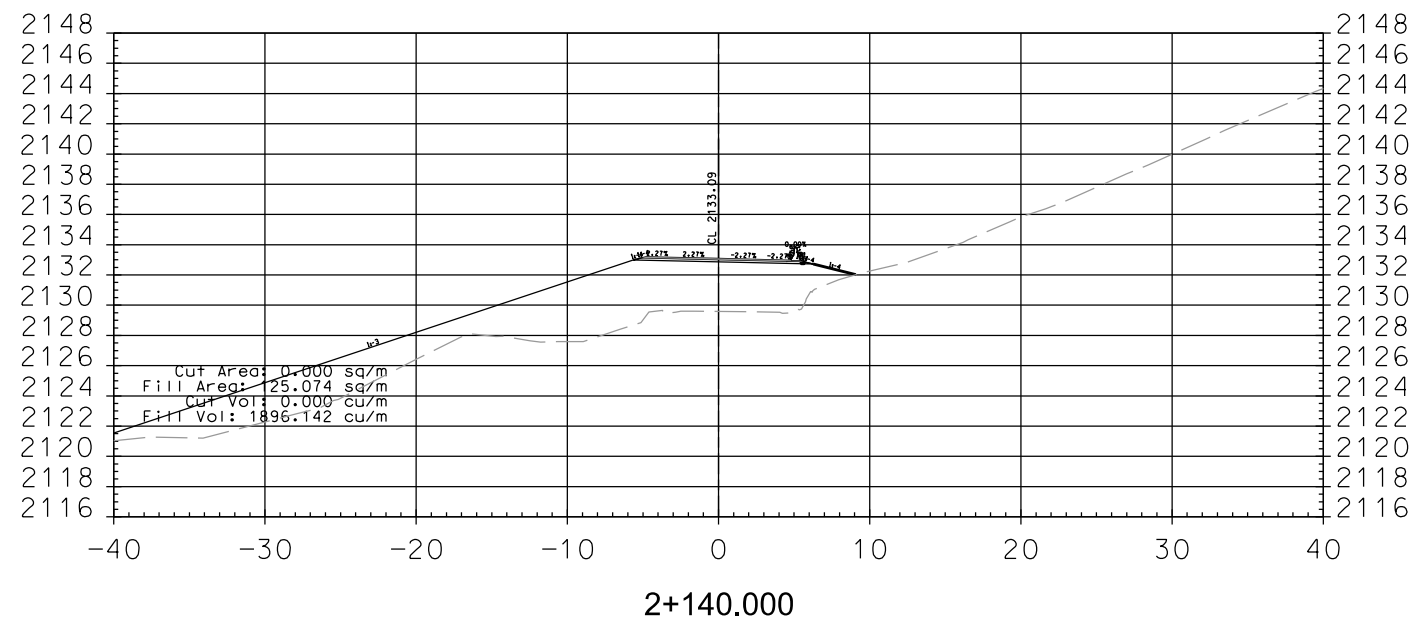
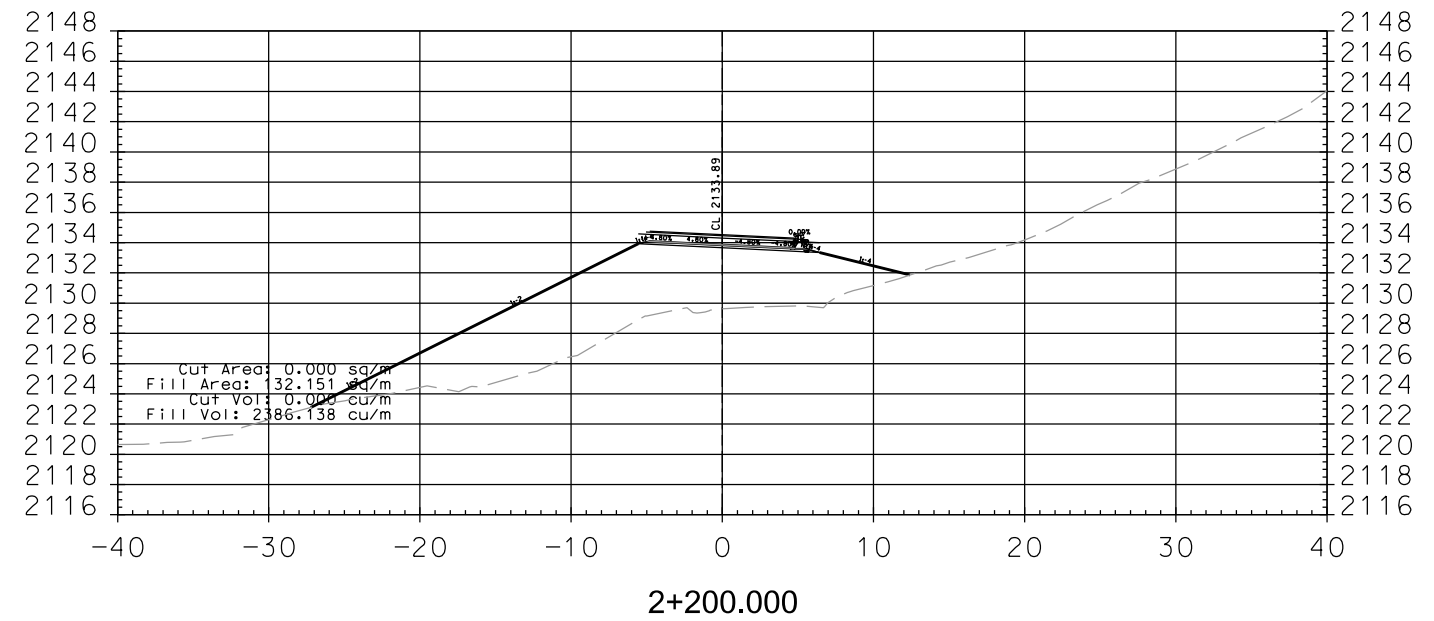
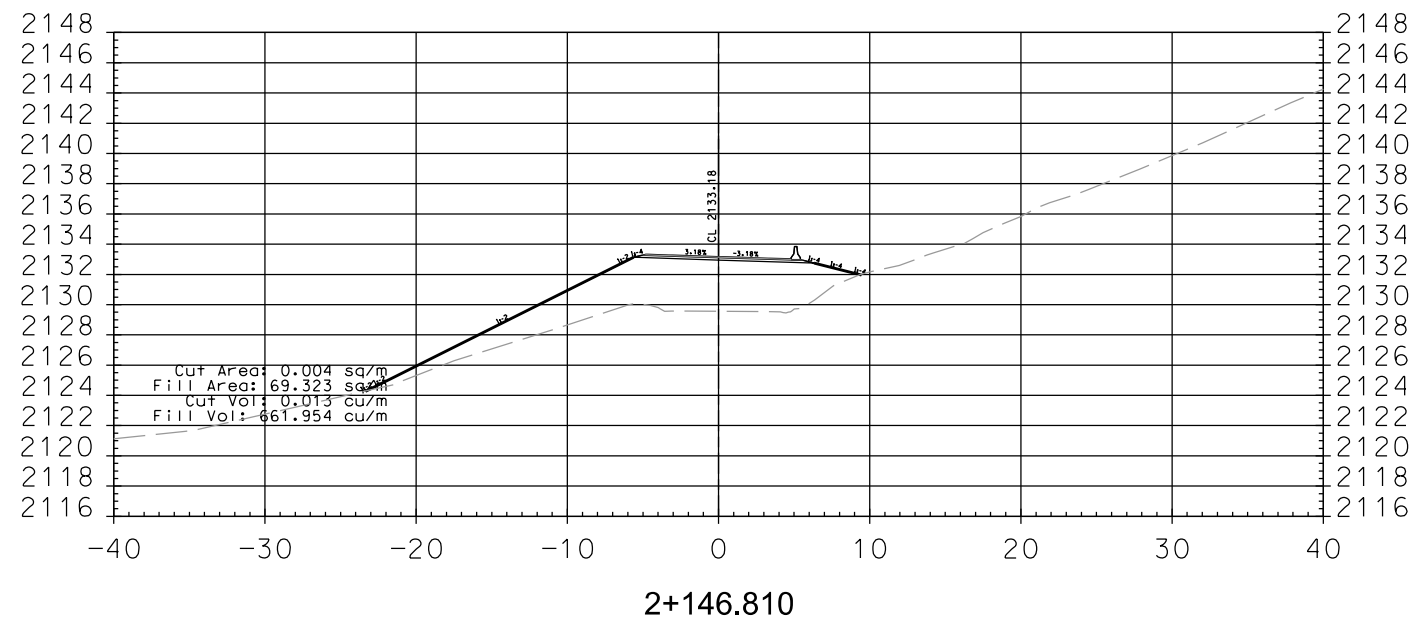
1+821.612

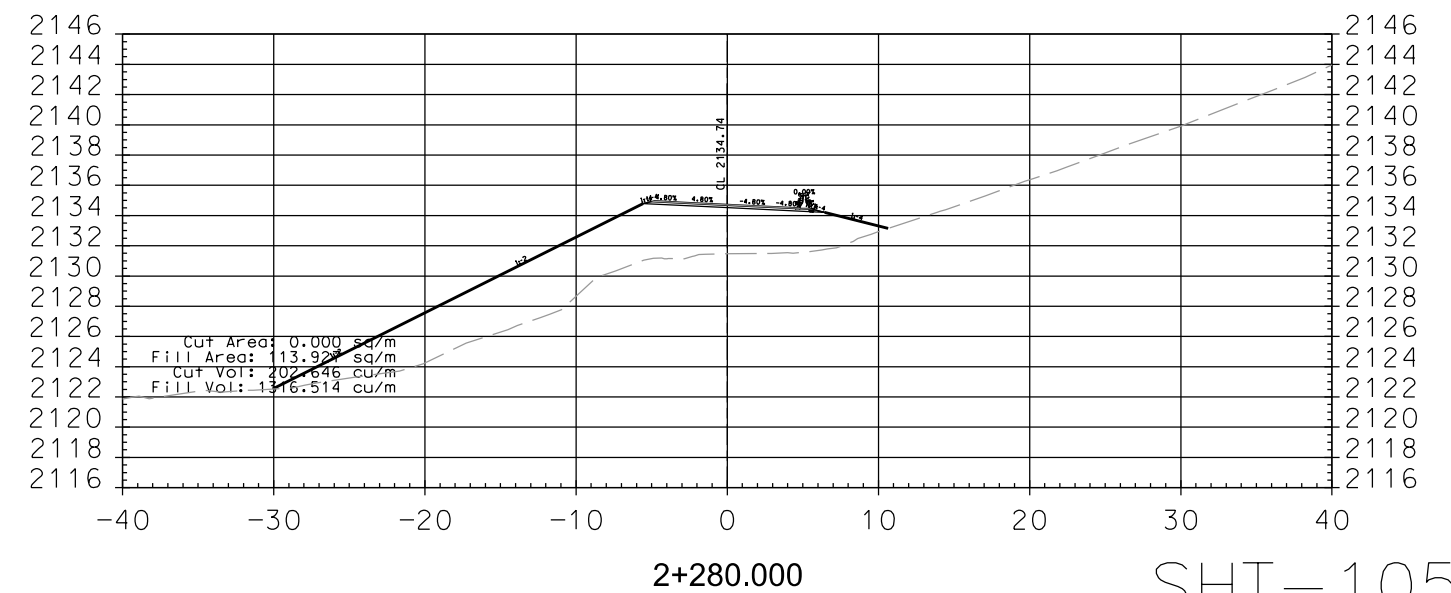
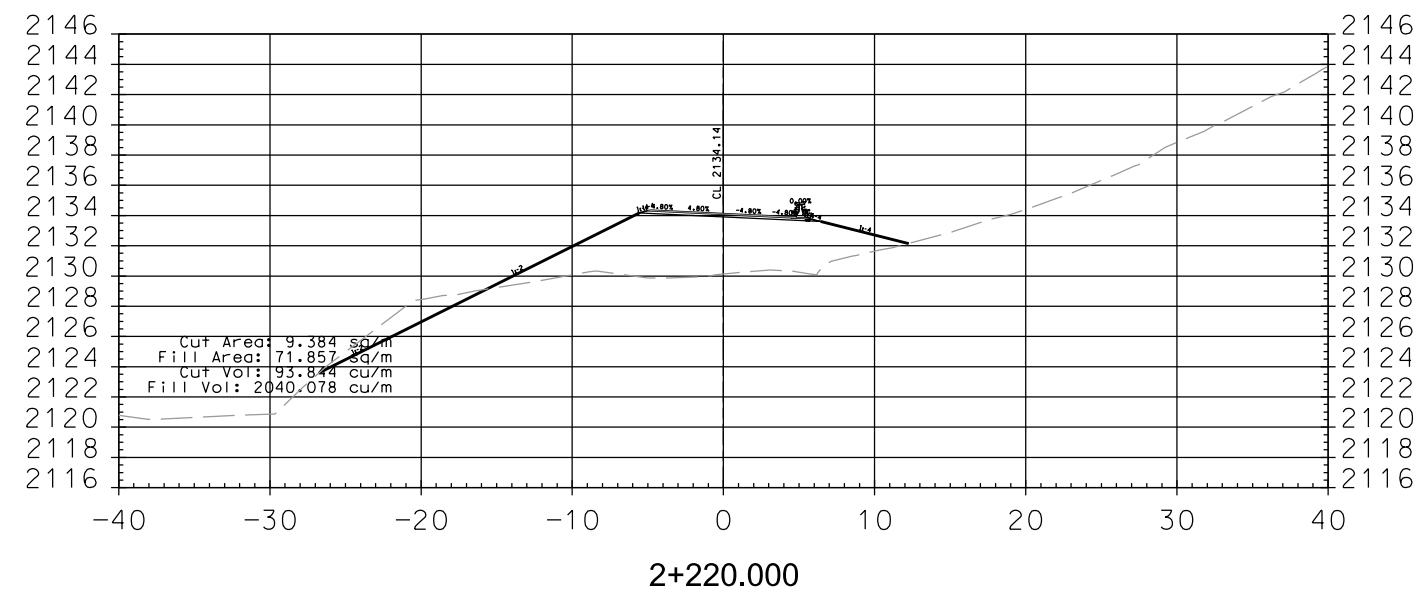
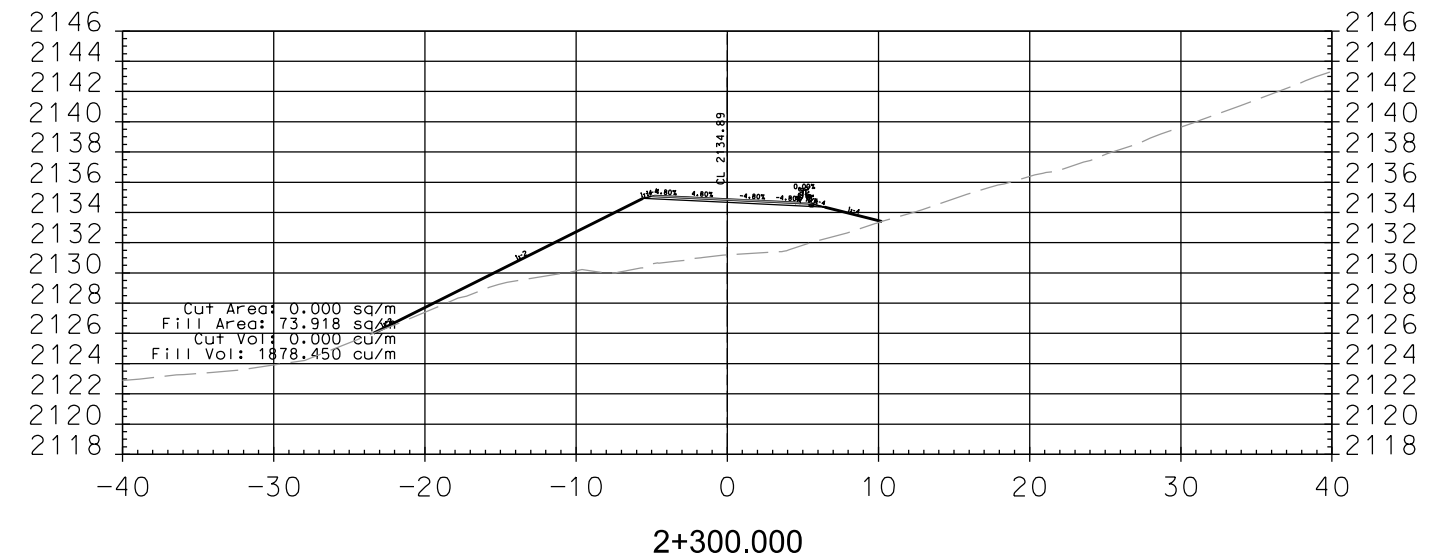
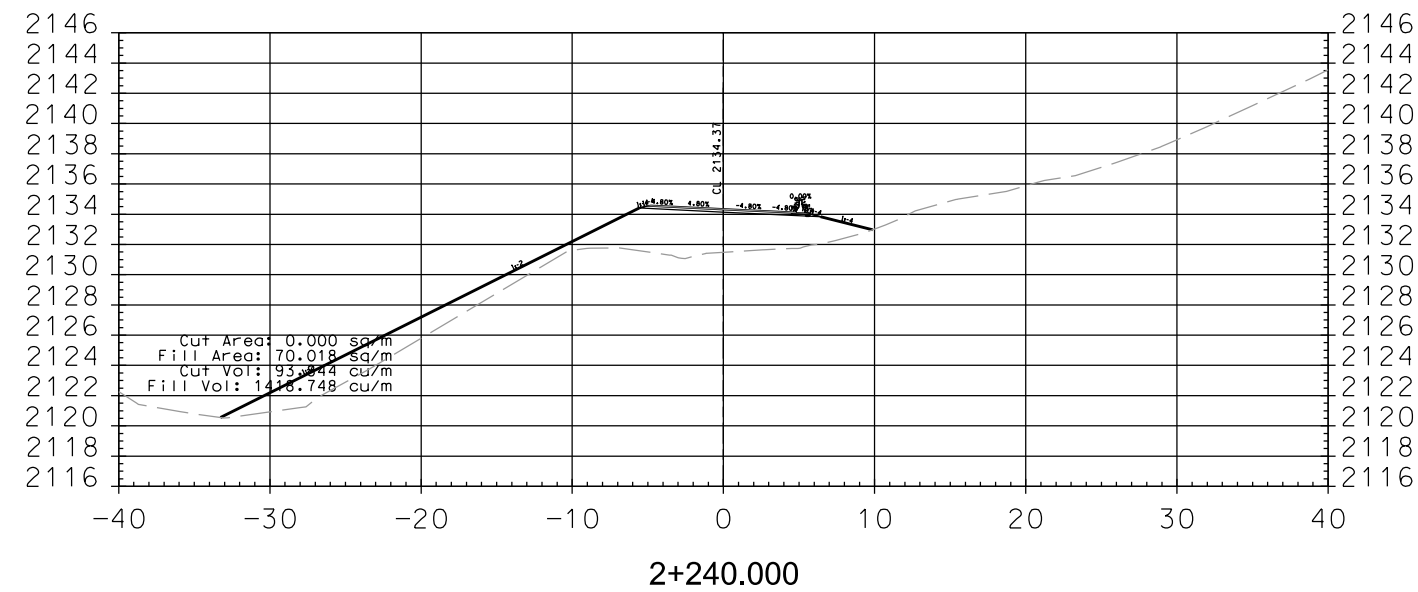
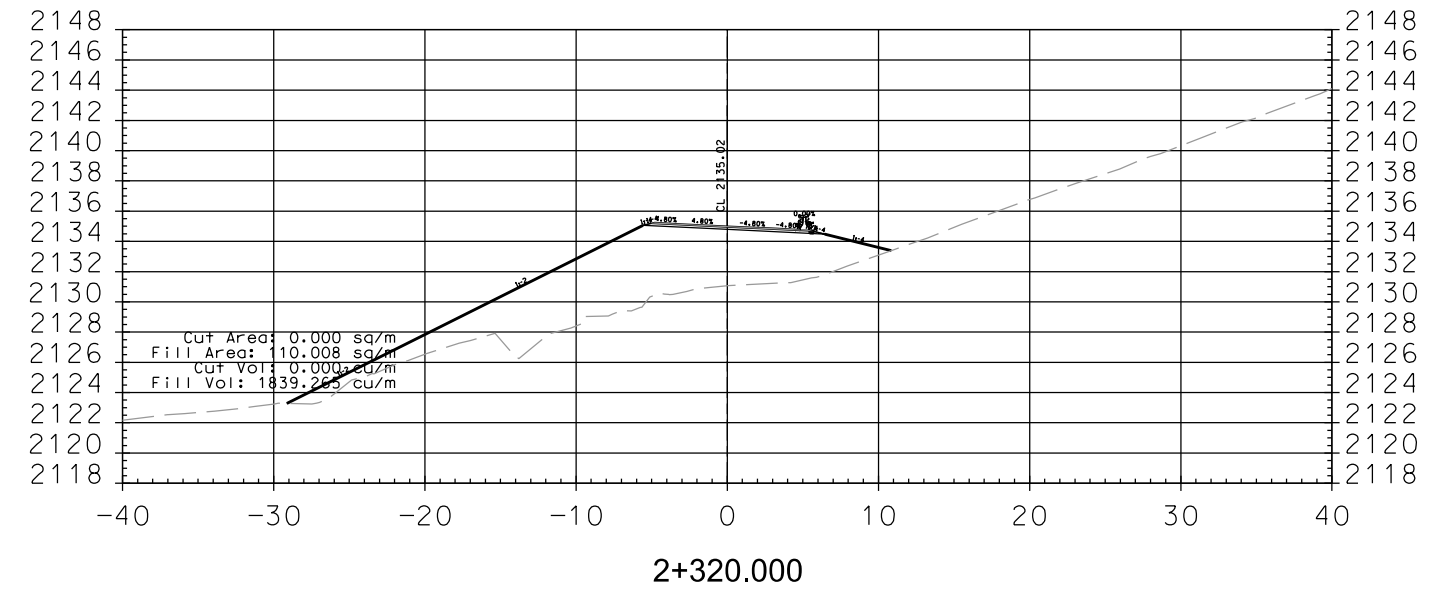
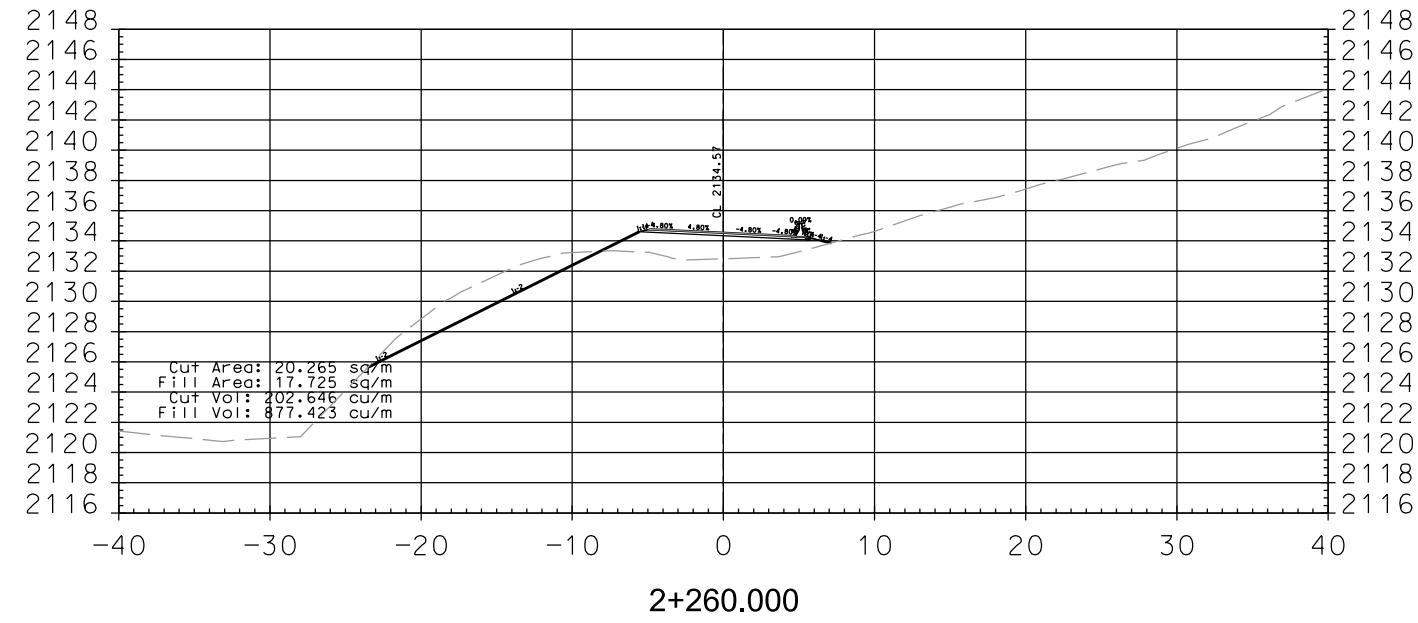


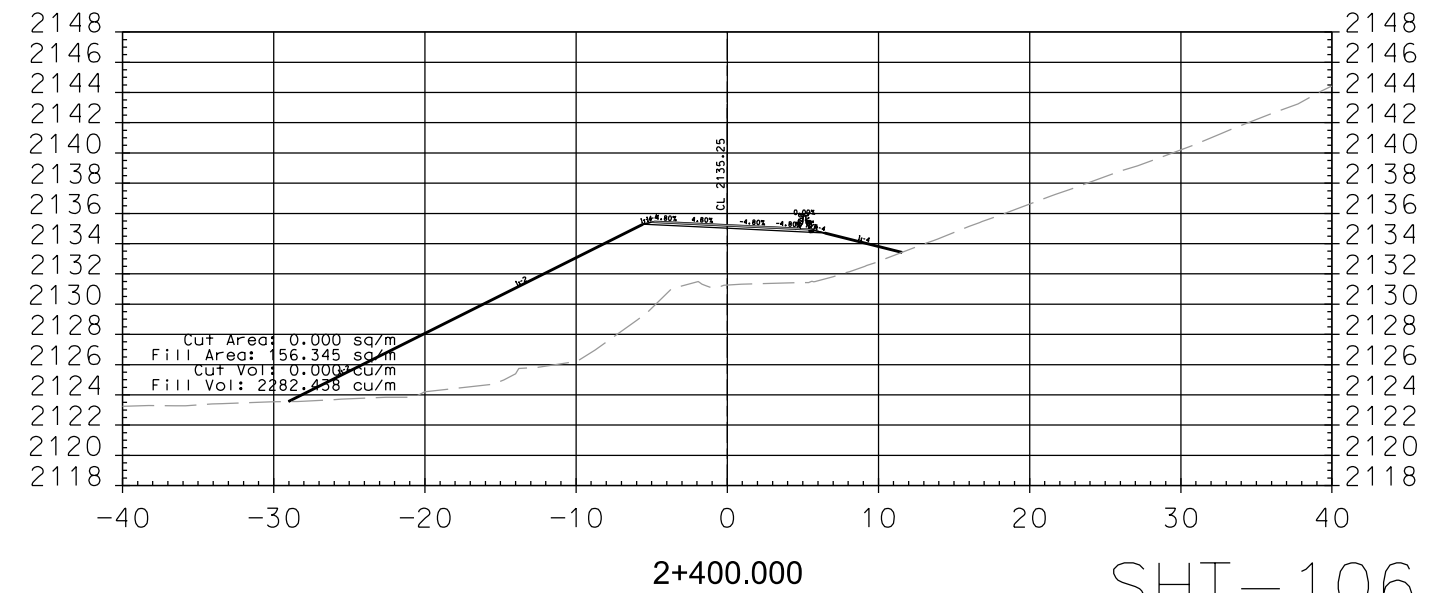
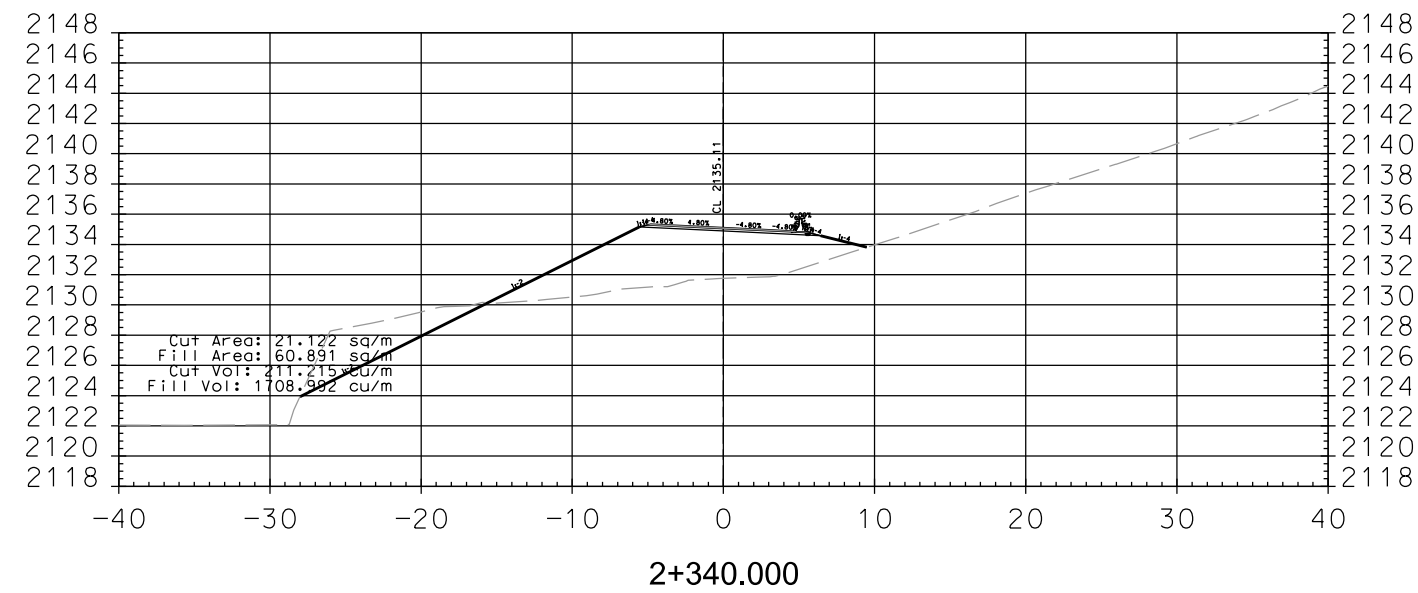
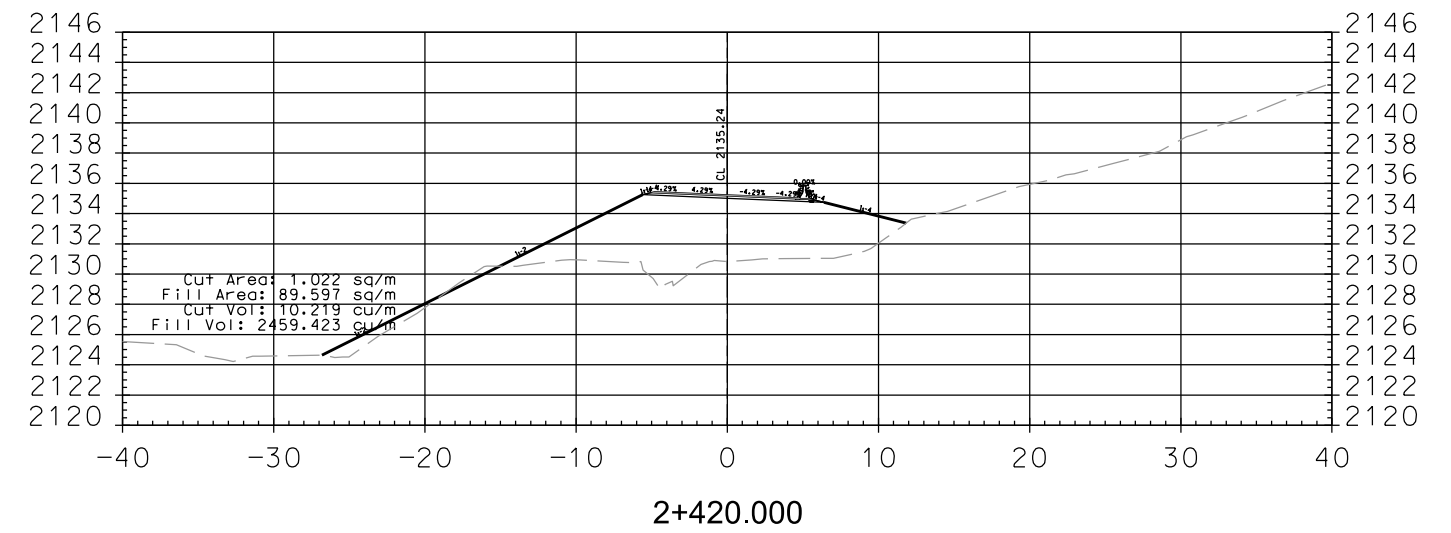
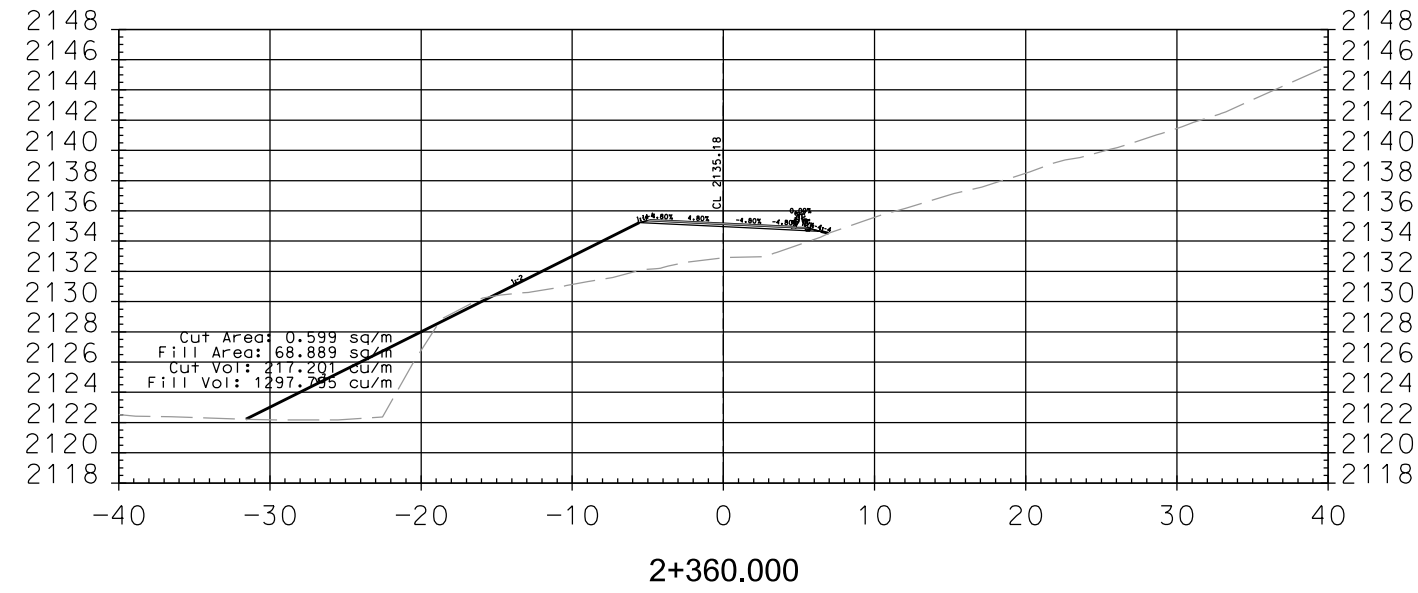
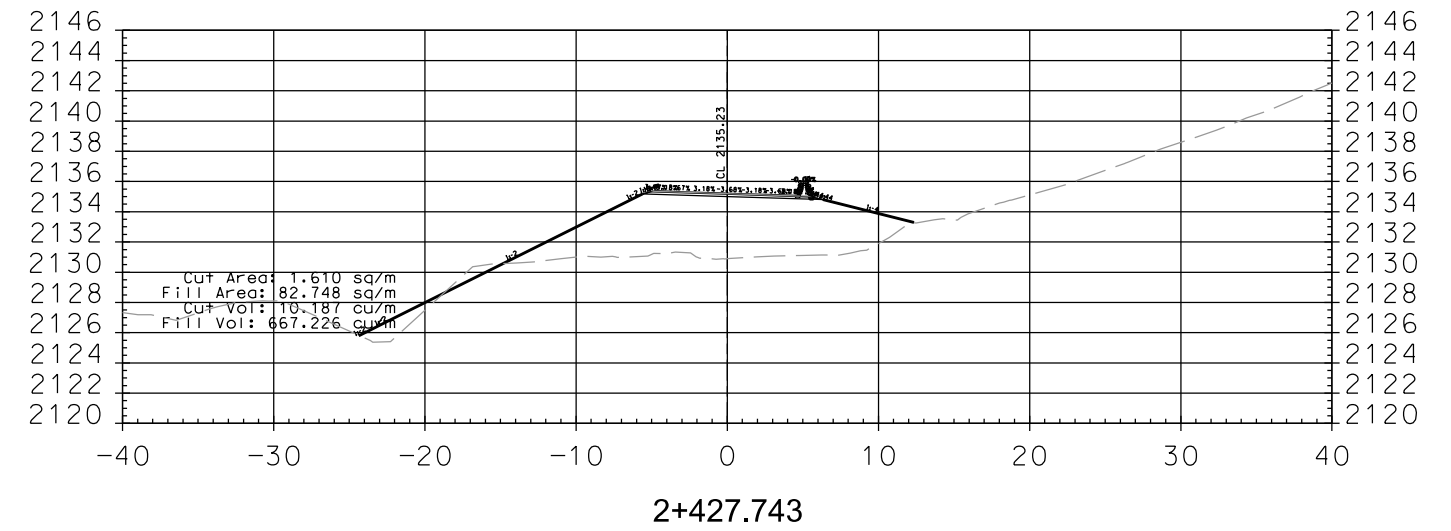
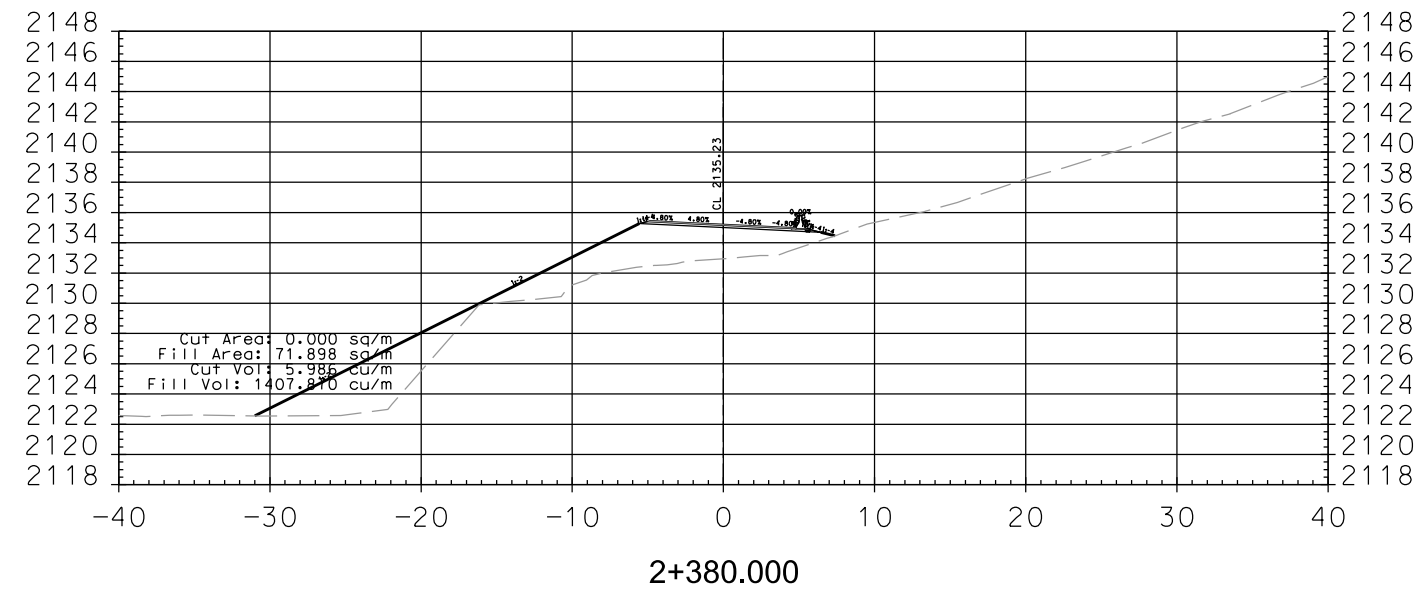
1+860.000

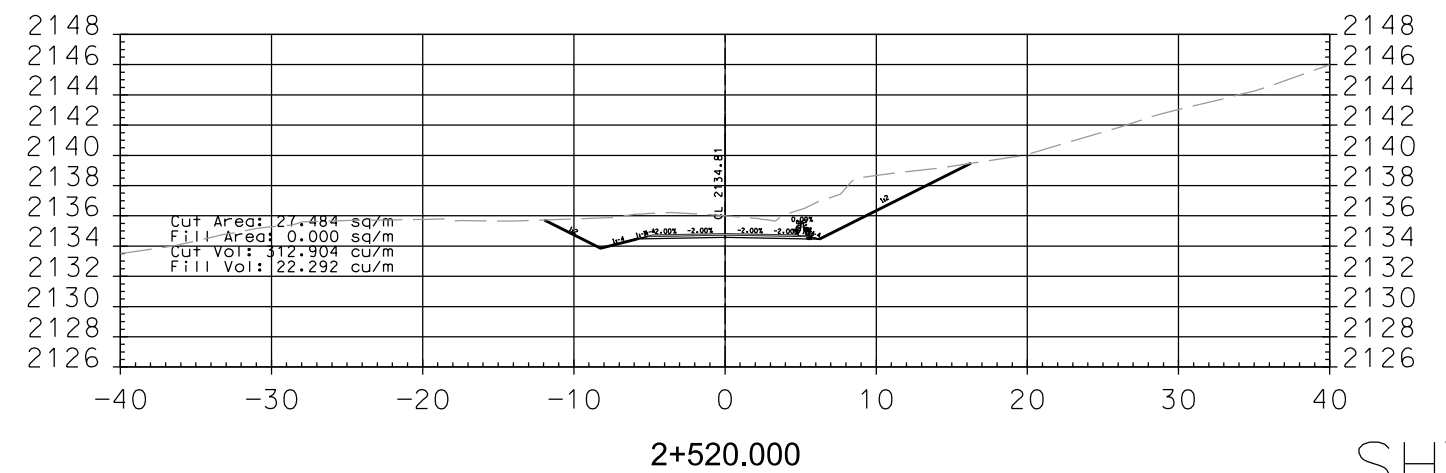
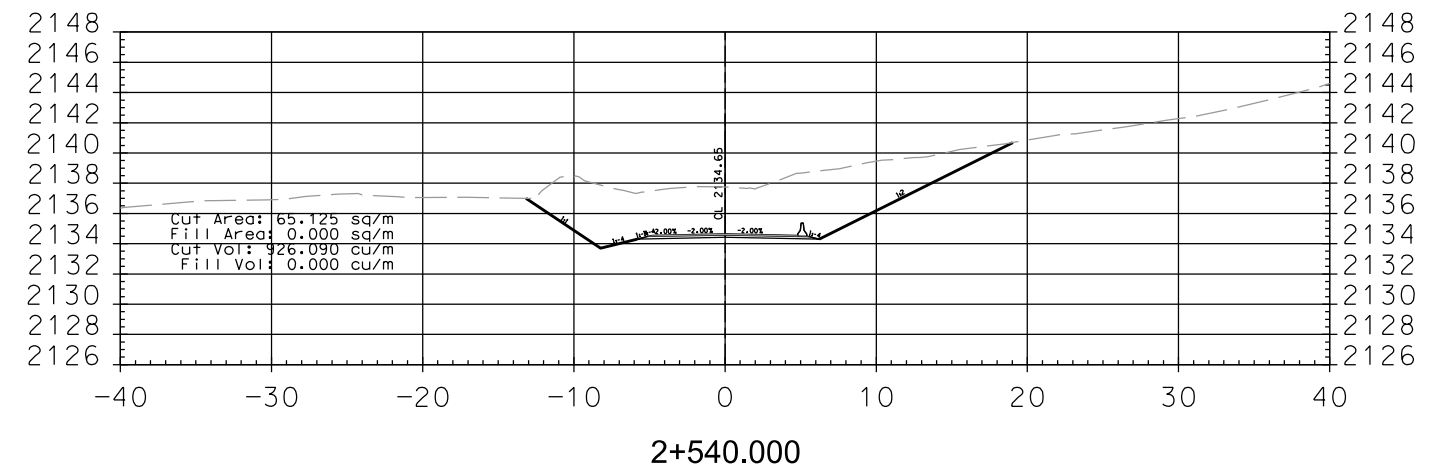
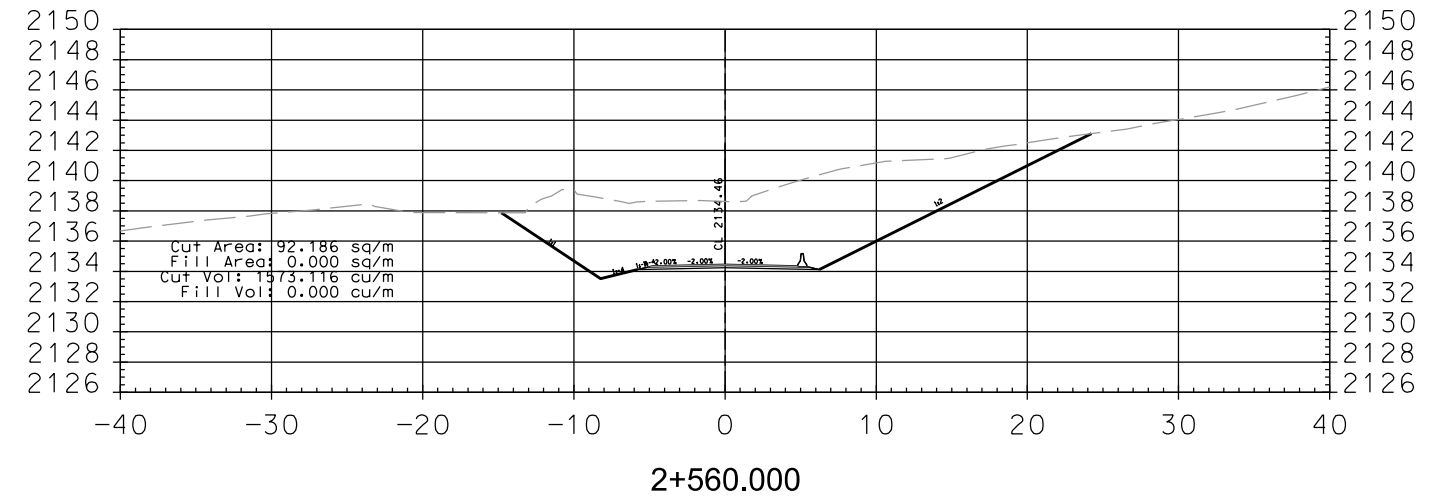
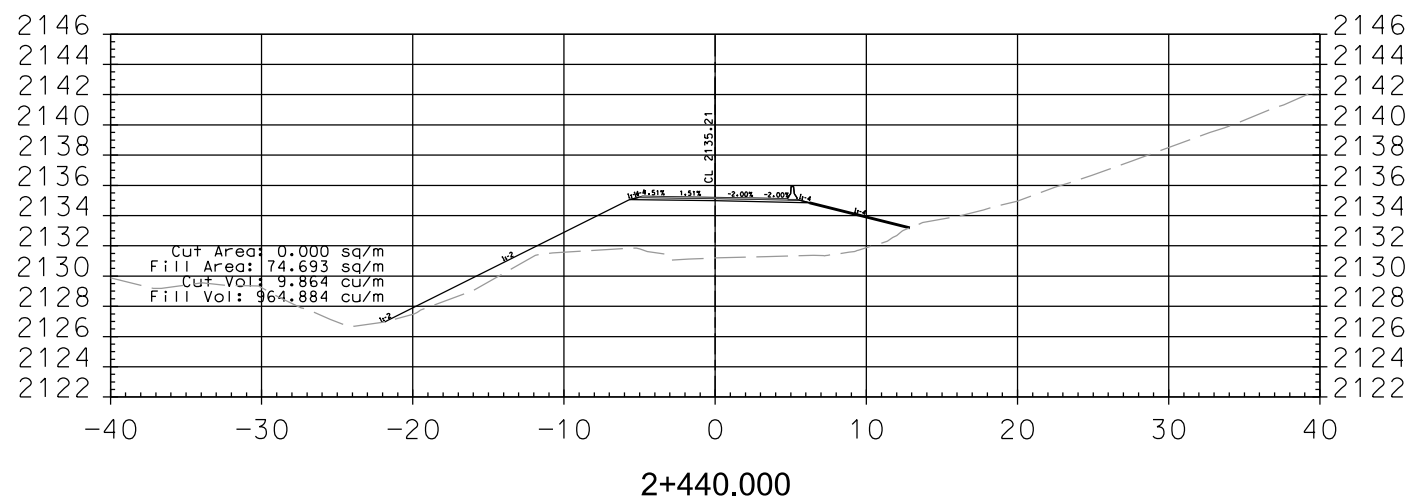
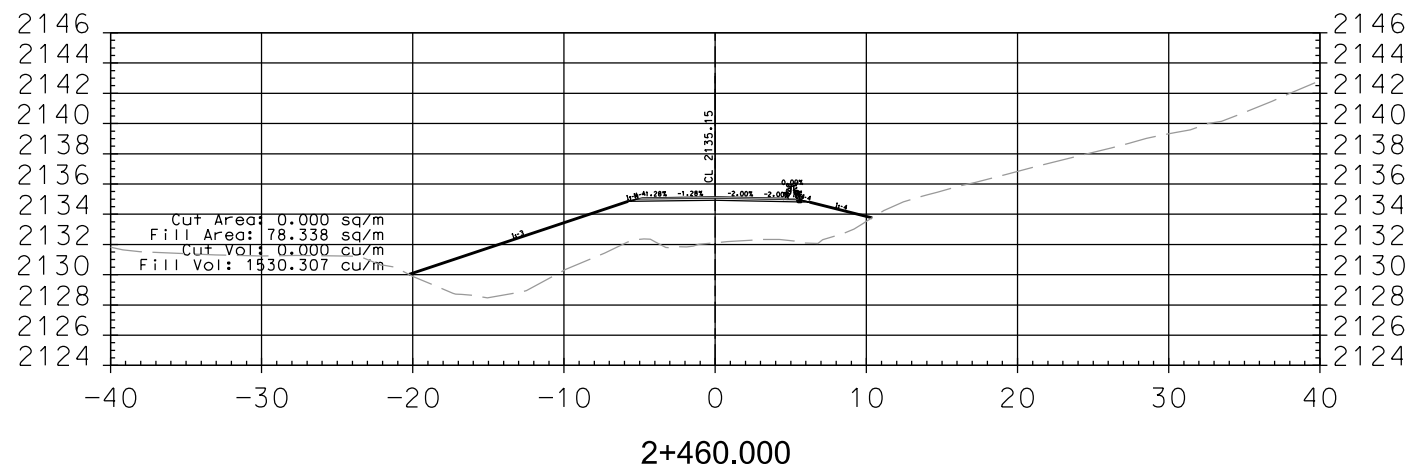
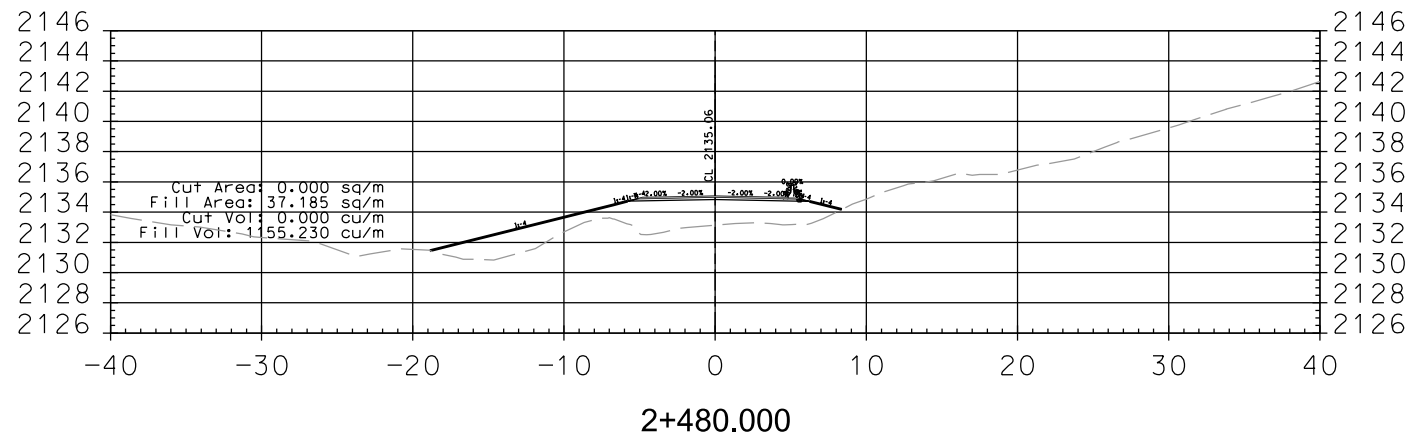
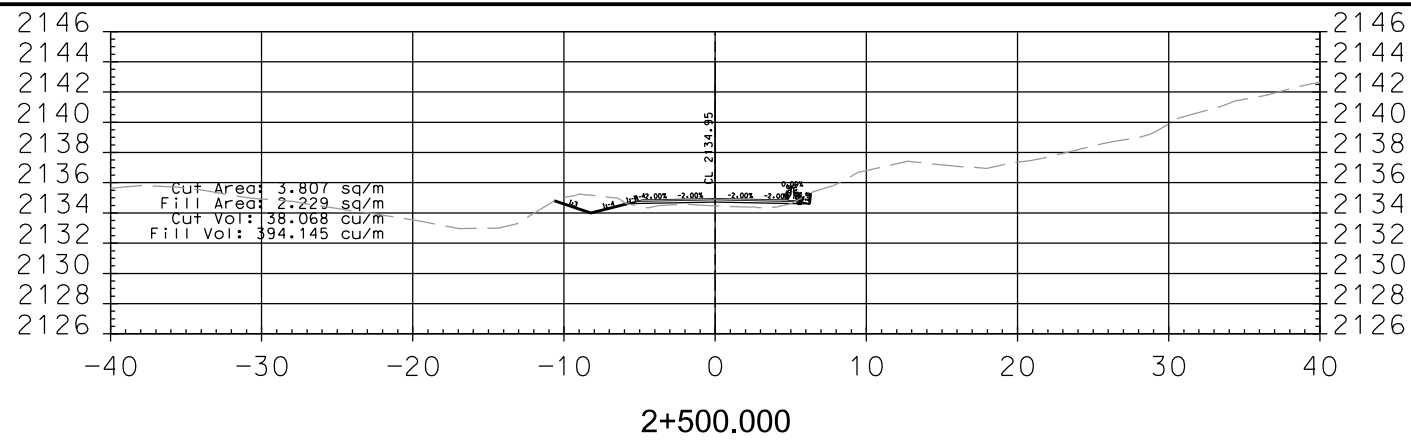


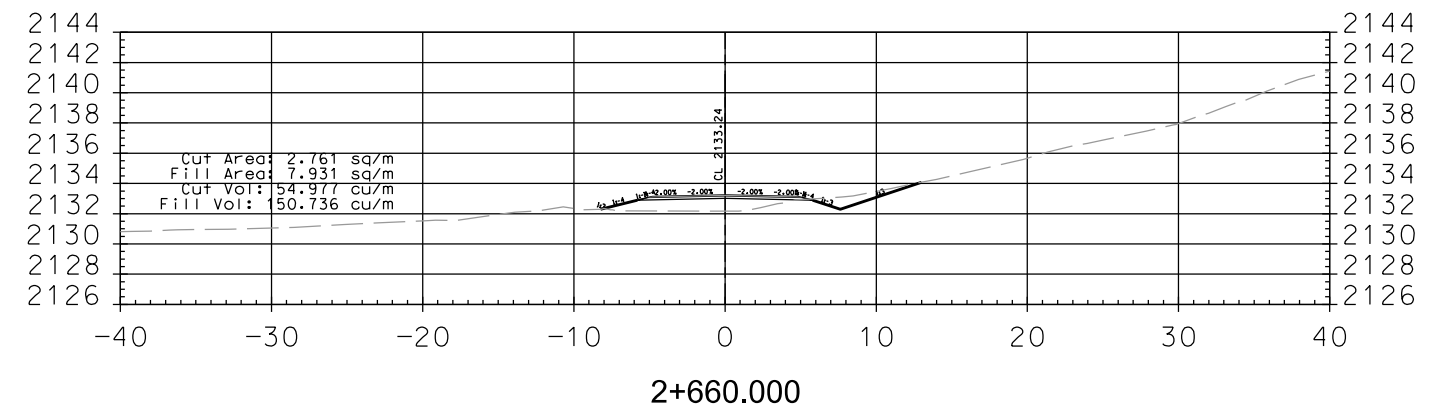
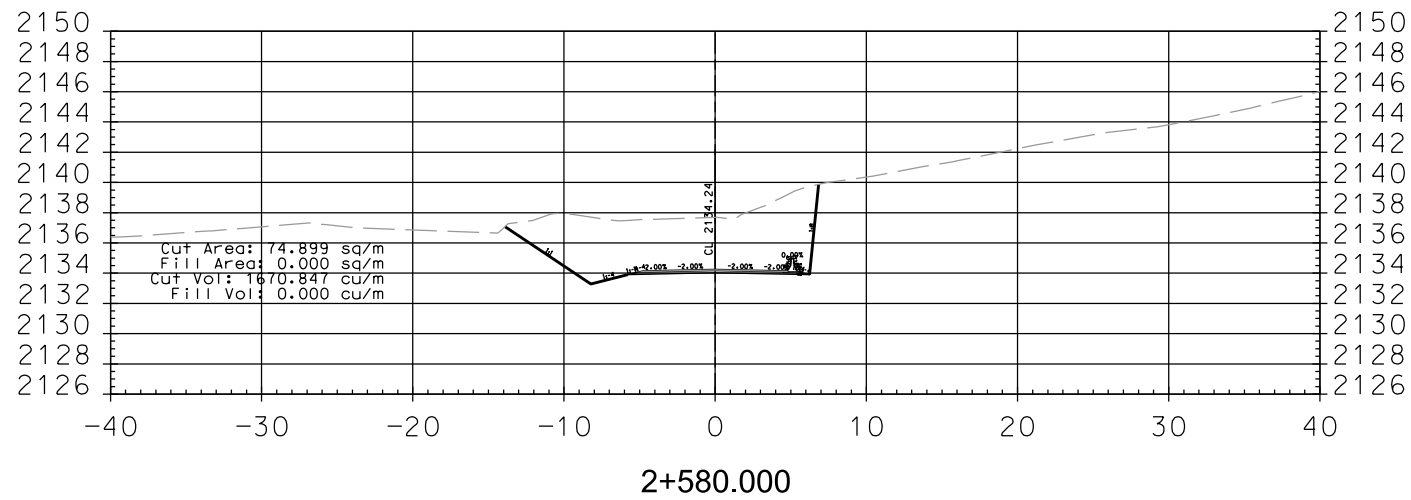
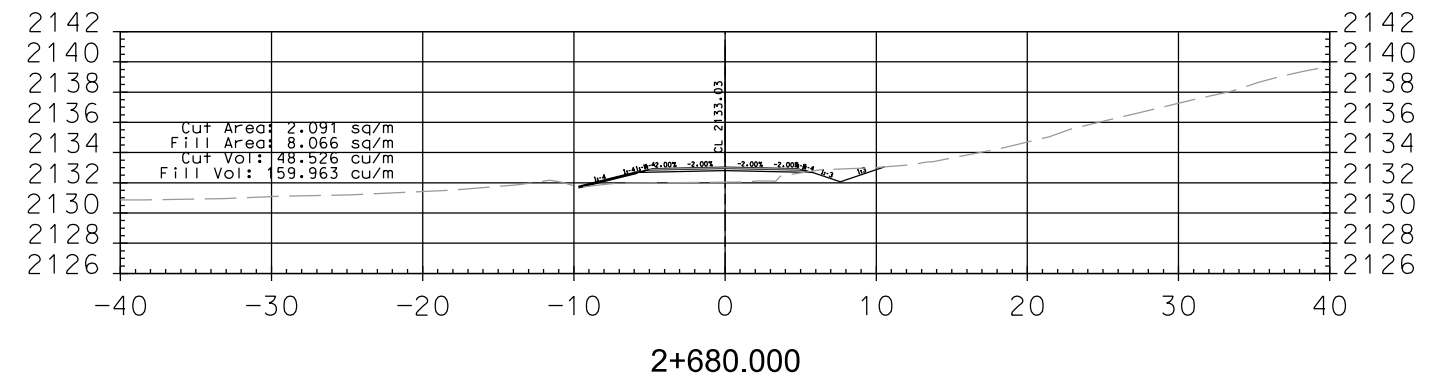
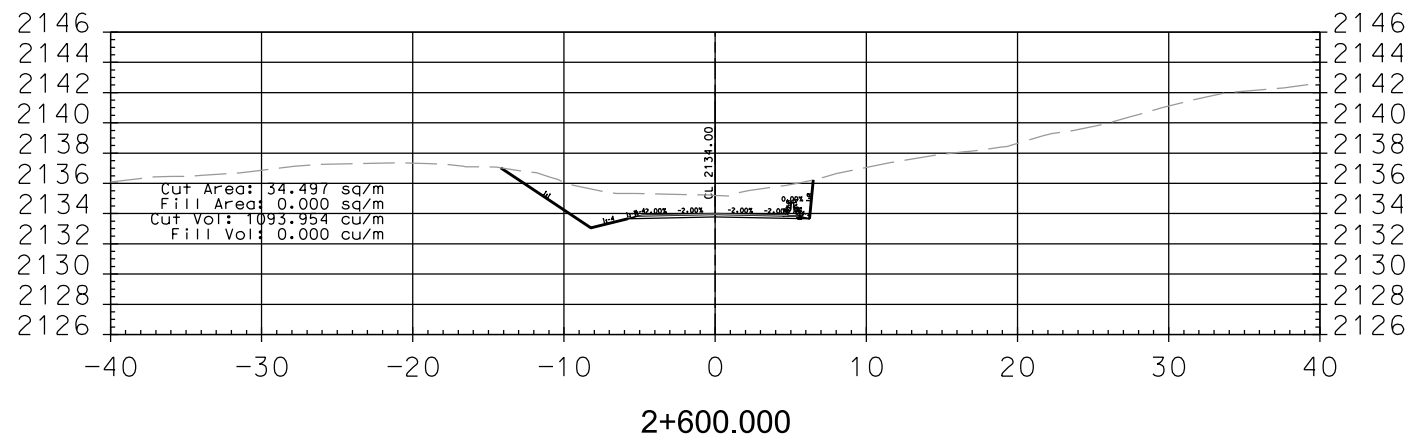
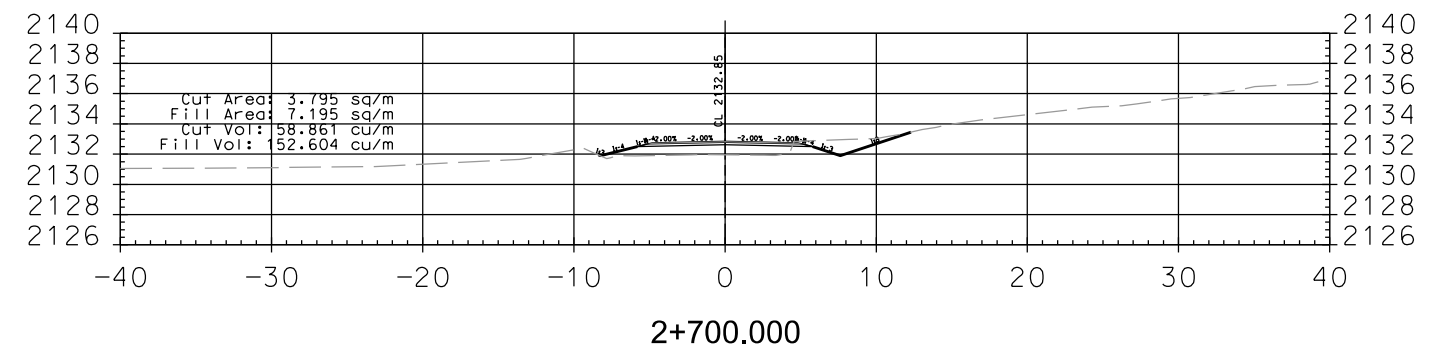
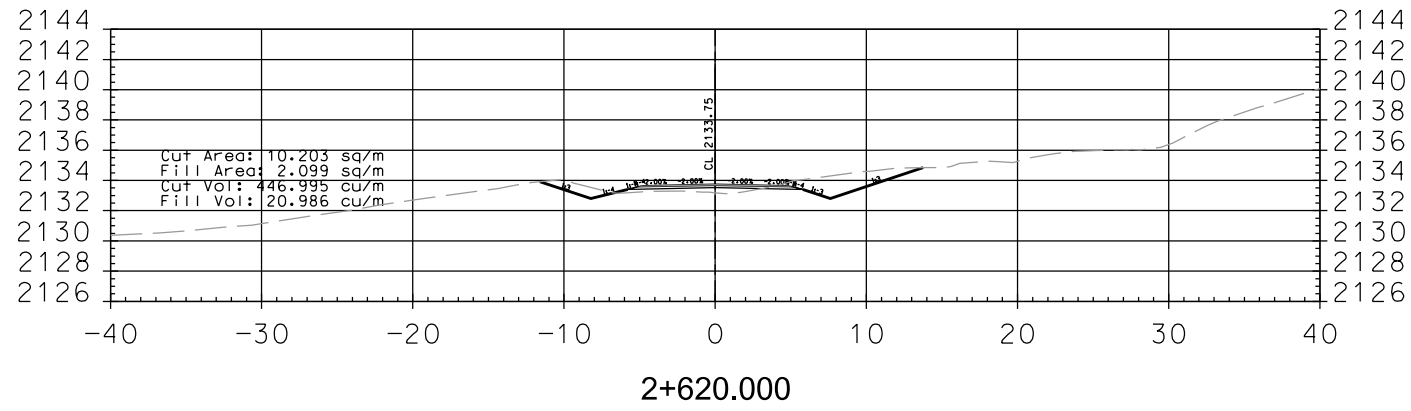
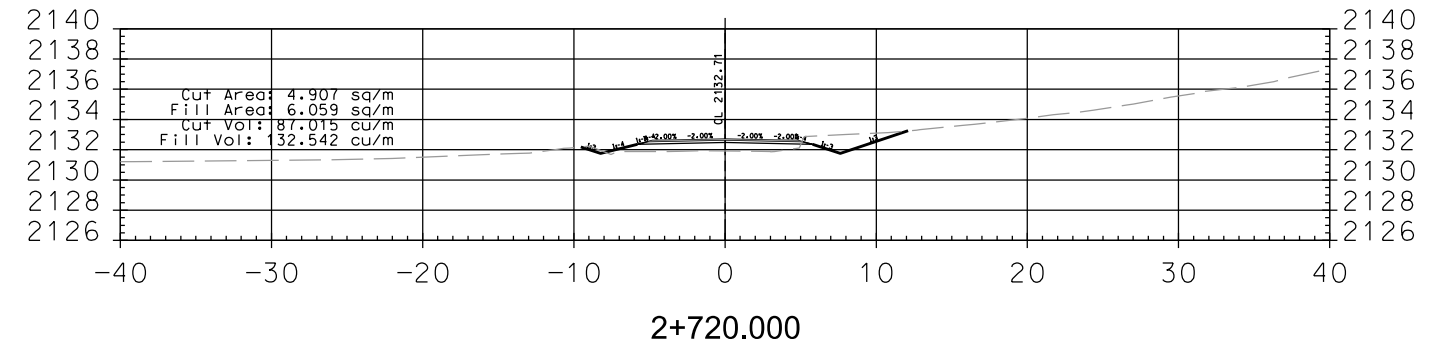
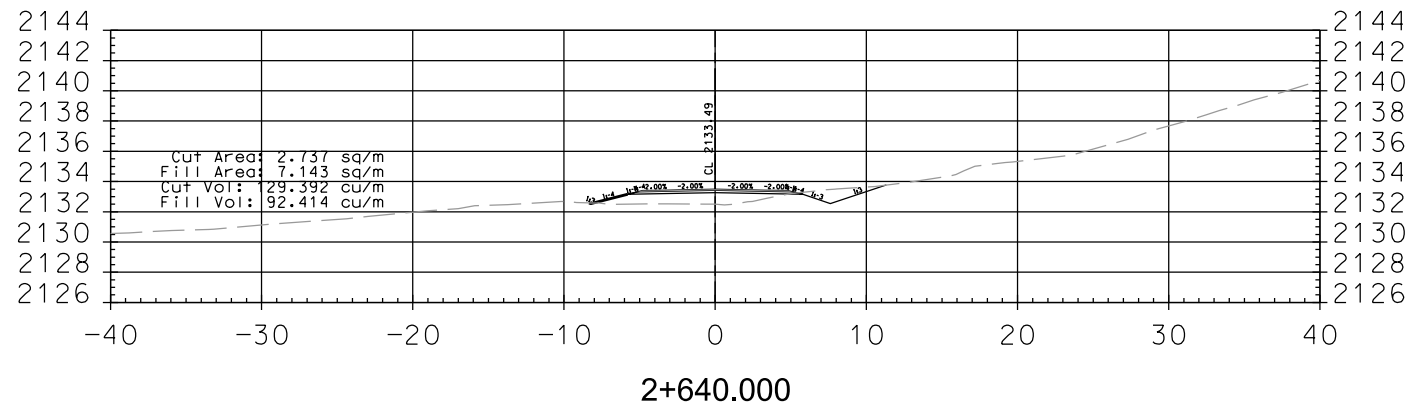


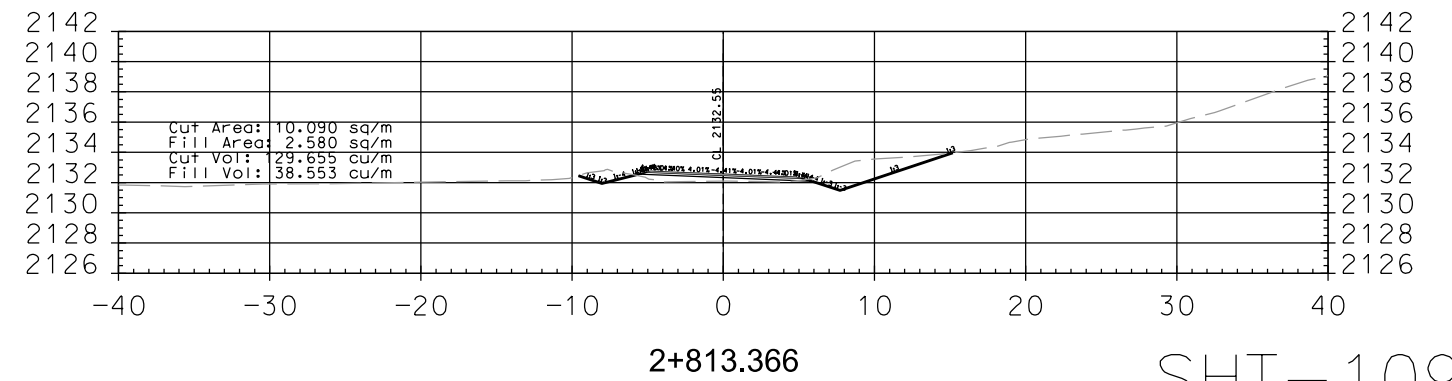
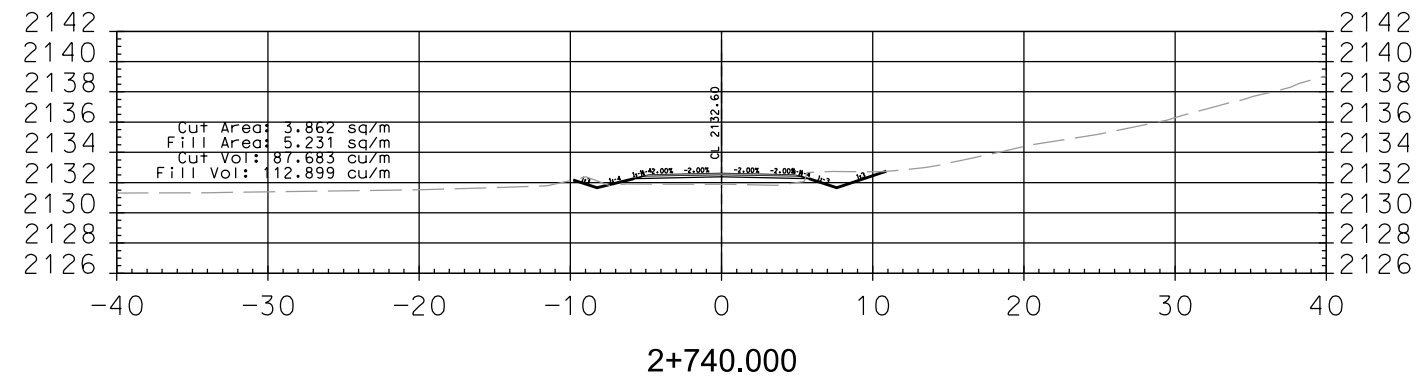
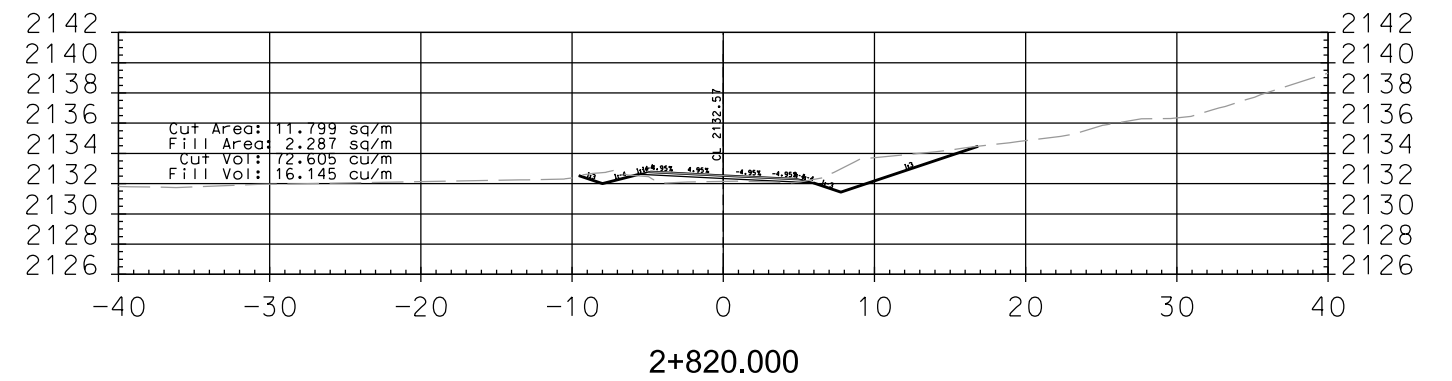
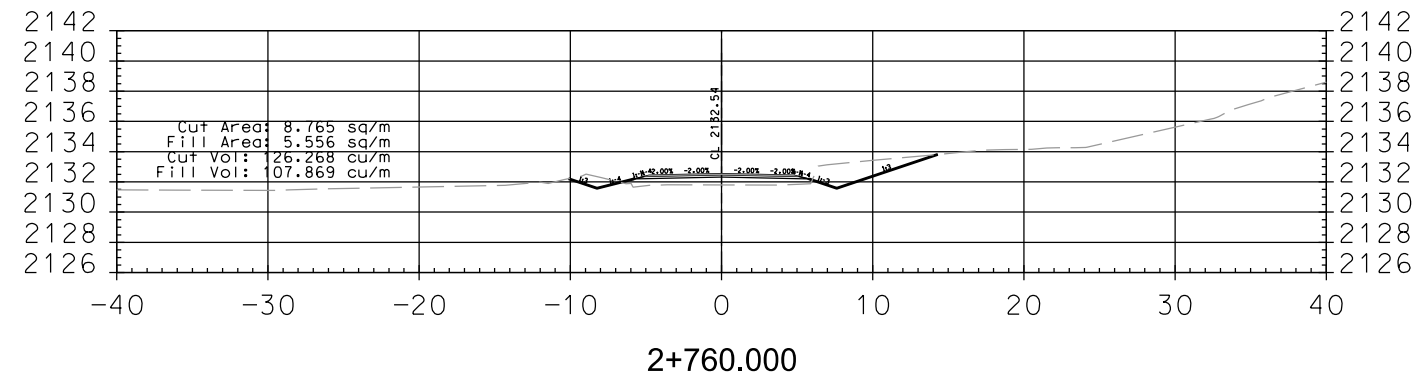
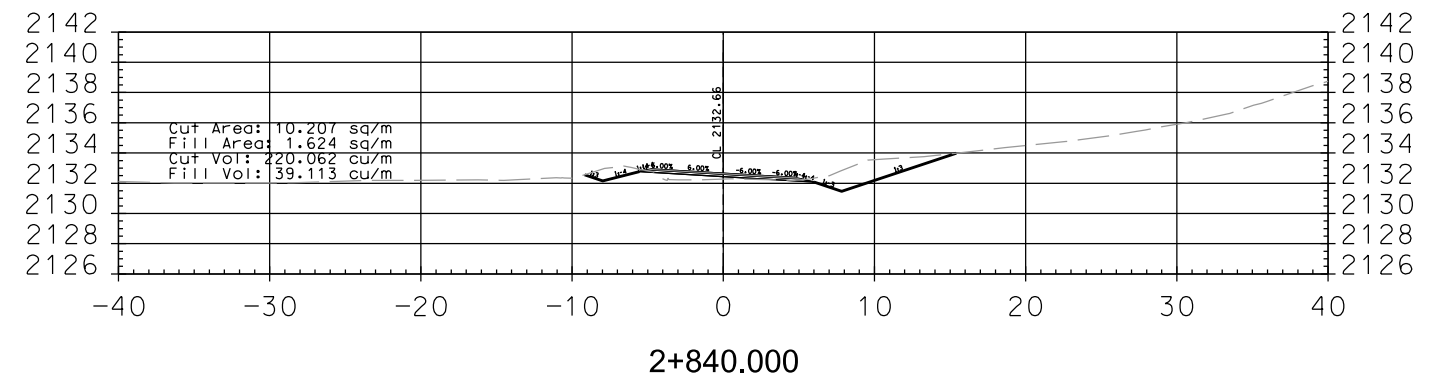
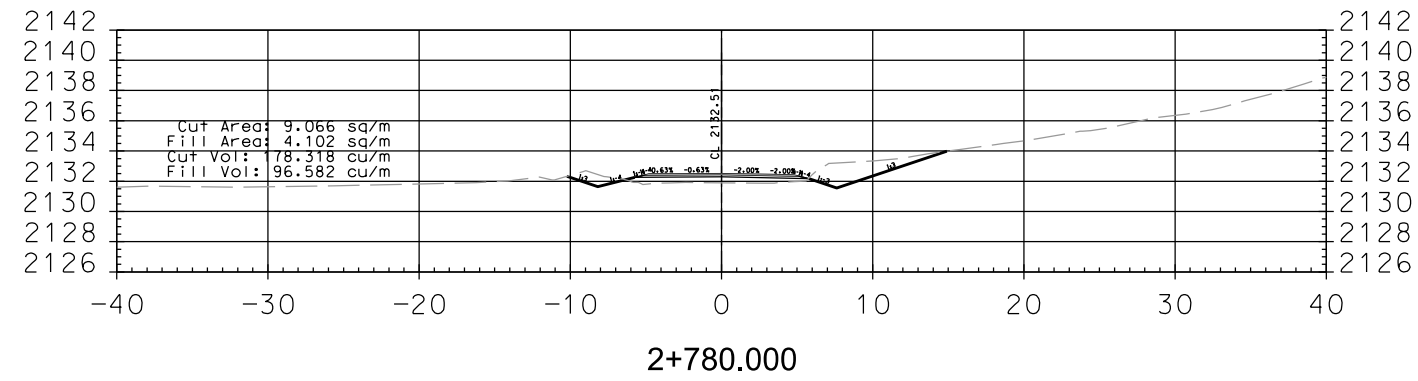
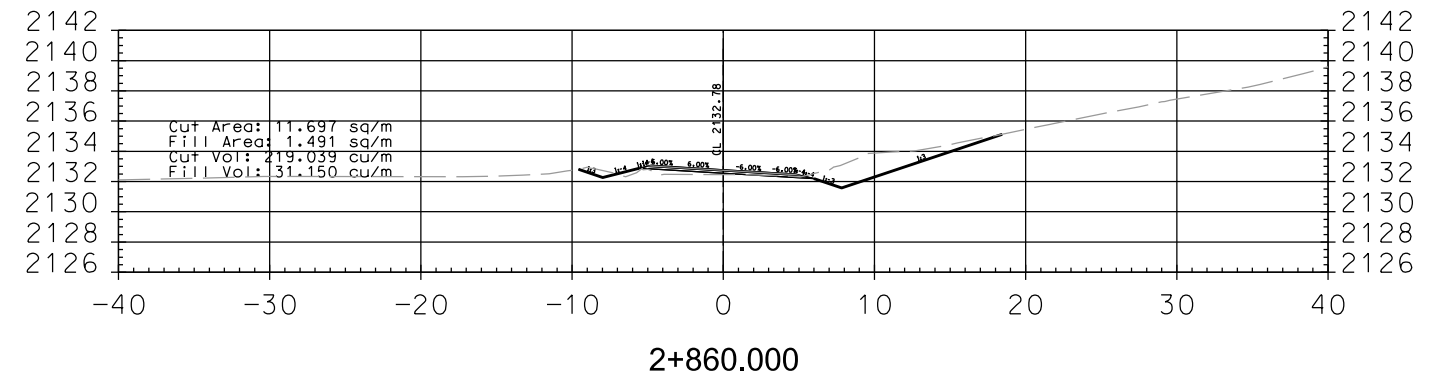
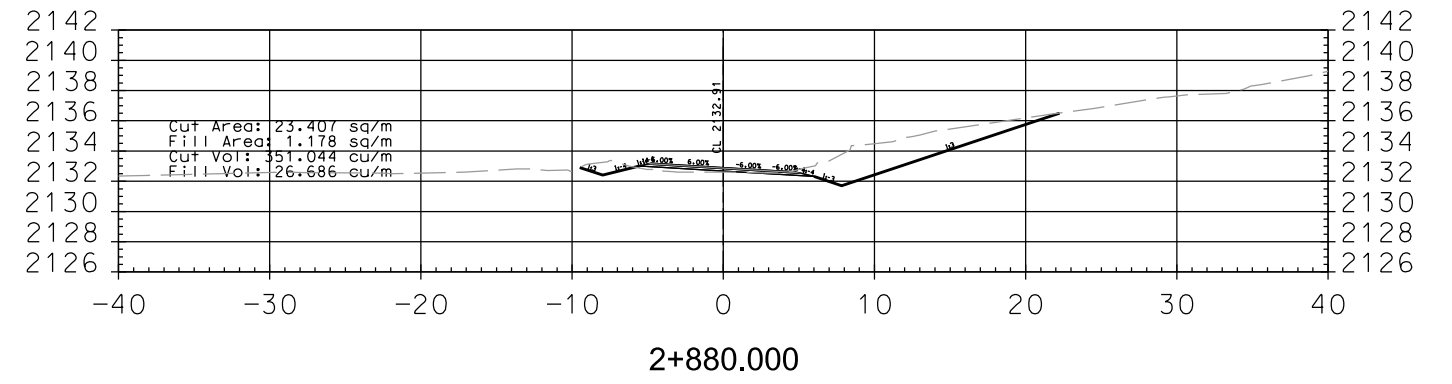
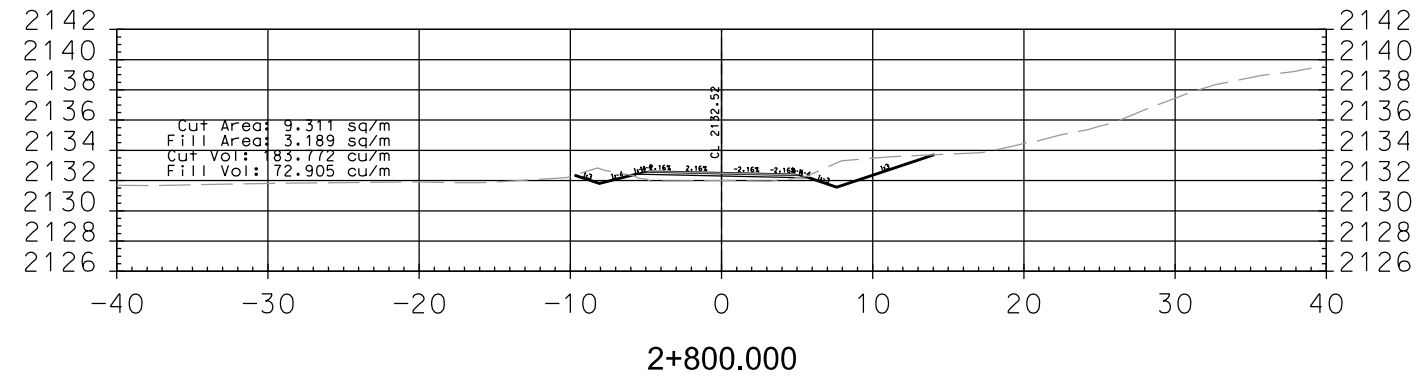


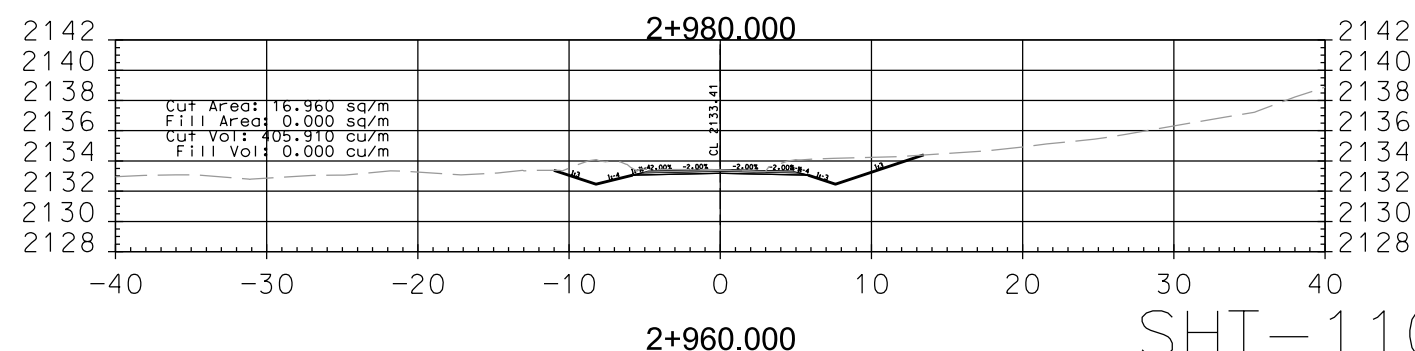
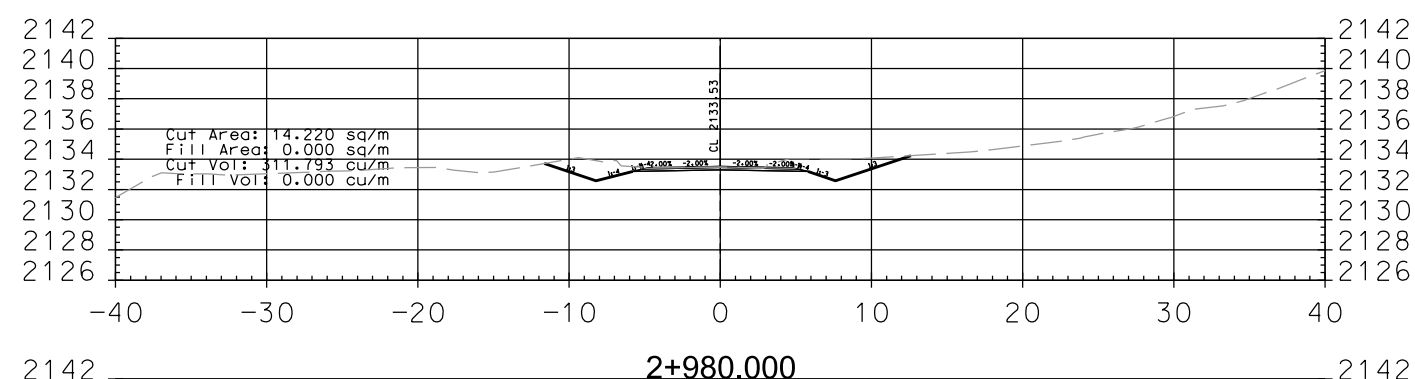
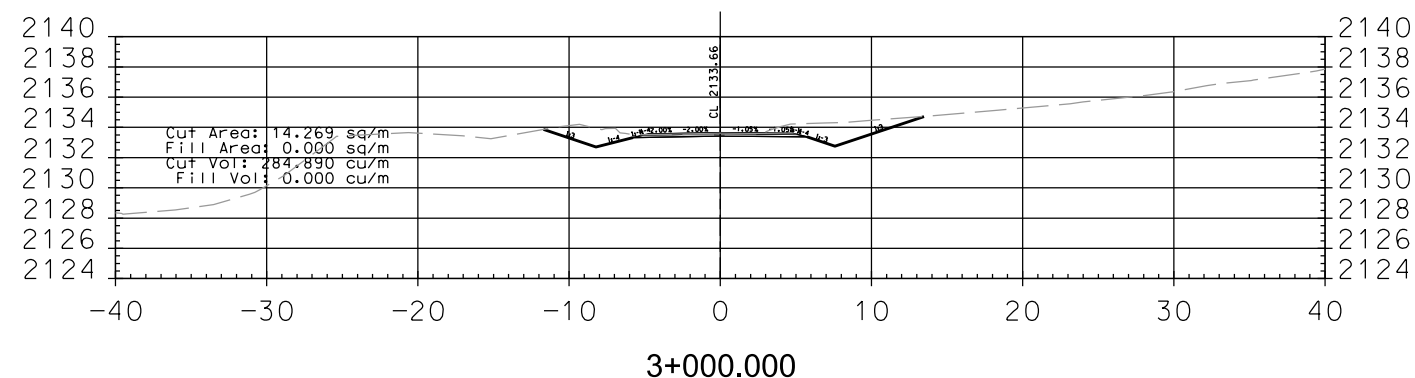
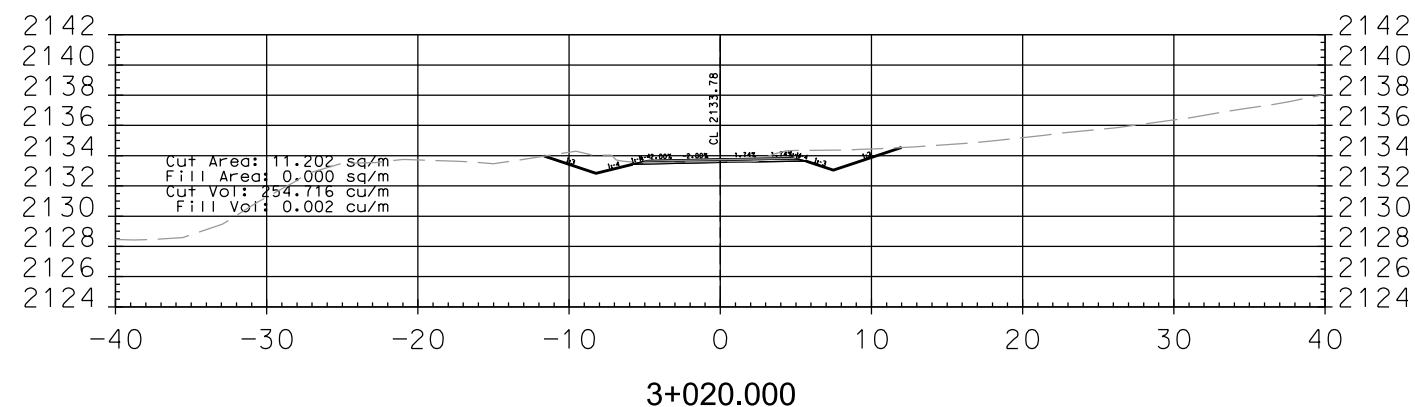
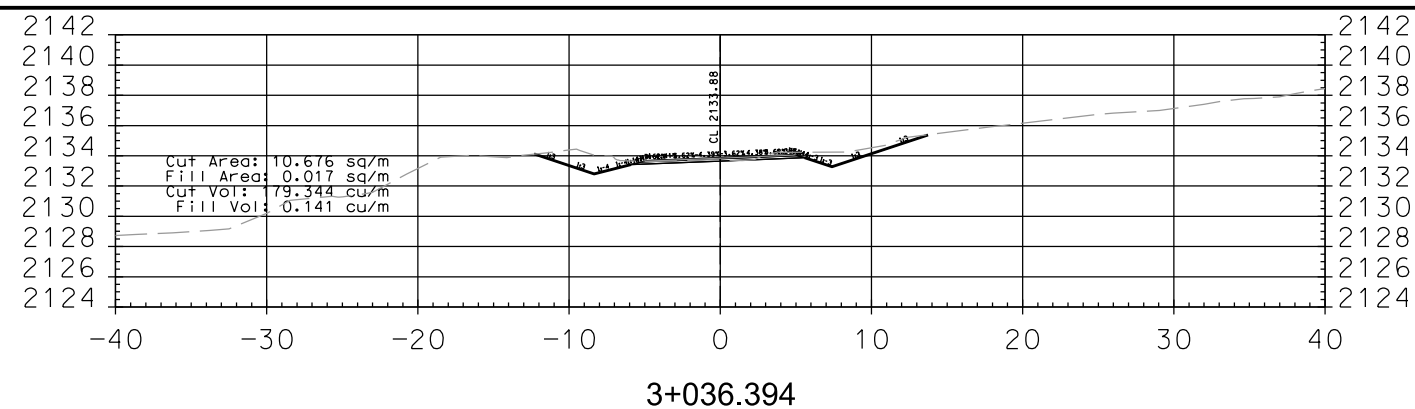
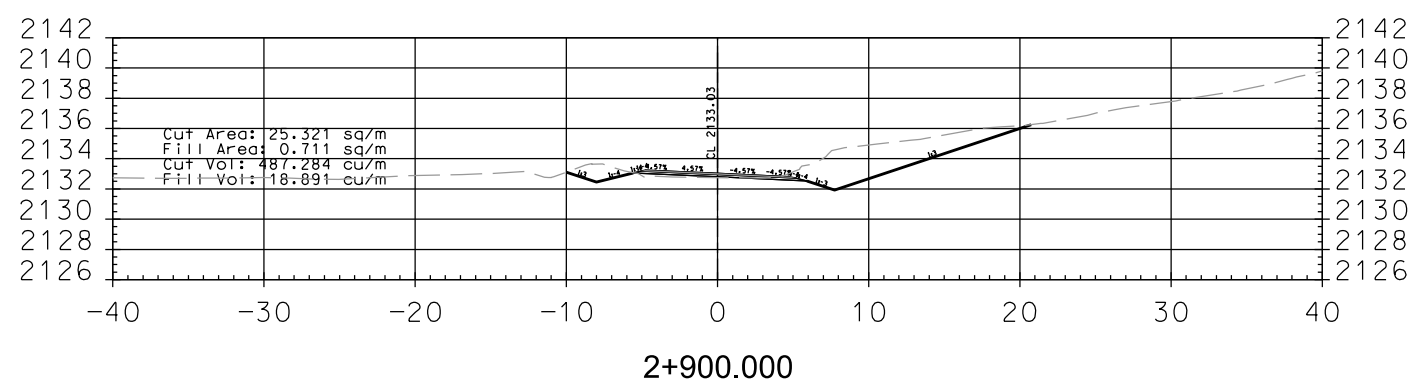
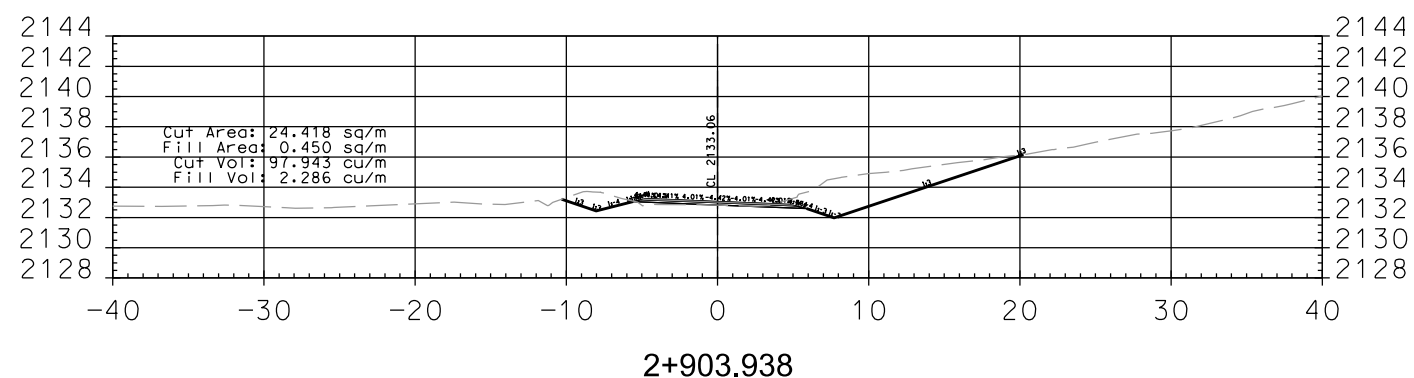
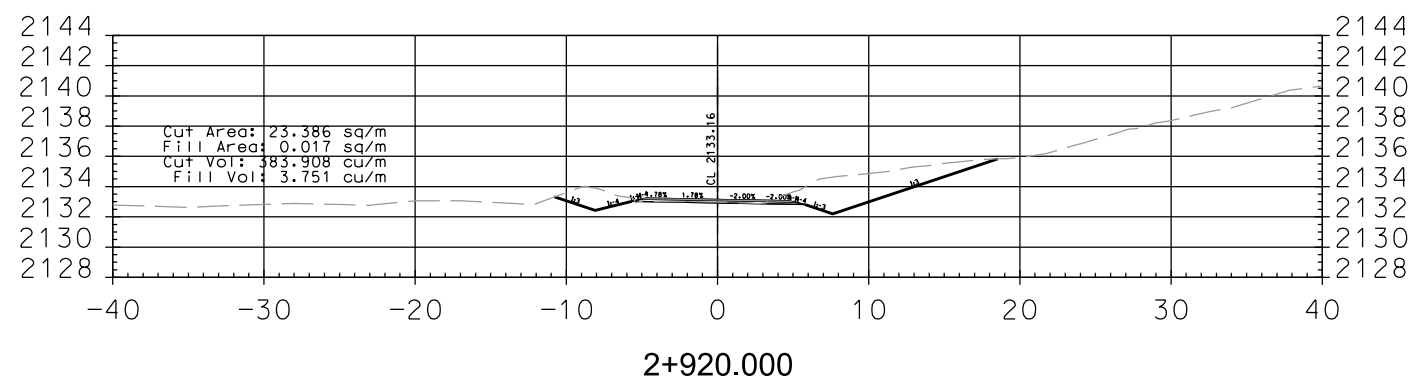
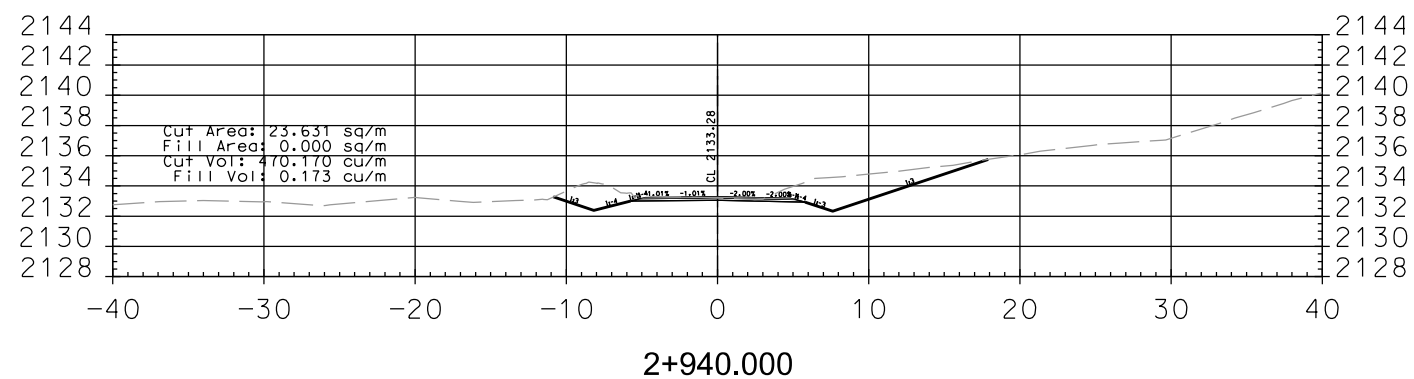


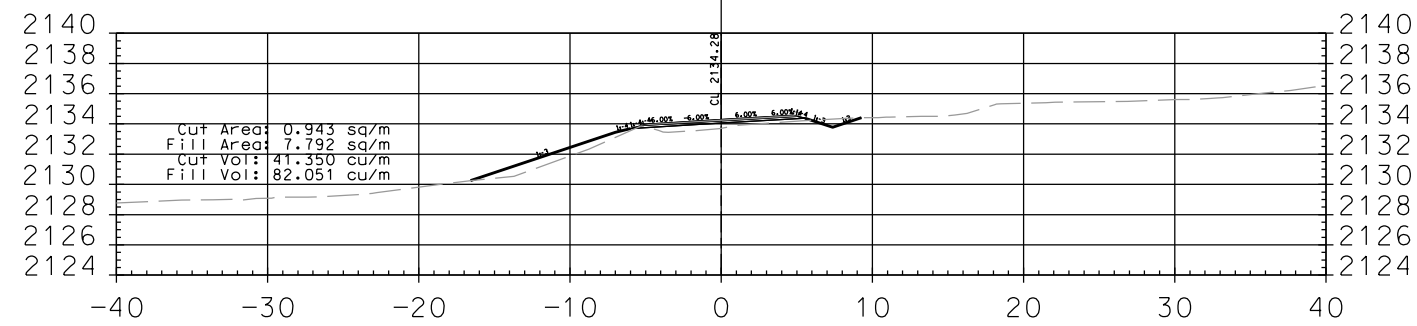




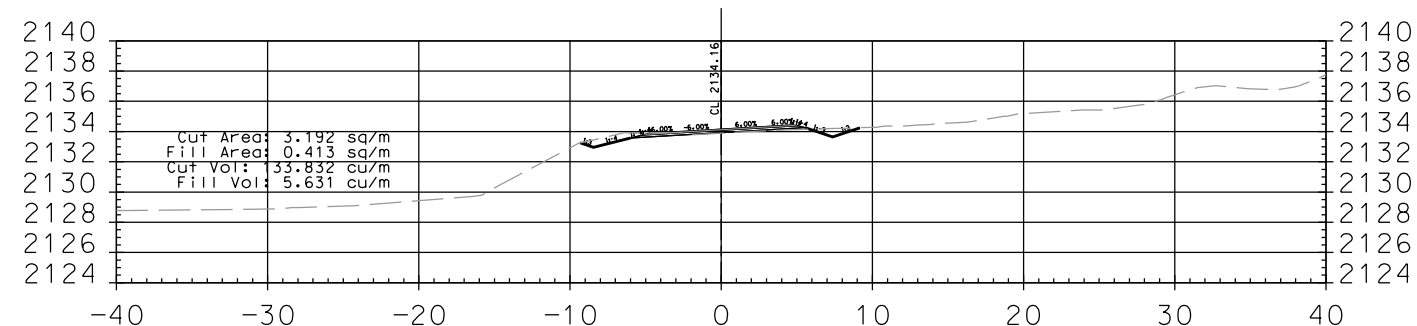




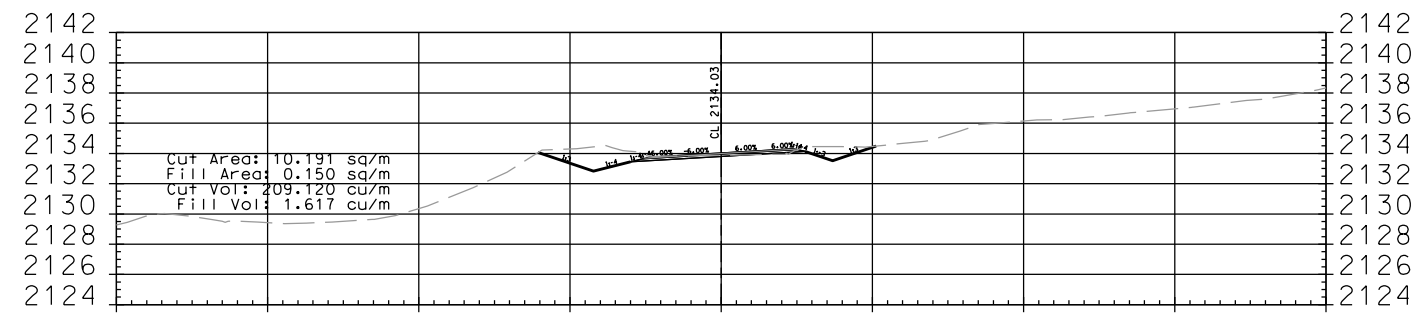




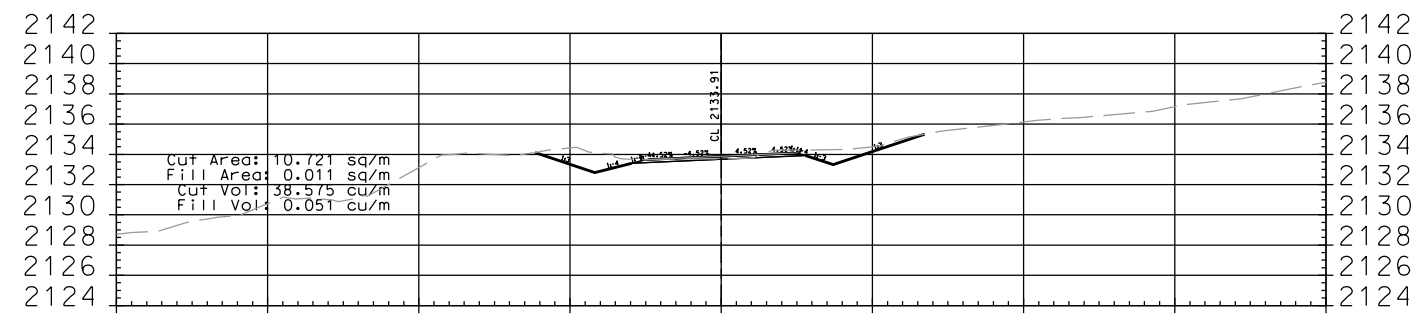
3+100.000



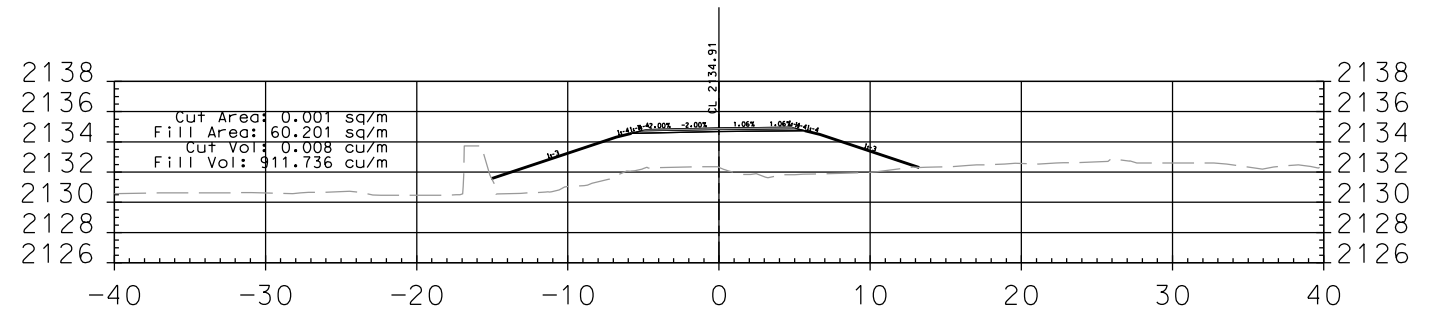
3+080.000



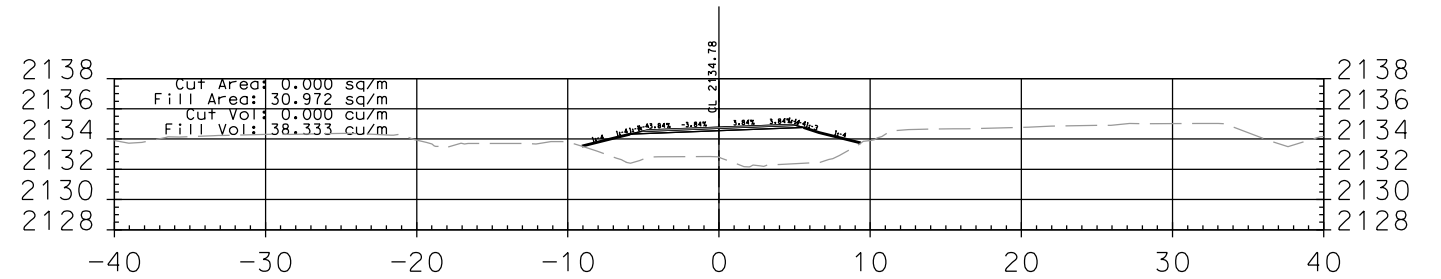
3+060.000



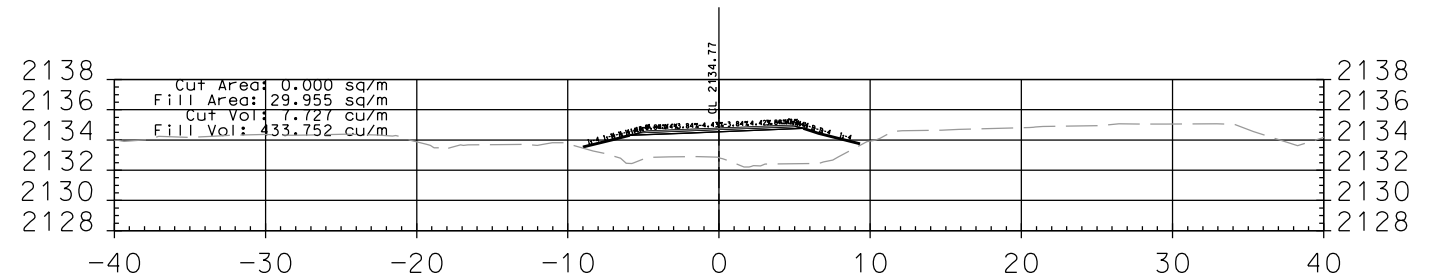
3+040.000



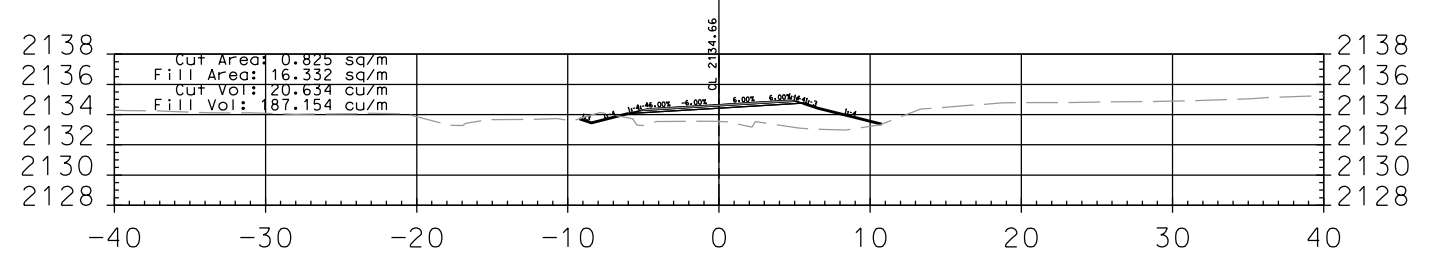
3+200.000



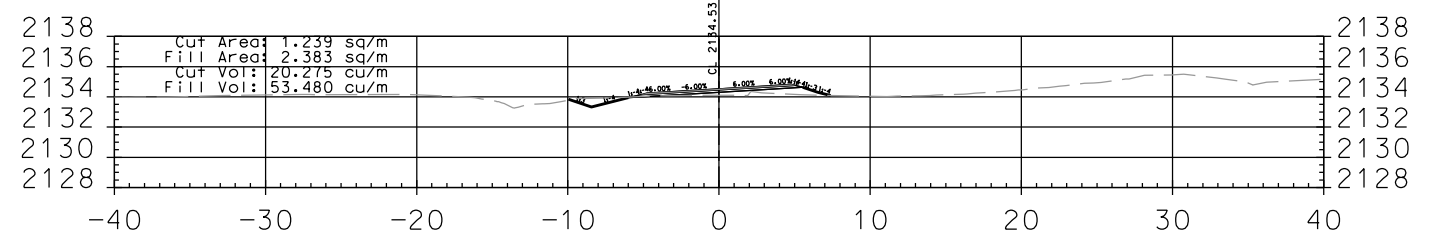
3+180.000



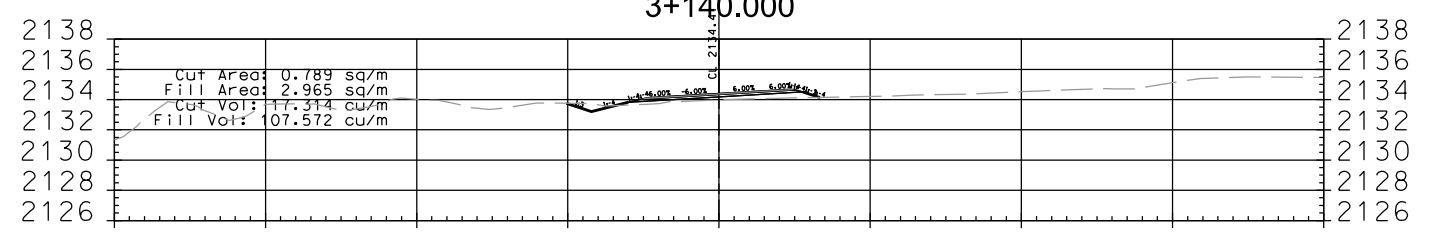
3+178.742



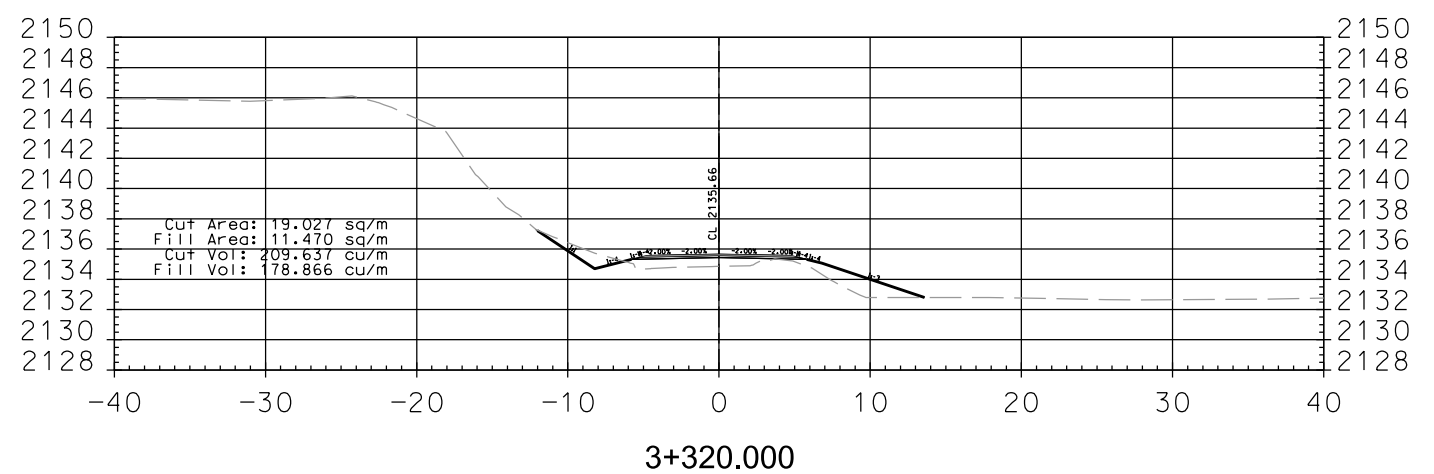
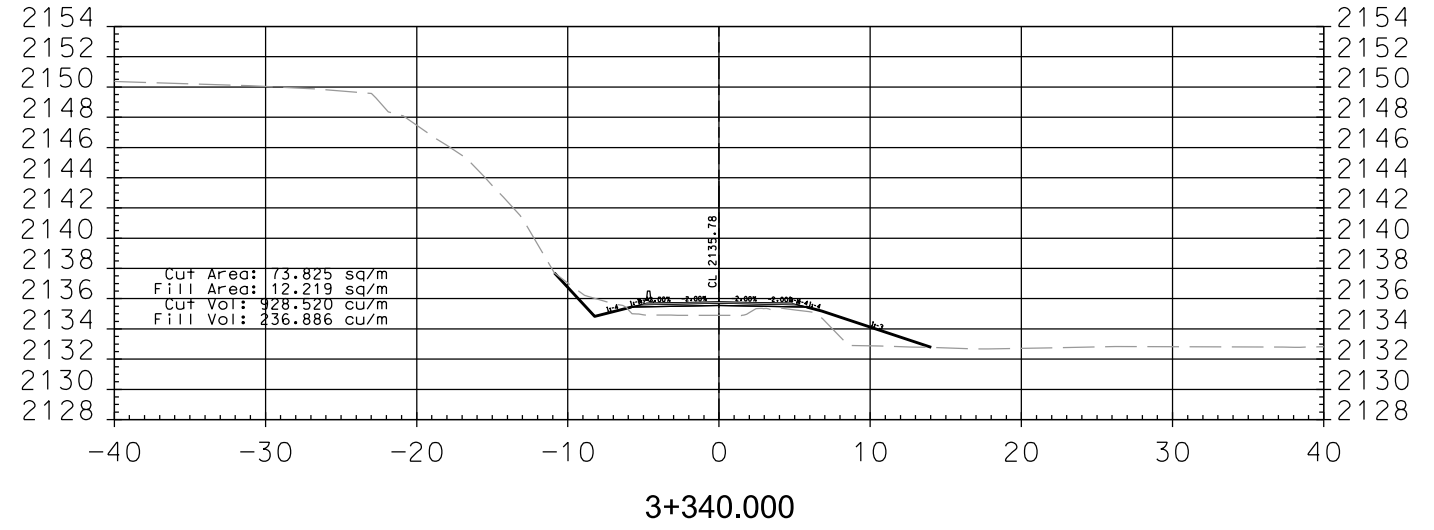
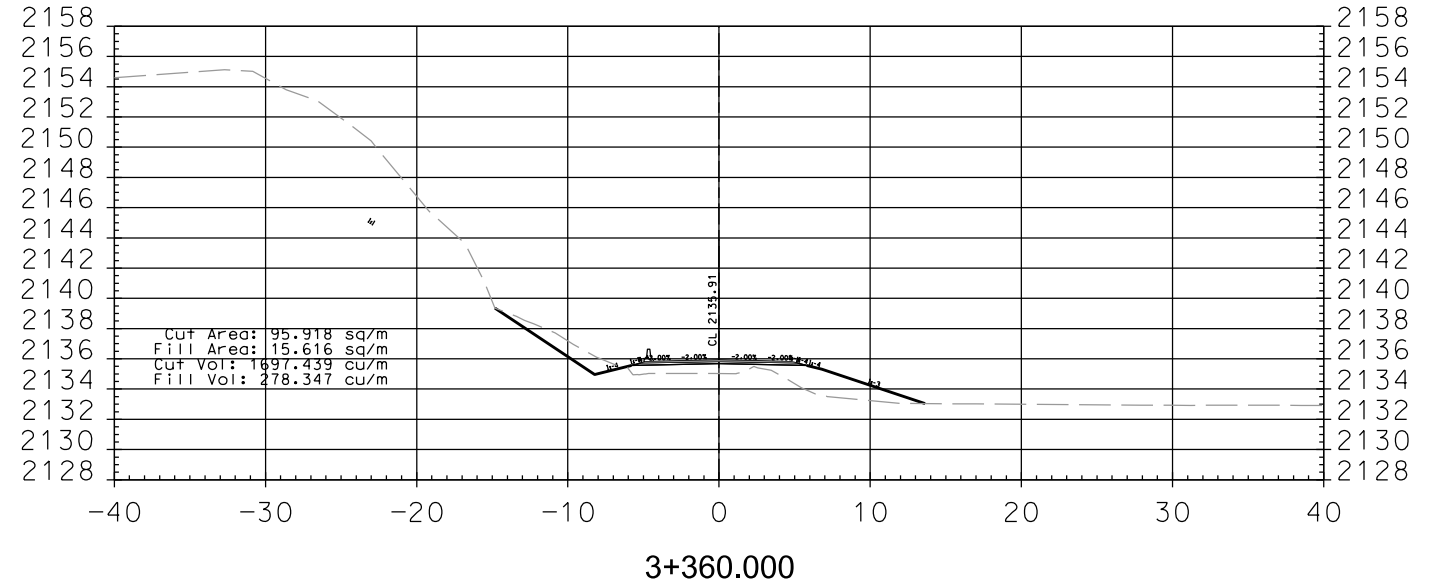
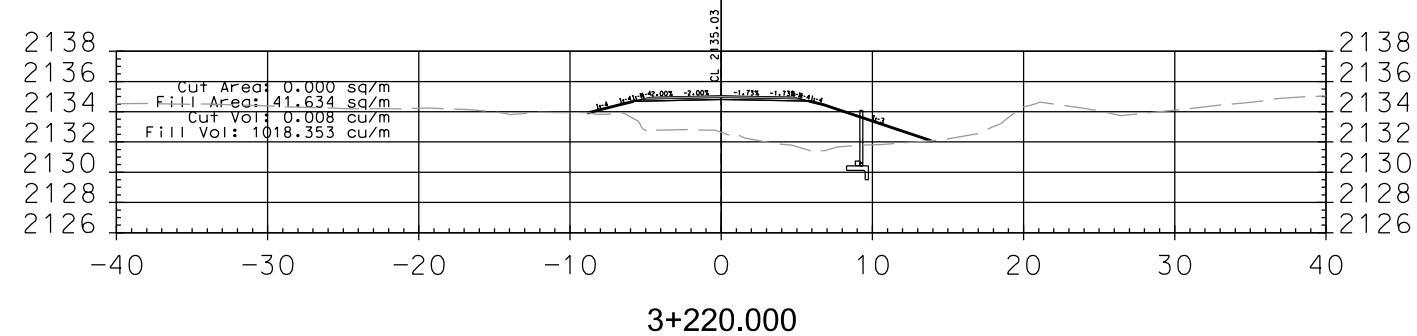
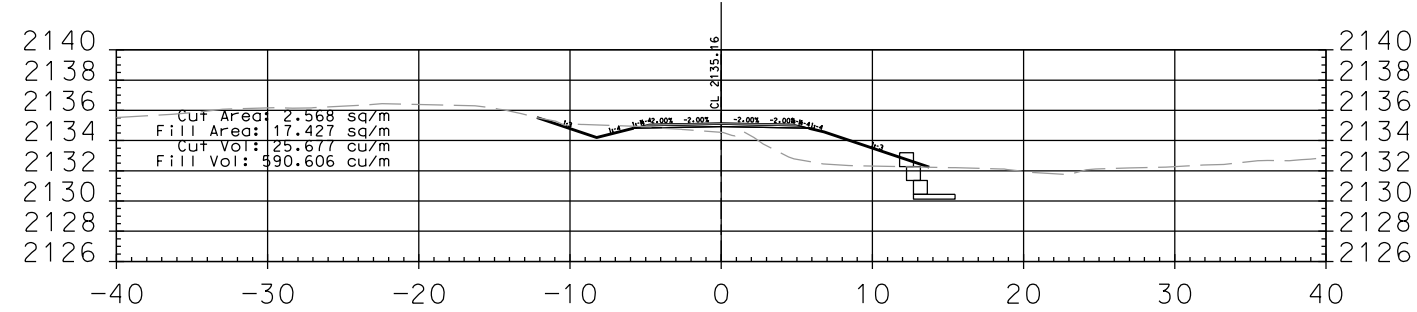
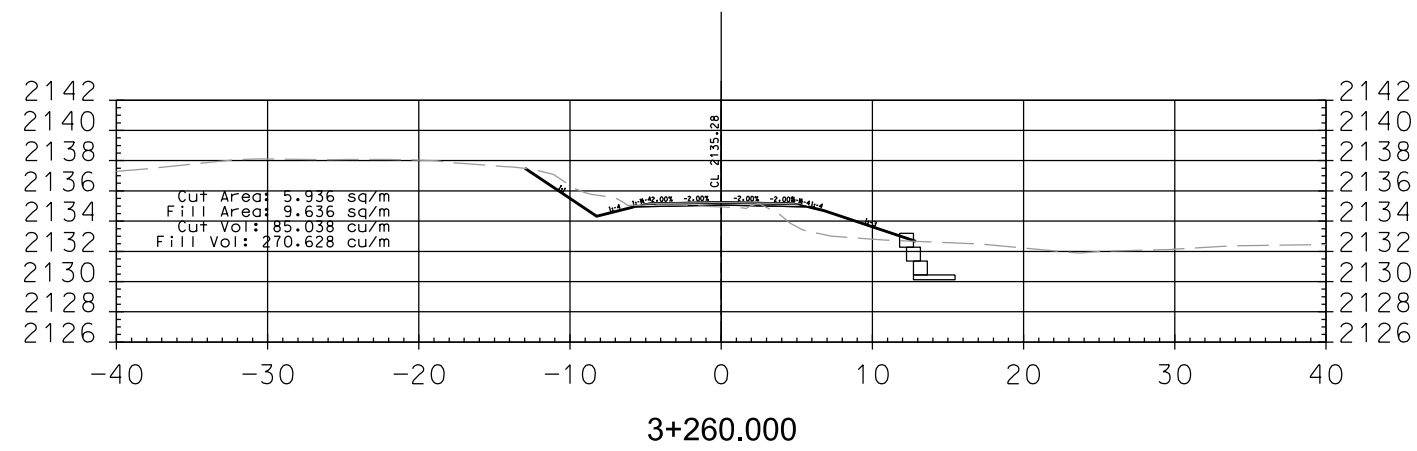
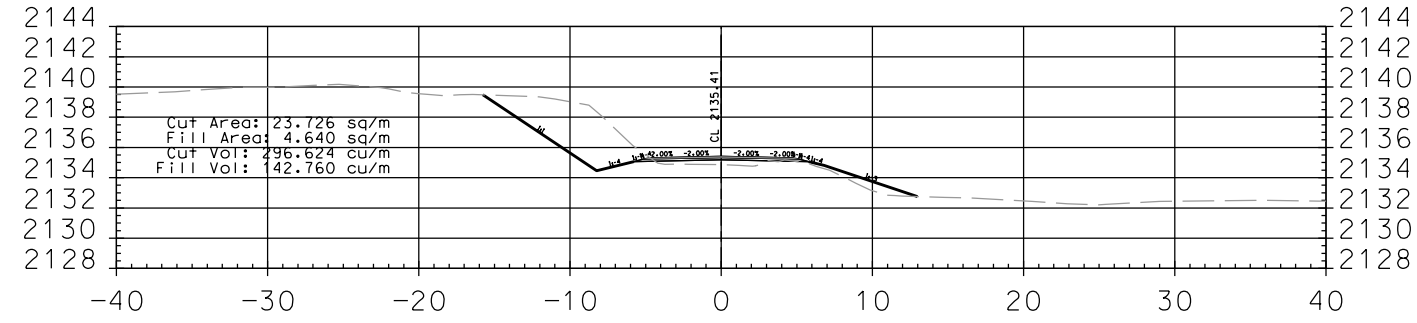
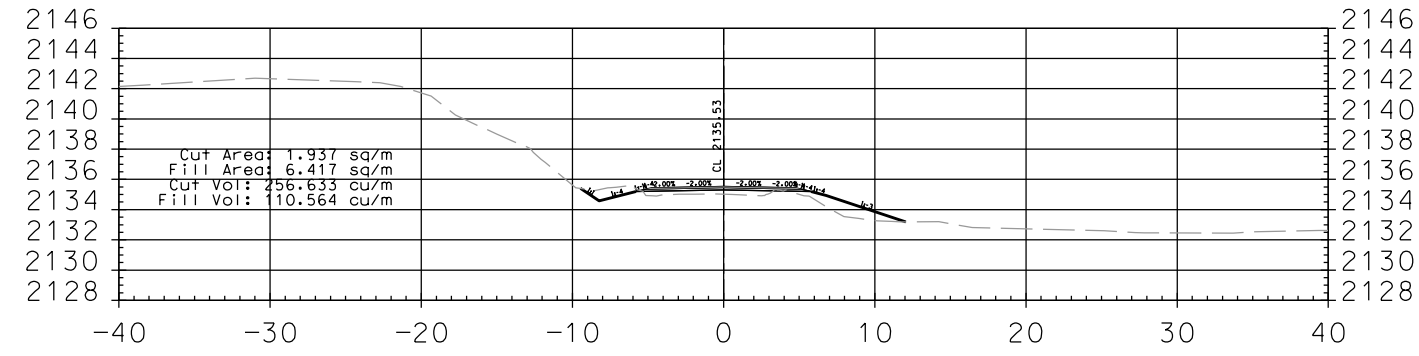
3+160.000

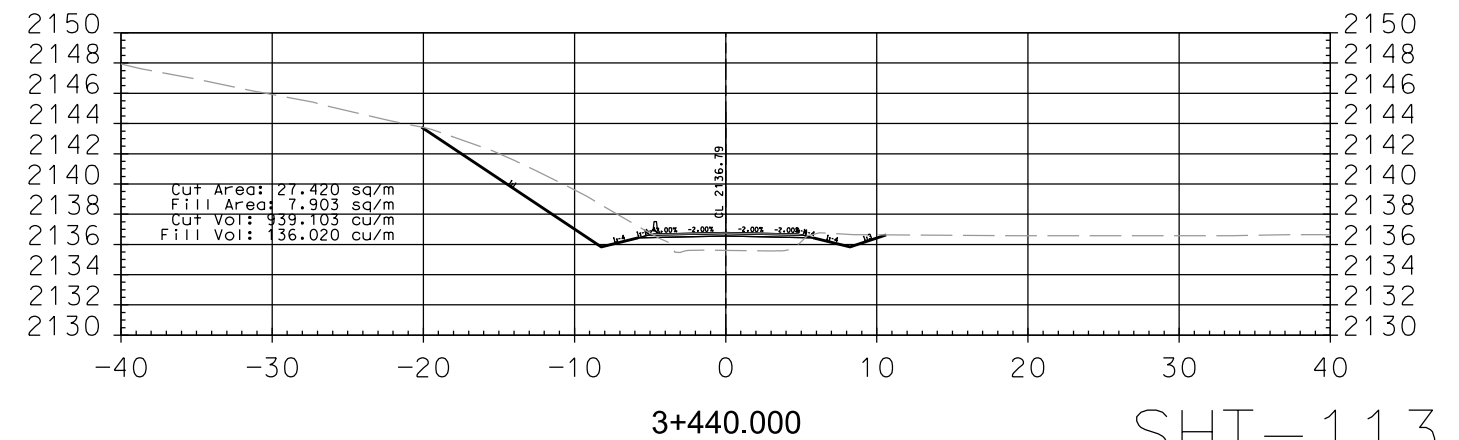
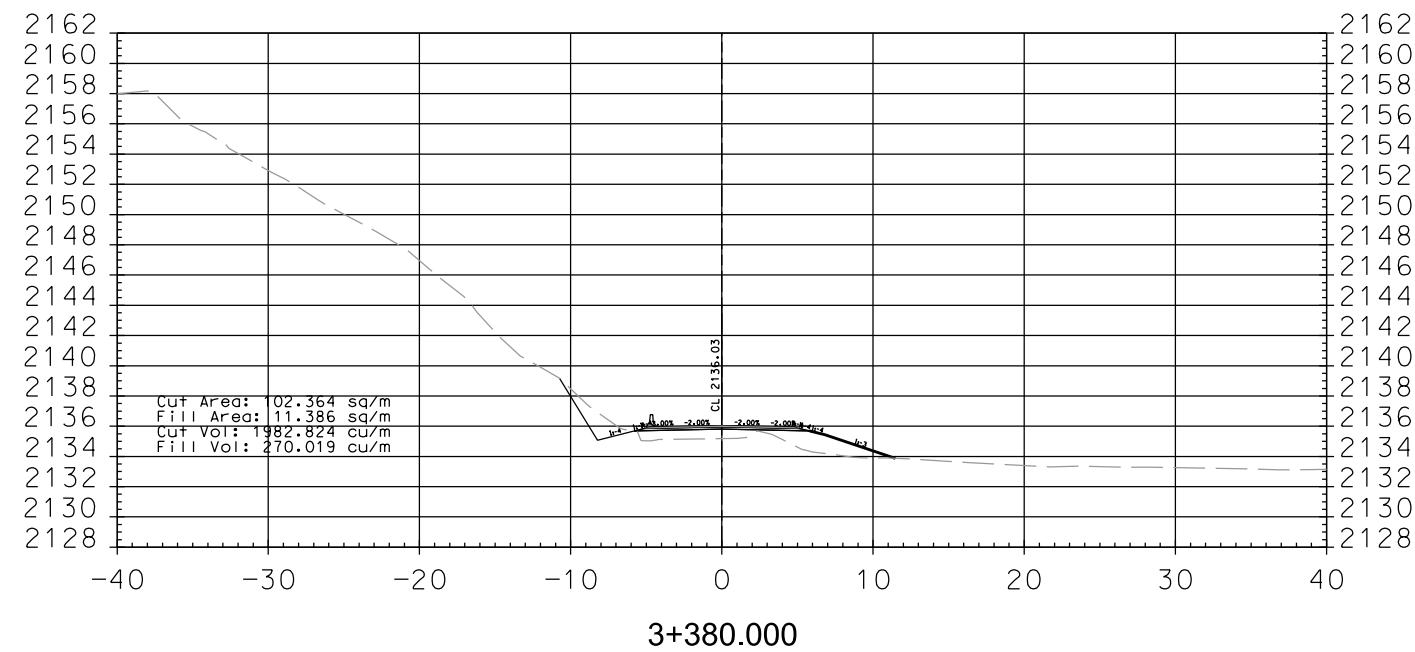
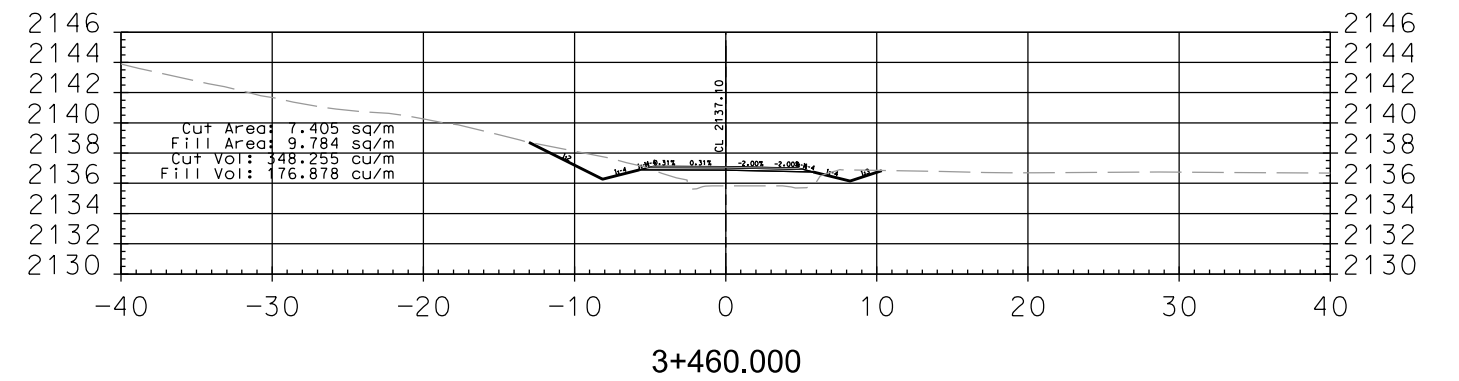
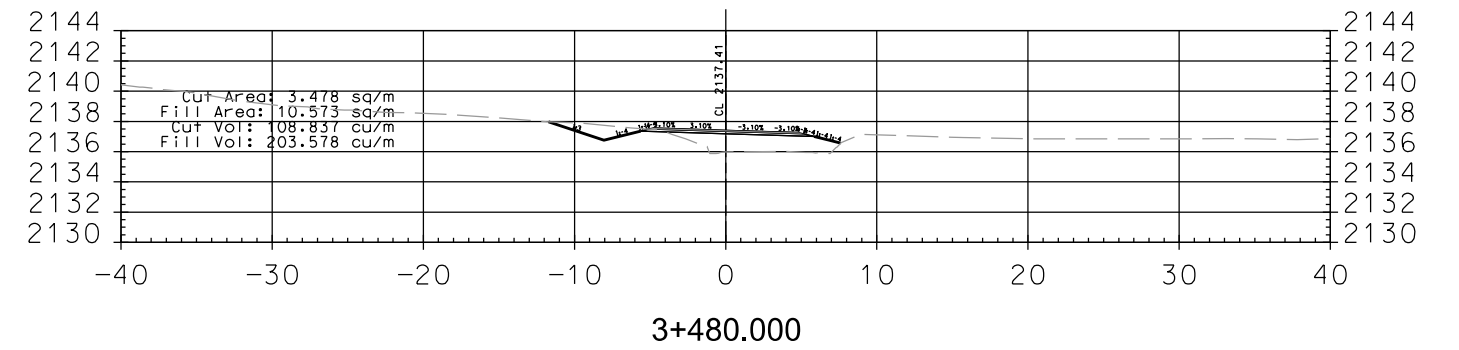
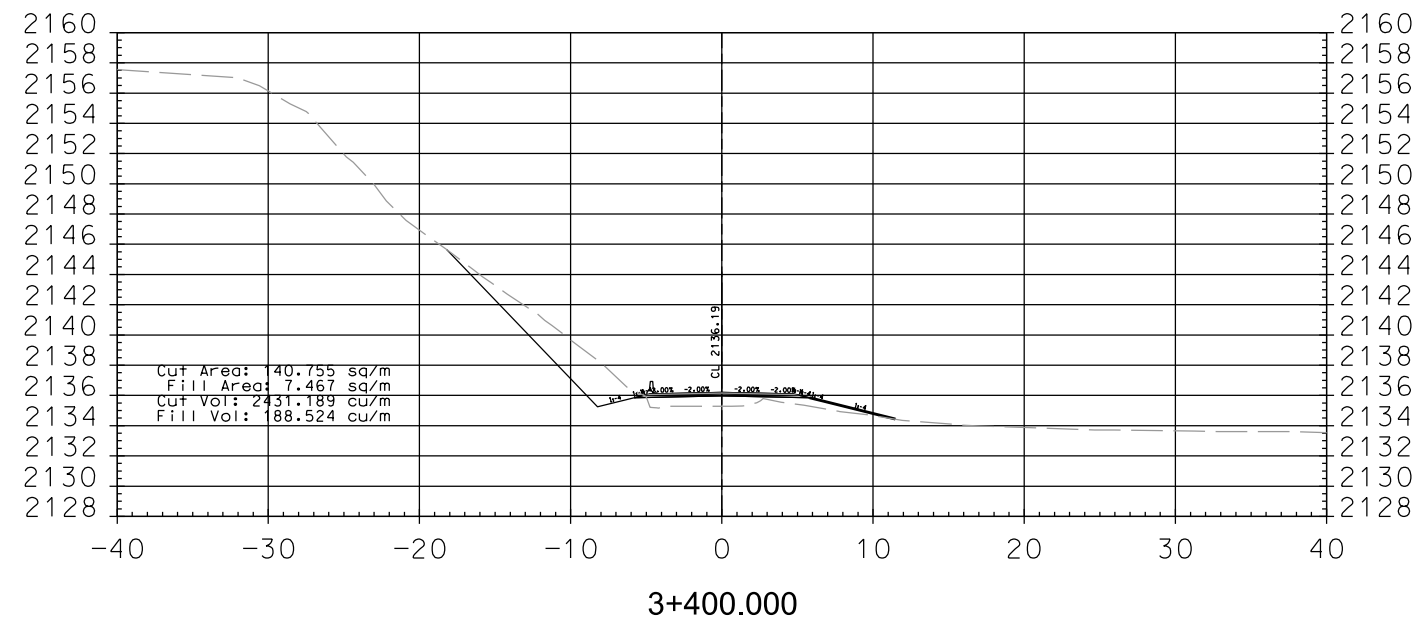
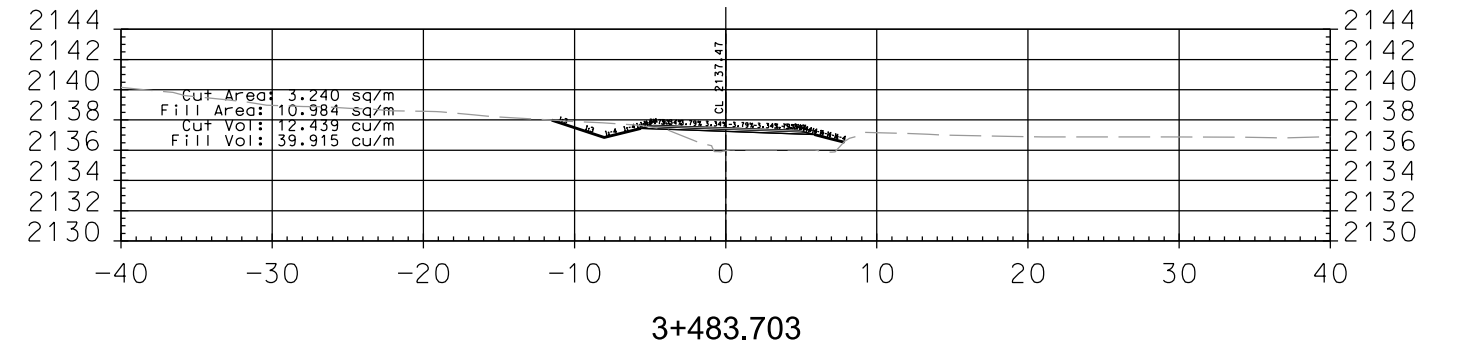
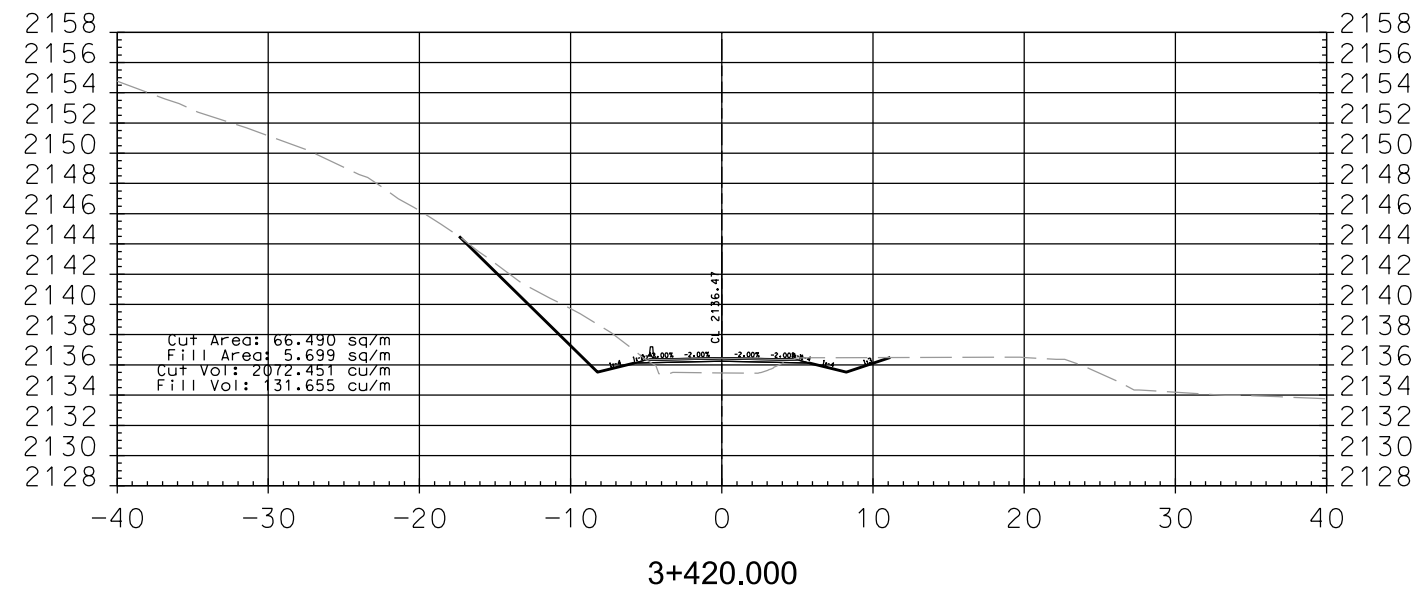


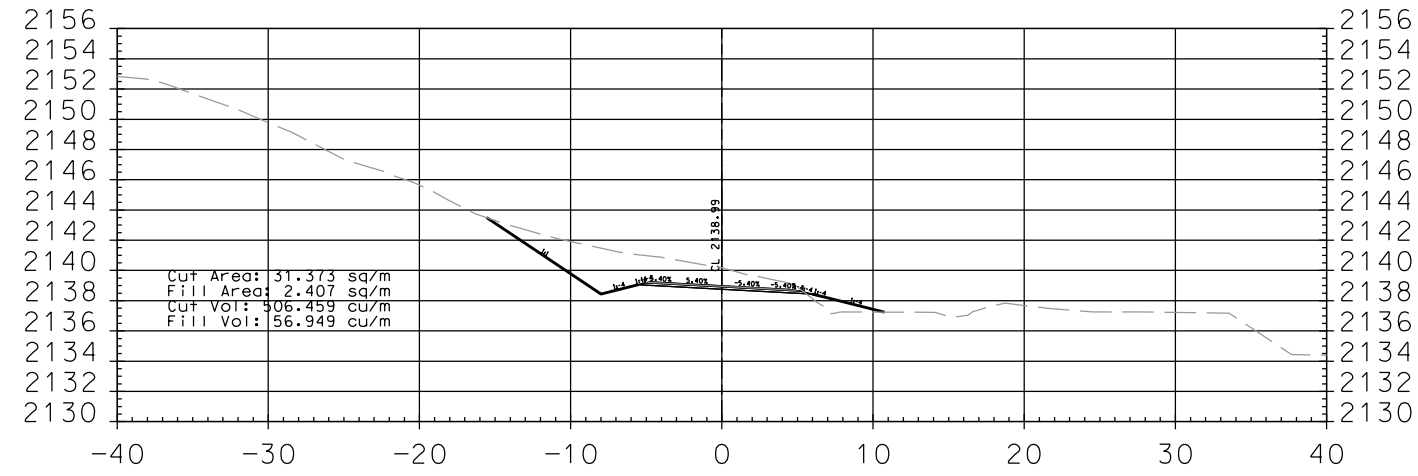
3+140.000



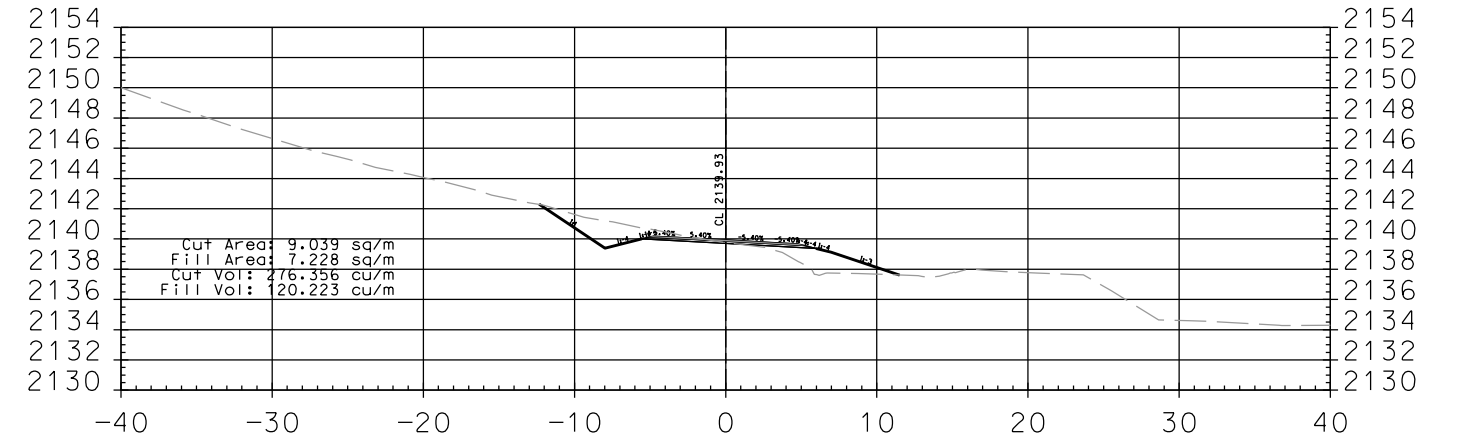
3+120.000



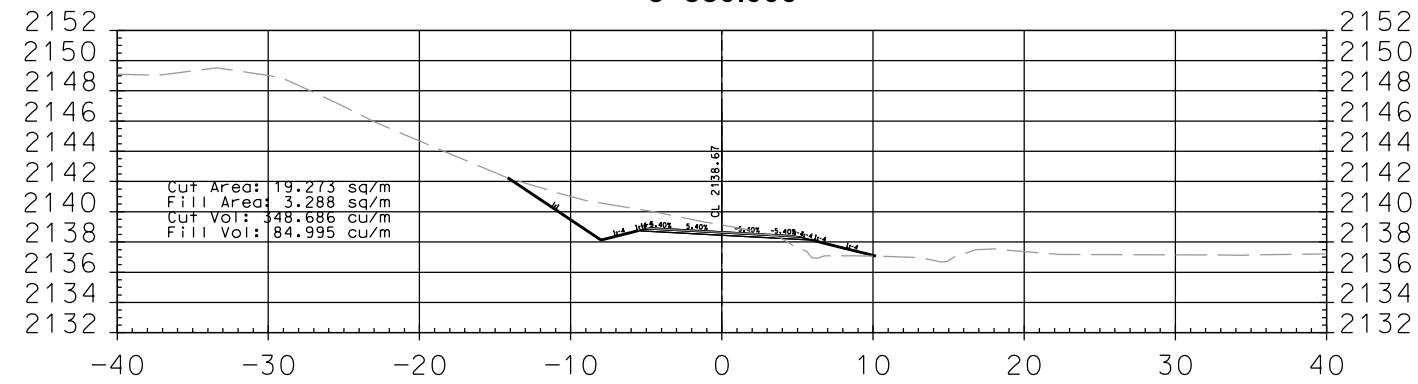




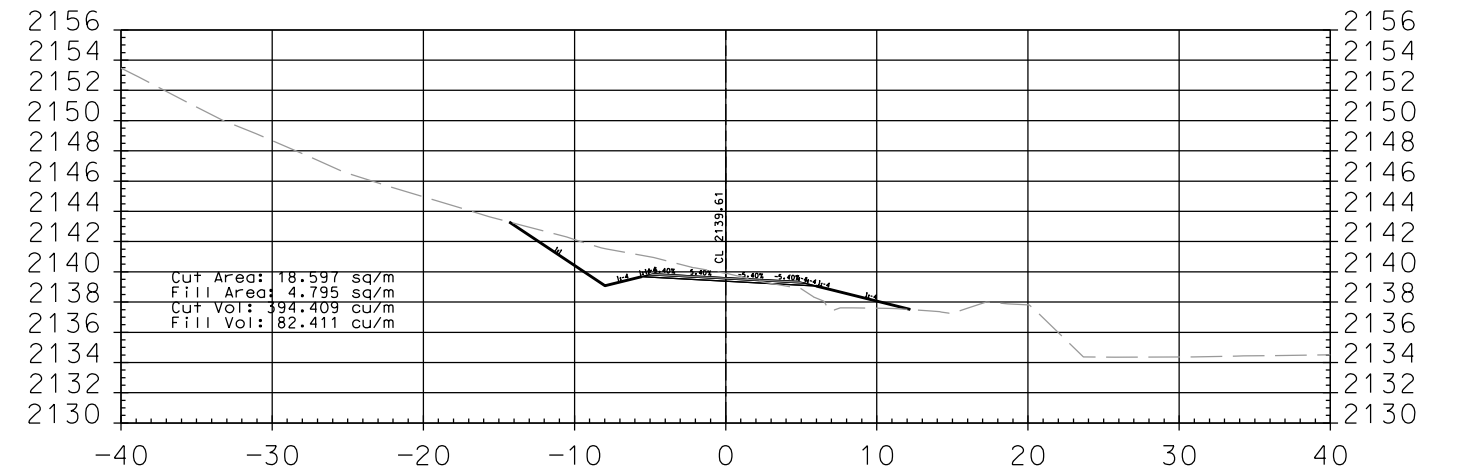
3+580.000



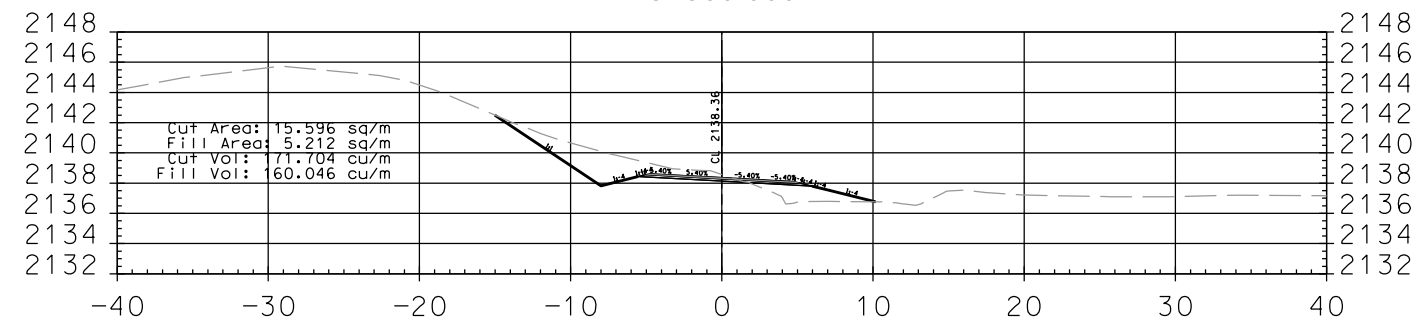
3+640.000



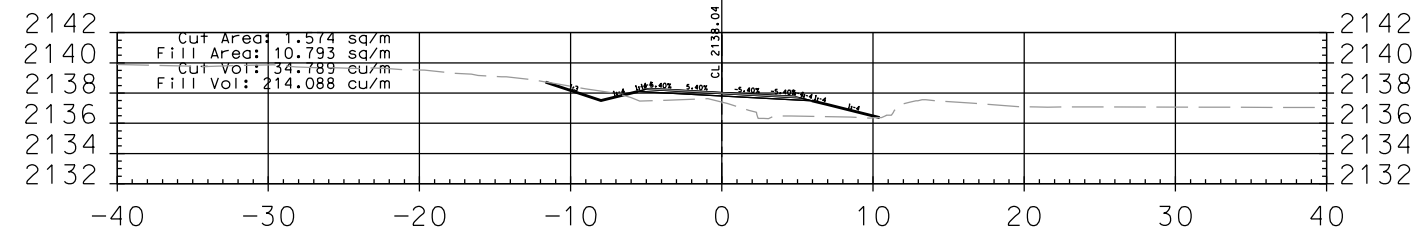
3+560.000



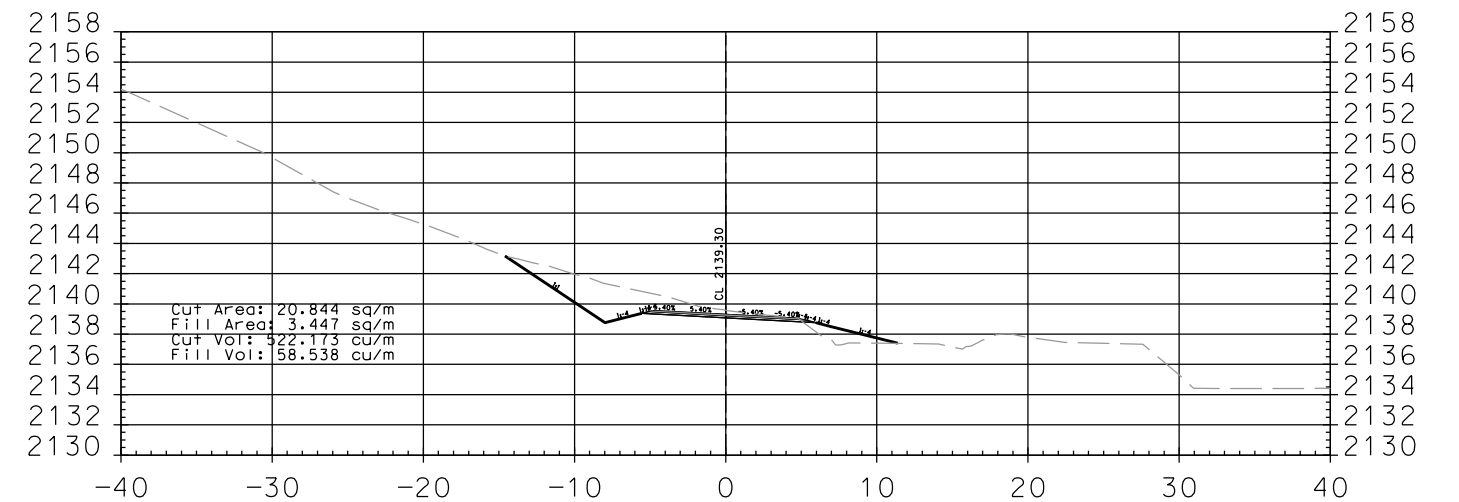
3+620.000



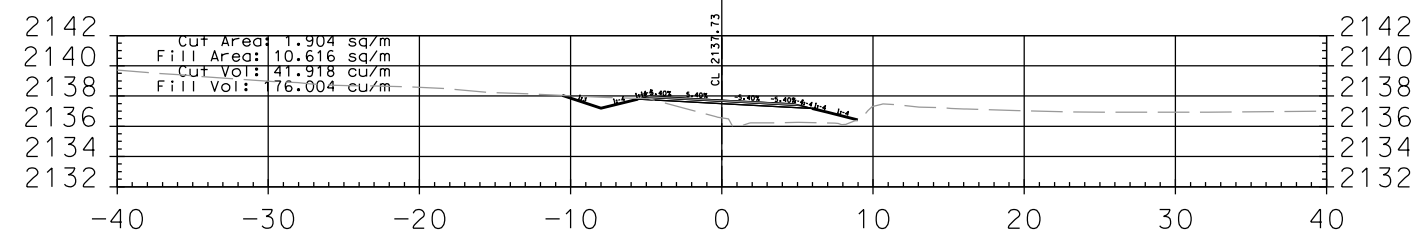
3+540.000



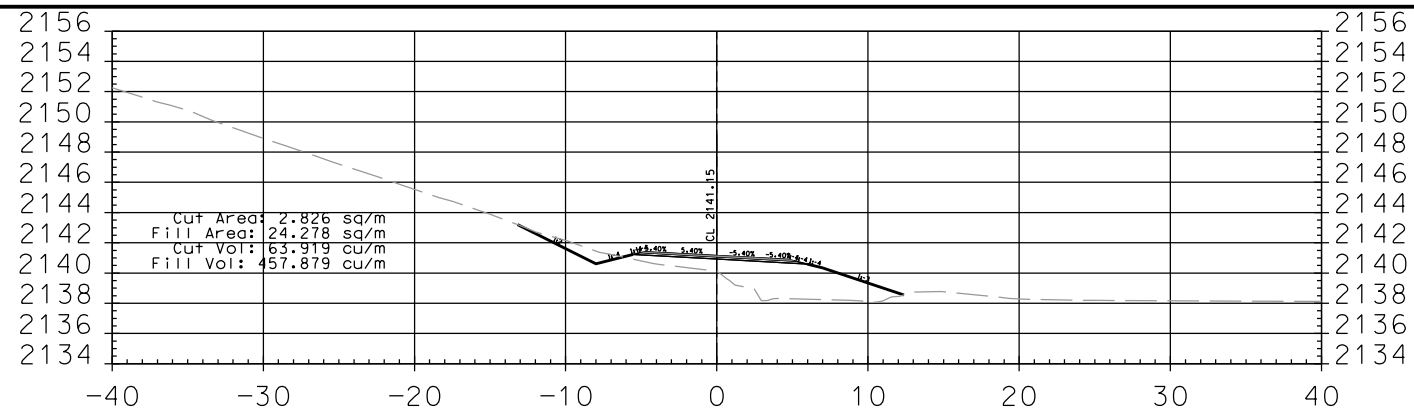
3+520.000



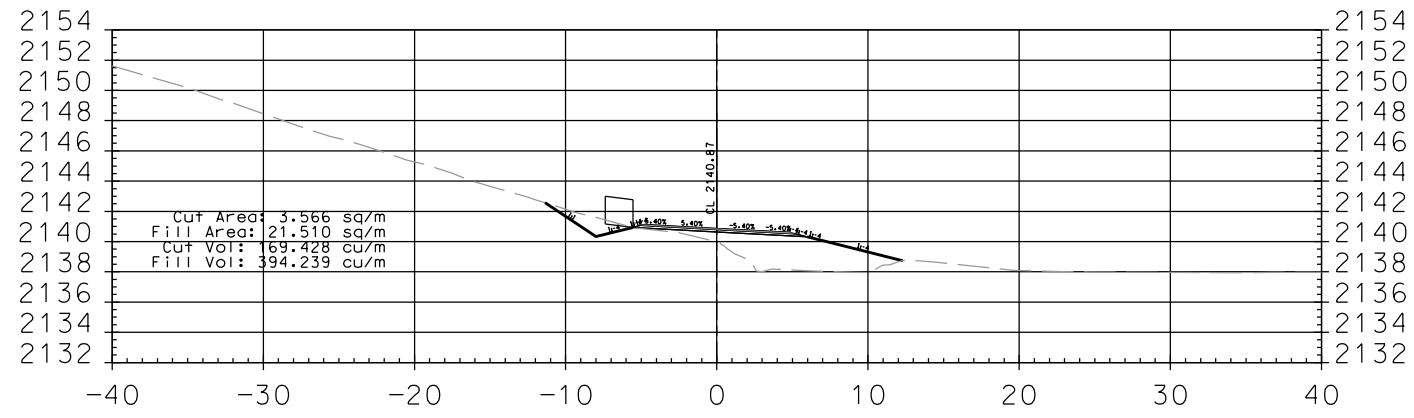
3+600.000



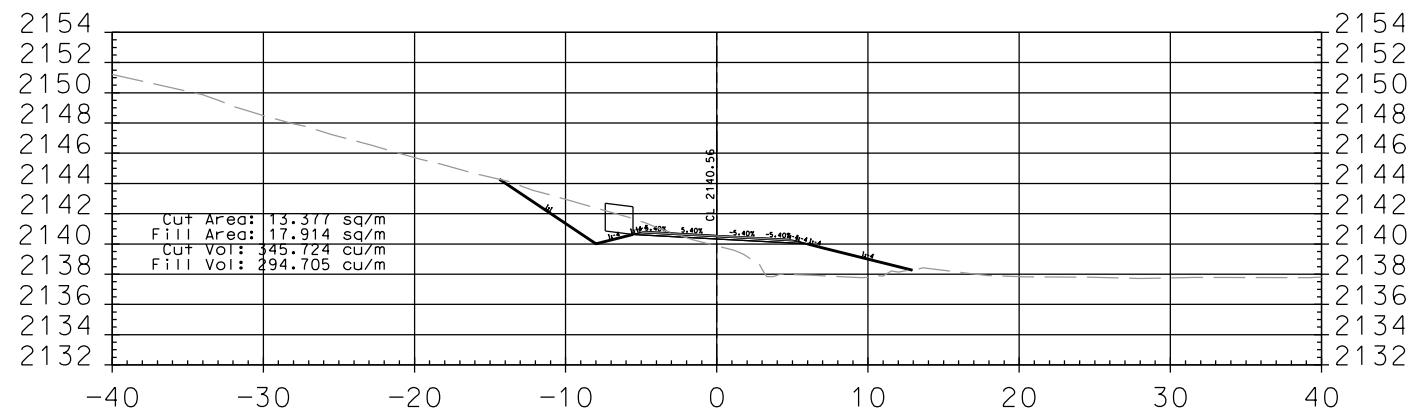
3+500.000



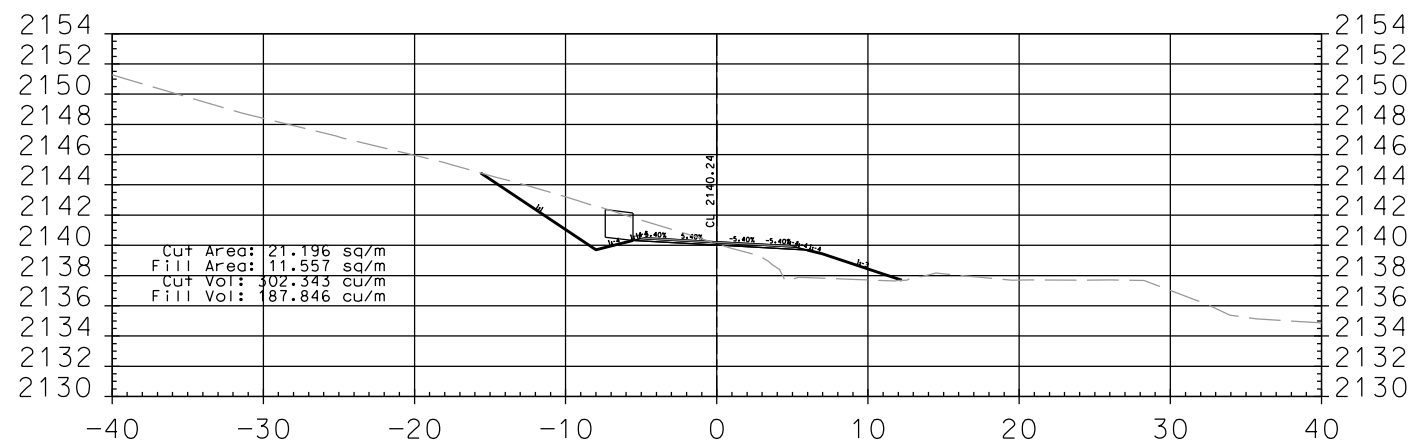
3+720.000



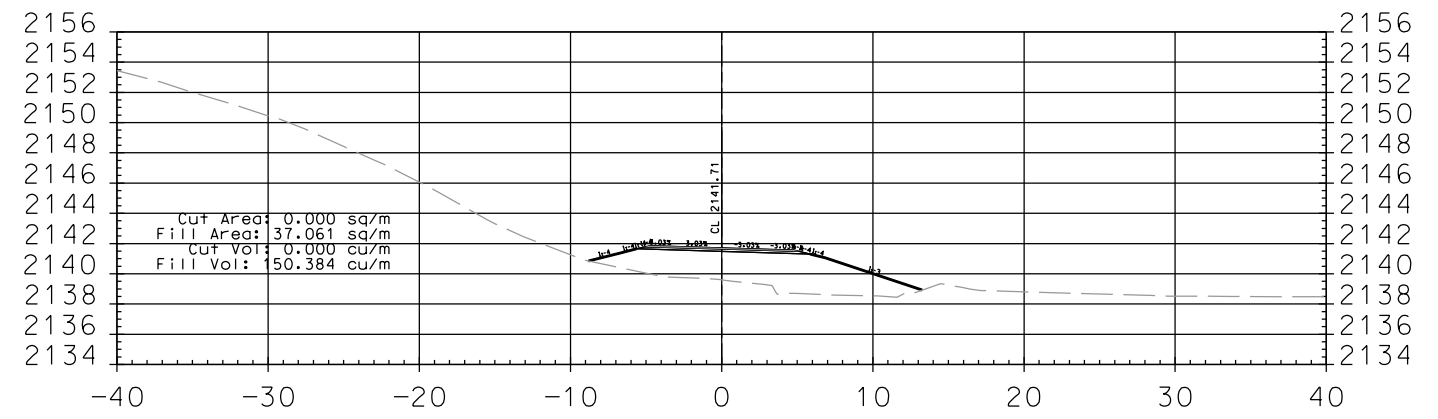
3+700.000



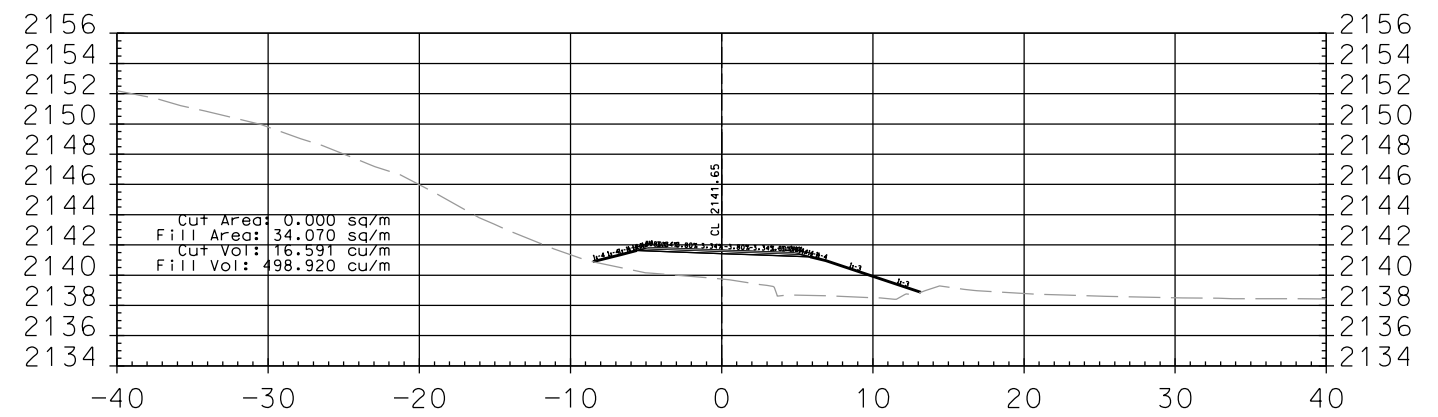
3+680.000



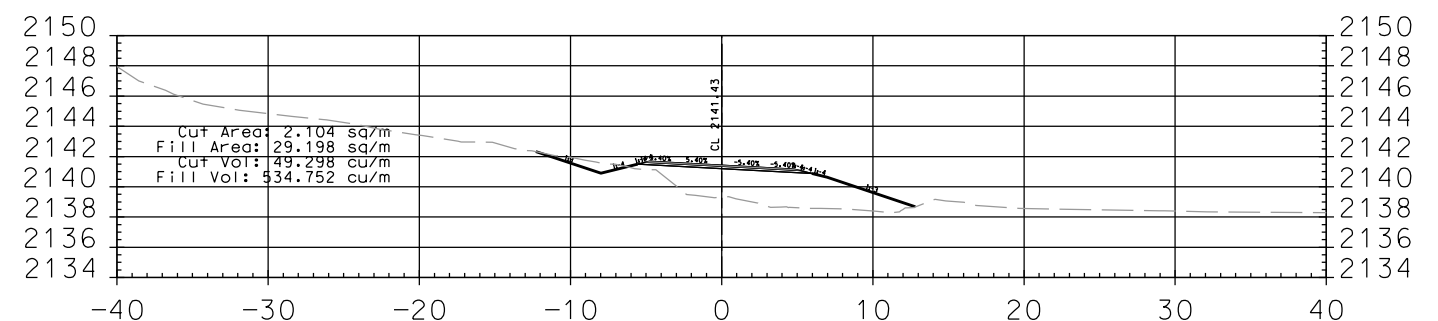
3+660.000



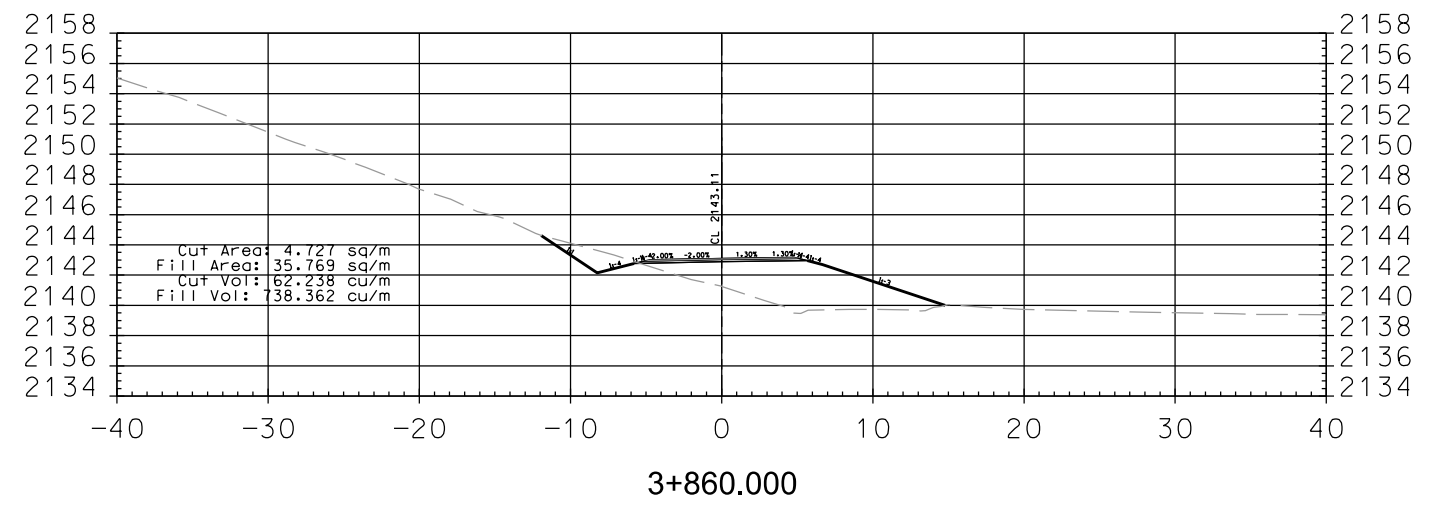
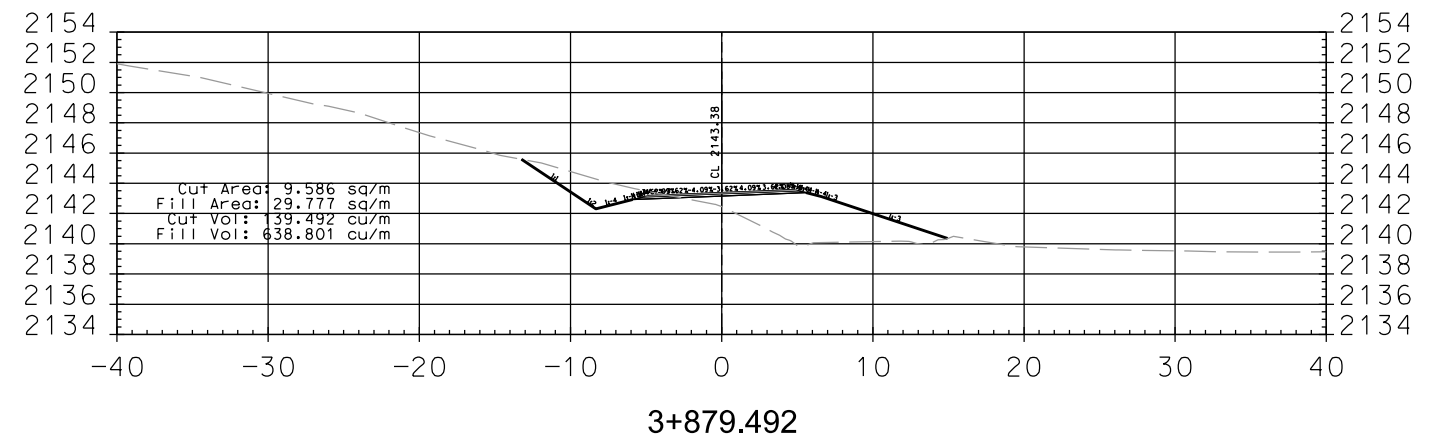
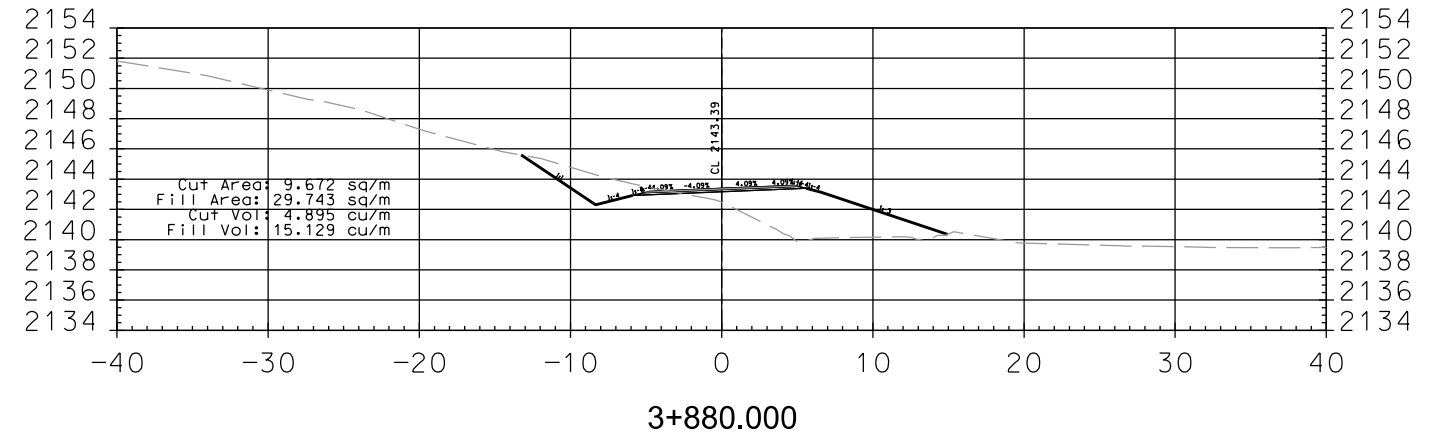
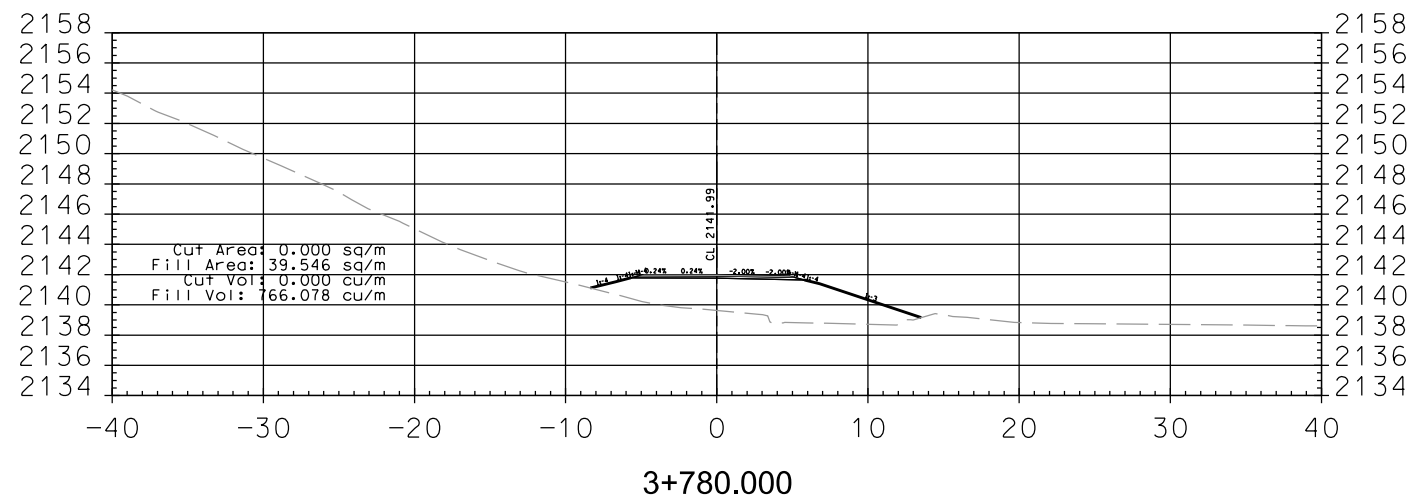
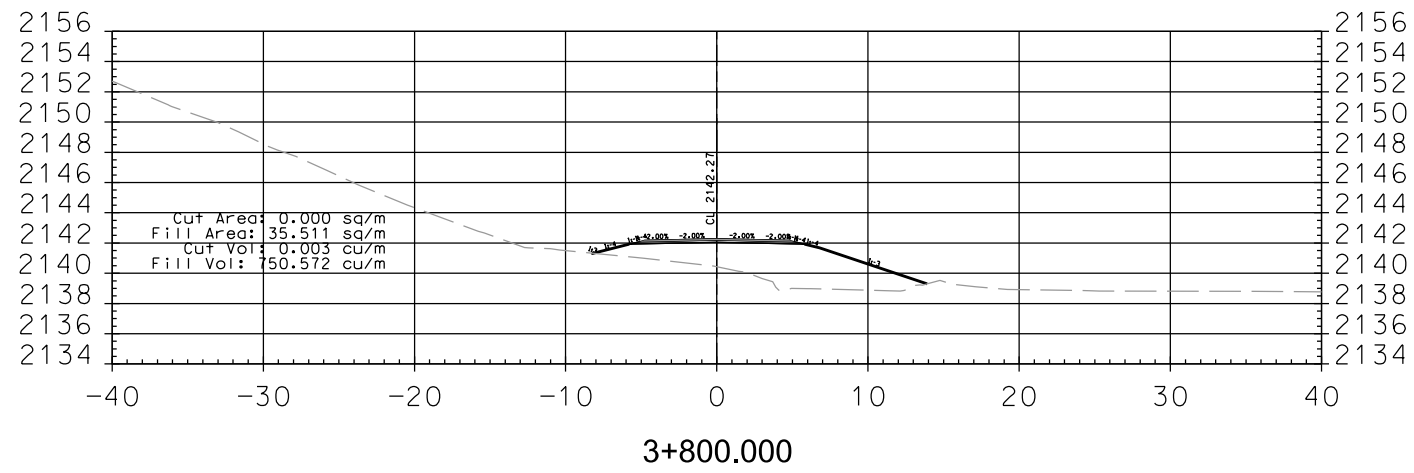
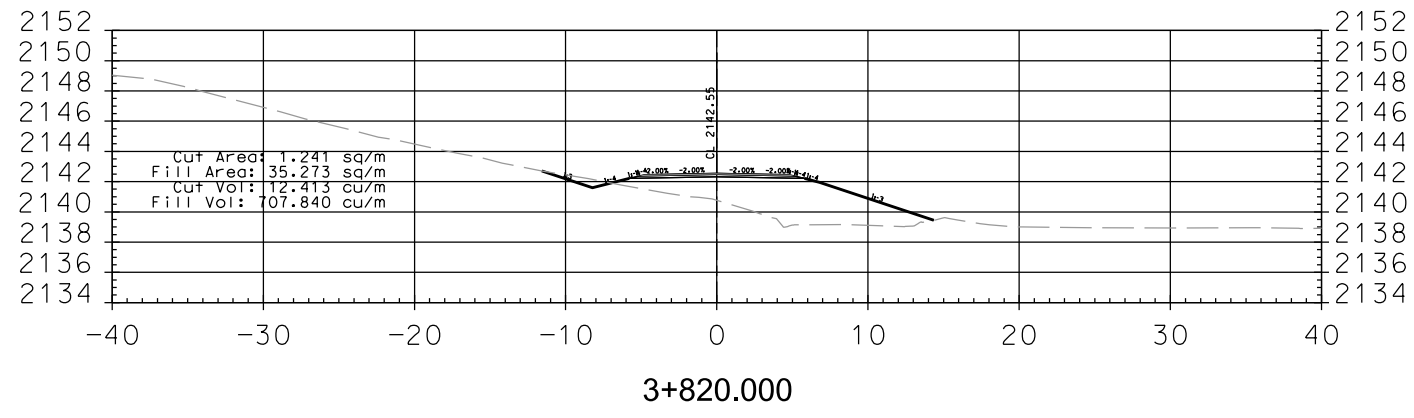
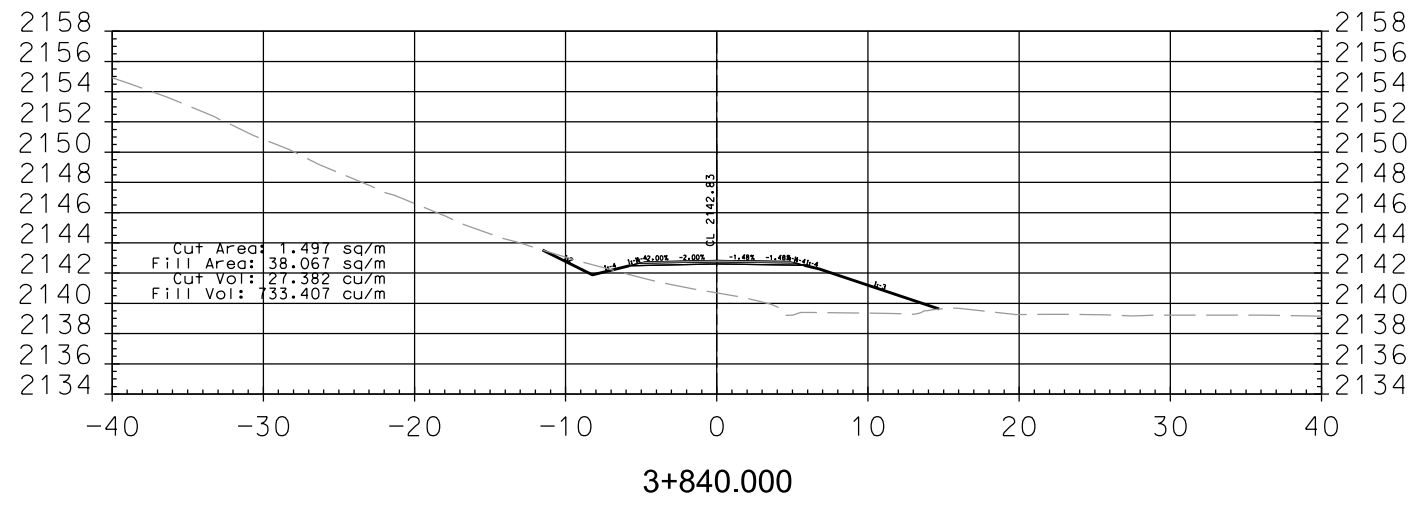
3+760.000

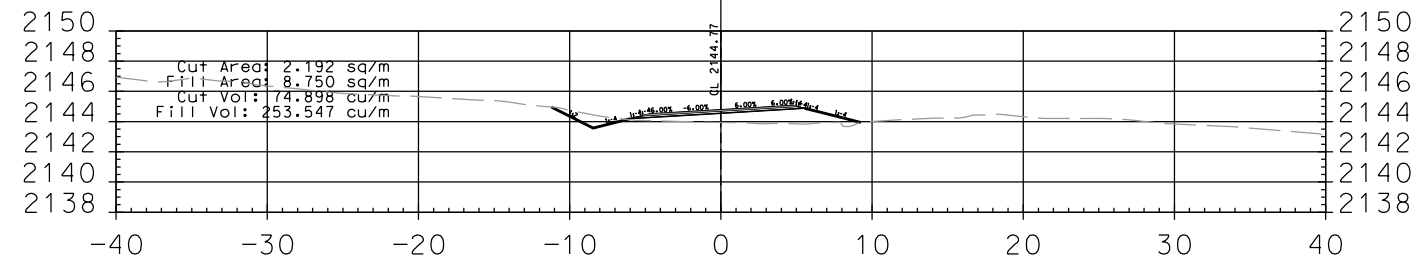


3+755.772

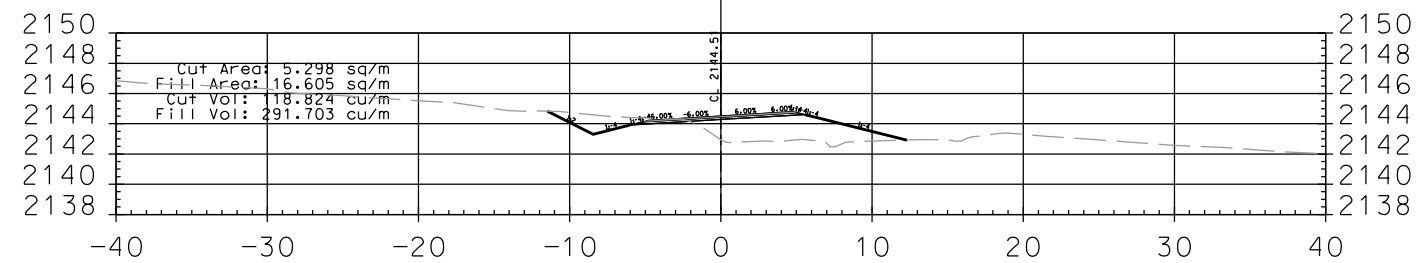


3+740.000

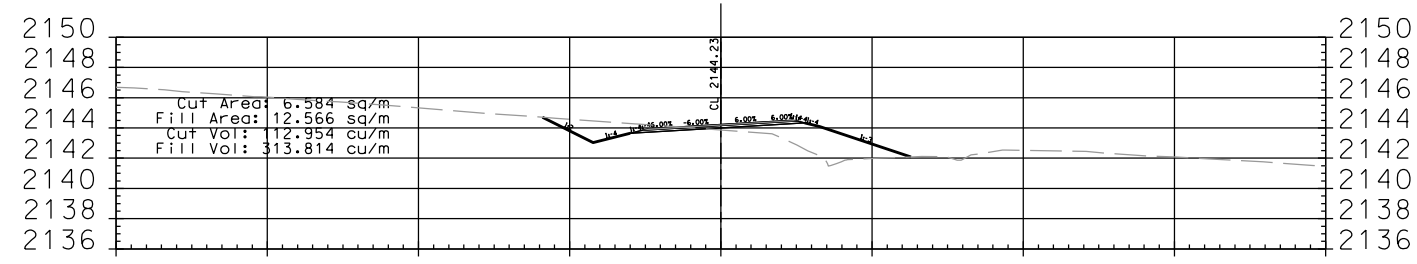




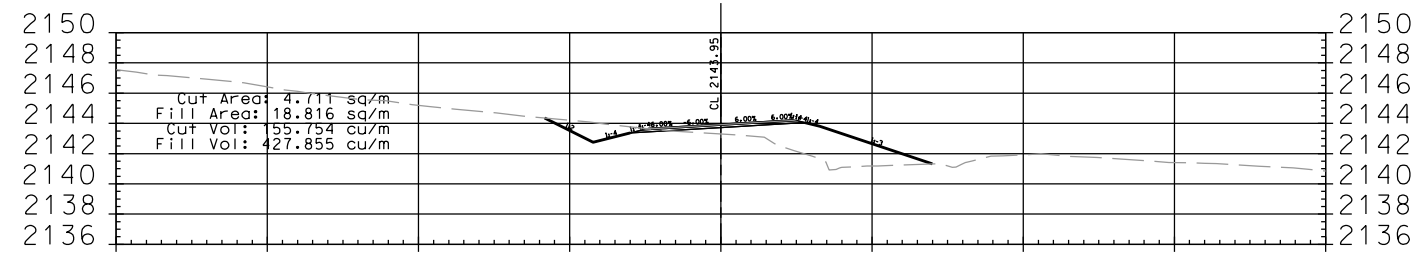
3+980.000



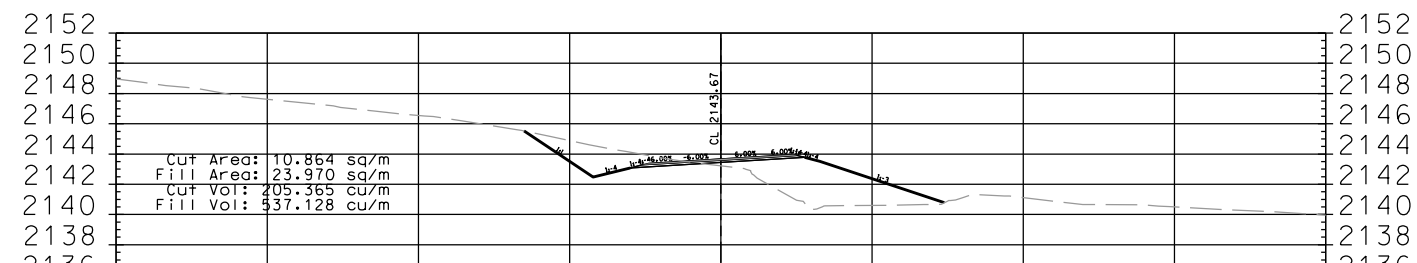
3+960.000



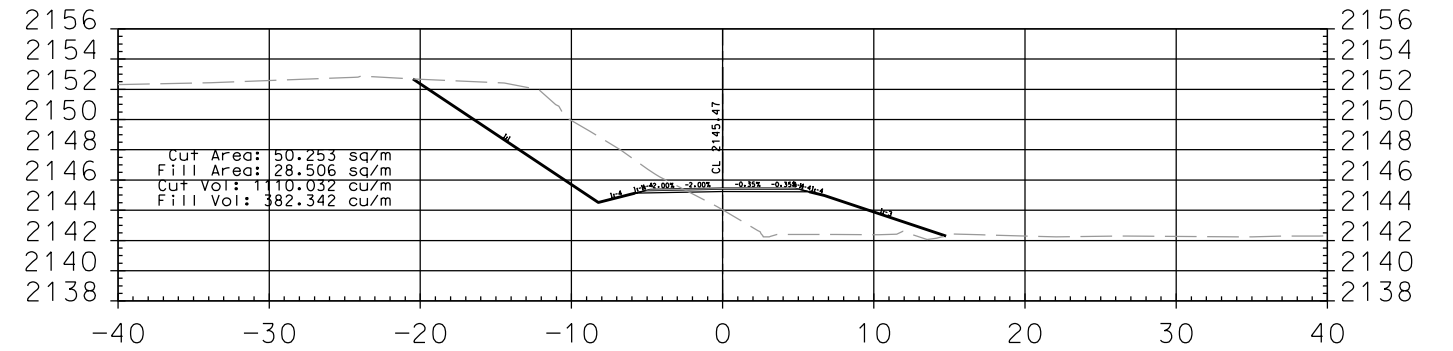
3+940.000



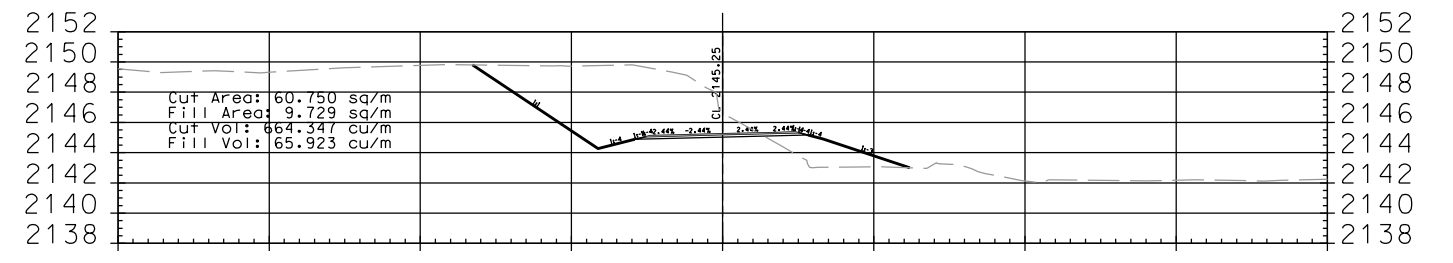
3+920.000



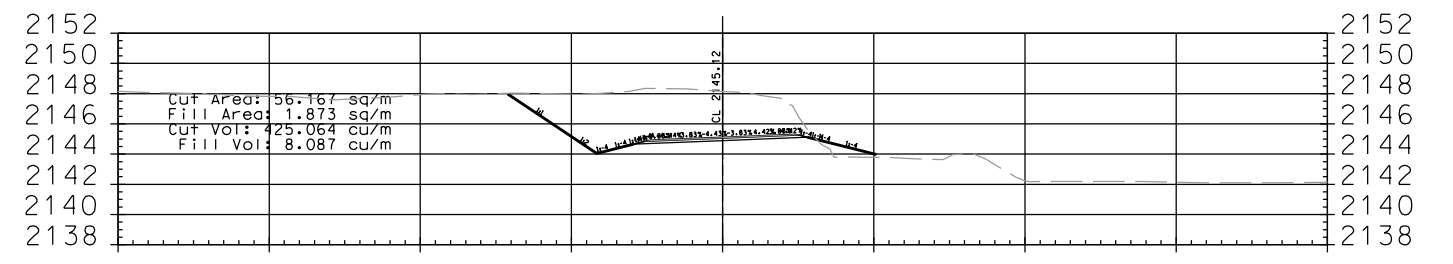
3+900.000



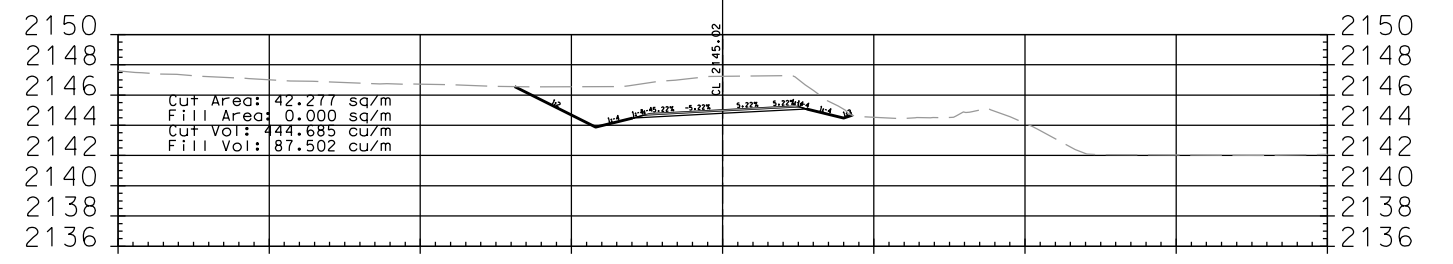
4+040.000



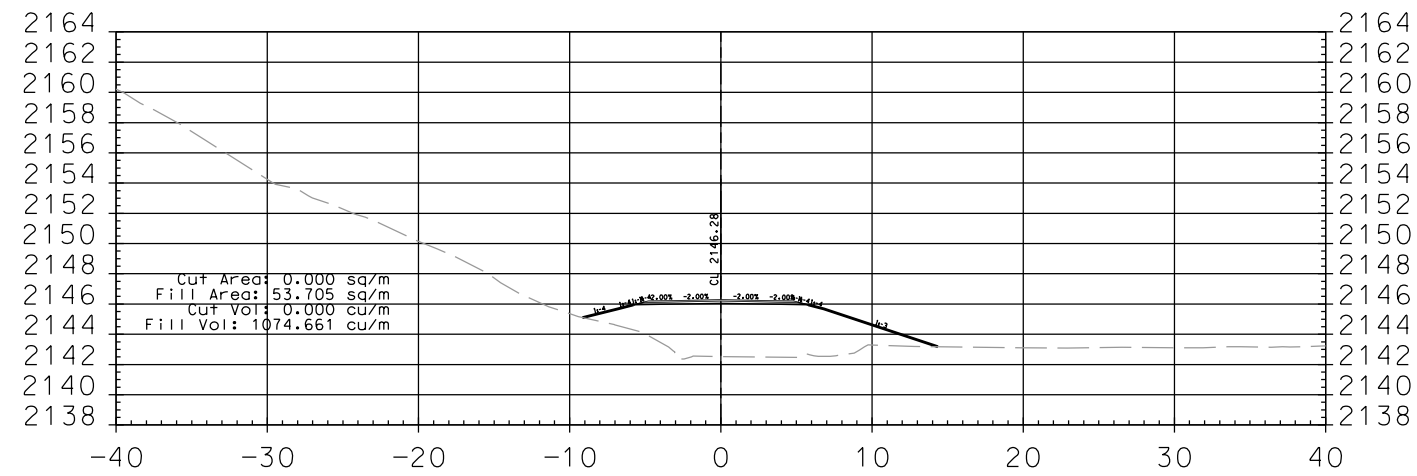
4+020.000



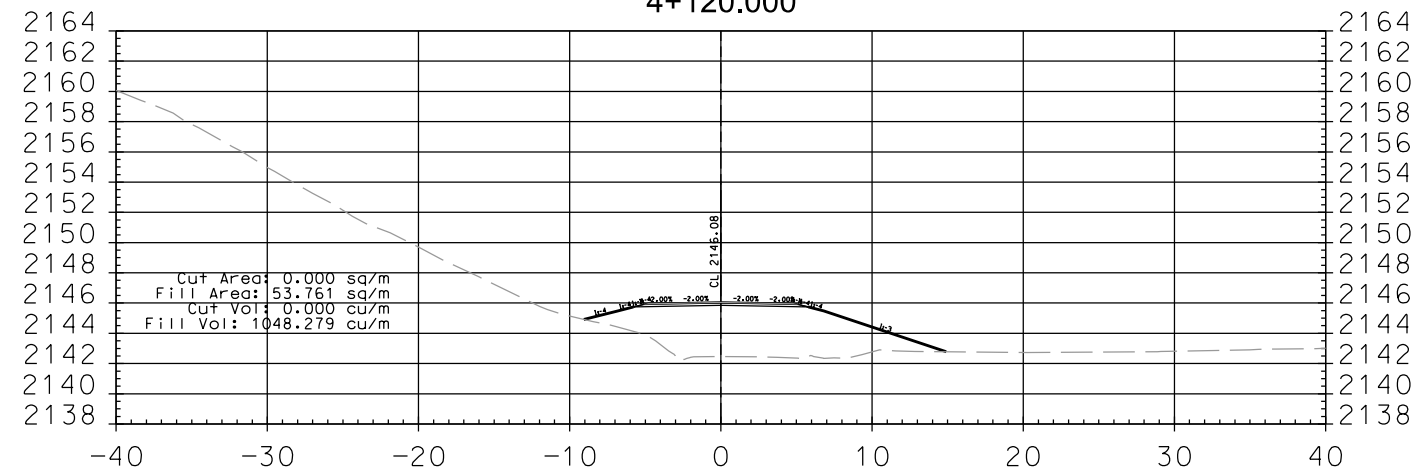
4+008.636



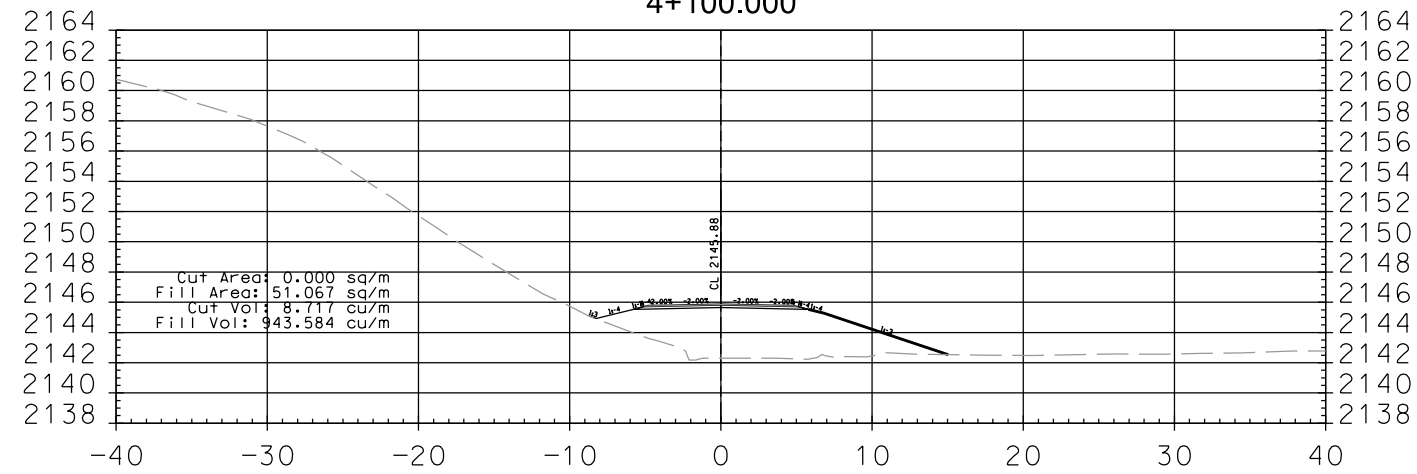
4+000.000



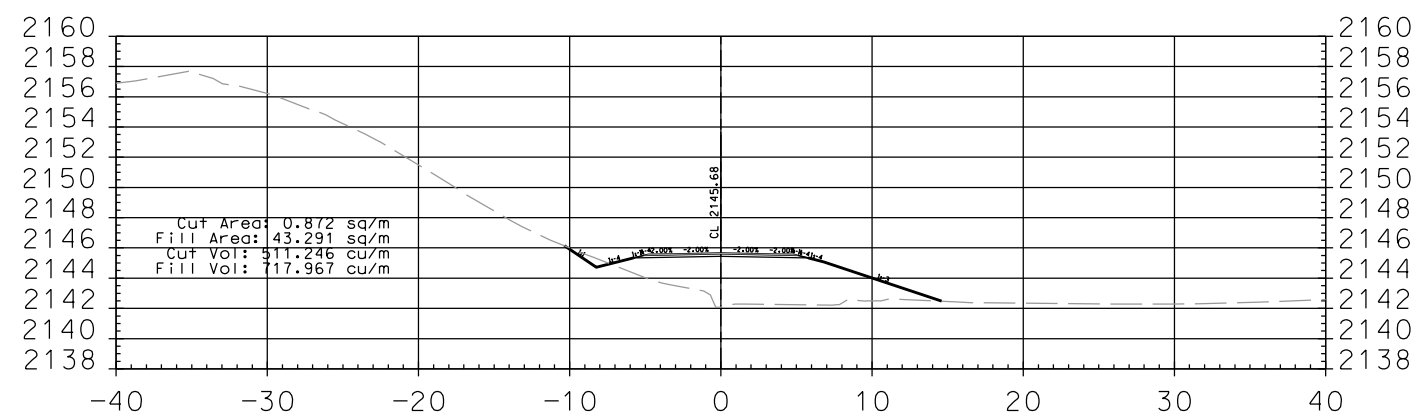
4+120.000



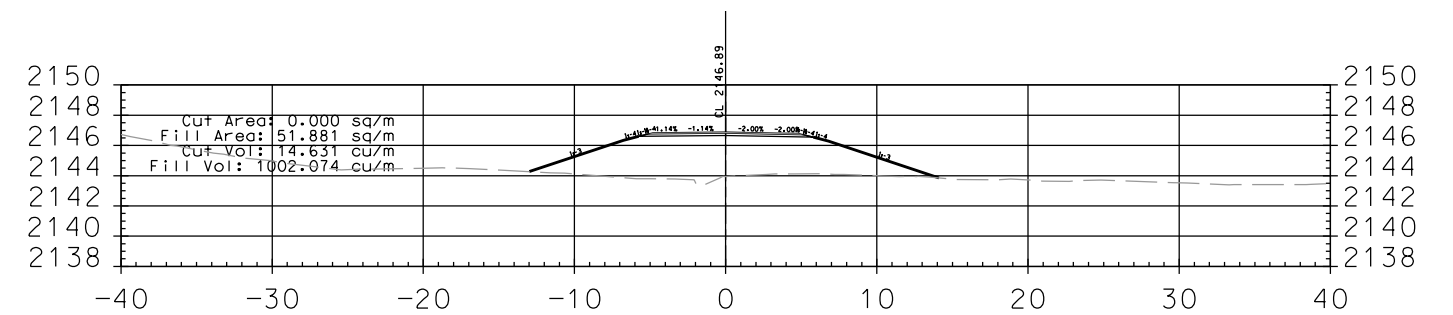
4+100.000



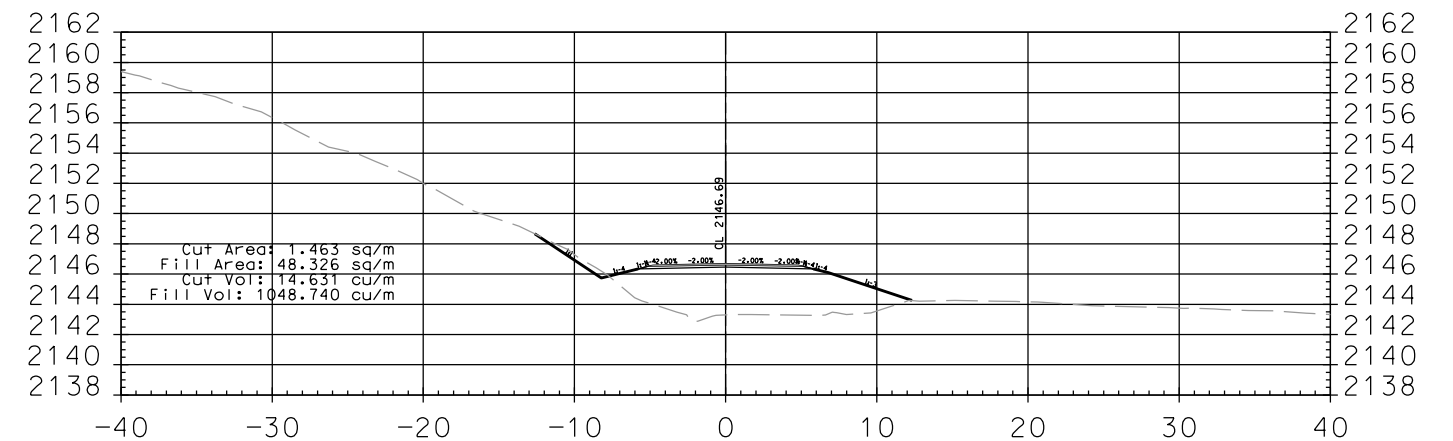
4+080.000



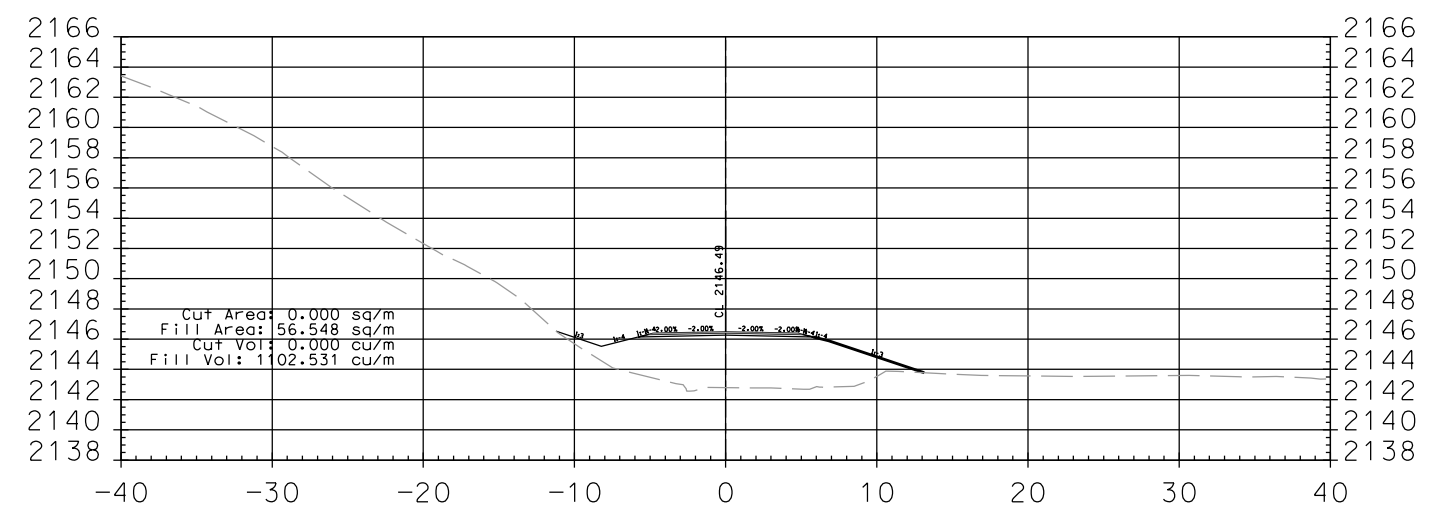
4+060.000



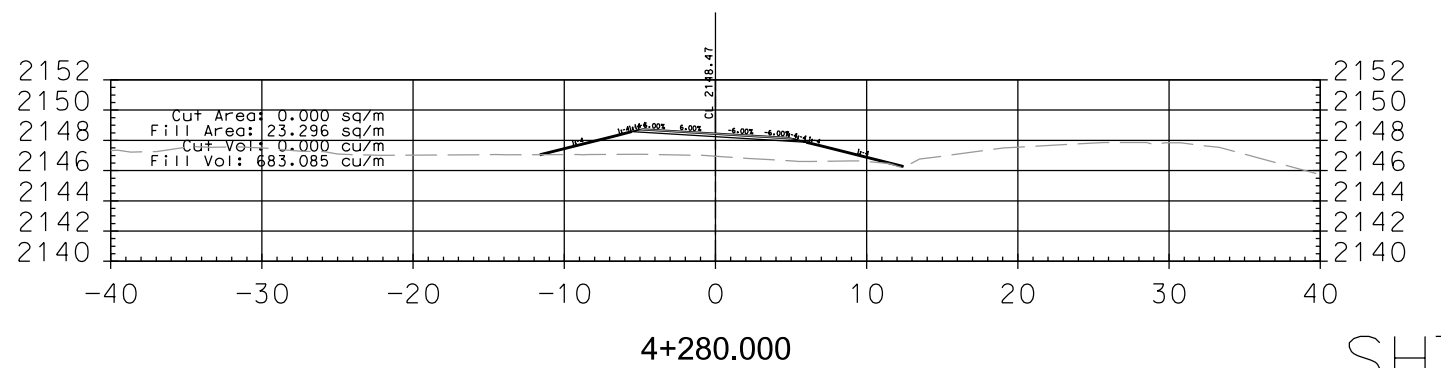
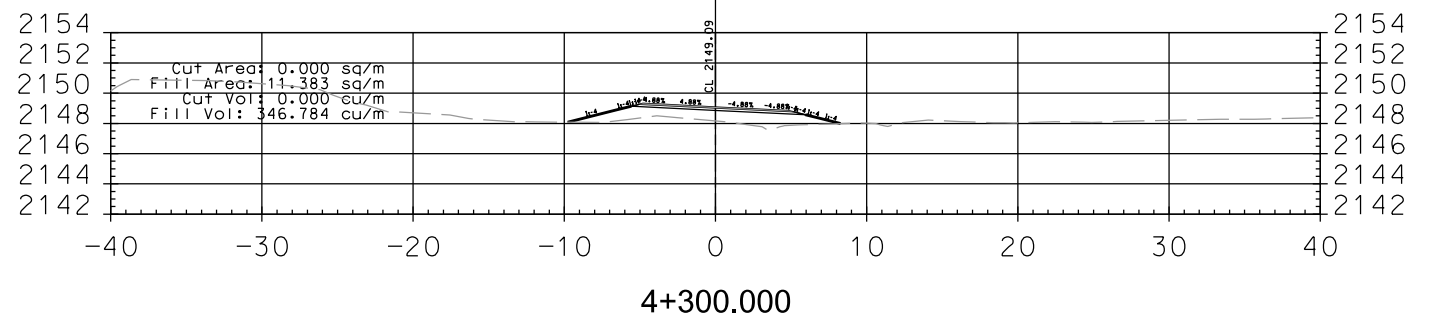
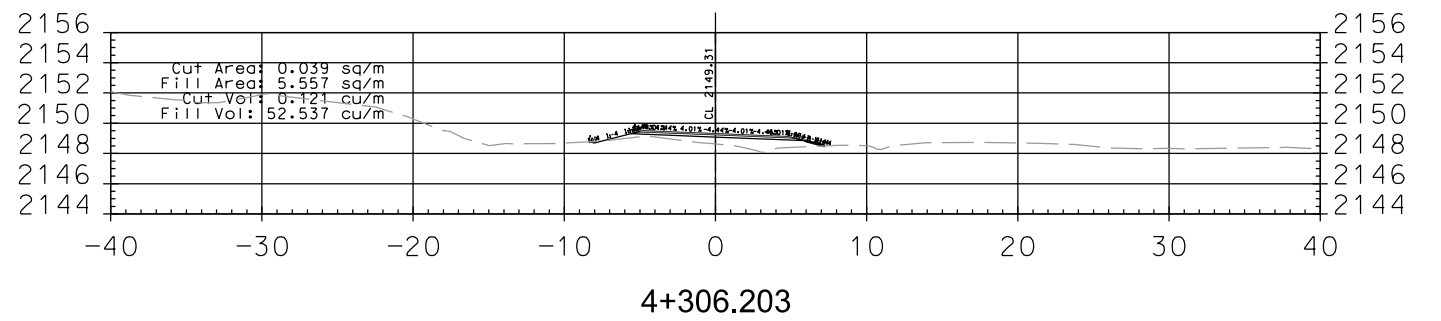
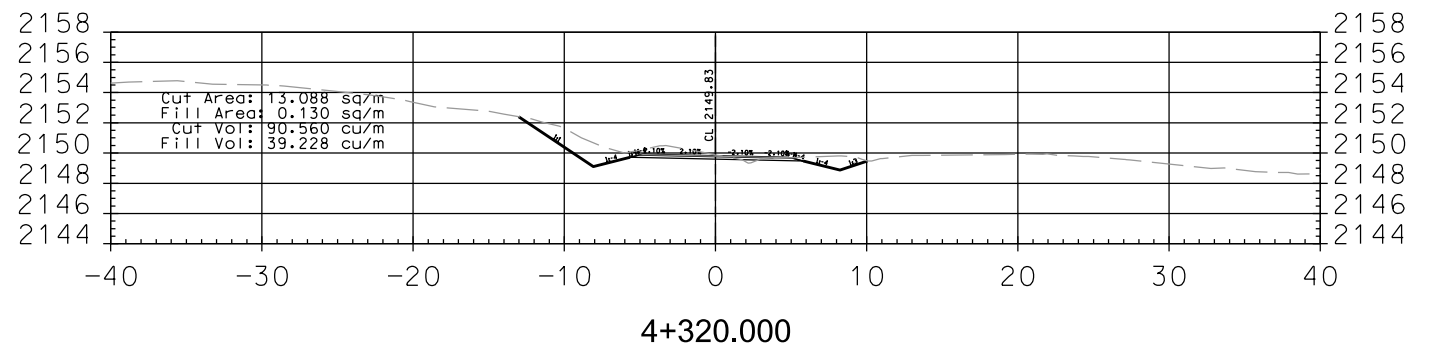
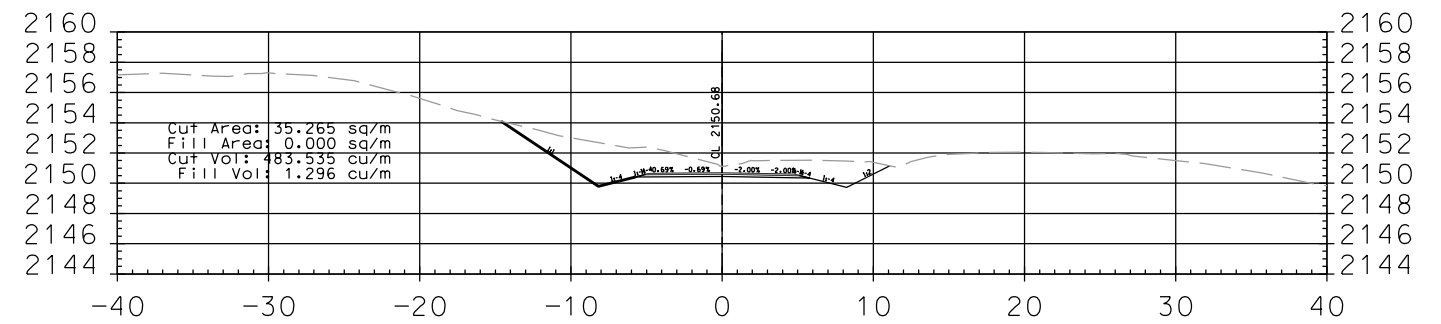
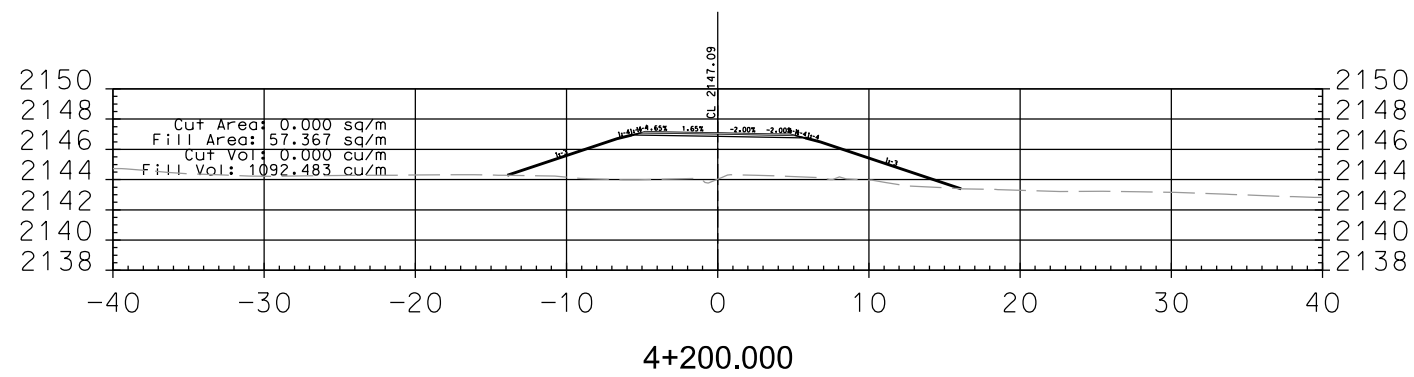
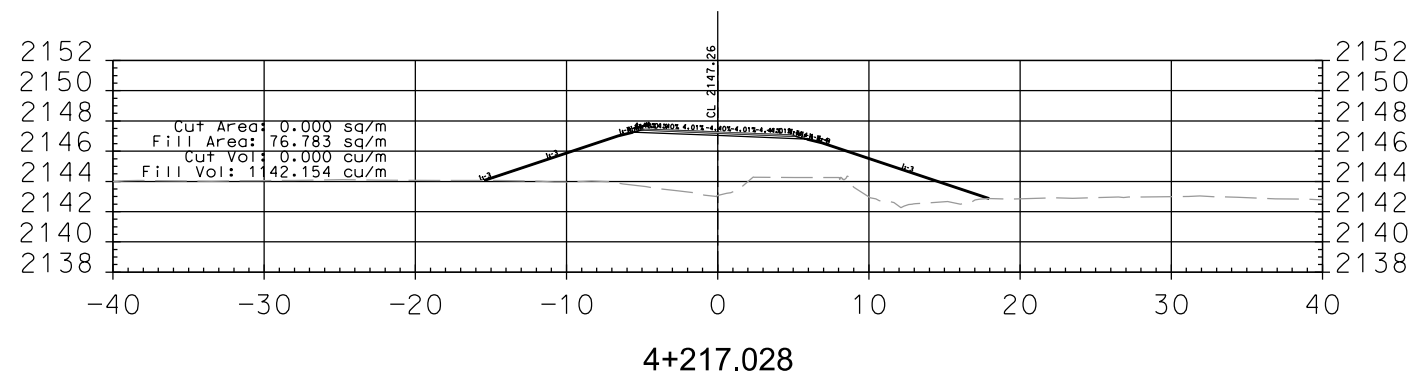
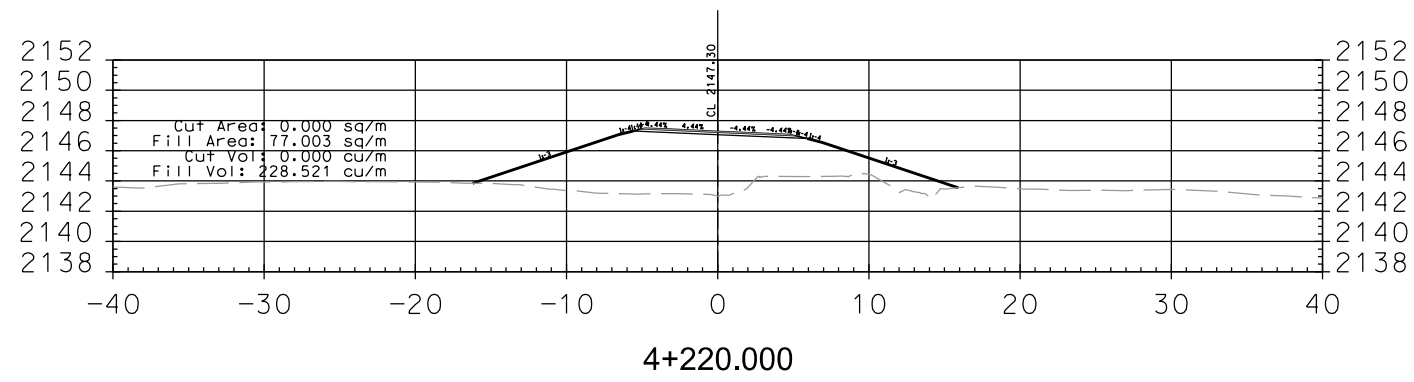
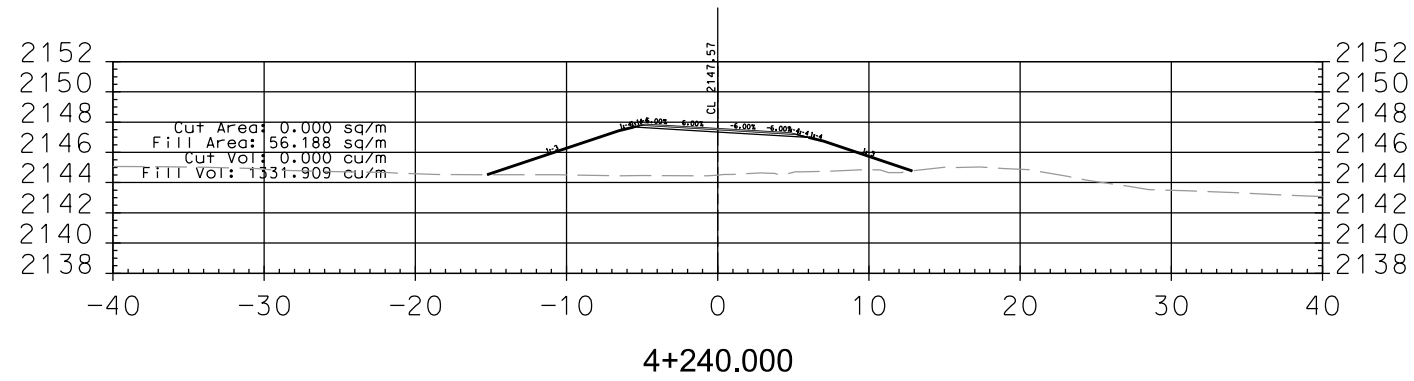
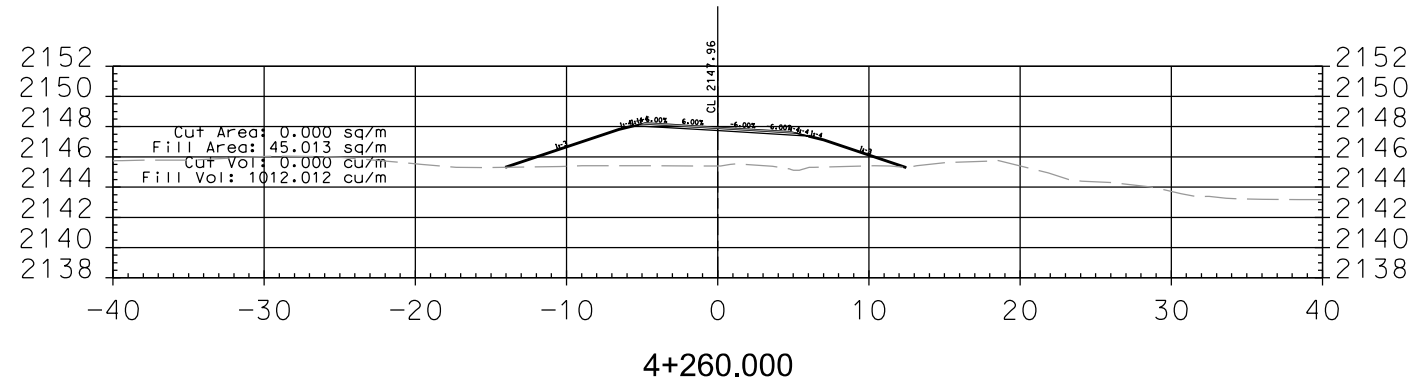
4+180.000

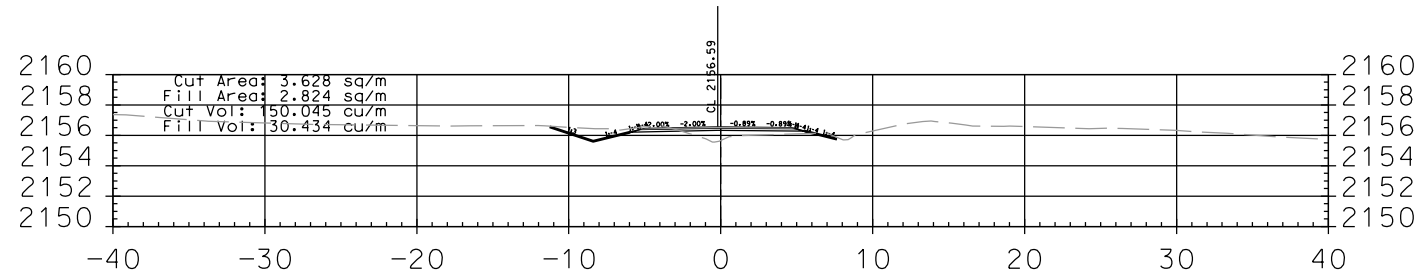


4+160.000

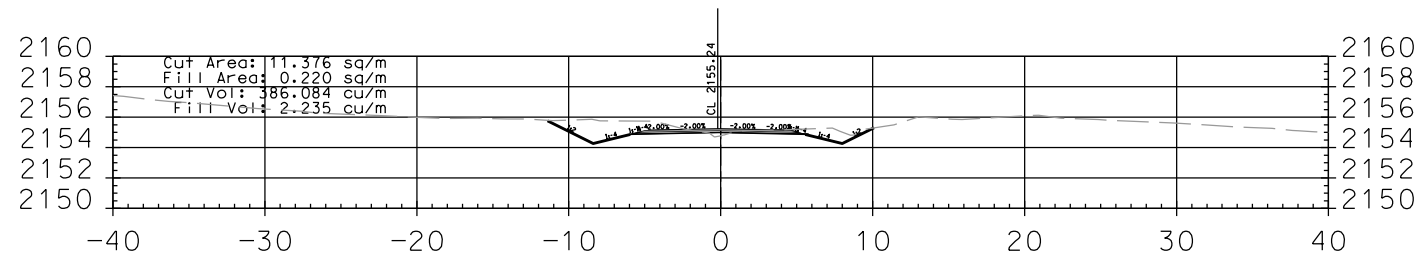


4+140.000

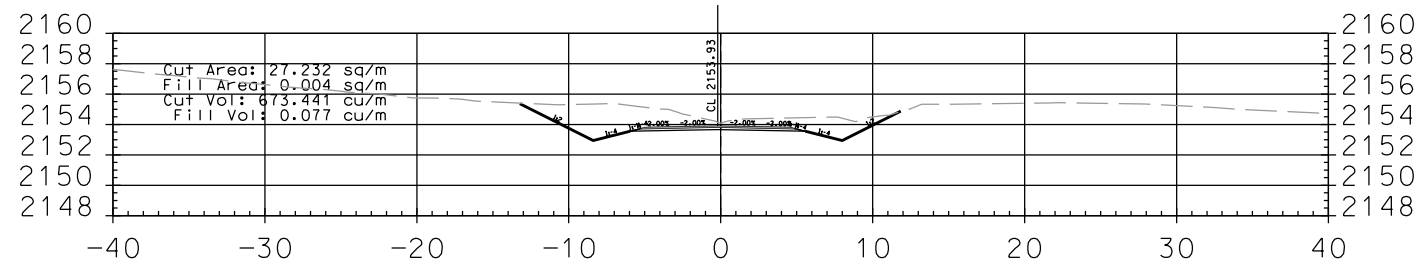




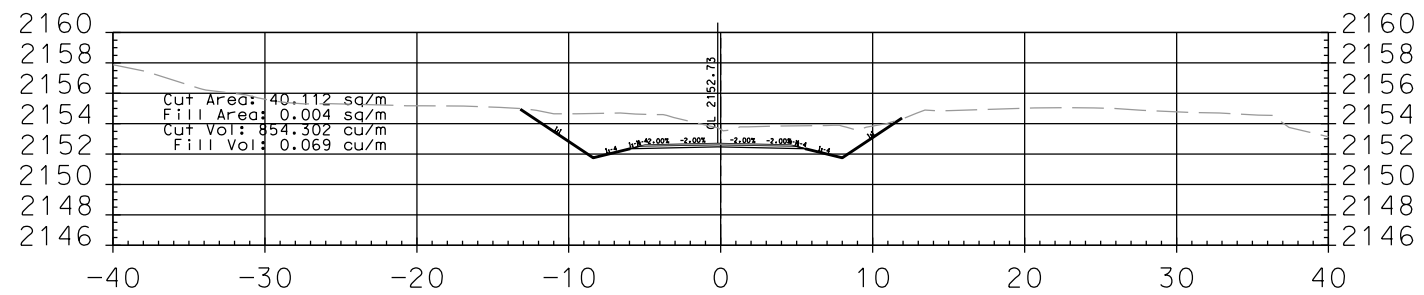
4+440.000



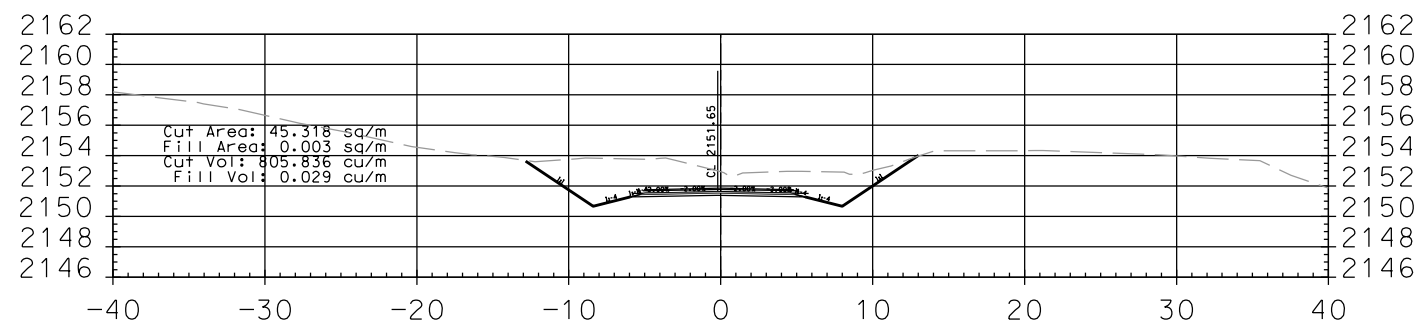
4+420.000



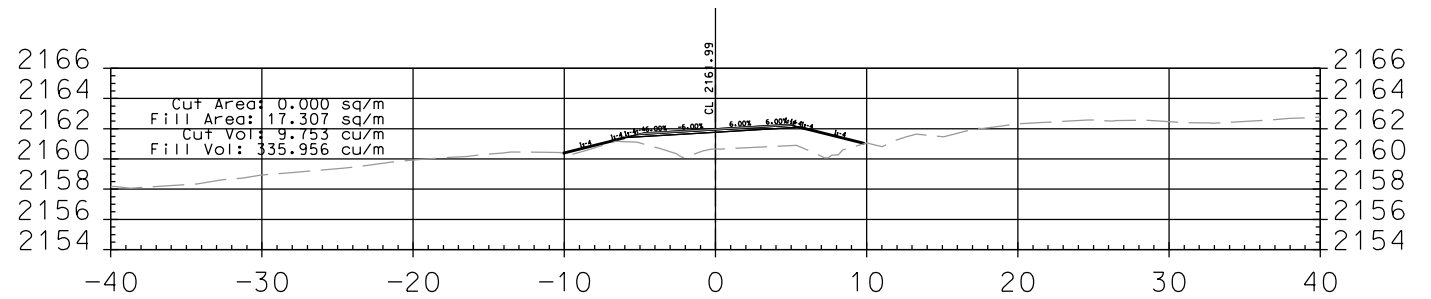
4+400.000



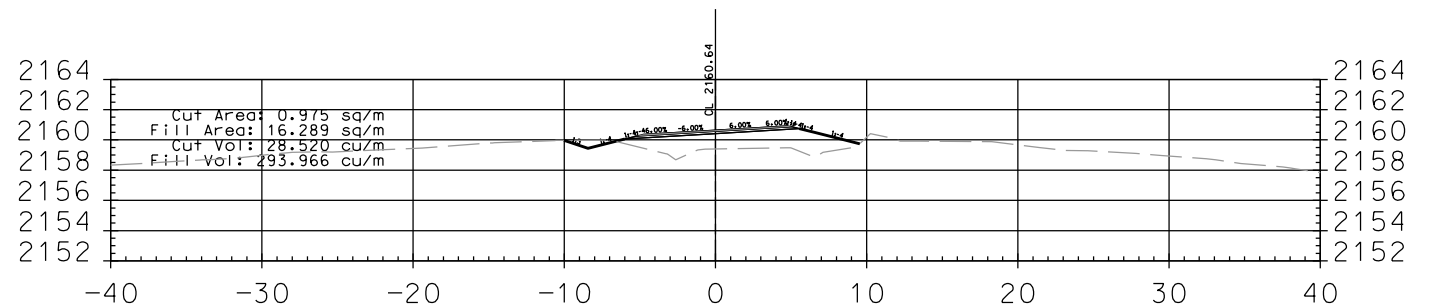
4+380.000



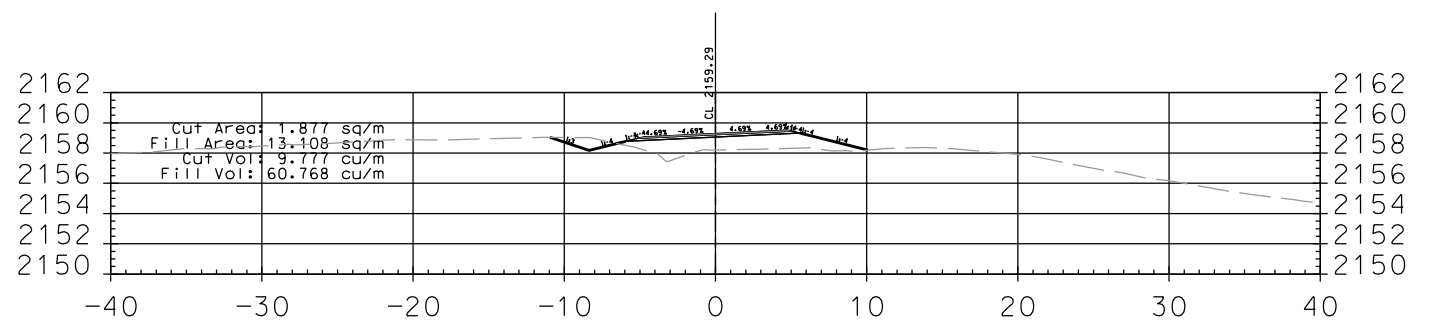
4+360.000



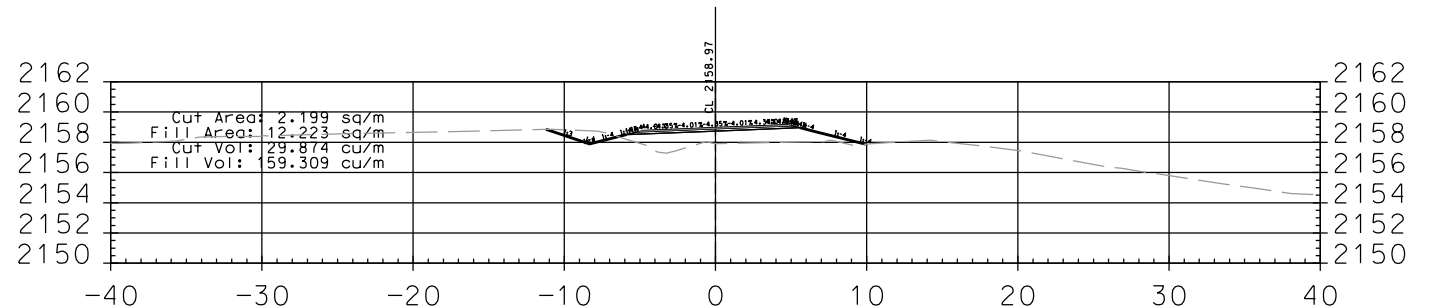
4+520.000



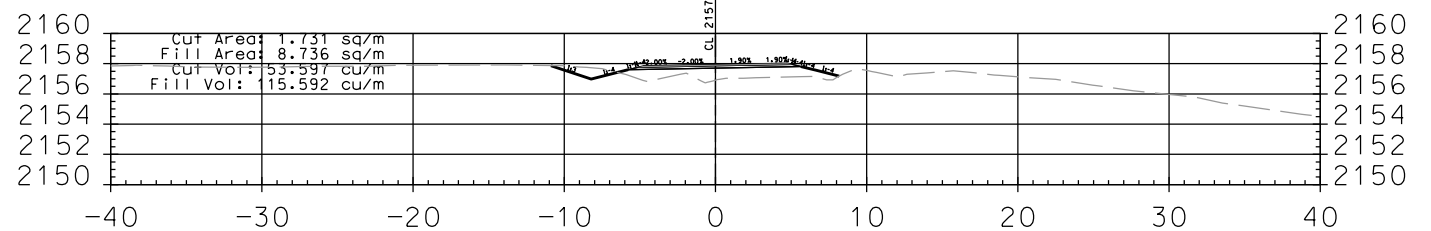
4+500.000



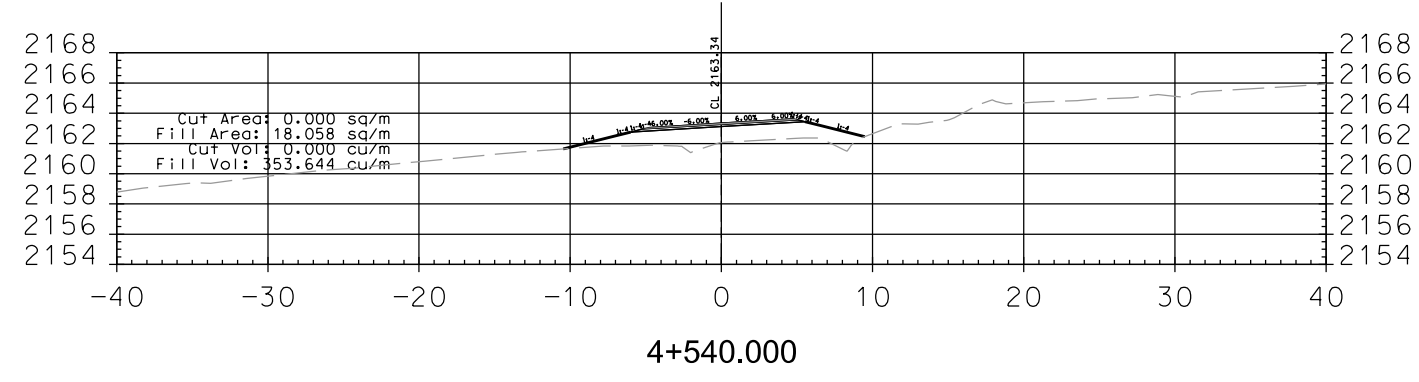
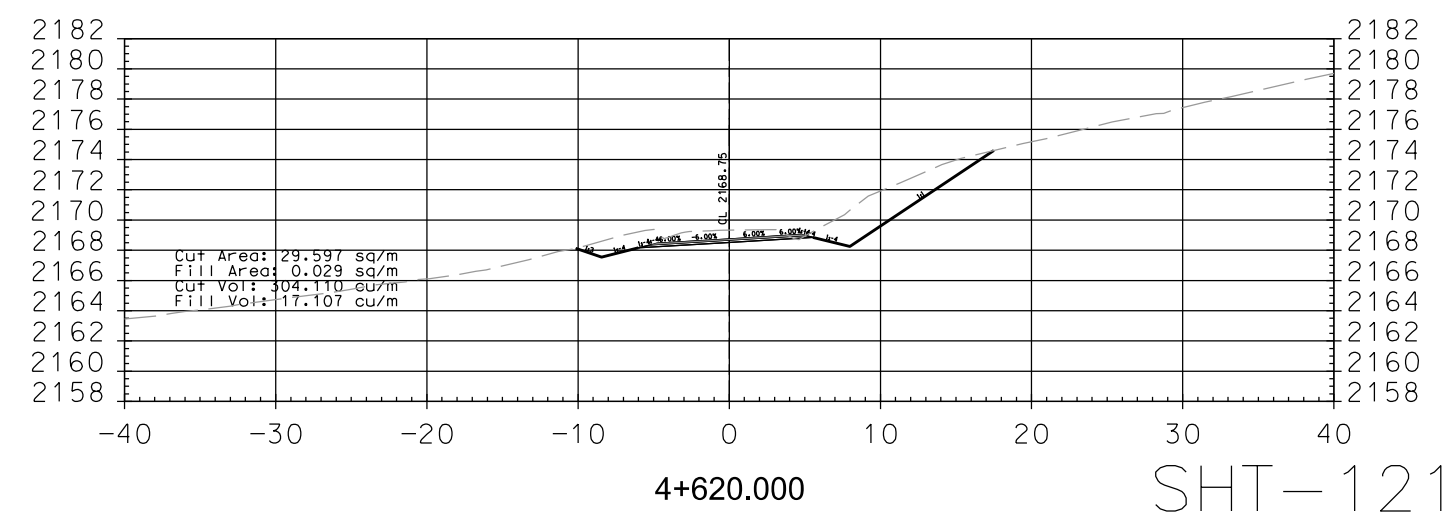
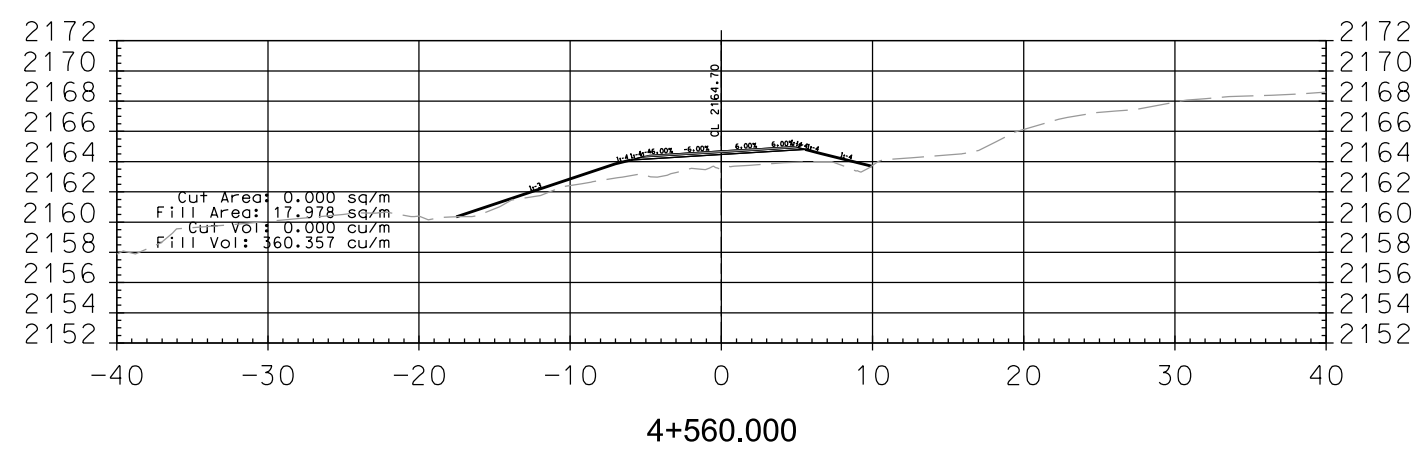
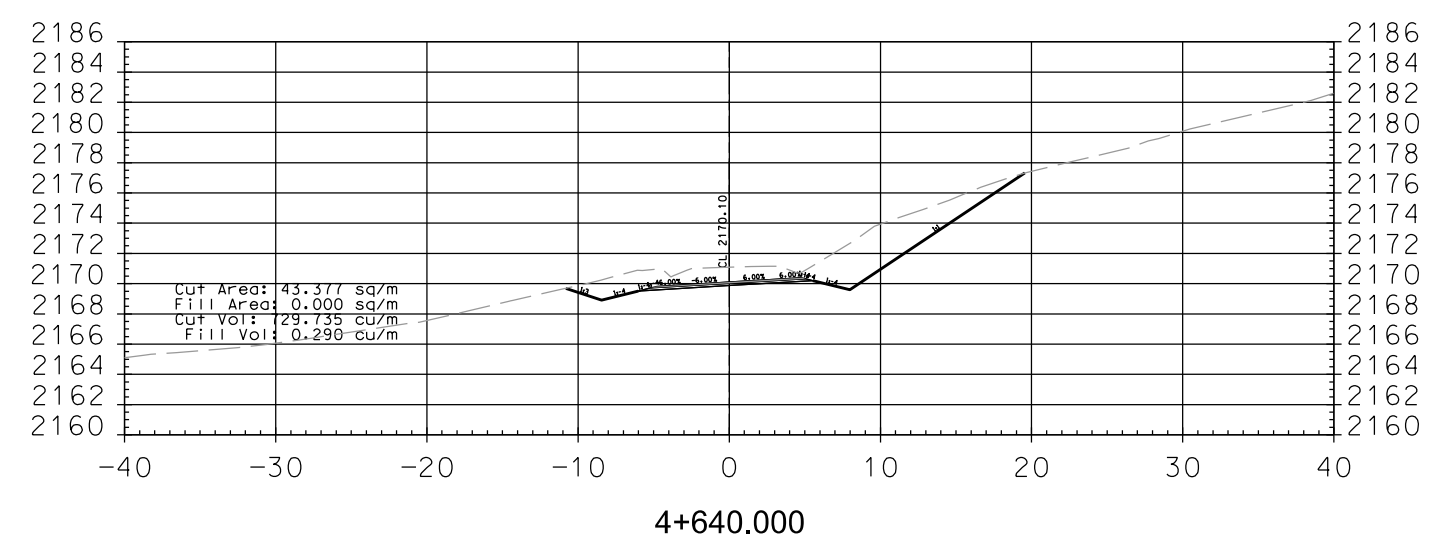
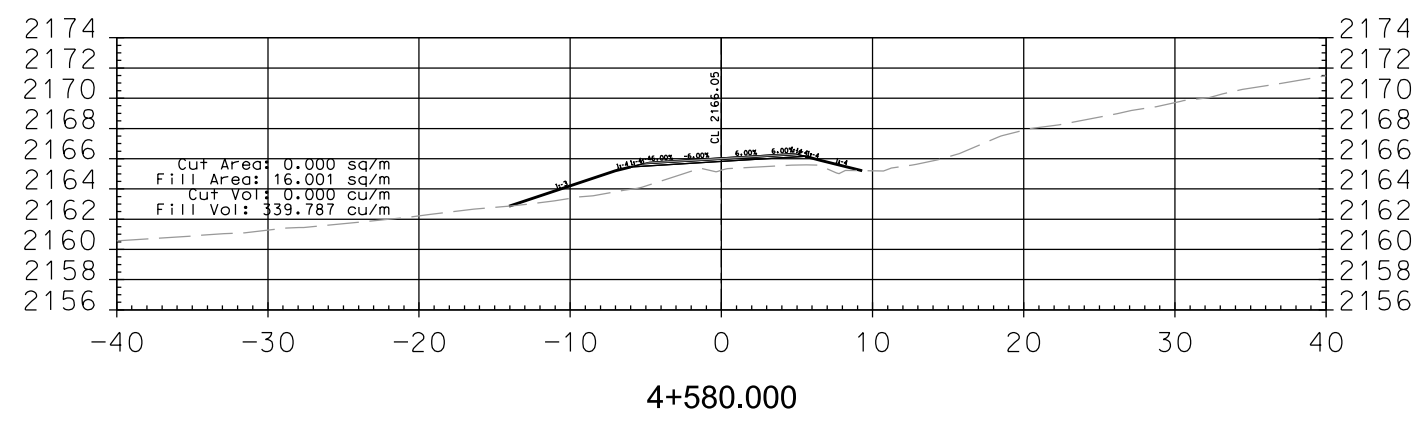
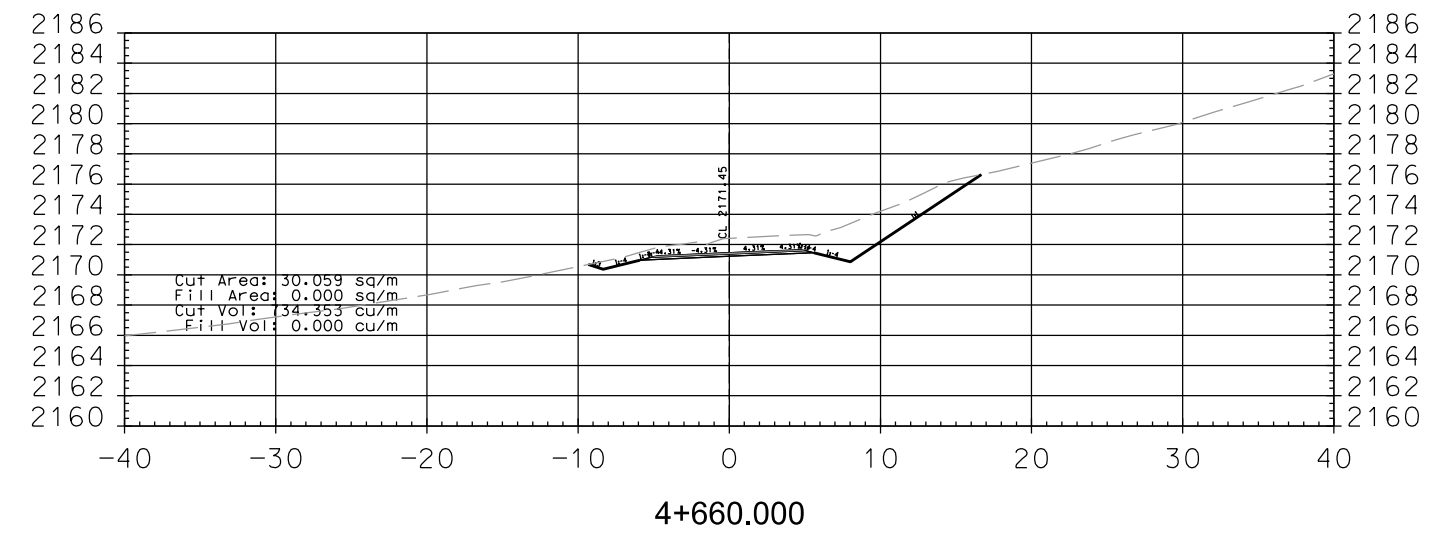
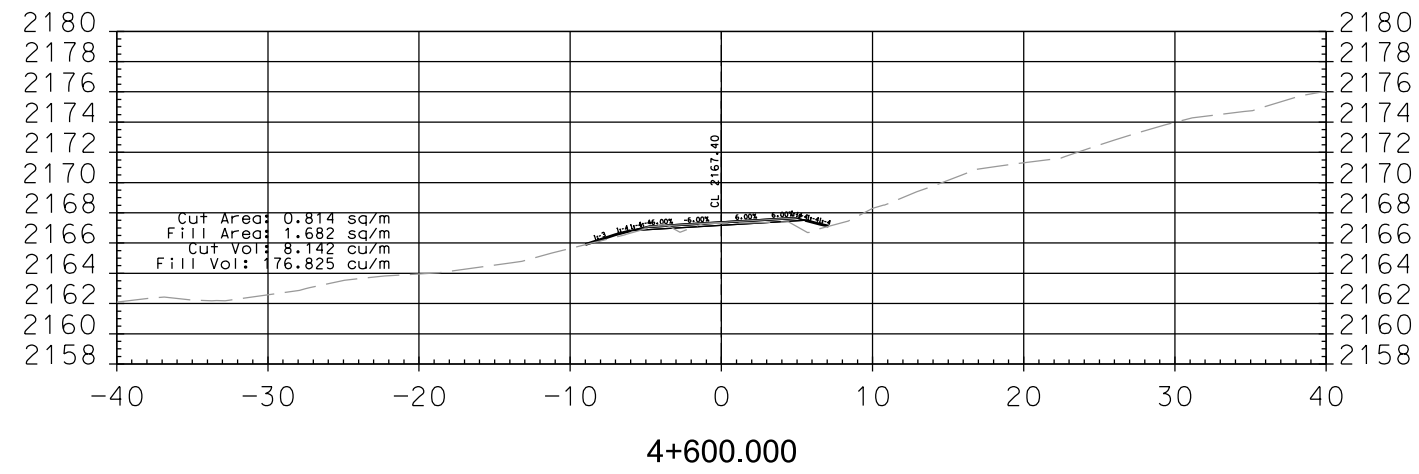
4+480.000

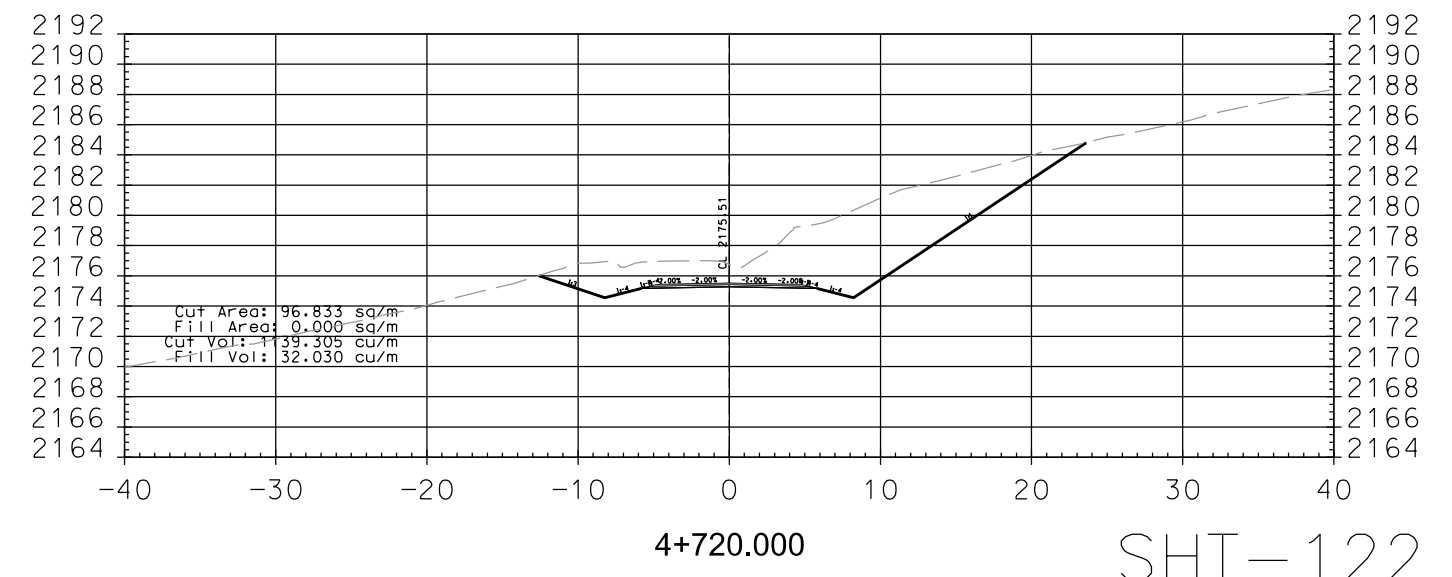
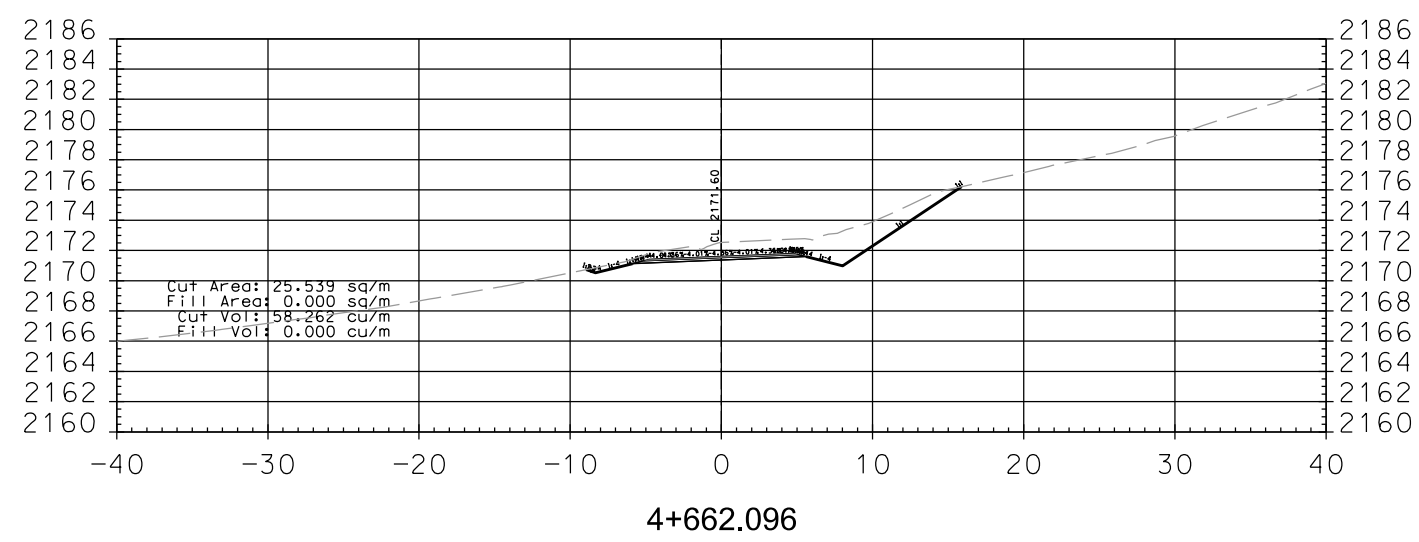
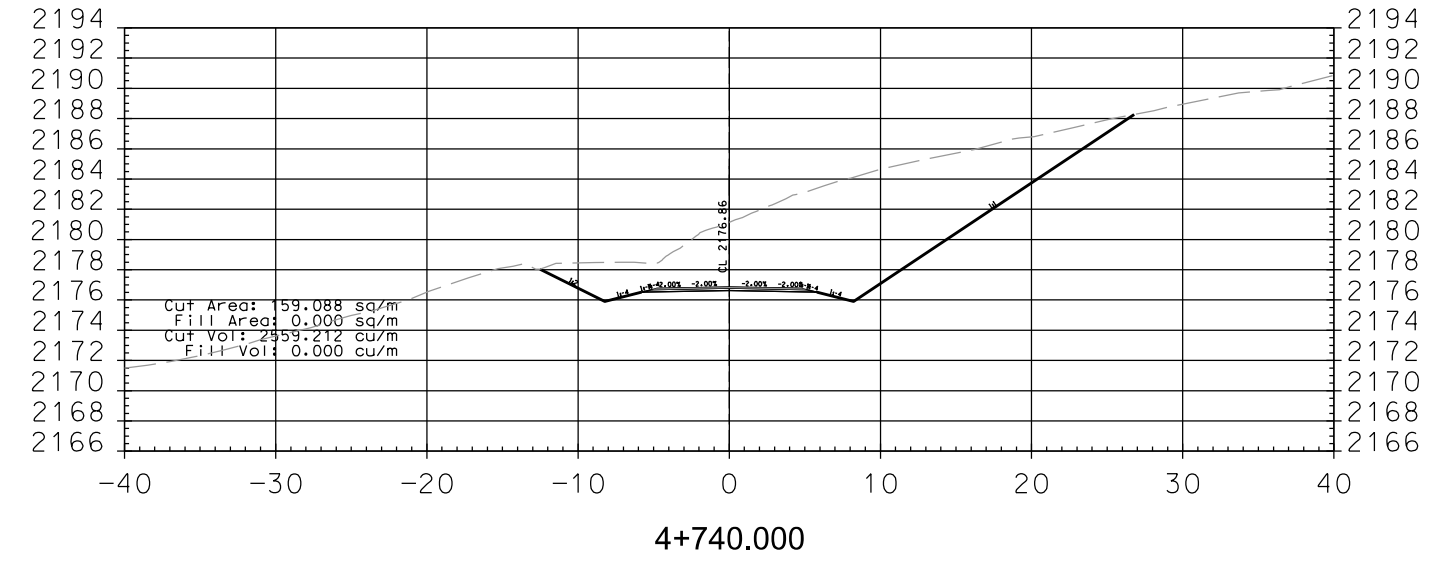
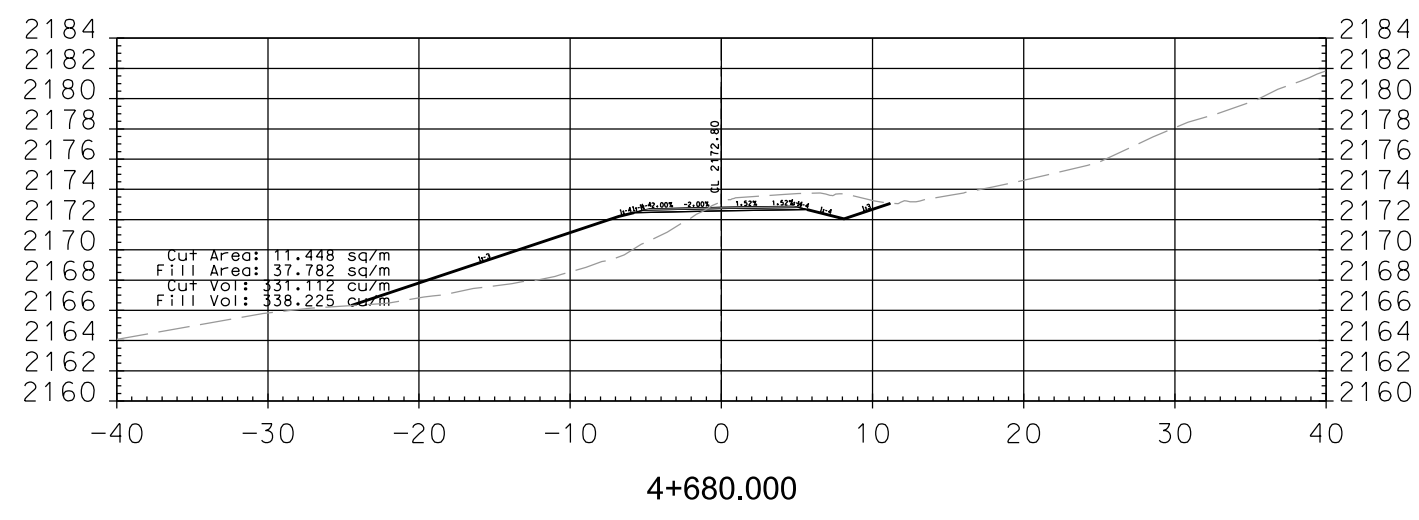
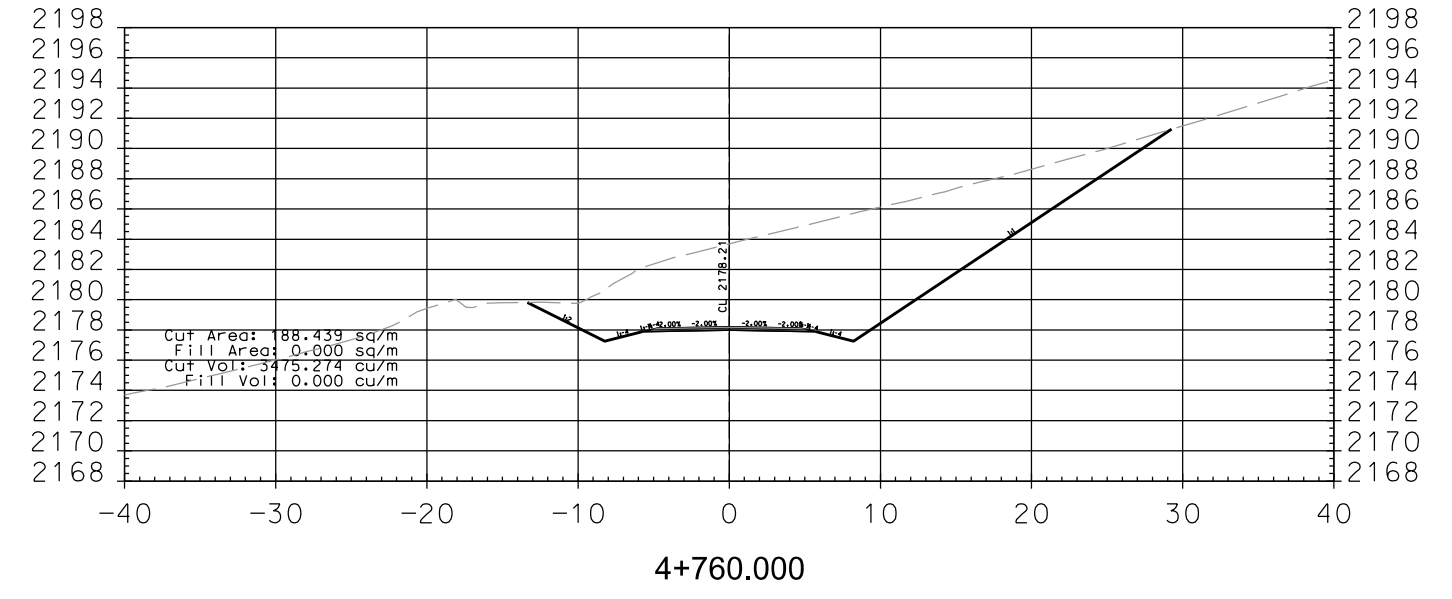
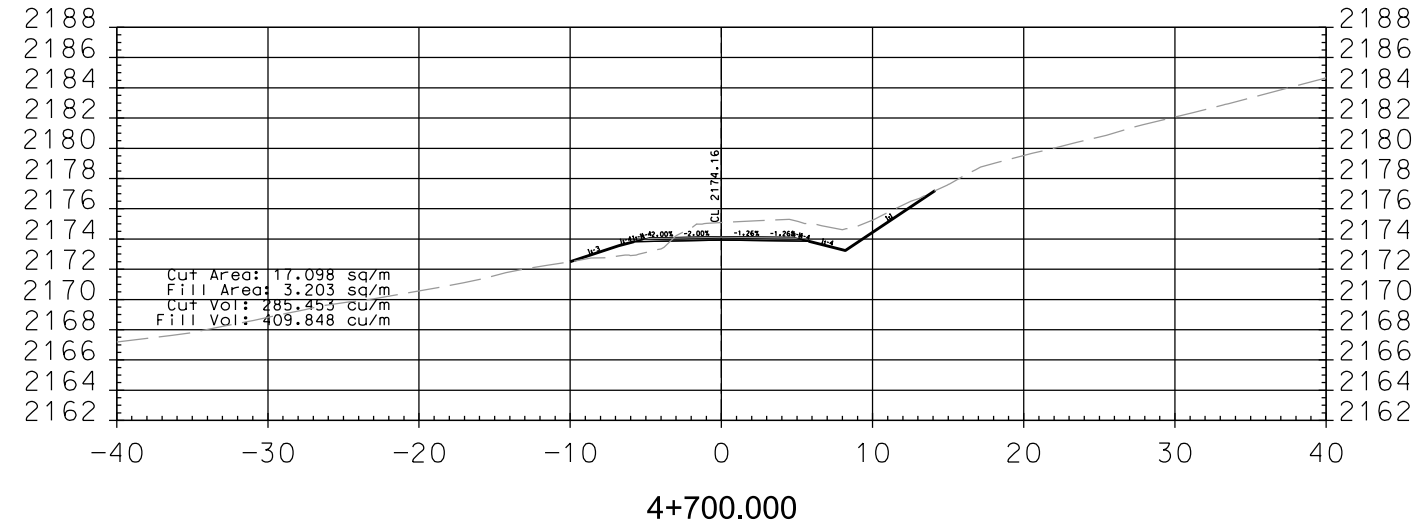


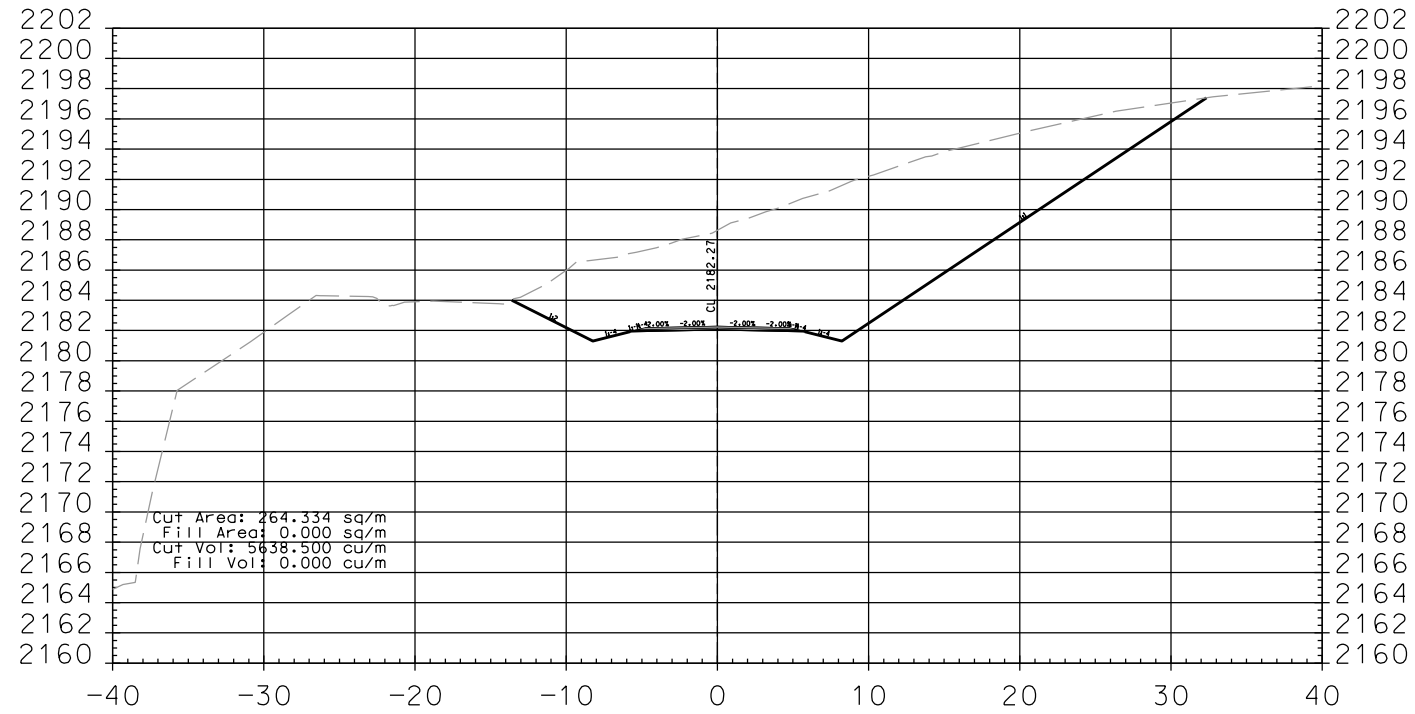
4+475.202



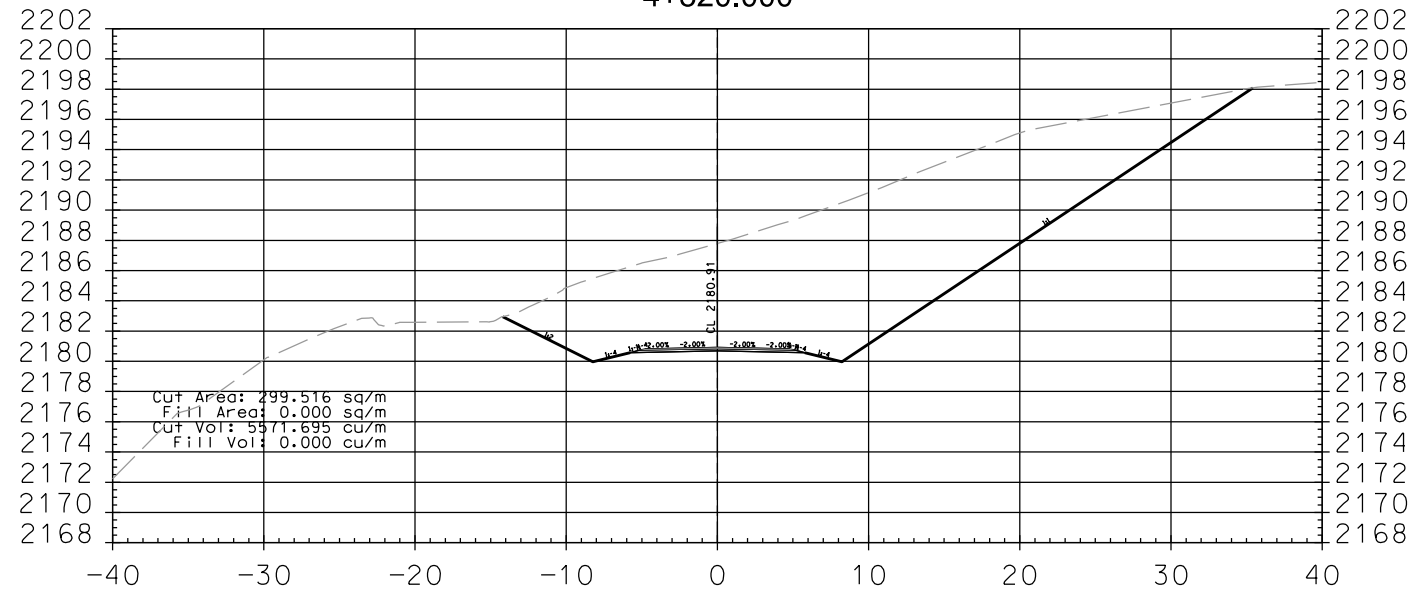
4+460.000



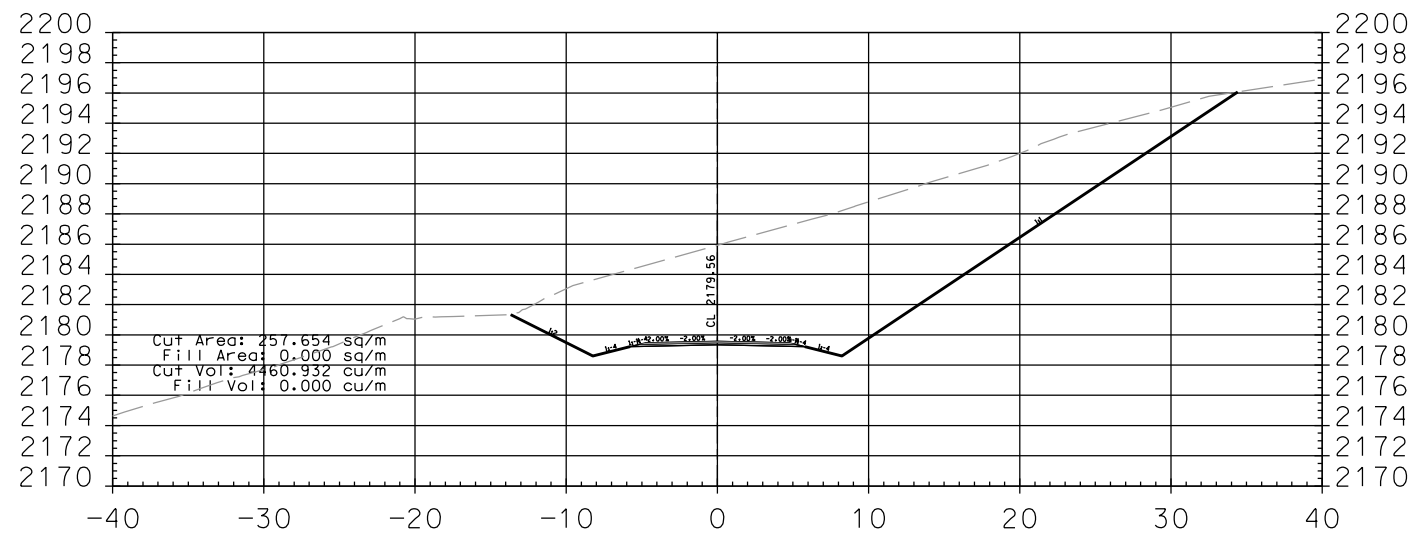




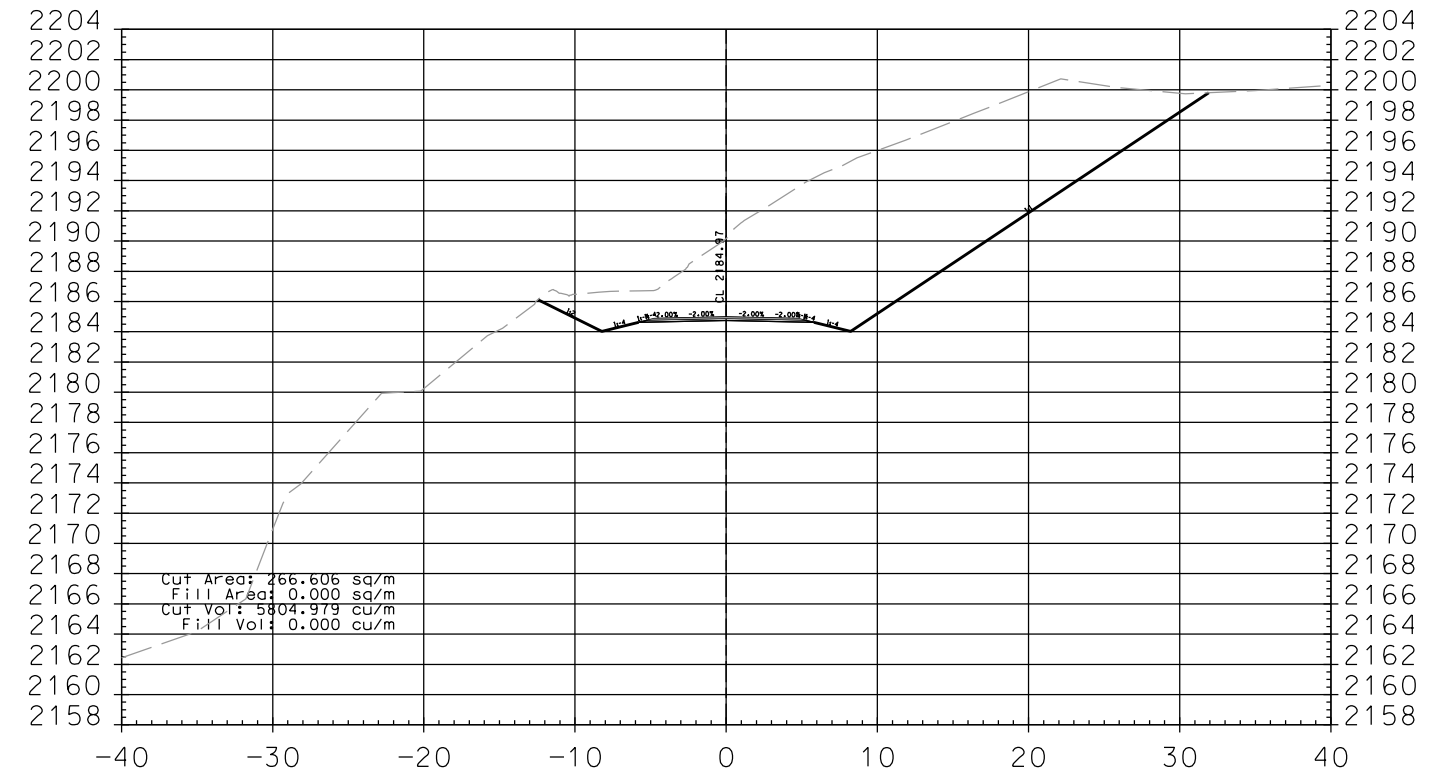
4+820.000



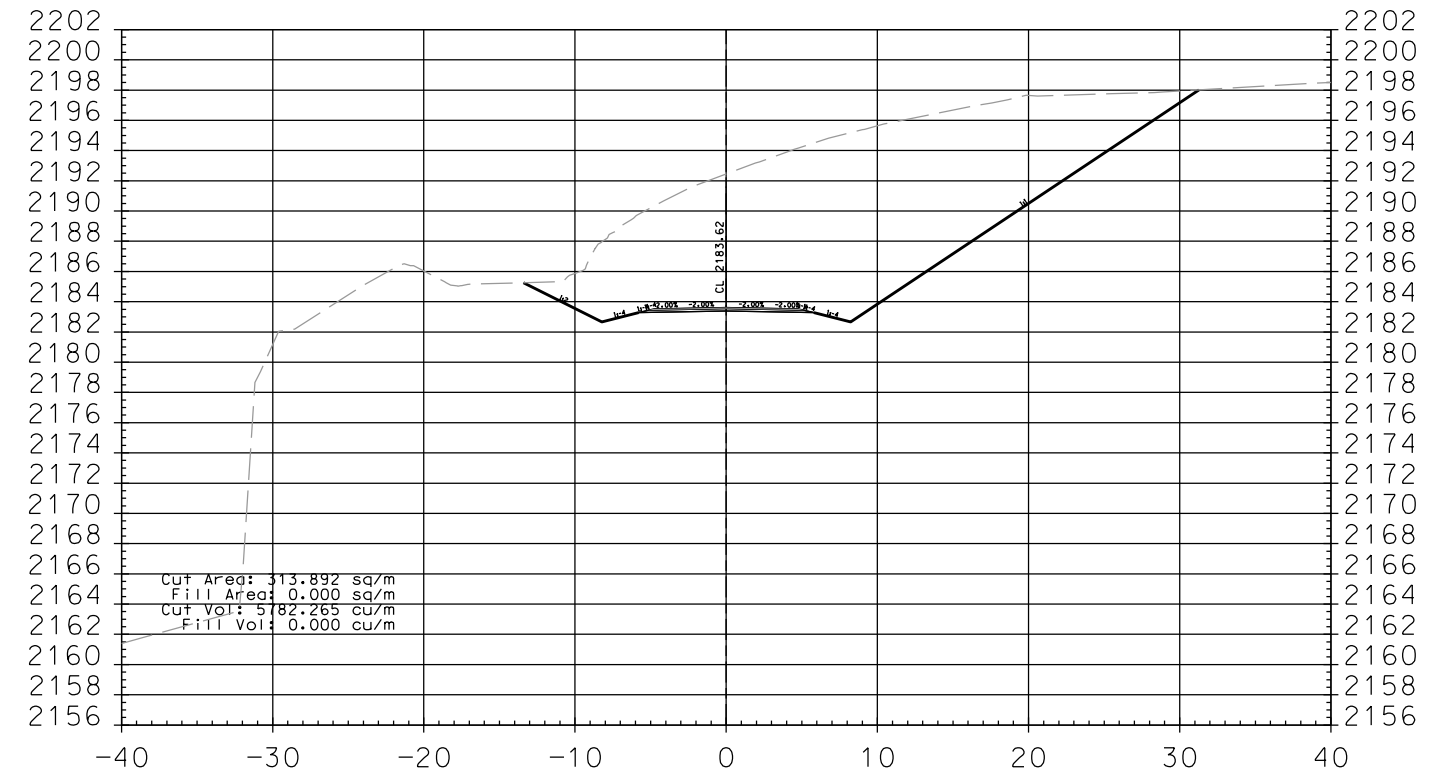
4+800.000



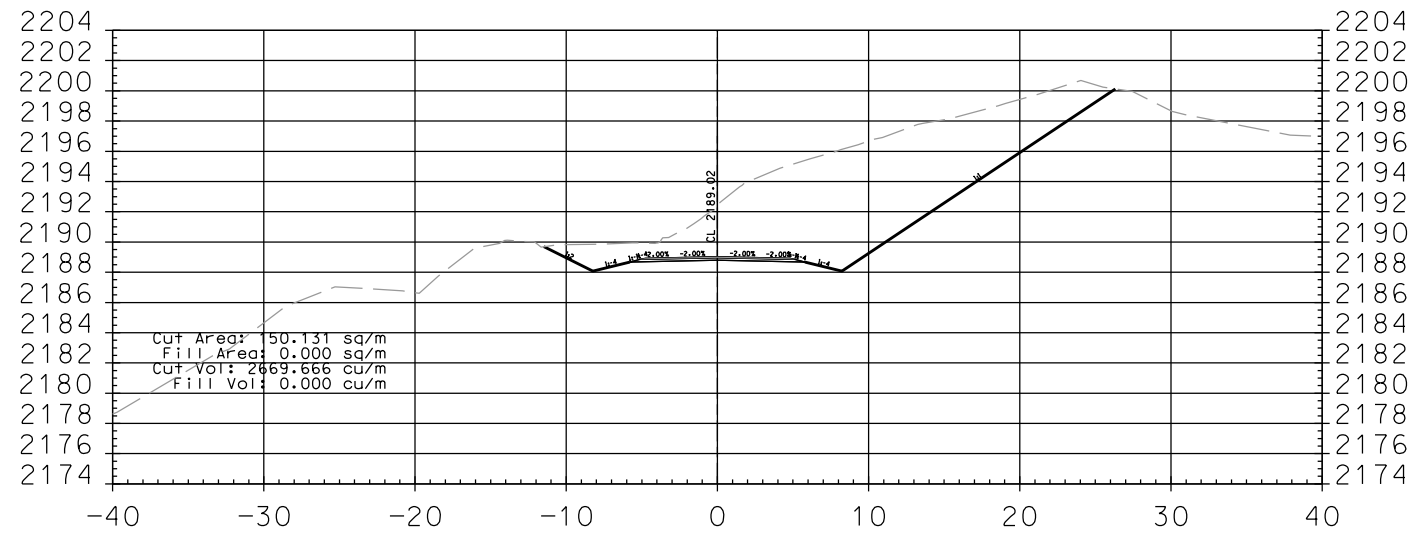
4+780.000



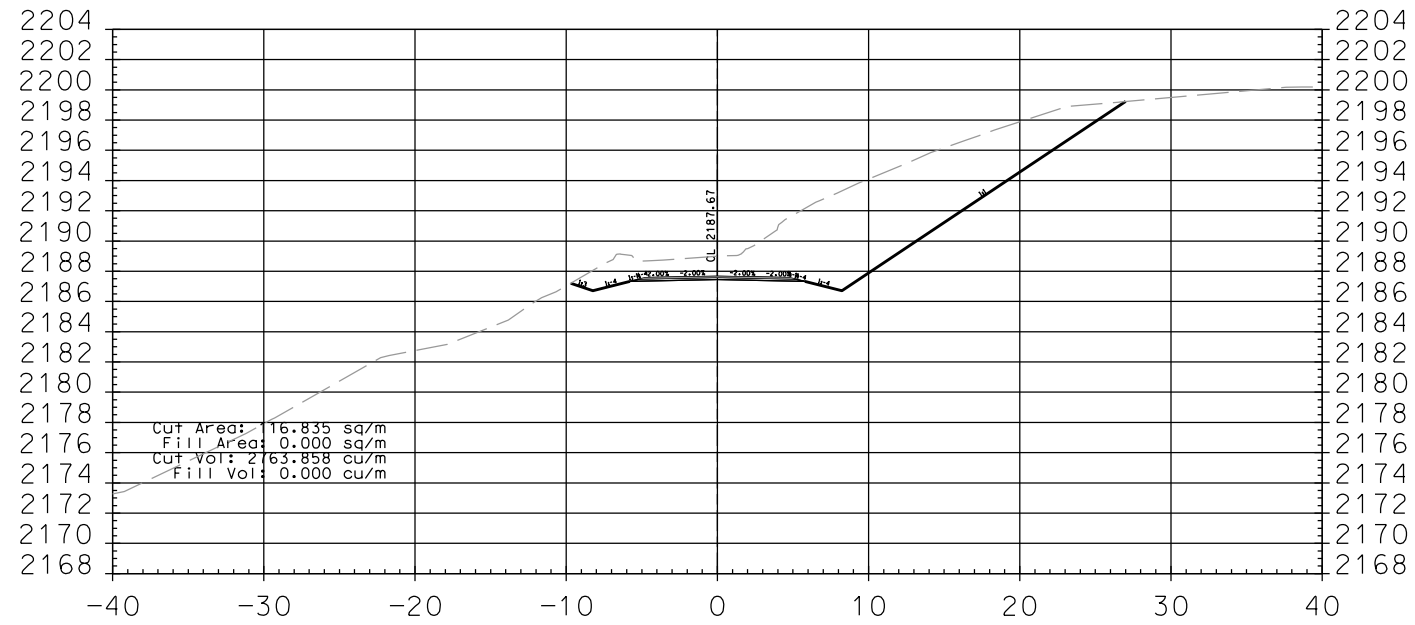
4+860.000



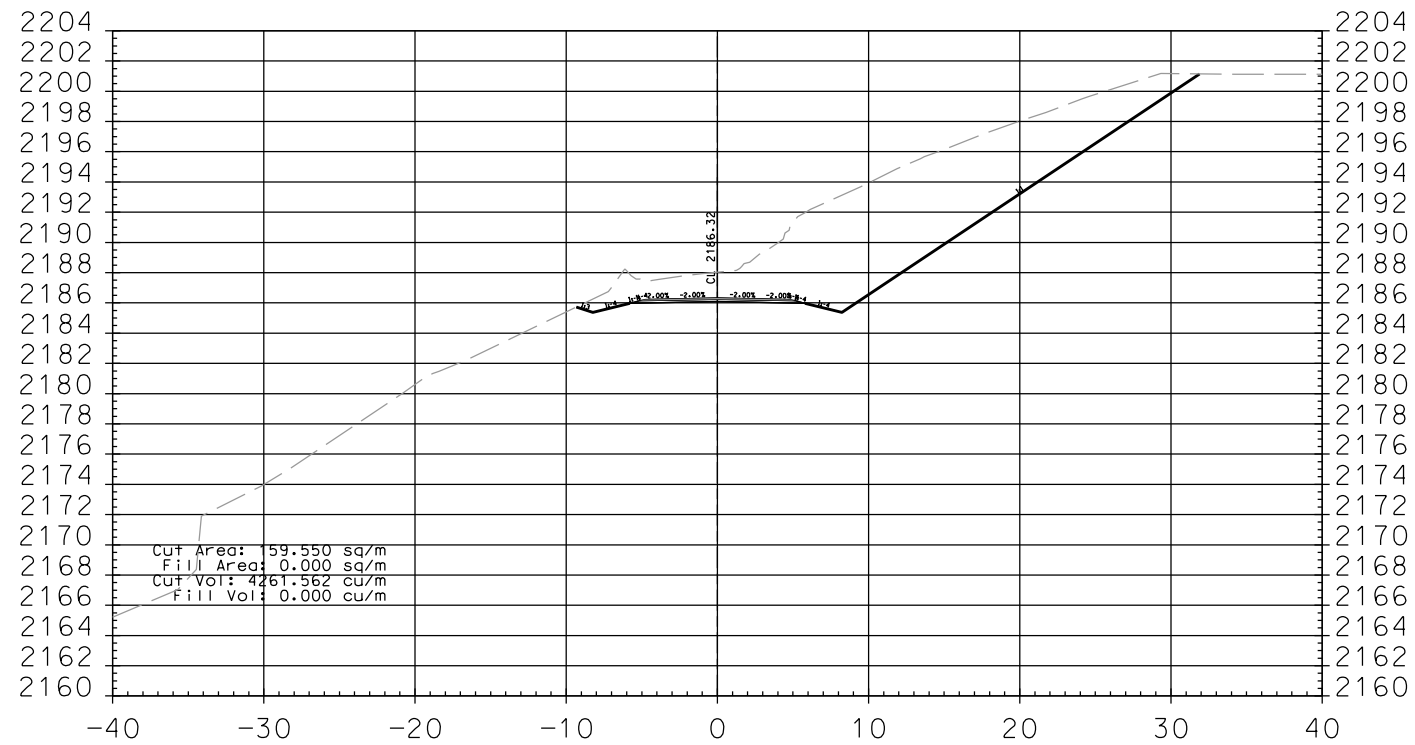
4+840.000



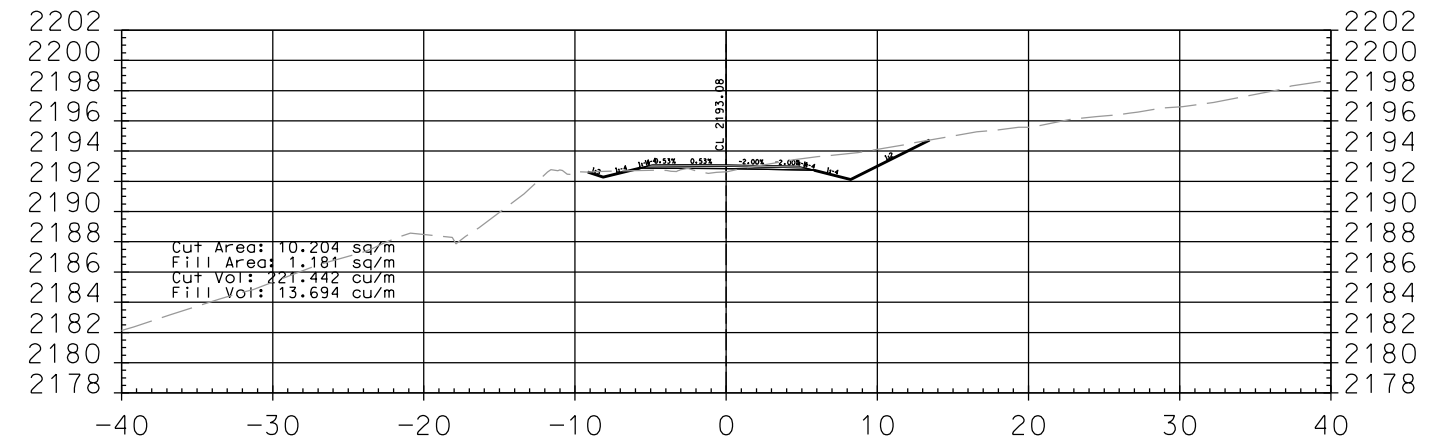
4+920.000



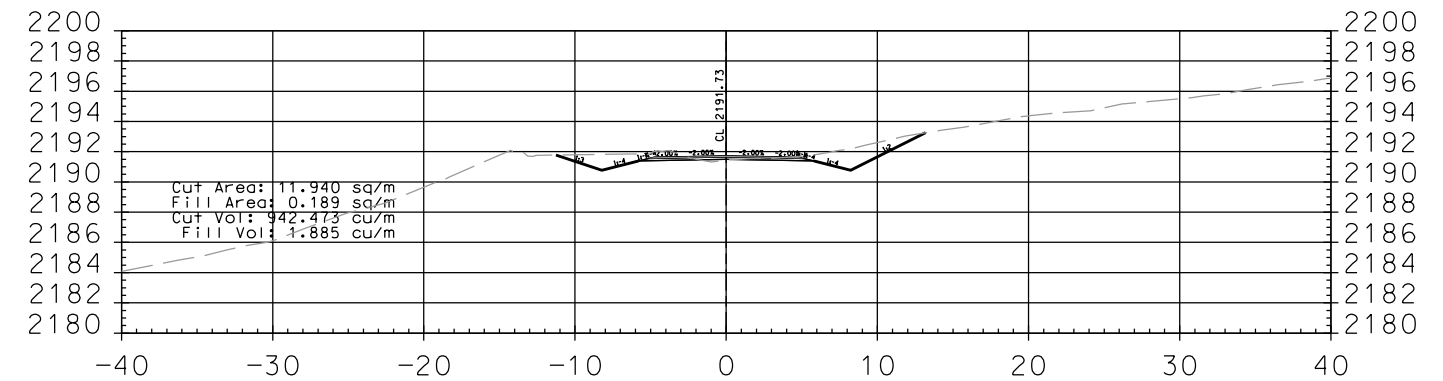
4+900.000



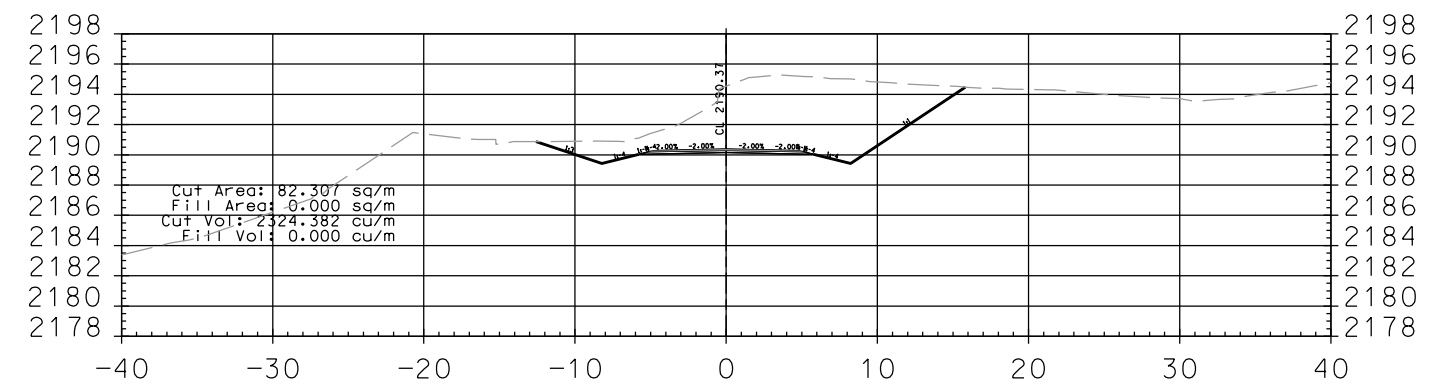
4+880.000



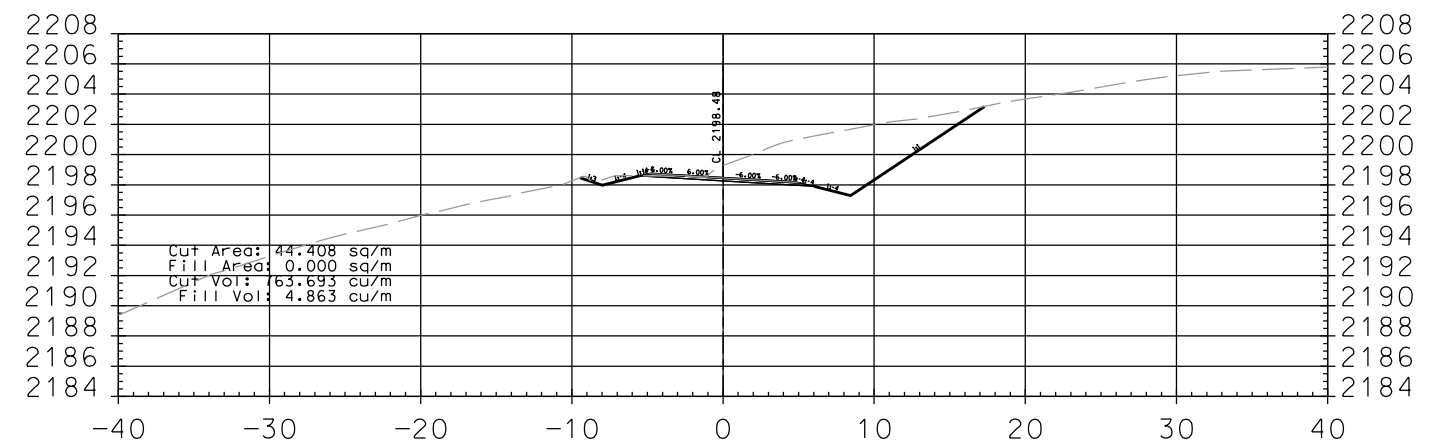
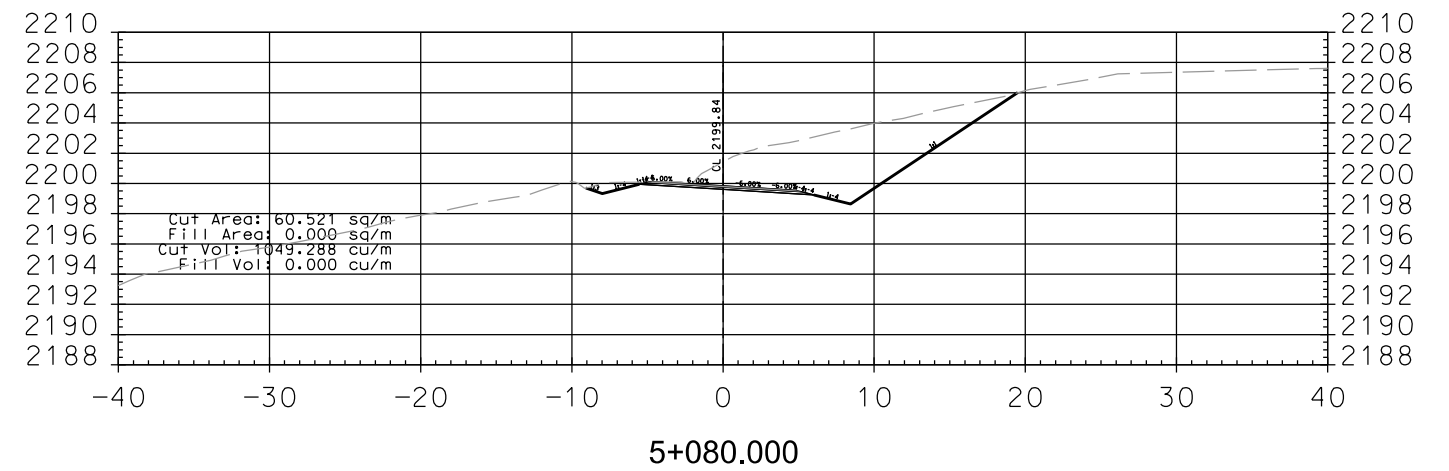
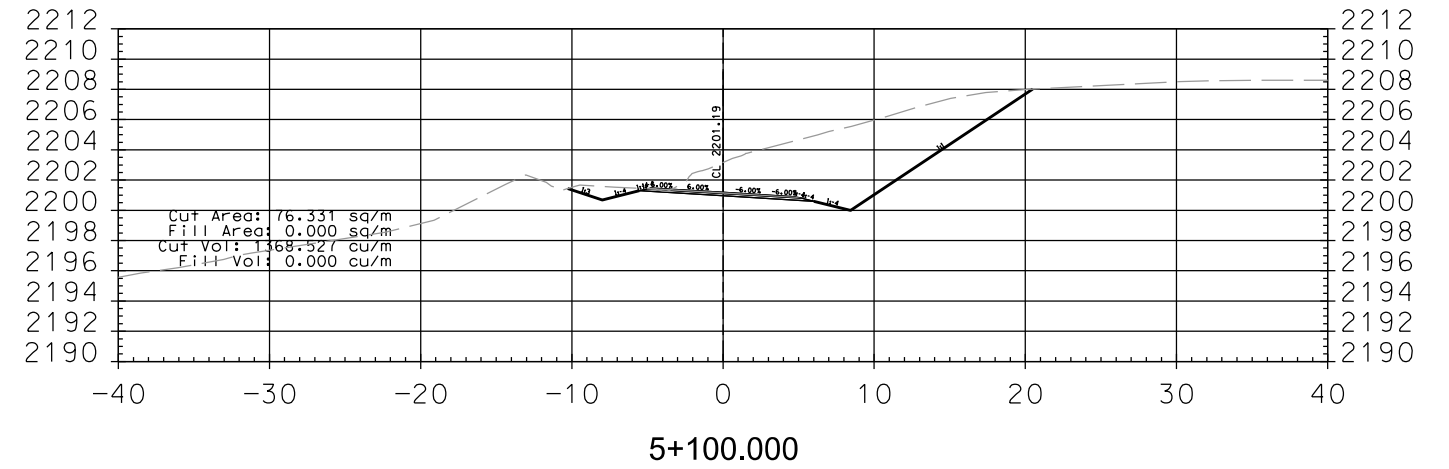
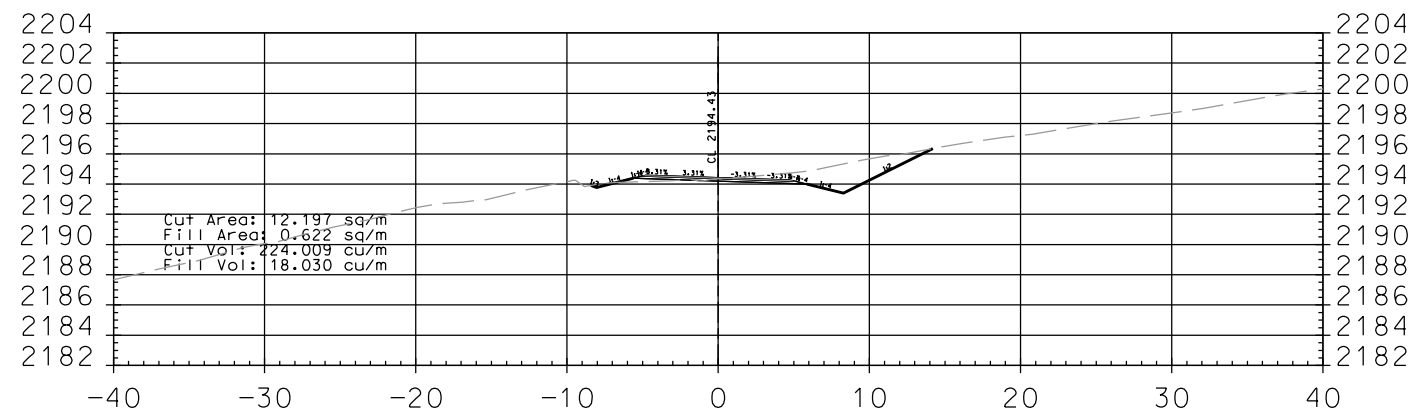
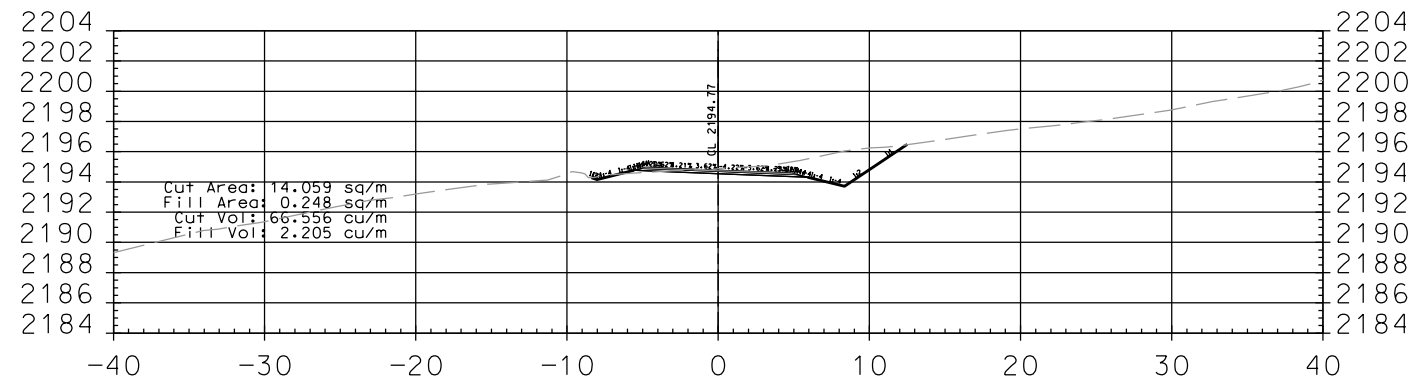
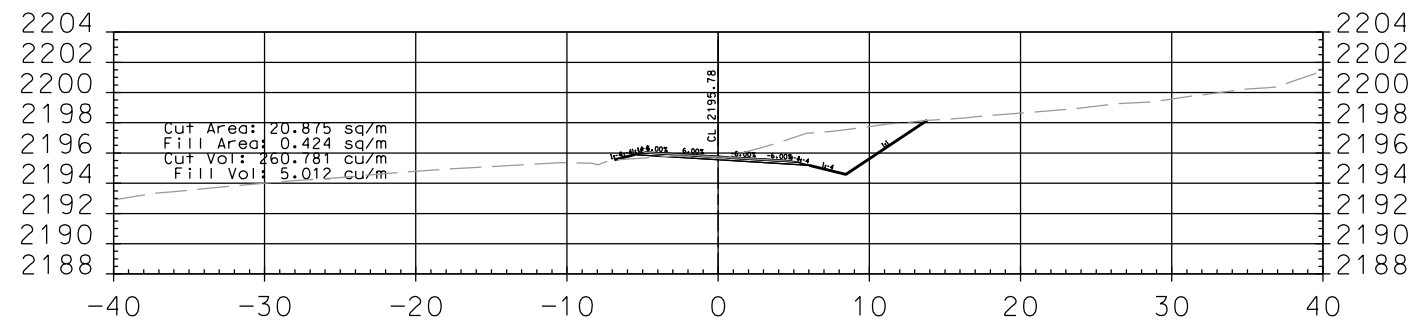
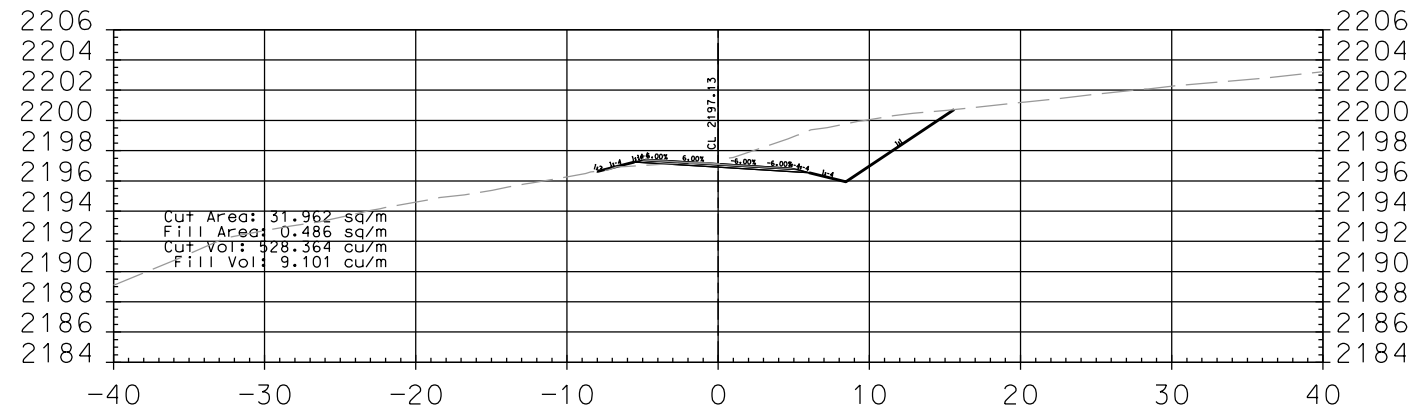
4+980.000

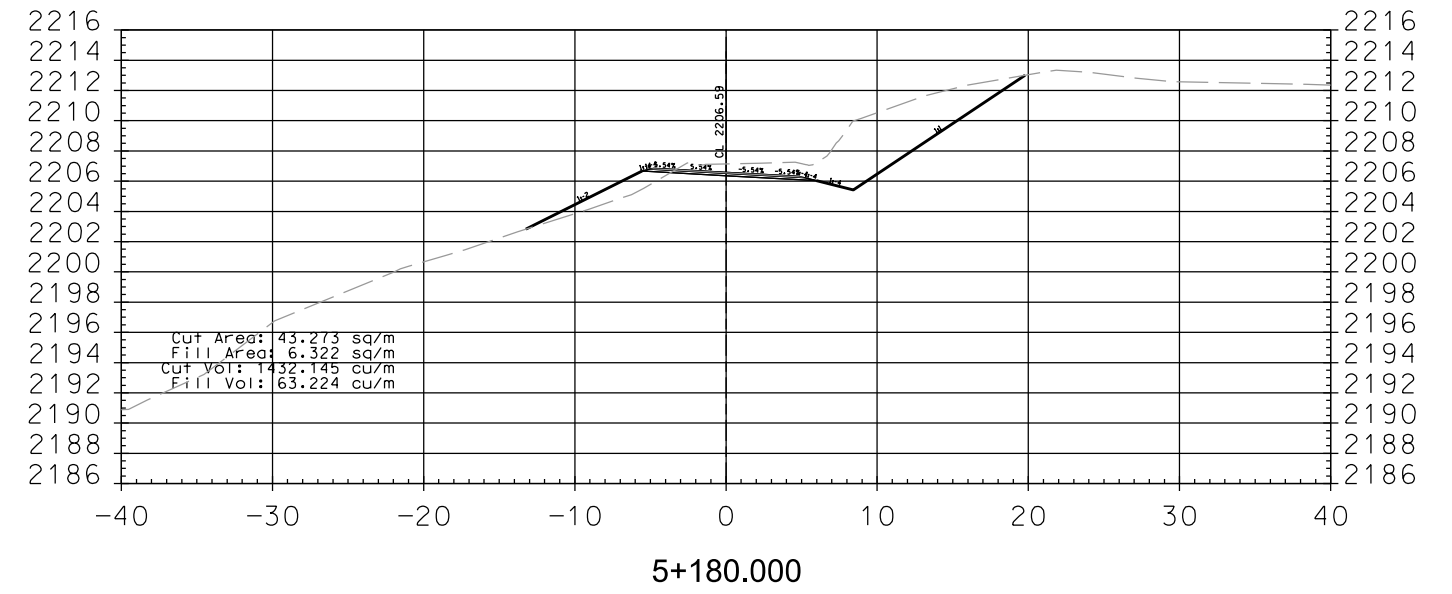
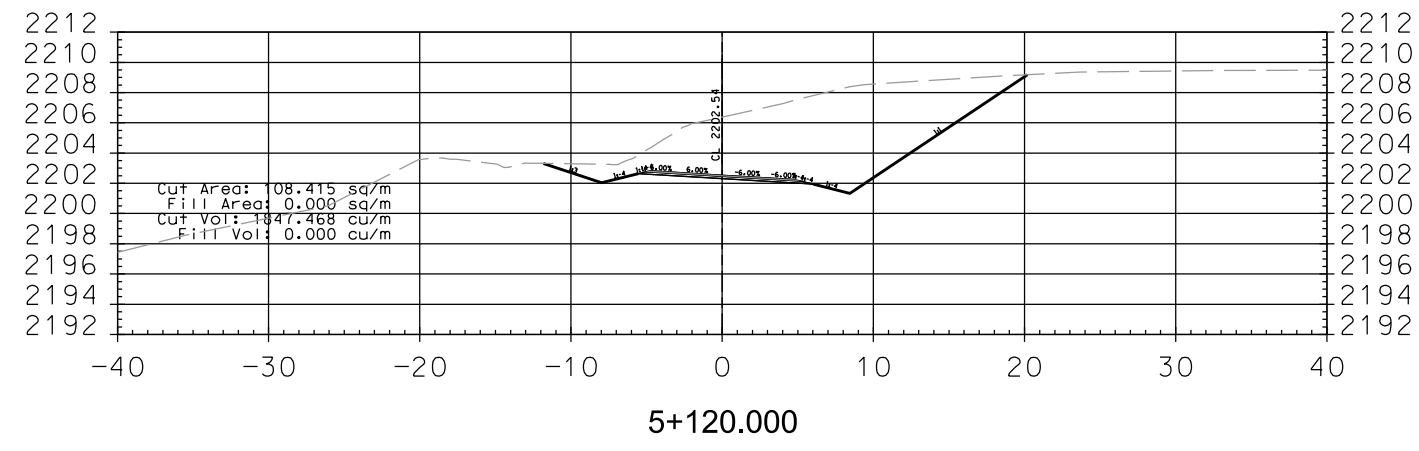
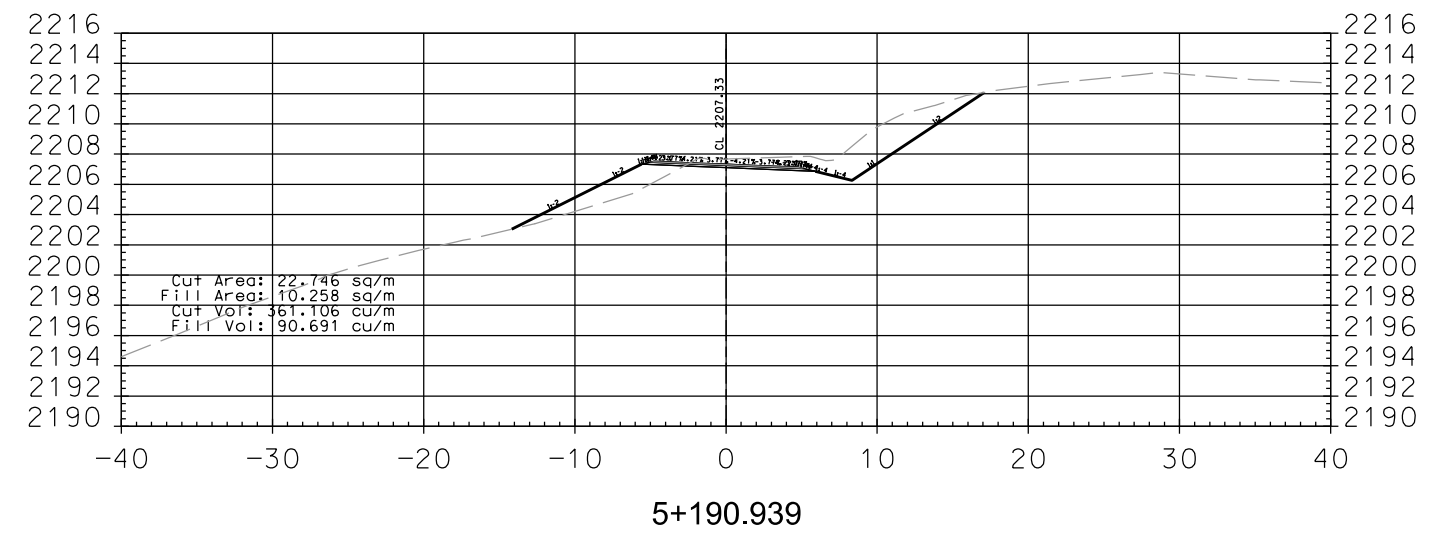
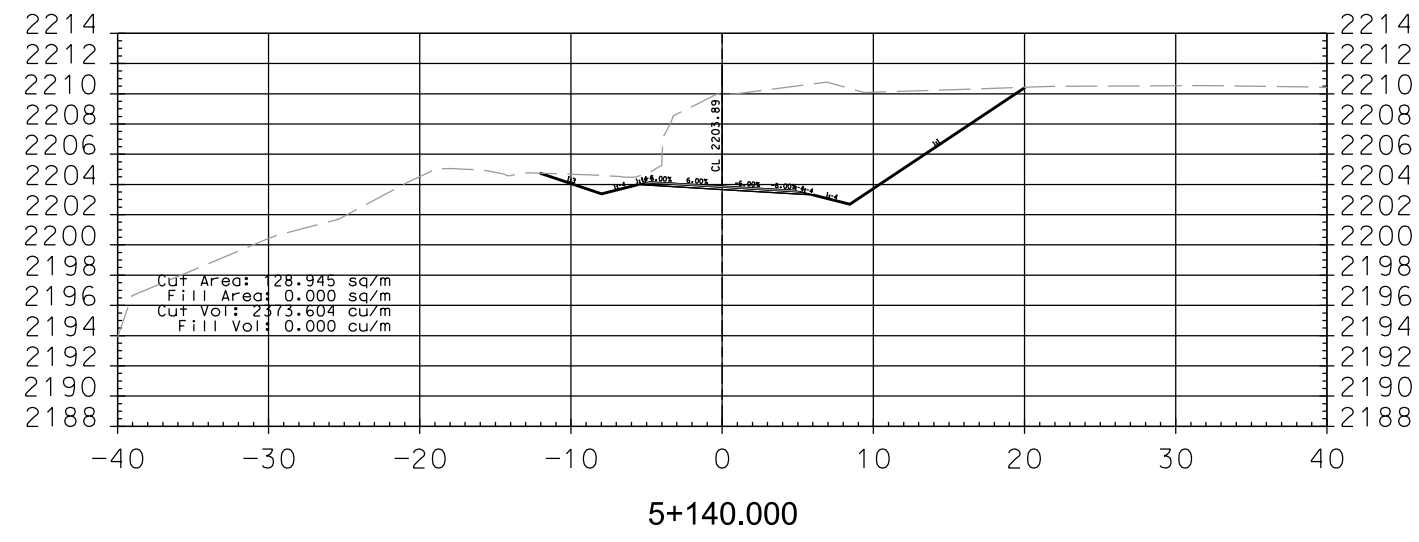
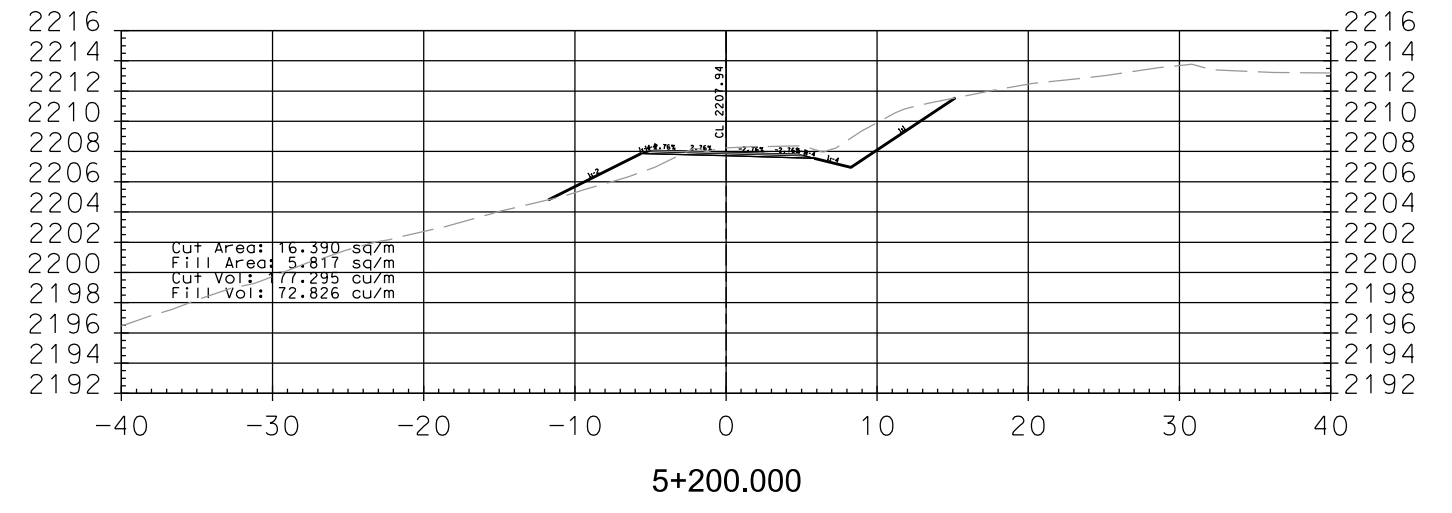
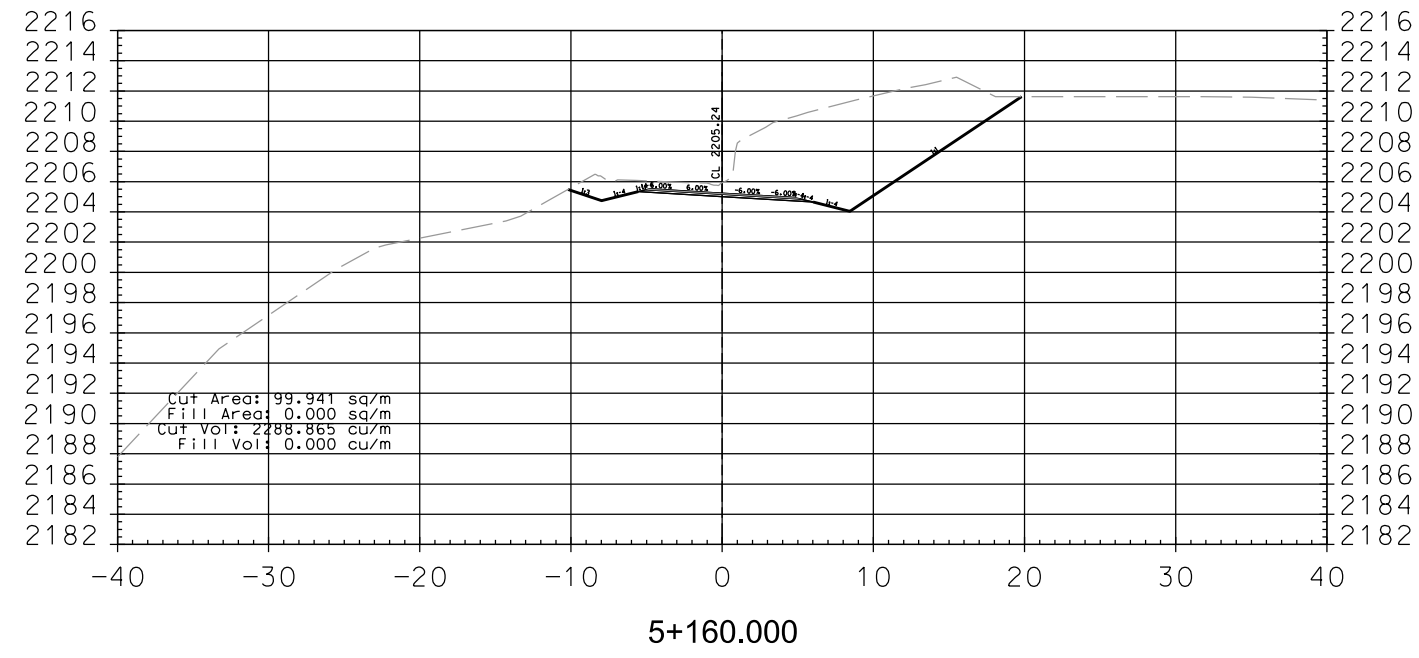


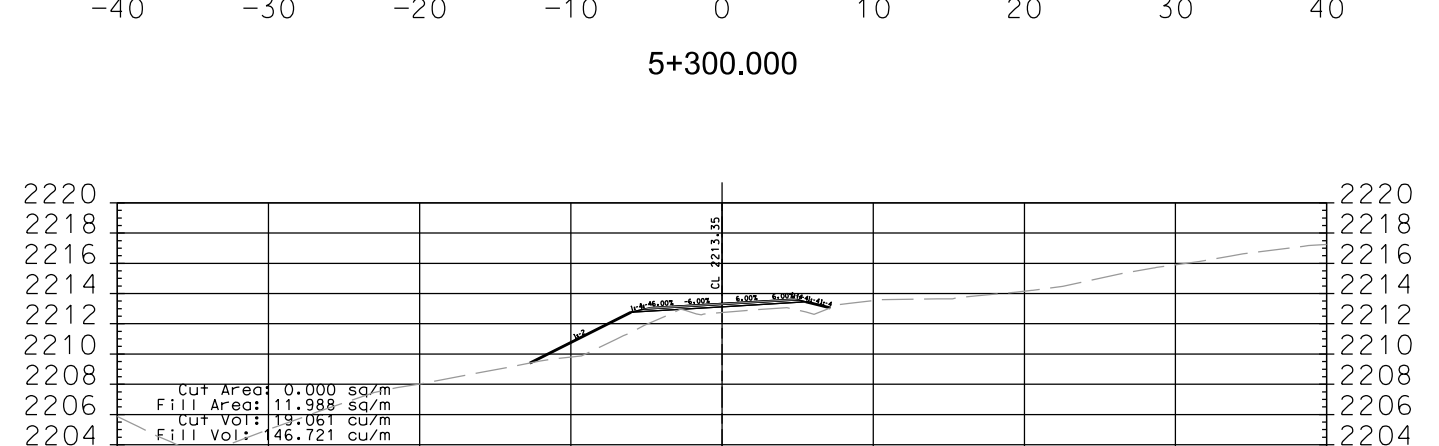
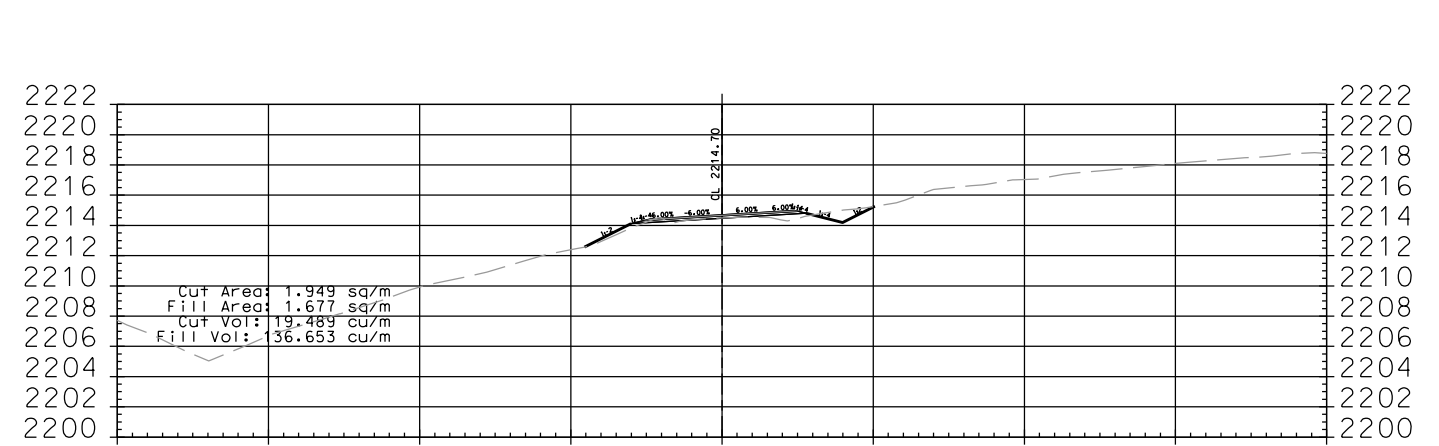
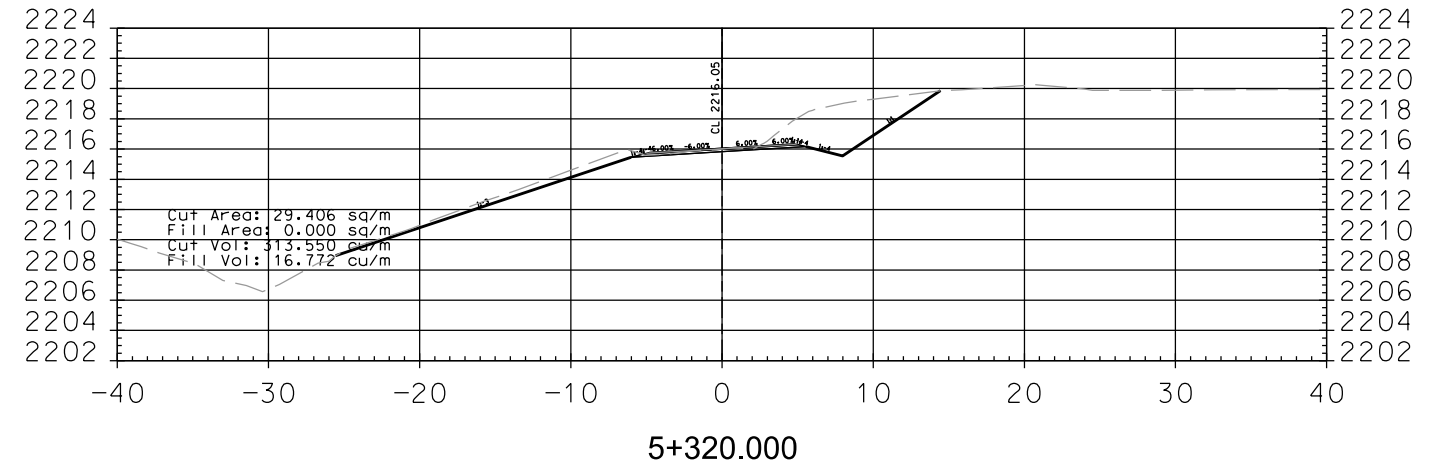
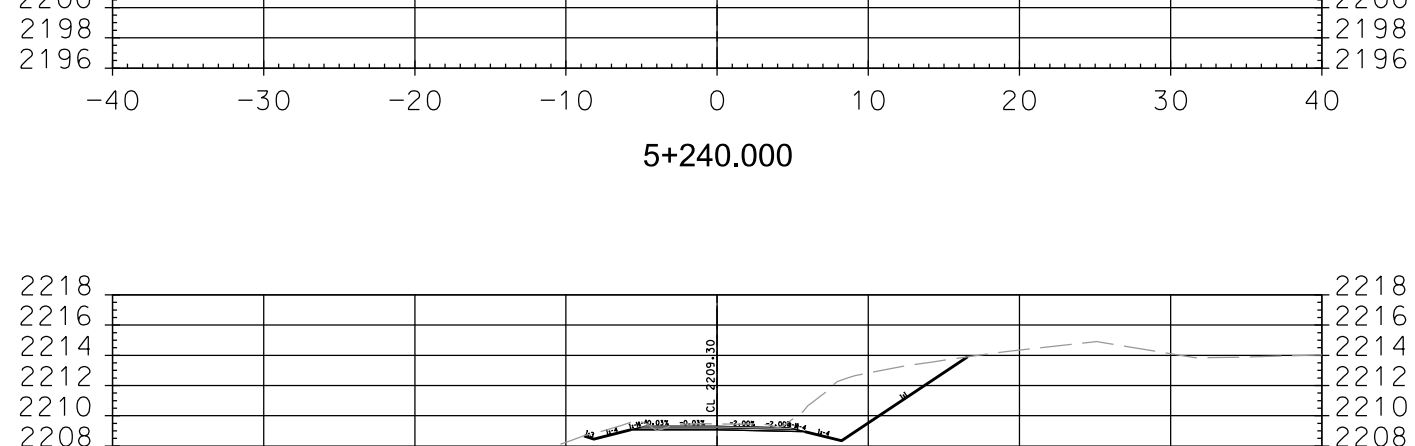
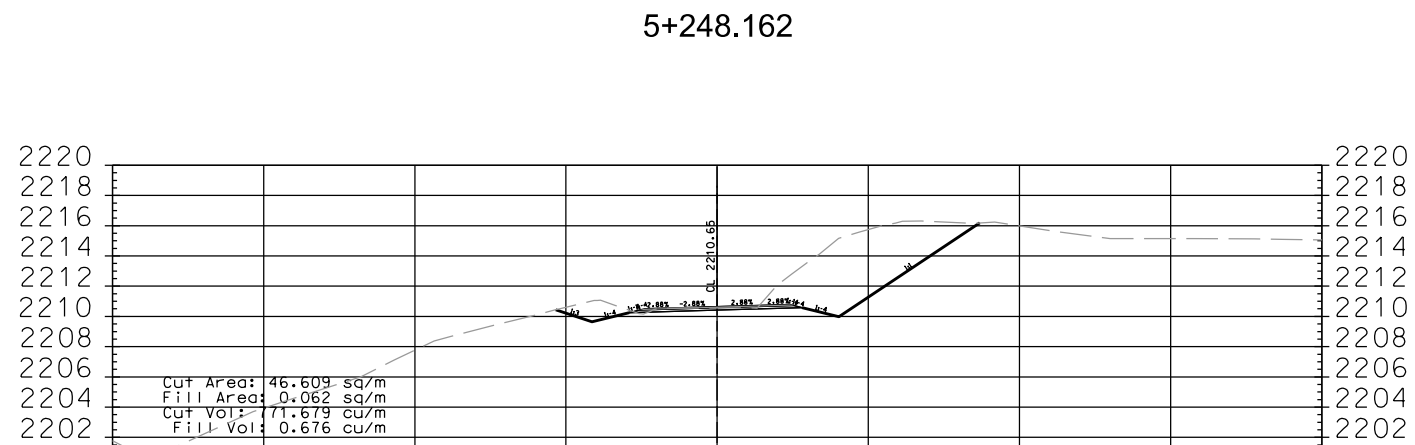
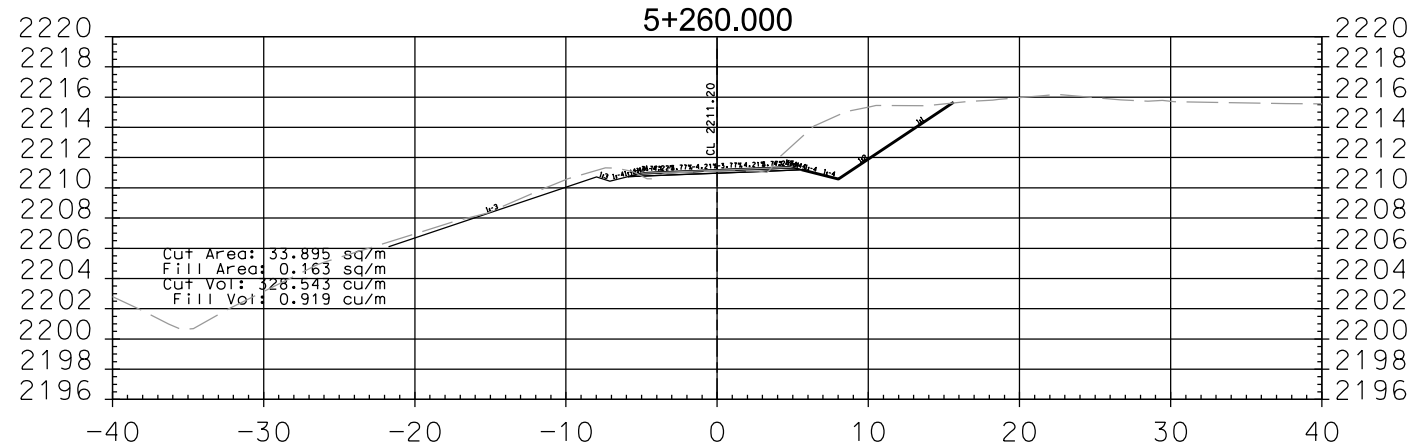
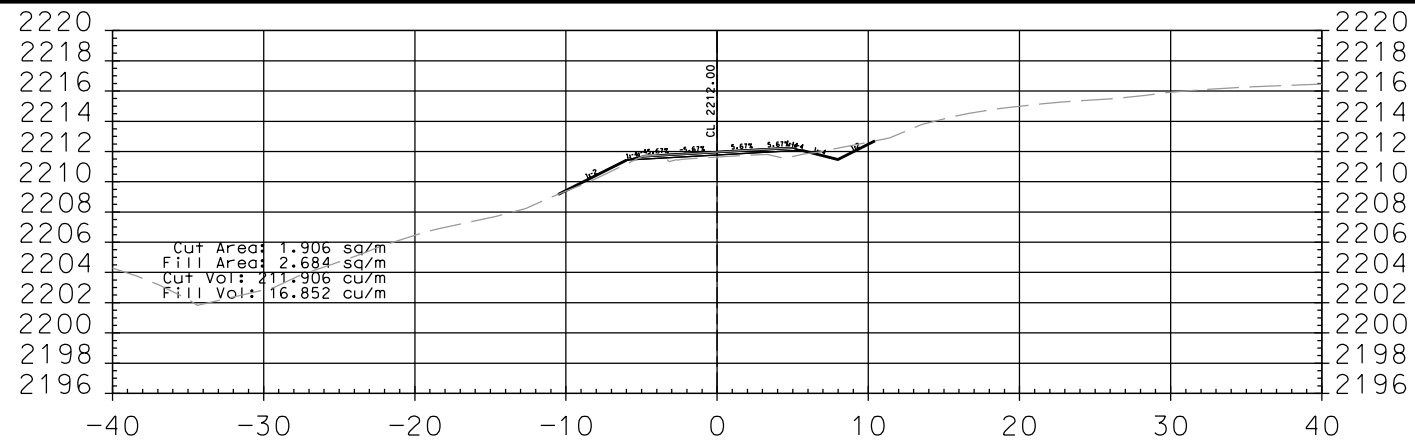
4+960.000

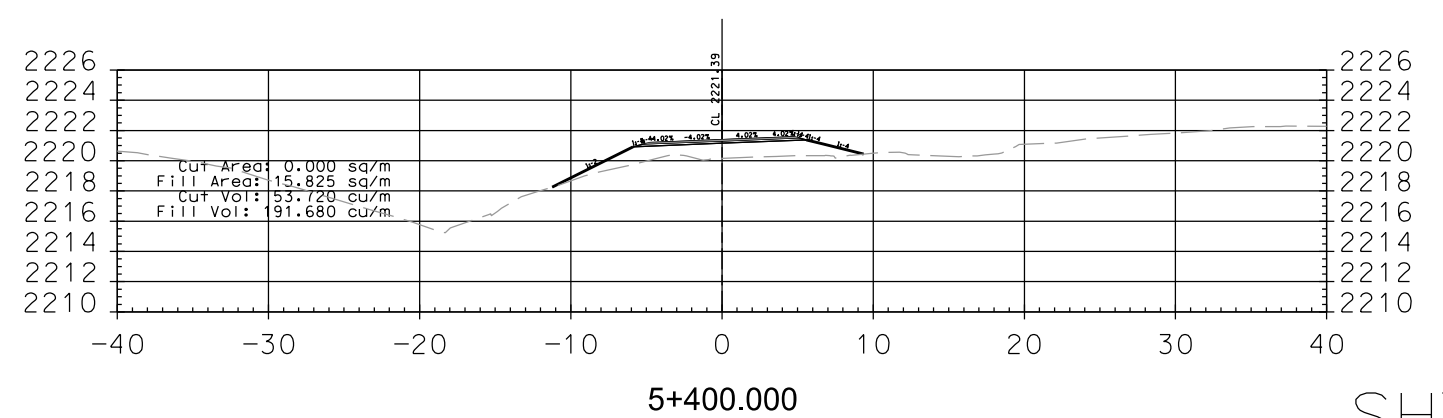
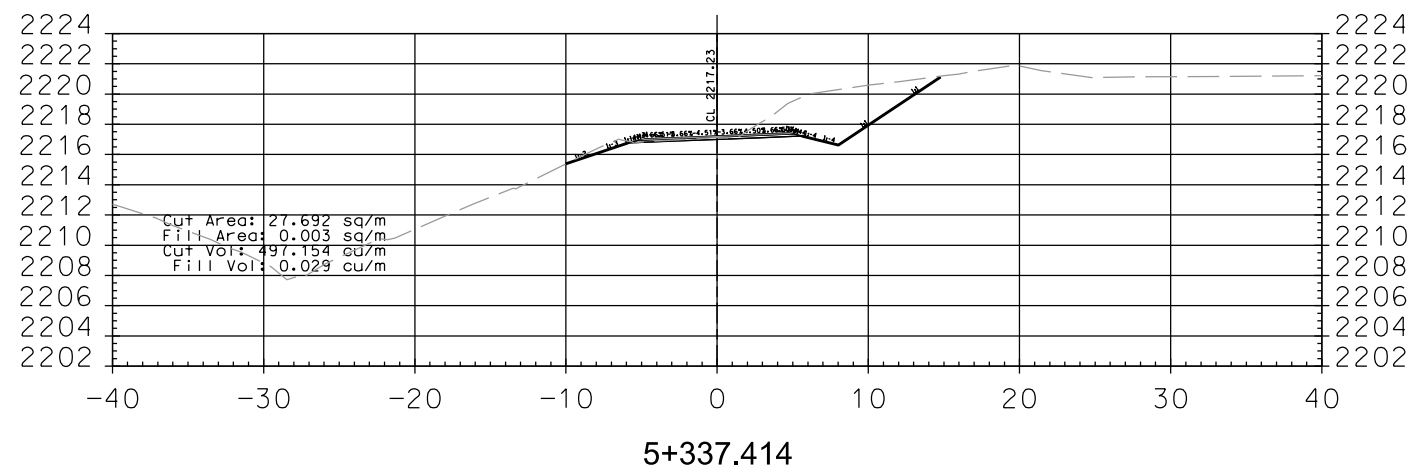
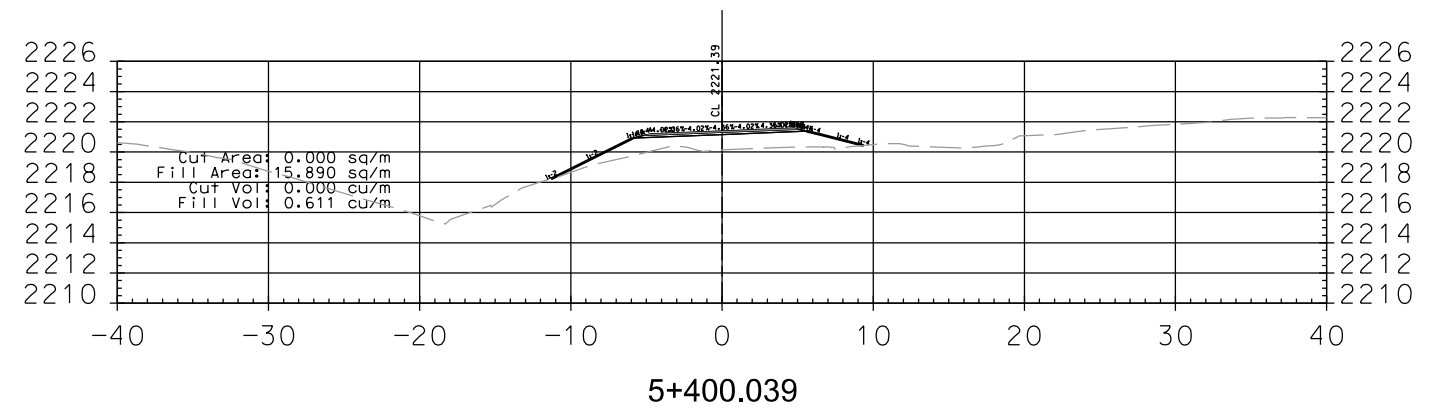
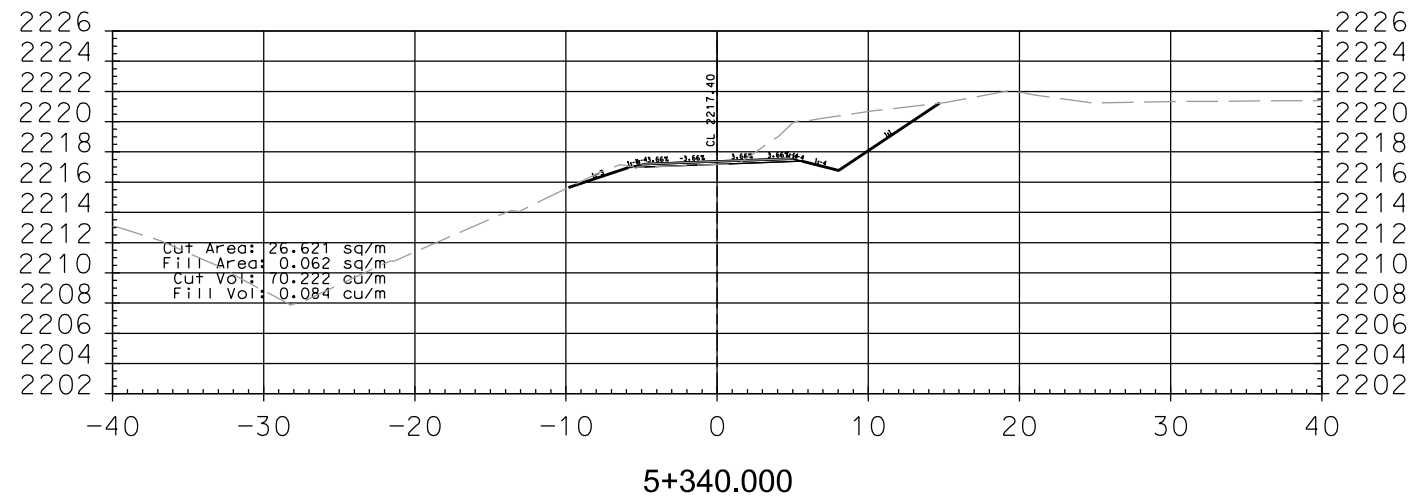
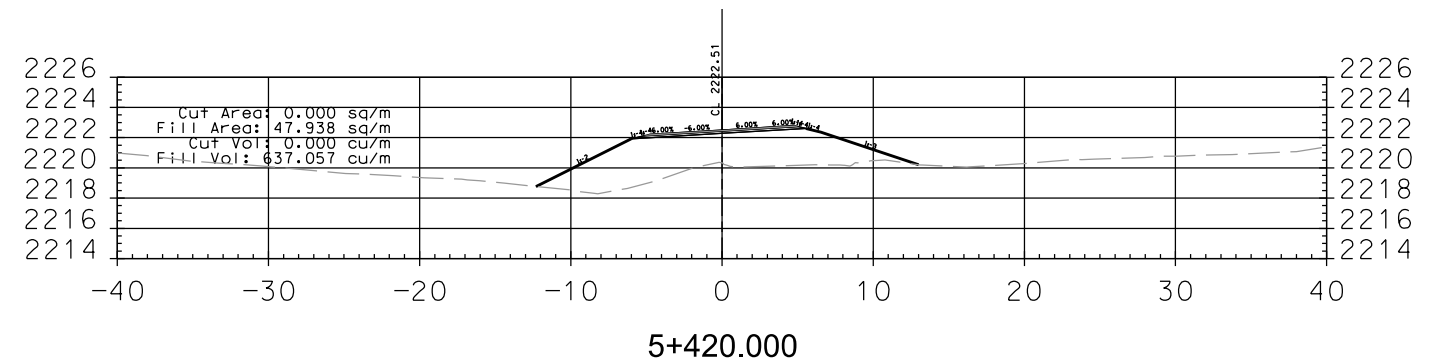
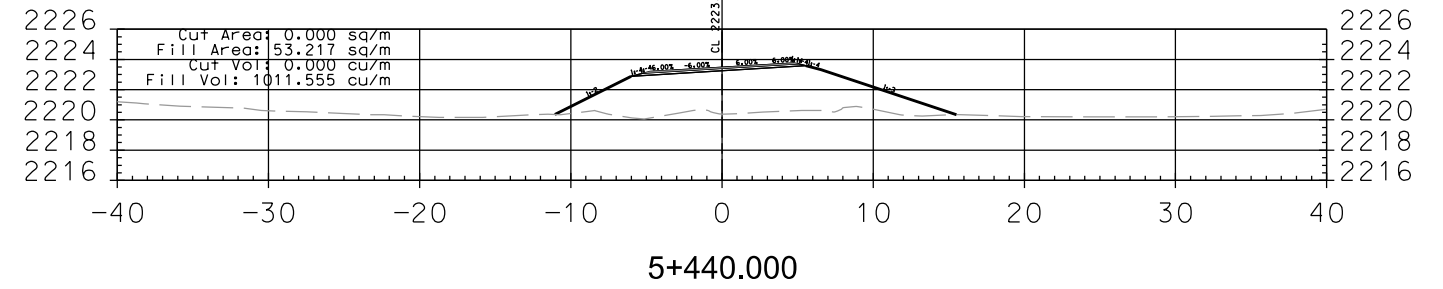
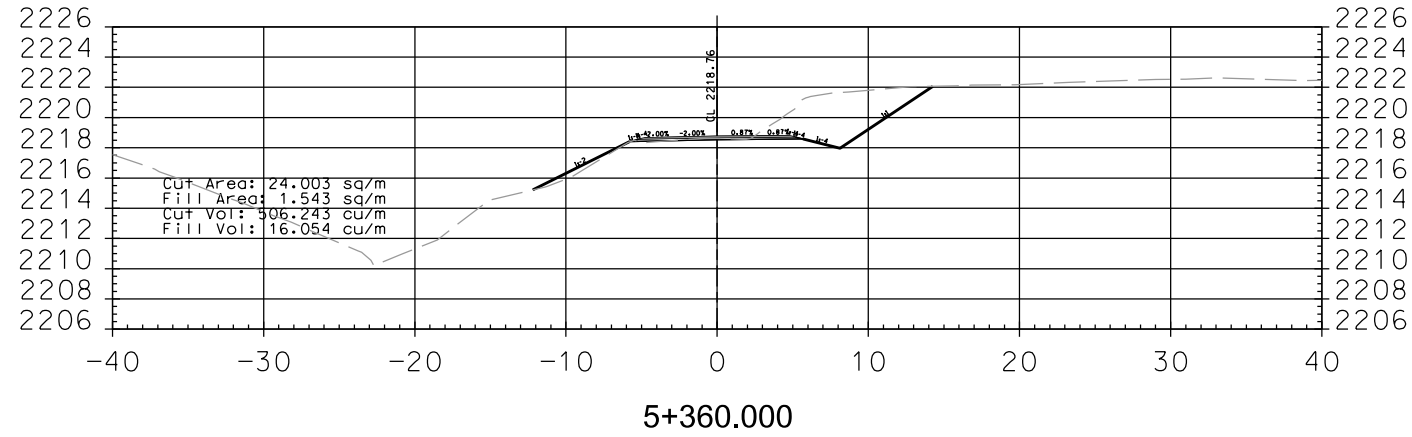
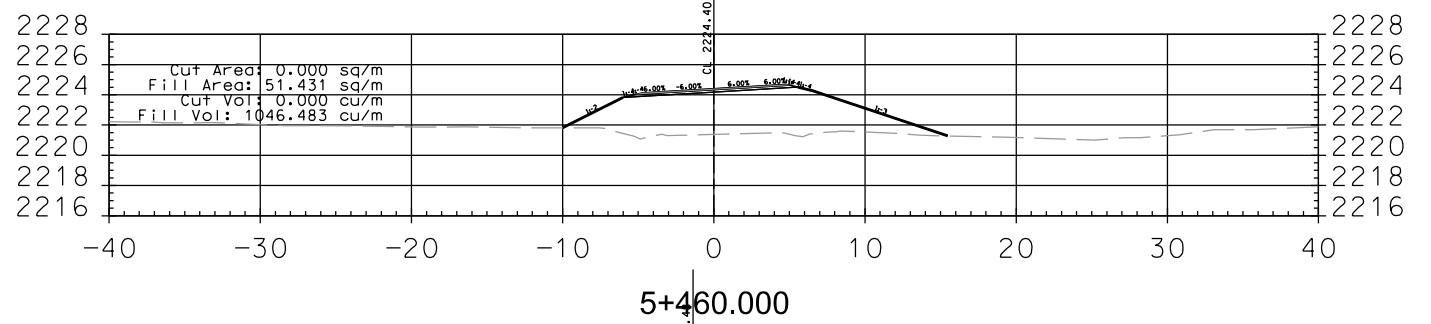
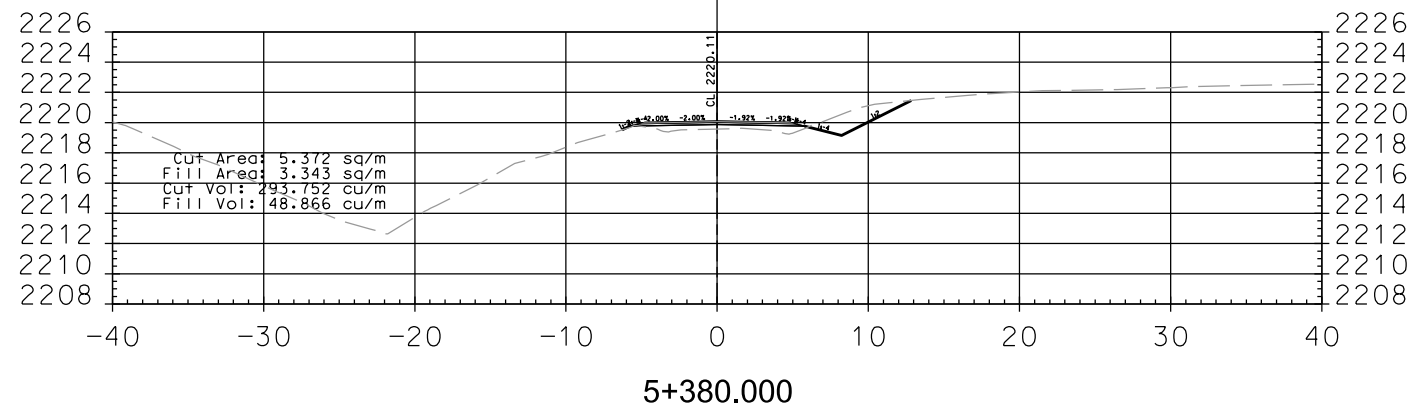


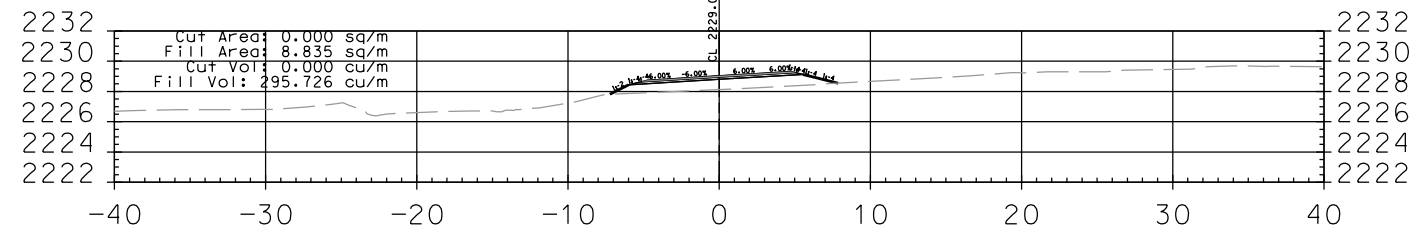
4+940.000



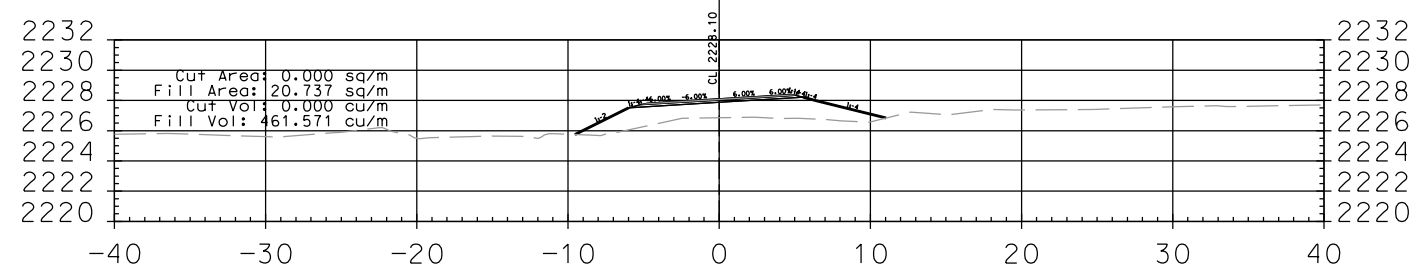




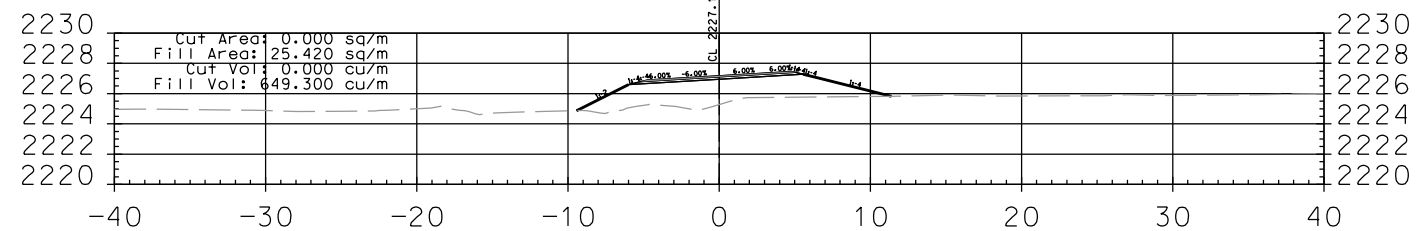




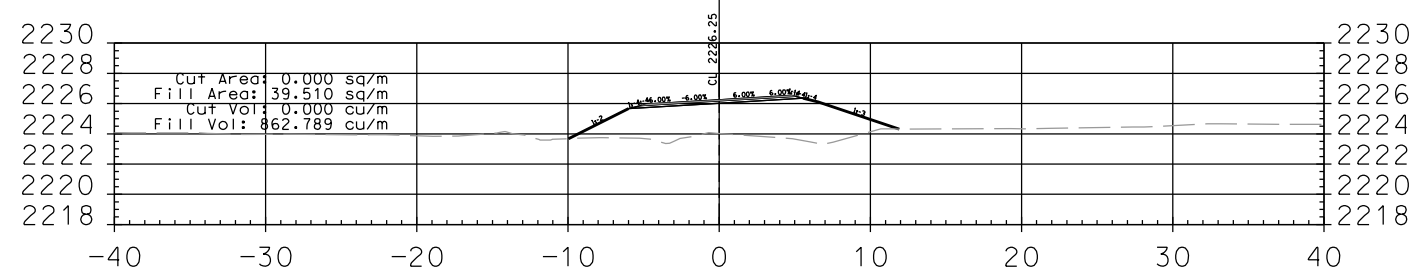
5+560.00



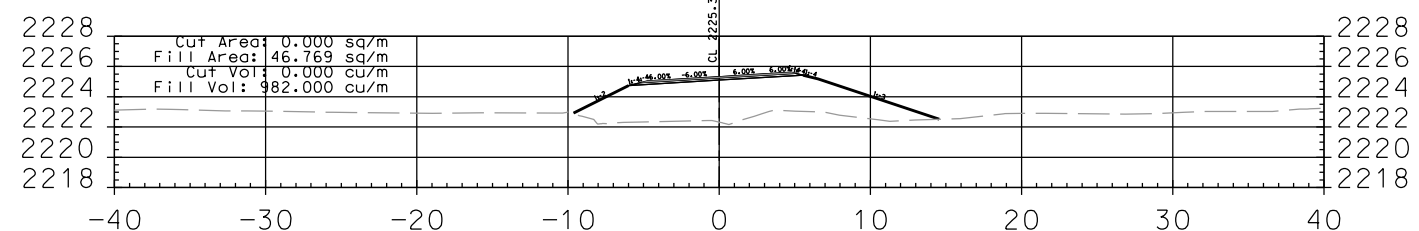
5+540.00



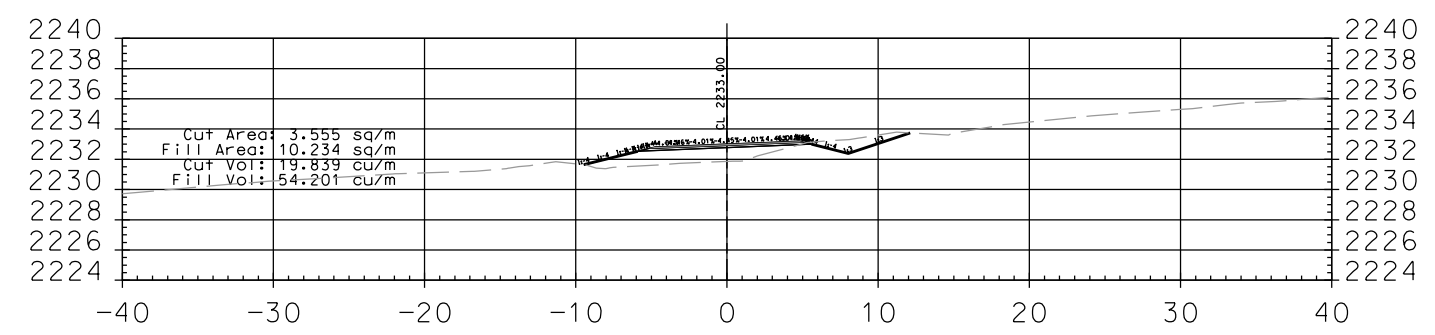
5+520.00



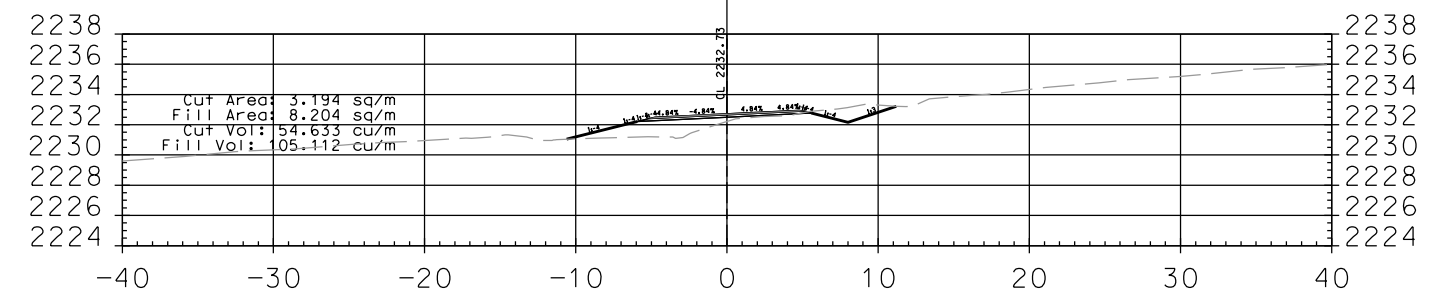
5+500.00



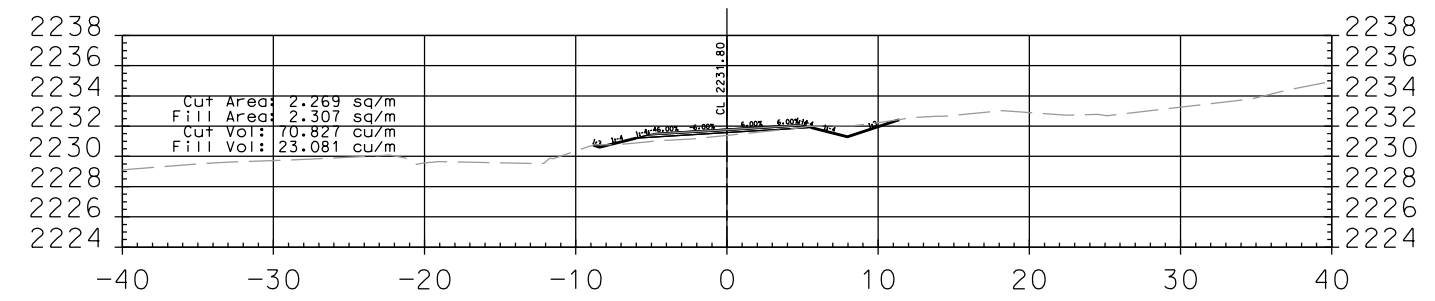
5+480.00



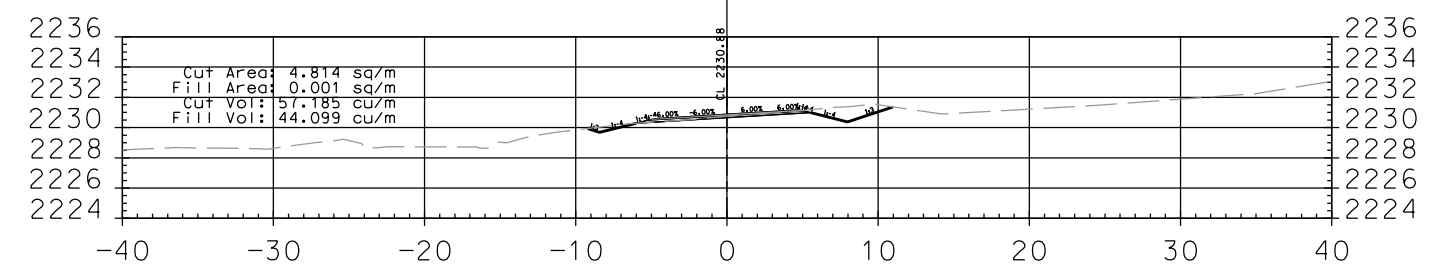
5+645.879



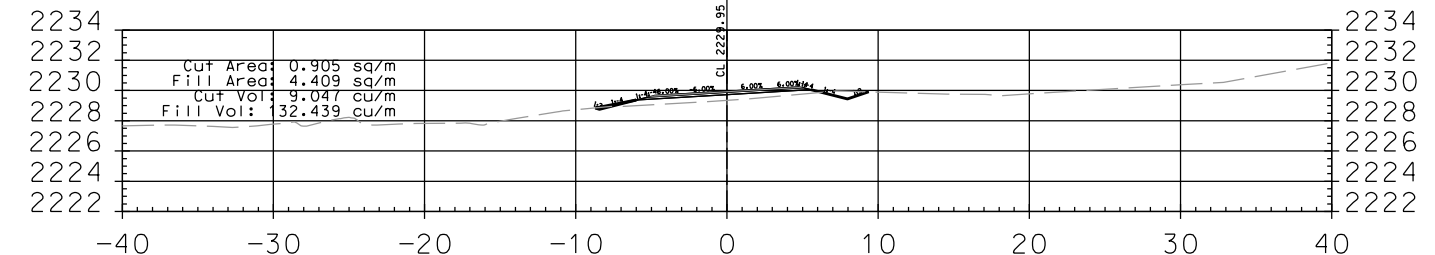
5+640.00



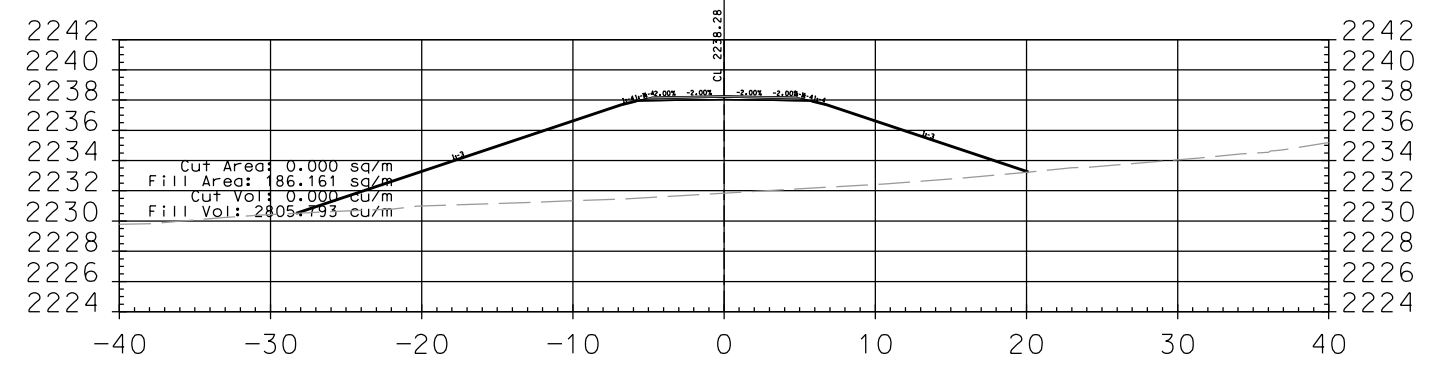
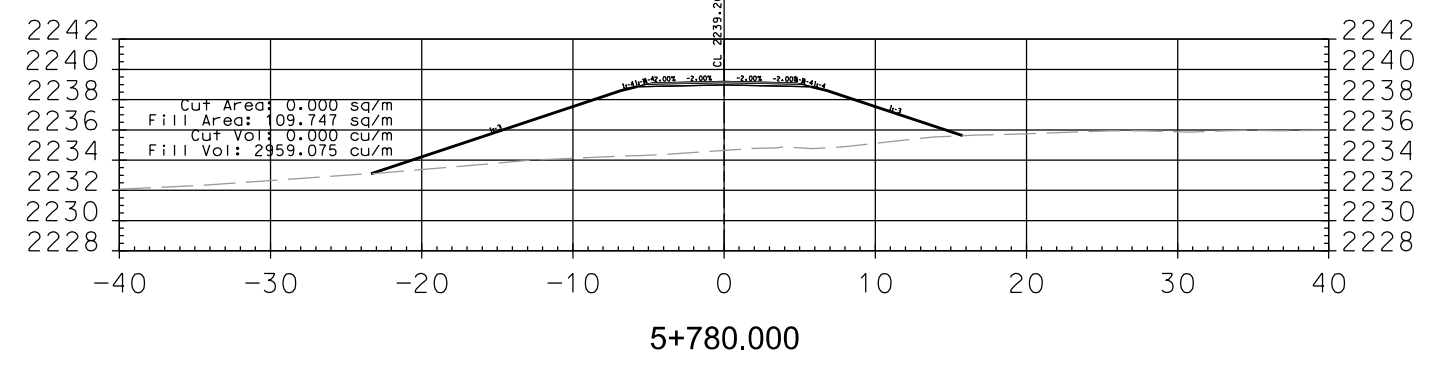
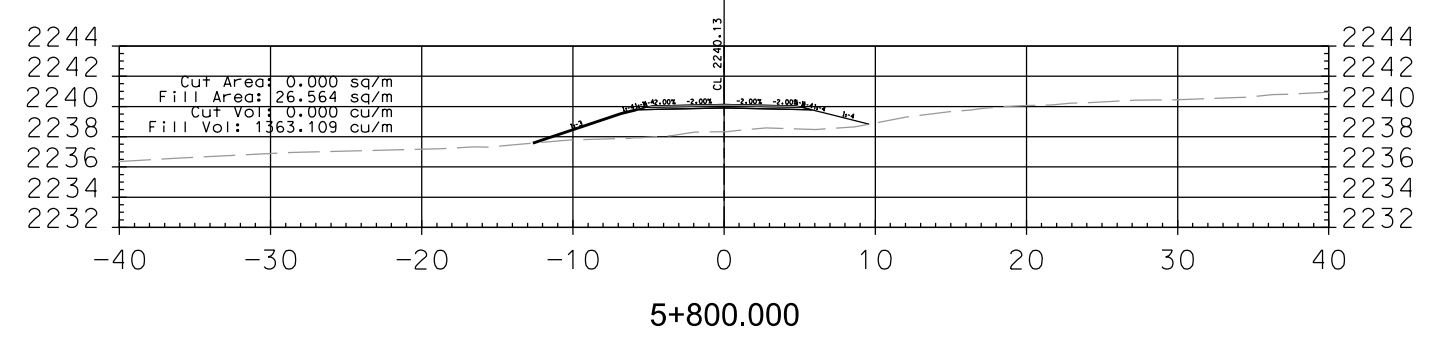
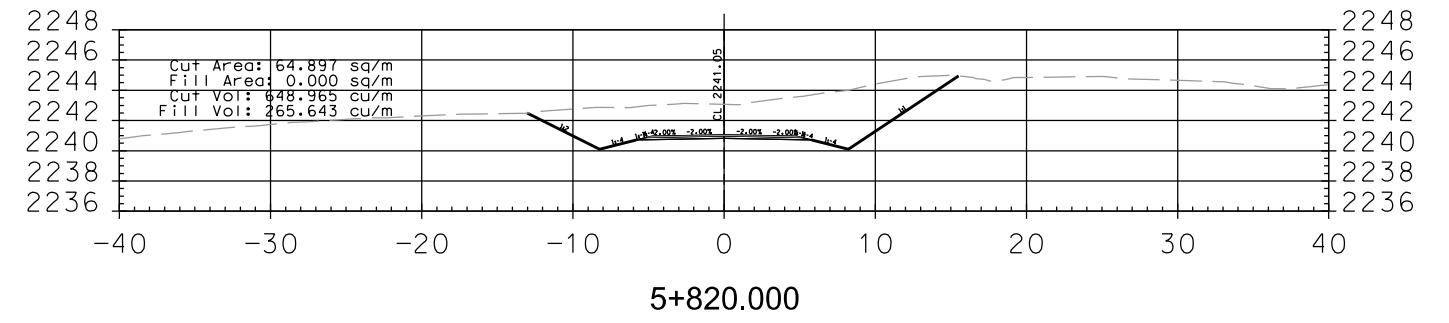
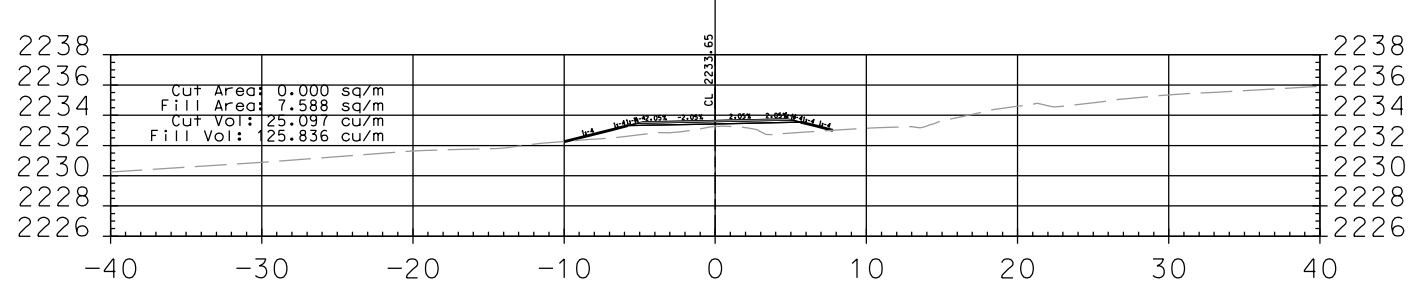
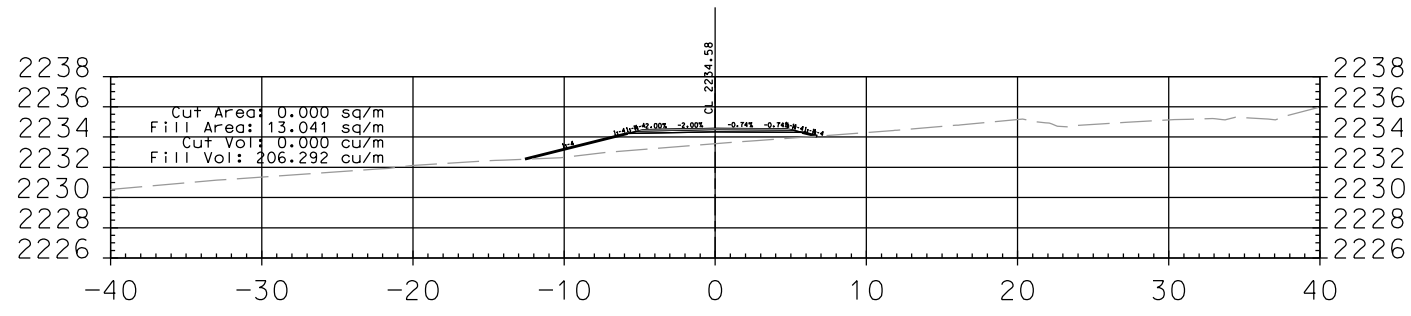
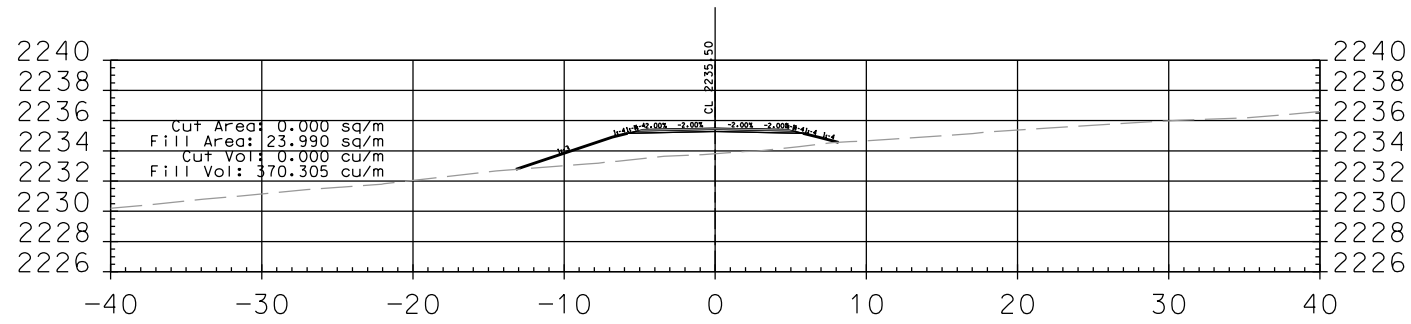
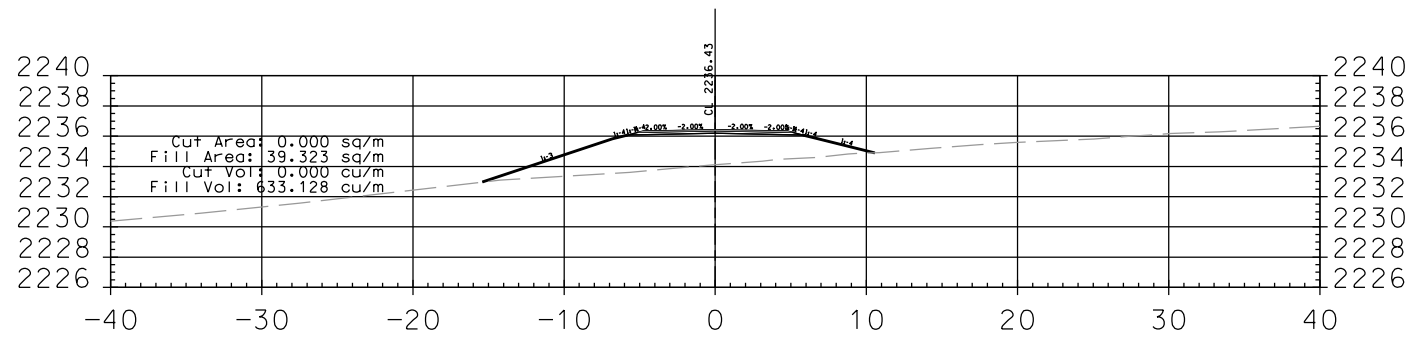
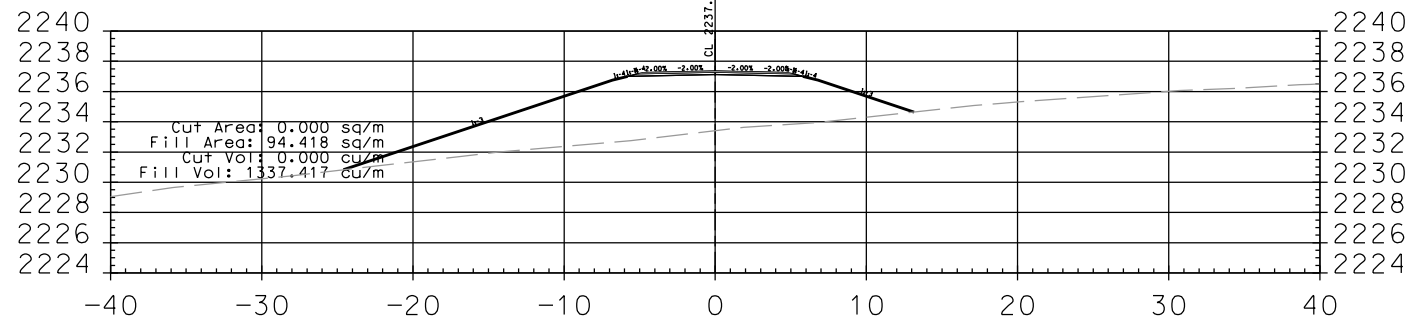
5+620.00

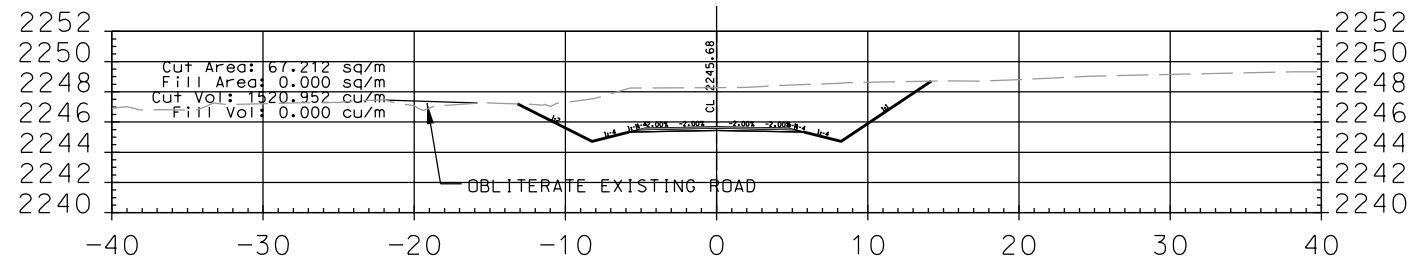


5+600.00

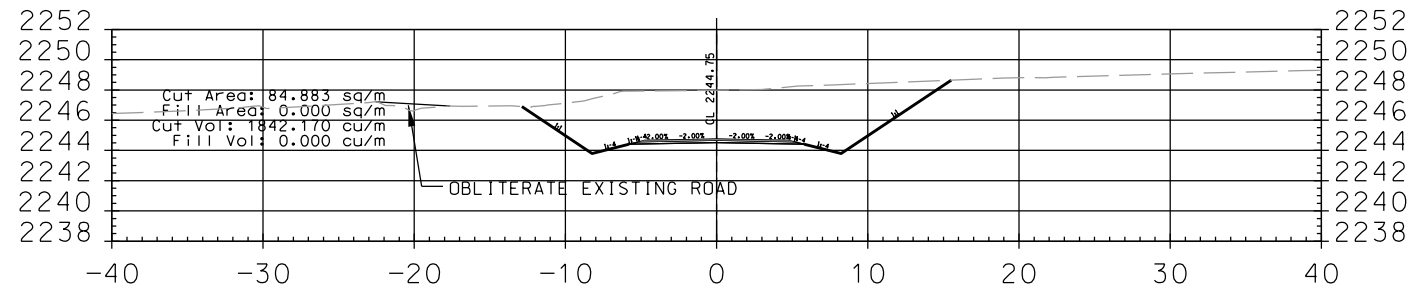


5+580.00

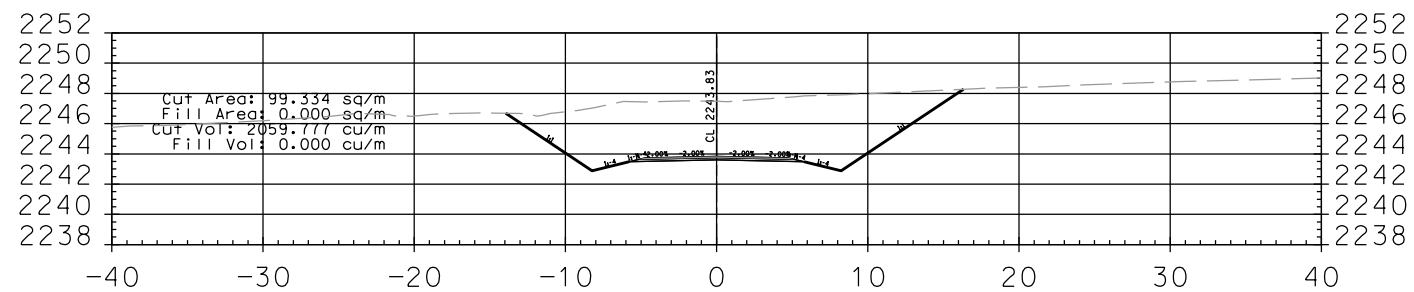




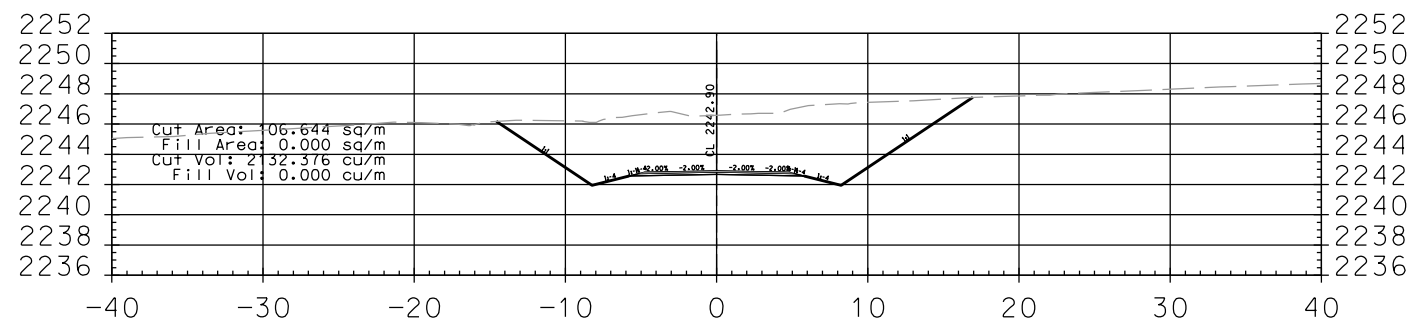
5+920.00



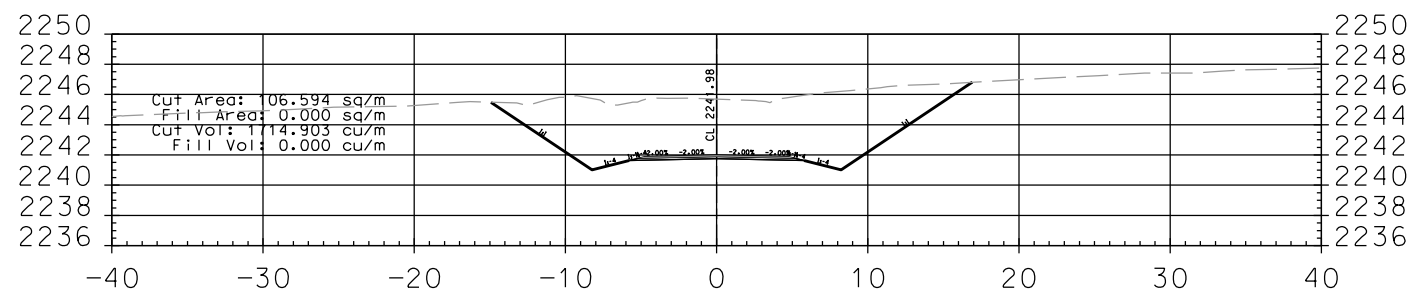
5+900.00



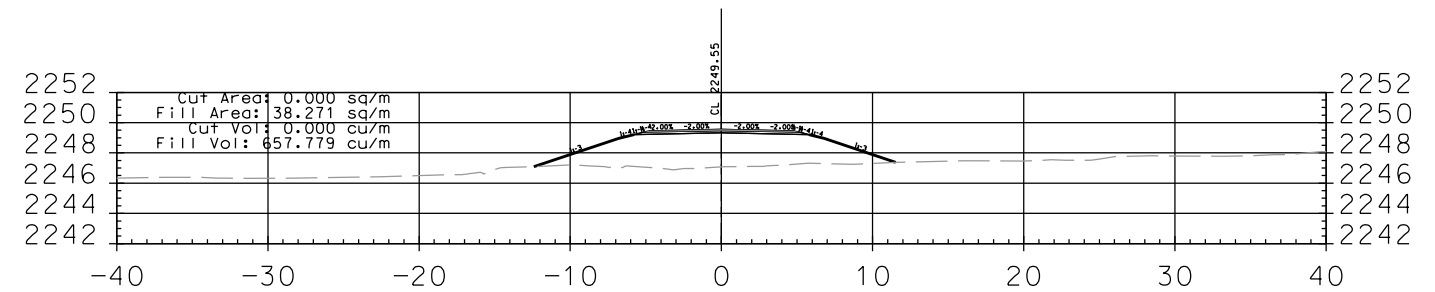
5+880.00



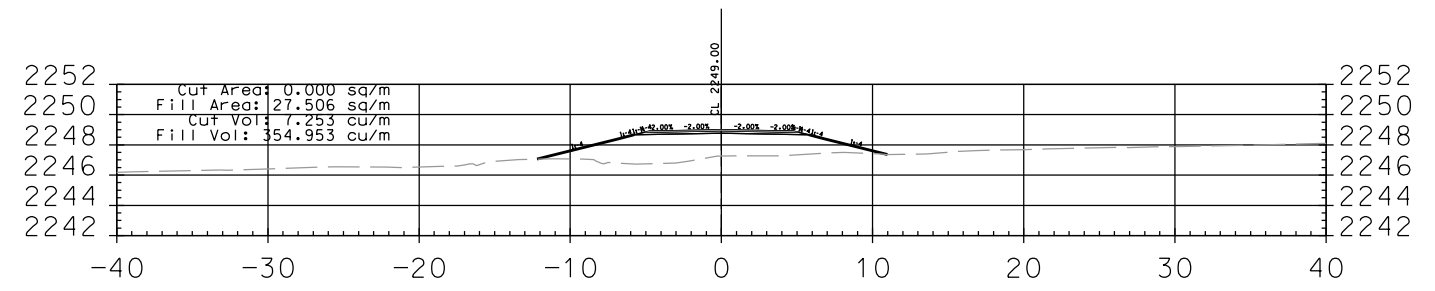
5+860.00



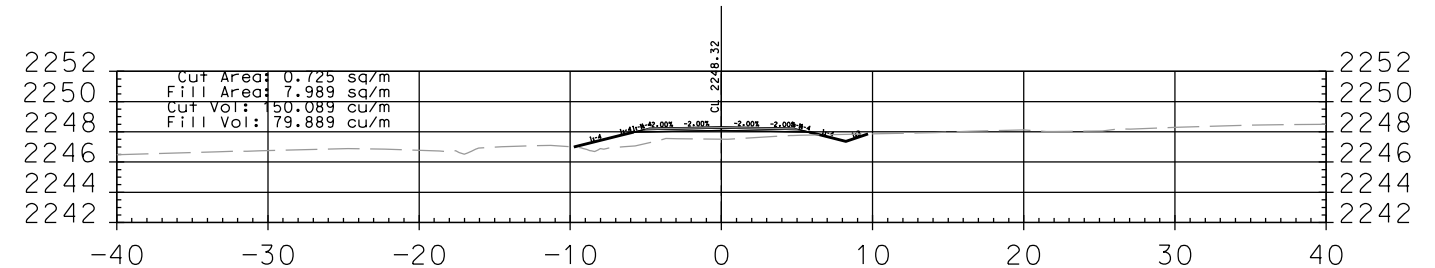
5+840.00



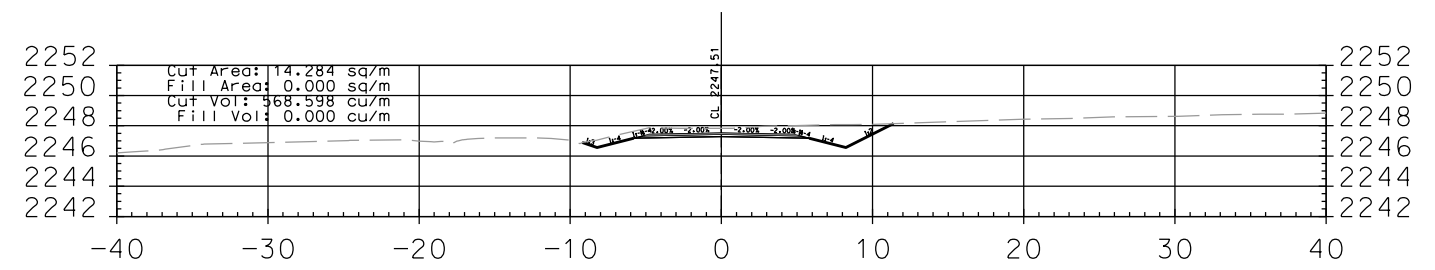
6+020.00



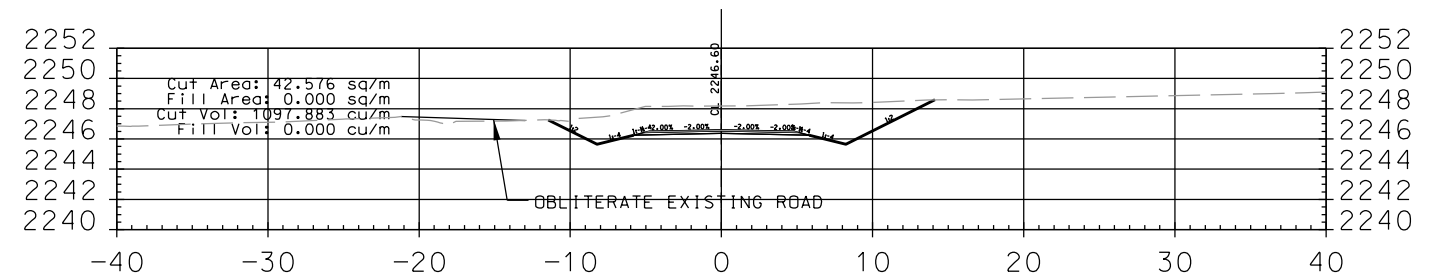
6+000.00



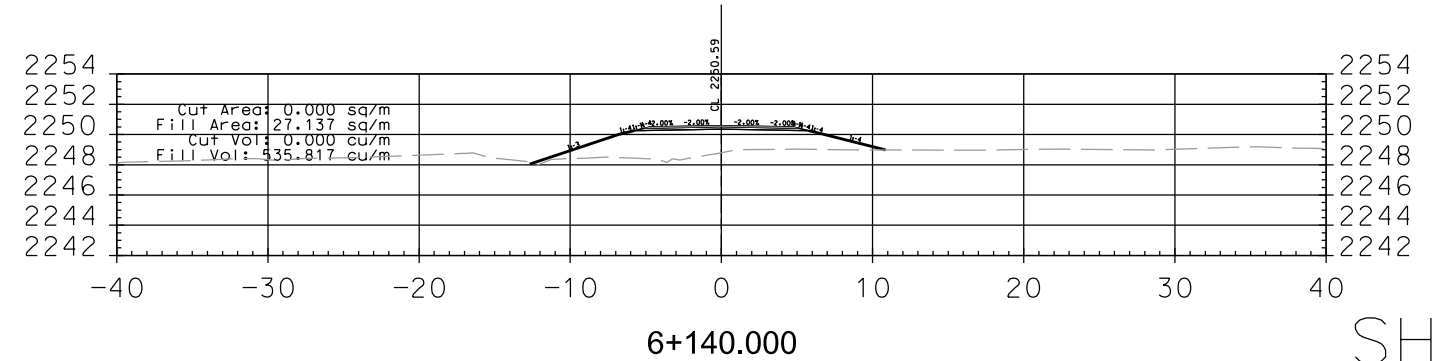
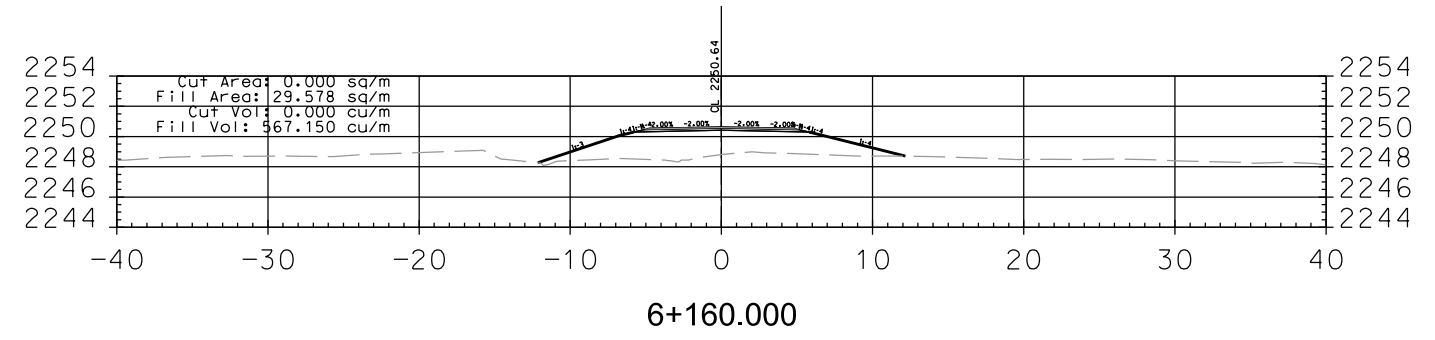
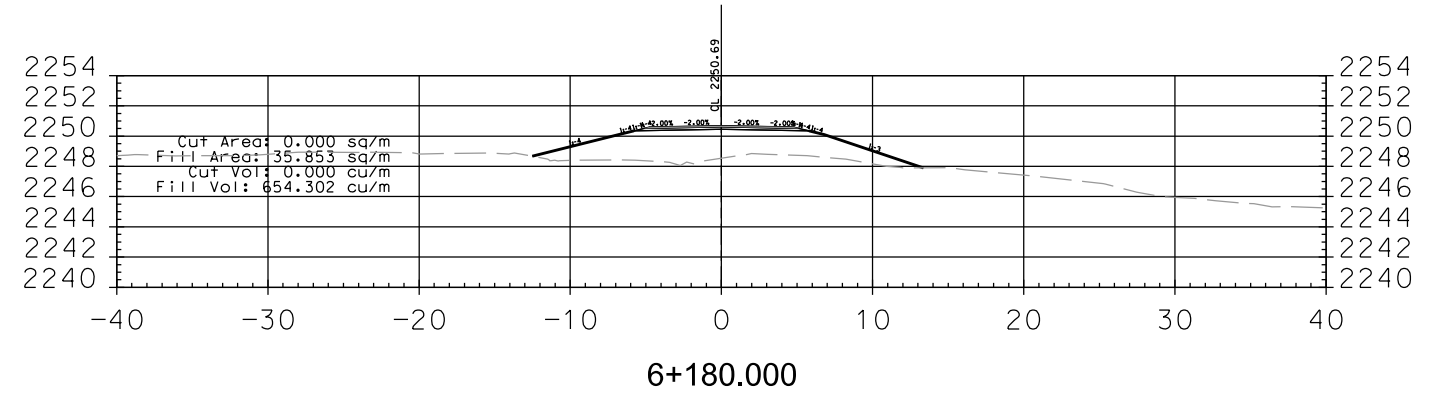
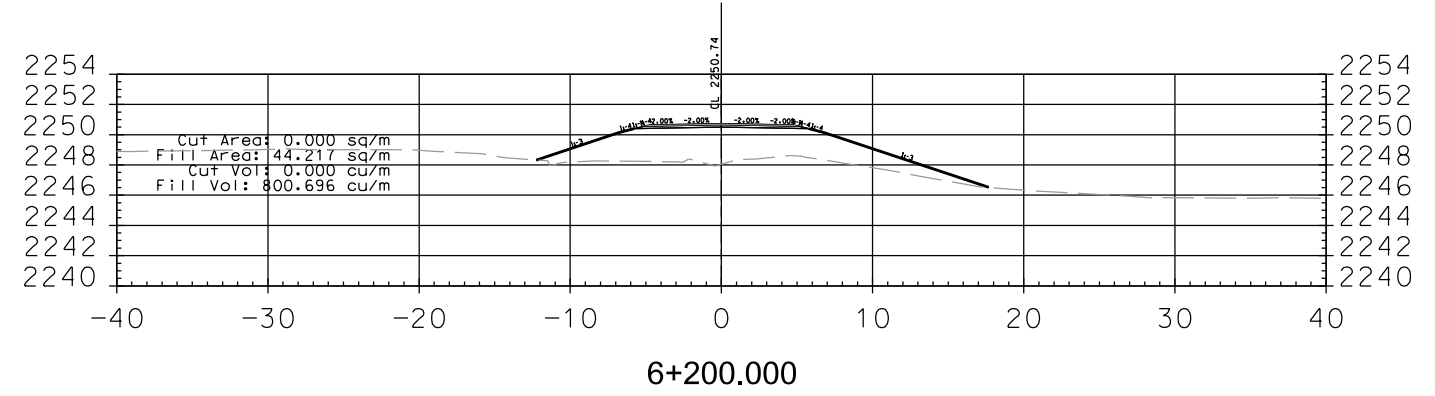
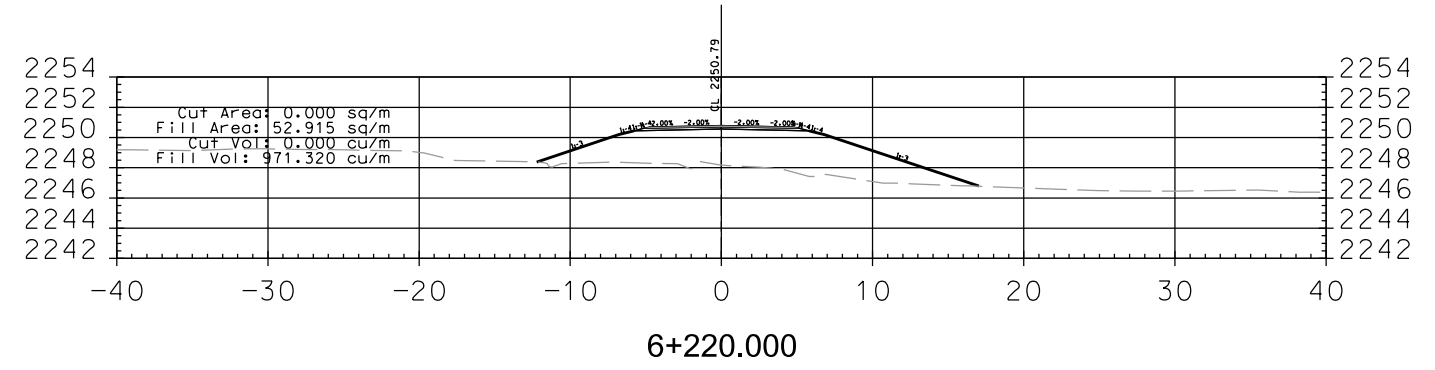
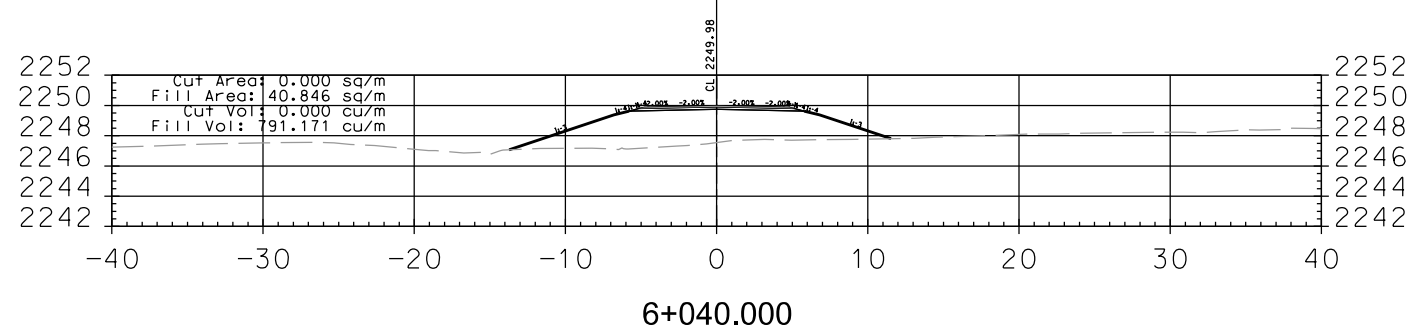
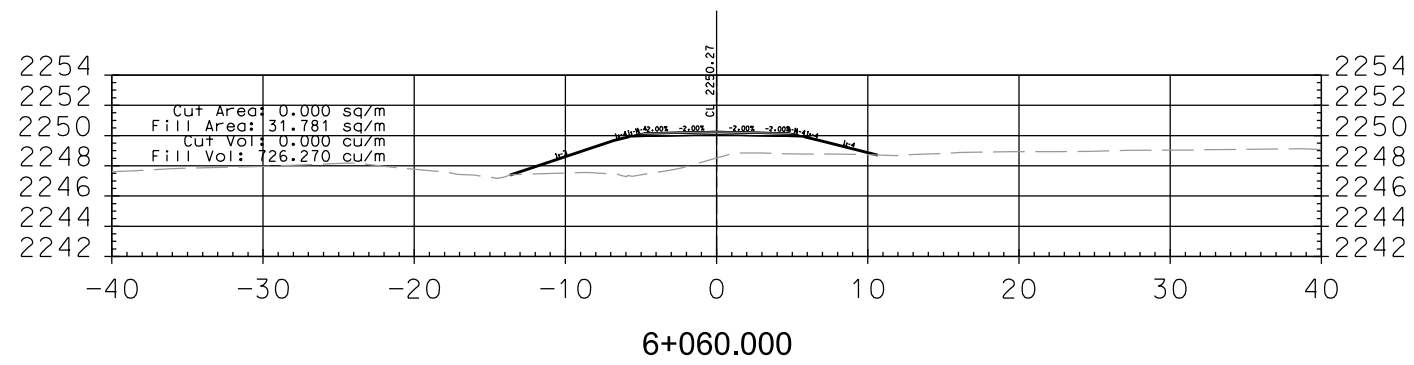
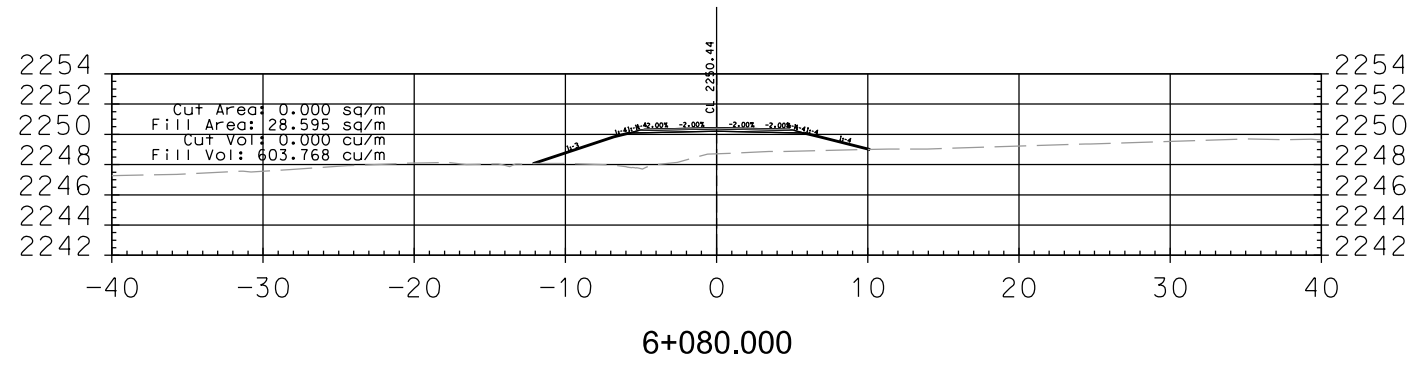
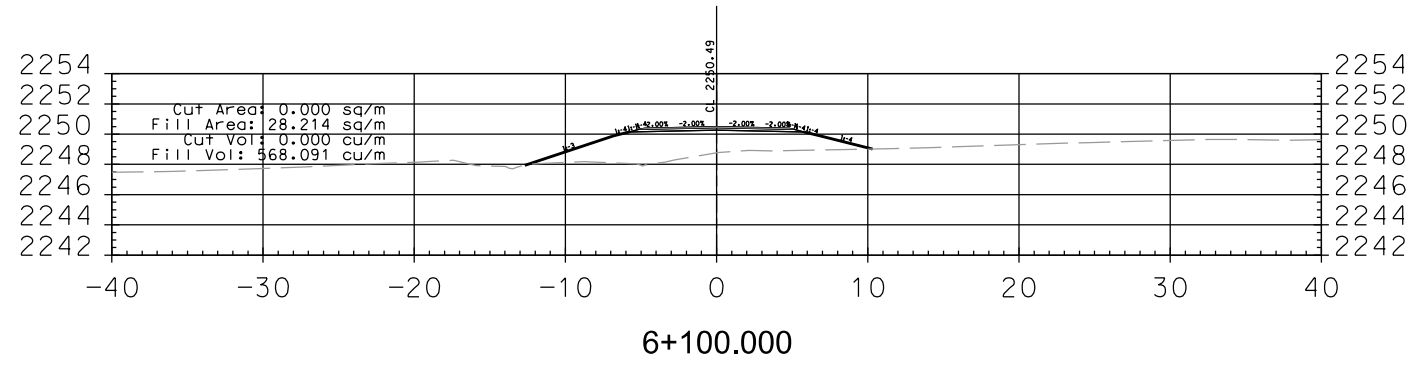
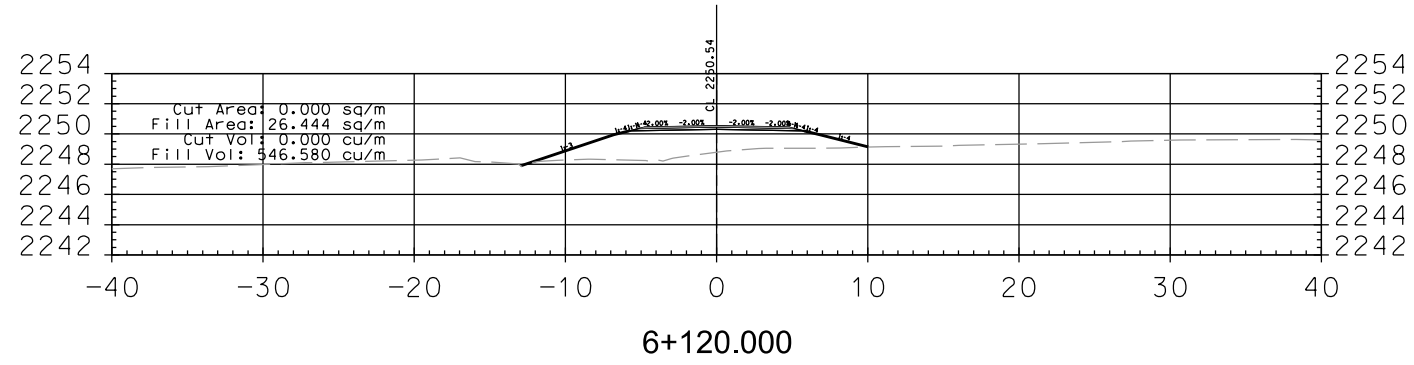
5+980.00

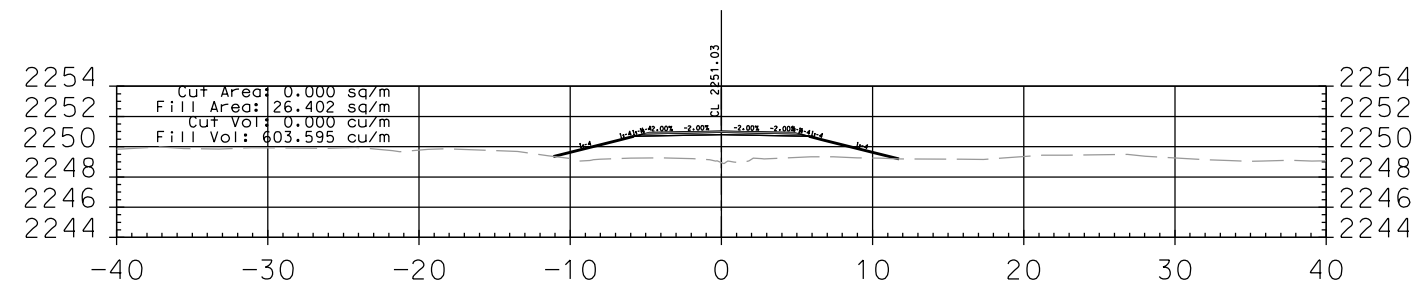


5+960.00

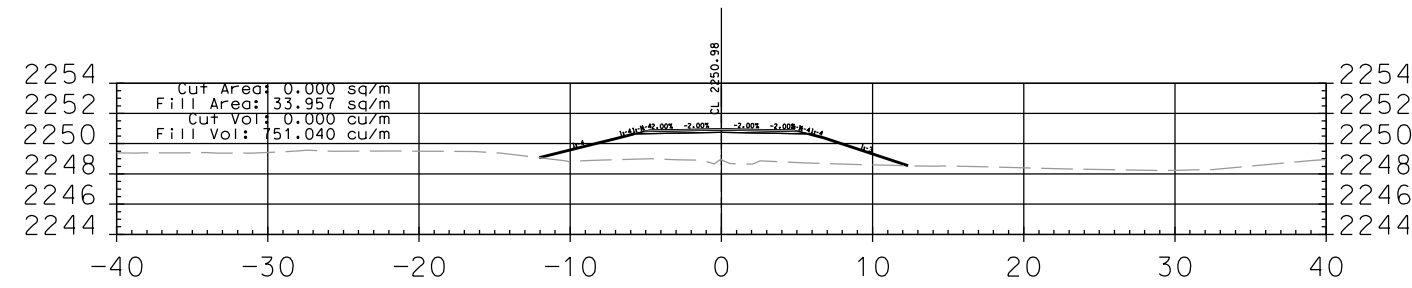


5+940.00

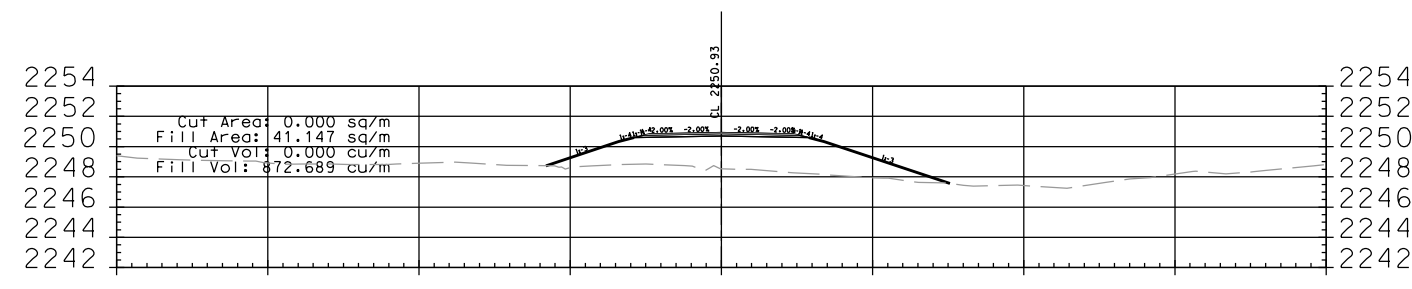




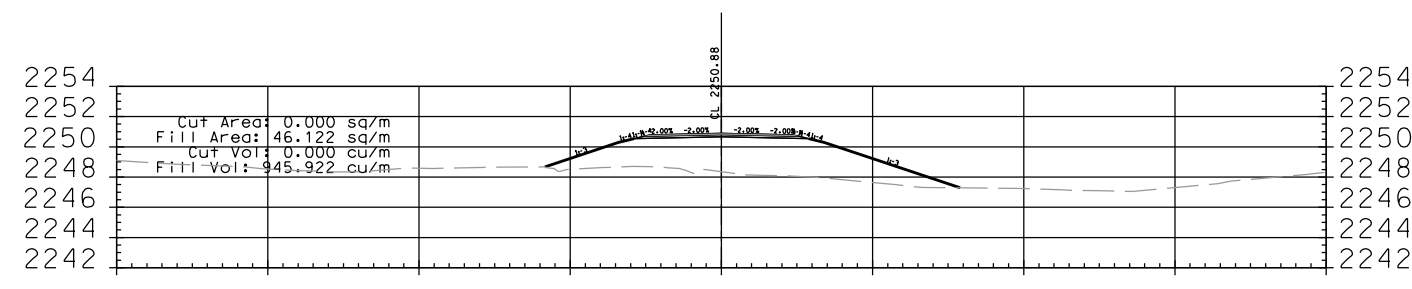
6+320.000



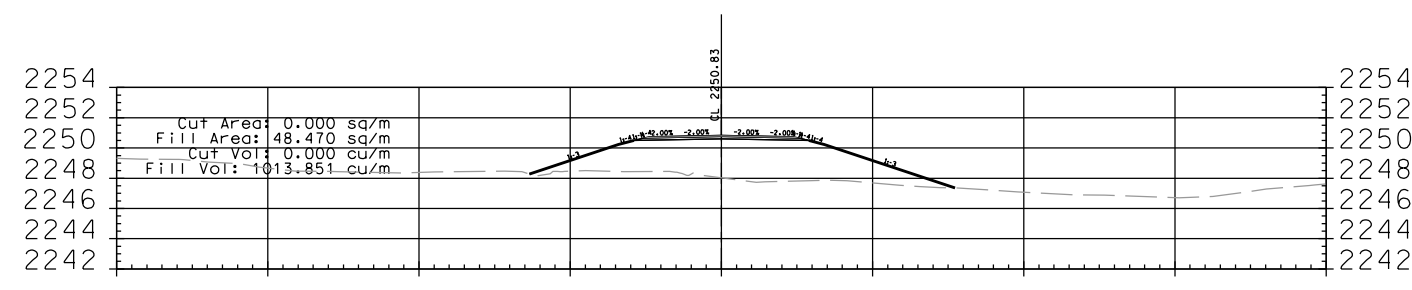
6+300.000



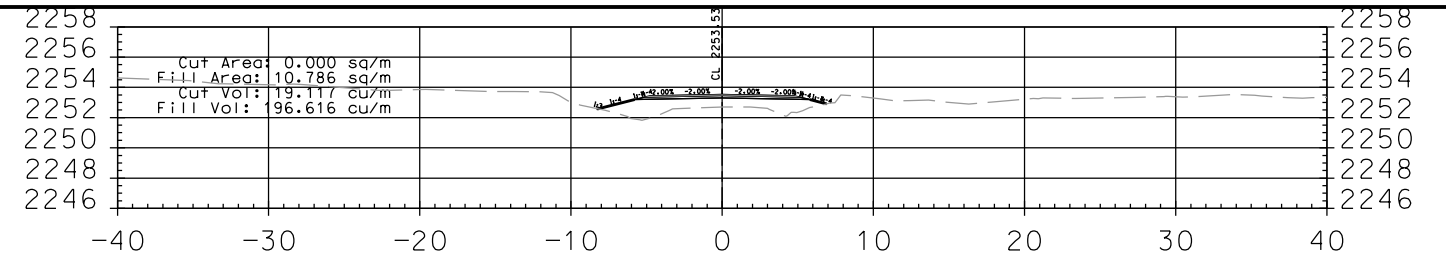
6+280.000



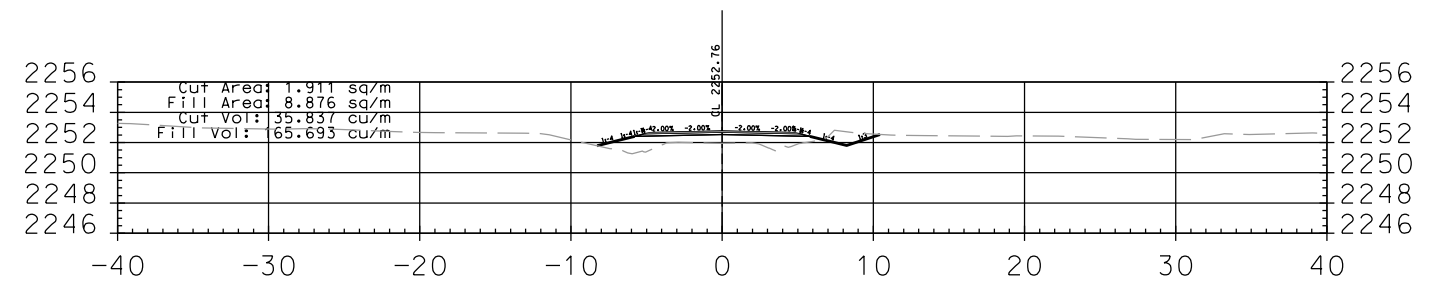
6+260.000



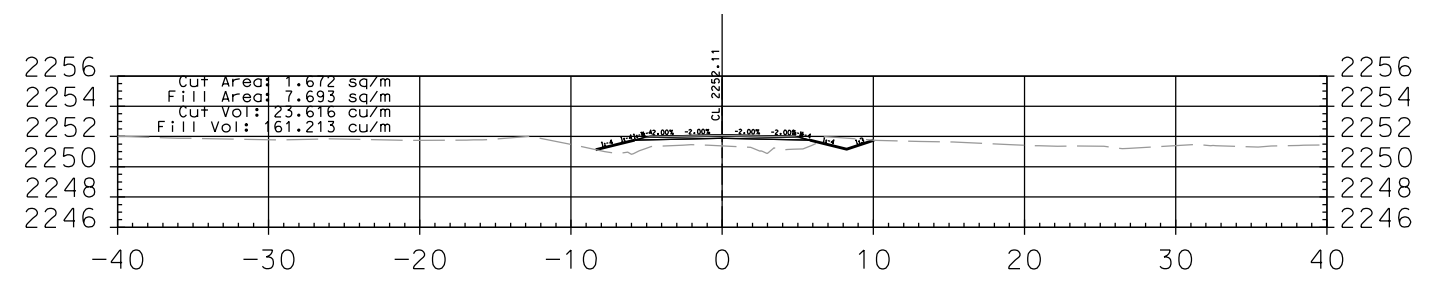
6+240.000



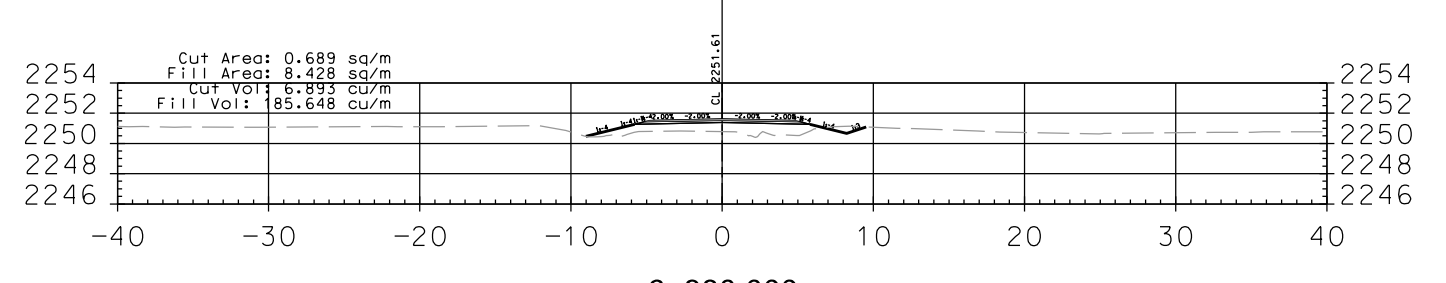
6+440.000



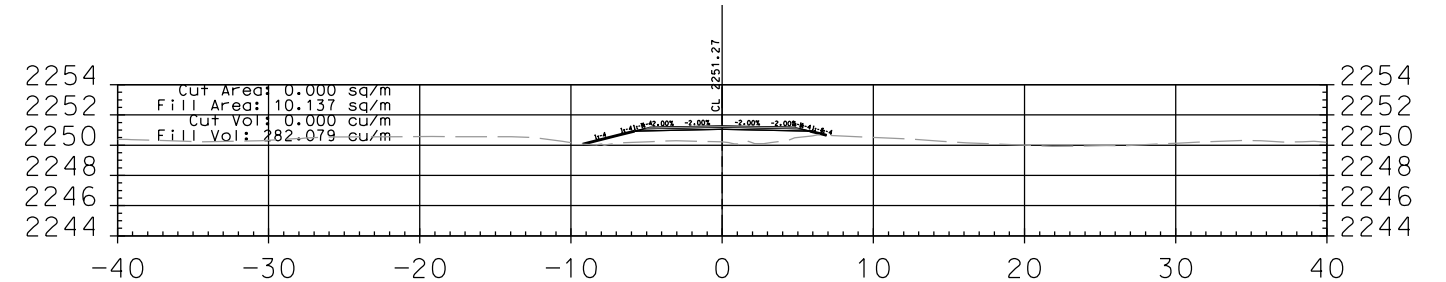
6+420.000



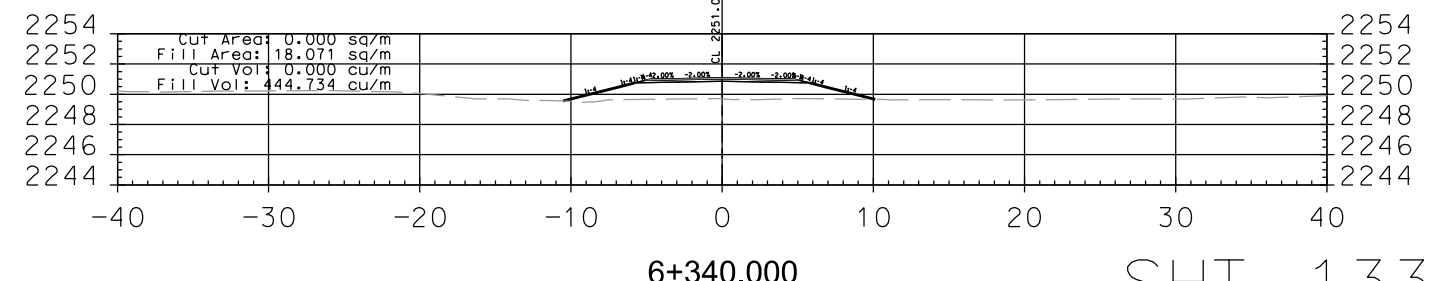
6+400.000



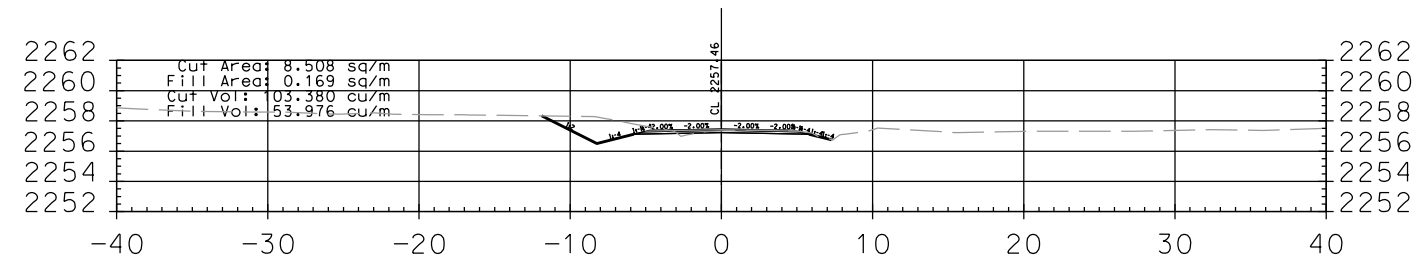
6+380.000



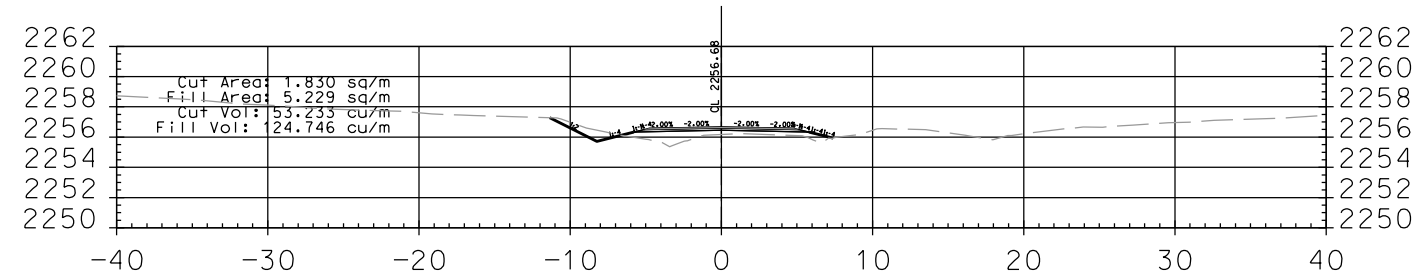
6+360.000



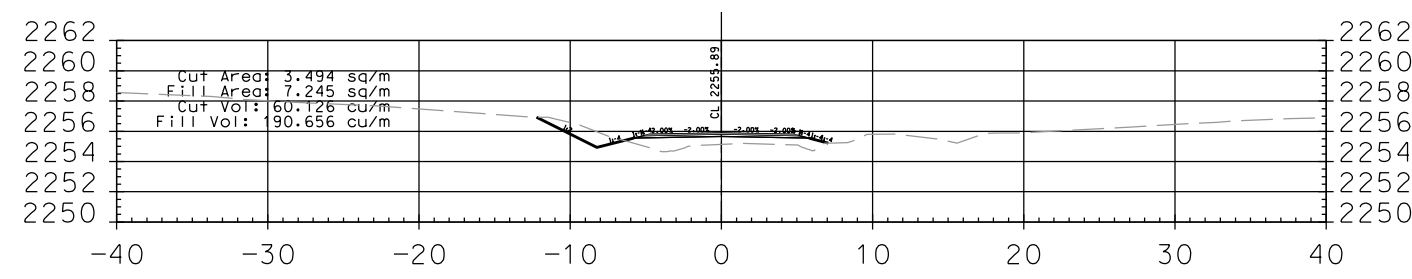
6+340.000



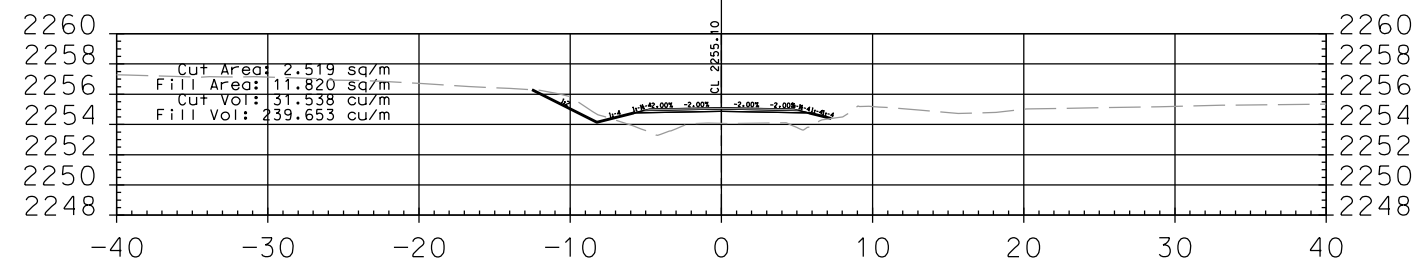
6+540.000



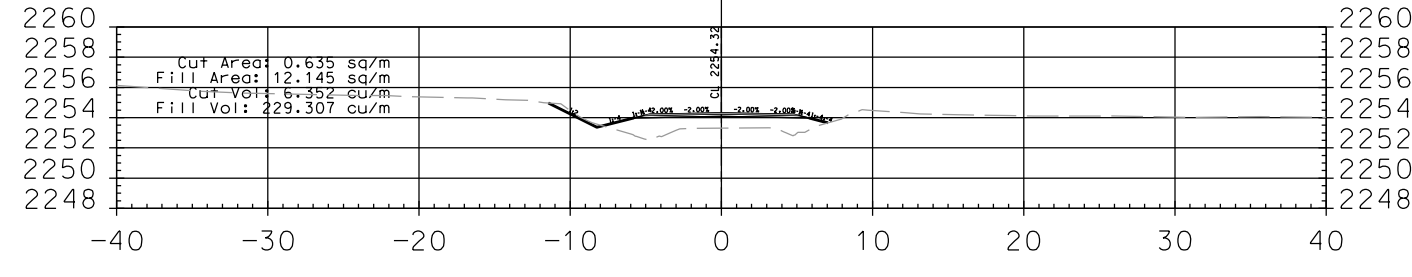
6+520.000



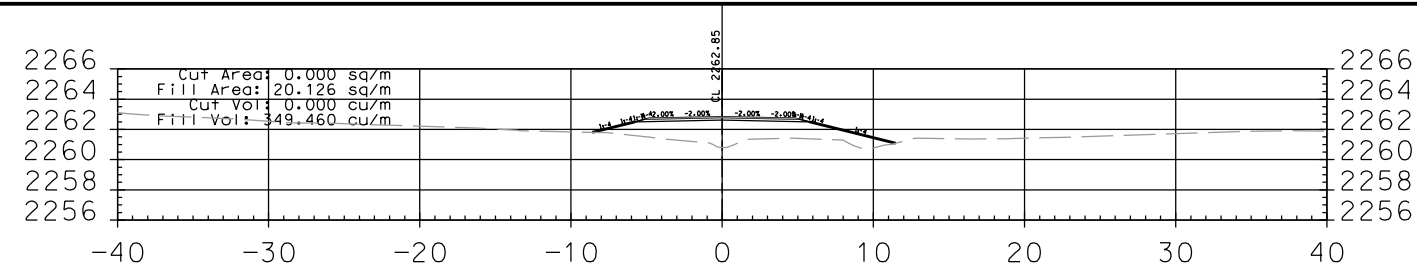
6+500.000



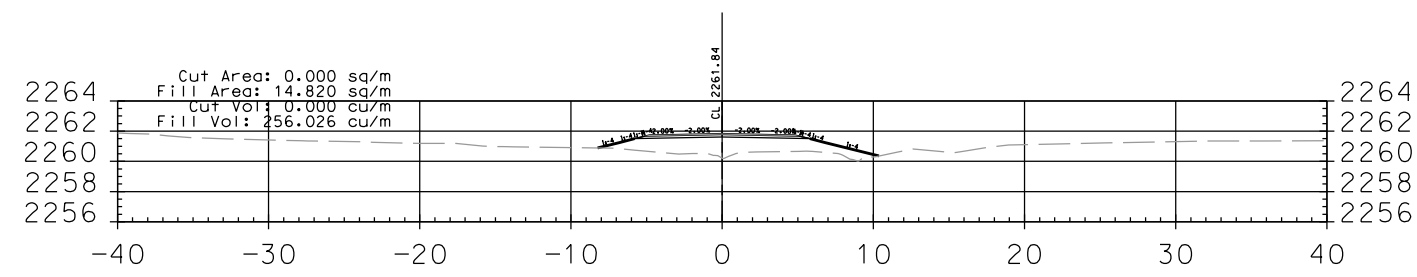
6+480.000



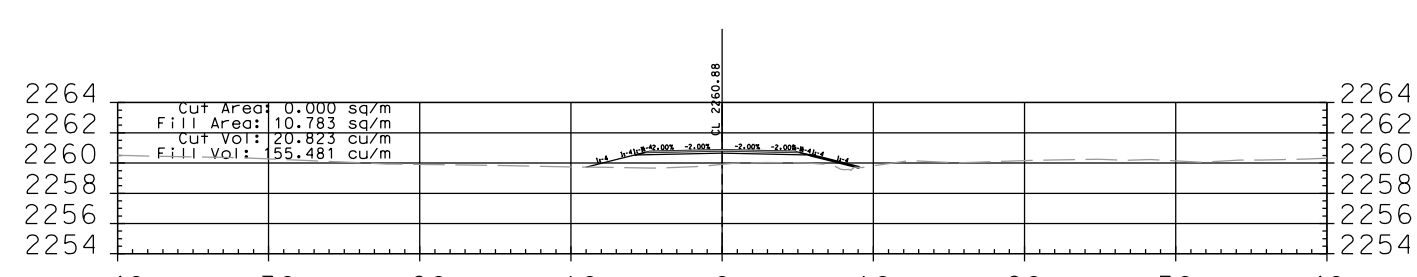
6+460.000



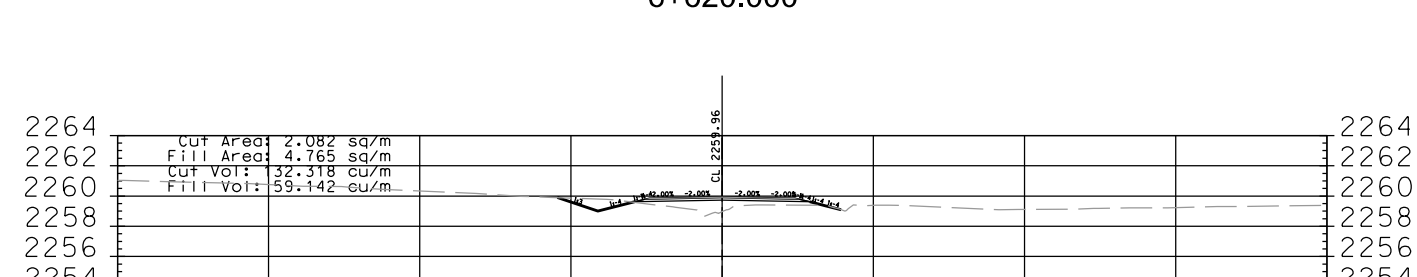
6+660.000



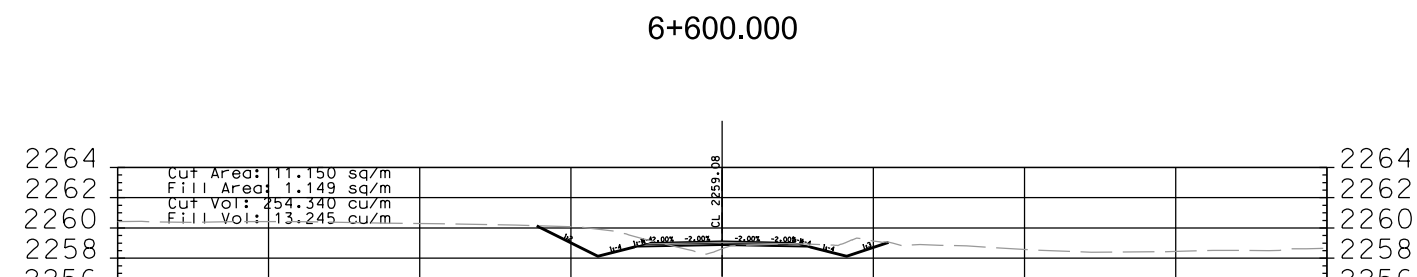
6+640.000



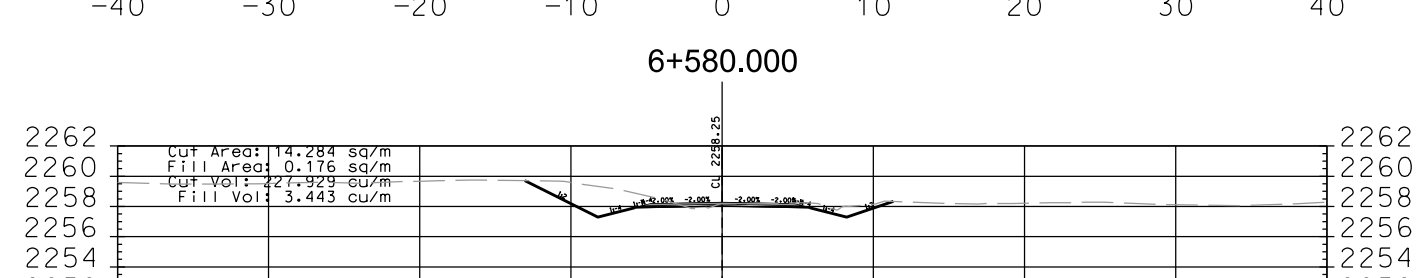
6+620.000



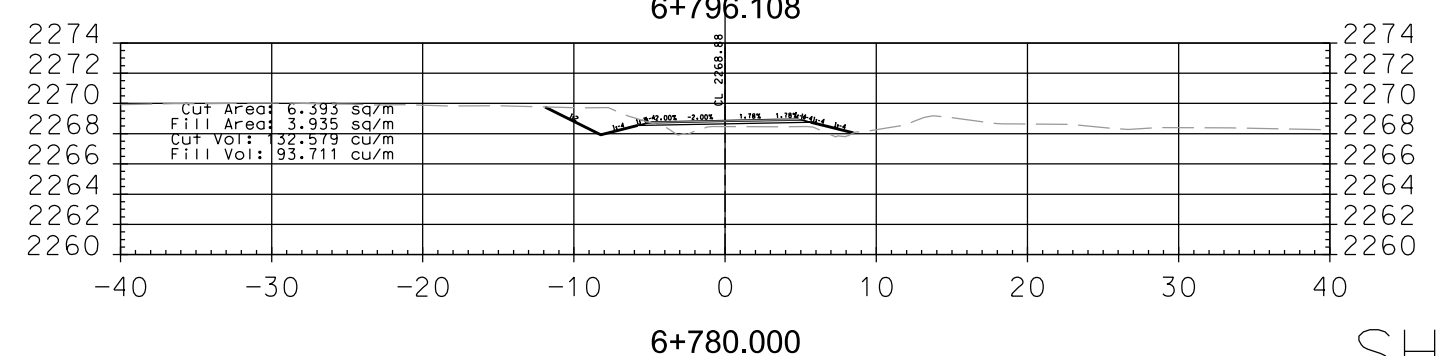
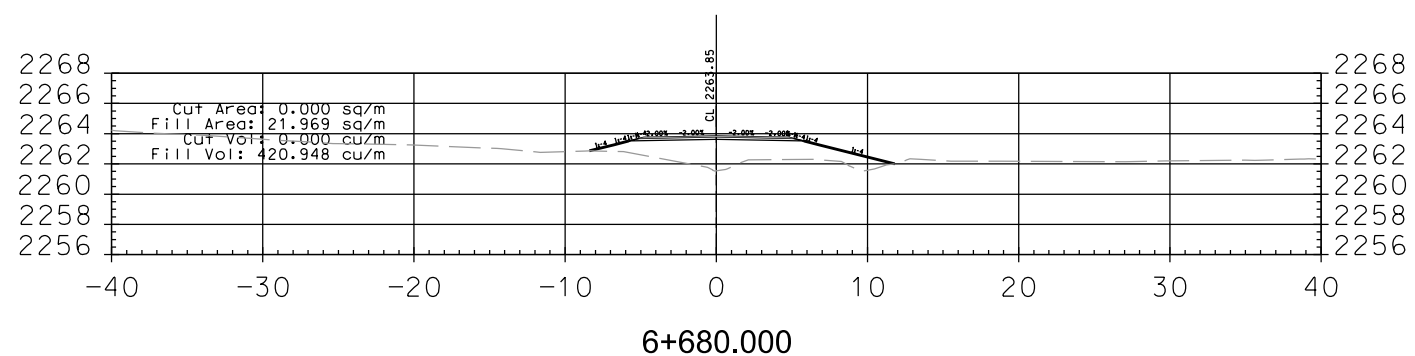
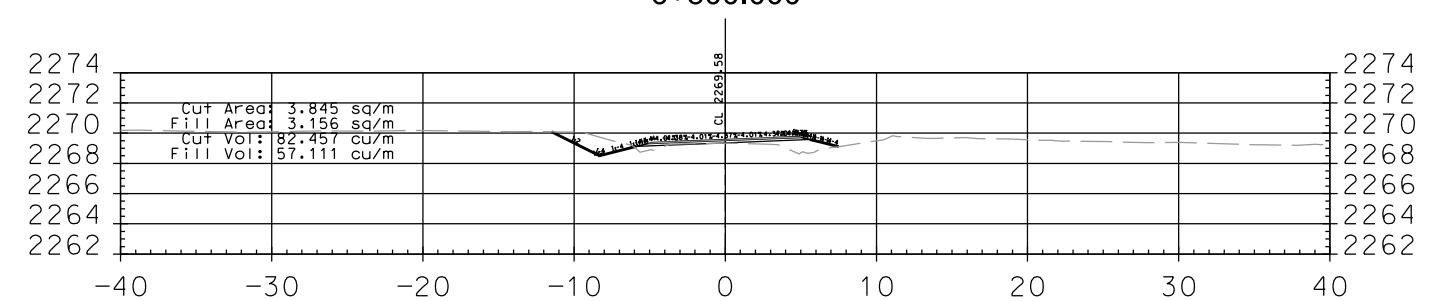
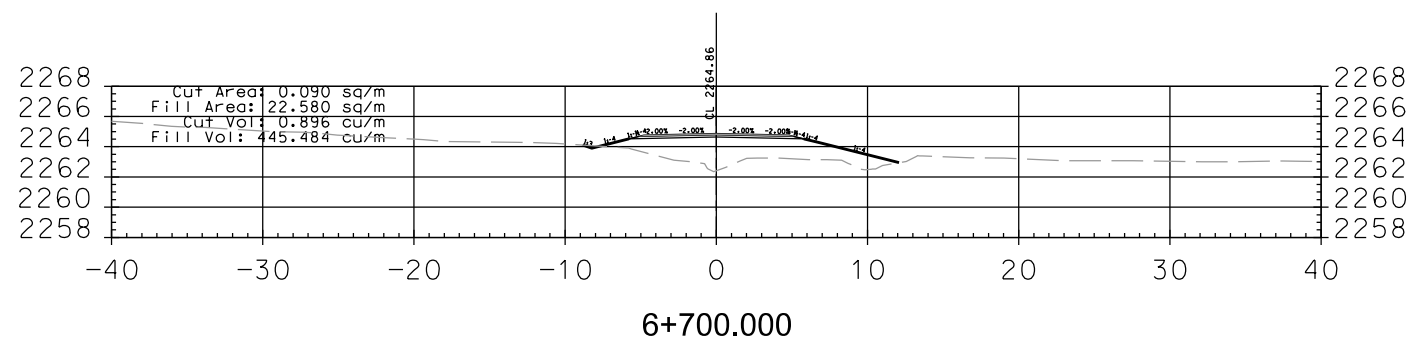
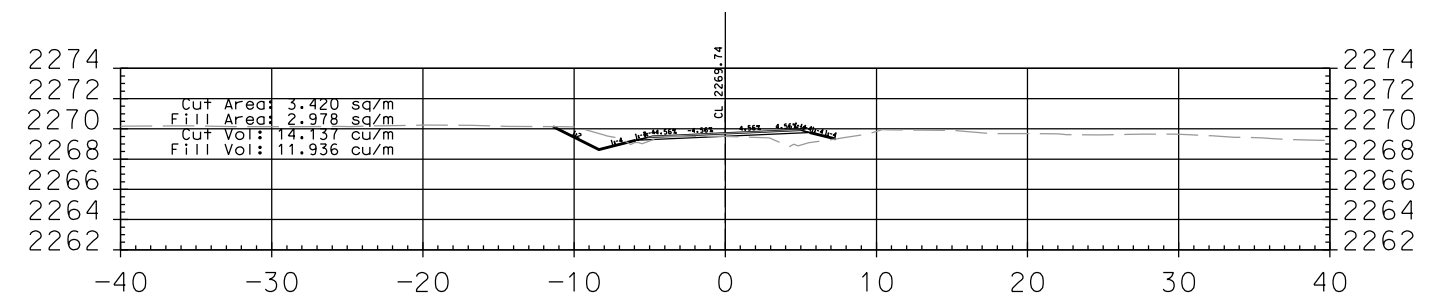
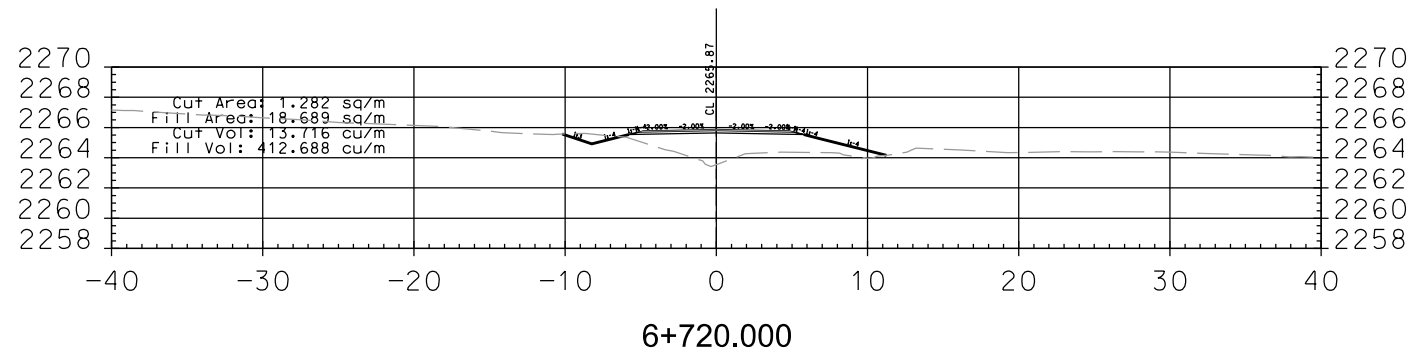
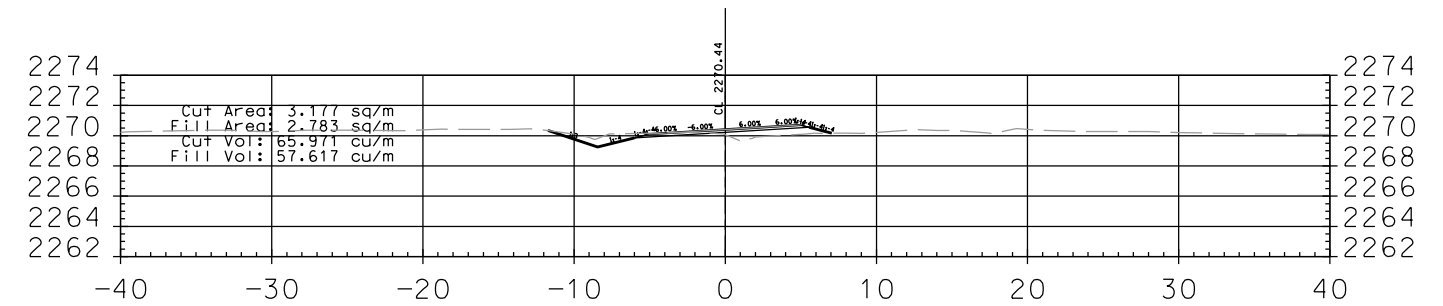
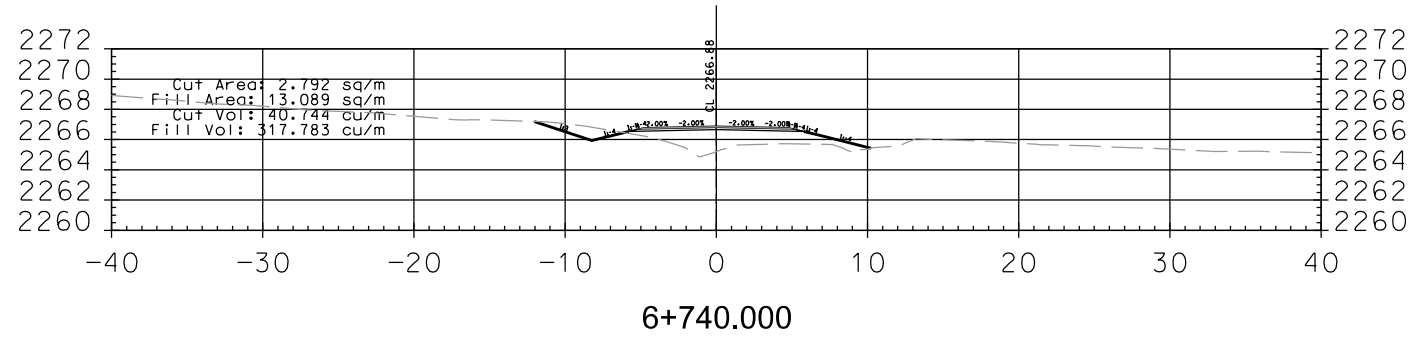
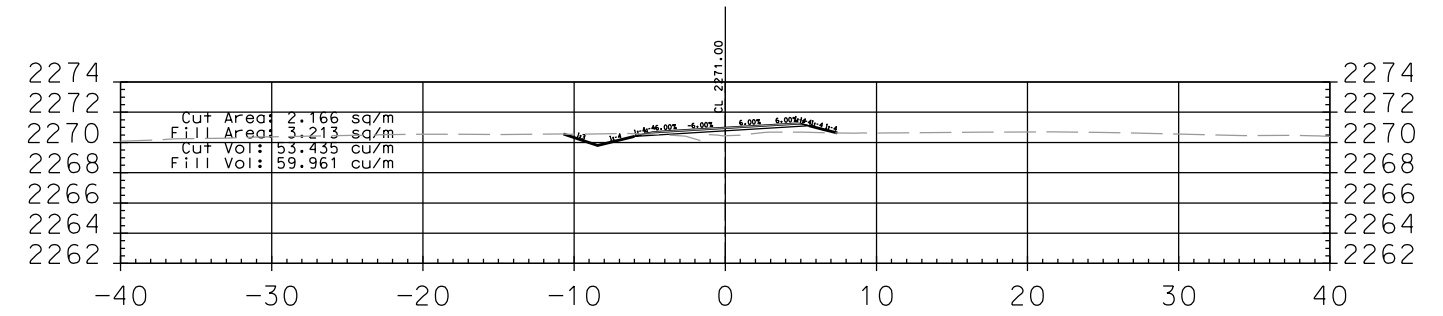
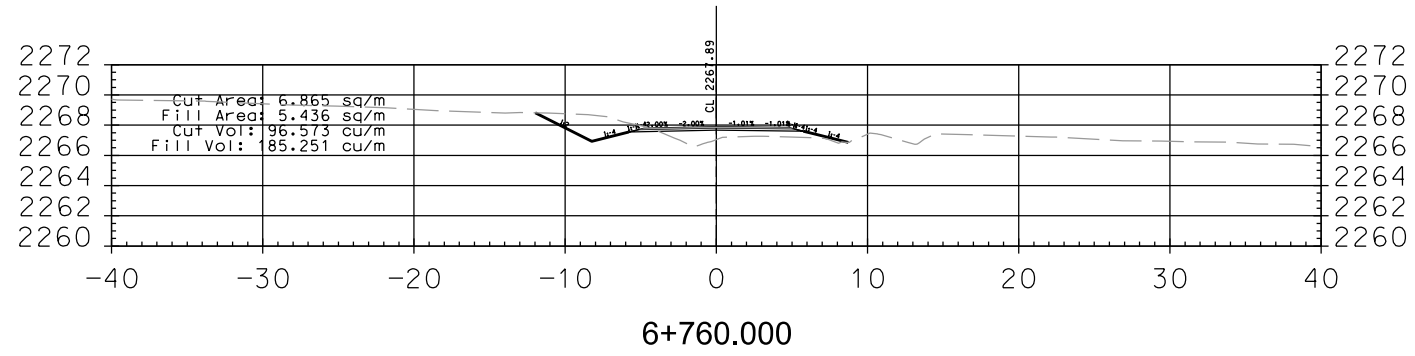
6+600.000

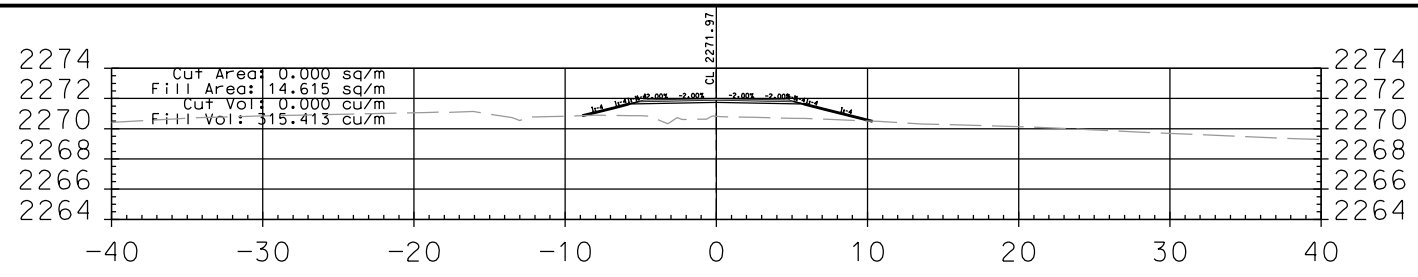


6+580.000

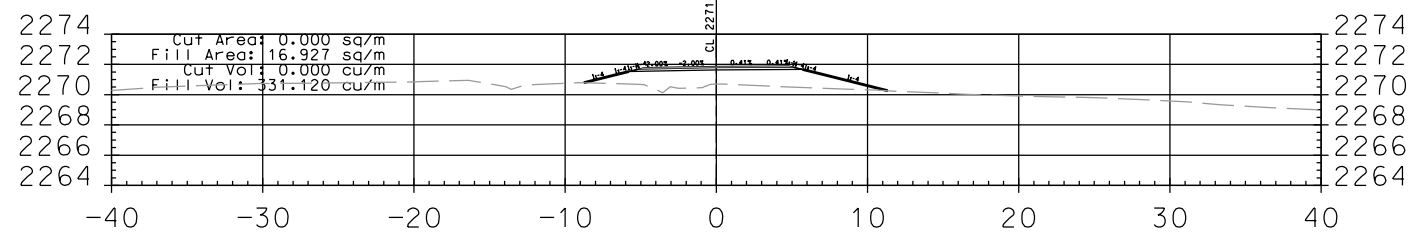


6+560.000

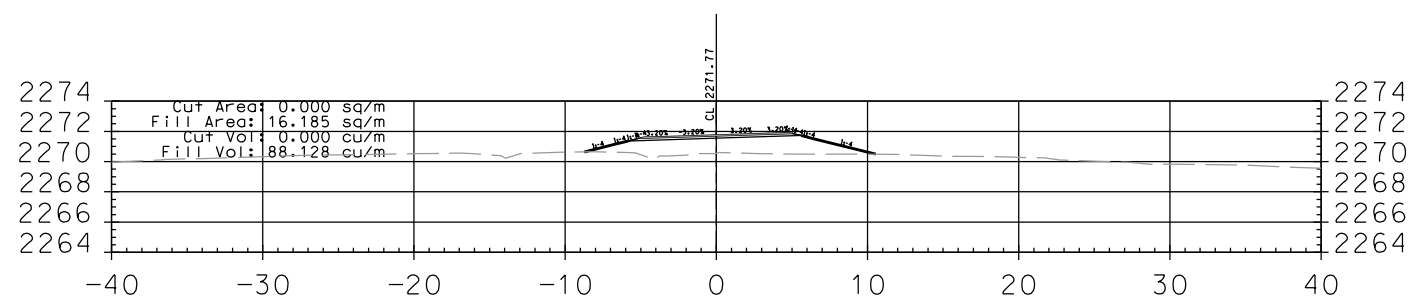




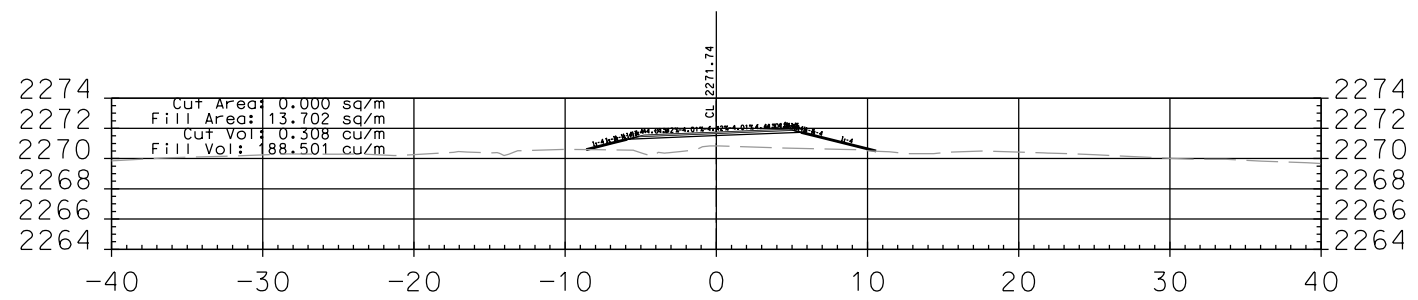
6+940.000



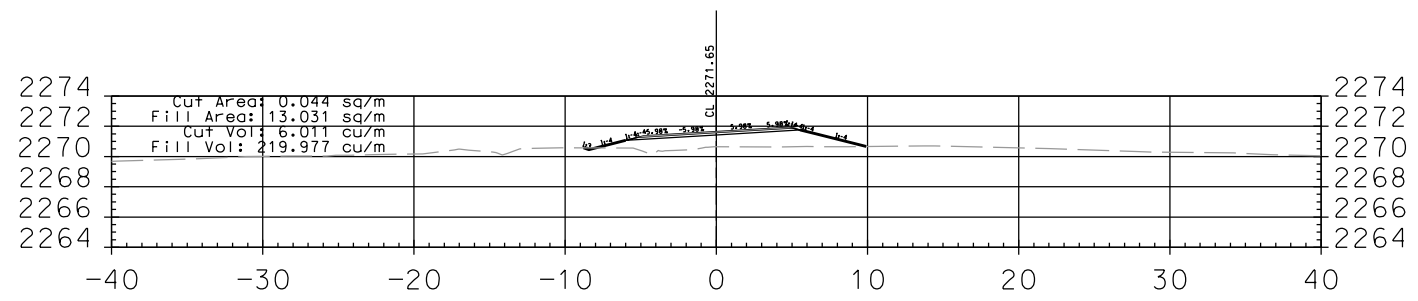
6+920.000



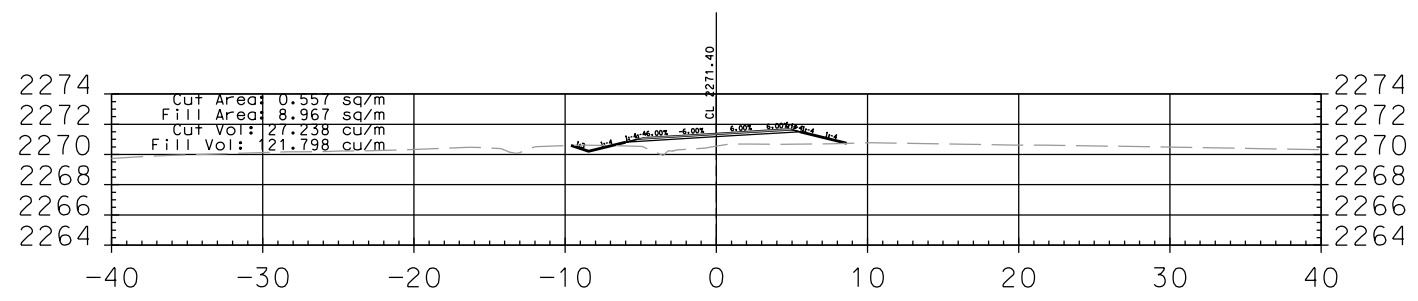
6+900.000



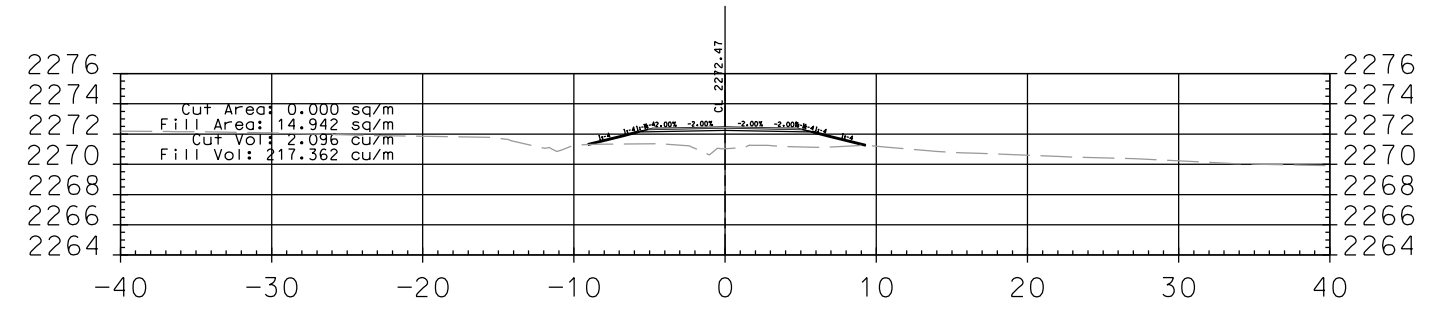
6+894.103



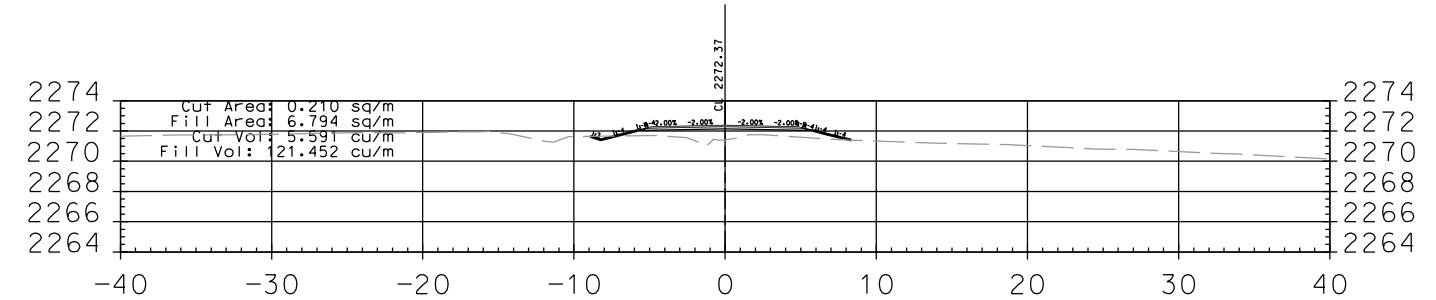
6+880.000



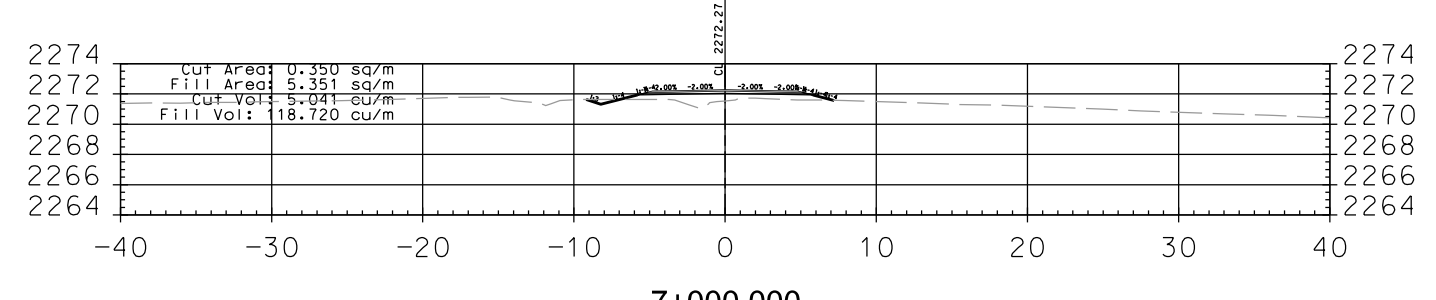
6+860.000



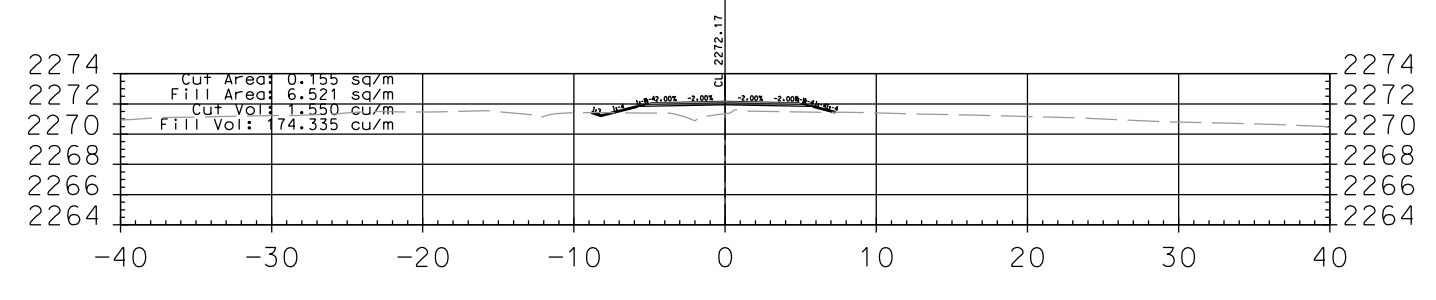
7+040.000



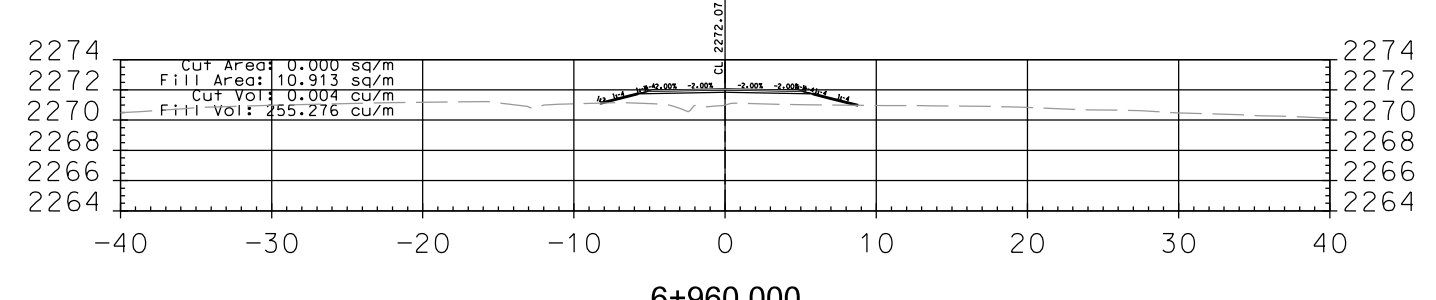
7+020.000



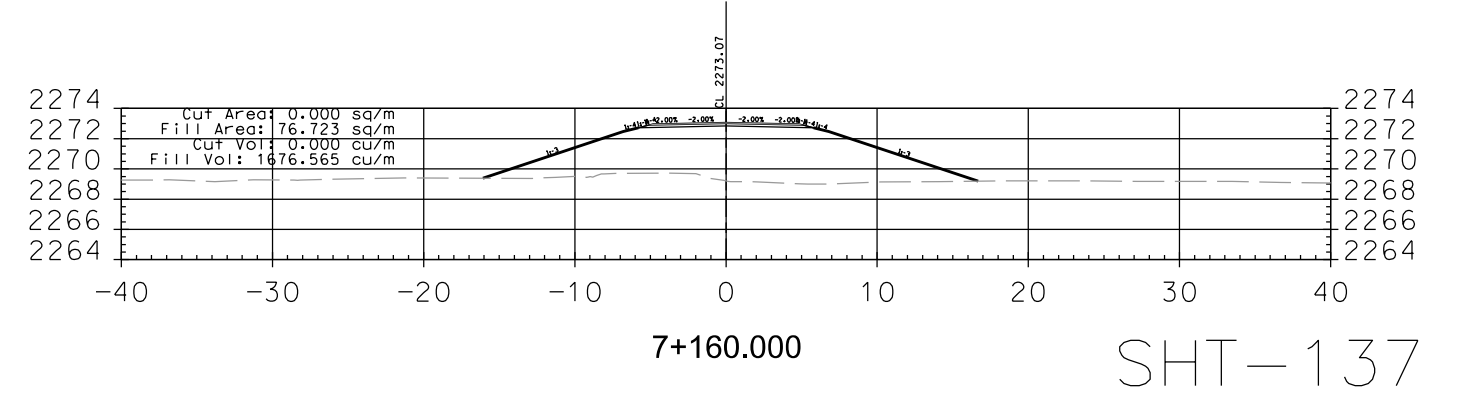
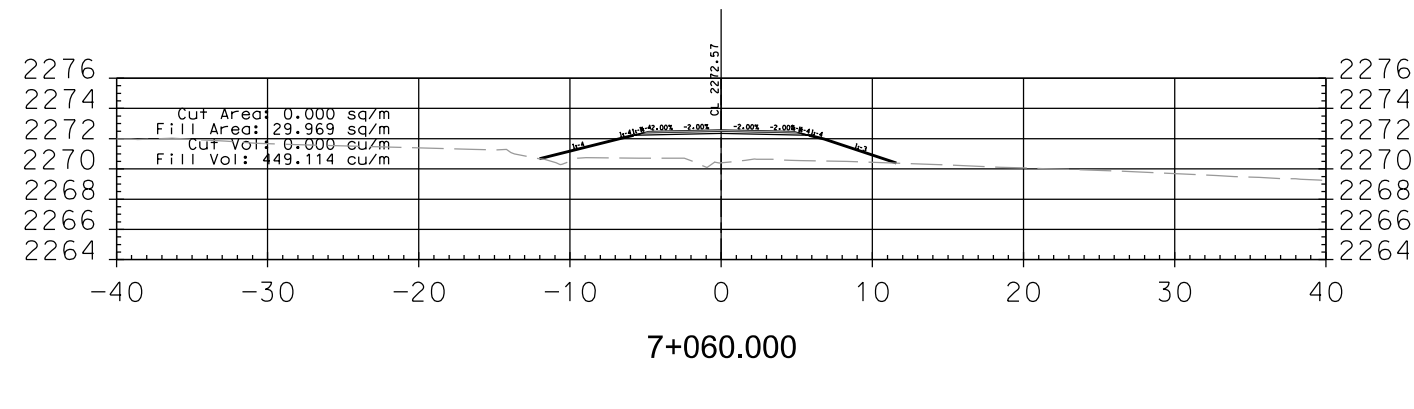
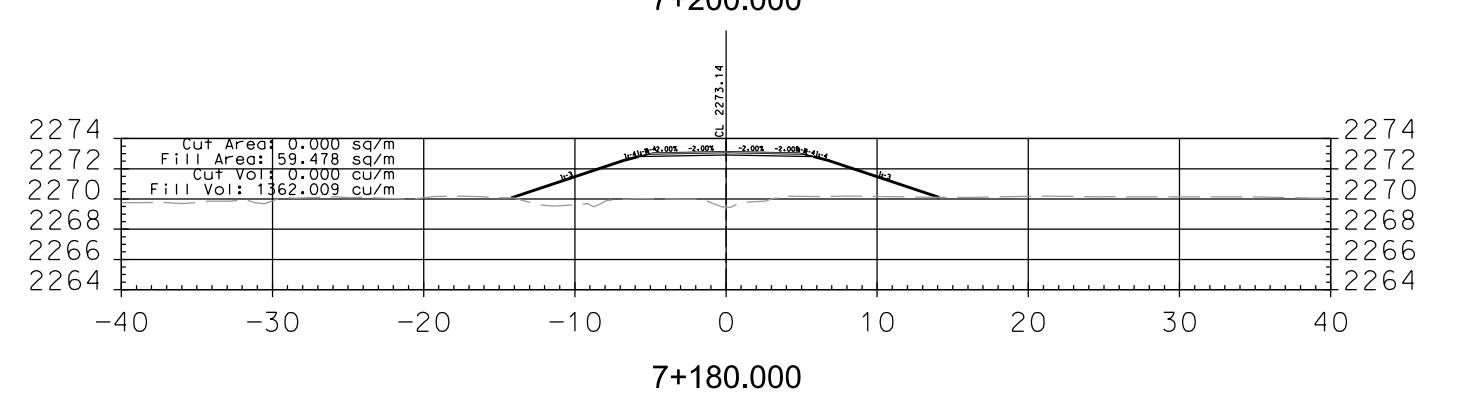
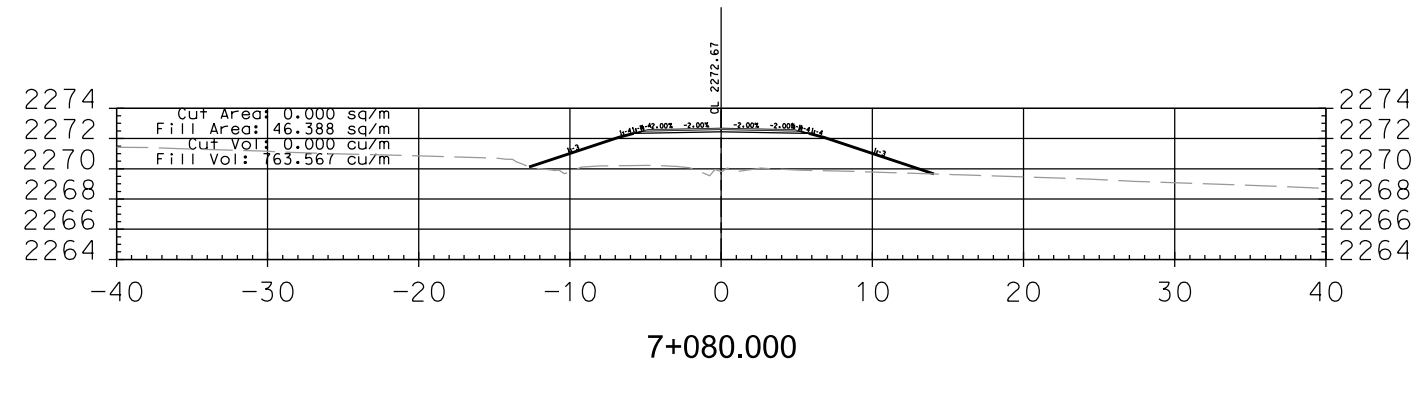
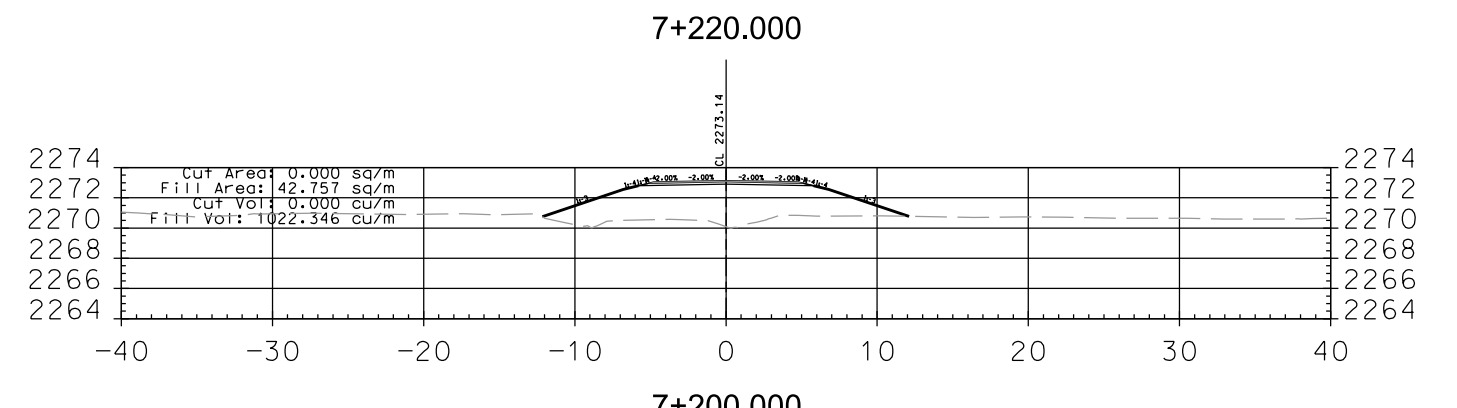
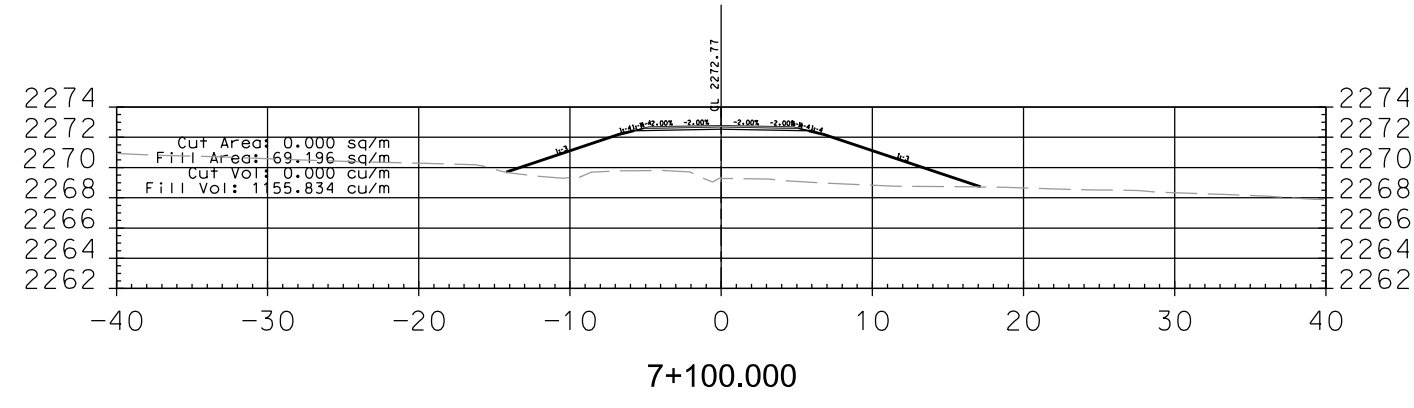
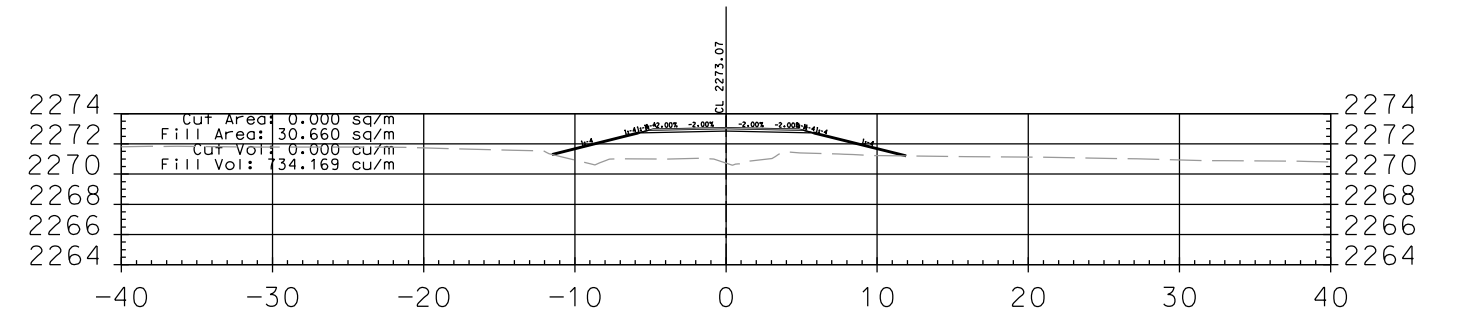
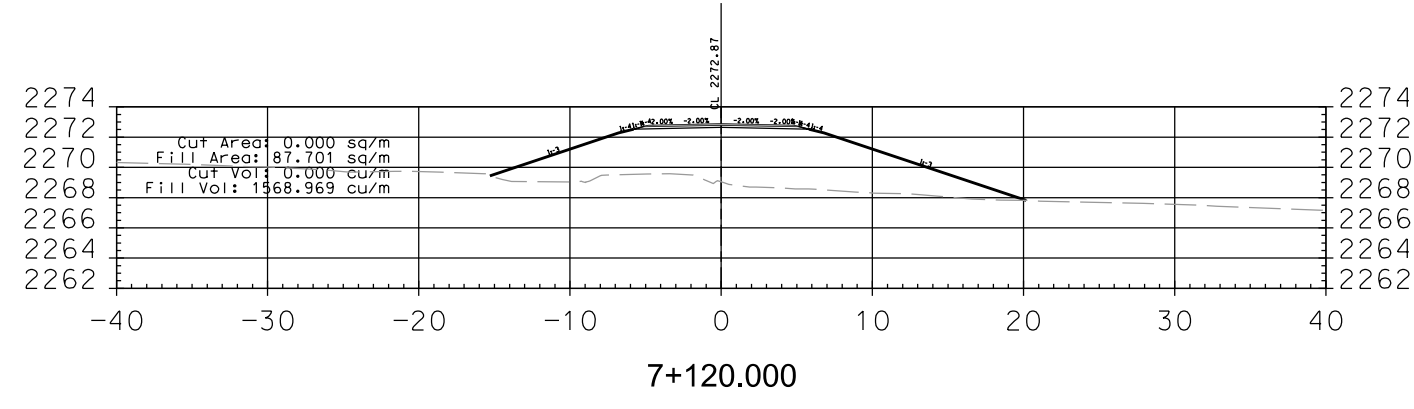
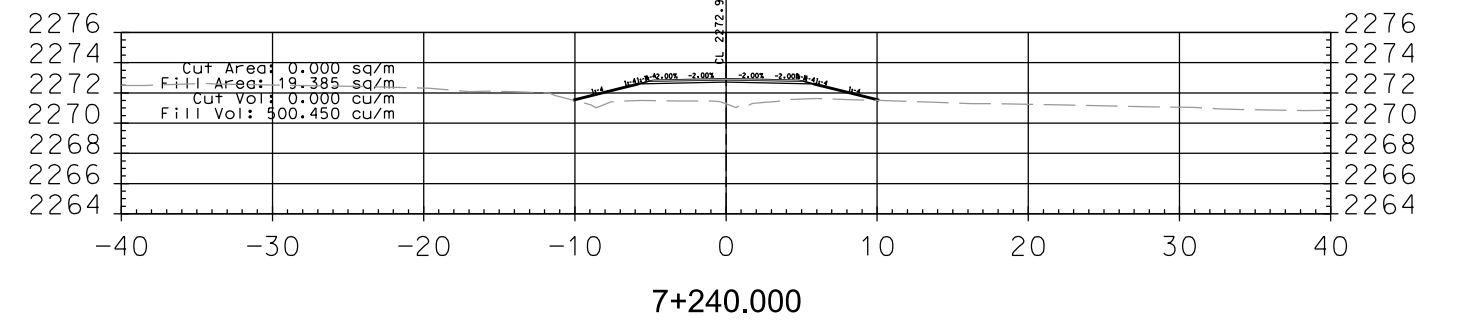
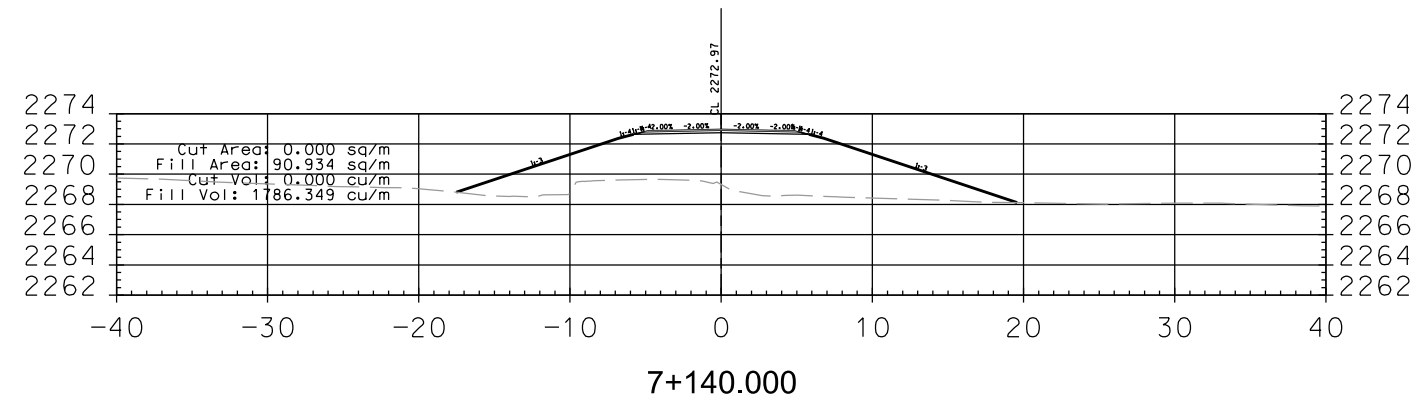
7+000.000

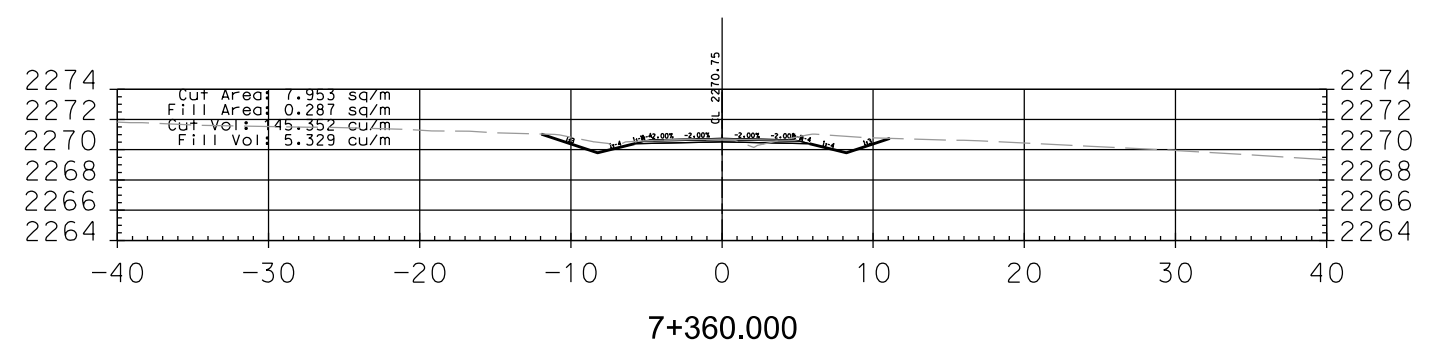
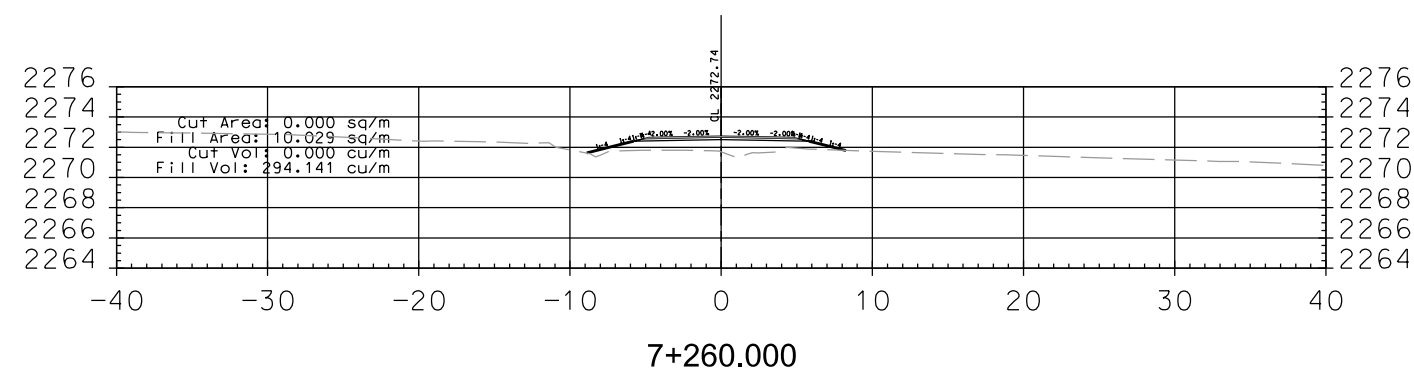
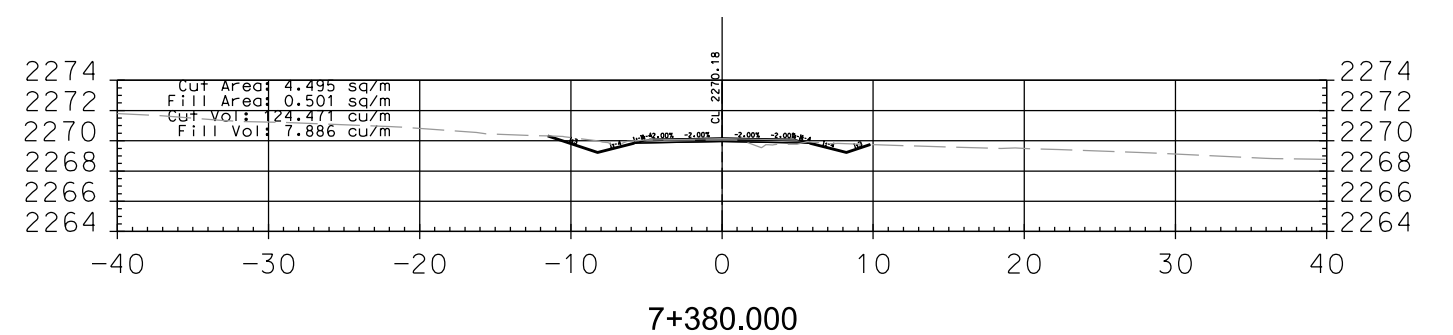
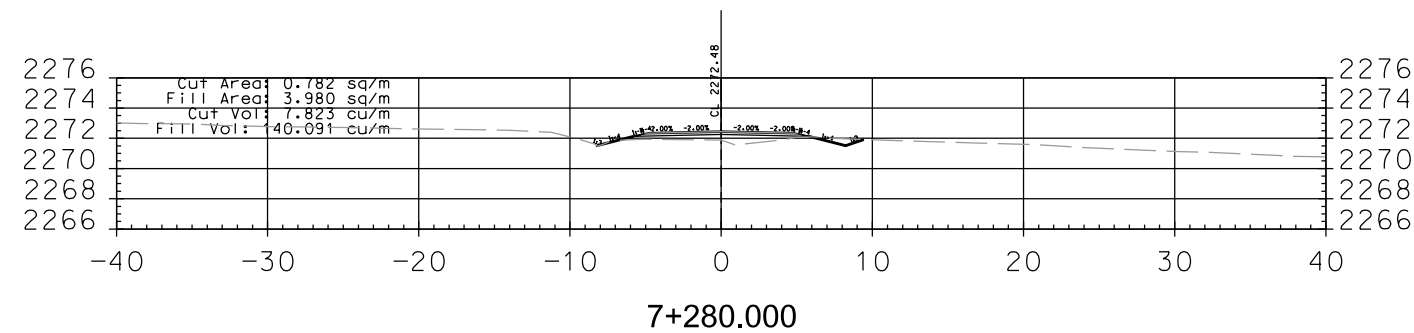
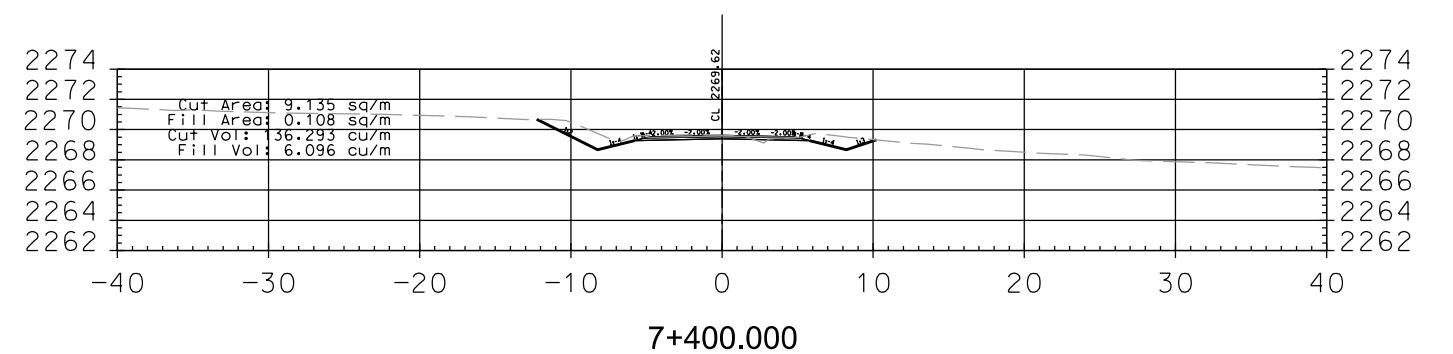
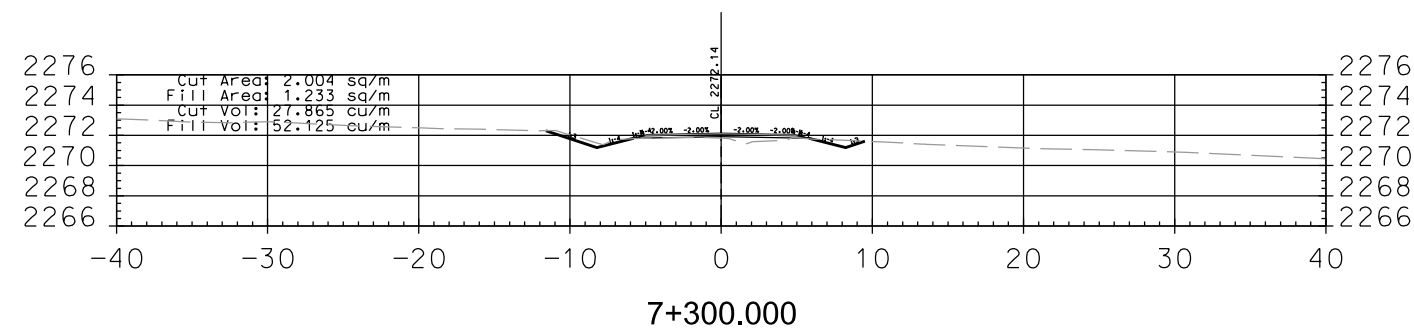
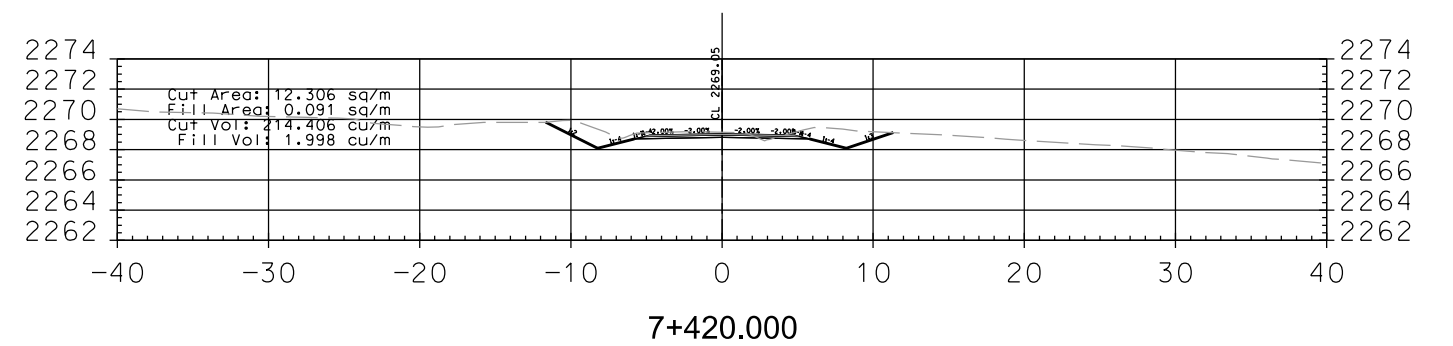
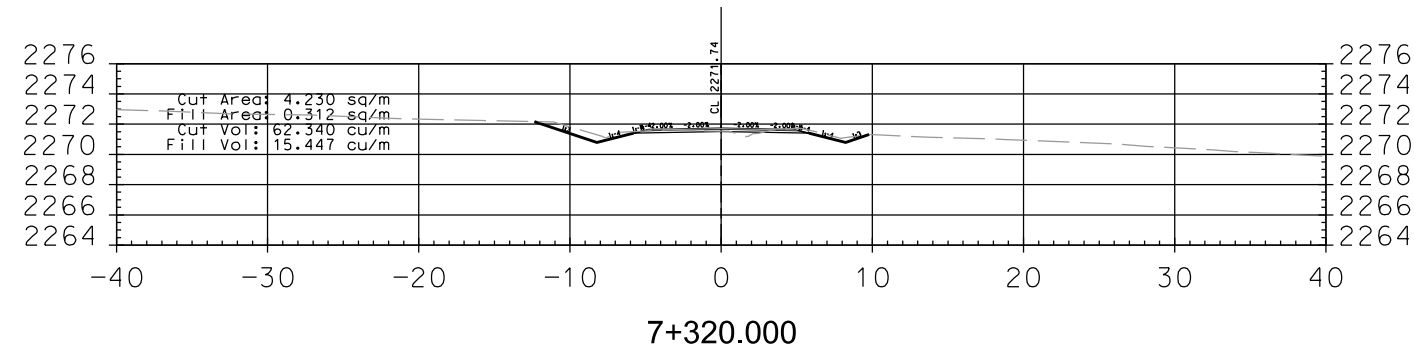
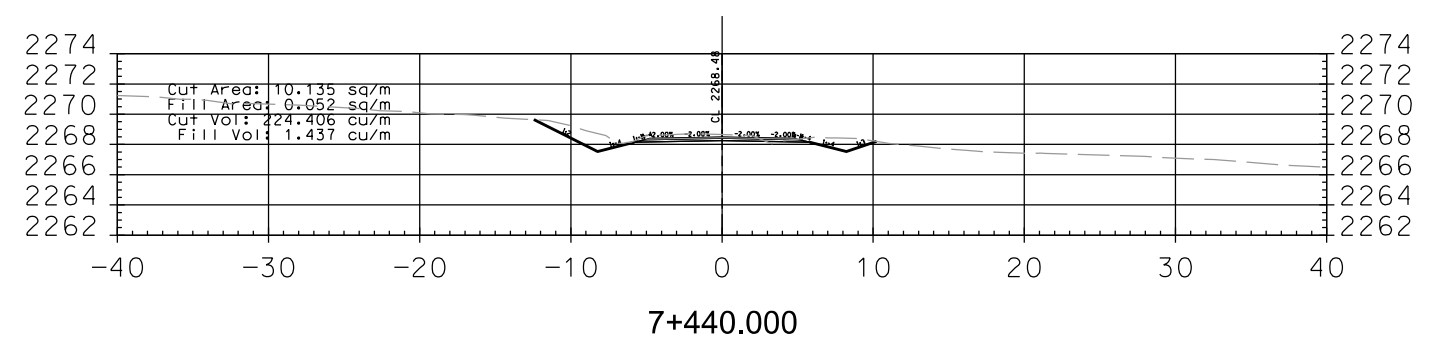
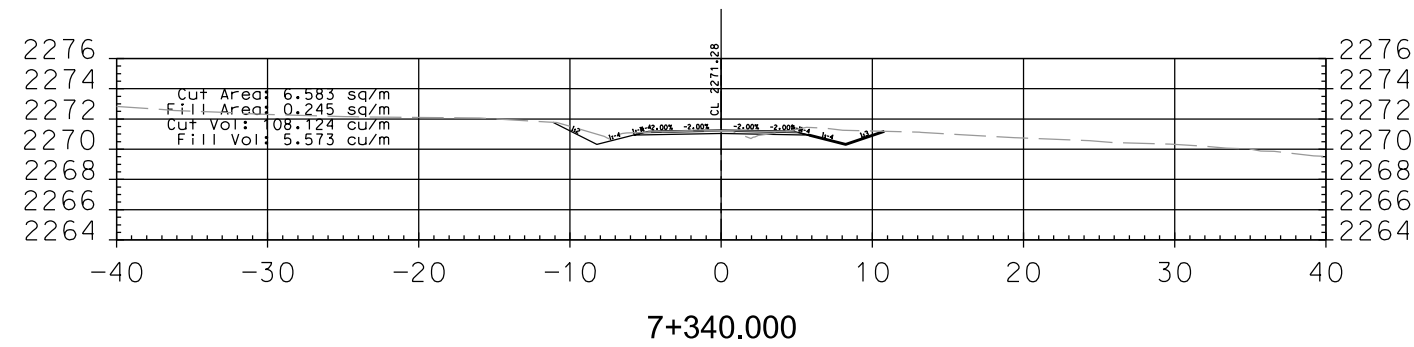


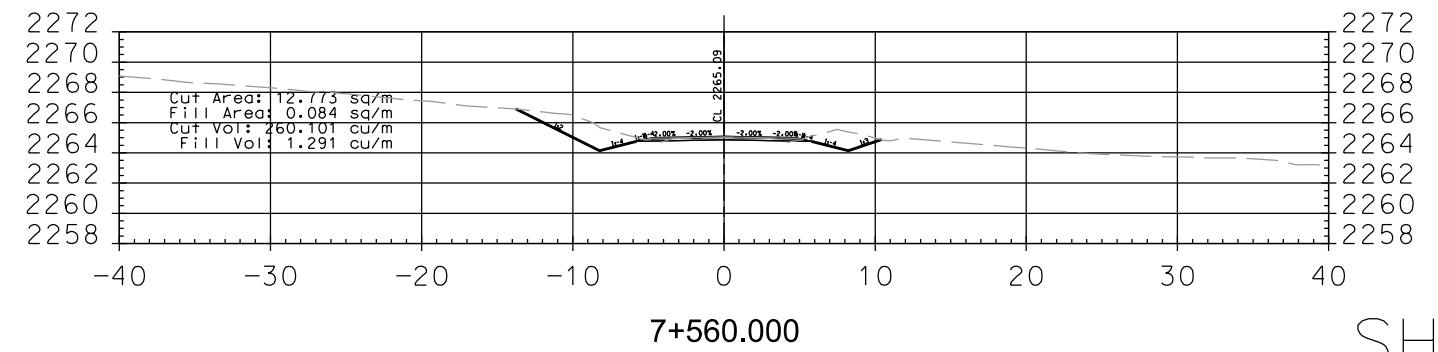
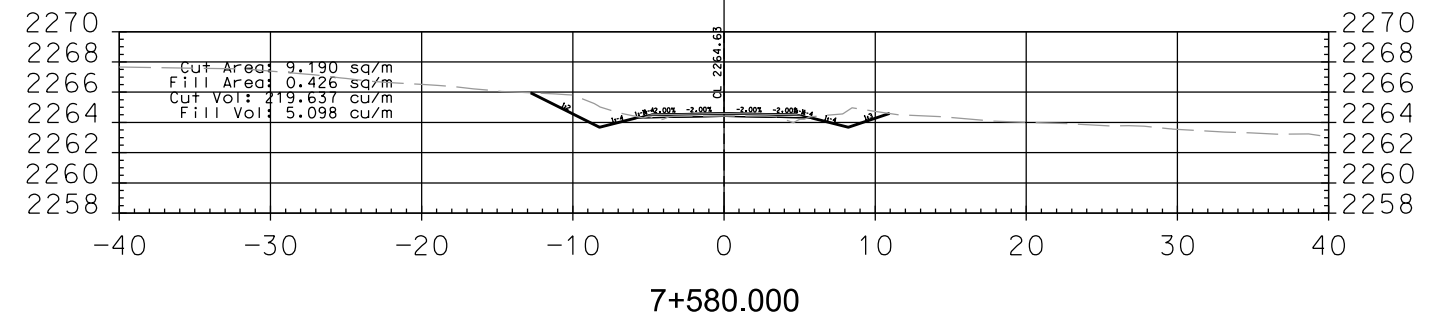
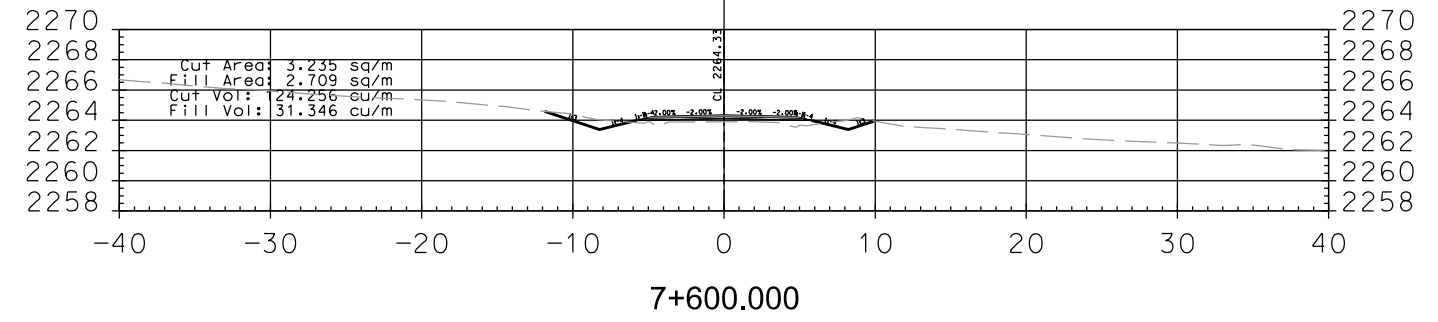
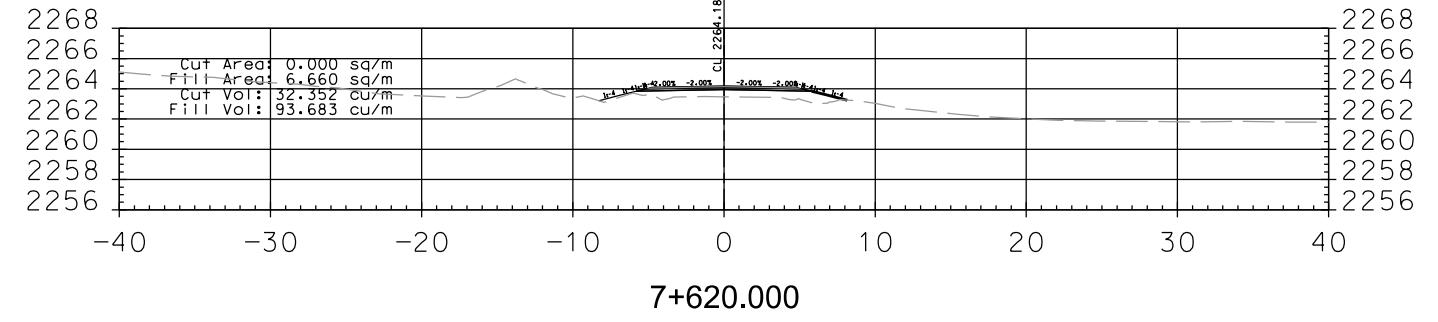
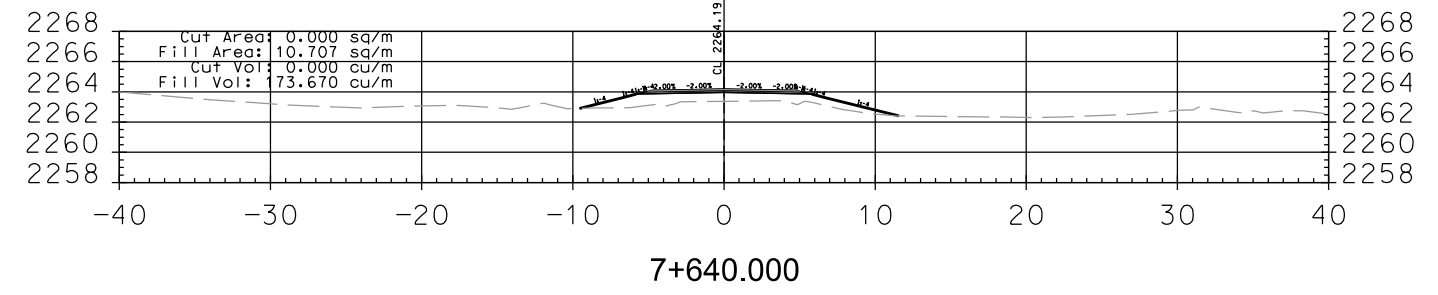
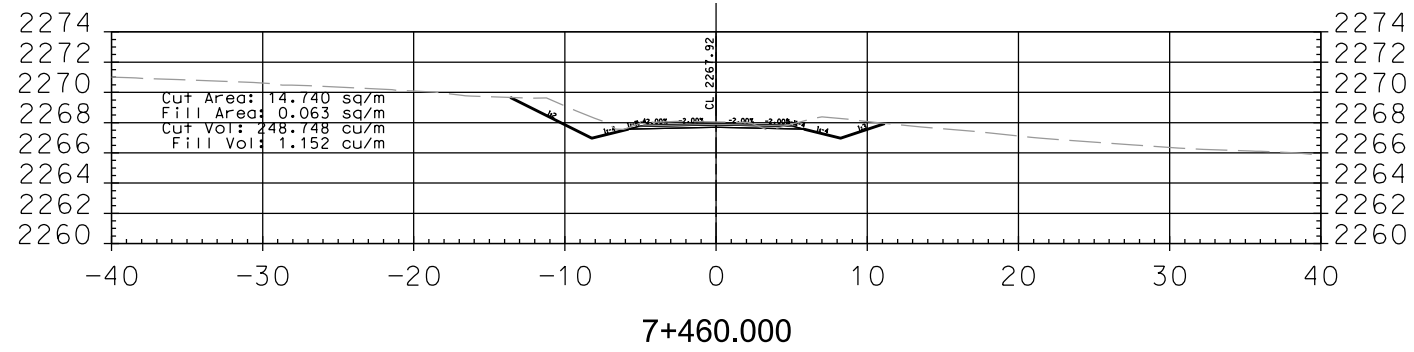
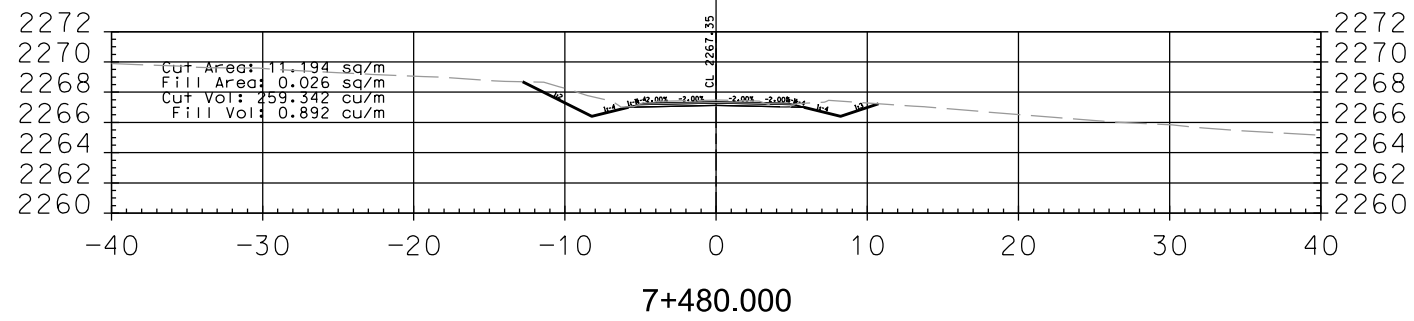
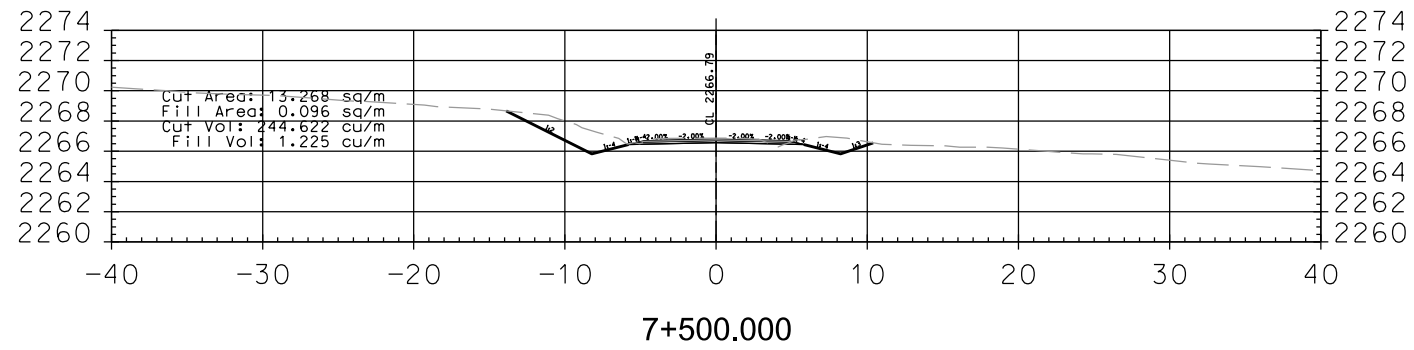
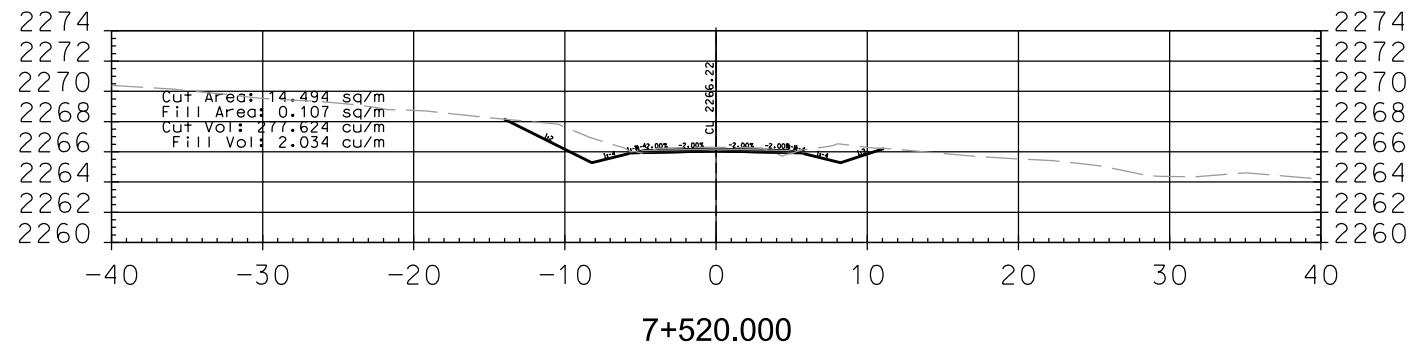
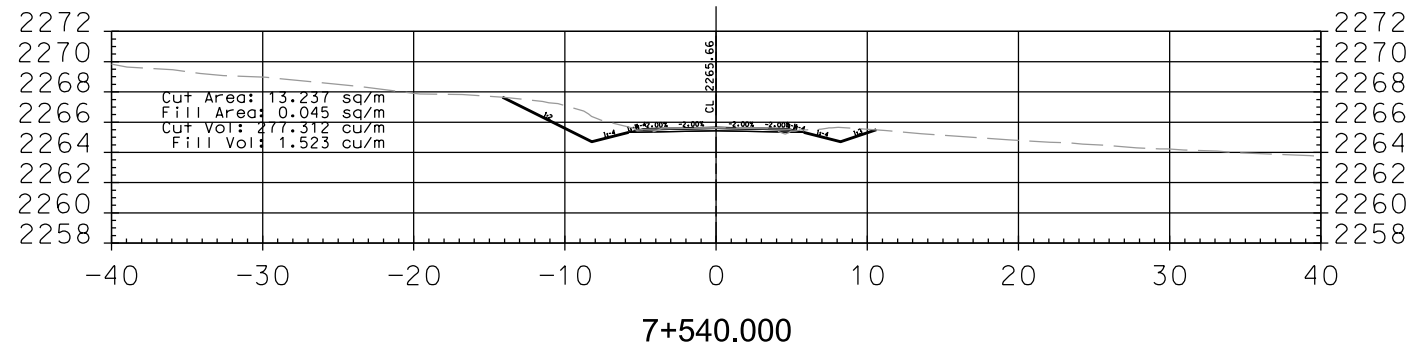
6+980.000

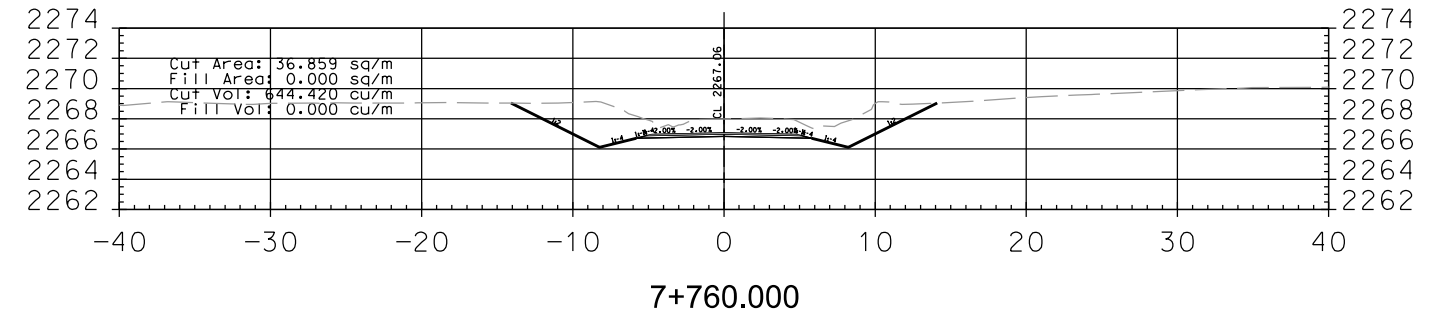
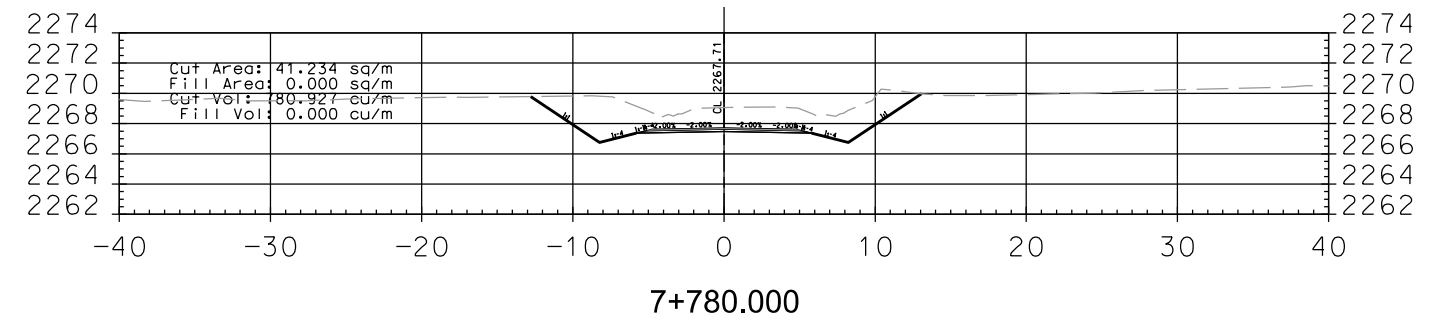
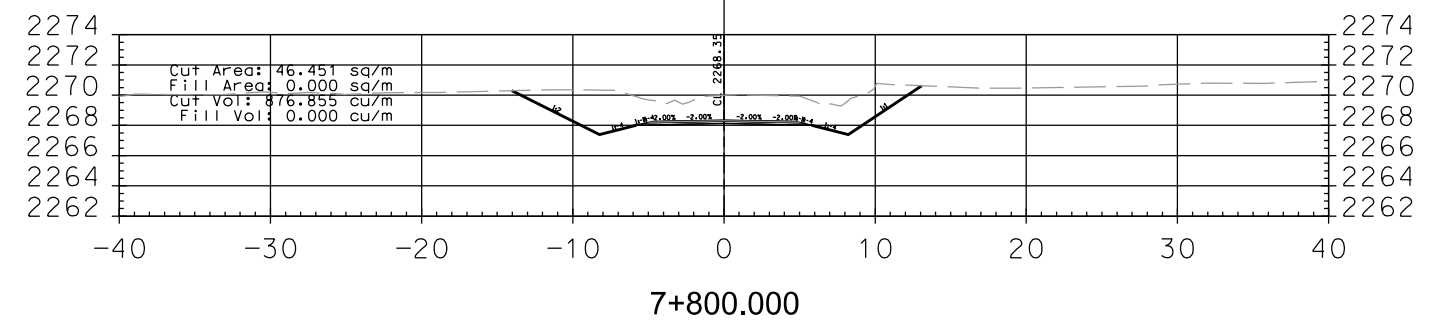
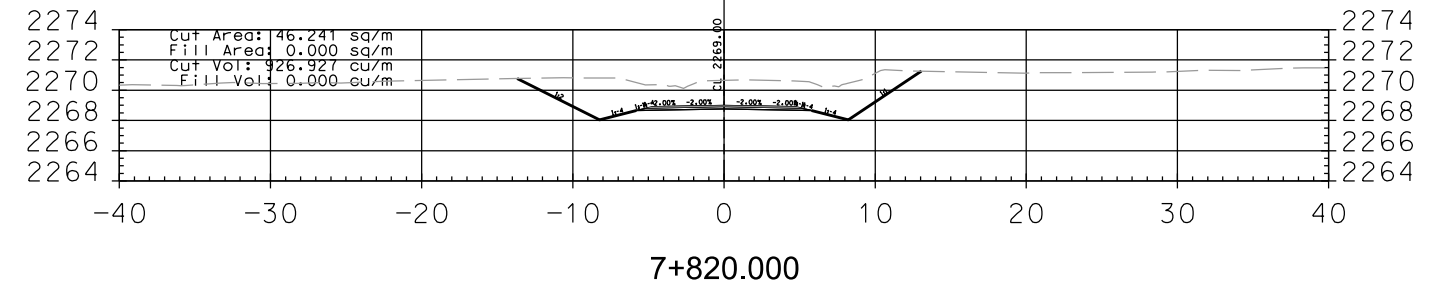
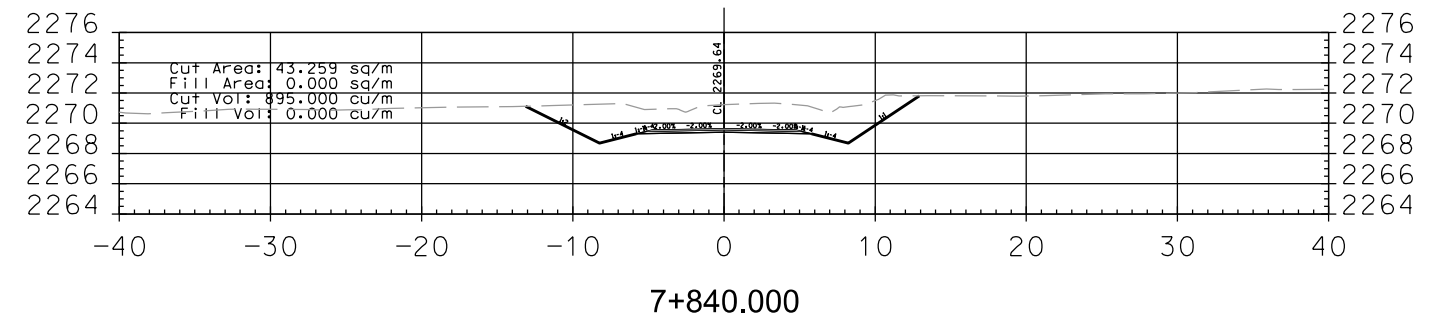
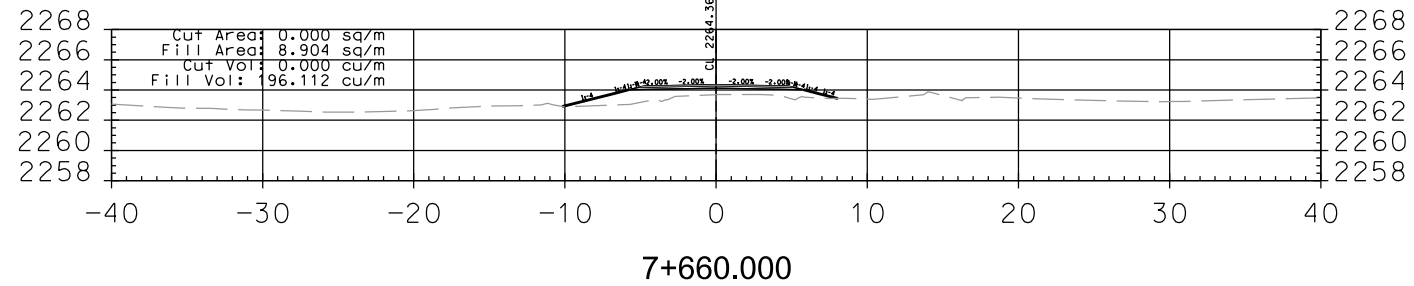
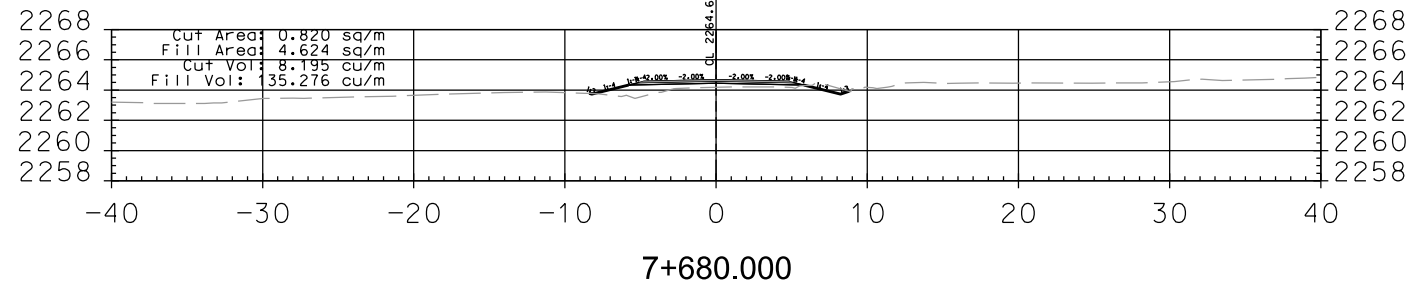
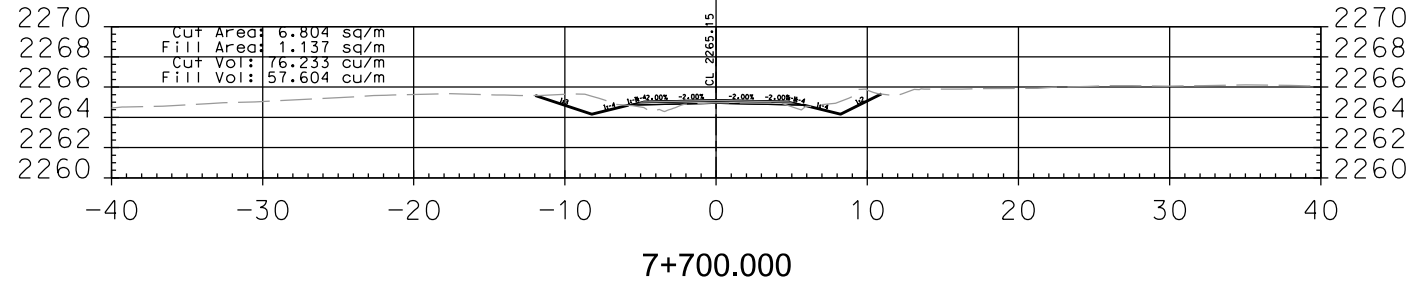
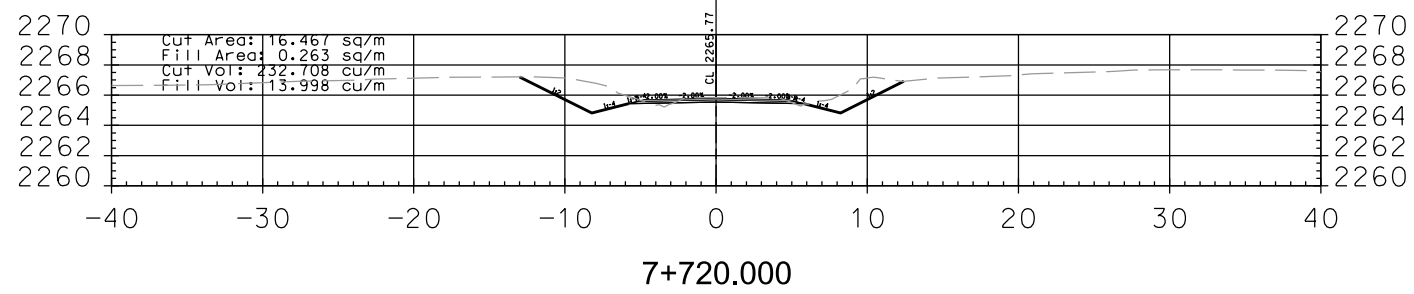
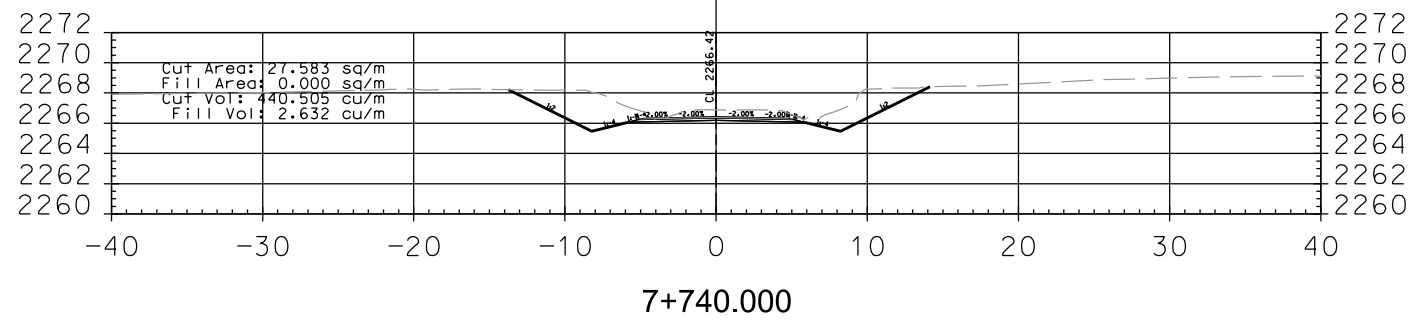


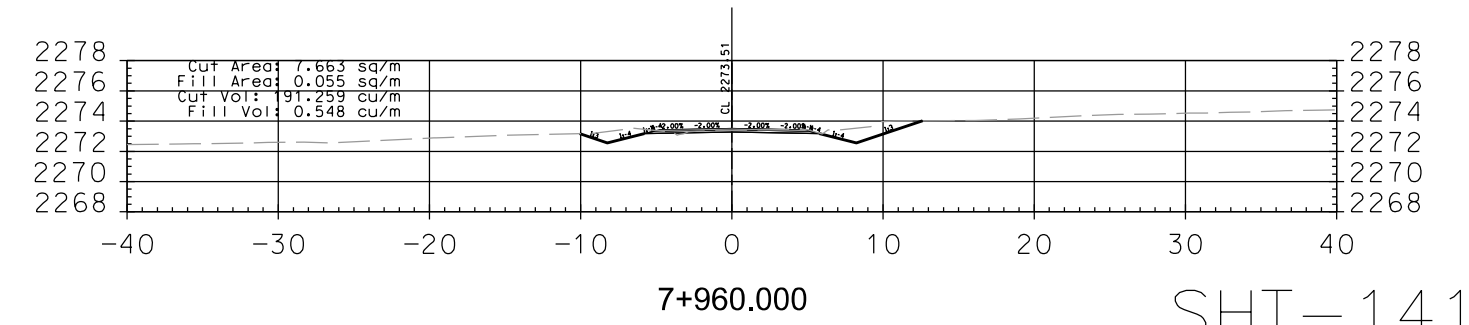
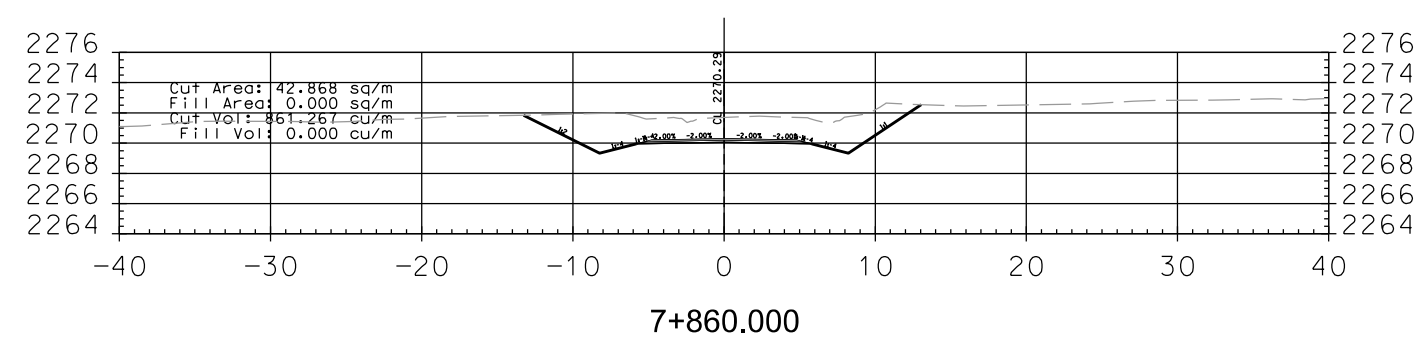
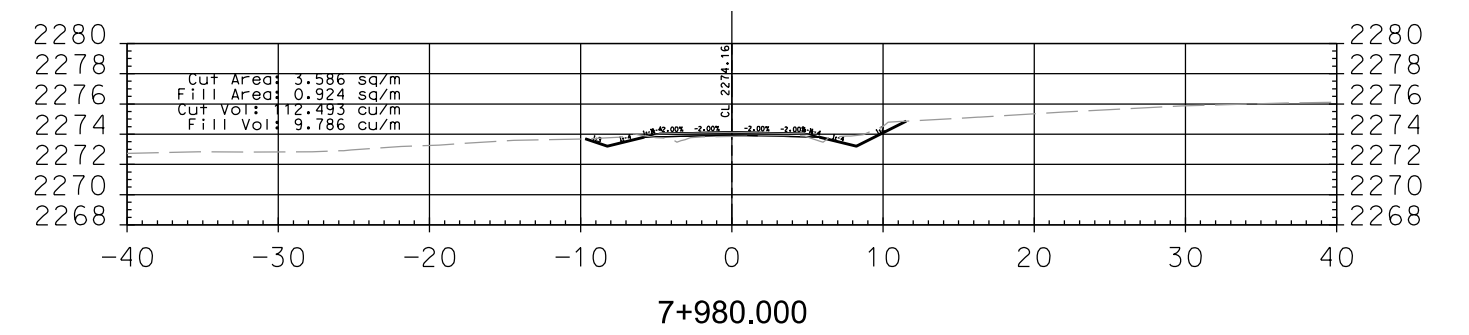
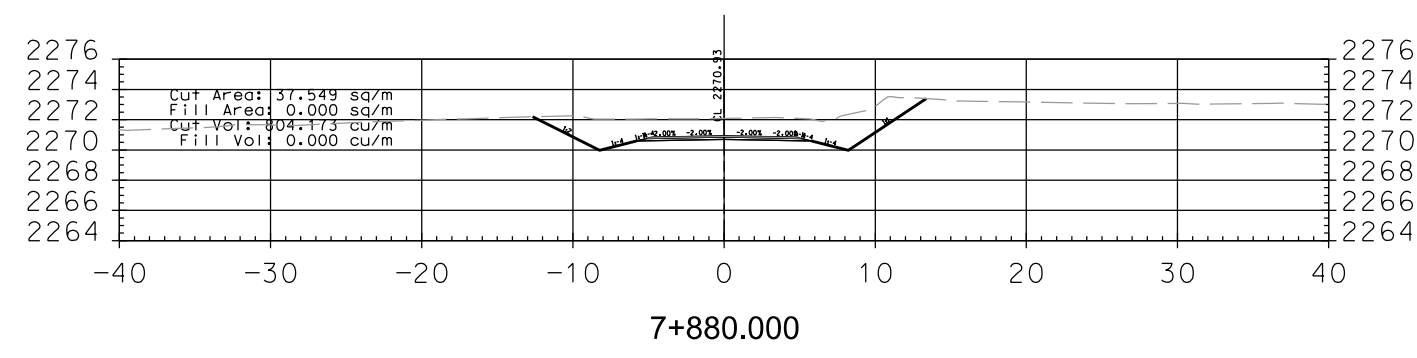
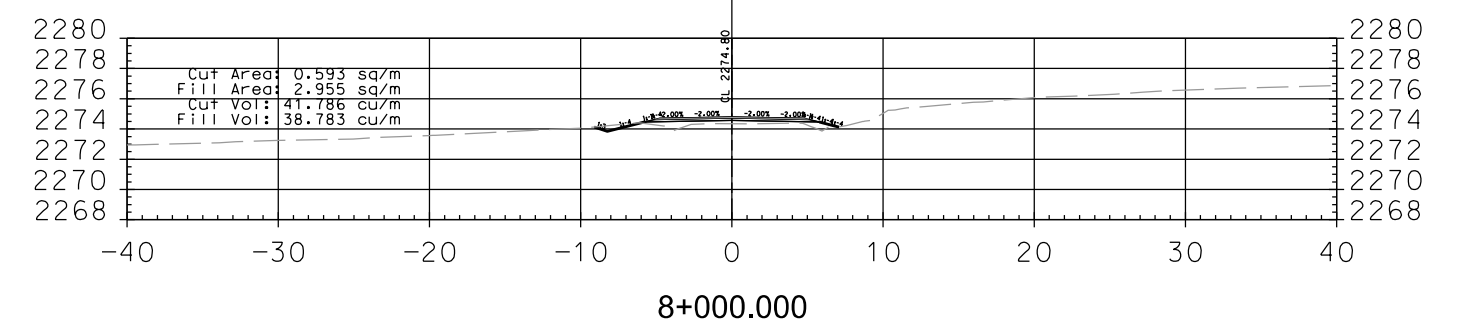
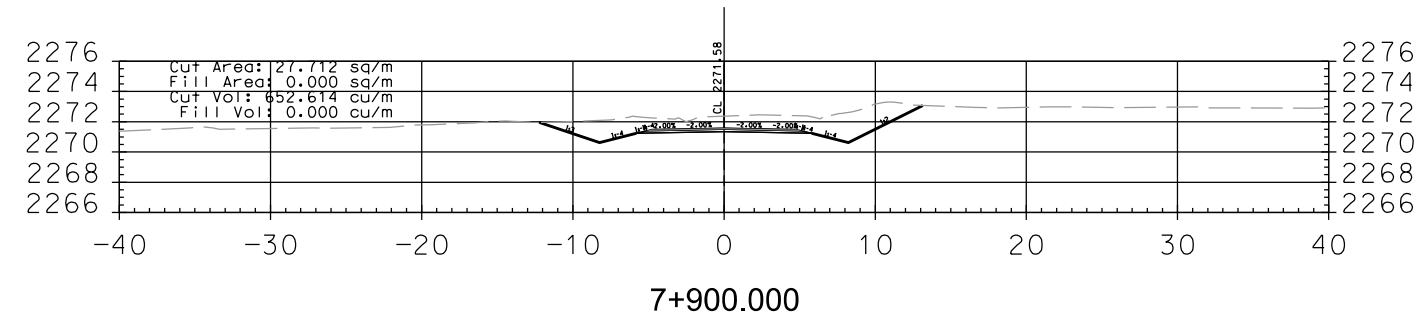
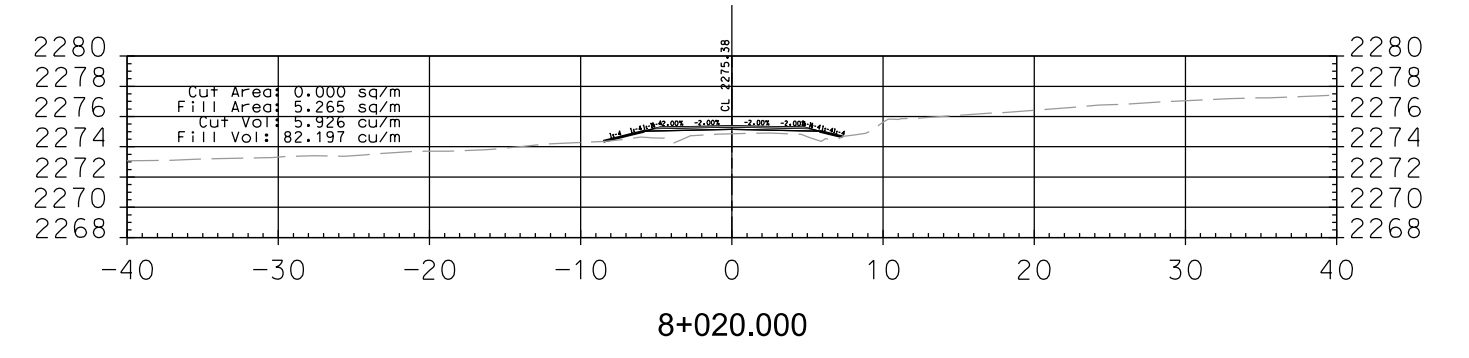
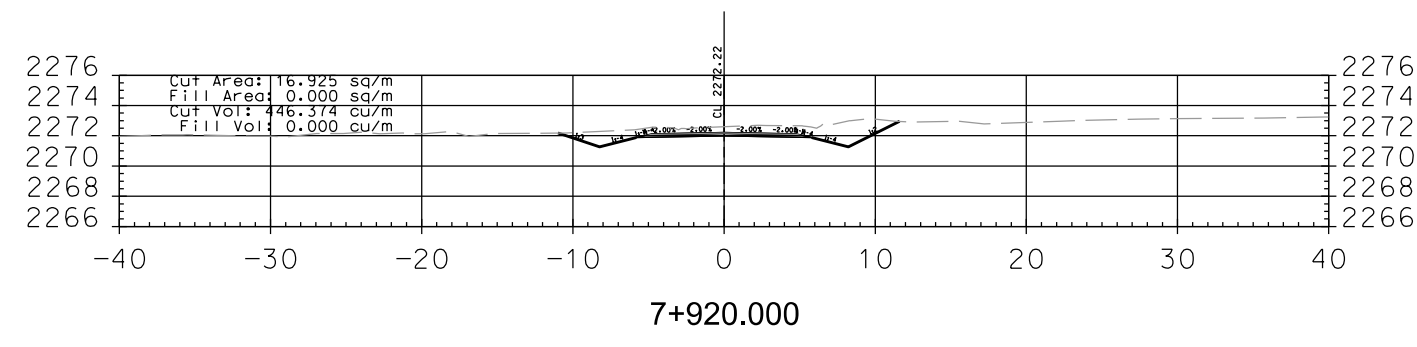
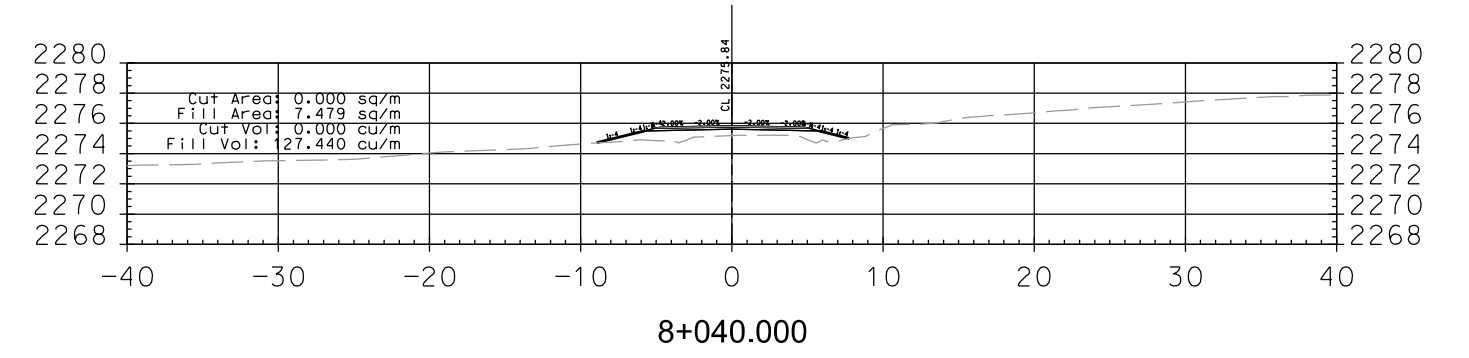
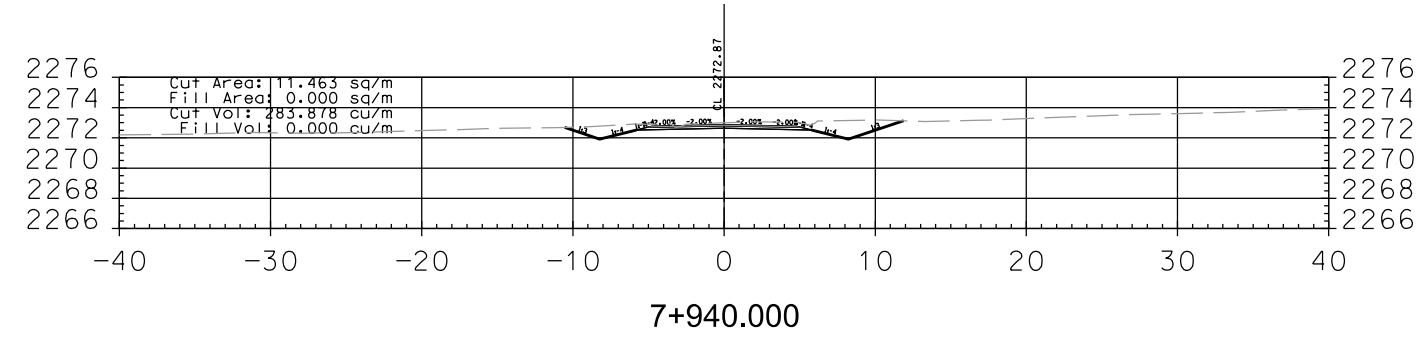
6+960.000

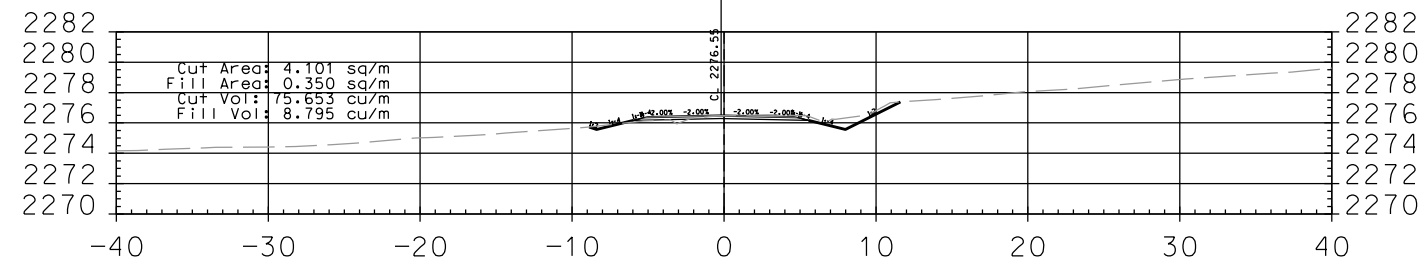




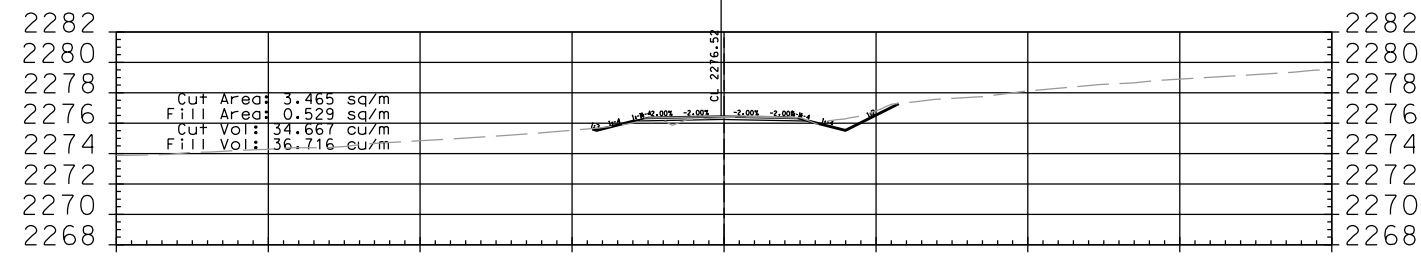




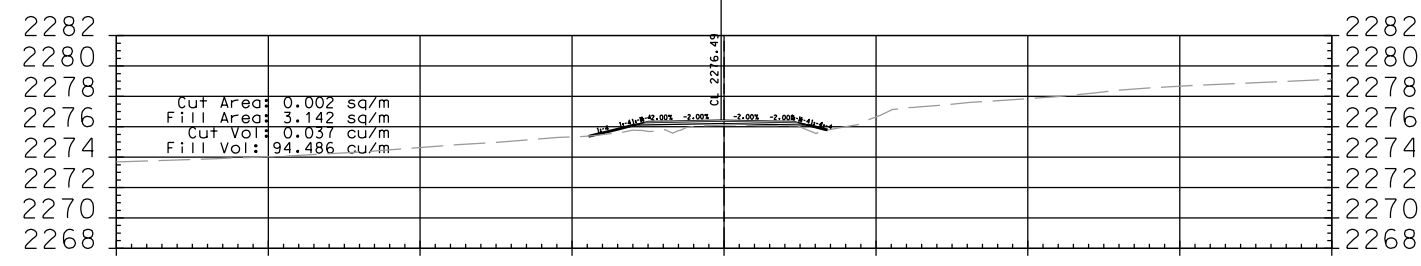




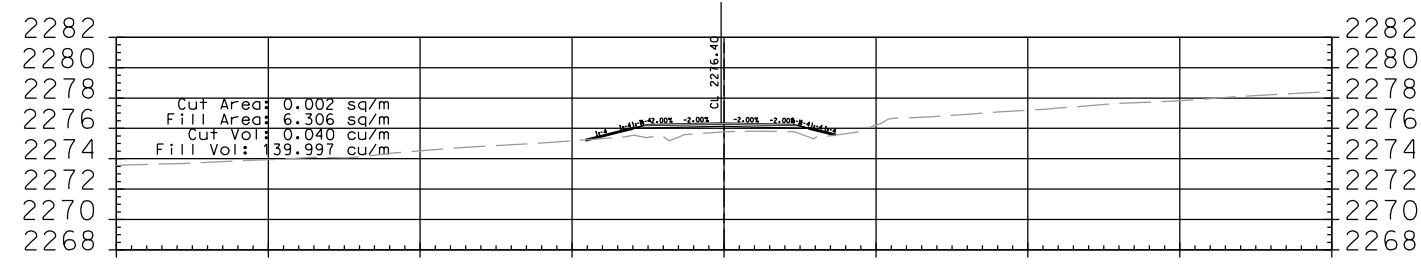
8+140.000



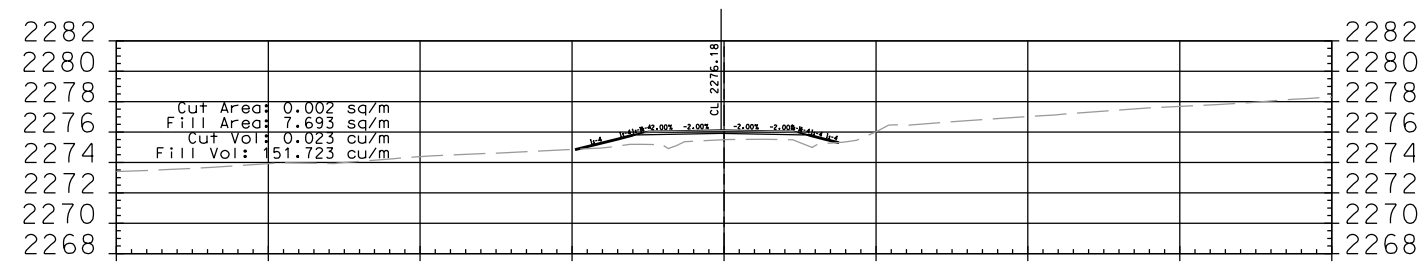
8+120.000



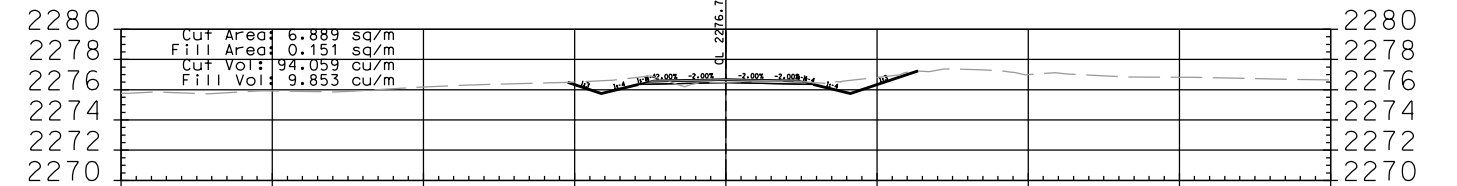
8+100.000



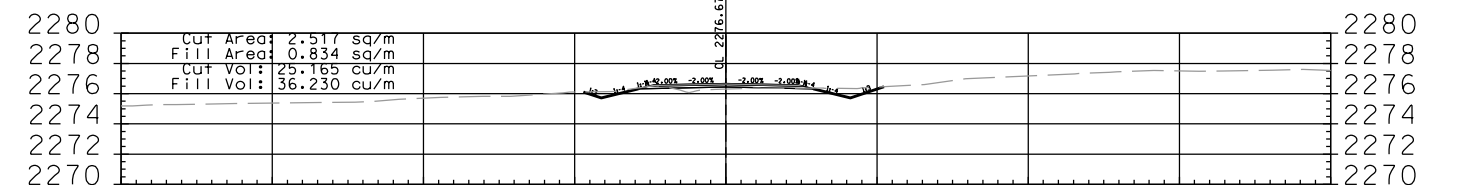
8+080.000



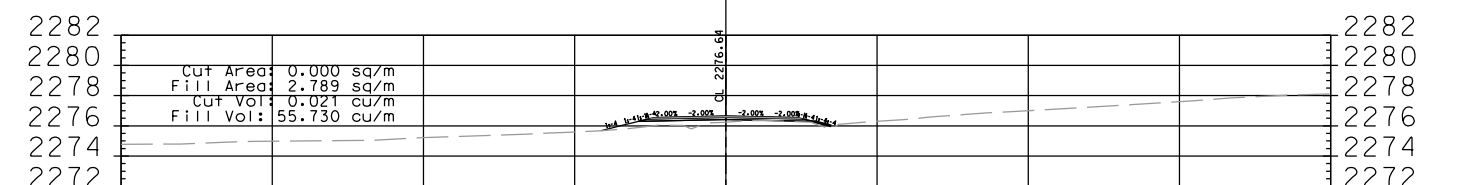
8+060.000



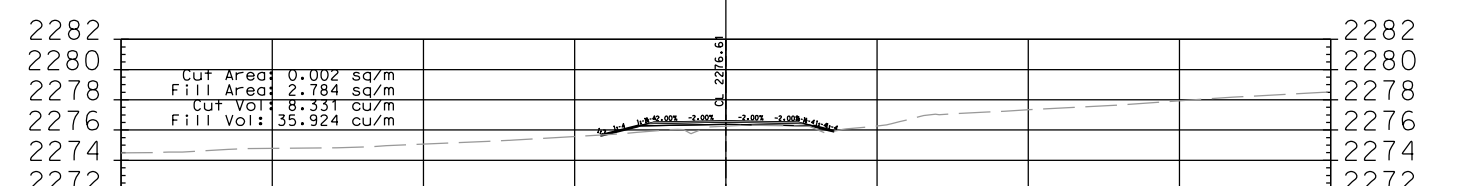
8+240.000



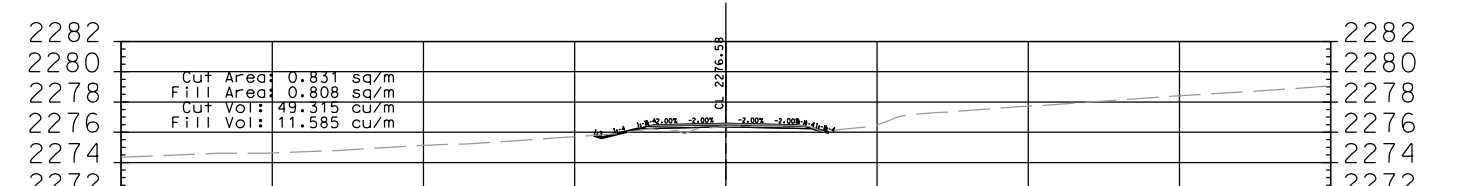
8+220.000



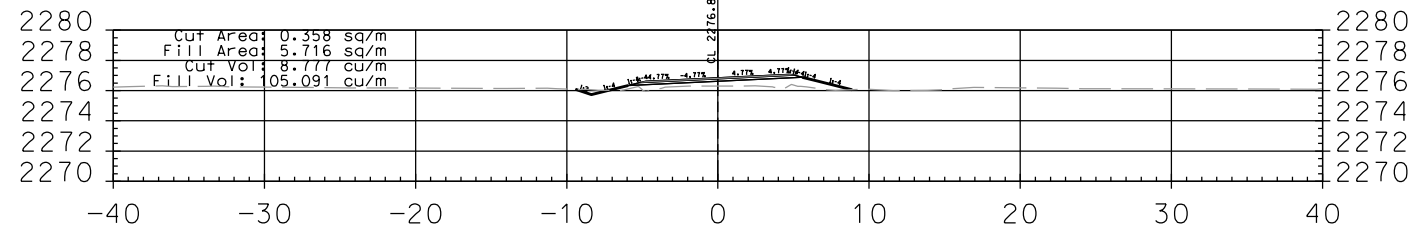
8+200.000



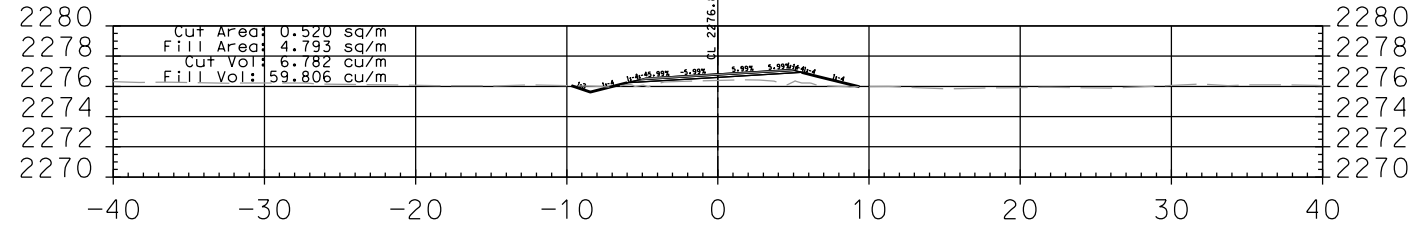
8+180.000



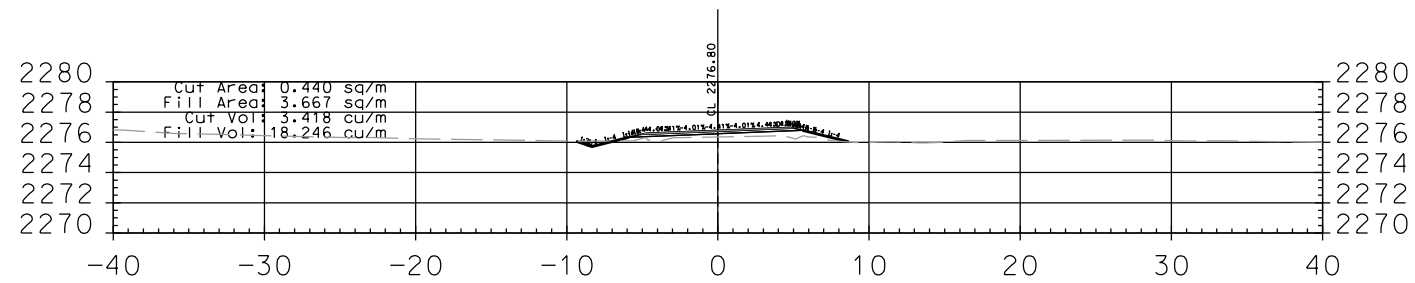
8+160.000



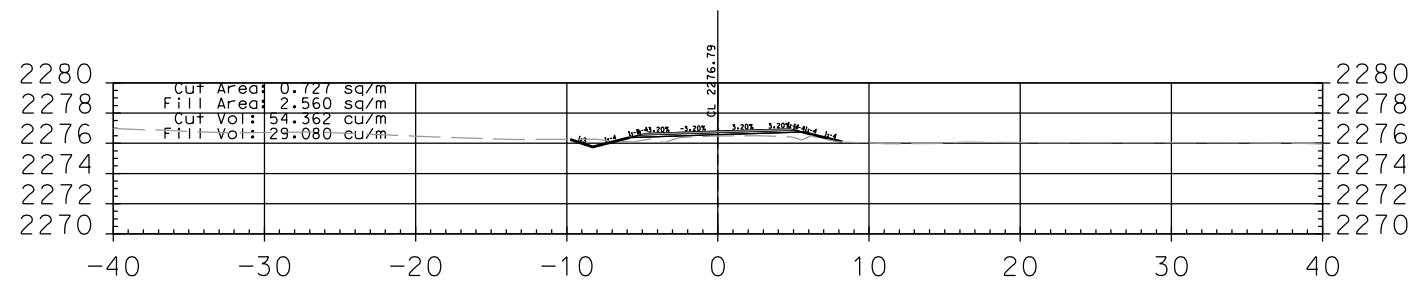
8+340.000



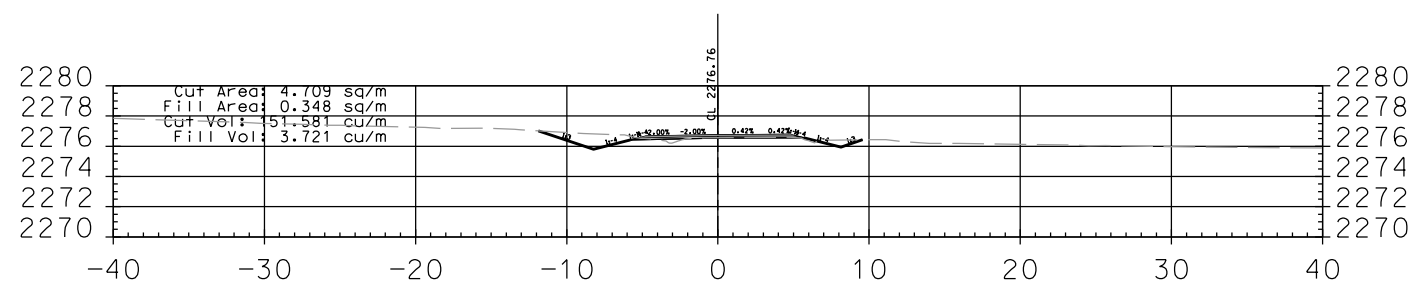
8+320.000



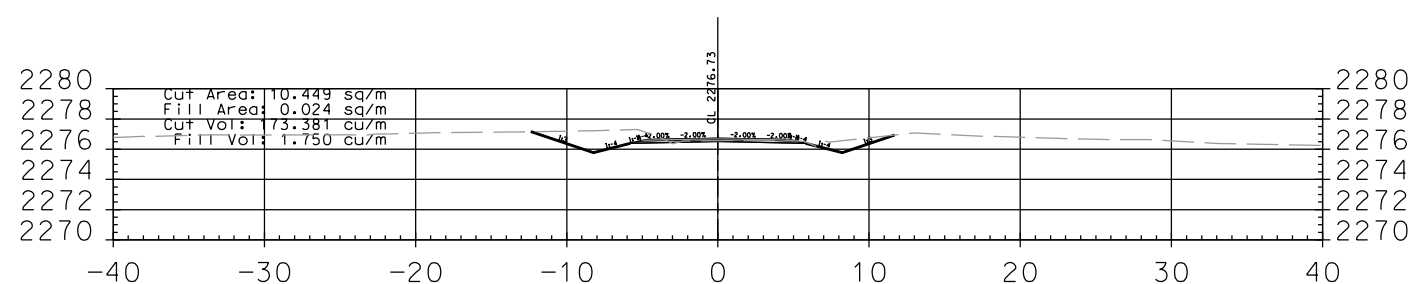
8+305.861



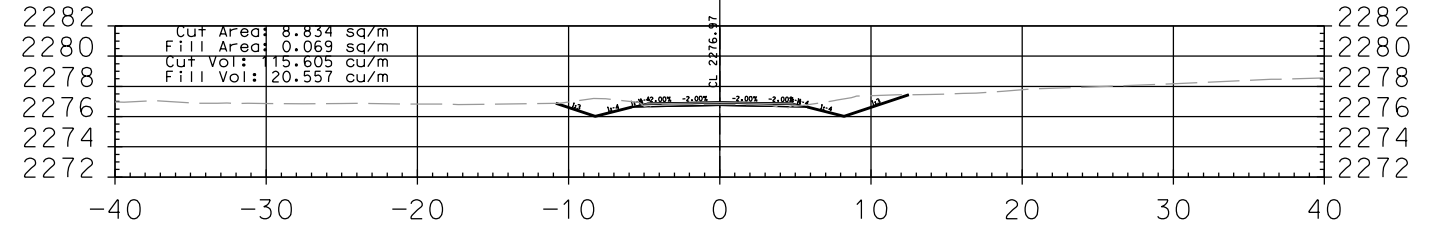
8+300.000



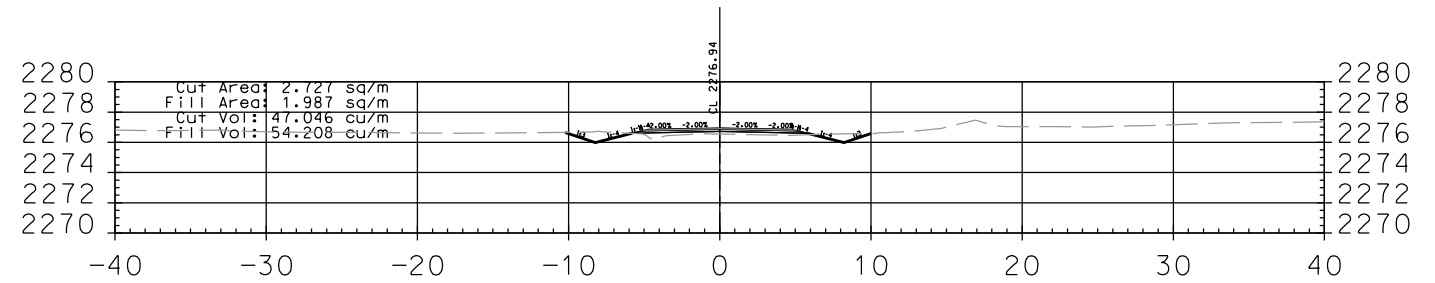
8+280.000



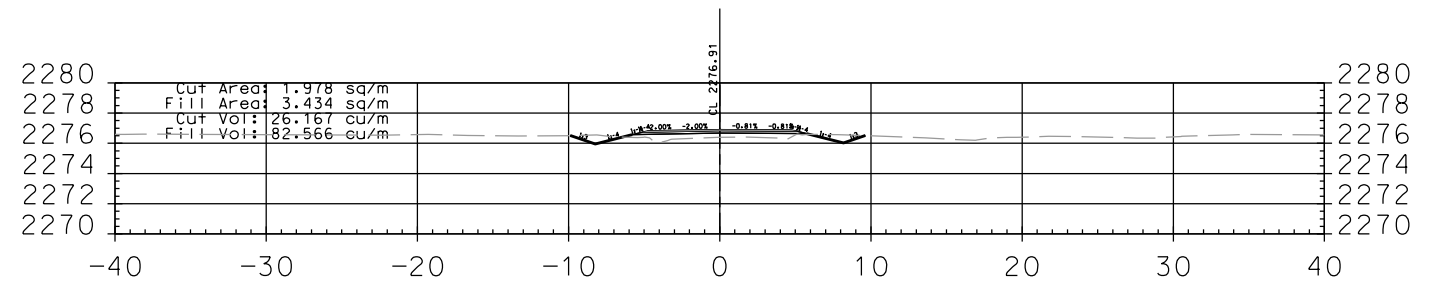
8+260.000



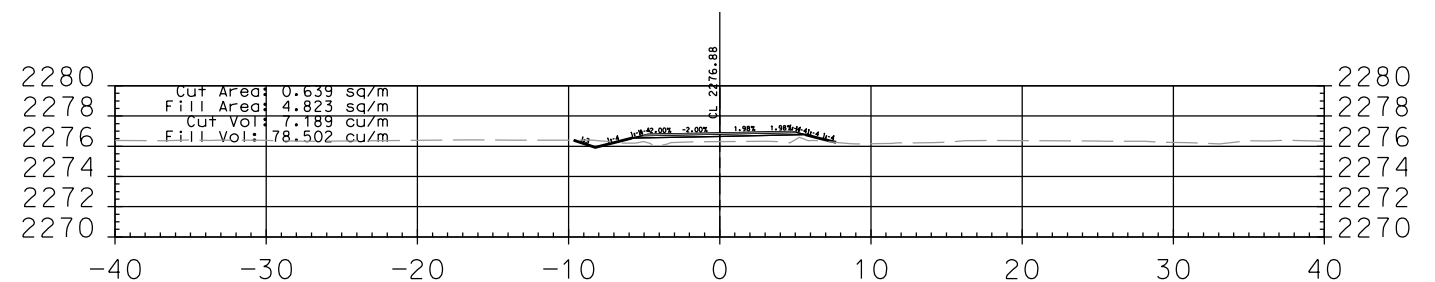
8+420.000



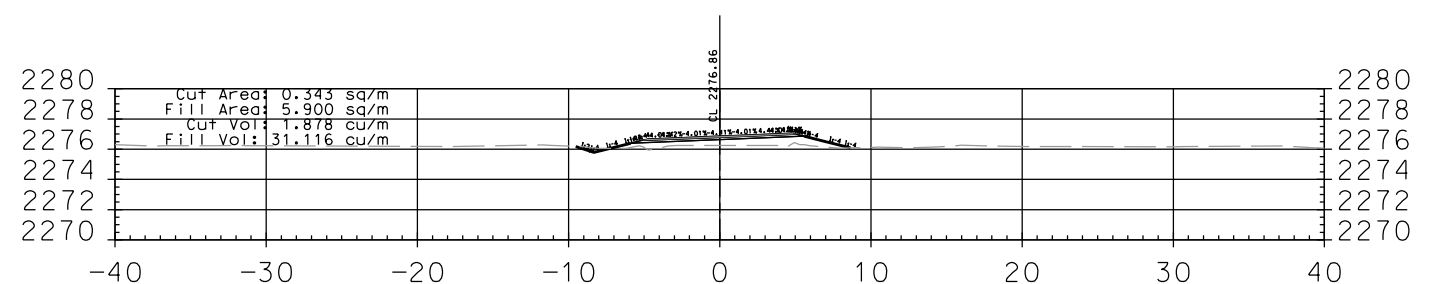
8+400.000



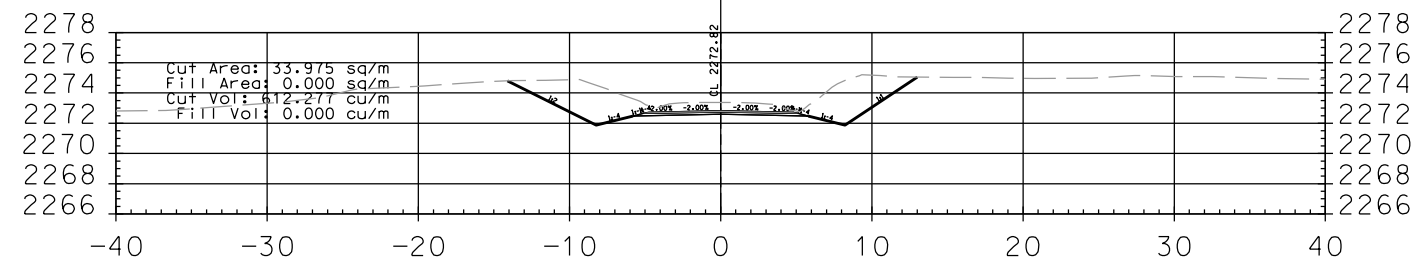
8+380.000



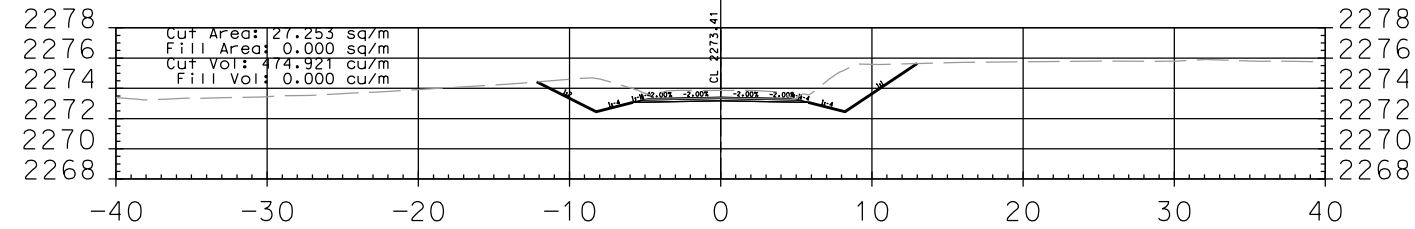
8+360.000



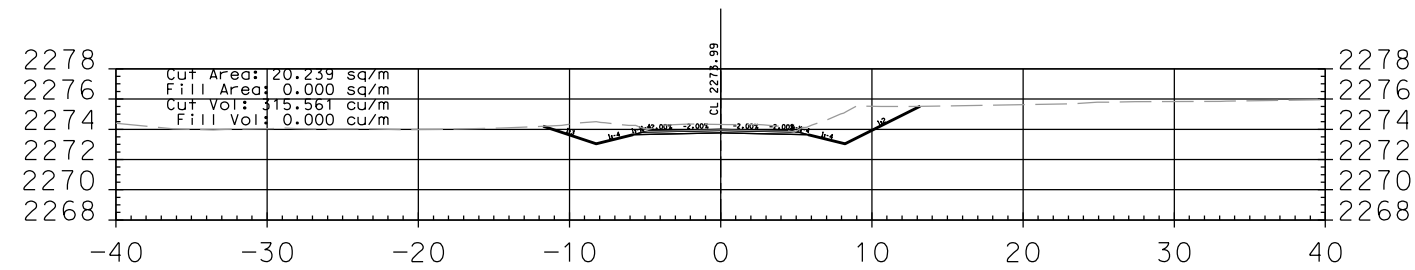
8+345.357



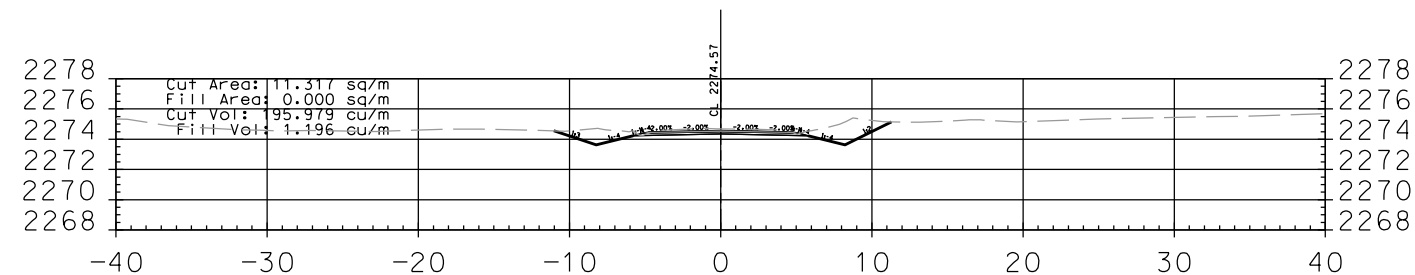
8+720.000



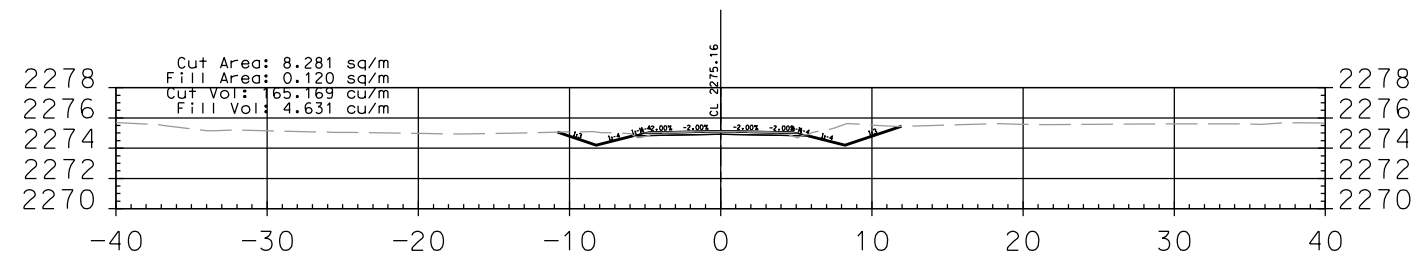
8+700.000



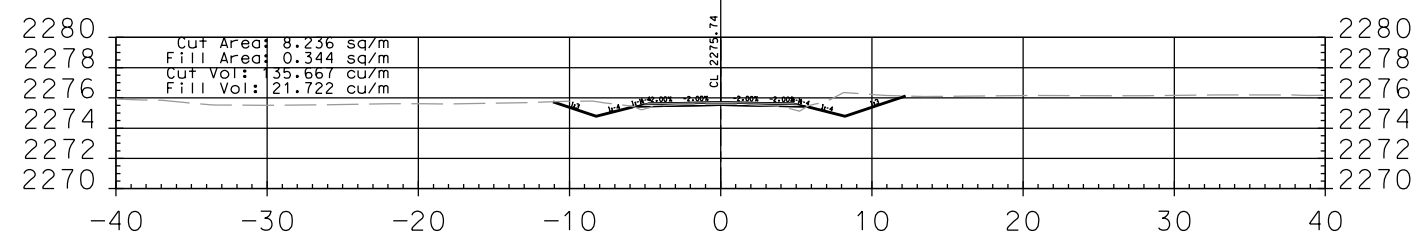
8+680.000



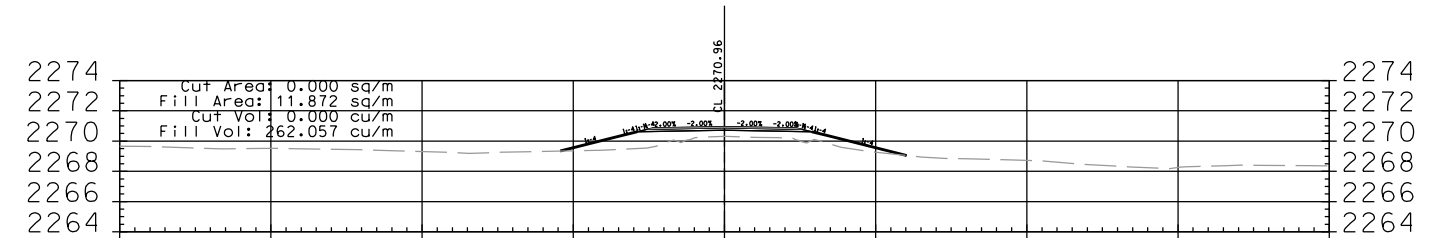
8+660.000



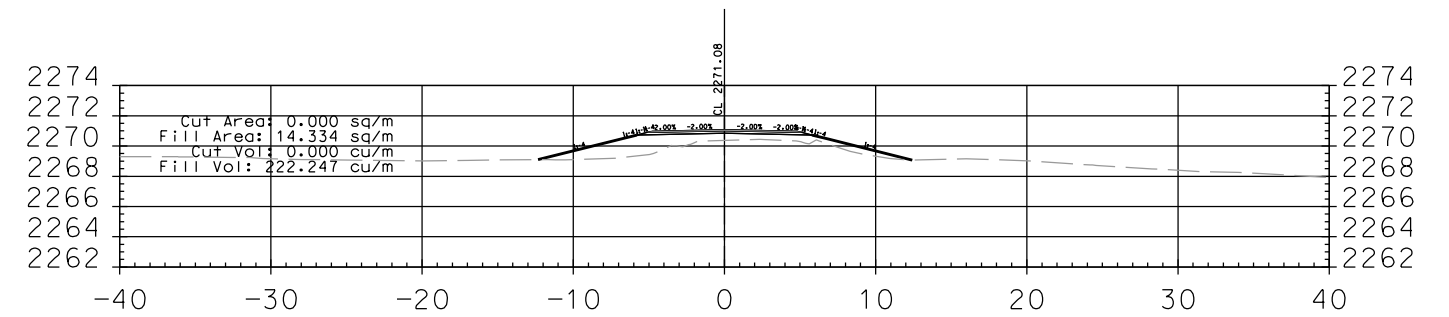
8+640.000



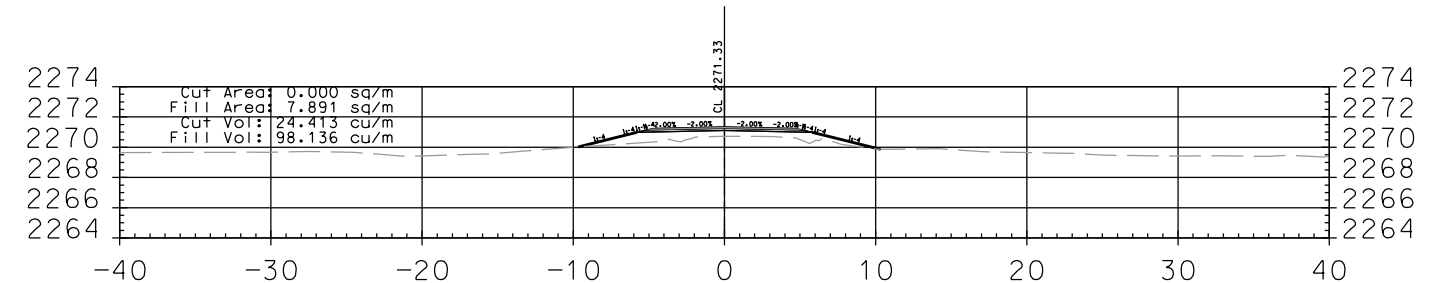
8+620.000



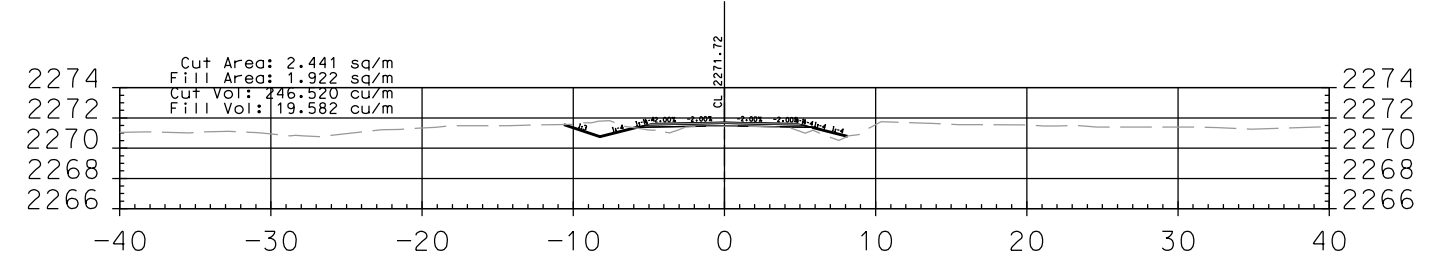
8+820.000



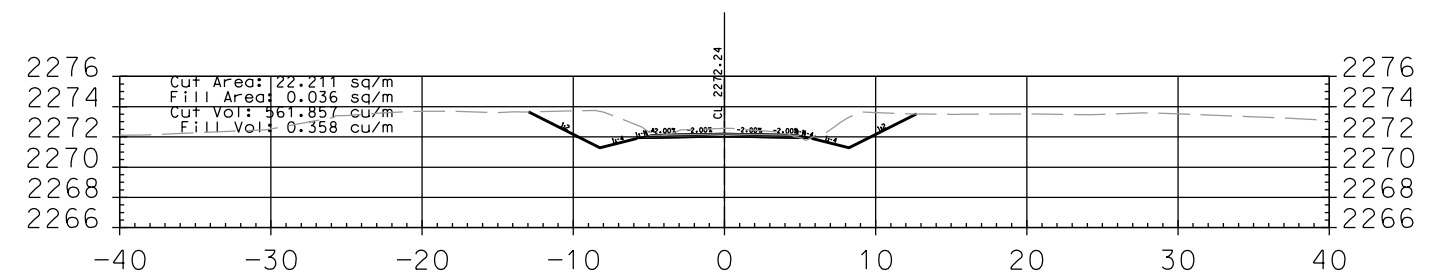
8+800.000



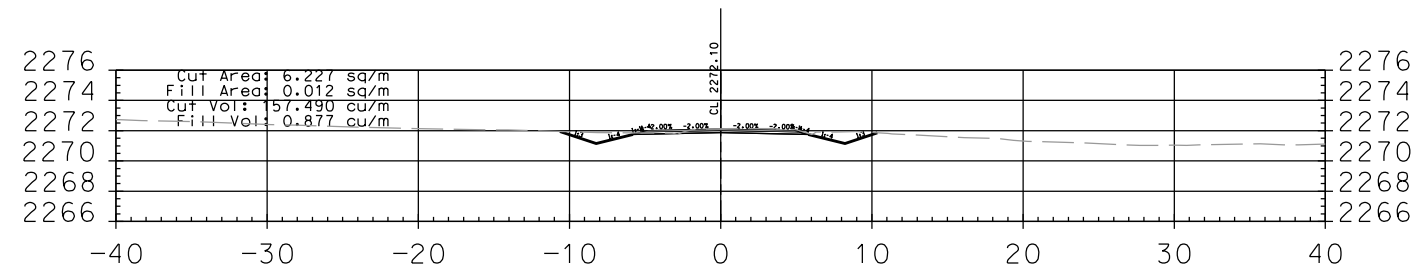
8+780.000



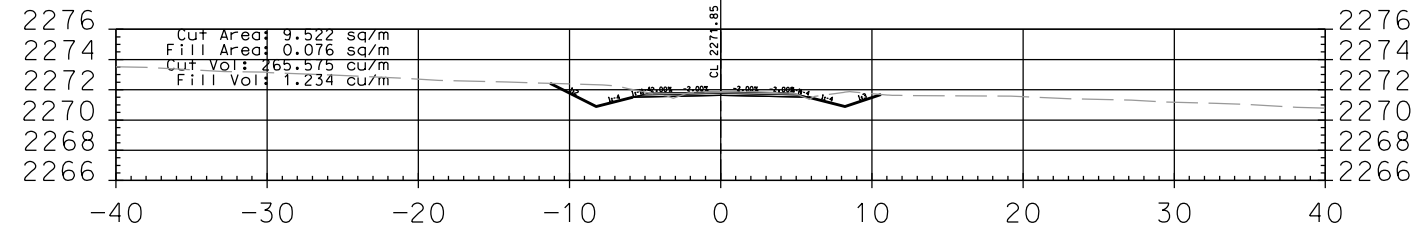
8+760.000



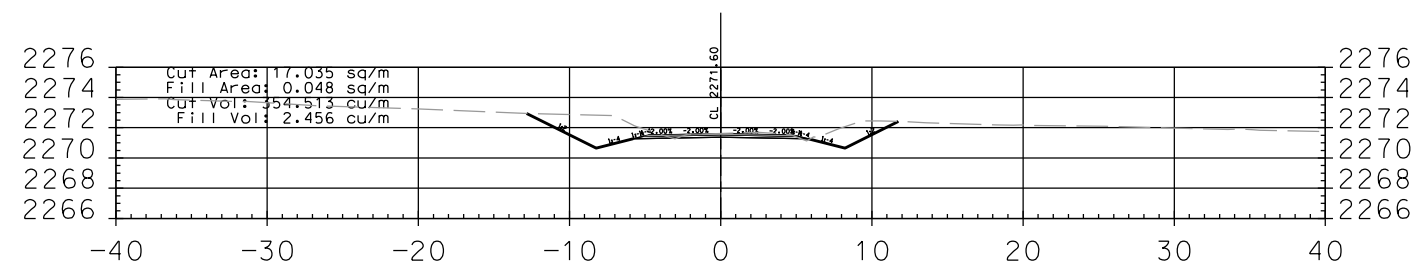
8+740.000



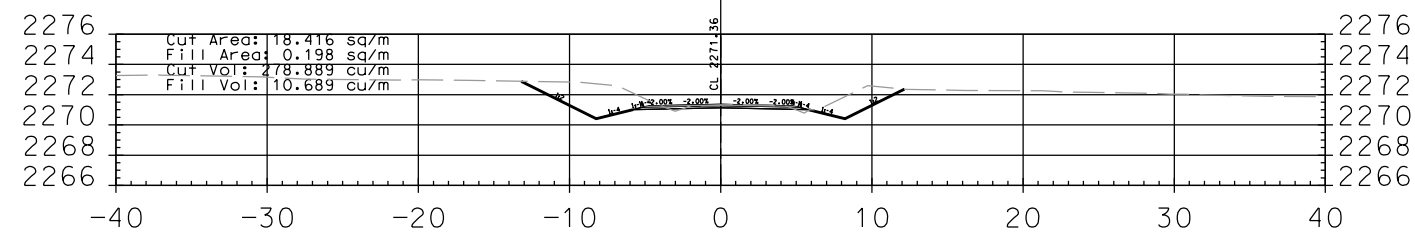
8+940.000



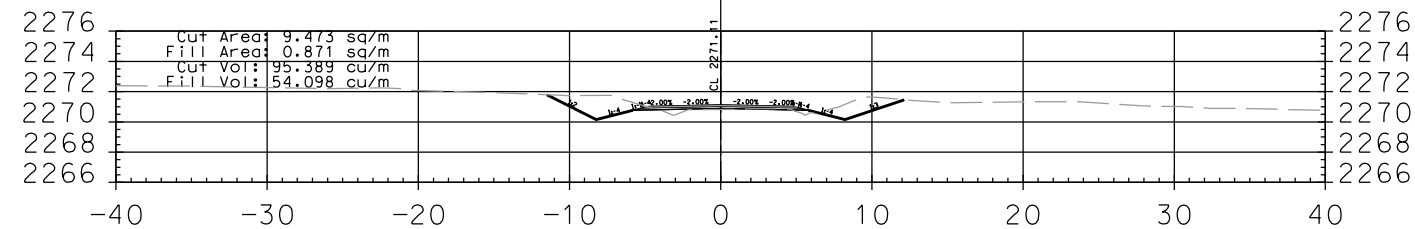
8+920.000



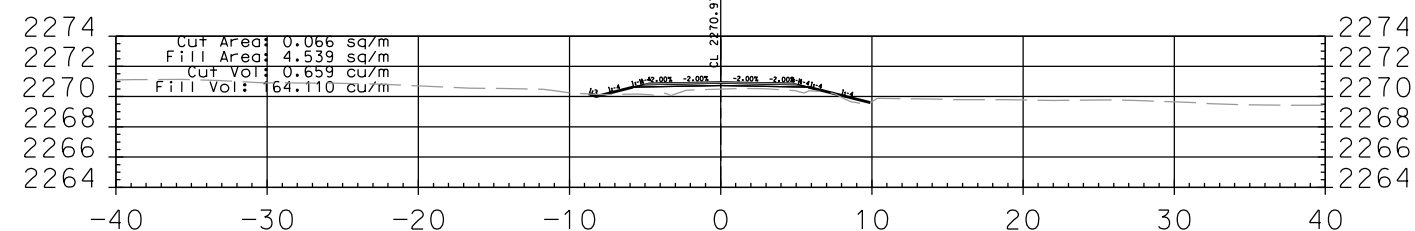
8+900.000



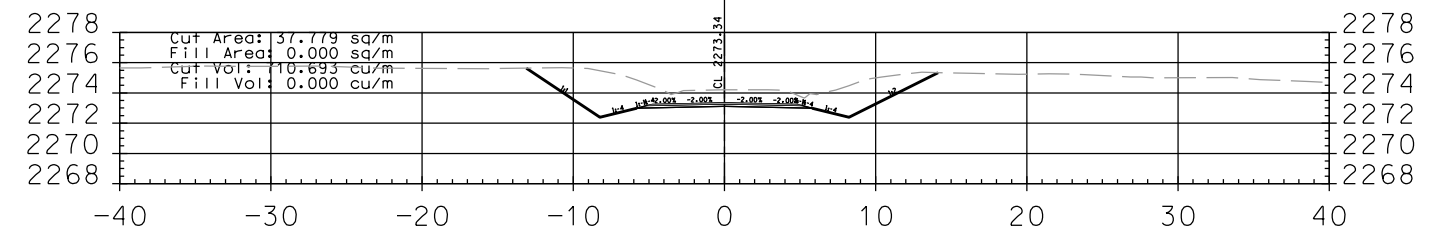
8+880.000



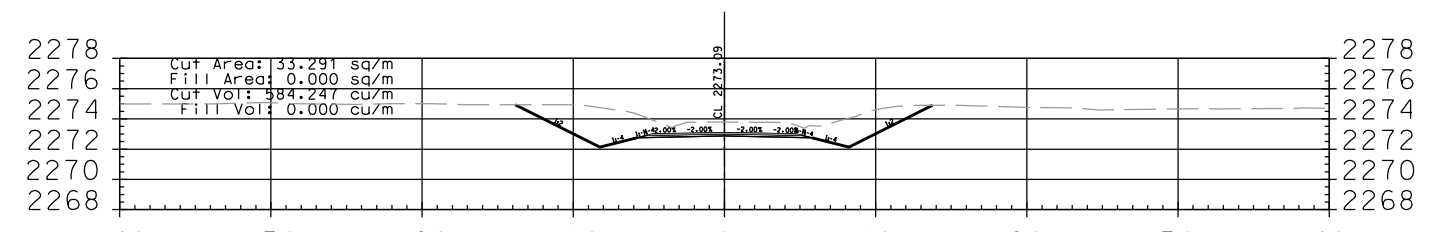
8+860.000



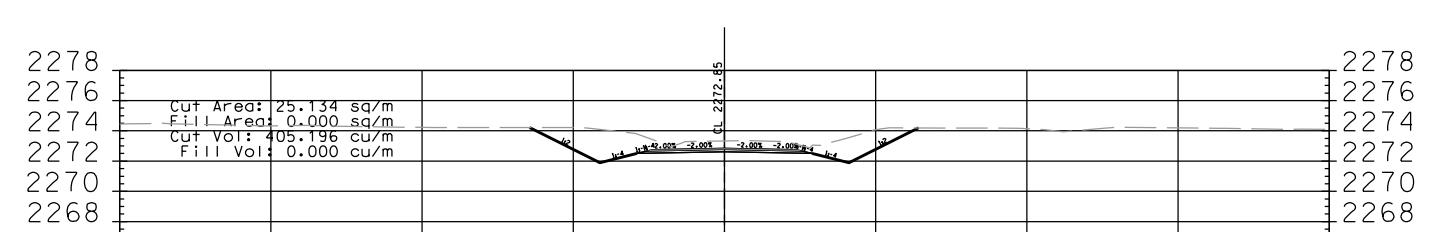
8+840.000



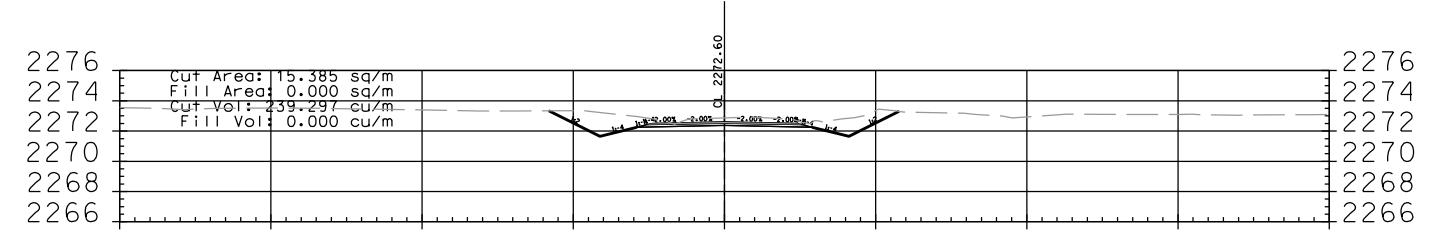
9+040.000



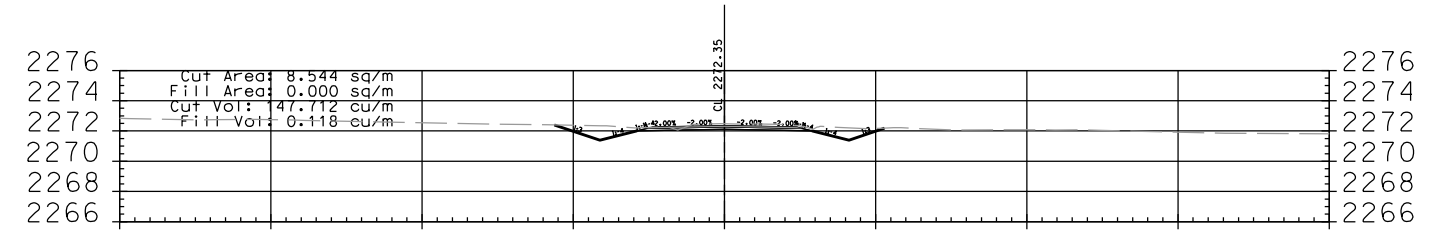
9+020.000



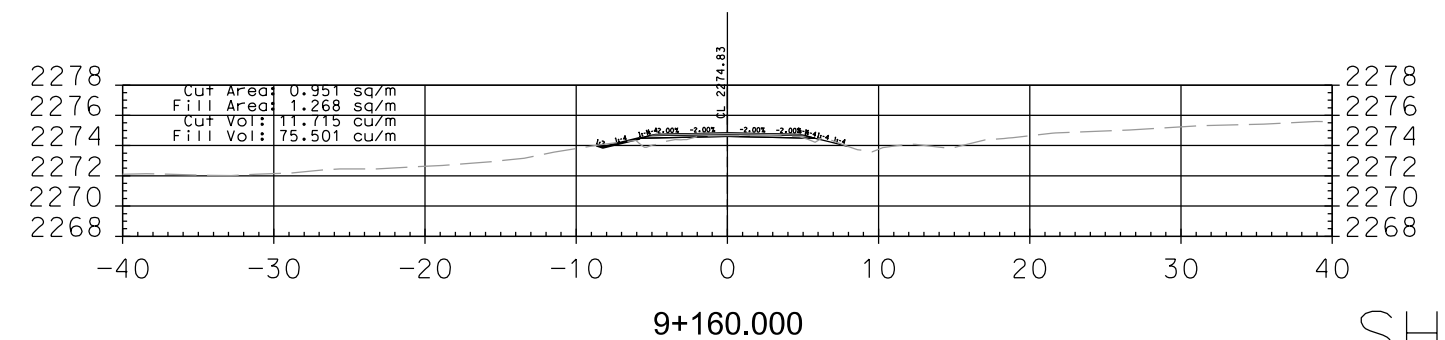
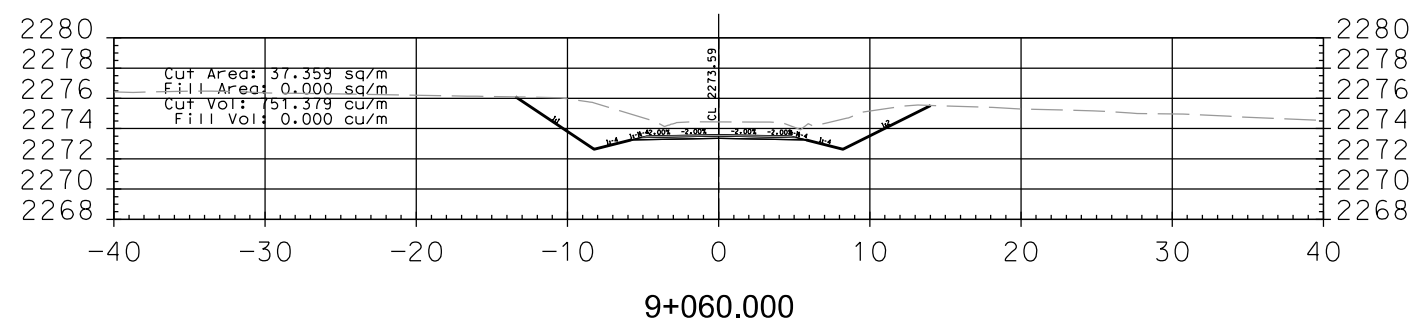
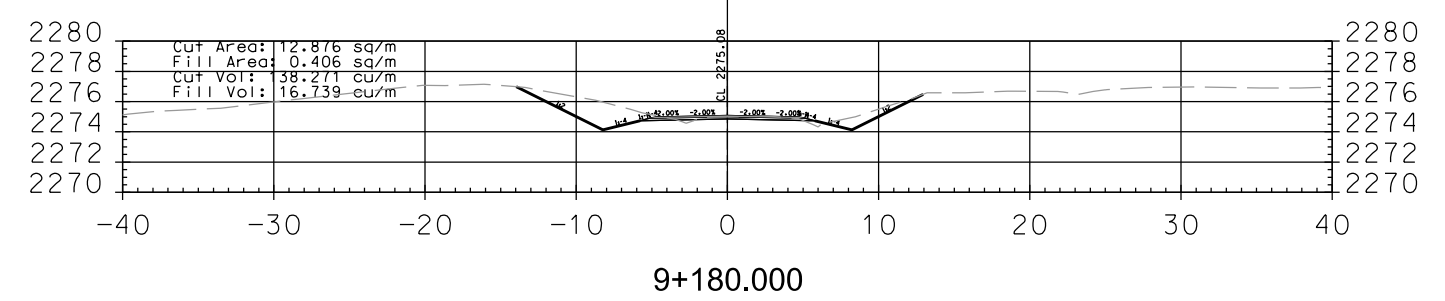
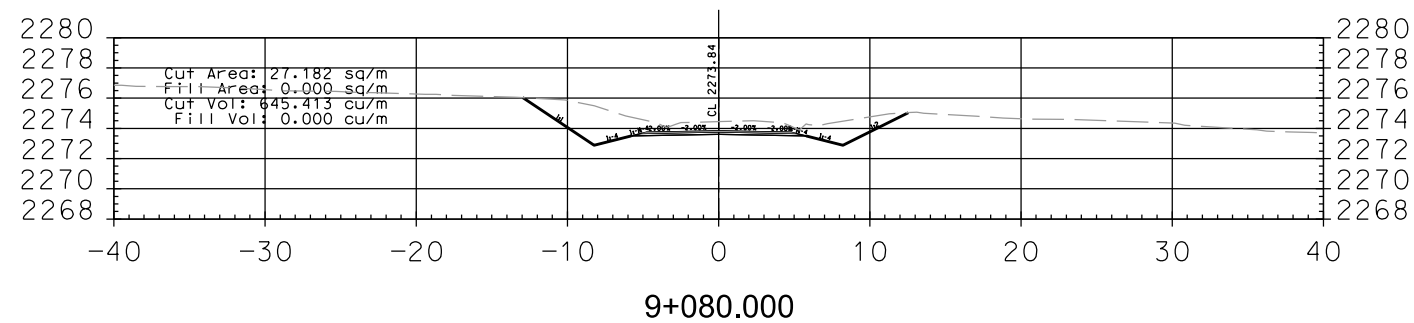
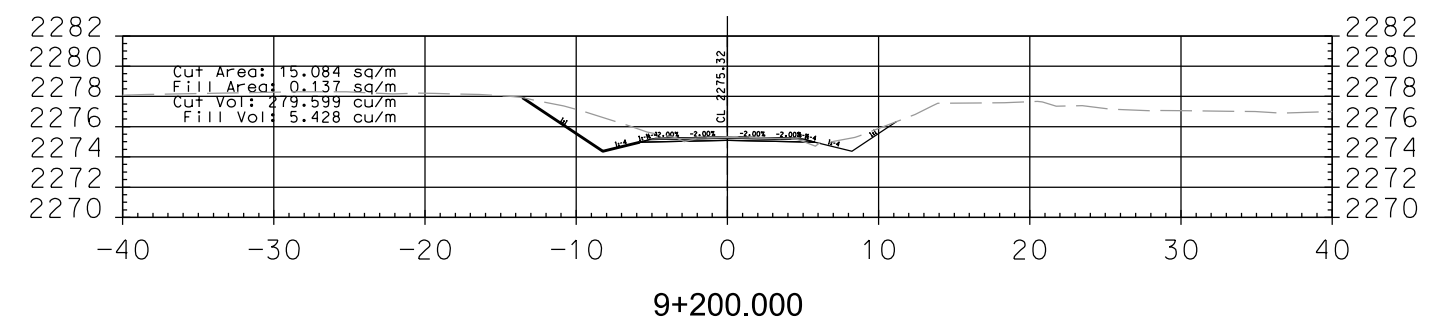
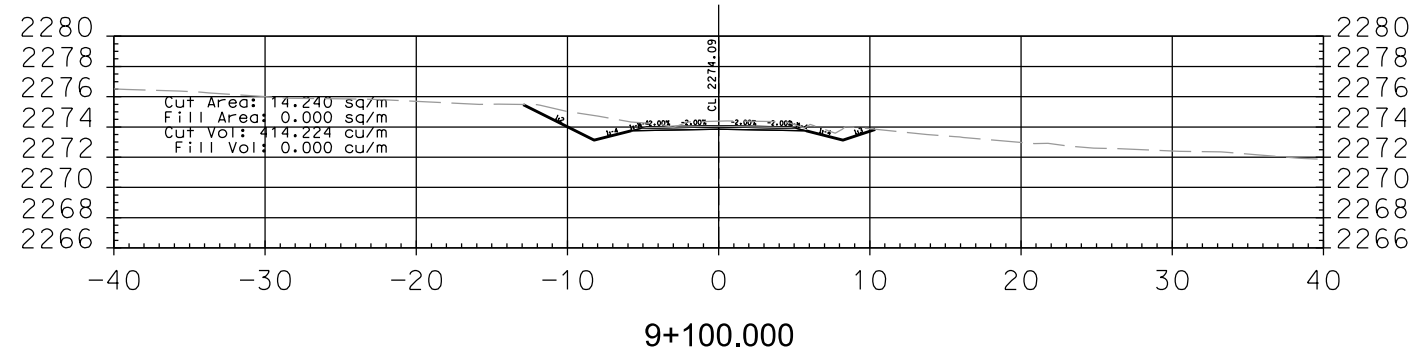
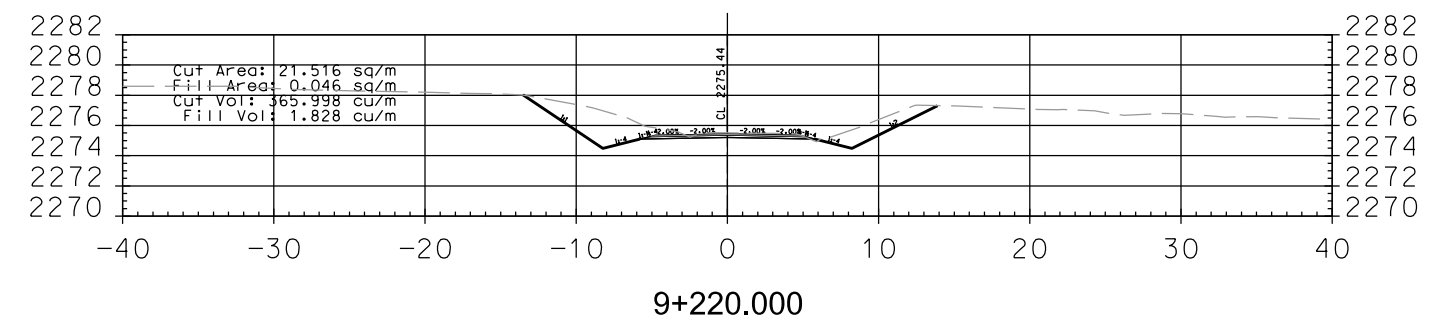
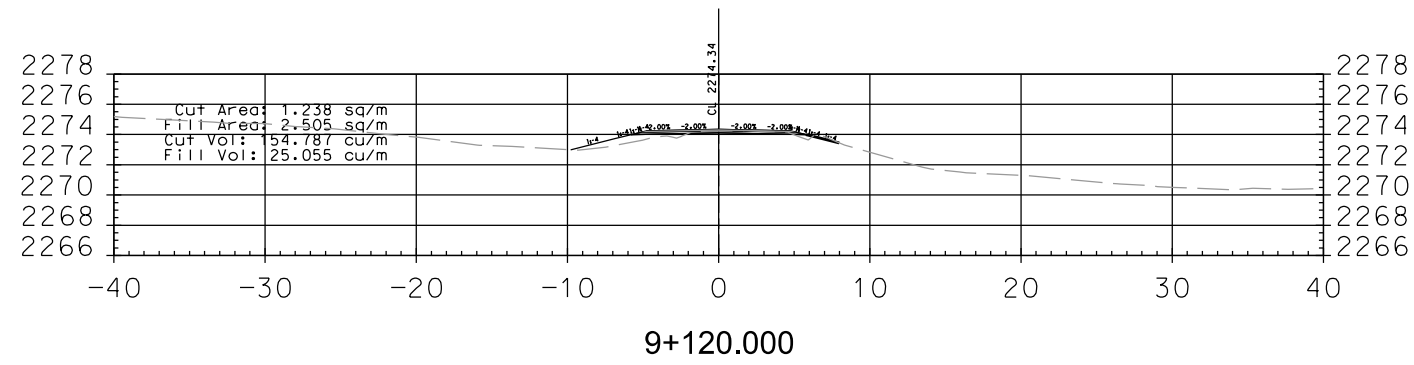
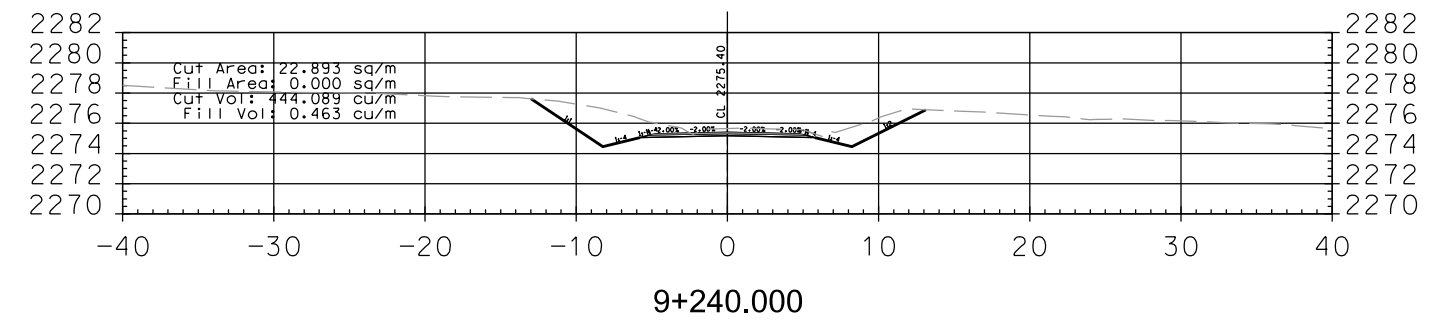
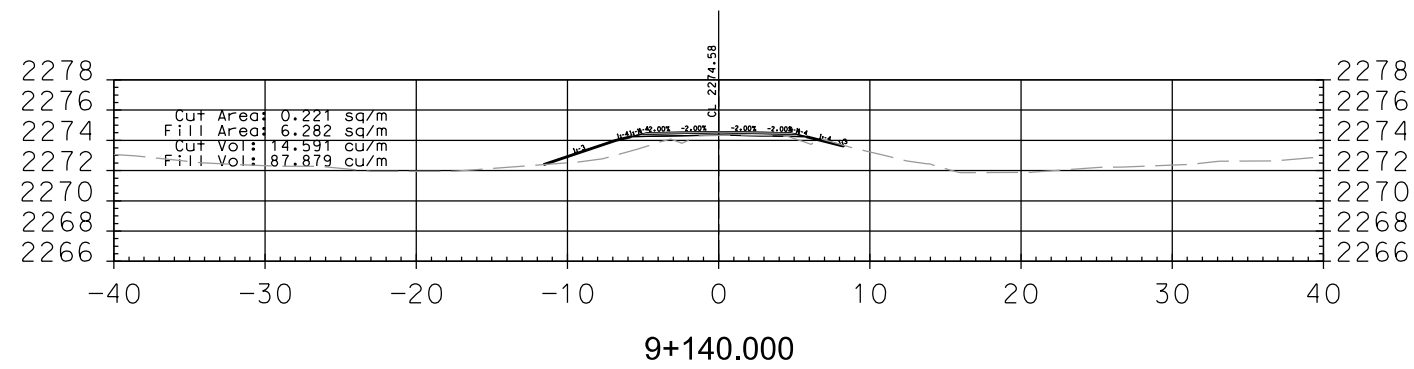
9+000.000

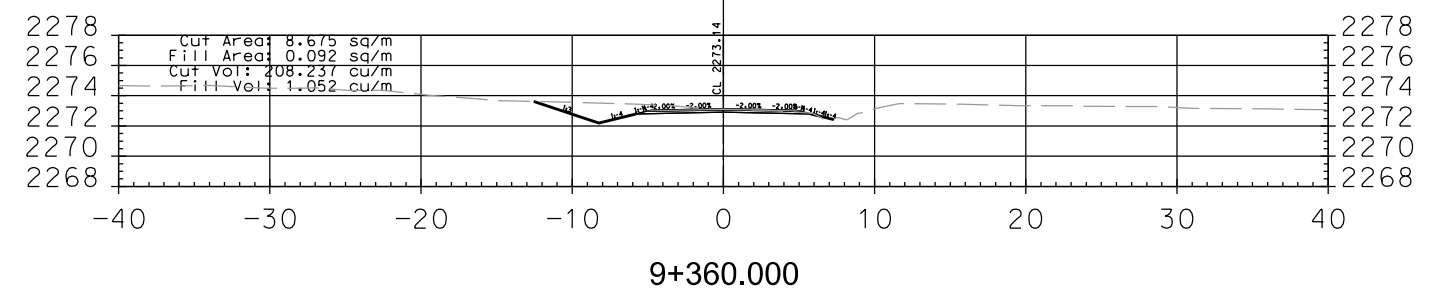
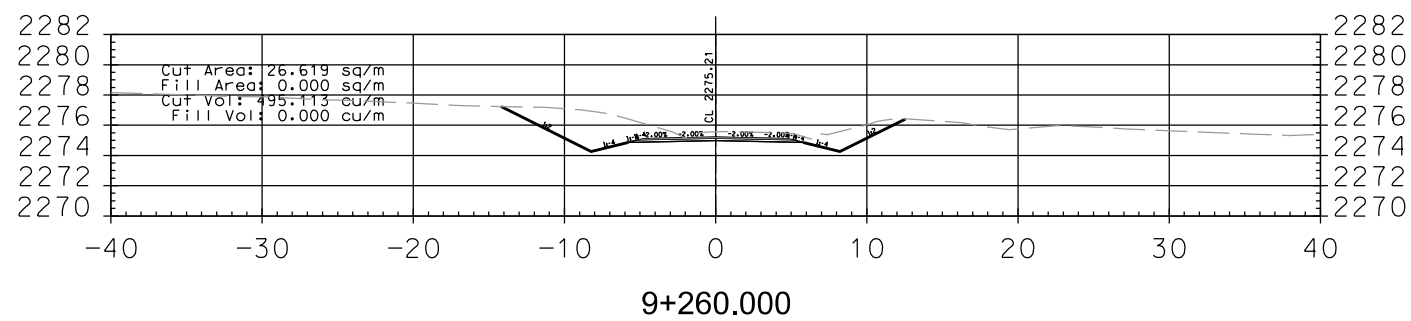
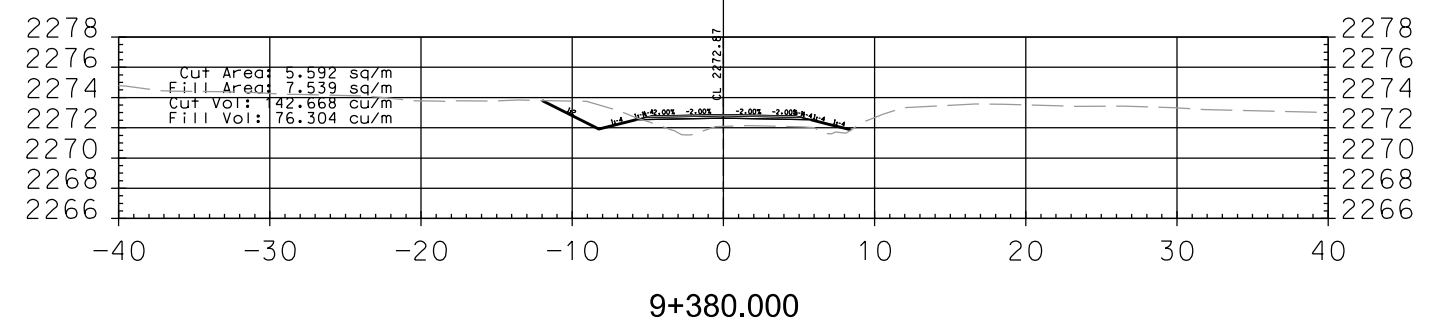
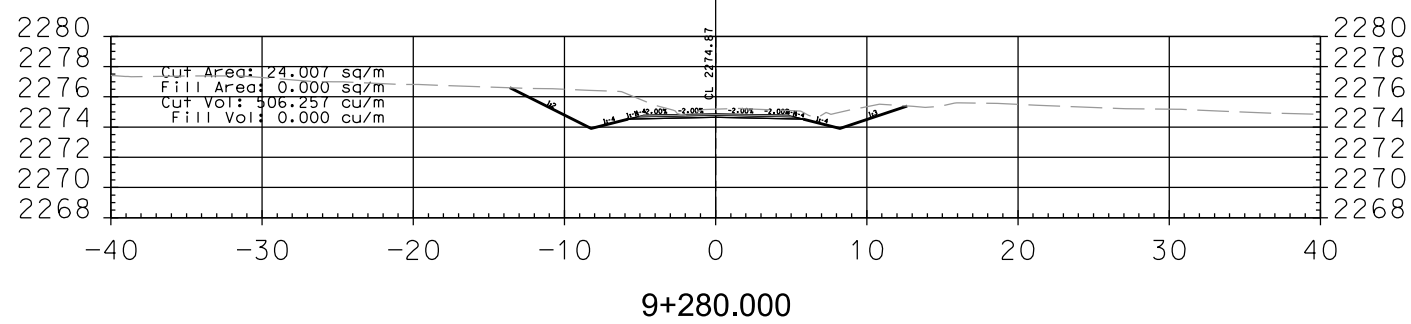
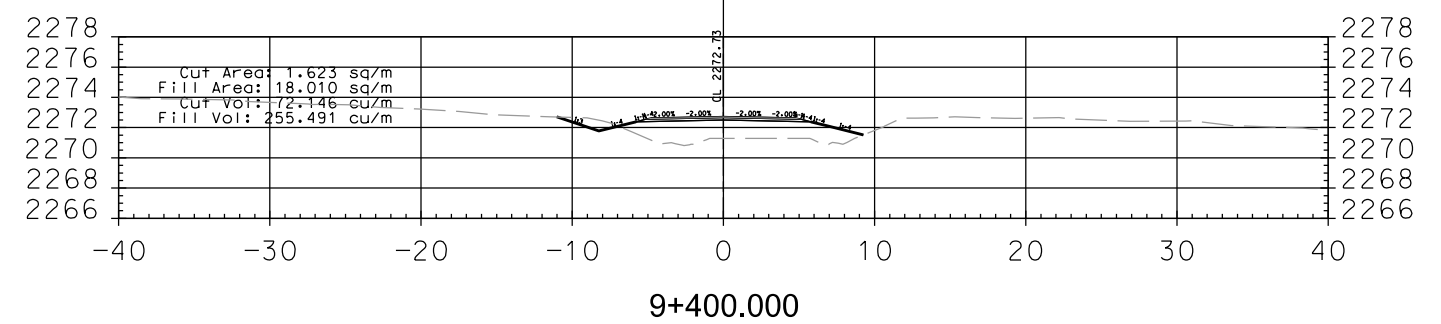
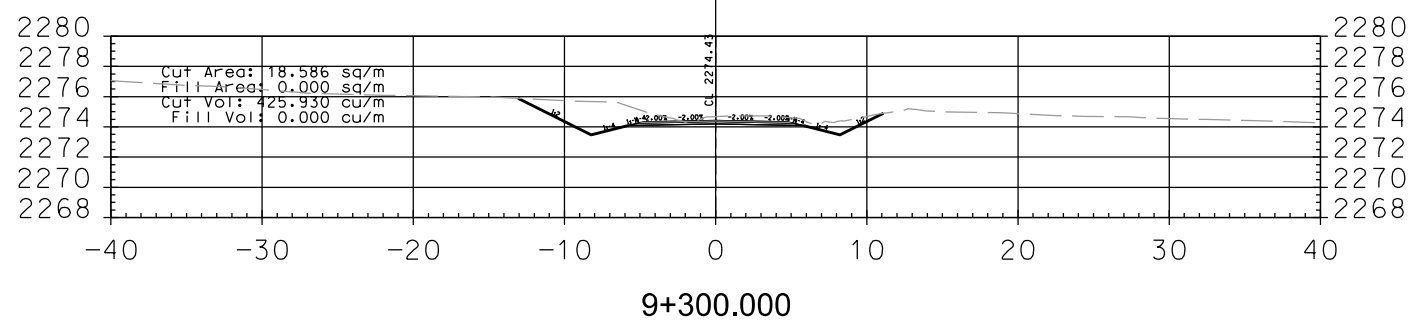
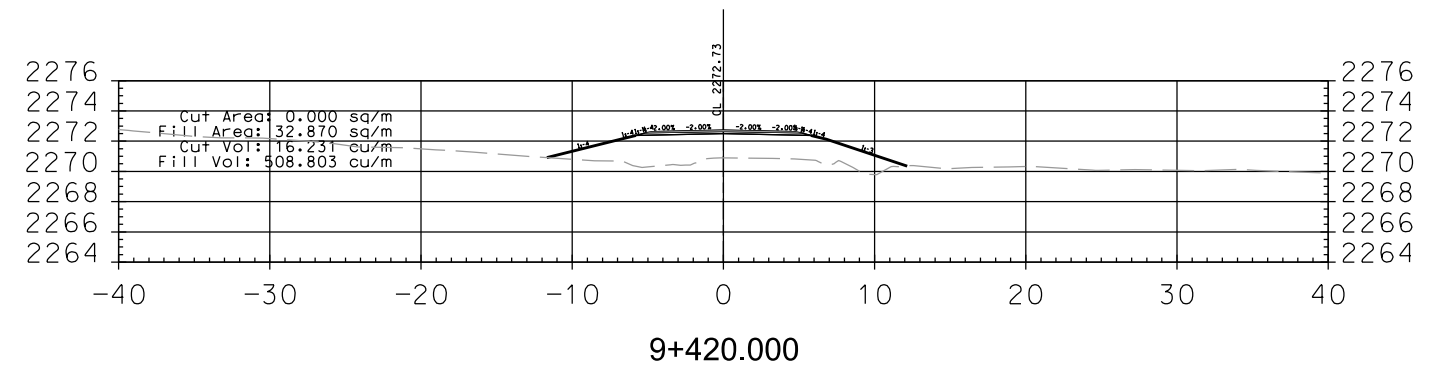
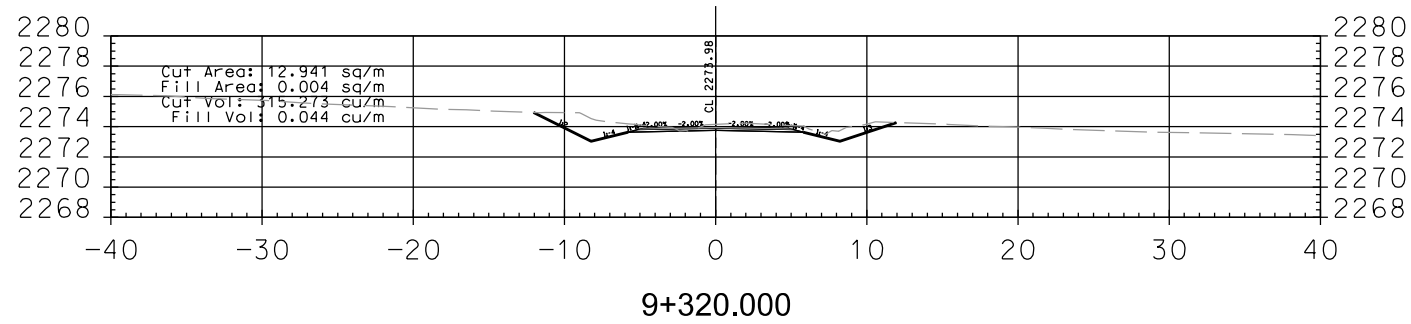
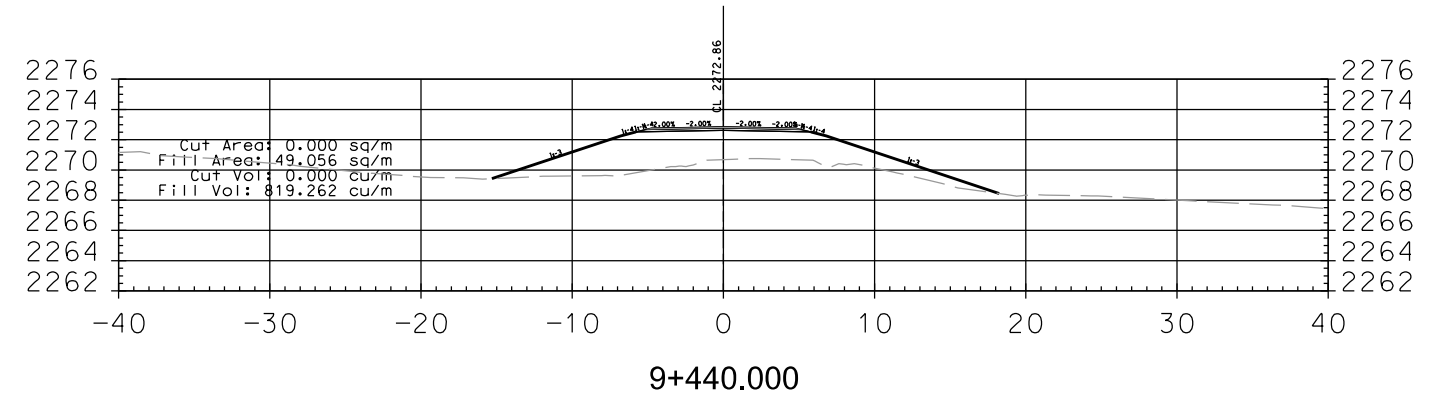
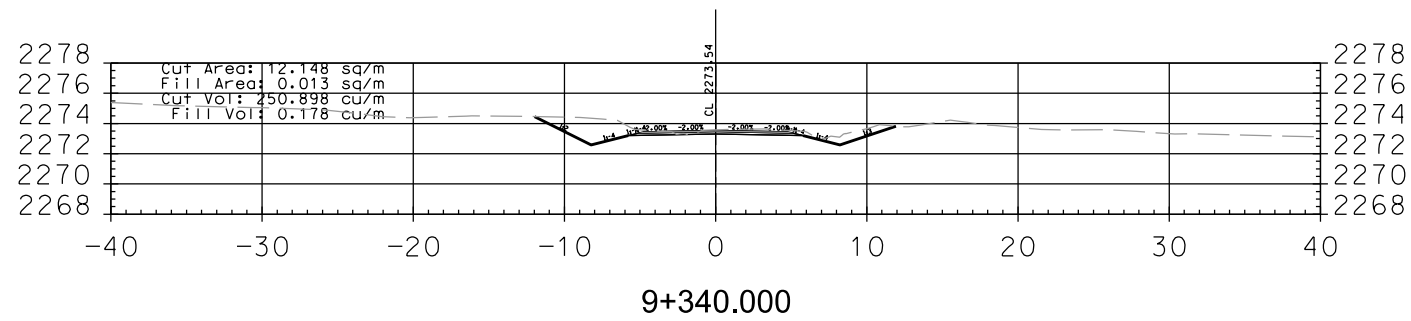


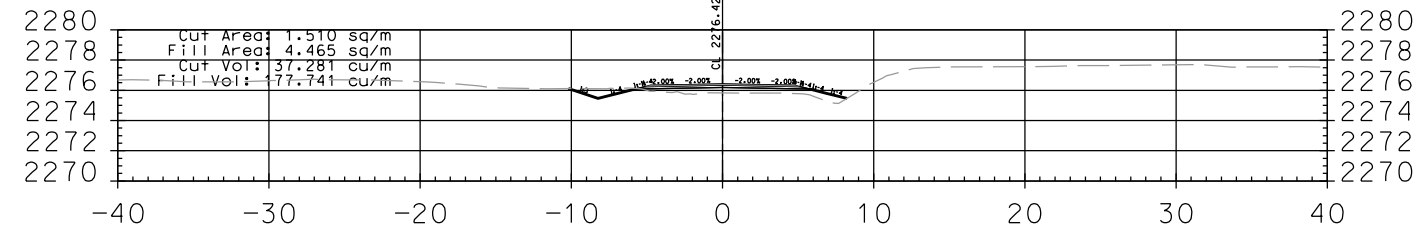
8+980.000



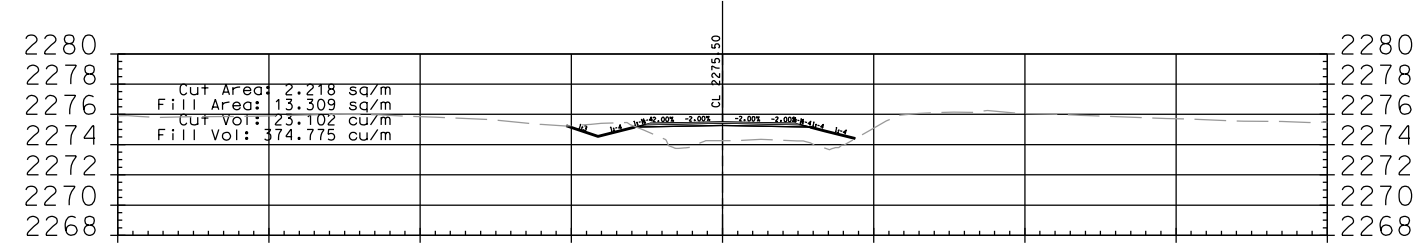
8+960.000



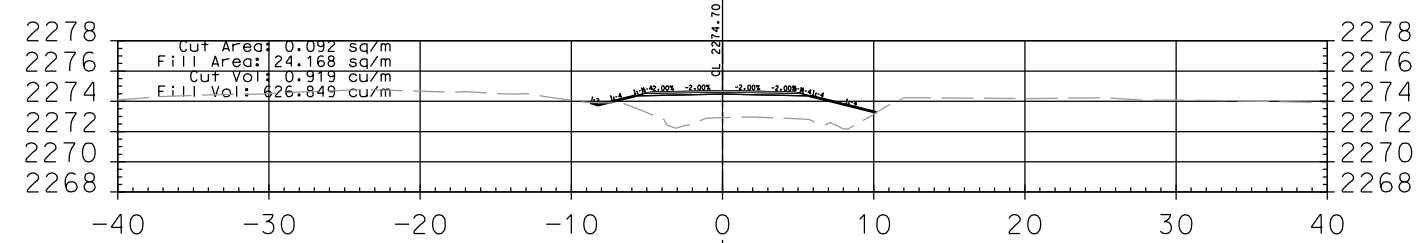




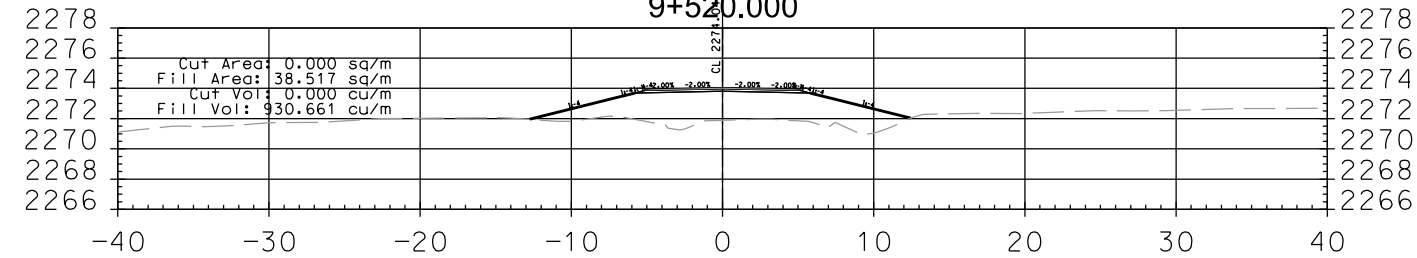
9+560.000



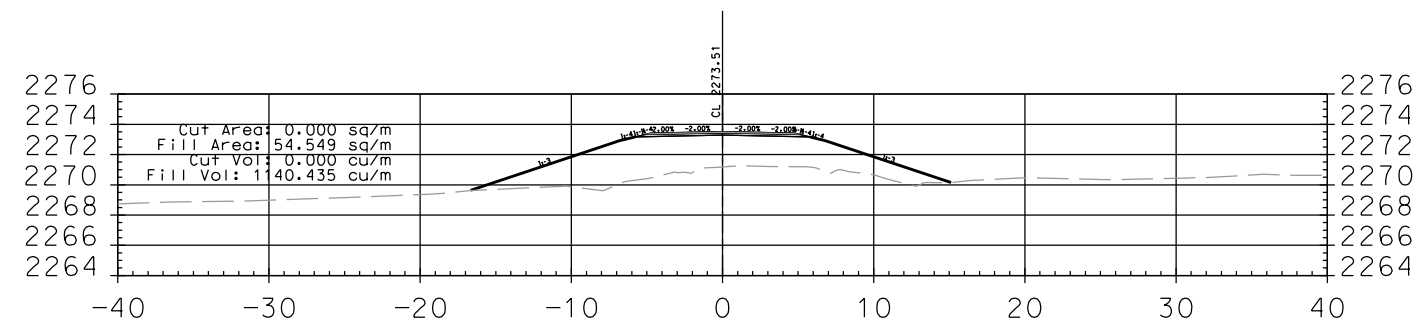
9+540.000



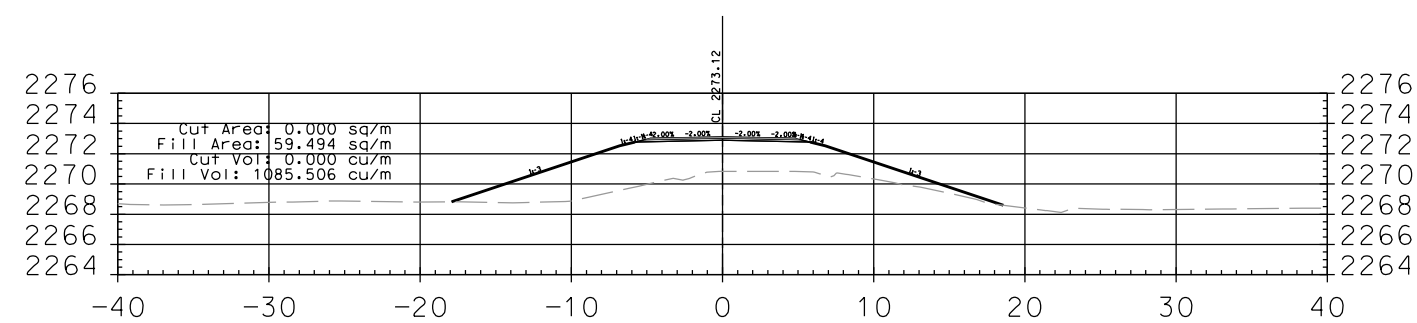
9+520.000



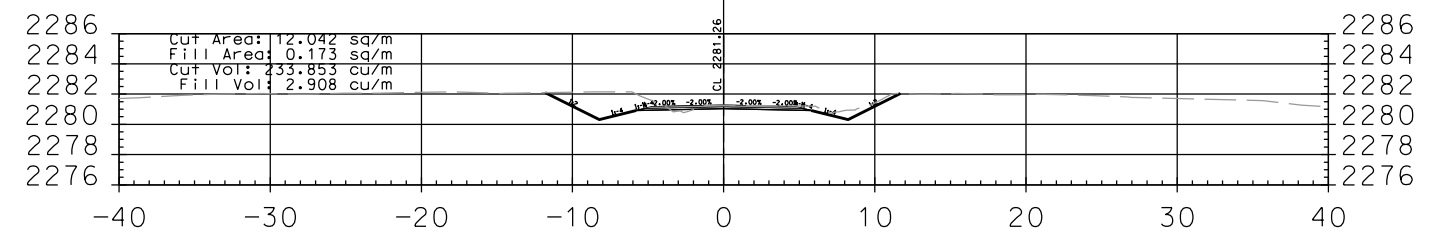
9+500.000



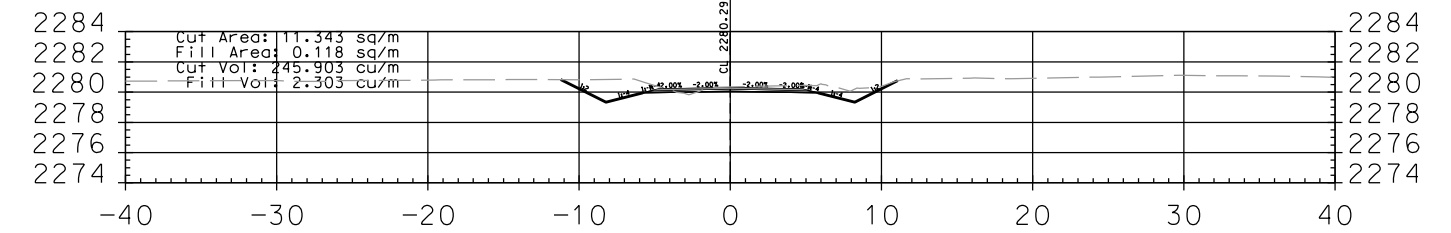
9+480.000



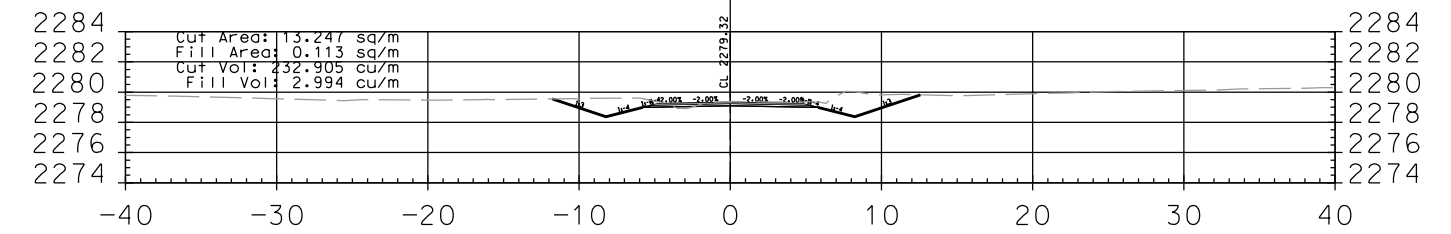
9+460.000



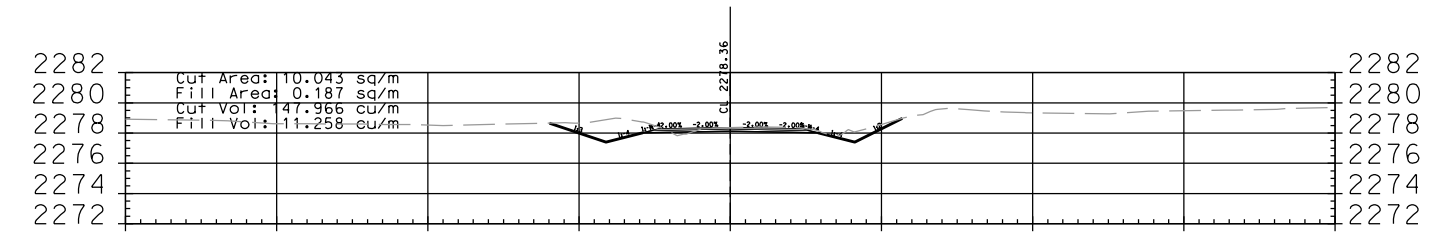
9+660.000



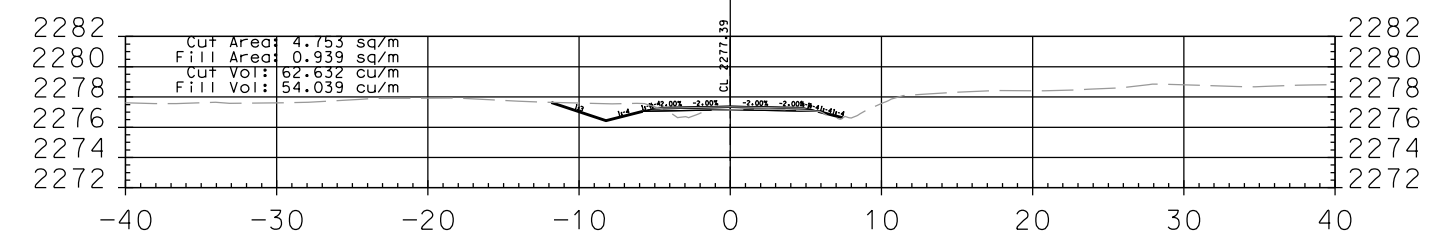
9+640.000



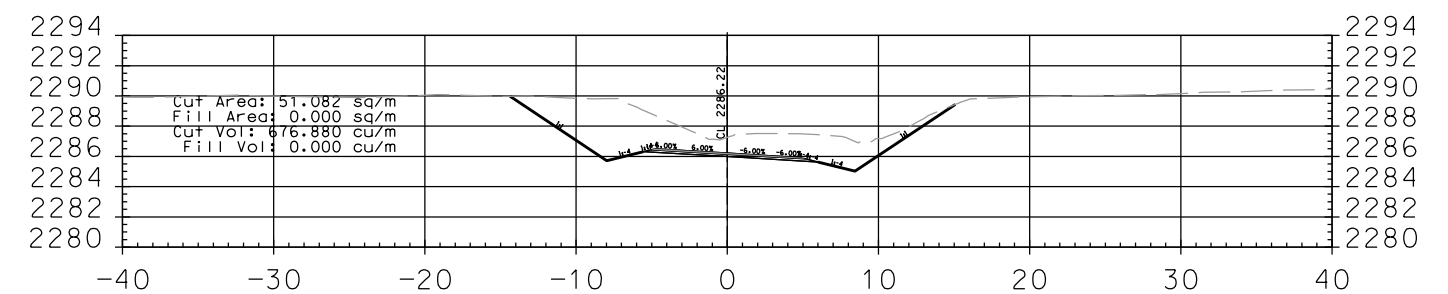
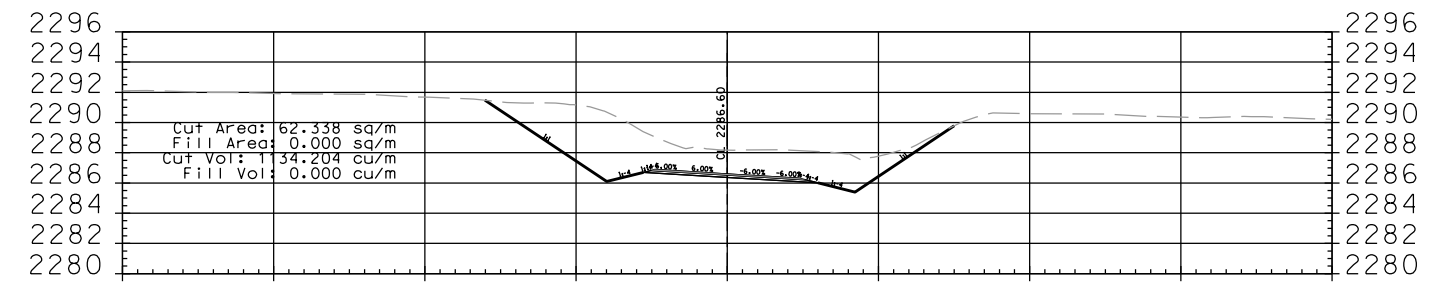
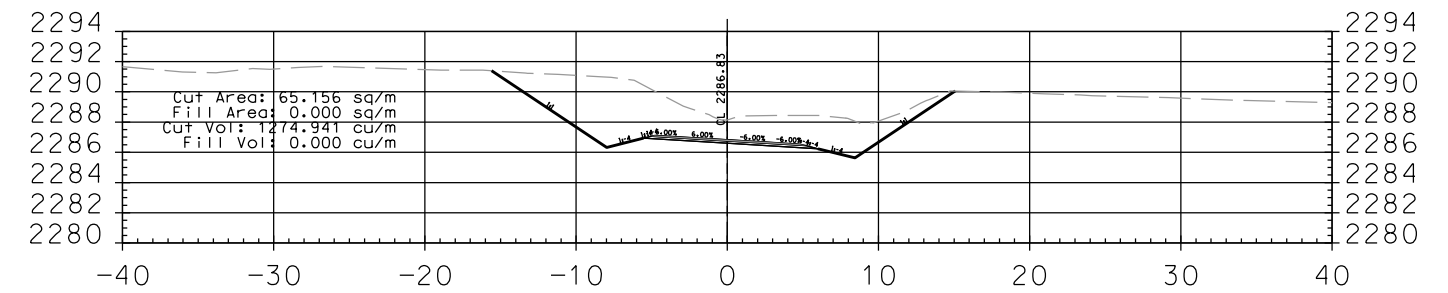
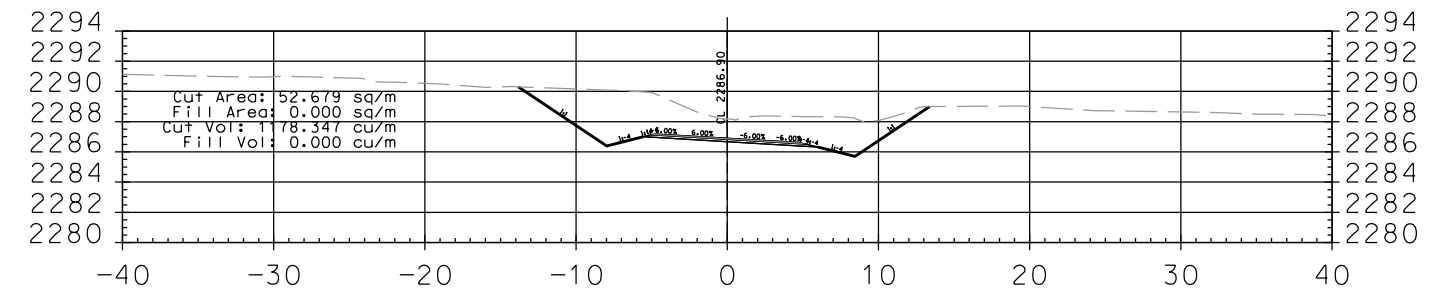
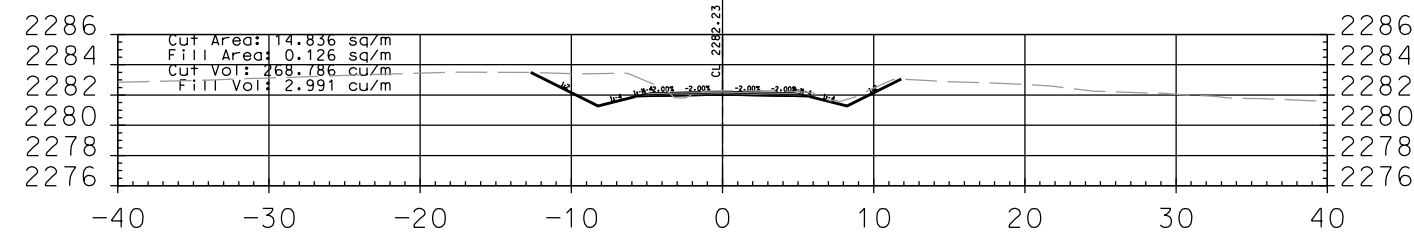
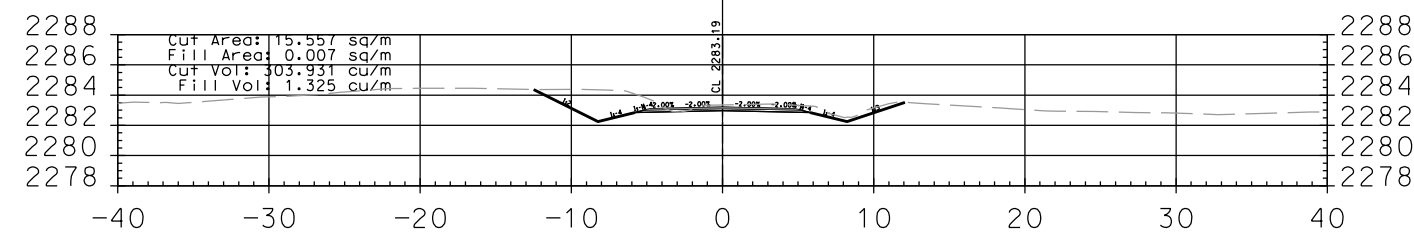
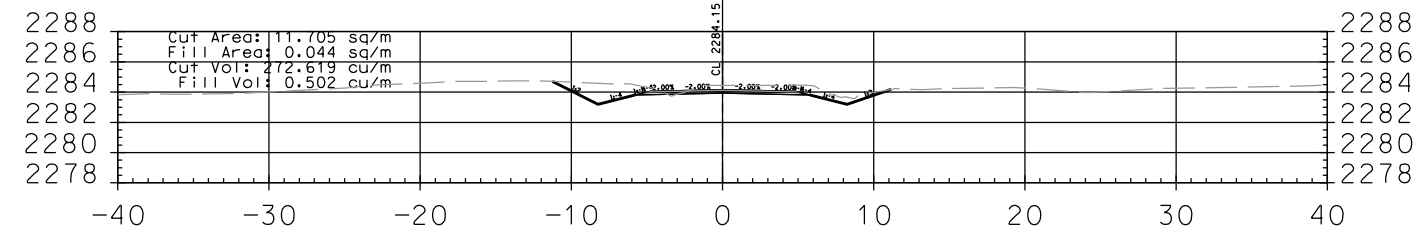
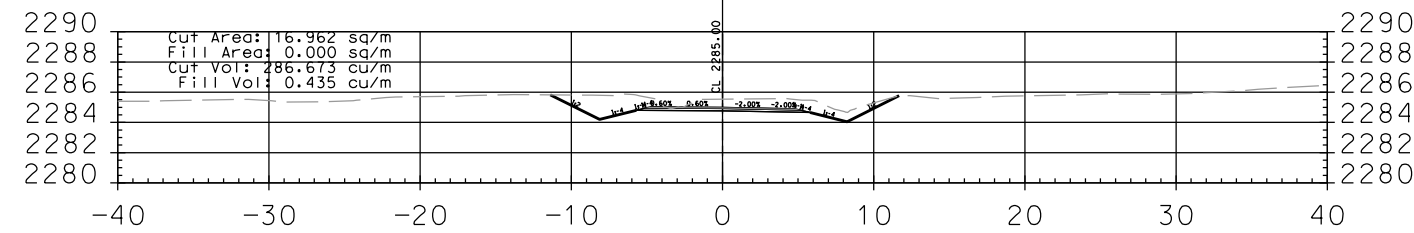
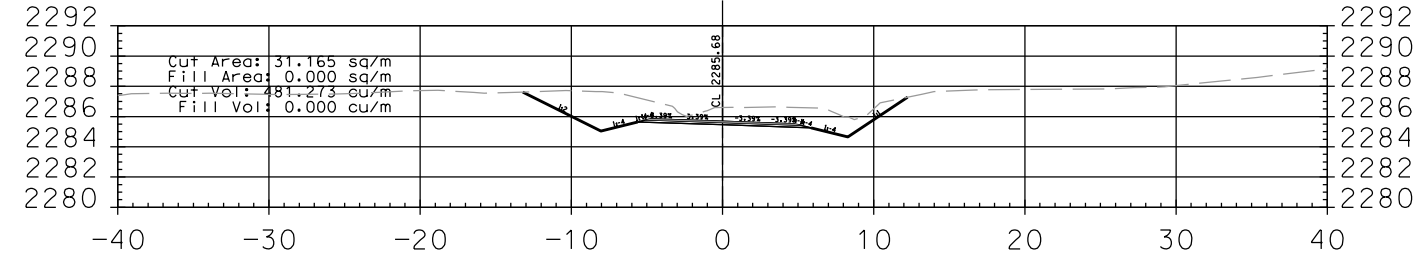
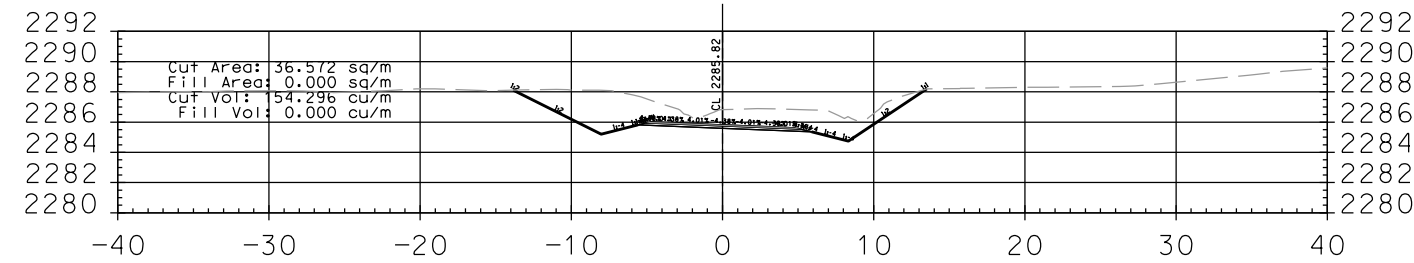
9+620.000

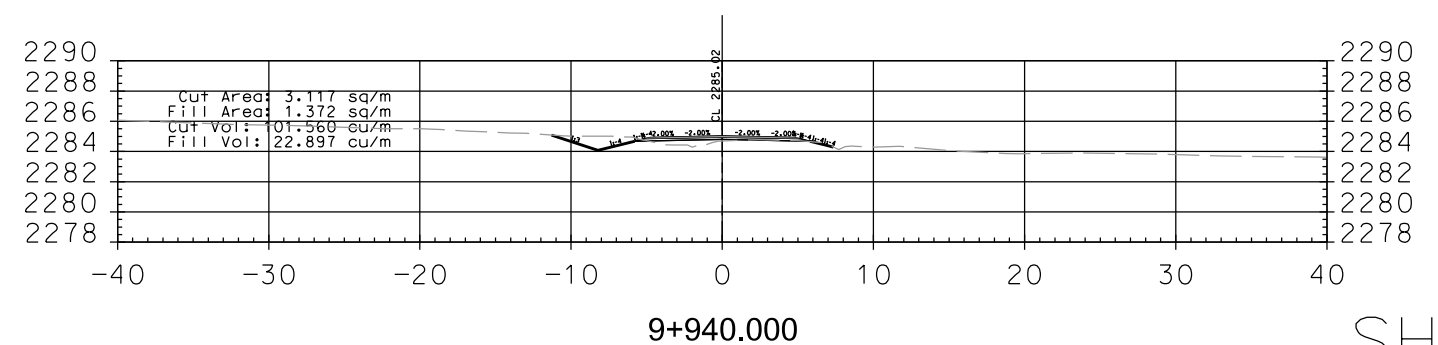
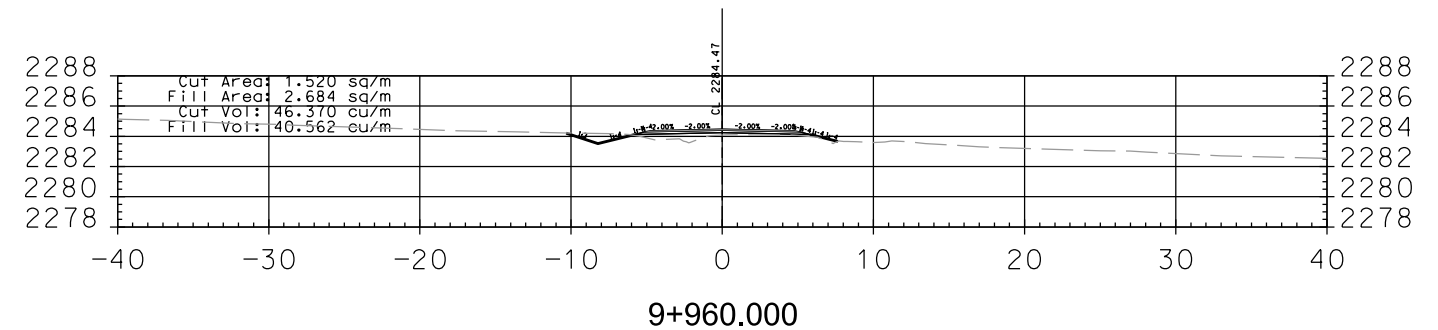
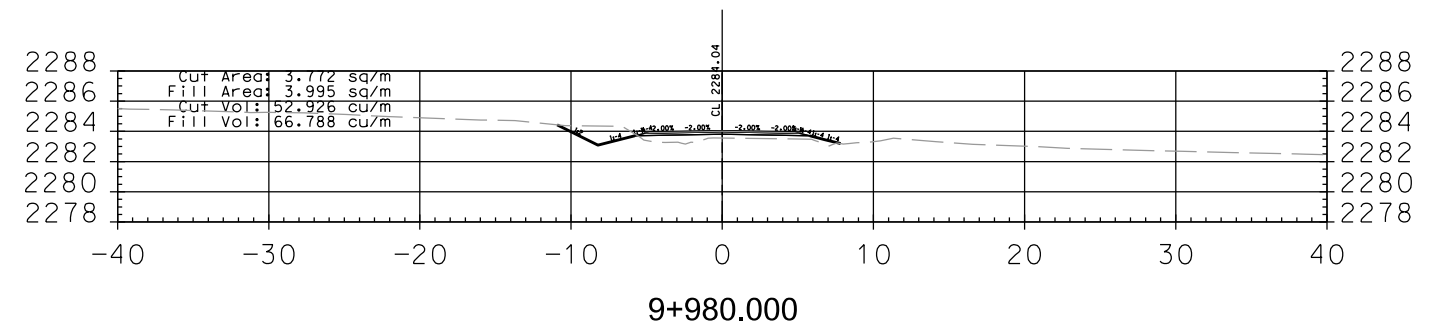
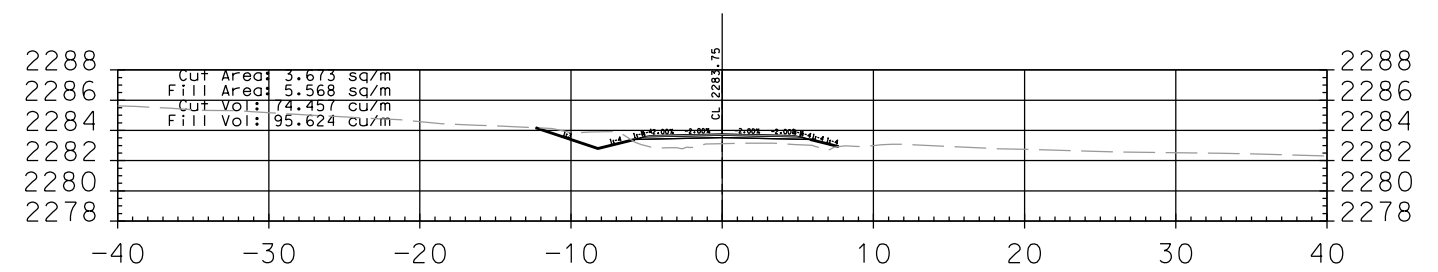
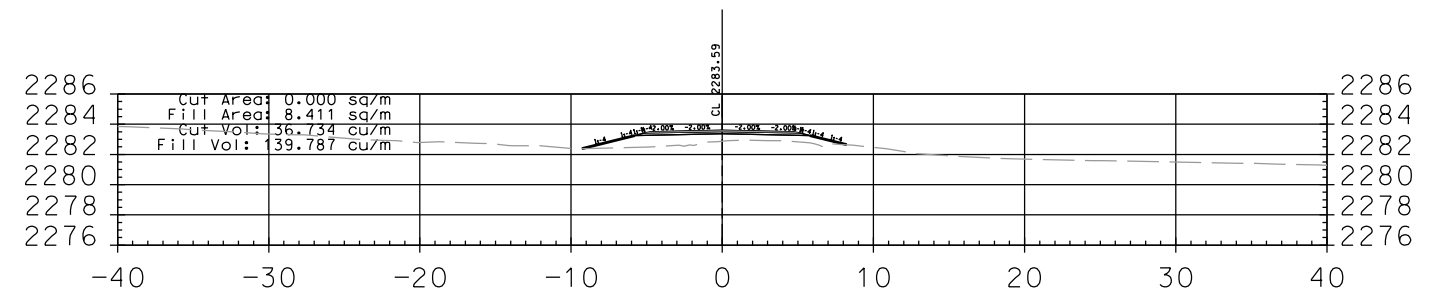
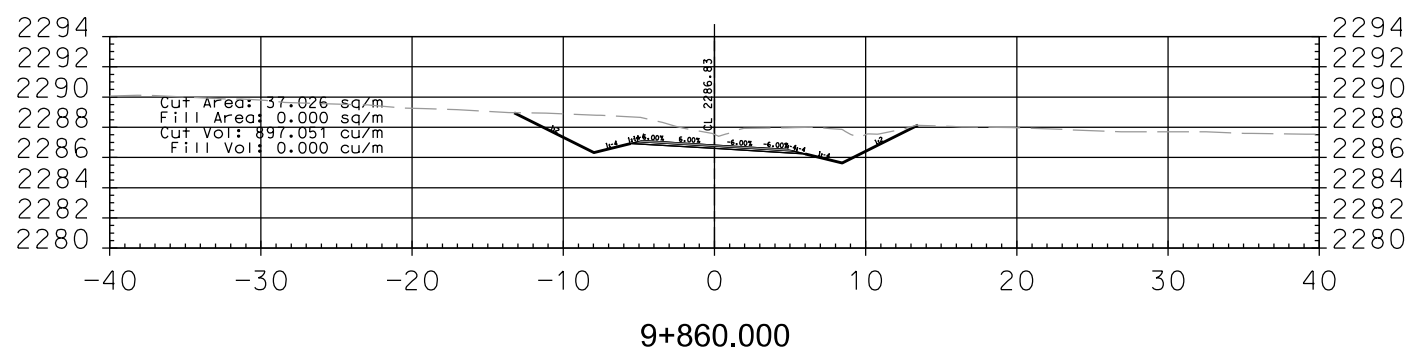
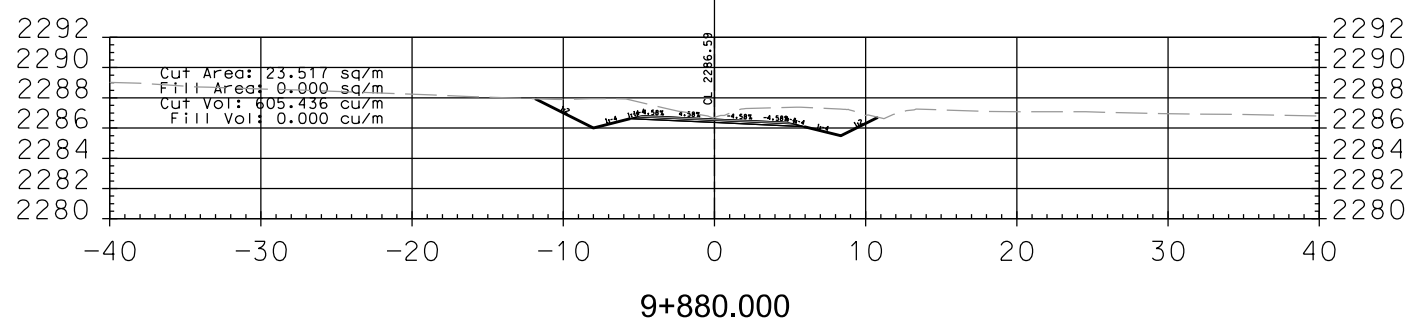
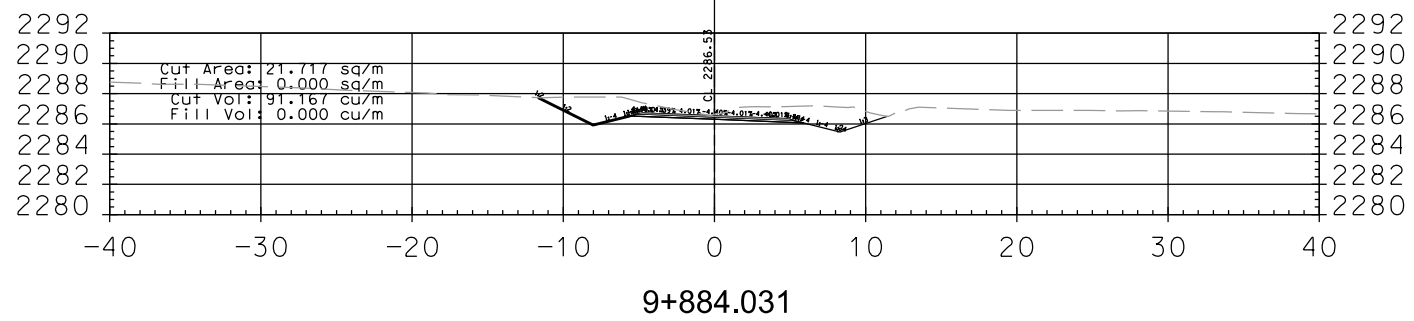
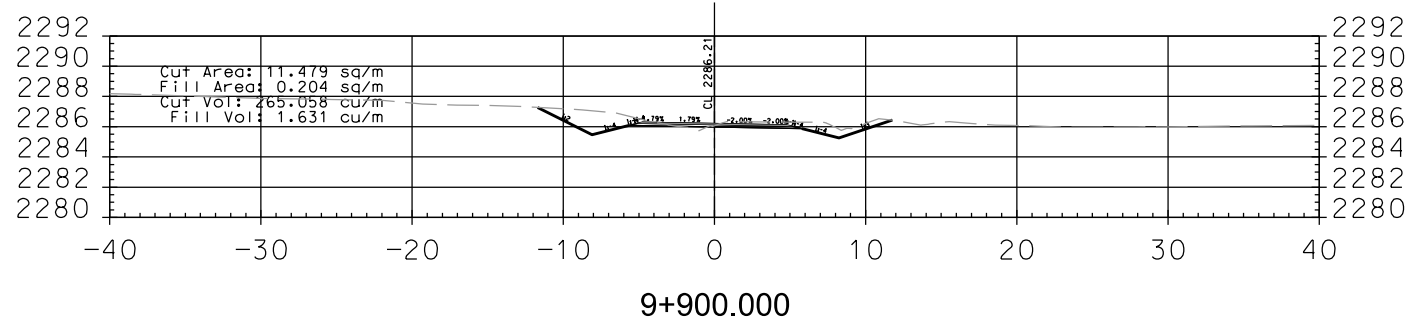
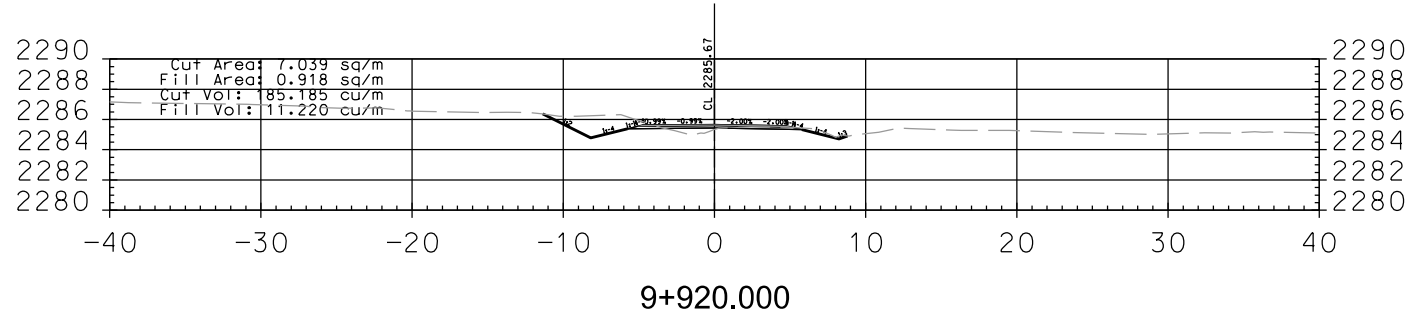


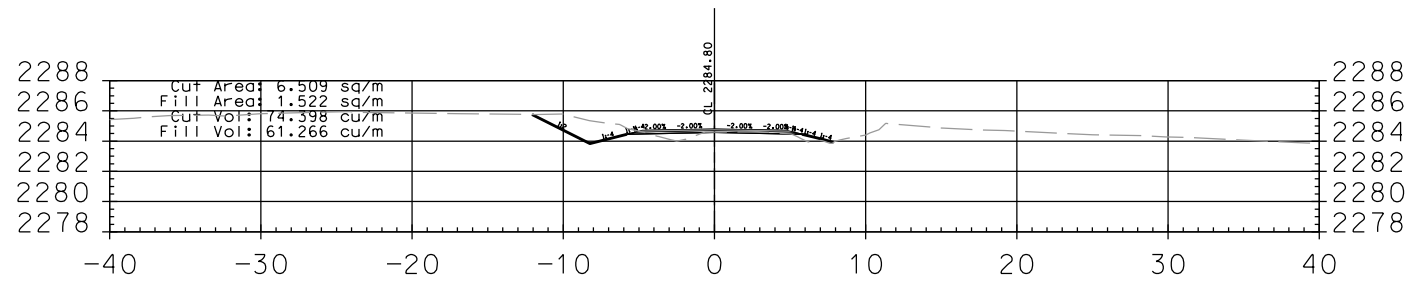
9+600.000



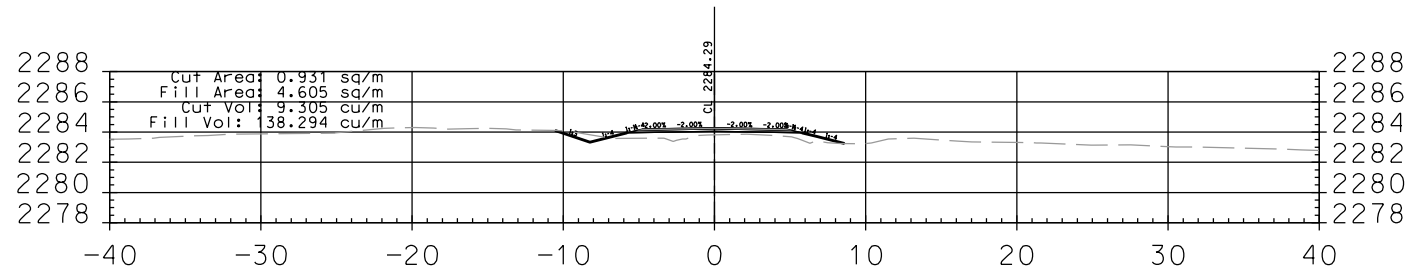
9+580.000



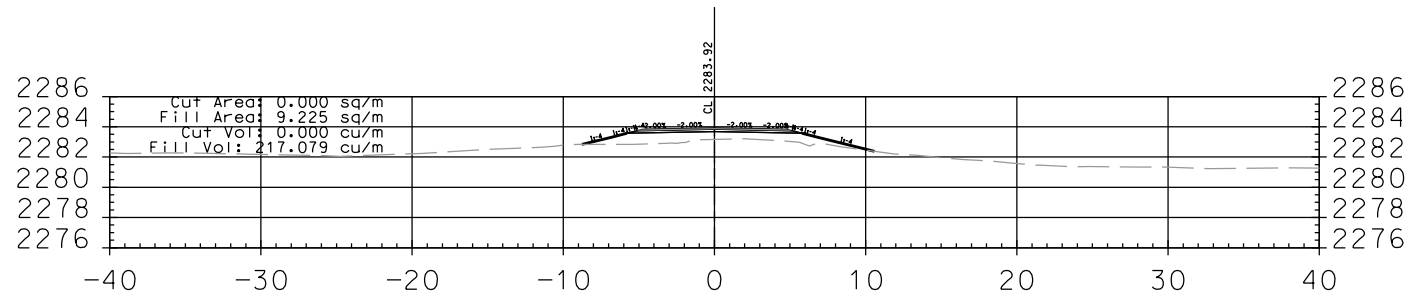




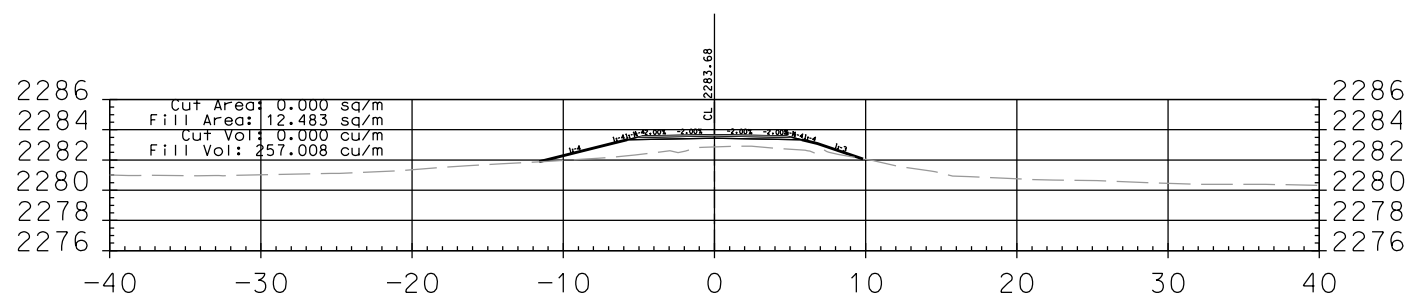
10+120.000



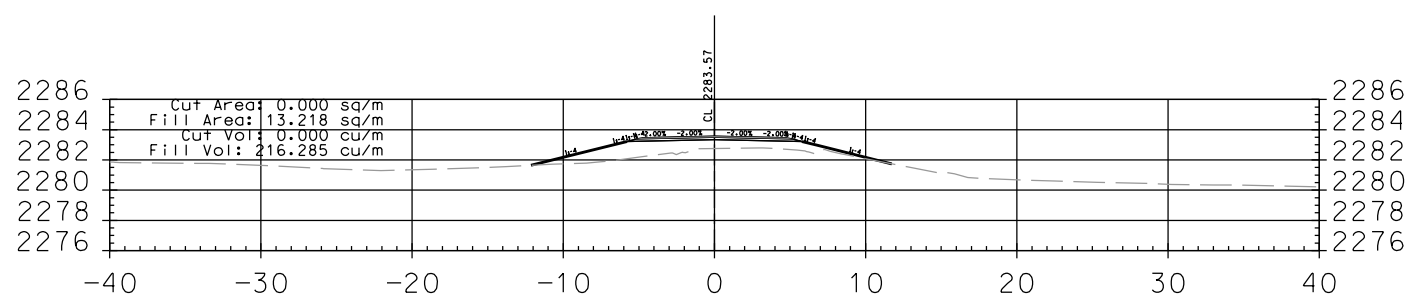
10+100.000



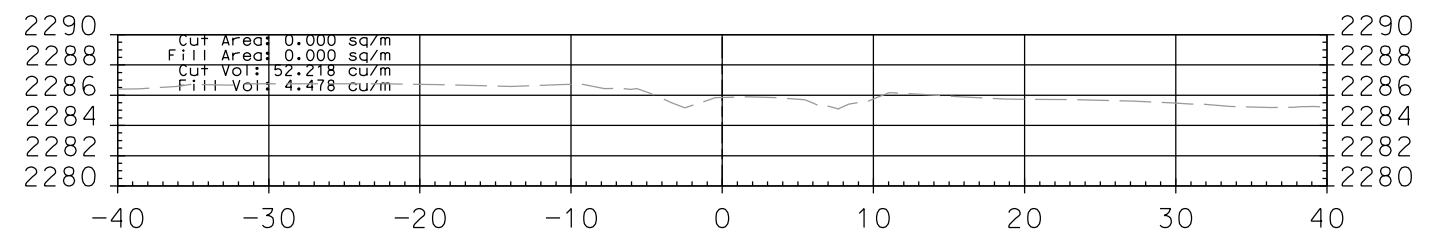
10+080.000



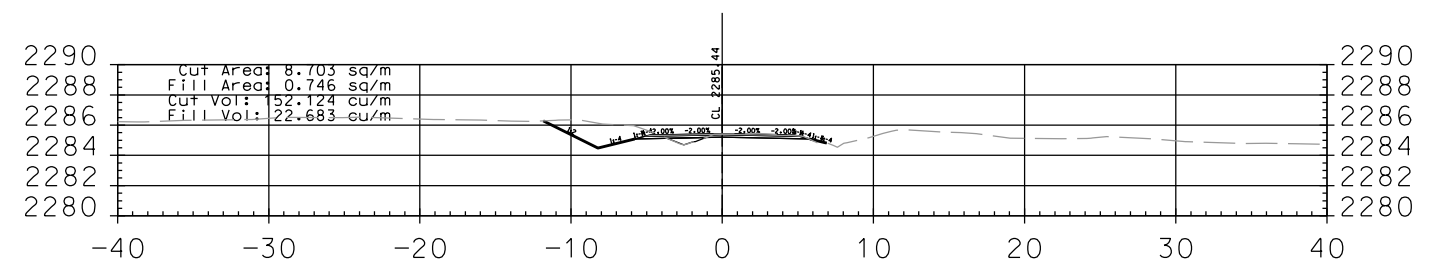
10+060.000



10+040.000



10+152.000



10+140.000