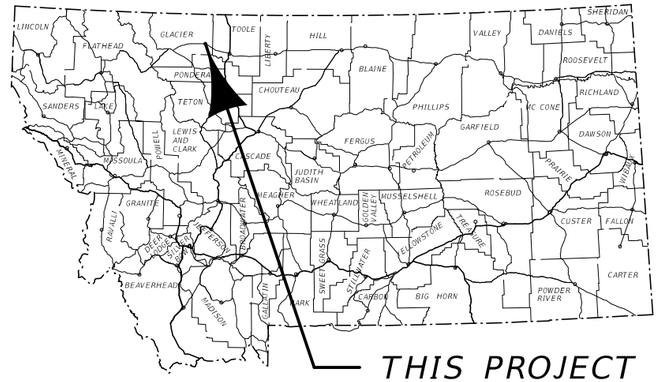
Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

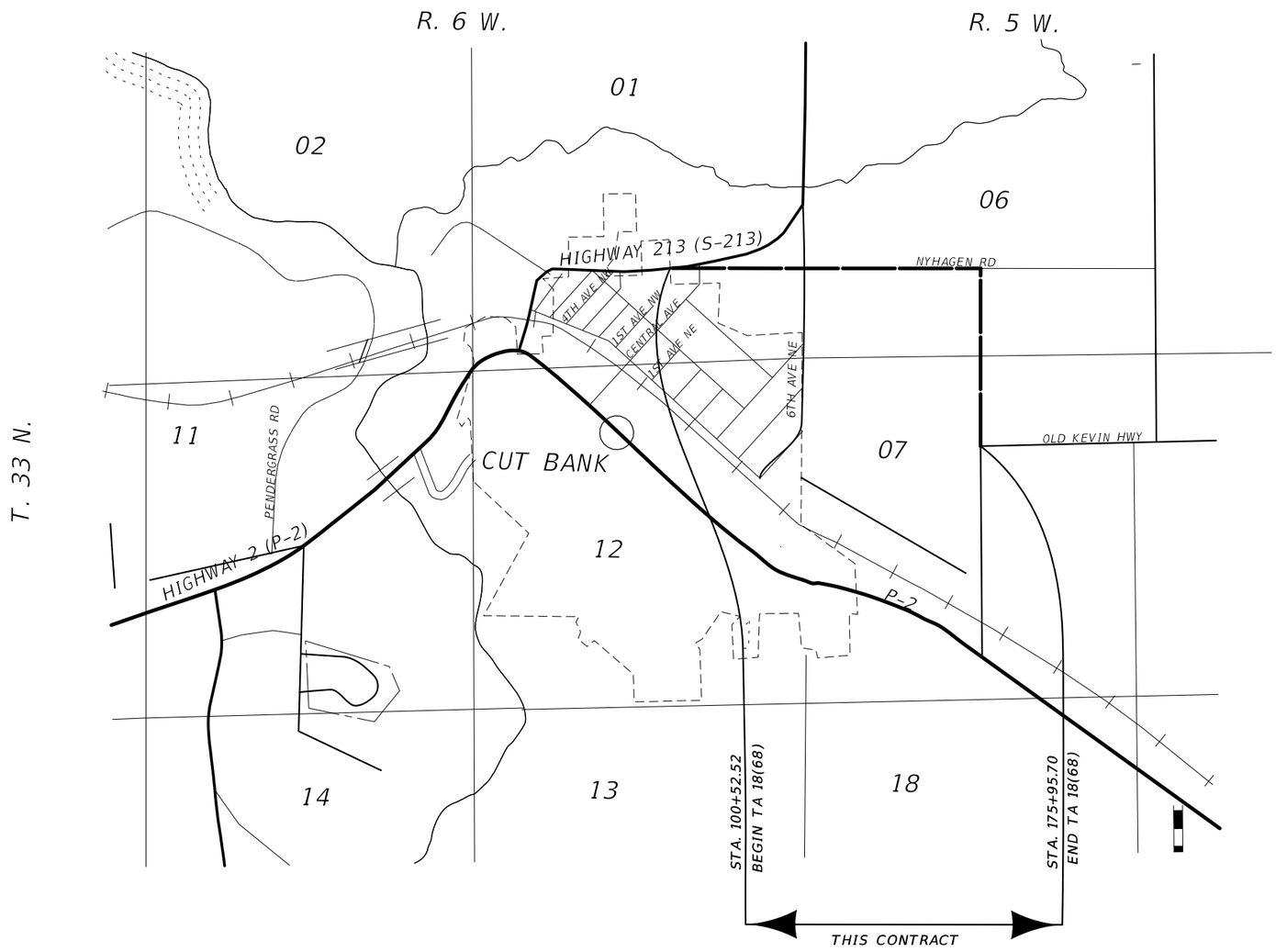
AWARD COPY

MONTANA DEPARTMENT OF TRANSPORTATION



FEDERAL AID TA 18(68)
BICYCLE/PEDESTRIAN PATH
NYHAGEN RD PATH - CUT BANK
GLACIER COUNTY

LENGTH 1.4 MILES



SURFACING SOURCES - CONTRACTOR FURNISHED



PLANS PREPARED BY

SANDERSON STEWART

Enduring Community Design
1300 North Transtech Way
Billings, Montana 59102
Phone: 406.656.5255
www.sandersonstewart.com

ASSOCIATED PROJECT AGREEMENT NUMBERS	
R / W	TA 18(69)
I.C.	
P. E.	TA 18(67)

SANDERSON STEWART

APPROVED BY:

CONSULTANT DESIGN ENGINEER

TESSA M. WERMERS 49506 PE PROFESSIONAL ENGINEER

Signed by: Tessa M. Wermers 11/14/2024
2693596081D54B2...
DATE

MONTANA DEPARTMENT OF TRANSPORTATION

RECEIVED BY: CONSULTANT DESIGN ENGINEER

DocuSigned by: Kelly Williams 11/18/2024
EF7F5DDAB5A7471...
DATE

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDTTL.DGN	DESIGNED BY			ROAD PLANS
2		7/23/2024	REVIEWED BY			
		1:47:40 PM kedam	CHECKED BY			UPN 9441000

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

TABLE OF CONTENTS

ROAD PLANS	SHEET NO.
TITLE SHEET	1
TABLE OF CONTENTS	2
NOTES	2
CENTERLINE COORDINATE TABLE	3
CONTROL DIAGRAM	4
TYPICAL SECTIONS	5-8
SUMMARIES	9-11
GRADING	9
ADDITIONAL GRADING	9
SURFACING	9
ADDITIONAL SURFACING	9
SUBSURFACE DRAIN	9
PAVEMENT MARKINGS	10
CULVERT SUMMARY RECAP	10
SIDEWALK	10
CULVERTS	10
APPROACH PIPE	10
BOLLARDS	11
FENCING	11
TOPSOIL & SEEDING	11
EROSION CONTROL BLANKET	11
DETAILS	12-16
6TH AVE NE DITCH DETAIL	12
SSES DETAIL	13
MISCELLANEOUS DETAILS	14
6TH AVE NE INTERSECTION DETAIL	15
TRENCH DETAIL	15
PATH CONNECTION DETAILS	16
PLAN & PROFILE	17-30
CROSS SECTIONS	
MAINLINE	1-62
6TH AVE NE	63-65
SIGNING PLANS	
SUMMARY	S1-S2
PLANS	S3-S9

SANDERSON STEWART

NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

COMP. AGGREGATE WEIGHT	= 3700 LBS. PER CUBIC YARD
COMP. WEIGHT OF PL. MIX BIT. SURF.	= 3855 LBS. PER CUBIC YARD
ASPHALT CEMENT - GRADE S - 3/8" AGG.	= 6.2% OF PL.MIX BIT.SURF.
HYDRATED LIME	= 1.4% OF PL.MIX BIT.SURF.
BITUMINOUS MATERIAL	= 8.5 LBS. PER GAL.

CLEARING AND GRUBBING

CLEAR AND GRUB TO CONSTRUCTION LIMITS. INCLUDE THE COST OF CLEARING AND GRUBBING IN THE UNIT PRICE BID FOR EMBANKMENT IN PLACE.

UTILITIES

CALL THE UTILITIES UNDERGROUND LOCATION CENTER (811) OR OTHER NOTIFICATION SYSTEM FOR THE MARKING AND LOCATION OF ALL LINES AND SERVICES BEFORE EXCAVATING. ALL CLEARANCES OR DEPTHS PROVIDED FOR UTILITIES ARE FROM EXISTING GROUND LINE.

PLANT MIX SAW-CUTS

SAW CUT ALL PLANT MIX CONNECTIONS TO A NEAT EDGE. PAYMENT FOR SAWCUTS IS INCLUDED IN THE UNIT BID PRICE FOR PLANT MIX SURFACING.

PUBLIC LAND SURVEY MONUMENTS

ALL MONUMENTS TO BE REMOVED AND RELOCATED OR RESET BY STATE FORCES.

MISC. TO BE MOVED OR REMOVED BY OTHERS

ALL PRIVATELY OWNED SIGNS TO BE REMOVED BY OWNER.

DO NOT DISTURB

DO NOT DISTURB EXISTING VEGETATION BEYOND THE CONSTRUCTION LIMITS NECESSARY TO COMPLETE THE WORK.

DO NOT DISTURB EXISTING UTILITY POLES AT STATIONS 122+25 RT., 122+35 RT., 122+59 RT., 123+29 RT., 127+23 RT., 131+20 RT., 134+54 RT., 134+66 RT., 138+55 RT., 141+57 RT., 141+75 RT., 144+49 RT., 147+21 RT., 148+30 RT., 149+66 LT., AND 201+45 RT.

DO NOT DISTURB EXISTING FENCE FROM STA. 121+39 TO STA. 122+63 RT., FROM STA 130+86 TO STA 133+56 RT., FROM STA. 144+10 TO STA. 148+30 RT., AND FROM STA. 151+49 TO STA. 175+58 RT.

PEDESTRIAN FACILITIES

CROSS SLOPE ON ALL PEDESTRIAN FACILITIES IS NOT TO EXCEED 2.1% MAXIMUM SLOPE.

SOILS INFORMATION

SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION. THE LOCATION OF GEOTECHNICAL BORINGS IS SHOWN ON THE PLAN VIEW WITH THE FOLLOWING SYMBOL:

BORING NUMBER

(GEOTECHNICAL BORING)

WETLANDS

WETLANDS MAY EXIST ADJACENT TO THE ROADWAY AND BEYOND THE PROJECT LIMITS. A WETLAND DELINEATION HAS NOT BEEN COMPLETED FOR THIS PROJECT. IMPACTS TO WETLAND AREAS ARE NOT ANTICIPATED IN ASSOCIATION WITH THE PROPOSED WORK. NO PERMITS HAVE BEEN OBTAINED. ANY ACTION IMPACTING WETLAND AREAS WITHOUT THE APPROPRIATE PERMITTING IS THE RESPONSIBILITY OF THE CONTRACTOR.

EXISTING R/W

EXISTING R/W IS APPROXIMATE AND IS BASED ON FOUND EVIDENCE ALONG NYHAGEN RD, HIGHWAY 213, OLD KEVIN HIGHWAY, 6TH AVE NE, CENTRAL AVE, AND INFORMATION PROVIDED ON THE FOLLOWING RECORDED PLATS:
CERTIFICATE OF SURVEY NO. 148
CERTIFICATE OF SURVEY NO. 314
CERTIFICATE OF SURVEY NO. 325
JONES SUBURBAN HOME PLAT
PETERSON MINOR SUBDIVISION
PETERSON SUBDIVISION
NYHAGEN TRACTS
ED MITCH TRACT
TONY MITCH TRACT
STYREN INDUSTRIAL PARK PLAT

NOTE: IT WAS DETERMINED THAT THE NORTH LINE OF STYREN INDUSTRIAL PARK SUBDIVISION FOLLOWED THE PRESENT TRAVELED WAY OF NYHAGEN ROAD RATHER THAN THE PLSS SIXTEENTH LINE AS CALLED FOR ON THE PLAT. THEREFORE, THE PROPERTY CORNERS FOR SAID STYREN INDUSTRIAL PARK SUBDIVISION HAVE BEEN IGNORED. SEE CERTIFICATE OF SURVEY NO. 569, DOCUMENT #287034 IN GLACIER COUNTY, FOR ADDITIONAL INFORMATION.

SECTION LINES

SECTION LINES ARE GRAPHICAL REPRESENTATIONS ONLY. PLSS CORNERS WERE NOT LOCATED FOR THIS PROJECT. SECTION LINES ARE DRAWN RELATIVE TO THE SURROUNDING PROPERTY LINES FROM MONTANA CADASTRAL'S PARCEL DATA FOR GLACIER COUNTY.

APPROACHES

CONSTRUCT APPROACHES TO THE WIDTHS SPECIFIED IN THE APPROACHES SUMMARY FRAME. TRANSITION WIDTH TO EXISTING WIDTH AS SHOWN. SEE DETAILS

SEE MDT DTL. DWG. 203-05 FOR REQUIRED APPROACH SLOPES WITHIN AND BEYOND THE CLEAR ZONE.

PROVIDE THE FOLLOWING SURFACING SECTIONS TO APPROACHES AS DENOTED IN THE SURFACING SUMMARY FRAME:

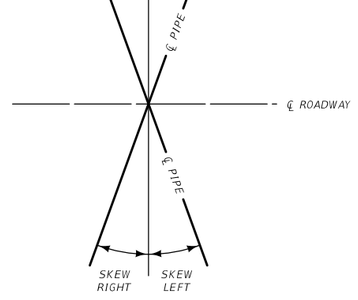
SURFACING:

PRIVATE APPROACHES:
PLANT MIX BITUMINOUS SURF. DEPTH = 0.20 FT
CRUSHED AGGREGATE COURSE DEPTH = 0.60 FT

PUBLIC APPROACHES:
PLANT MIX BITUMINOUS SURF. DEPTH = 0.40 FT
CRUSHED AGGREGATE COURSE DEPTH = 0.60 FT

PATH CONNECTIONS:
PLANT MIX BITUMINOUS SURF. DEPTH = 0.20 FT
CRUSHED AGGREGATE COURSE DEPTH = 0.60 FT

SKEW DIAGRAM



APPROACHES (For Information Only/Incl in Additional Surfacing Frame)

STATION	TYPE	linear feet WIDTH	RADIUS LEFT	RADIUS RIGHT	LENGTH	EXISTING SURFACING	PROPOSED SURFACE	tons COMM. 3/8" PL. MIX PG 58-28	cubic yards CRUSHED AGG. COURSE	REMARKS
115+44	PRIVATE	24.0	25	25	27.2	GRAVEL	PAVE TO R/W	10	23	LT. & RT.
117+60	PRIVATE	12.0	25	25	40.8	GRAVEL	PAVE TO R/W	7	25	LT. & RT.
122+18	PRIVATE	10.0	10	10	26.5	GRAVEL	PAVE TO FENCE	3	10	LT. & RT.
122+98	PUBLIC	31.0	25	25	26.0	GRAVEL	PAVE #	32	33	6TH AVE NE
124+18	PRIVATE	28.0	25	25	28.6	GRAVEL	PAVE TO R/W	13	24	LT. & RT.
130+61	PRIVATE	30.0	25	25	24.8	GRAVEL	PAVE TO GATE	13	23	LT. & RT.
131+89	PRIVATE	14.3	25	25	25.6	GRAVEL	PAVE TO R/W	8	15	LT. & RT.
133+74	PRIVATE	16.0	15	15	54.2	GRAVEL	PAVE TO R/W	8	29	LT. & RT.
142+62	PRIVATE	12.0	25	25	47.0	GRAVEL	PAVE TO R/W	9	29	LT. & RT.
149+46	PRIVATE	19.1	20	20	21.2	GRAVEL	GRAVEL		22	LT.
157+51	PATH CONNECTION	8.0	-	-	30.2	GRASS	PAVE #	2	14	LT.
164+06	PATH CONNECTION	8.0	-	-	26.3	GRASS	PAVE #	2	12	LT.
171+82	PATH CONNECTION	8.0	-	-	25.1	GRASS	PAVE #	3	11	LT.
SUBTOTAL	PRIVATE							71	200	
SUBTOTAL	PUBLIC							32	33	
SUBTOTAL	PATH CONNECTION							7	37	

#SEE DETAILS

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

CENTERLINE COORDINATE TABLE

SHARED-USE PATH CENTERLINE ALIGNMENT COORDINATE TABLE

STATION	DESCRIPTION	N OR Y COORDINATE	E OR X COORDINATE	REMARKS
100+00.00	POT	1,613,828.655	1,284,706.210	
100+52.52	POT	1,613,831.225	1,284,758.663	BEGIN TA 18(68)
100+62.09	PC	1,613,831.694	1,284,768.225	
100+91.52	PI	1,613,833.134	1,284,797.622	
101+20.92	PT	1,613,832.102	1,284,827.036	
111+18.78	PC	1,613,797.108	1,285,824.282	
111+62.56	PI	1,613,795.573	1,285,868.035	
111+90.70	PT	1,613,752.001	1,285,872.292	
112+06.36	PC	1,613,736.416	1,285,873.815	
112+34.76	PI	1,613,708.142	1,285,876.577	
112+51.84	PT	1,613,709.360	1,285,904.959	
112+94.20	PC	1,613,711.177	1,285,947.280	
113+18.75	PI	1,613,712.229	1,285,971.798	
113+40.79	PRC	1,613,730.162	1,285,988.551	
113+81.97	PI	1,613,760.251	1,286,016.661	
114+18.03	PT	1,613,758.655	1,286,057.806	
121+23.13	PC	1,613,731.328	1,286,762.376	
121+33.29	PI	1,613,730.934	1,286,772.530	
121+43.26	PT	1,613,733.906	1,286,782.247	
121+59.35	PC	1,613,738.611	1,286,797.634	
121+69.39	PI	1,613,741.547	1,286,807.234	
121+79.25	PT	1,613,741.198	1,286,817.267	
123+26.67	PC	1,613,736.068	1,286,964.598	
123+41.34	PI	1,613,735.558	1,286,979.259	
123+55.44	PRC	1,613,728.341	1,286,992.030	
123+70.15	PI	1,613,721.102	1,287,004.839	
123+84.30	PT	1,613,720.610	1,287,019.544	
126+68.59	PC	1,613,711.101	1,287,303.675	
126+89.70	PI	1,613,710.395	1,287,324.781	
127+10.67	PRC	1,613,714.112	1,287,345.569	
127+23.48	PI	1,613,716.368	1,287,358.182	
127+35.91	PRC	1,613,713.274	1,287,370.617	
127+57.03	PI	1,613,708.175	1,287,391.110	
127+77.99	PT	1,613,707.469	1,287,412.216	
130+64.19	PC	1,613,697.897	1,287,698.256	
130+75.45	PI	1,613,697.521	1,287,709.501	
130+86.60	PRC	1,613,699.652	1,287,720.548	
130+97.85	PI	1,613,701.784	1,287,731.595	
131+09.01	PT	1,613,701.408	1,287,742.840	
132+18.71	PC	1,613,697.739	1,287,852.478	
132+34.57	PI	1,613,697.208	1,287,868.330	
132+50.37	PRC	1,613,694.186	1,287,883.901	
132+66.23	PI	1,613,691.163	1,287,899.471	
132+82.02	PT	1,613,690.633	1,287,915.323	
134+26.12	PC	1,613,685.813	1,288,059.339	
134+41.75	PI	1,613,685.290	1,288,074.966	
134+57.33	PRC	1,613,687.203	1,288,090.485	
134+70.75	PI	1,613,688.844	1,288,103.808	
134+83.74	PRC	1,613,684.652	1,288,116.559	
135+04.91	PI	1,613,678.039	1,288,136.677	
135+25.81	PT	1,613,677.254	1,288,157.839	
137+88.81	PC	1,613,667.499	1,288,420.658	
138+05.43	PI	1,613,666.883	1,288,437.268	
138+21.92	PRC	1,613,669.918	1,288,453.611	
138+55.58	PI	1,613,676.064	1,288,486.702	
138+88.14	PRC	1,613,667.482	1,288,519.247	
139+04.76	PI	1,613,663.243	1,288,535.320	
139+21.25	PT	1,613,662.627	1,288,551.930	
141+00.06	PC	1,613,655.995	1,288,730.617	
141+17.86	PI	1,613,655.335	1,288,748.403	
141+35.49	PRC	1,613,658.855	1,288,765.849	
141+71.59	PI	1,613,665.996	1,288,801.240	
142+06.35	PRC	1,613,656.252	1,288,836.003	
142+24.15	PI	1,613,651.448	1,288,853.140	
142+41.78	PT	1,613,650.788	1,288,870.926	
143+55.81	PC	1,613,646.559	1,288,984.877	
143+74.29	PI	1,613,645.873	1,289,003.347	
143+92.67	PRC	1,613,648.584	1,289,021.629	
144+06.70	PI	1,613,650.642	1,289,035.510	
144+20.65	PT	1,613,650.090	1,289,049.531	
149+33.02	PC	1,613,629.929	1,289,561.504	
149+57.82	PI	1,613,628.954	1,289,586.288	
149+72.09	PT	1,613,604.163	1,289,585.508	
151+99.94	PC	1,613,376.425	1,289,578.344	
152+06.14	PI	1,613,370.227	1,289,578.149	
152+12.34	PT	1,613,364.066	1,289,577.443	
152+72.03	PC	1,613,304.764	1,289,570.647	
152+78.22	PI	1,613,298.610	1,289,569.942	
152+84.41	PT	1,613,292.420	1,289,569.747	
162+37.19	PI	1,612,340.114	1,289,539.685	Δ = 0°14'23" (RT)
167+96.17	PI	1,611,781.491	1,289,519.711	Δ = 0°01'29" (RT)
175+95.70	POT	1,610,982.480	1,289,490.797	END TA 18(68)
176+16.17	POT	1,610,962.027	1,289,490.057	

GPK NAME: J0Br41.GPK CHAIN NAME: DESIGN_CL PROFILE NAME: PRO_DESIGN

SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

CONTROL DIAGRAM

SCALE: 1" = 500'

CONTROL ABSTRACT				
POINT NAME/NUMBER	N OR Y COORDINATE INT. FT.	E OR X COORDINATE INT. FT.	POINT ELEVATION U.S. FT.	LOCATION AND DESCRIPTION
9	1,613,754.990	1,284,649.004	3,761.97	FOUND 2 INCH ALUMINUM CONTROL CAP STAMPED "2002 DEA-9" ON A 5/8 INCH REBAR 23.0 FEET SOUTH OF NORTHEAST CORNER ANNA JEFFRIES SCHOOL PARK CHAIN LINK FENCE AND 2.0 FEET EAST OF A WITNESS POST.
10	1,613,723.212	1,285,154.270	3,760.22	FOUND 2 INCH ALUMINUM CONTROL CAP STAMPED "2002 DEA-10" ON A 5/8 INCH REBAR 98.4 FEET SOUTH OF SKYLAND ROAD EAST NORTHEAST OF SKATING POND AND 1.0 FEET NORTH OF A WITNESS POST.
11	1,613,363.885	1,285,767.095	3,769.02	FOUND 2 INCH ALUMINUM CONTROL CAP STAMPED "2002 DEA-11" ON A 5/8 INCH REBAR 29.5 FEET EAST OF CENTERLINE CENTRAL AVE 75.5 FEET SOUTH OF SOUTHWEST CORNER HEDGES AND 1.0 FEET WEST OF A WITNESS POST.
A9441	1,613,827.126	1,286,013.816	3,751.75	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "A9441 2018" NORTHEAST OF THE CENTRAL AVE AND NYHAGEN ROAD INTERSECTION, 11.9' SOUTHEAST OF THE END OF THE CULVERT AND 23.6' NORTH OF NYHAGEN ROAD NORTHERN EDGE OF PAVEMENT. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
B9441	1,613,722.059	1,286,742.224	3,749.53	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "B9441 2018" SOUTHWEST OF THE NYHAGEN ROAD AND 6TH AVENUE NORTHEAST INTERSECTION, 24.3' SOUTHWEST OF A GAS VALVE AND 31.2' SOUTH OF THE NYHAGEN ROAD SOUTHERN EDGE OF PAVEMENT. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
C9441	1,613,784.054	1,287,403.044	3,751.85	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "C9441 2018" APPROX. 465.0' EAST OF THE NYHAGEN ROAD AND 6TH AVENUE NORTHEAST INTERSECTION, 33.9' NORTH OF THE NYHAGEN ROAD NORTHERN EDGE OF PAVEMENT AND APPROX. 5.0' SOUTHEAST OF THE CORNER OF THE CHAIN-LINK FENCE. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
D9441	1,613,754.070	1,287,887.462	3,760.26	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "D9441 2018" EAST OF THE APPROACH TO THE MDT MAINTENANCE FACILITY, 20.4' NORTH OF THE NYHAGEN ROAD NORTHERN EDGE OF PAVEMENT AND APPROX. 60.0' EAST OF THE CENTERLINE OF THE MDT FACILITY APPROACH. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
E9441	1,613,718.416	1,288,750.554	3,748.19	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "E9441 2018" WEST OF THE TRANSFER STATION APPROACH, 17.5' NORTH OF THE NYHAGEN ROAD NORTHERN EDGE OF PAVEMENT AND APPROX. 28.0' WEST OF THE CENTERLINE OF THE TRANSFER STATION APPROACH. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
F9441	1,613,686.033	1,289,599.445	3,728.10	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "F9441 2018" APPROX. 400.0' WEST OF THE CUT BANK SPORTS COMPLEX APPROACH, 14.4' NORTH OF THE NYHAGEN ROAD NORTHERN EDGE OF PAVEMENT AND APPROX. 27.5' SOUTHWEST OF THE UTILITY POLE LOCATED NORTH OF A PRIVATE APPROACH. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
G9441	1,612,741.699	1,289,542.408	3,732.22	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "G9441 2018" WEST OF THE CUT BANK SPORTS COMPLEX NORTHERN PART OF THE TRACK, 2.2' EAST OF ROBERT J BRIODY'S BARBED-WIRE FENCE AND 95.5' SOUTH OF THE BARBED WIRE FENCE THAT RUNS EAST AND WEST, SEPARATING ROBERT J BRIODY AND LINDA D DEMPSEY'S PROPERTY. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
H9441	1,611,807.300	1,289,508.660	3,739.93	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "H9441 2018" SOUTHWEST OF THE CUT BANK SPORTS COMPLEX, 43.0' WEST OF THE BARBED WIRE FENCE CORNER LOCATED NEAR THE SOUTHWEST CORNER OF THE CUT BANK SPORTS COMPLEX AND 2.2' EAST OF ROBERT J BRIODY'S BARBED-WIRE FENCE. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.
J9441	1,610,886.603	1,289,521.985	3,766.84	SET 2 INCH ALUMINUM CAP ON A 5/8 INCH BY 30 INCH REBAR FLUSH WITH GROUND STAMPED "J9441 2018" APPROX. 855.0' SOUTHWEST OF THE GLACIER COUNTY MUSEUM APPROACH, 18.2' PERPENDICULAR FROM THE OLD KEVIN HIGHWAY EASTERN EDGE OF PAVEMENT AND 141.6' SOUTHEAST OF THE CORNER OF THE BARBED-WIRE FENCE LOCATED NEAR GRAIN SILO. SET WITNESS POST 1 FOOT BEHIND MONUMENT, PERPENDICULAR TO RW.

NOTE:
THIS PROJECT IS ON THE MONTANA COORDINATE SYSTEM NAD83 (2011).
NORTHING AND EASTING COORDINATES ARE EXPRESSED IN UNITS OF
INTERNATIONAL FEET AND ELEVATIONS ARE IN UNITS OF U.S. SURVEY FEET.

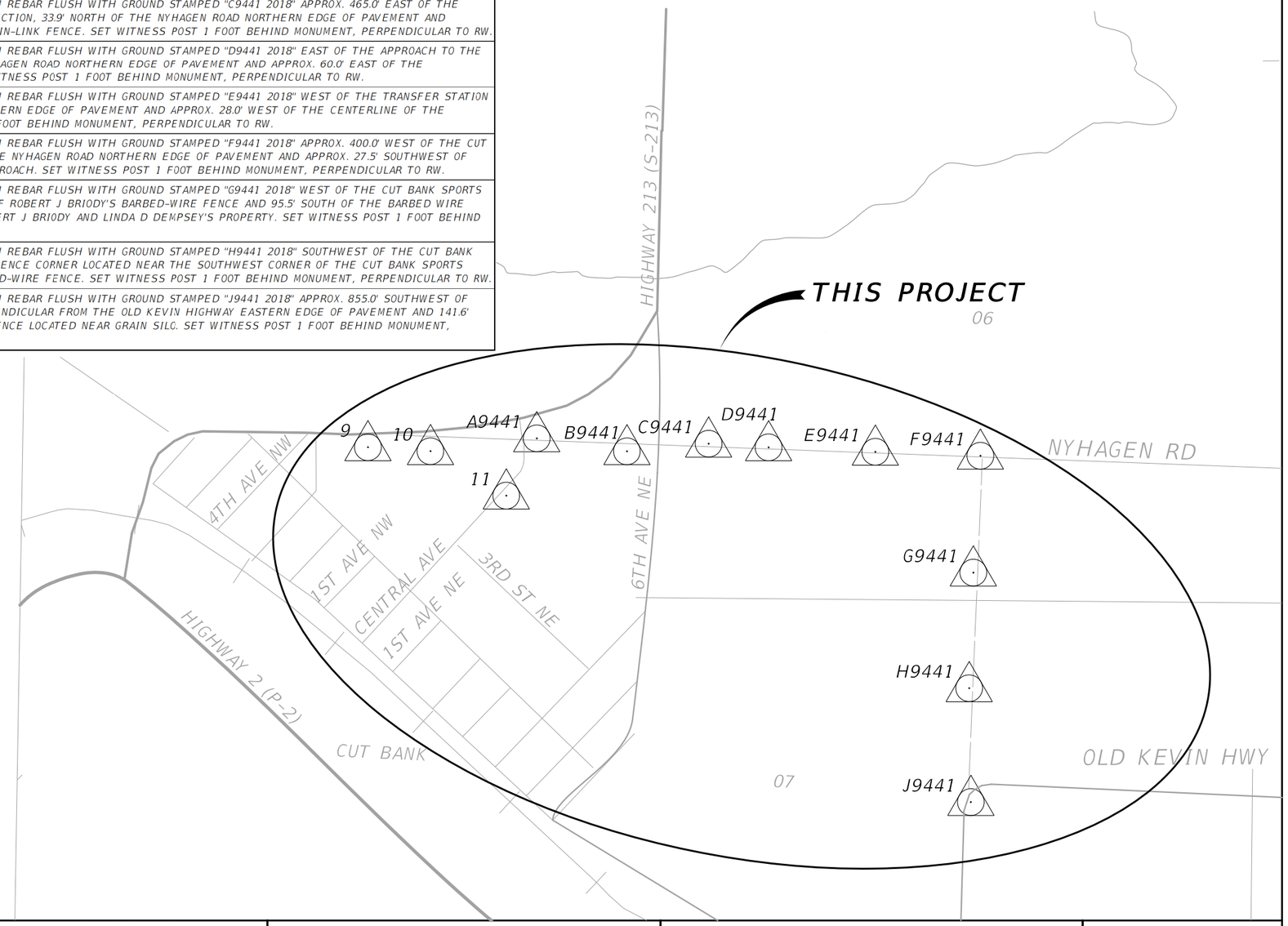
DIMENSIONS SHOWN ON THE PLANS ARE GRID. ALL SURVEY AND STAKING REQUIRE
THE USE OF A COMBINATION SCALE FACTOR (CSF) TO CONVERT GRID DIMENSIONS
TO GROUND DIMENSIONS (GRID DISTANCE / CSF = GROUND DISTANCE).
THE CSF FOR THIS PROJECT IS 0.99962294.

CONTROL NOTE

THIS PROJECT IS ON THE MONTANA COORDINATE SYSTEM NAD83.
NORTHING AND EASTING COORDINATES ARE
EXPRESSED IN UNITS OF INTERNATIONAL FEET AND
ELEVATIONS ARE IN UNITS OF U.S. SURVEY FEET.

DIMENSIONS SHOWN ON THE PLANS ARE GRID. ALL SURVEY AND
STAKING REQUIRE THE USE OF A COMBINATION SCALE
FACTOR (CSF) TO CONVERT GRID DIMENSIONS TO GROUND DIMENSIONS
(GRID DISTANCE DIVIDED BY CSF = GROUND DISTANCE).
THE CSF FOR THIS PROJECT IS 0.99962294.

THE HORIZONTAL COORDINATES FOR CONTROL POINTS FROM UPN 4158000,
AS PROVIDED BY MDT, WERE TRANSFORMED FROM NAD83 (1992)
TO NAD83 (2011) AND ARE THE BASIS FOR THIS SURVEY.



BEARING SOURCE

GRID -- MONTANA COORDINATE SYSTEM NAD 83
HORIZONTAL DATUM - NAD83 (2011)

LEVEL DATUM SOURCE

NAVD 88 (GNSS DERIVED ELEVATIONS USING
GEOID 12A AND HOLDING BMS 11)

GLACIER COUNTY

SANDERSON STEWART

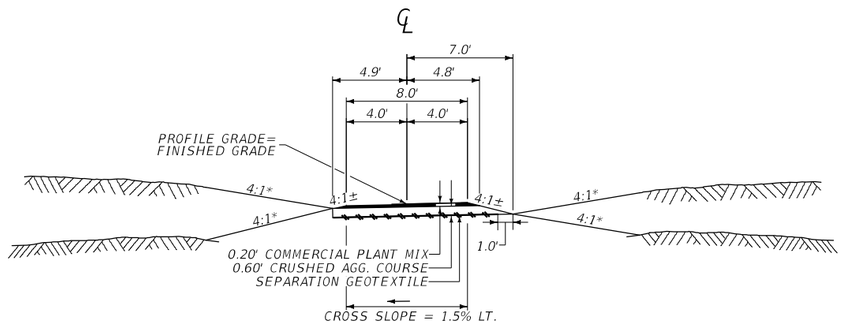
3	MONTANA Department of Transportation	...\9441000\RD\9441000RDT.DGN	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
2		7/23/2024	REVIEWED BY				
		1:47:42 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	4

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

TYPICAL SECTION NO. 1

MAINLINE



100+52.52		BEGIN PROJECT
100+52.52	TO 101+00.00	TYP. NO. 1
101+00.00	TO 101+20.92	TRANS. TYP. NO. 1 TO TYP. NO. 2

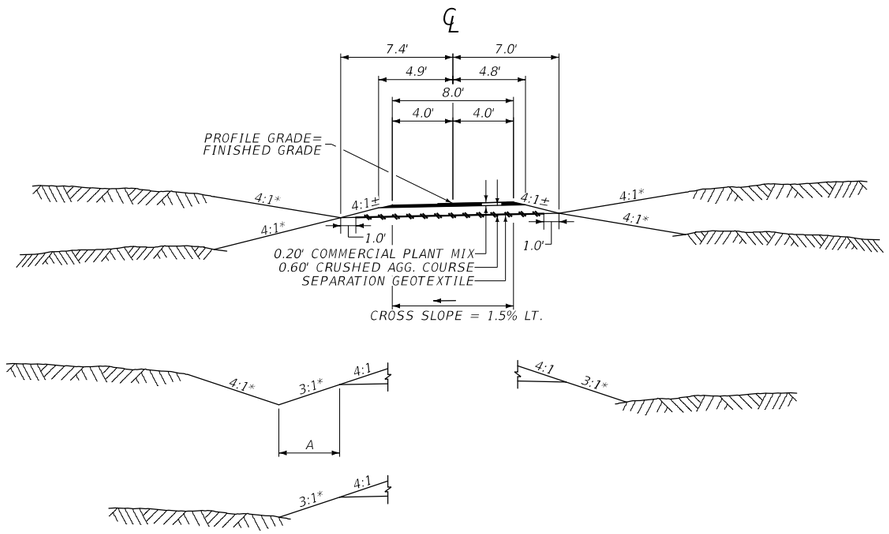
* SEE CROSS SECTIONS FOR DEVIATIONS

QUANTITIES		
UNIT	AGGREGATE	
	PLANT MIX	CR. AGG. COURSE
AREA square feet	1.77	6.48
cubic yards PER STATION	6.6	24.0
tons PER STATION	12.7	
square yards PER STATION		

DITCH DEVIATIONS				
STATION			WIDTH(FT)	REMARKS
FROM	TO		A	
114+00.00	114+50.00	LT.	TRANSITION FROM 3.5' TO 2.1'	

TYPICAL SECTION NO. 2

MAINLINE



101+20.92	TO 112+42.61	TYP. NO. 2; NEXT TYP. – TYP. NO. 4
112+90.94	TO 114+50.00	TYP. NO. 2; NEXT TYP. – TYP. NO. 3
149+50.00	TO 149+80.19	TYP. NO. 2
149+80.19	TO 149+86.19	SEE SIDEWALK DRAIN DETAIL
149+86.19	TO 151+66.87	TYP. NO. 2
151+66.87	TO 151+72.87	SEE SIDEWALK DRAIN DETAIL
151+72.87	TO 175+89.70	TYP. NO. 2; NEXT TYP. – TYP. NO. 4

* SEE CROSS SECTIONS FOR DEVIATIONS

QUANTITIES		
UNIT	AGGREGATE	
	PLANT MIX	CR. AGG. COURSE
AREA square feet	1.77	7.23
cubic yards PER STATION	6.6	26.8
tons PER STATION	12.7	
square yards PER STATION		

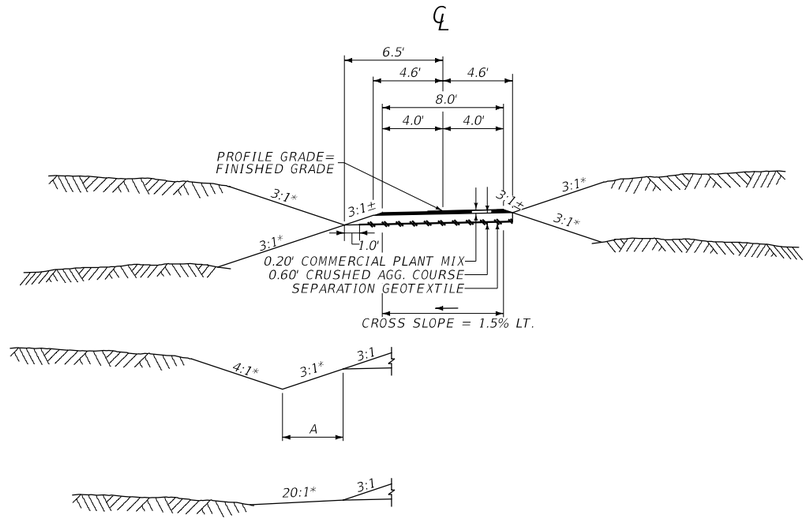
SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

DITCH DEVIATIONS				
STATION			WIDTH (FT)	REMARKS
FROM	TO		A	
114+50.00	115+00.00	LT.	TRANSITION FROM 2.1' TO 0.7'	

TYPICAL SECTION NO. 3

MAINLINE



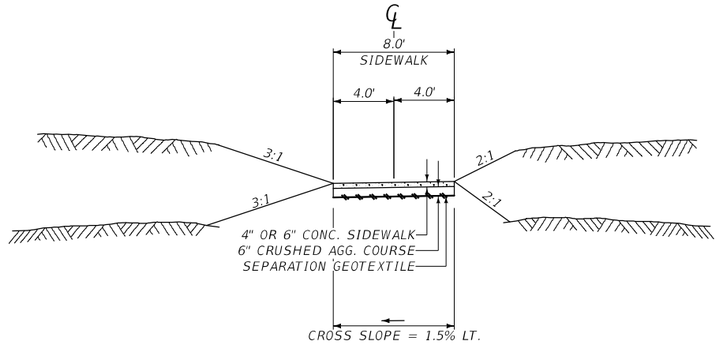
114+50.00	TO 121+39.26	TYP. NO. 3 (1.5% LT.)
121+39.26	TO 121+45.26	SEE SIDEWALK DRAIN DETAIL
121+45.26	TO 121+59.34	TYP. NO. 3 (TRANS. 1.5% LT. TO 1.5% RT.)
121+59.34	TO 122+70.22	TYP. NO. 3 (1.5% RT.); NEXT TYP. - TYP. NO. 4

* SEE CROSS SECTIONS FOR DEVIATIONS

QUANTITIES		
UNIT	AGGREGATE	
	PLANT MIX	CR. AGG. COURSE
AREA square feet	1.72	6.09
cubic yards PER STATION	6.4	22.6
tons PER STATION	12.3	
square yards PER STATION		

TYPICAL SECTION NO. 4

MAINLINE



112+42.61	TO 112+50.61	TYP. NO. 4 - 6" CONC.
112+50.61	TO 112+82.94	CENTRAL AVE.
112+82.94	TO 112+90.94	TYP. NO. 4 - 6" CONC.; NEXT TYP. - TYP. NO. 2
122+70.22	TO 122+77.06	TYP. NO. 4 - 6" CONC. (1.5% RT.)
122+77.06	TO 123+19.51	6TH AVE. NE - SEE DETAIL
123+19.51	TO 123+26.67	TYP. NO. 4 - 6" CONC.
123+26.67	TO 123+55.44	TYP. NO. 4 - 4" CONC.
123+55.44	TO 123+84.30	TRANS. TYP. NO. 4 TO TYP. NO. 5
175+89.70	TO 175+95.70	TYP. NO. 4 - 6" CONC.
175+95.70		END PROJECT

QUANTITIES CALCULATED FROM SURFACE AREA

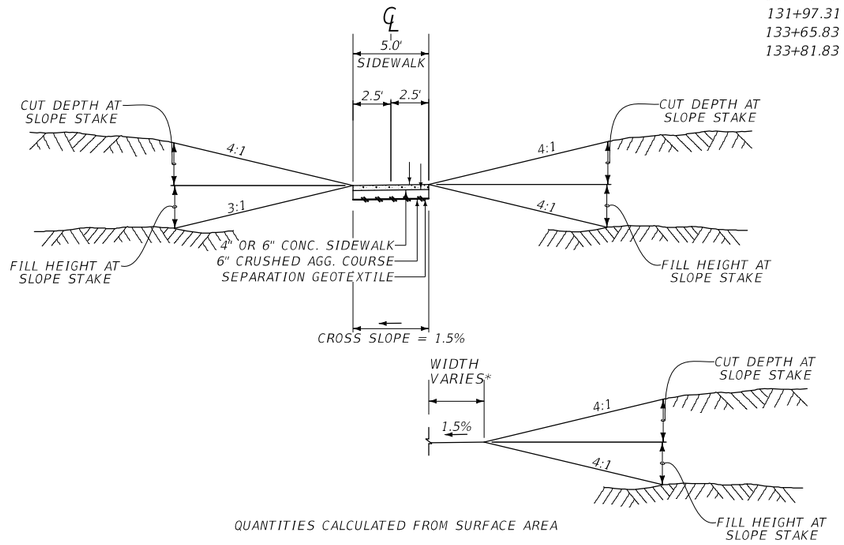
SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

TYPICAL SECTION NO. 5

MAINLINE

123+84.30	TO 124+03.88	TYP. NO. 5 - 4" CONC.
124+03.88	TO 124+32.03	TYP. NO. 5 - 6" CONC.
124+32.03	TO 130+45.70	TYP. NO. 5 - 4" CONC.
130+45.70	TO 130+76.70	TYP. NO. 5 - 6" CONC.
130+76.70	TO 131+79.45	TYP. NO. 5 - 4" CONC.
131+79.45	TO 131+97.31	TYP. NO. 5 - 6" CONC.
131+97.31	TO 133+65.83	TYP. NO. 5 - 4" CONC.
133+65.83	TO 133+81.83	TYP. NO. 5 - 6" CONC.
133+81.83	TO 134+26.12	TRANS. TYP. NO. 5 TO TYP. NO. 6



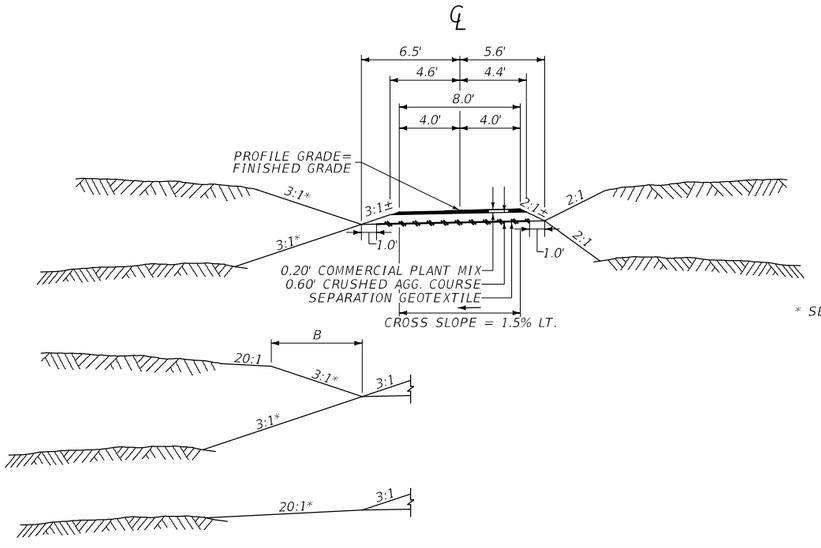
QUANTITIES CALCULATED FROM SURFACE AREA

* SEE CROSS SECTIONS FOR DEVIATIONS

DITCH DEVIATIONS				
STATION			WIDTH (FT)	REMARKS
FROM	TO		B	
149+00.00	149+08.20	LT.	TRANSITION FROM 2.0' TO 1.6'	

TYPICAL SECTION NO. 6

MAINLINE



134+26.12	TO 138+18.92	TYP. NO. 6
138+18.92	TO 138+24.92	SEE SIDEWALK DRAIN DETAIL
138+24.92	TO 142+41.78	TYP. NO. 6
142+41.78	TO 142+50.00	TRANS. TYP. NO. 6 TO TYP. NO. 7
143+50.00	TO 149+04.87	TYP. NO. 6
149+04.87	TO 149+10.87	SEE SIDEWALK DRAIN DETAIL
149+10.87	TO 149+50.00	TYP. NO. 6; NEXT TYP. - TYP. NO. 2

* SEE CROSS SECTIONS FOR DEVIATIONS

QUANTITIES		
UNIT	AGGREGATE	
	PLANT MIX	CR. AGG. COURSE
AREA square feet	1.70	6.33
cubic yards PER STATION	6.3	23.4
tons PER STATION	12.1	
square yards PER STATION		

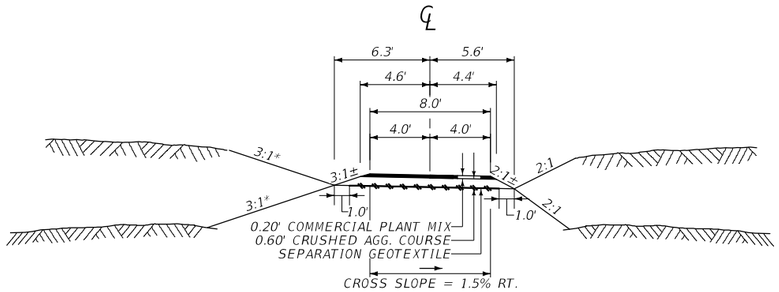
SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDTY02.DGN	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	7
		1:47:47 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

TYPICAL SECTION NO. 7

MAINLINE



142+50.00	TO 143+00.00	TYP. NO. 7
143+00.00	TO 143+50.00	TRANS. TYP. NO. 7 TO TYP. NO. 6

* SEE CROSS SECTIONS FOR DEVIATIONS

QUANTITIES		
UNIT	AGGREGATE	
	PLANT MIX	CR. AGG. COURSE
AREA square feet	1.70	6.27
cubic yards PER STATION	6.3	23.2
tons PER STATION	12.1	
square yards PER STATION		

SANDERSON STEWART

3 2	MONTANA Department of Transportation	...\9441000\RD\9441000RDTYP07.DGN 7/23/2024 1:47:48 PM kedam	DESIGNED BY DRAWN BY REVIEWED BY CHECKED BY			ROAD PLANS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 8

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

SUMMARY

SURFACING

STATION		linear feet				FOR	AGGREGATE		square yards	REMARKS
							tons	cubic yards		
FROM	TO	GROSS	NET	+	-		COMM. 3/8" PL. MI X PG 58-28	CRUSHED AGG. COURSE	SEPARATION GEOTEXTILE	
100+52.52	101+00.00	47.48	47.48			SHARED-USE PATH	6	11	65	TYP. NO. 1
101+00.00	101+20.92	20.92	20.92			SHARED-USE PATH	3	5	29	TRANS. TYP. NO. 1 TO TYP. NO. 2
101+20.92	112+42.61	1,121.69	1,121.69			SHARED-USE PATH	142	301	1,545	TYP. NO. 2
112+42.61	112+90.94	48.33	0.00		48.33	PUBLIC APPROACH CROSSING				CENTRAL AVE.
112+90.94	114+50.00	159.06	159.06			SHARED-USE PATH	20	43	219	TYP. NO. 2
114+50.00	121+39.26	689.26	689.26			SHARED-USE PATH	85	156	774	TYP. NO. 3
121+39.26	121+45.26	6.00	0.00		6.00	SIDEWALK DRAIN				SEE SIDEWALK DRAIN DETAIL
121+45.26	122+70.22	124.96	124.96			SHARED-USE PATH	15	28	140	TYP. NO. 3
122+70.22	123+26.67	56.45	0.00		56.45	PUBLIC APPROACH CROSSING				6TH AVE. NE (INCL. IN APPROACH QUANT.)
123+26.67	123+55.44	28.77	28.77			CONCRETE SIDEWALK			26	TYP. NO. 4 (SEE SIDEWALK FRAME FOR QUANTITIES)
123+55.44	123+84.30	28.86	28.86			CONCRETE SIDEWALK			21	TRANS. TYP. NO. 4 TO TYP. NO. 5 (SEE SIDEWALK FRAME FOR QUANTITIES)
123+84.30	133+81.83	997.53	997.53			CONCRETE SIDEWALK			554	TYP. NO. 5 (SEE SIDEWALK FRAME FOR QUANTITIES)
133+81.83	134+26.12	44.29	44.29			CONCRETE SIDEWALK			32	TRANS. TYP. NO. 5 TO TYP. NO. 6 (SEE SIDEWALK FRAME FOR QUANTITIES)
134+26.12	138+18.92	392.80	392.80			SHARED-USE PATH	48	92	441	TYP. NO. 6
138+18.92	138+24.92	6.00	0.00		6.00	SIDEWALK DRAIN				SEE SIDEWALK DRAIN DETAIL
138+24.92	142+41.78	416.86	416.86			SHARED-USE PATH	50	98	468	TYP. NO. 6
142+41.78	142+50.00	8.22	8.22			SHARED-USE PATH	1	2	9	TRANS. TYP. NO. 6 TO TYP. NO. 7
142+50.00	143+00.00	50.00	50.00			SHARED-USE PATH	6	12	55	TYP. NO. 7
143+00.00	143+50.00	50.00	50.00			SHARED-USE PATH	6	12	55	TRANS. TYP. NO. 7 TO TYP. NO. 6
143+50.00	149+04.87	554.87	554.87			SHARED-USE PATH	67	130	623	TYP. NO. 6
149+04.87	149+10.87	6.00	0.00		6.00	SIDEWALK DRAIN				SEE SIDEWALK DRAIN DETAIL
149+10.87	149+50.00	39.13	39.13			SHARED-USE PATH	5	9	44	TYP. NO. 6
149+50.00	149+80.19	30.19	30.19			SHARED-USE PATH	4	8	42	TYP. NO. 2
149+80.19	149+86.19	6.00	0.00		6.00	SIDEWALK DRAIN				SEE SIDEWALK DRAIN DETAIL
149+86.19	151+66.87	180.68	180.68			SHARED-USE PATH	23	48	249	TYP. NO. 2
151+66.87	151+72.87	6.00	0.00		6.00	SIDEWALK DRAIN				SEE SIDEWALK DRAIN DETAIL
151+72.87	175+89.70	2,416.83	2,416.83			SHARED-USE PATH	307	648	3,330	TYP. NO. 2
175+89.70	175+95.70	6.00	6.00			CONCRETE SIDEWALK			8	TYP. NO. 4
						ADDITIONAL SURFACING	114	278		
TOTAL		7,543.18	7,408.40	0.00	134.78		902	1,881	8,729	

GRADING

STATION		cubic yards		REMARKS
		EXC.	EMB. IN PLACE	
FROM	TO			
100+52.52	175+95.70	1,069	884	
			1,497	TOPSOIL REPLACEMENT INCL. 6TH AVE NE DITCH
		260	25	ADDITIONAL GRADING
TOTAL		# 1,329	2,406	

FOR INFORMATION ONLY

ADDITIONAL GRADING

STATION		cubic yards INCL. IN GRAD. FRAME		REMARKS
		EXC.	EMB. iN PLACE	
FROM	TO			
115+44		10		PRIVATE APPROACH
117+60		15		PRIVATE APPROACH
122+18		5		PRIVATE APPROACH
122+98		25		PUBLIC APPROACH (6TH AVE NE)
124+18		25		PRIVATE APPROACH
130+61		20		PRIVATE APPROACH
131+89		10	5	PRIVATE APPROACH
133+74		15		PRIVATE APPROACH
142+62		10		PRIVATE APPROACH
149+46		15		PRIVATE APPROACH
157+51 LT		5	5	PATH CONNECTION
164+06 LT		5	5	PATH CONNECTION
171+82 LT		5	5	PATH CONNECTION
200+00.00	202+05.76	95	5	6TH AVE NE DITCH
SUBTOTAL		260	25	

ADDITIONAL SURFACING (INCLUDED IN THE SURFACING FRAME)

STATION		linear feet				FOR	AGGREGATE		REMARKS
							tons	cubic yards	
FROM	TO	GROSS	NET	+	-		COMM. 3/8" PL. MIX PG 58-28	CRUSHED AGG. COURSE	
						1 - PUBLIC APPROACH	32	33	
						9 - PRIVATE APPROACHES	71	200	
						3 - PATH CONNECTIONS	7	37	
122+84 LT	123+26 LT					CULVERT REPLACEMENT	4	8	
TOTAL		~	~	~	~		114	278	

SUBSURFACE DRAIN

STATION		square yards SUBSURFACE DRAIN FILTER HIGH SURV.	cubic yards DRAIN AGGREGATE	REMARKS
FROM	TO	CLASS A		
200+00.00	200+56.60	113	34	6TH AVE NE DITCH
200+65.94	201+24.41	117	43	6TH AVE NE DITCH
201+66.08	202+05.76	79	29	6TH AVE NE DITCH
TOTAL		309	106	

SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

SUMMARY

SIDEWALK

STATION FROM	STATION TO	square yards: CONCRETE SIDEWALK * 4"	square yards: CONCRETE SIDEWALK * 6"	square yards: DETECTABLE WARNING DEVICES TYPE 1	square yards: SEPARATION GEOTEXTILE MOD. SURV.	linear feet: WIDTH	each: SIDEWALK DRAIN **	REMARKS
112+42.61	112+50.61		7.3	1.8	8	8.0		
112+82.94	112+90.94		7.2	1.8	8	8.0		
121+42.26							1	0.0' LT.
122+70.22	122+79.78		5.9	2.3	10	8.0		
123+16.83	123+26.67		6.1	2.3	10	8.0		
123+26.67	134+26.12	580.7	51.8					
138+21.92							1	0.0' LT.
149+07.87							1	0.0' LT.
149+83.19							1	0.0' LT.
151+69.87							1	0.0' LT.
175+89.70	175+95.70		5.3	1.8	6	8.0		
TOTAL		580.7	83.6	10.0	42	~	5	

* 6" CRUSHED AGGREGATE COURSE INCLUDED IN UNIT BID PRICE FOR CONCRETE SIDEWALK.
** INCLUDES ADJACENT 4" CONCRETE SIDEWALK AND 6" CRUSHED AGGREGATE COURSE. SEE DETAILS.

PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION #	TOTAL
WORDS & SYMBOLS - WHITE PAINT	gallon	3		3
WORDS & SYMBOLS - WHITE EPOXY	gallon		3	3

BASED ON 1 APPLICATION.

CULVERTS (INCLUDE IN SUMMARY RECAP)

STATION	linear feet: RCPA CLASS 3 36.25" x 22.5"	linear feet: RCPA CLASS 4 22" x 13.5"	END SECTIONS LEFT	END SECTIONS RIGHT	linear feet: REMOVE CULVERT	linear feet: HEIGHT OF COVER	cubic yards: BEDDING *	square feet: INSULATION 2" THICK	SKEW ANGLE	CULVERT IN PL. in x ft	REMARKS
111+09		20	FETS	FETS		0.5	3.6				RCPA 18 IN EQ DIA
112+32		28	SAFETY SLOPE END SECTION	SAFETY SLOPE END SECTION		0.5	5.0		33° LT.		RCPA 18 IN EQ DIA, 6:1 END SECTION SLOPE
113+68	24		FETS	FETS		0.7	8.0				RCPA 30 IN EQ DIA
113+80 LT.										30-in x 72.5-ft RCP	DO NOT DISTURB
122+76		92	SAFETY SLOPE END SECTION	SAFETY SLOPE END SECTION	91.0	0.5	16.5	84	39° RT.	15-in x 91.0-ft CMP	RCPA 18 IN EQ DIA, 6:1 END SECTION SLOPE
TOTAL	~	~	~	~	~	~	~	~	~	~	

* FOR INFORMATION ONLY. INCLUDED IN THE COST OF THE CULVERT.

APPROACH PIPE (INCLUDED IN CULVERT SUMMARY RECAP)

STATION	BASIC BID ITEMS: CULVERT PIPE in	BASIC BID ITEMS: linear feet: LENGTH OF PIPE	BASIC BID ITEMS: linear feet: REMOVE CULVERT	PIPE OPTIONS in: CONCRETE - CLASS 4	PIPE OPTIONS in: SCHEDULE 80 PVC	END SECTIONS: LEFT	END SECTIONS: RIGHT	linear feet: HEIGHT OF COVER	SKEW ANGLE	CULVERT IN PL. in x ft	REMARKS
133+74 LT.	22 x 13.5	50	21.7	22 x 13.5		SAFETY SLOPE END SECTION	SAFETY SLOPE END SECTION	0.5		18 x 21.7 CMP	RCPA 18 IN EQ DIA, 6:1 END SECTION SLOPE
149+44 LT.	22 x 13.5	94	60.3	22 x 13.5		SAFETY SLOPE END SECTION	SAFETY SLOPE END SECTION	1.8	1° RT.	18 x 60.3 CMP	RCPA 18 IN EQ DIA, 6:1 END SECTION SLOPE
157+51 LT.	6	12			6			0.7			
164+06 LT.	6	12			6			0.3			
171+82 LT.	6	12			6			0.4			
TOTAL	~	~	~	~	~	~	~	~	~	~	

CULVERT SUMMARY RECAP

BASIC BID	linear feet: NEW PIPE (TOTAL)	linear feet: REMOVE CULVERT	square feet: INSULATION
6" PVC	36		
RCPA 18 IN EQ DIA	284		
RCPA 30 IN EQ DIA	24		
TOTAL	~	173.0	84

SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

SUMMARY

BOLLARDS

STATION	each		REMARKS
	NEW BOLLARD - REMOVABLE	REMOVE BOLLARD	
151+49	1		
175+00 RT.		1	
175+02 LT.		4	
175+03	1		
TOTAL	2	5	

FENCING

STATION		linear feet				each							linear feet	REMARKS
		WILDLIFE FRIENDLY	FARM FENCE		REMOVE FENCE #	WILDLIFE FRIENDLY PANEL		FARM FENCE PANEL			CHAIN LINK PANEL	DEADMAN	FARM GATE	
		TYPE WF4W-4S	TYPE F2W-39WW	TYPE F4M		SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE				
FROM	TO					WFW	WFW	FW	FW	FM	SINGLE		TYPE G-3	
151+48.65 LT				28						2				TIE TO EXISTING FENCE
157+39.55 LT					31									
157+36.61 LT	157+46.61 LT				10						1			TIE TO EXISTING FENCE
157+46.61 LT	157+54.61 LT				8									
157+54.61 LT	157+64.61 LT				10						1			TIE TO EXISTING FENCE
163+91.71 LT	164+01.71 LT				10						1			TIE TO EXISTING FENCE
164+01.71 LT	164+09.71 LT				8									
164+09.71 LT	164+19.70 LT				10						1			TIE TO EXISTING FENCE
167+96.32 LT	171+78.00 LT		382						2					
171+78.00 LT	171+86.00 LT												8	
171+86.00 LT	175+03.35 LT		318					2						
175+03.35 LT			25					2						TIE TO EXISTING FENCE
136+42.87 RT	142+53.95 RT	609			646	1	2							TIE TO EXISTING FENCE
142+53.95 RT	142+69.95 RT												16	
142+69.95 RT	144+10.00 RT	141			149		3							TIE TO EXISTING FENCE
151+48.65 RT				11						1				TIE TO EXISTING FENCE
157+39.55 RT					9									
175+03.38 RT			11					1						TIE TO EXISTING FENCE
SUBTOTAL		750	736	39	891	1	5	5	2	3	4	1	24	
TOTAL		750	736	39	~	1	5	5	2	3	4	1	24	

FOR INFORMATION ONLY. REMOVAL COST IS INCIDENTAL TO NEW FENCE BID ITEMS.

TOPSOIL & SEEDING

STATION		cubic yards	acres					REMARKS
		TOPSOIL SALVAGING & PLACING	SEED		FERTILIZER		MULCH	
FROM	TO		NO. 1	NO. 2	NO. 1	NO. 2		
100+52.52	112+50.61	274	1.2		1.2			
112+82.94	122+79.78	186	0.5		0.5			
123+16.83	149+50.00	405	1.0	0.4	1.0	0.4	0.3	
149+50.00	175+95.83	588	1.4		1.4			
200+00.00	202+05.76	30	0.1	0.1	0.1	0.1		
TOTAL		1,483	4.2	0.5	4.2	0.5	0.3	

EROSION CONTROL BLANKET

STATION		square yards	REMARKS
		LONG TERM BLANKET	
FROM	TO		
149+00.20	149+33.02	8	LT - (2.0' WIDTH x 33.2' LENGTH) SEE CROSS SECTIONS
200+00.00	202+05.76	335	LINE DITCH - SEE CROSS SECTIONS
TOTAL		343	

SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

200+00

PIPE TRENCH LIMITS

REMOVE EX. 15" CMP

NEW 22" X 13.5" RCPA

NYHAGEN RD

WARP DITCH TO FOLLOW EDGE OF EXISTING ROAD

POB 200+00.00

PROPOSED CONST. LIMITS

6TH AVE NE

N 2° 07' 32" E

PC 201+24.41

PRC 201+35.98

PRC 201+54.51

PT 201+66.08

POE 202+05.76

N 2° 07' 32" E

INSULATION. SEE TRENCH DETAIL FOR INSULATION PLACEMENT AND SIZE. DO NOT PLACE INSULATION WITHIN THE LIMITS OF THE DITCH.

DO NOT DISTURB EX. UTILITY POLE AND TELE. PEDESTAL

RESET GUY WIRE (BY OTHERS)

EX. R/W

EX. R/W

TREE ROW

SUBSURFACE DRAIN EXTENTS

SUBSURFACE DRAIN EXTENTS

SUBSURFACE DRAIN EXTENTS

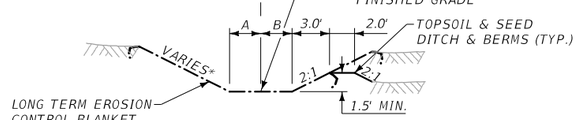
UTILITY CROSSINGS
200+61 1.25" GAS X-ING - 1.2' DEPTH
201+45 O.H. POWER X-ING - UNKNOWN CLR

PI =201+30.30
Δ =26° 31' 51" (LT)
R =25'
T =5.89'
L =11.58'
E =0.69'

PI =201+45.97
Δ =53° 03' 43" (RT)
R =20'
T =9.99'
L =18.52'
E =2.35'

PI =201+60.40
Δ =26° 31' 51" (LT)
R =25'
T =5.89'
L =11.58'
E =0.69'

6TH AVE NE DITCH WIDTH			
STATION		WIDTH (ft)	
FROM	TO	A	B
200+00.00	200+25.00	TRANS. 1.0 TO 2.5	TRANS. 1.0 TO 2.5
200+25.00	201+35.00	2.5	2.5
201+35.00	201+40.00	2.5	TRANS. 2.5 TO 1.0
201+40.00	201+50.00	2.5	1.0
201+50.00	201+55.00	2.5	TRANS. 1.0 TO 2.5
201+55.00	202+05.76	2.5	2.5

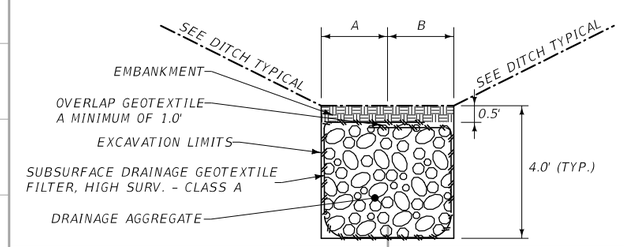


STA. 200+00.00 TO STA. 202+05.76

* SEE CROSS SECTIONS

DITCH TYPICAL SECTION

SUBSURFACE DRAIN DETAIL



SUBSURFACE DRAIN
200+00.00 TO 200+56.60
200+65.94 TO 201+24.41
201+66.08 TO 202+05.76

NOTES:

1. WRAP ENDS OF SUBSURFACE DRAIN WITH GEOTEXTILE.
2. INCLUDE COST OF TRENCH EXCAVATION IN THE UNIT BID PRICE FOR DRAIN AGGREGATE.

3750

3745

3,748.18

3,747.97

NEW 22" X 13.5" x 92.0' RCPA

-0.100%

LONG TERM EROSION CONTROL BLANKET 200+00.00 TO 202+05.76

RELOCATE EX. 1.25" GAS LINE (BY OTHERS)

DITCH PROFILE GRADE

GRADE APPROX. 2:1 SLOPE TO TRANSITION TO EXISTING SURFACE

200+00 200+50 201+00 201+50 202+00

6TH AVE NE DITCH CENTERLINE ALIGNMENT TABLE				
STATION	DESCRIPTION	N OR Y COORDINATE	E OR X COORDINATE	REMARKS
200+00.00	POT	1,613,797.117	1,286,966.137	BEGIN 6TH AVE NE DITCH
201+24.41	PC	1,613,921.439	1,286,970.751	
201+35.98	PRC	1,613,932.695	1,286,968.534	
201+54.51	PRC	1,613,950.550	1,286,969.197	
201+66.08	PT	1,613,961.612	1,286,972.242	
202+05.76	POT	1,614,001.264	1,286,973.714	END 6TH AVE NE DITCH

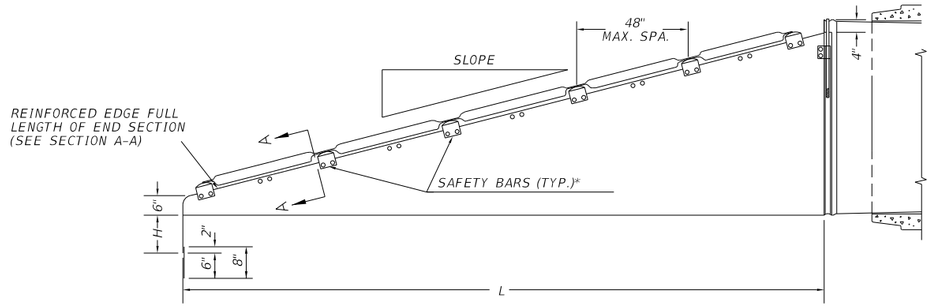
SANDERSON STEWART

6TH AVE NE DITCH DETAIL

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDD01.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
2		7/23/2024	REVIEWED BY				
		1:47:57 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	12

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



SIDE ELEVATION FOR CROSS DRAINAGE STRUCTURE

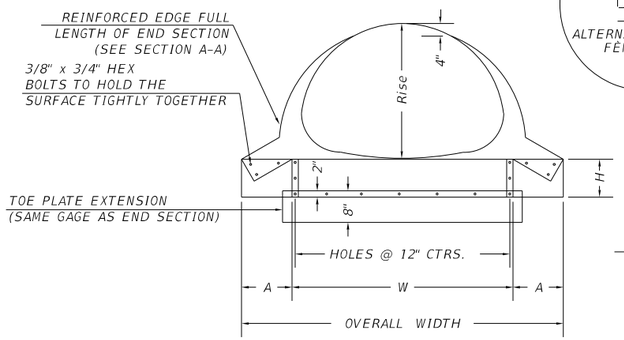
METAL END SECTIONS FOR REINFORCED CONCRETE ARCHED PIPES										
Equv. Dia. (In.)	(Inches)		Min. Thick.		Dimensions (Inches)				L Dimensions	
	Span	Rise	In.	Gage	A	H	W	Overall Width	Slope	Length (In.)
18	21	15	.064	16	8	6	27	43	6:1	30

GENERAL NOTES

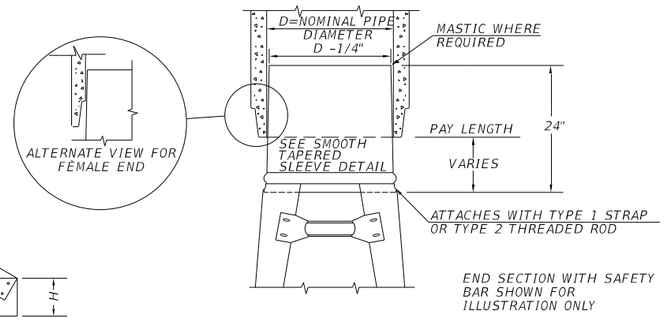
STEEL
GALVANIZED STEEL SHALL MEET A.A.S.H.T.O. SPECIFICATIONS.

CONNECTORS
ATTACH WITH TYPE #2 RODS AND LUGS.

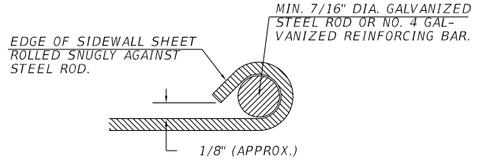
TOE PLATE EXTENSIONS
WHEN REQUIRED, TOE PLATE EXTENSIONS ARE TO BE THE SAME GAGE AS END SECTION. DIMENSIONS SHALL BE OVERALL WIDTH LESS 6 INCHES BY 8 INCHES HIGH.



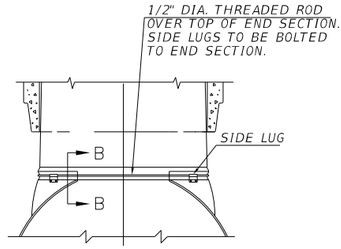
FRONT VIEW



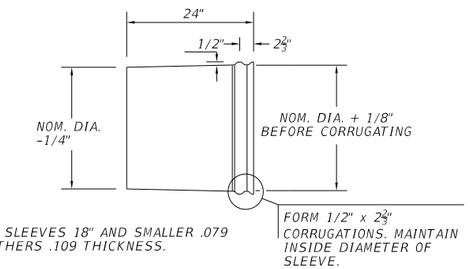
TAPERED SLEEVE FOR ATTACHING STEEL END SECTIONS TO CONCRETE PIPE



SECTION A-A

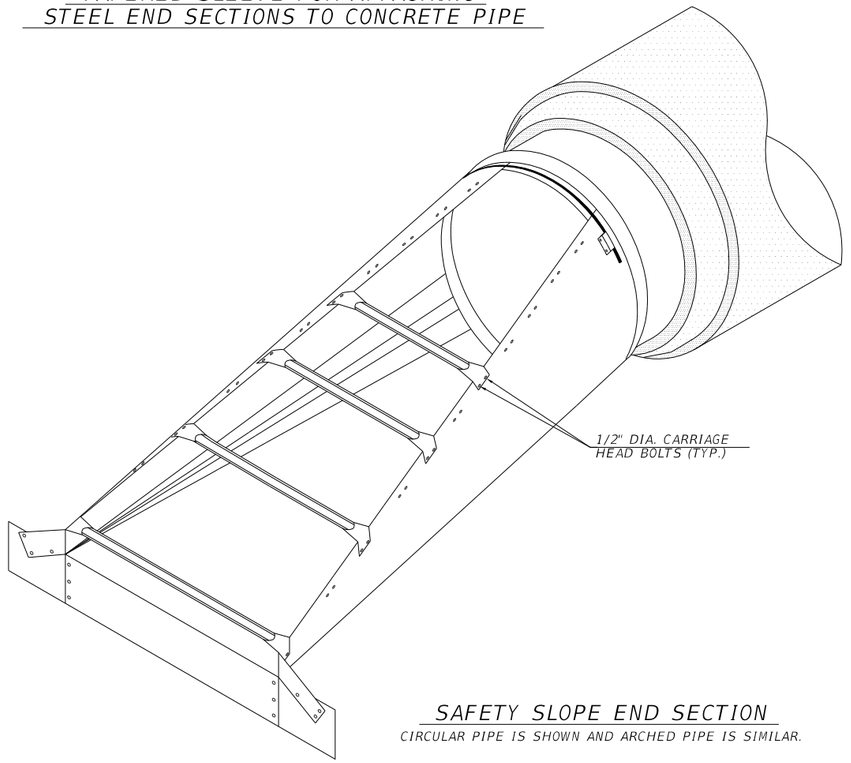


TYPE #2 CONNECTOR DETAILS



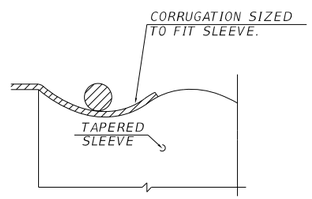
NOTE: SLEEVES 18" AND SMALLER .079
ALL OTHERS .109 THICKNESS.

SMOOTH TAPERED SLEEVE DETAIL

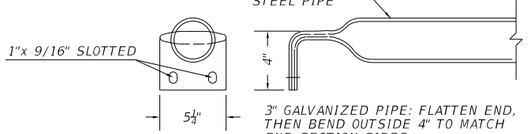


SAFETY SLOPE END SECTION

CIRCULAR PIPE IS SHOWN AND ARCHED PIPE IS SIMILAR.



SECTION B-B



3" GALVANIZED PIPE: FLATTEN END, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

SAFETY BAR DETAIL

SAFETY SLOPE END SECTION DETAIL

NOT TO SCALE

SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDD01.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY				
		1:48:02 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	13

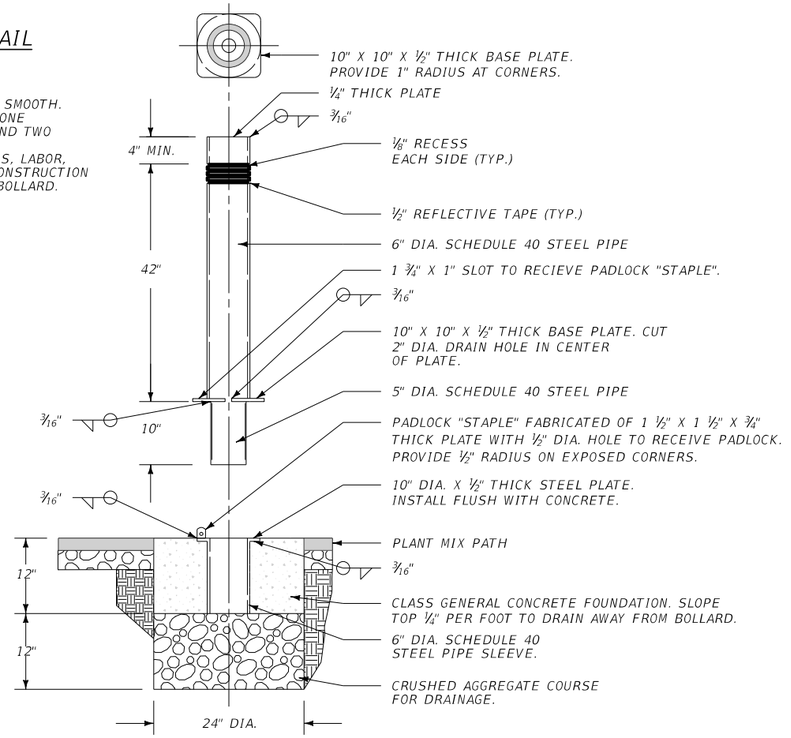
Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

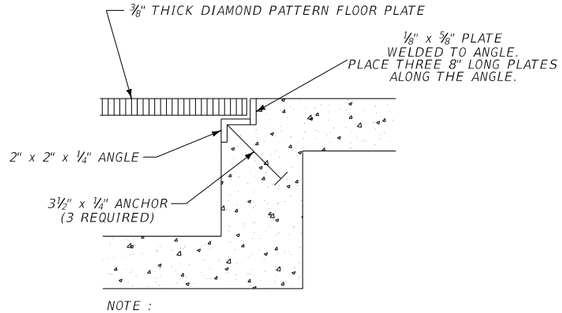
AWARD COPY

REMOVABLE BOLLARD DETAIL

NOTES:

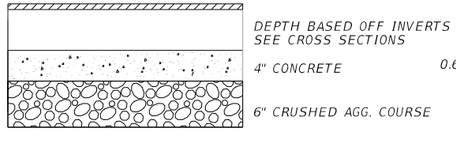
1. GRIND ALL CORNERS AND ALL WELDS SMOOTH.
2. PAINT ENTIRE ASSEMBLY WITH MIN. ONE COAT OF RUST INHIBITING PRIMER AND TWO COATS OF FINISH COLOR YELLOW.
3. INCLUDE THE COST OF ALL MATERIALS, LABOR, AND OTHER ITEMS INCIDENTAL TO CONSTRUCTION IN THE UNIT COST FOR REMOVABLE BOLLARD.



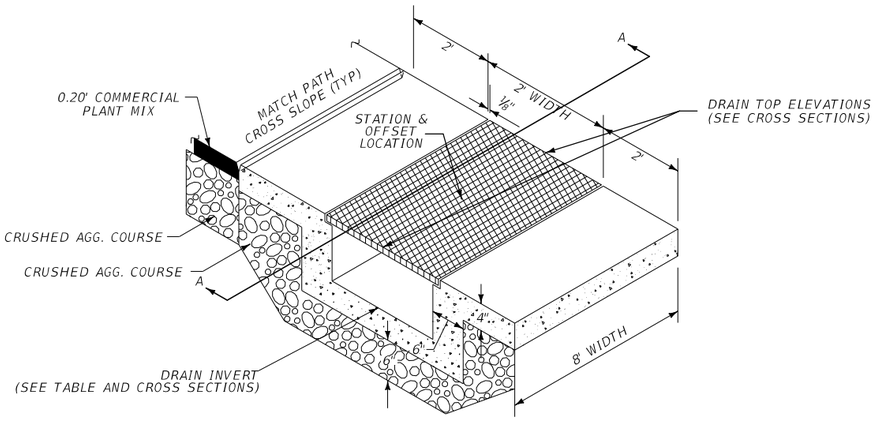


NOTE :

1. FINISH GRADE WILL BE LEVEL WITH TOP OF PATH
2. SPOT WELD GRATE TO ⅛" x ⅜" x 8" LONG BRACE TO SECURE



SECTION A-A



SIDEWALK DRAIN DETAIL

BID ITEM IS SIDEWALK DRAIN PER EACH. INCLUDE ALL MATERIALS, LABOR, AND OTHER ITEMS INCIDENTAL TO CONSTRUCTION IN THE UNIT COST.

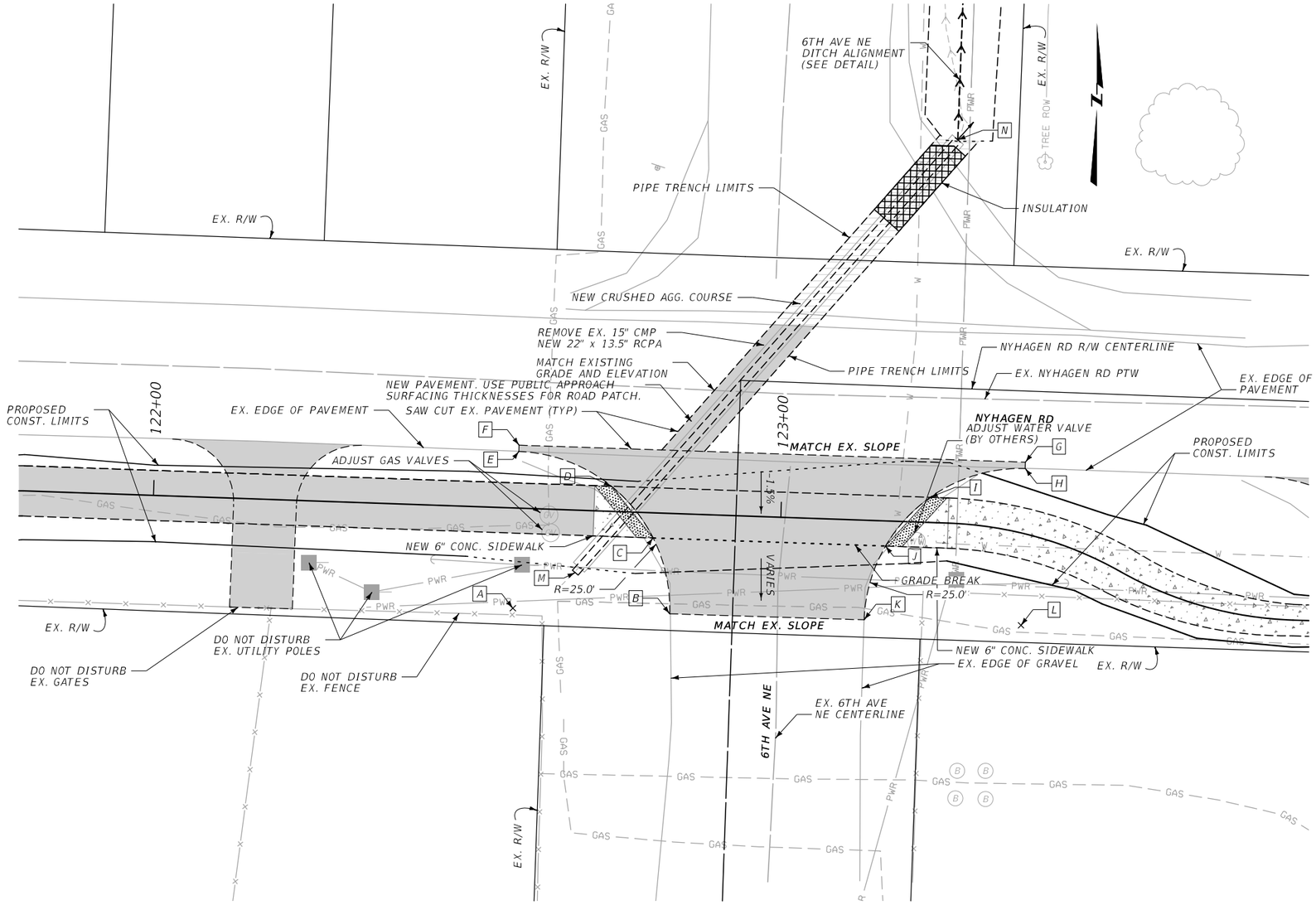
SIDEWALK DRAIN					
STATION	OFFSET	INVERT ELEV.		CUBIC YARDS	
		LT.	RT.	CONC. #	CRUSHED AGGREGATE COURSE #
121+42.26	0.0' LT.	3749.06'	3749.02'	0.9	1.4
138+21.92	0.0' LT.	3747.86'	3747.82'	0.9	1.4
149+07.87	0.0' LT.	3728.28'	3728.40'	0.7	1.3
149+83.19	0.0' LT.	3729.17'	3729.29'	0.7	1.3
151+69.87	0.0' LT.	3728.81'	3728.85'	0.9	1.4

#QUANTITIES PROVIDED FOR INFORMATION ONLY

SANDERSON STEWART

MISCELLANEOUS DETAILS

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



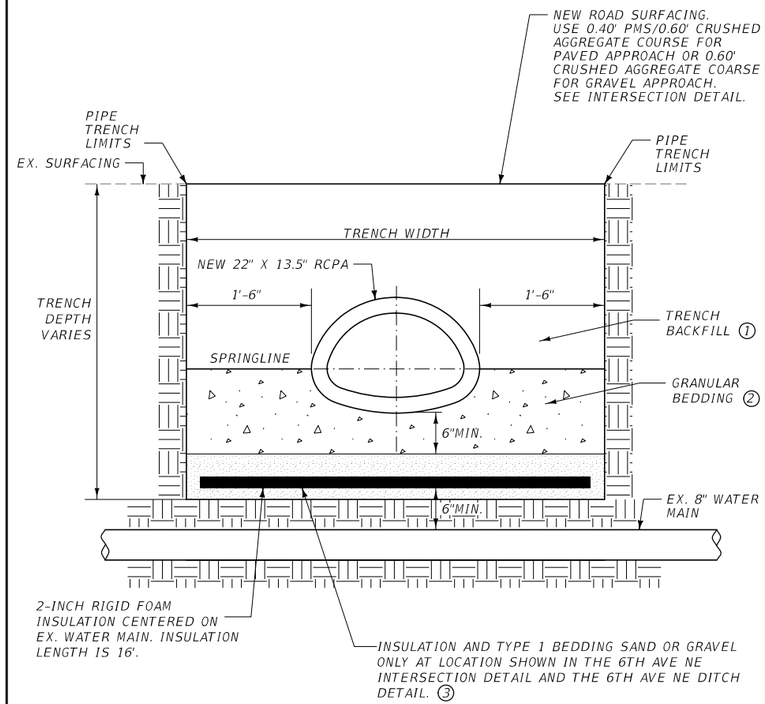
6TH AVE NE INTERSECTION DETAIL

COORDINATE TABLE						
POINT NAME	STATION	OFFSET	N OR Y COORDINATE	E OR X COORDINATE	ELEVATION	DESCRIPTION
A	122+57.83	15.97' RT	1,613,722.502	1,286,895.246	~	RP
B	122+82.83	15.98' RT	1,613,721.623	1,286,920.231	3,750.04	PC -MATCH EX. ELEV.
C	122+79.78	4.00' RT	1,613,733.702	1,286,917.597	3,750.66	POC
D	122+72.87	4.00' LT	1,613,741.938	1,286,910.970	3,750.75	POC
E	122+57.92	9.03' LT	1,613,747.483	1,286,896.210	3,750.71	PT -MATCH EX. ELEV.
F	122+57.93	10.03' LT	1,613,748.483	1,286,896.248	3,750.72	POT -MATCH EX. ELEV.
G	123+36.81	11.14' LT	1,613,745.773	1,286,976.912	3,750.79	POT -MATCH EX. ELEV.
H	123+36.96	10.16' LT	1,613,744.773	1,286,976.885	3,750.78	PC -MATCH EX. ELEV.
I	123+23.66	4.00' LT	1,613,740.171	1,286,961.732	3,750.81	POC
J	123+16.83	4.00' RT	1,613,732.413	1,286,954.626	3,750.72	POC
K	123+13.83	15.86' RT	1,613,720.661	1,286,951.216	3,750.59	PT -MATCH EX. ELEV.
L	123+42.80	14.23' RT	1,613,719.783	1,286,976.201	~	RP
M	122+67.58	9.95' RT	1,613,728.177	1,286,905.197	3,748.76	INV. IN
N	123+26.07	61.06' LT	1,613,797.108	1,286,966.128	3,748.18	INV. OUT

LEGEND:

- NEW PAVEMENT
- NEW CONCRETE
- NEW TRUNCATED DOME
- NEW CRUSHED AGG. COURSE

RP = RADIUS POINT
PC = POINT OF CURVATURE
POC = POINT ON CURVE
PT = POINT OF TANGENCY



TRENCH DETAIL

NOTES:

(1) TRENCH BACKFILL: PLACE PER STANDARD SPECIFICATION 603.03.4. GRANULAR BEDDING MAY BE SUBSTITUTED AT NO ADDITIONAL COST. PAYMENT FOR TRENCH BACKFILLING IS INCLUDED IN THE UNIT PRICE PER FOOT OF PIPE.

(2) THE BEDDING MATERIAL DIRECTLY UNDERNEATH THE PIPE SHOULD BE LEFT UNCOMPACTED TO FACILITATE THE INSTALLATION OF THE PIPE.

COMPACT GRANULAR BEDDING BY PROOF ROLLING WITH VIBRATORY COMPACTOR IN 8 INCH LIFTS OR BY USING A METHOD APPROVED BY THE PROJECT MANAGER.

INCLUDE THE COST OF GRANULAR BEDDING MATERIAL FOR PIPES LESS THAN 54" DIAMETER IN THE COST OF PIPE.

SURFACING IS PAID FOR SEPARATELY.

(3) PROVIDE BEDDING MATERIAL MIN. 2-INCHES AROUND BOTTOM AND SIDES AND MIN. 4-INCHES OVER TOP OF INSULATION. USE TYPE 1 BEDDING SAND OR GRAVEL (MAX 3/4-INCH SIZE) FOR BEDDING MATERIAL. BEDDING MATERIAL COST IS INCIDENTAL TO THE COST OF THE INSULATION. ENSURE THAT INSULATION BOARD IS INSTALLED ON A SMOOTH SURFACE AND TAKE CARE WHEN BACKFILLING TO AVOID DAMAGE TO INSULATION BOARD.

6TH AVE NE INTERSECTION DETAIL
SCALE 1" = 10'

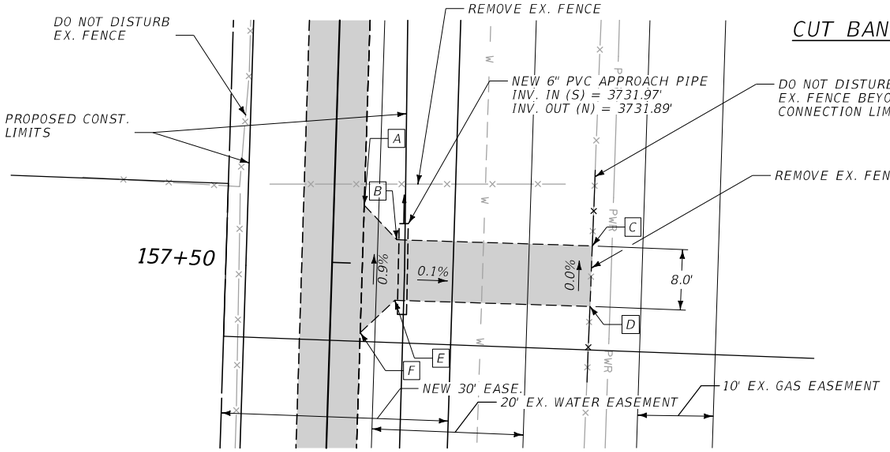
TRENCH DETAIL

SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDDET01.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK / TA 18(68)
1		7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000 / 15
		1:48:05 PM kedam	CHECKED BY			

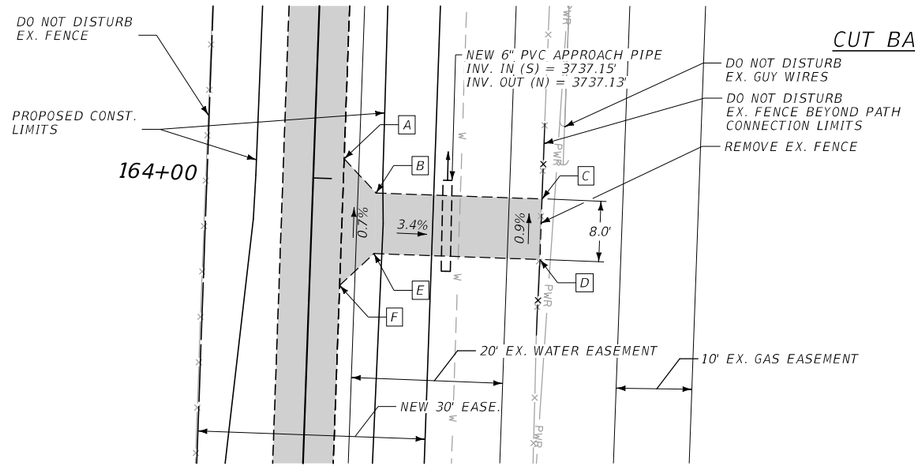
Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

CUT BANK SPORTS COMPLEX



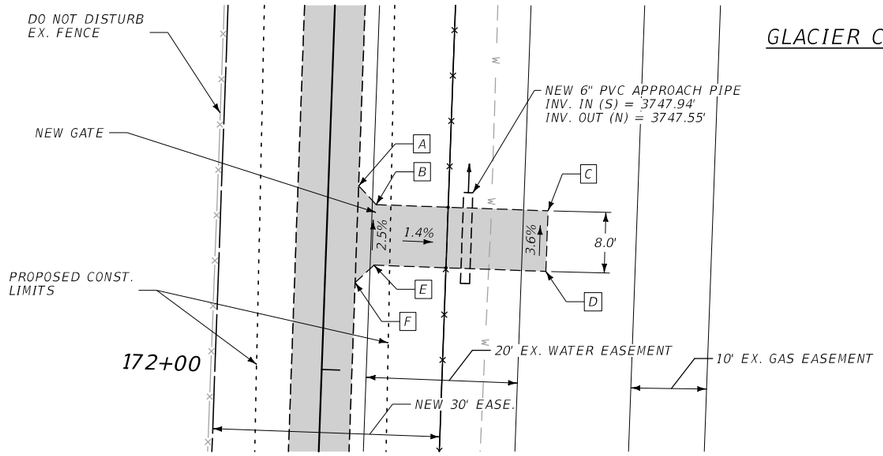
COORDINATE TABLE						
POINT NAME	STATION	OFFSET	N OR Y COORDINATE	E OR X COORDINATE	ELEVATION	DESCRIPTION
A	157+42.18	4.00' LT	1,612,834.747	1,289,559.301	3,733.20	POT
B	157+46.61	8.43' LT	1,612,830.182	1,289,563.588	3,733.24	POT
C	157+46.61	34.27' LT	1,612,829.366	1,289,589.417	+/-3733.24	POT -MATCH EX. ELEV.
D	157+54.61	34.21' LT	1,612,821.372	1,289,589.100	+/-3733.24	POT -MATCH EX. ELEV.
E	157+54.61	8.43' LT	1,612,822.186	1,289,563.335	3,733.30	POT
F	157+59.04	4.00' LT	1,612,817.899	1,289,558.770	3,733.35	POT

CUT BANK SCHOOL DISTRICT



COORDINATE TABLE						
POINT NAME	STATION	OFFSET	N OR Y COORDINATE	E OR X COORDINATE	ELEVATION	DESCRIPTION
A	163+97.33	4.00' LT	1,612,179.929	1,289,537.960	3,738.57	POT
B	164+01.71	8.37' LT	1,612,175.404	1,289,542.176	3,738.53	POT
C	164+01.71	30.31' LT	1,612,174.620	1,289,564.094	+/-3737.69	POT -MATCH EX. ELEV.
D	164+09.71	30.31' LT	1,612,166.625	1,289,563.808	+/-3737.76	POT -MATCH EX. ELEV.
E	164+09.71	8.37' LT	1,612,167.409	1,289,541.887	3,738.58	POT
F	164+14.08	4.00' LT	1,612,163.196	1,289,537.362	3,738.68	POT

GLACIER COUNTY HISTORICAL SOCIETY



COORDINATE TABLE						
POINT NAME	STATION	OFFSET	N OR Y COORDINATE	E OR X COORDINATE	ELEVATION	DESCRIPTION
A	171+75.60	4.00' LT	1,611,402.164	1,289,509.987	3,749.37	POT
B	171+78.00	6.40' LT	1,611,399.679	1,289,512.299	3,748.83	POT
C	171+78.00	29.11' LT	1,611,398.857	1,289,534.995	+/-3748.47	POT -MATCH EX. ELEV.
D	171+86.00	29.09' LT	1,611,390.863	1,289,534.679	+/-3748.76	POT -MATCH EX. ELEV.
E	171+86.00	6.40' LT	1,611,391.684	1,289,512.009	3,749.03	POT
F	171+88.39	4.01' LT	1,611,389.380	1,289,509.533	3,749.69	POT

LEGEND:

NEW PAVEMENT

PATH CONNECTION DETAILS

SCALE 1" = 10'

SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDD01.DGN	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK / UPN 9441000 / TA 18(68)
2		7/23/2024	REVIEWED BY		GLACIER COUNTY	16
		1:48:07 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
100+01 U.G. TEL X-ING - UNKNOWN DEPTH
100+52 GAS X-ING - UNKNOWN DEPTH
100+93 U.G. TEL X-ING - 3.4' DEPTH

EX. R/W
EX. R/W
EX. R/W
EX. R/W

100+00
POB 100+00.00
PC 100+62.09
PT 101+20.92
GAS LINE DRAWN PER RECORDS BUT WAS NOT FOUND IN FIELD
HIGHWAY 213
EX. CURB
DO NOT DISTURB EX. SIDEWALK
TEL
GAS
N 87° 11' 40" E
S 87° 59' 25" E

PI =100+91.52
Δ =4° 48' 55" (RT)
R =700'
T =29.43'
L =58.83'
E =0.62'

POT 100+52.52
BEG. TA 18(68)

LEGEND:
NEW PAVEMENT
NEW CONCRETE
NEW TRUNCATED DOME
NEW CRUSHED AGG. COURSE

T. 33 N. R. 6 W.

+52.52
NEW 8" PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE
101+50.00
EL.3,769.45
3,768.10
+1.385%
150' VC

3770
3760
100+00
101+00
102+00

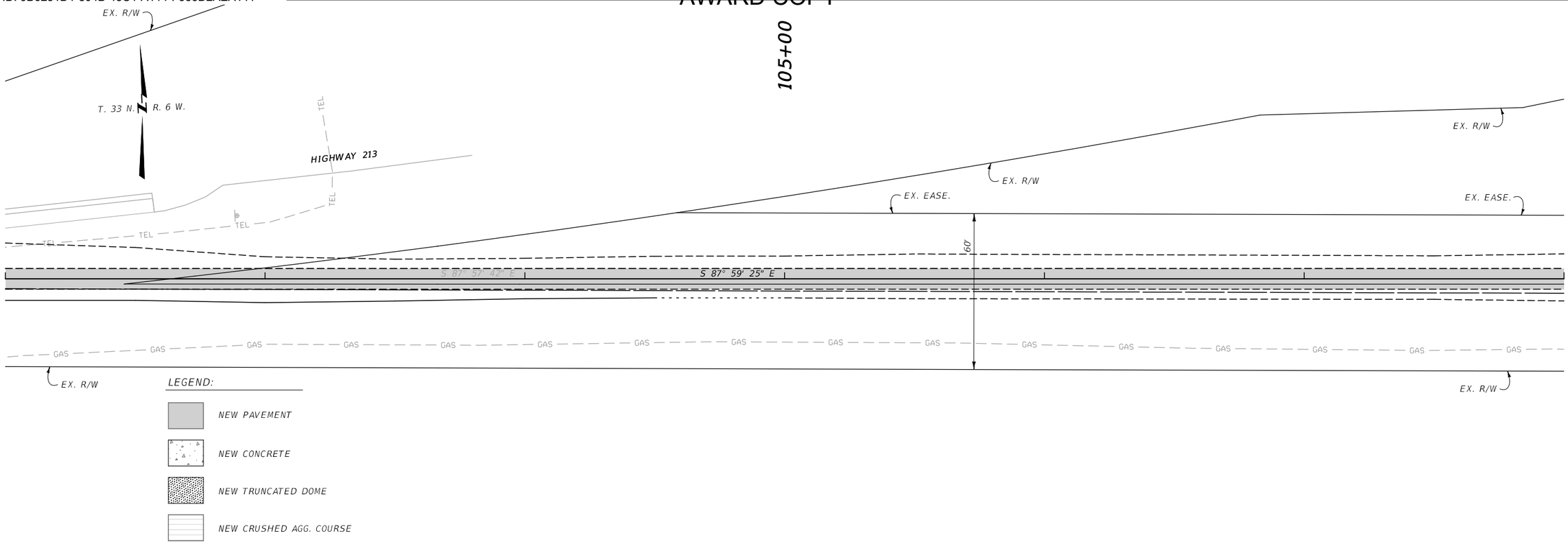
SANDERSON STEWART

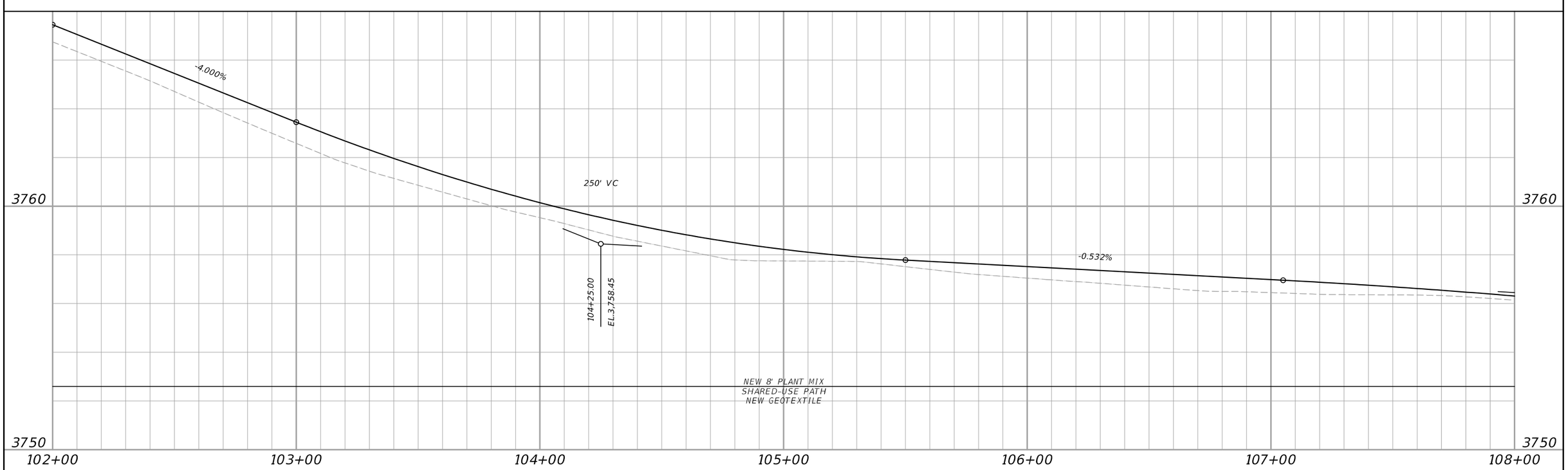
3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN01.DGN	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
2		7/23/2024	REVIEWED BY				
		1:48:10 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	17

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

105+00





SANDERSON STEWART

3 1	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN01.dgn 7/23/2024 1:48:11 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		ROAD PLANS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 18

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
111+80 GAS X-ING - UNKNOWN DEPTH
113+44 GAS X-ING - UNKNOWN DEPTH

110+00

EX. R/W
EX. EASE.
60'
S 87° 59' 25" E
GAS
EX. R/W
T. 33 N. R. 6 W.

LEGEND:
NEW PAVEMENT
NEW CONCRETE
NEW TRUNCATED DOME
NEW CRUSHED AGG. COURSE

PC 111+18.78
EX. R/W
EX. EASE.
EX. R/W
PT 111+90.70
PC 112+06.36
S 55° 34' 50" E
EX. R/W
111+09
NEW 22" x 13.5" RCPA
PI =111+62.56
Δ =82° 24' 35" (RT)
R =50'
T =43.78'
L =71.92'
E =16.46'

EX. CENTRAL AVE CENTERLINE
EX. NYHAGEN RD PTW
EX. R/W
NYHAGEN RD
CENTRAL AVE
PT 112+51.84
PC 112+94.20
PRC 113+40.79
N 87° 32' 32" E
112+32
NEW 22" x 13.5" RCPA
SKEW 33° LT.
PI =112+34.76
Δ =86° 52' 38" (LT)
R =30'
T =28.41'
L =45.49'
E =11.32'
PI =113+18.75
Δ =44° 29' 25" (LT)
R =60'
T =24.54'
L =46.59'
E =4.82'
PI =113+81.97
Δ =49° 10' 09" (RT)
R =90'
T =41.18'
L =77.23'
E =8.97'
113+68
NEW 36.25" x 22.5" RCPA
113+80
30" RCP IN PL. LT.
DO NOT DISTURB

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE
NEW 8' CONC. SIDEWALK
(6" THICK) & NEW GEOTEXTILE
+42.61
+50.61
+82.94
+90.94
NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE
NEW 8' CONC. SIDEWALK
(6" THICK) & NEW GEOTEXTILE

3760
3750
108+10.00
EL.3,756.40
210' VC
-1.200%
LOW PT
+56.74
53.69
170' VC
111+00.00
EL.3,752.92
+09
112+42.61
EL.3,758.18
+3.688%
+0.500%
+32
112+50.61
EL.3,758.22
112+82.94
EL.3,759.02
112+90.94
EL.3,758.90
-1.500%
-4.996%
100' VC
+68
113+75.00
EL.3,754.70

108+00 109+00 110+00 111+00 112+00 113+00 114+00

SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN01.dgn	DESIGNED BY	ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	19
		1:48:12 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
114+88 U.G. TEL X-ING – UNKNOWN DEPTH
115+00 6" GAS X-ING – 2.7' DEPTH

115+00 | 120+00 | 295+00

EX. R/W | 80' EX. R/W PER PROJECT STPS 213-1(13)0 | EX. R/W | EX. R/W | EX. R/W

PT 114+18.03 | POB 291+50.00 | FP | TEL | GAS

NYHAGEN RD
S 88° 07' 40" E
S 87° 52' 26" E
EX. NYHAGEN RD PTW
S 87° 46' 44" E

50' | 60'

BEG. CONST. PMT.
AT PROPERTY LINE
BEG. ACQUISITION RT.

NOTE: STATIONING SHOWN IN GRAY IS PER THE R/W BASELINE

LEGEND:
- NEW PAVEMENT
- NEW CONCRETE
- NEW TRUNCATED DOME
- NEW CRUSHED AGG. COURSE

T. 33 N. R. 6 W.

115+44
PRIVATE APP.
24.0' TOP WIDTH

117+60
PRIVATE APP.
12.0' TOP WIDTH

-0.600% | 50' VC | -0.500% | -0.838%

116+00.00 EL.3,753.35

118+50.00 EL.3,752.10

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE

3750 | 3740

114+00 | 115+00 | 116+00 | 117+00 | 118+00 | 119+00 | 120+00

SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
2		7/23/2024	REVIEWED BY				
1		1:48:13 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	20

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
121+26 GAS X-ING - UNKNOWN DEPTH
121+34 GAS X-ING - UNKNOWN DEPTH
121+78 GAS X-ING - UNKNOWN DEPTH
122+63 GAS X-ING - UNKNOWN DEPTH
123+18 8" WATER X-ING - UNKNOWN DEPTH
123+28 O.H POWER X-ING - UNKNOWN CLR
123+47 WATER X-ING - UNKNOWN DEPTH
123+63 O.H POWER X-ING - UNKNOWN CLR

WATER VALVE BOXES - ADJUSTED BY OTHERS
123+21.7 3.1 RT

GAS VALVE BOXES - ADJUSTED BY OTHERS
122+63.1 0.9 RT
122+63.4 3.8 RT

120+00
125+00
300+00

EX. R/W
PC 121+23.13
PT 121+43.26
PC 121+59.35
PT 121+79.25
SEE DETAIL
PRC 123+55.44
PT 123+84.30
PC 123+26.67
NYHAGEN RD
EX. NYHAGEN RD PTW
60'
50'
30'
S 87° 46' 44" E
S 88° 00' 22" E
N 72° 59' 47" E
S 87° 52' 26" E
S 88° 05' 00" E
EX. EASE.
30' EX. PIPELINE EASE.
STA. 123+23 TO STA. 130+34
REMOVE FENCE, BY OTHERS
EX. R/W
DO NOT DISTURB
EX. UTILITY POLES
STA. 121+39 TO STA. 122+63
DO NOT DISTURB EX. FENCE
DO NOT DISTURB
EX. UTILITY POLE
6TH AVE NE
30'
GAS
PWR
W

P1 =121+33.29
Δ =19° 13' 29" (LT)
R =60'
T =10.16'
L =20.13'
E =0.85'

298+49.00
END CONST. PMT.

P1 =121+69.39
Δ =18° 59' 51" (RT)
R =60'
T =10.04'
L =19.89'
E =0.83'

P1 =123+41.34
Δ =27° 28' 42" (RT)
R =60'
T =14.67'
L =28.78'
E =1.77'

P1 =123+70.15
Δ =27° 33' 20" (LT)
R =60'
T =14.71'
L =28.86'
E =1.78'

ST-1

122+76
NEW 22" X 13.5" RCPA
SKEW 39° RT.

122+76
15" CMP IN PL.
REMOVE

T 33 N, R 6 W
T 33 N, R 5 W

LEGEND:
NEW PAVEMENT
NEW CONCRETE
NEW TRUNCATED DOME
NEW CRUSHED AGG. COURSE

N

NOTE: STATIONING SHOWN IN GRAY IS PER THE R/W BASELINE

122+18
PRIVATE APP.
10.0' TOP WIDTH

122+98
PUBLIC APP.
(6TH AVE NE)
31.0' TOP WIDTH
SEE DETAIL

124+18
PRIVATE APP.
28.0' TOP WIDTH

121+42.26
NEW SIDEWALK DRAIN
SEE DETAIL

122+77.06
EL.3,750.72

123+19.51
EL.3,750.78

100' VC
LOW PT.
+42.26
49.87

+0.766%
+76
-0.892%
100' VC
-0.147%
LOW PT.
+64.03
49.57

121+40.00
EL.3,749.67

124+35.00
EL.3,749.75

3750
3740

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE

NEW 8' CONC. SIDEWALK
& NEW GEOTEXTILE
+70.22
+79.18
NEW 8' CONC. SIDEWALK
(6" THICK) & NEW GEOTEXTILE

NEW CONC. SIDEWALK WIDTH
VARIES & NEW GEOTEXTILE
+16.83
+26.67
+55.44
+84.30
+03.88
+32.03
NEW 8' CONC. SIDEWALK
(6" THICK) & NEW GEOTEXTILE
NEW 5' CONC. SIDEWALK &
NEW GEOTEXTILE
NEW 5' CONC. SIDEWALK
(6" THICK) & NEW GEOTEXTILE

NEW 5' CONCRETE SIDEWALK
NEW GEOTEXTILE

120+00
121+00
122+00
123+00
124+00
125+00
126+00

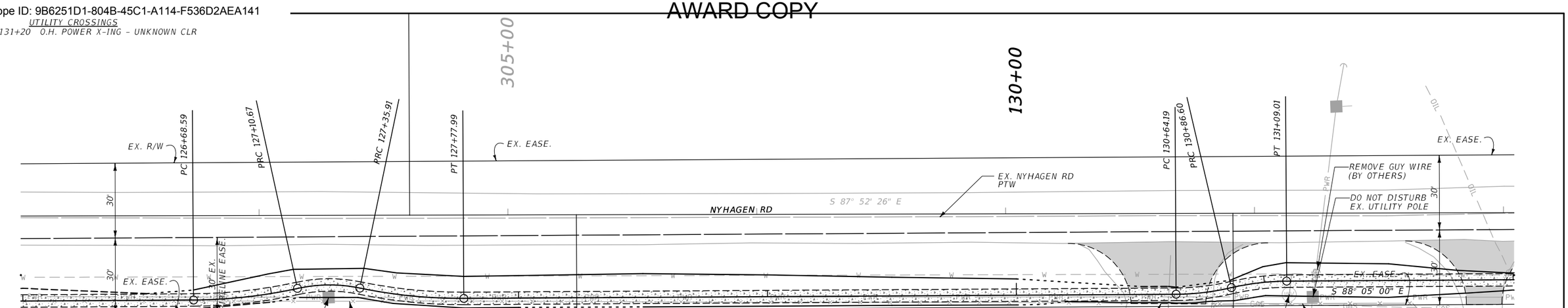
SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN.DWG	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	21
		1:48:15 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
131+20 O.H. POWER X-ING - UNKNOWN CLR



PI =126+89.70
Δ =12° 03' 18" (LT)
R =200'
T =21.12'
L =42.08'
E =1.11'

PI =127+23.48
Δ =24° 06' 36" (RT)
R =60'
T =12.81'
L =25.25'
E =1.35'

PI =127+57.03
Δ =12° 03' 18" (LT)
R =200'
T =21.12'
L =42.08'
E =1.11'

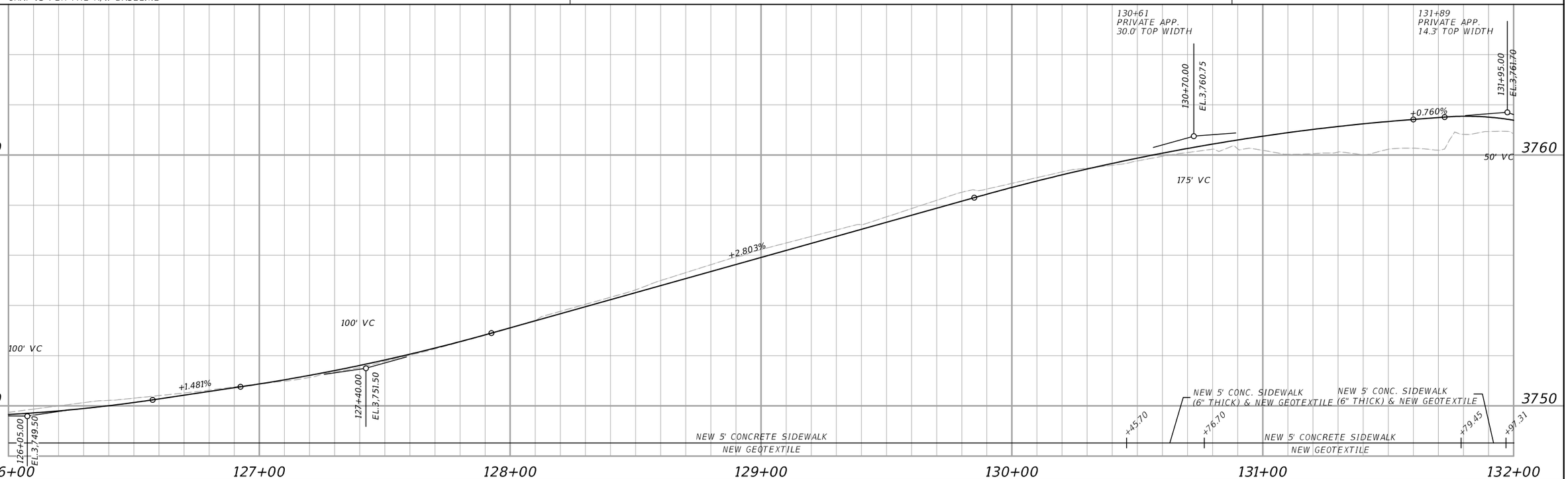
T. 33 N. R. 5 W.

PI =130+75.45
Δ =12° 50' 19" (LT)
R =100'
T =11.25'
L =22.41'
E =0.63'

PI =130+97.85
Δ =12° 50' 19" (RT)
R =100'
T =11.25'
L =22.41'
E =0.63'

LEGEND:
- NEW PAVEMENT
- NEW CONCRETE
- NEW TRUNCATED DOME
- NEW CRUSHED AGG. COURSE

NOTE: STATIONING SHOWN IN GRAY IS PER THE R/W BASELINE

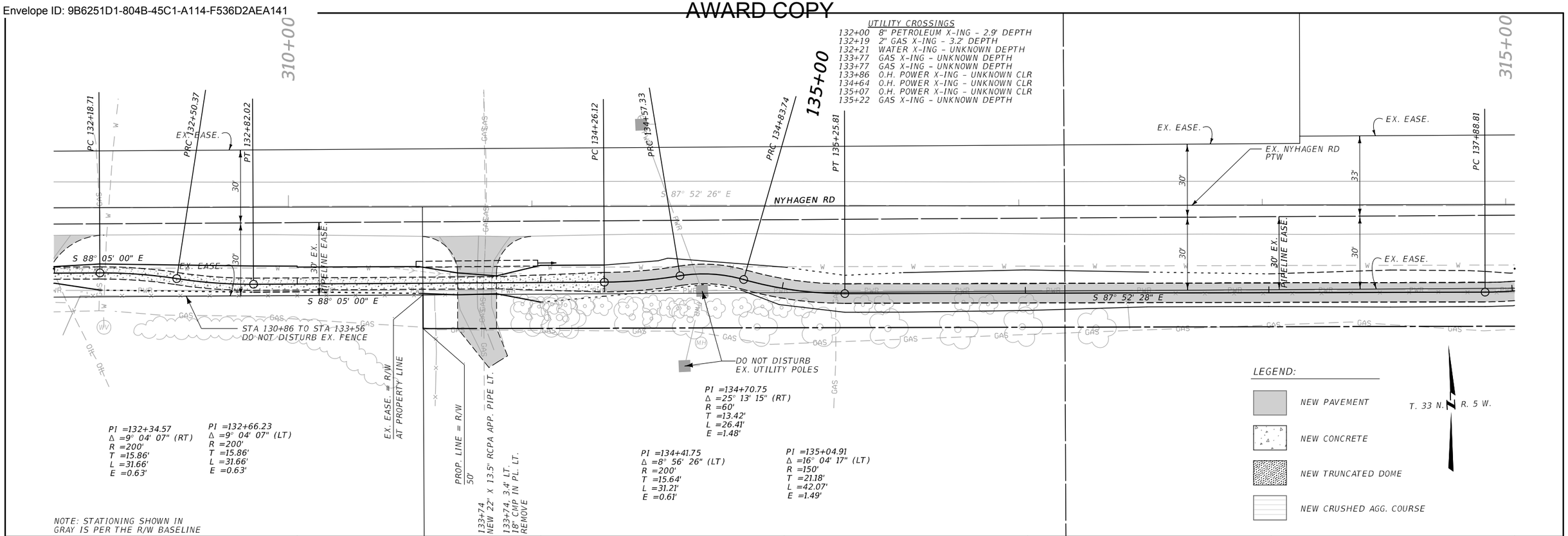


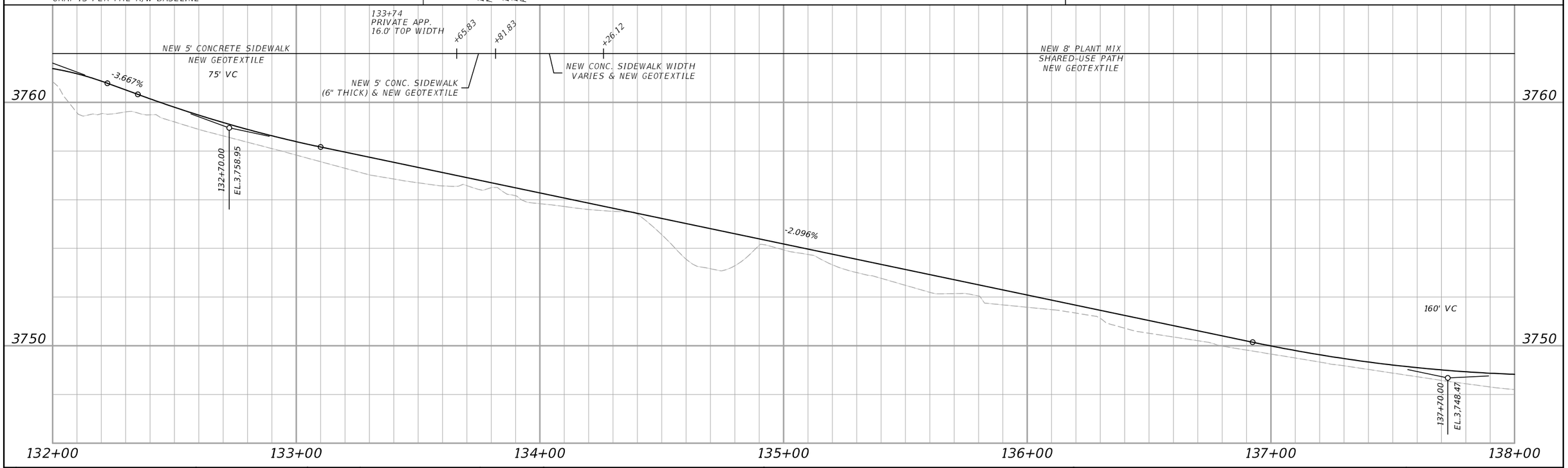
SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	22
		1:48:16 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY





SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN.dgn	DESIGNED BY	ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
N		7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	23
		1:48:18 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

140+00

320+00

PRC 138+21.92
PRC 138+88.14
PT 139+21.25
PC 141+00.06
PRC 141+35.49
PRC 142+06.35
PT 142+41.78
PC 143+55.81
PRC 143+92.67

EX. EASE.

S 87° 52' 26" E
NYHAGEN RD

EX. NYHAGEN RD
PTW

33'
30'
50'
30' EX. PIPELINE EASE

ST 2

S 87° 52' 28" E

DO NOT DISTURB
EX. UTILITY POLE

DO NOT DISTURB
EX. UTILITY POLES
EX. WATER SPIGOT
EX. WATER TROUGH

40' EX. WATER
LINE EASEMENT

20' EX. SANITARY
SEWER EASEMENT

PI =138+55.58
Δ =25° 17' 36" (RT)
R =150'
T =33.66'
L =66.22'
E =3.73'

PI =139+04.76
Δ =12° 38' 48" (LT)
R =150'
T =16.62'
L =33.11'
E =0.92'

PI =138+05.43
Δ =12° 38' 48" (LT)
R =150'
T =16.62'
L =33.11'
E =0.92'

PI =141+17.86
Δ =13° 32' 00" (LT)
R =150'
T =17.80'
L =35.43'
E =1.05'

PI =141+71.59
Δ =27° 03' 59" (RT)
R =150'
T =36.10'
L =70.86'
E =4.28'

PI =142+24.15
Δ =13° 31' 59" (LT)
R =150'
T =17.80'
L =35.43'
E =1.05'

PI =143+74.29
Δ =10° 33' 34" (LT)
R =200'
T =18.48'
L =36.86'
E =0.85'

UTILITY CROSSINGS

138+05	O.H. POWER X-ING - UNKNOWN CLR
138+55	O.H. POWER X-ING - UNKNOWN CLR
139+06	O.H. POWER X-ING - UNKNOWN CLR
141+17	O.H. POWER X-ING - UNKNOWN CLR
141+59	WATER X-ING - UNKNOWN DEPTH
141+75	O.H. POWER X-ING - UNKNOWN CLR
141+79	WATER X-ING - UNKNOWN DEPTH
141+93	2" GAS X-ING - 3.6' DEPTH
142+03	SEWER X-ING - UNKNOWN DEPTH
142+28	O.H. POWER X-ING - UNKNOWN CLR
142+71	WATER X-ING - UNKNOWN DEPTH
143+38	O.H. POWER X-ING - UNKNOWN CLR

LEGEND:

- NEW PAVEMENT
- NEW CONCRETE
- NEW TRUNCATED DOME
- NEW CRUSHED AGG. COURSE

T. 33 N. R. 5 W.

R/W 320+50.00
50'

R/W 321+00.00
39'

NOTE: STATIONING SHOWN IN GRAY IS PER THE R/W BASELINE

3750
3740

LOW PT.
+19.37
48.79

+0.496%

140+40.00
EL. 3,749.81

200' VC

-4.329%

138+21.92
NEW SIDEWALK DRAIN
SEE DETAIL

142+62
PRIVATE APP.
12.0' TOP WIDTH

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE

138+00 139+00 140+00 141+00 142+00 143+00 144+00

SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPL01.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
		7/23/2024	REVIEWED BY				
1		1:48:19 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	24

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

145+00

325+00

PT 144+20.65

EX. EASE.

30'

30' EX. PIPELINE EASE

S 87° 52' 26" E

NYHAGEN RD

EX. NYHAGEN RD PTW

S 87° 44' 42" E

DO NOT DISTURB EX. UTILITY POLE

STA 144+10 TO STA 148+30 DO NOT DISTURB EX. FENCE

DO NOT DISTURB EX. UTILITY POLES

R/W 321+00.00

39'

PI =144+06.70
Δ =10° 41' 20" (RT)
R =150'
T =14.03'
L =27.98'
E =0.65'

T. 33 N. R. 5 W.

LEGEND:

NEW PAVEMENT

NEW CONCRETE

NEW TRUNCATED DOME

NEW CRUSHED AGG. COURSE

NOTE: STATIONING SHOWN IN GRAY IS PER THE R/W BASELINE

PC 149+33.02

PI 326+37.52

Δ = 0° 17" LT

POE 327+00.0

DO NOT DISTURB EX. UTILITY POLE

POB 400+00.00

S 87° 52' 11" E

400+30.19
BEG. 35' EASE.
BEG. ACQUISITION LT.

PT 149+72.09

150+00

PI =149+57.82
Δ =89° 32' 49" (RT)
R =25'
T =24.80'
L =39.07'
E =10.22'

149+44
NEW 22" x 13.5" RCPA APP. PIPE LT.

R/W 326+00.00

38'

R/W 326+37.78

45'

R/W 326+37.69, 29.99' R/W = EX. EASE.

END ACQUISITION RT.

35'

149+44
18" CMP IN PL. LT.
REMOVE

520' VC

144+38.00
EL.3732.58

-0.957%

149+46
PRIVATE APP.
19.1' TOP WIDTH

149+07.87
NEW SIDEWALK DRAIN
SEE DETAIL

149+00.20 TO 149+33.02
NEW EROSION CONTROL BLANKET LT.

149+35.00
EL.3729.80

50' VC

LOW PT
+68.32
28.53

+2.636%

+0.379%

148+80.00
EL.3728.35

50' VC

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE

3730

3720

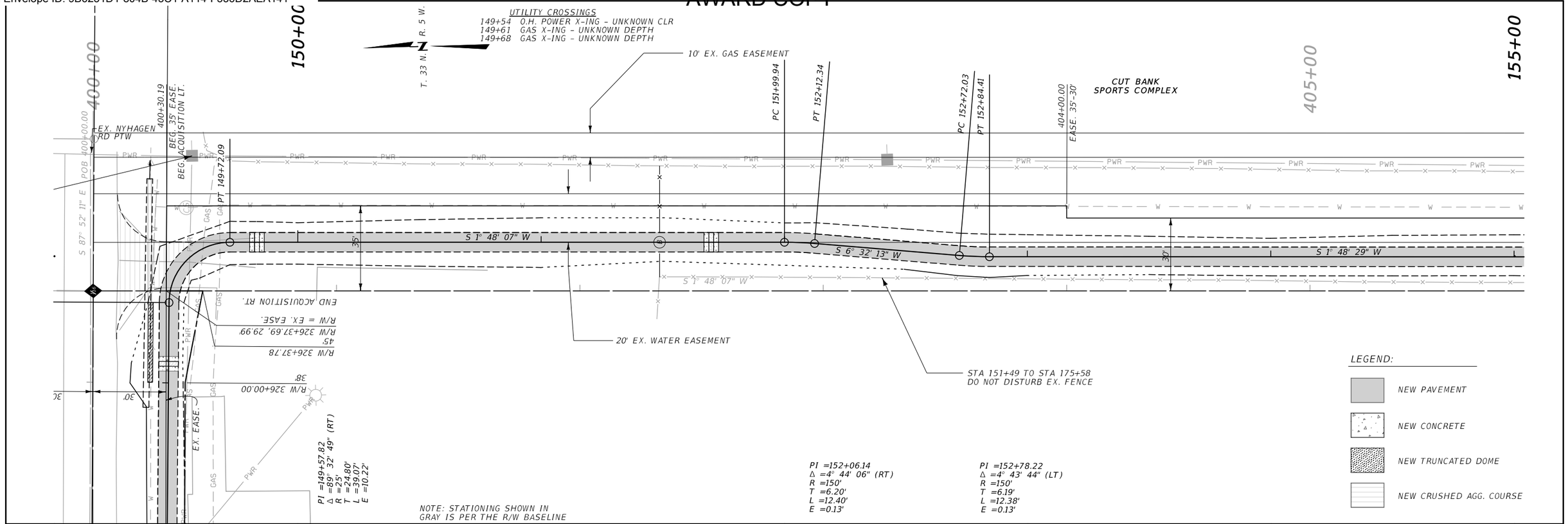
144+00 145+00 146+00 147+00 148+00 149+00 150+00

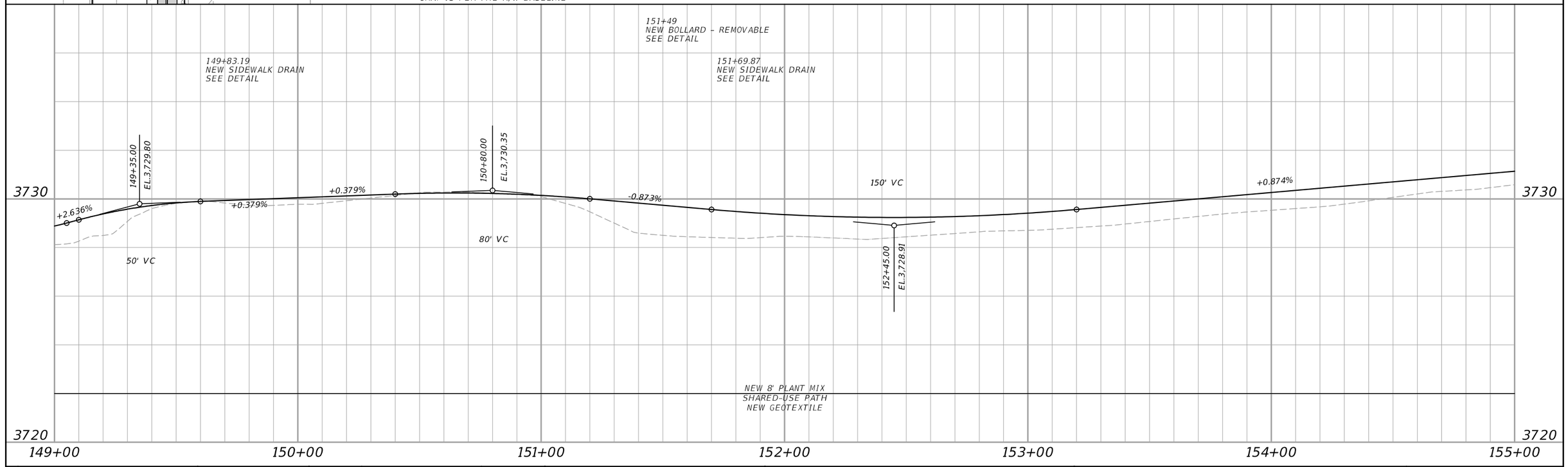
SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDPL.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	25
		1:48:21 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY





SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
2		7/23/2024	REVIEWED BY				
1		1:48:22 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	26

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
158+09 U.G. TEL X-ING - UNKNOWN DEPTH

155+00

T. 33 N. R. 5 W.

CUT BANK
SPORTS COMPLEX

408+43.92 PI
Δ = 0° 00' 22" RT. 30' EASE.

10' GAS EX. EASEMENT

410+00

CUT BANK SCHOOL DISTRICT

160+00

PWR

TEL

W

S 1° 48' 29" W

S 1° 48' 07" W

30'

20' EX. WATER EASEMENT

STA 151+49 TO STA 175+58
DO NOT DISTURB EX. FENCE

157+51 NEW 6" PVC APP. PIPE LT.

LEGEND:

- NEW PAVEMENT
- NEW CONCRETE
- NEW TRUNCATED DOME
- NEW CRUSHED AGG. COURSE

NOTE: STATIONING SHOWN IN
GRAY IS PER THE R/W BASELINE

157+51 LT.
NEW PATH CONNECTION
8.0' TOP WIDTH
SEE DETAIL

+0.874%

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE

3730

3720

155+00 156+00 157+00 158+00 159+00 160+00 161+00

SANDERSON STEWART

3 1	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLS01.dgn 7/23/2024 1:48:24 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		ROAD PLANS GLACIER COUNTY		NYHAGEN RD PATH - CUT BANK UPN 9441000	TA 18(68) 27

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

T. 33 N. R. 5 W.

CUT BANK SCHOOL DISTRICT

415+00

165+00

PI 413+21.05
Δ = 0° 14' 23" RT. 30' EASE.
PI 162+37.19
Δ = 0° 14' 23" RT.

10' EX. GAS EASEMENT

PWR

W

30

S 1° 48' 29" W

S 2° 02' 52" W

20' EX. WATER EASEMENT

STA 151+49 TO STA 175+58
DO NOT DISTURB EX. FENCE

LEGEND:

- NEW PAVEMENT
- NEW CONCRETE
- NEW TRUNCATED DOME
- NEW CRUSHED AGG. COURSE

NOTE: STATIONING SHOWN IN GRAY IS PER THE R/W BASELINE

164+06
NEW 6" PVC APP. PIPE LT.

164+06 LT.
NEW PATH CONNECTION
8.0' TOP WIDTH
SEE DETAIL

3740

3730

162+30.00
EL.3,737.52

+0.874%

50' VC

+0.659%

150' VC

166+00.00
EL.3,739.96

+1.099%

NEW 8' PLANT MIX
SHARED-USE PATH
NEW GEOTEXTILE

161+00 162+00 163+00 164+00 165+00 166+00 167+00

SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\RD\9441000RDPL.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
1		7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	28
		1:48:25 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

UTILITY CROSSINGS
167+03 GAS X-ING - UNKNOWN DEPTH

T. 33 N. R. 5 W.

CUT BANK SCHOOL DISTRICT

GLACIER COUNTY HISTORICAL MUSEUM

420+00

170+00

PI 418+79.90
Δ = 0° 02' 08" RT. 30' EASE.

PI 167+96.17
Δ = 0° 01' 29" RT.

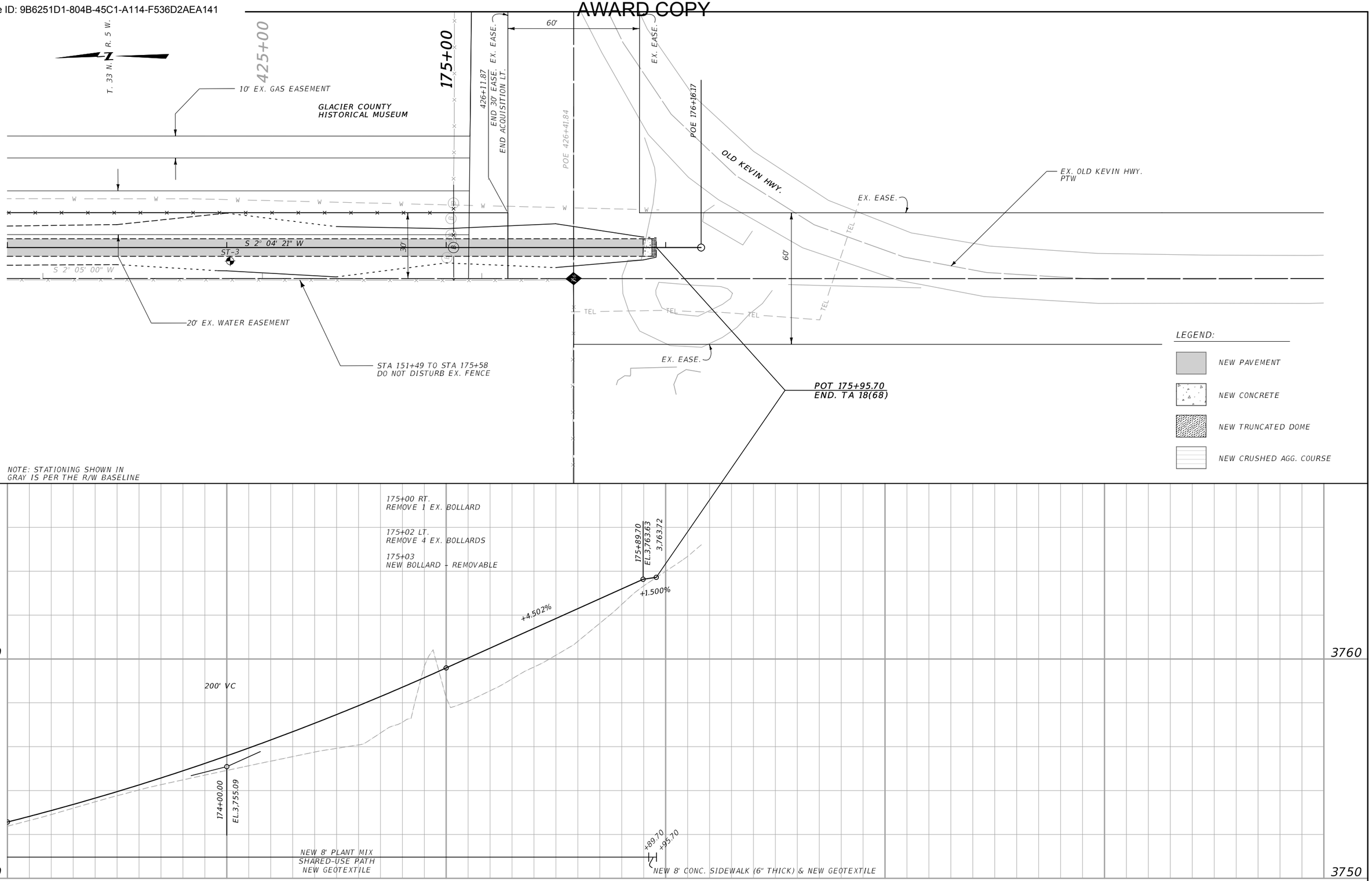
10' EX. GAS EASEMENT

PWR PWR PWR PWR PWR PWR PWR PWR PWR PWR PWR PWR PWR

W W W

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

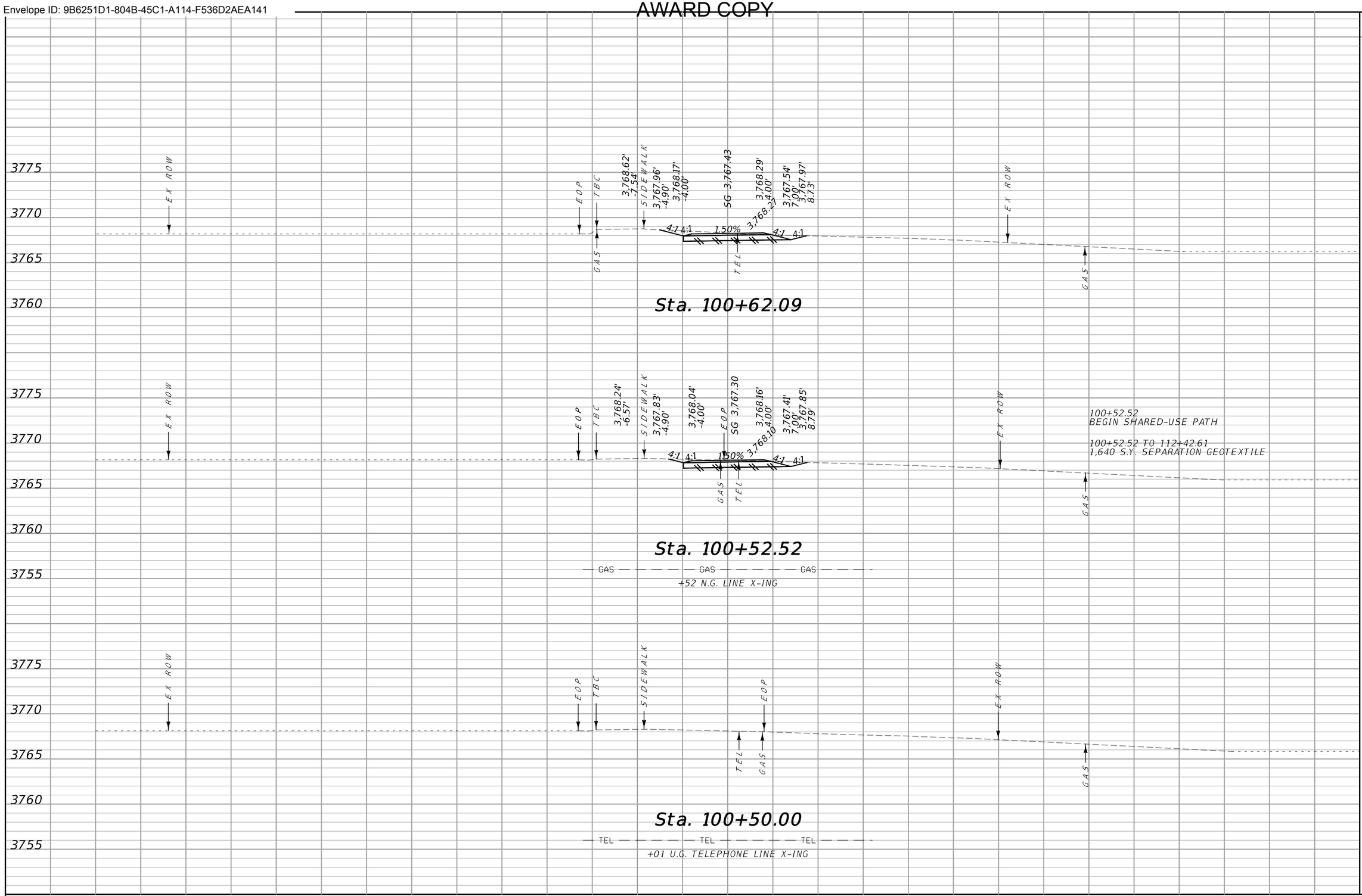


SANDERSON STEWART

3	MONTANA Department of Transportation	...\9441000\RD\9441000RDPLN.dgn	DESIGNED BY		ROAD PLANS	NYHAGEN RD PATH - CUT BANK	TA 18(68)
		7/23/2024	REVIEWED BY				
1		1:48:27 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	30

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



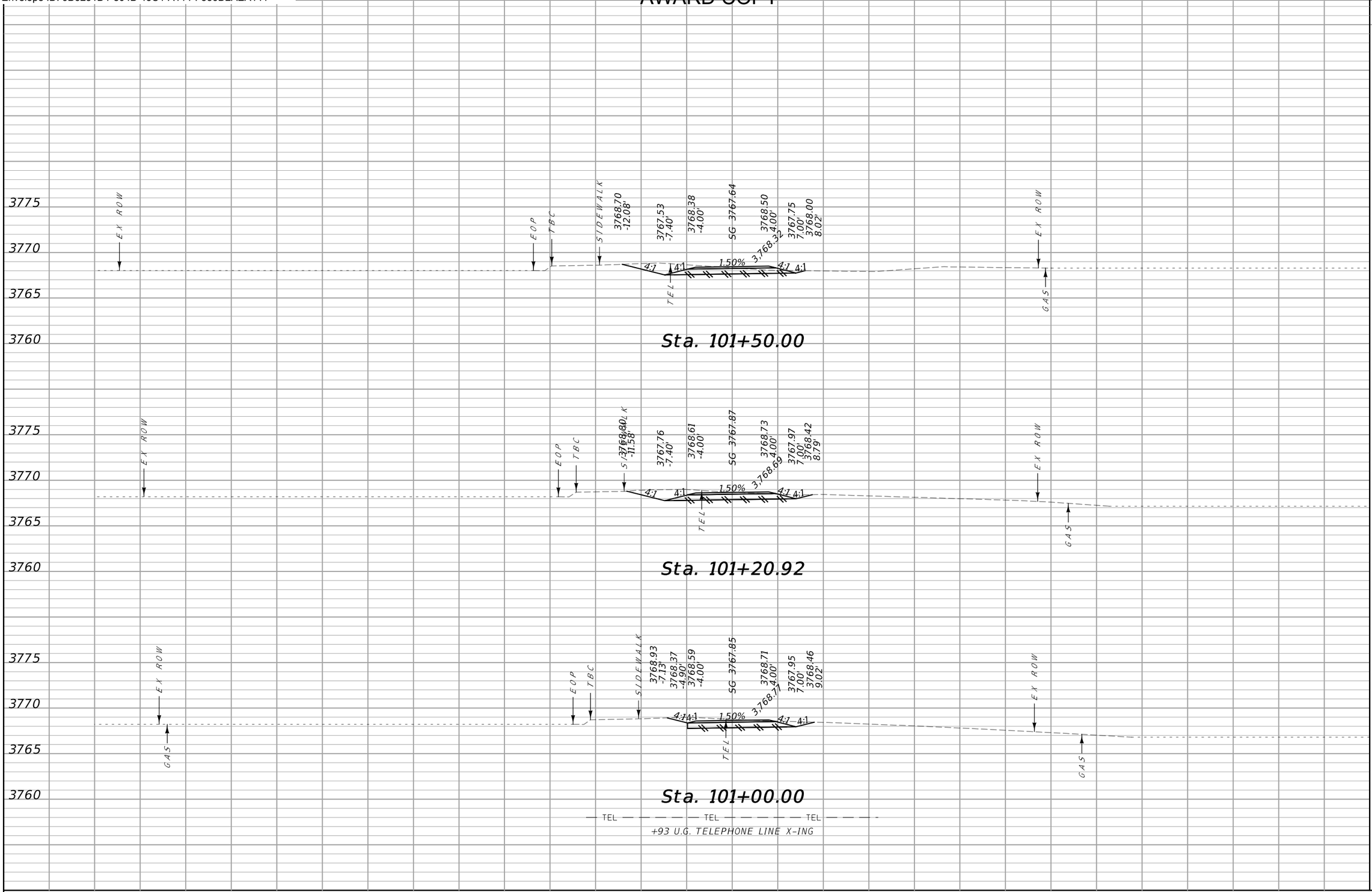
CUT	FILL
4	0
0	0

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.DGN 7/23/2024 1:24:14 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY	CROSS SECTIONS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 1

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
15	0
10	0
16	0

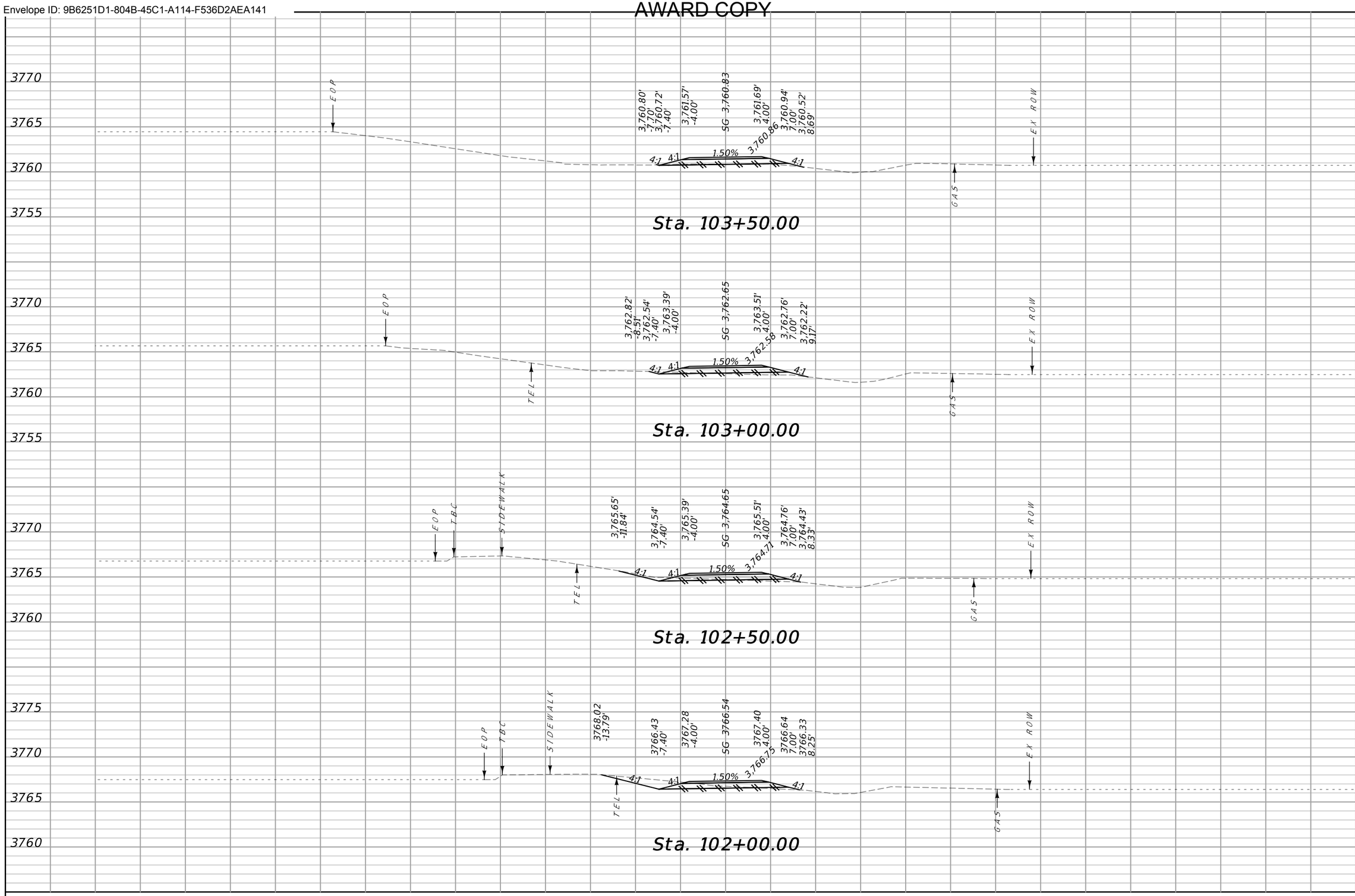
70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY	CROSS SECTIONS		NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:14 PM kedam	CHECKED BY	GLACIER COUNTY		UPN 9441000	2

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
1	2
3	3
10	2
20	1

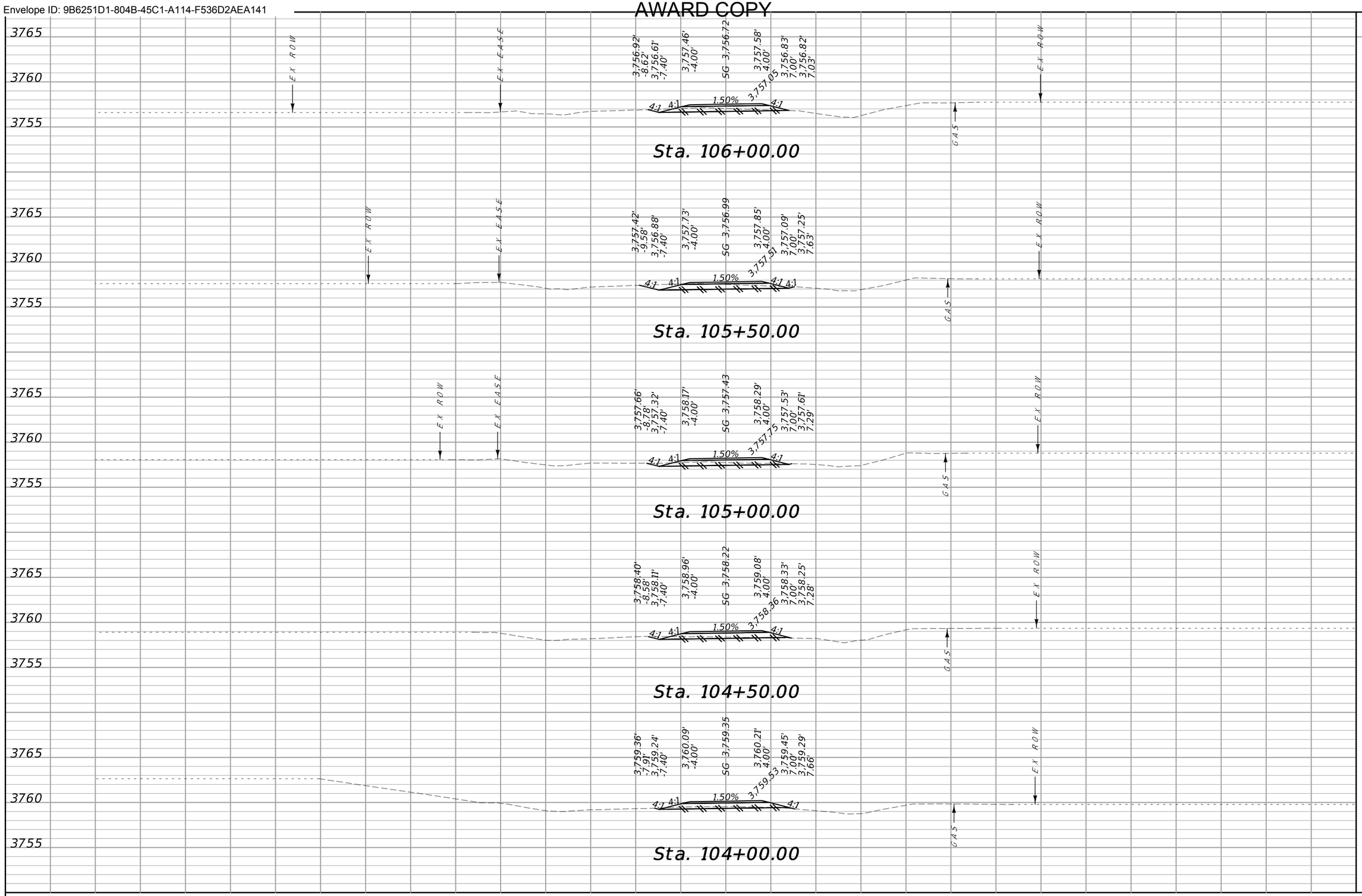
SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLA05.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK
7/23/2024	REVIEWED BY	GLACIER COUNTY	TA 18(68)
1:24:15 PM kedam	CHECKED BY		UPN 9441000
			3

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



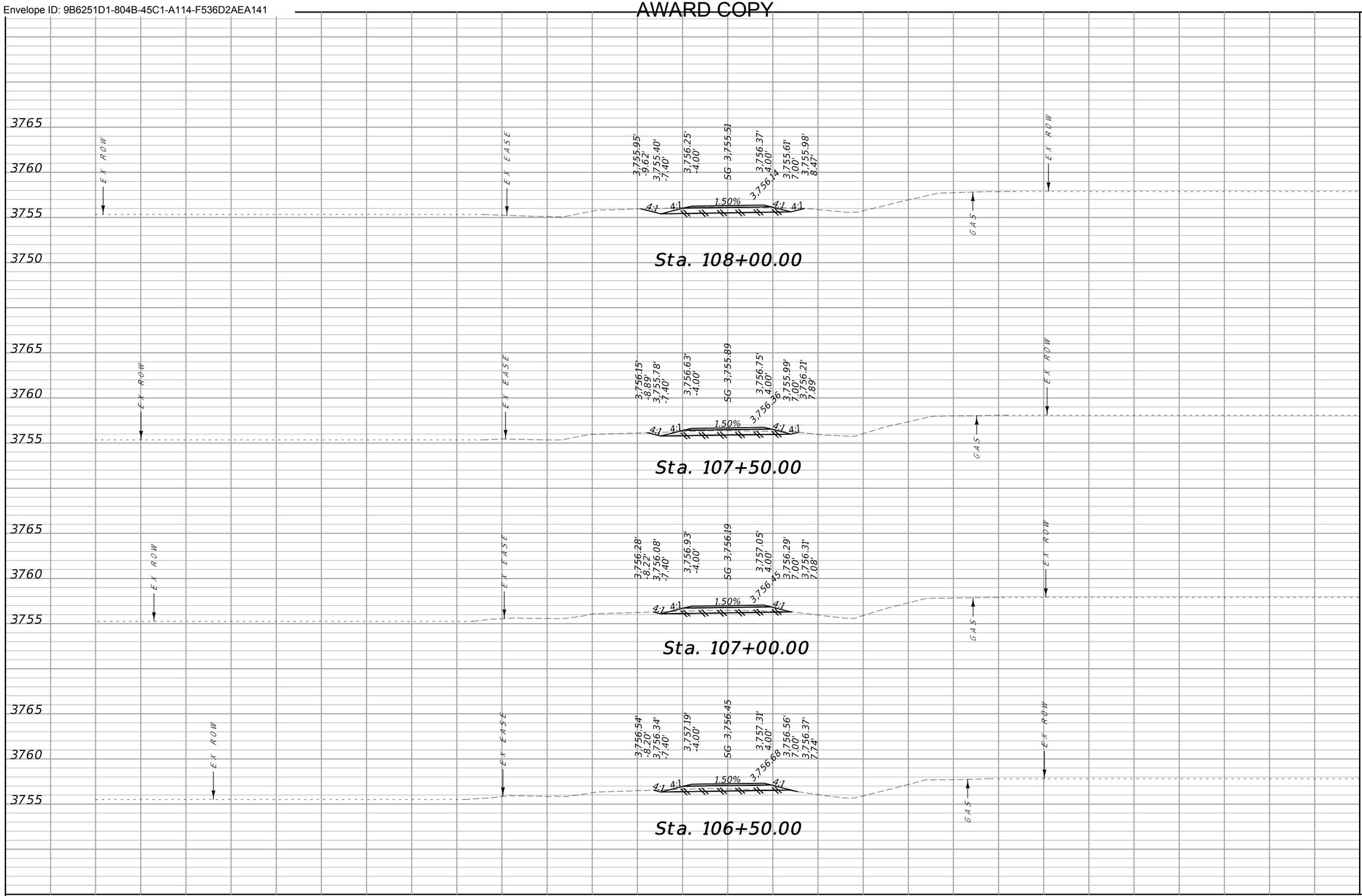
CUT	FILL
11	0
11	0
6	0
4	0
3	1

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA.dgn	DESIGNED BY			NYHAGEN RD PATH - CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		CROSS SECTIONS		
	1:24:16 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	4

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
15	0
9	0
5	0
6	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SANDERSON STEWART

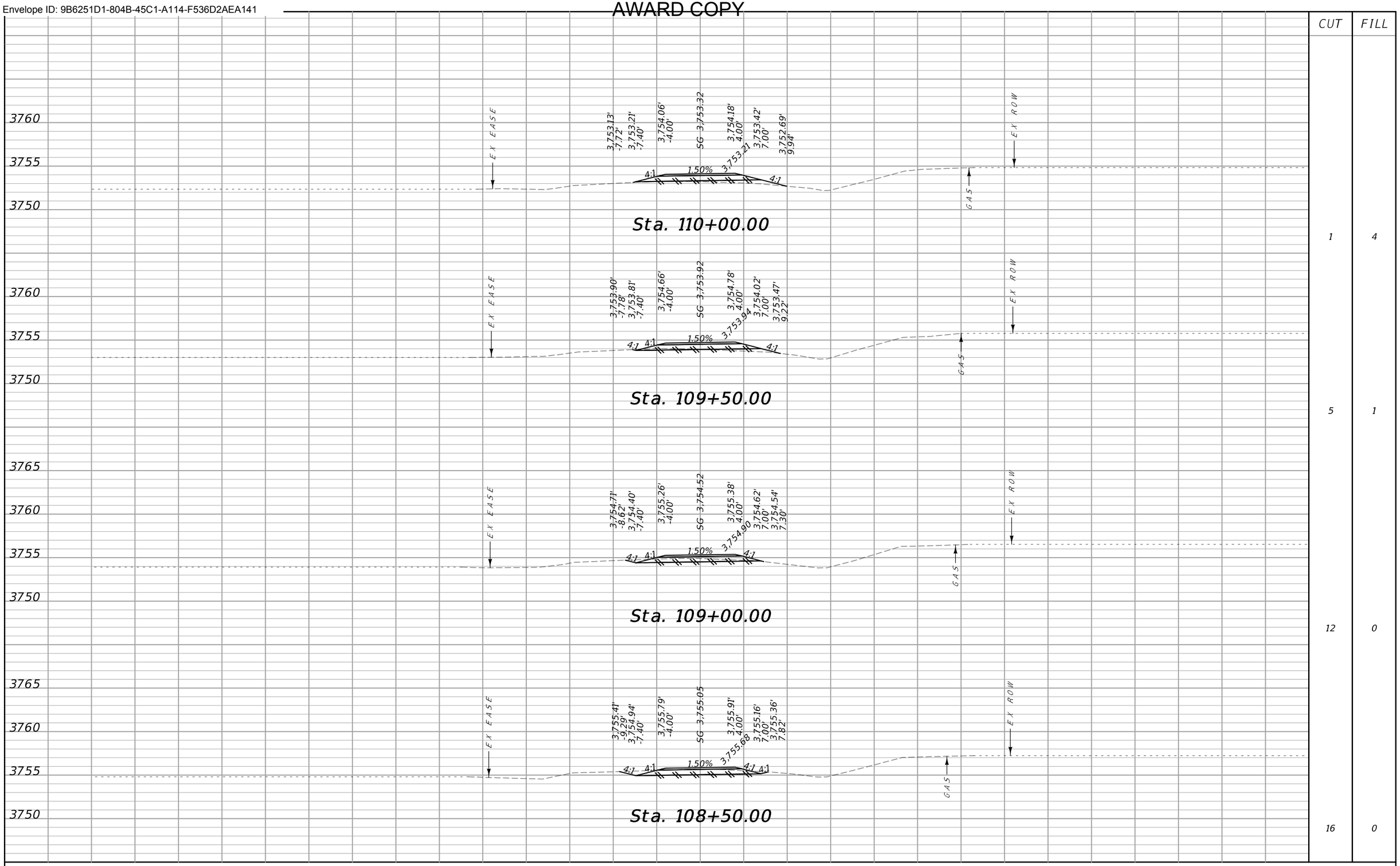
MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAYOUT.DGN	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK / UPN 9441000	TA 18(68) / 5
7/23/2024	REVIEWED BY			
1:24:17 PM kedam	CHECKED BY	GLACIER COUNTY		

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

CUT	FILL
1	4
5	1
12	0
16	0

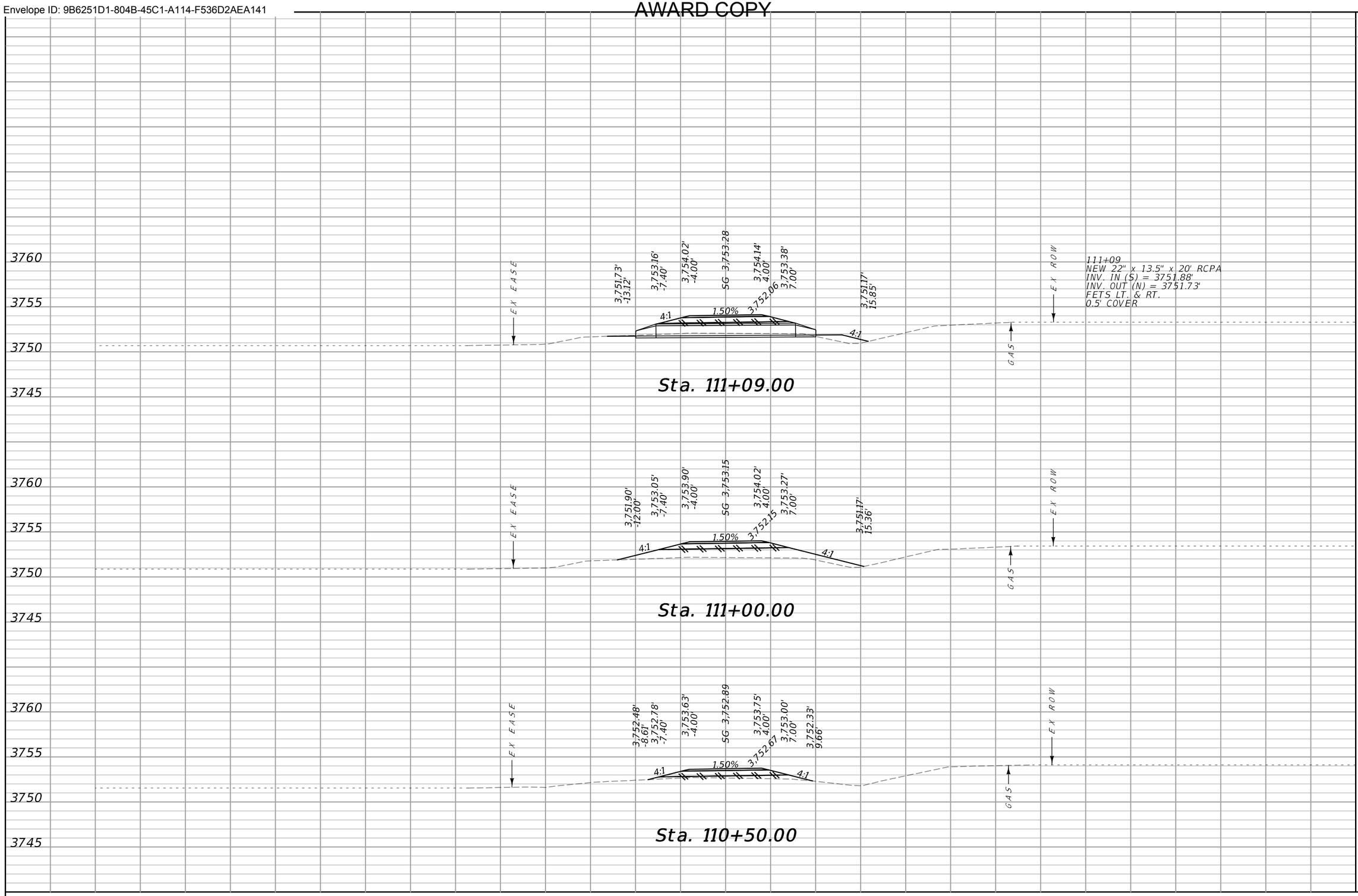


SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	6
	1:24:18 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
0	8
0	24
0	7

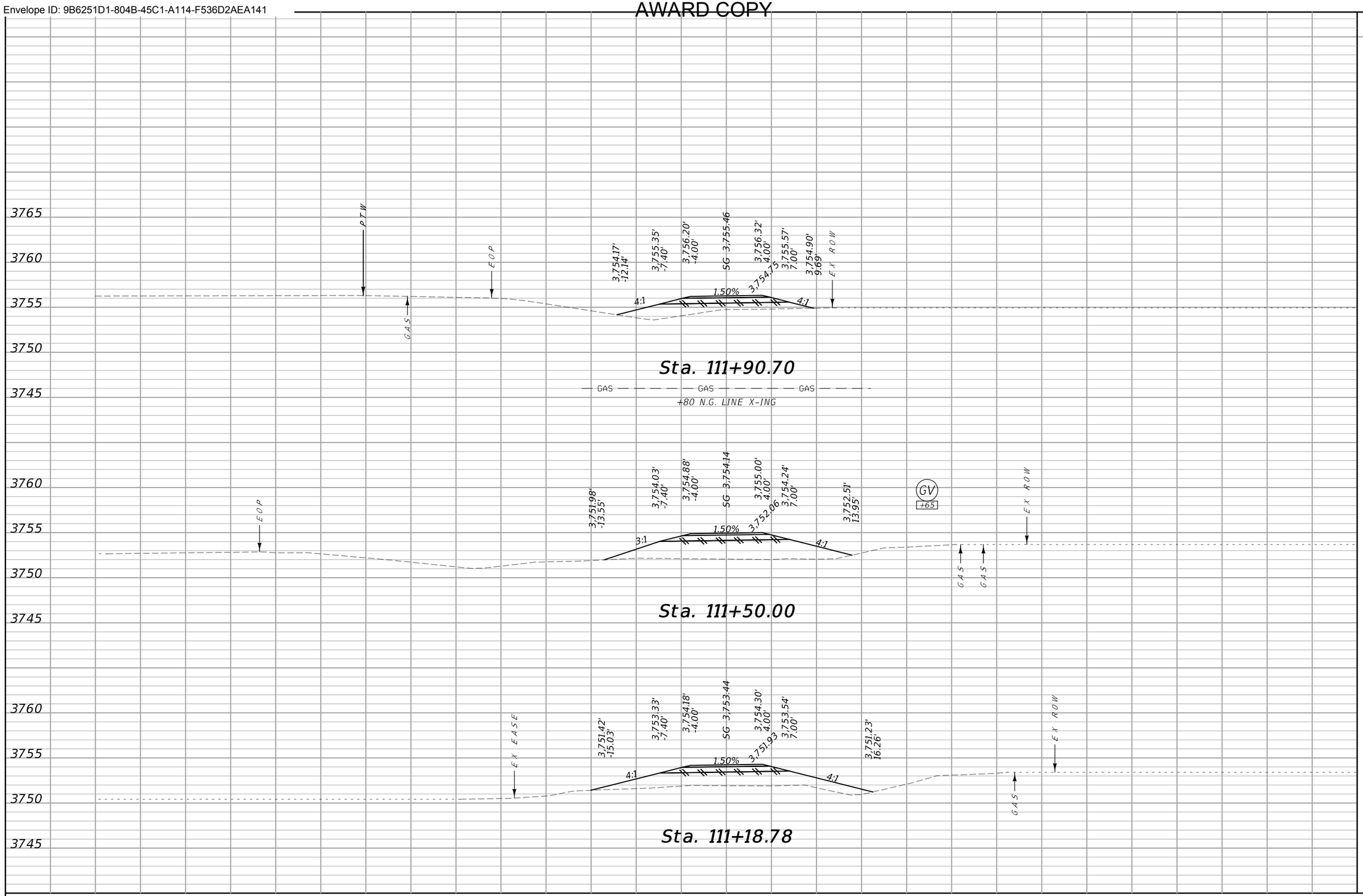
70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dwg	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY			
	1:24:19 PM kedam	CHECKED BY	GLACIER COUNTY	UPN 9441000	7

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
0	49
0	48
0	12

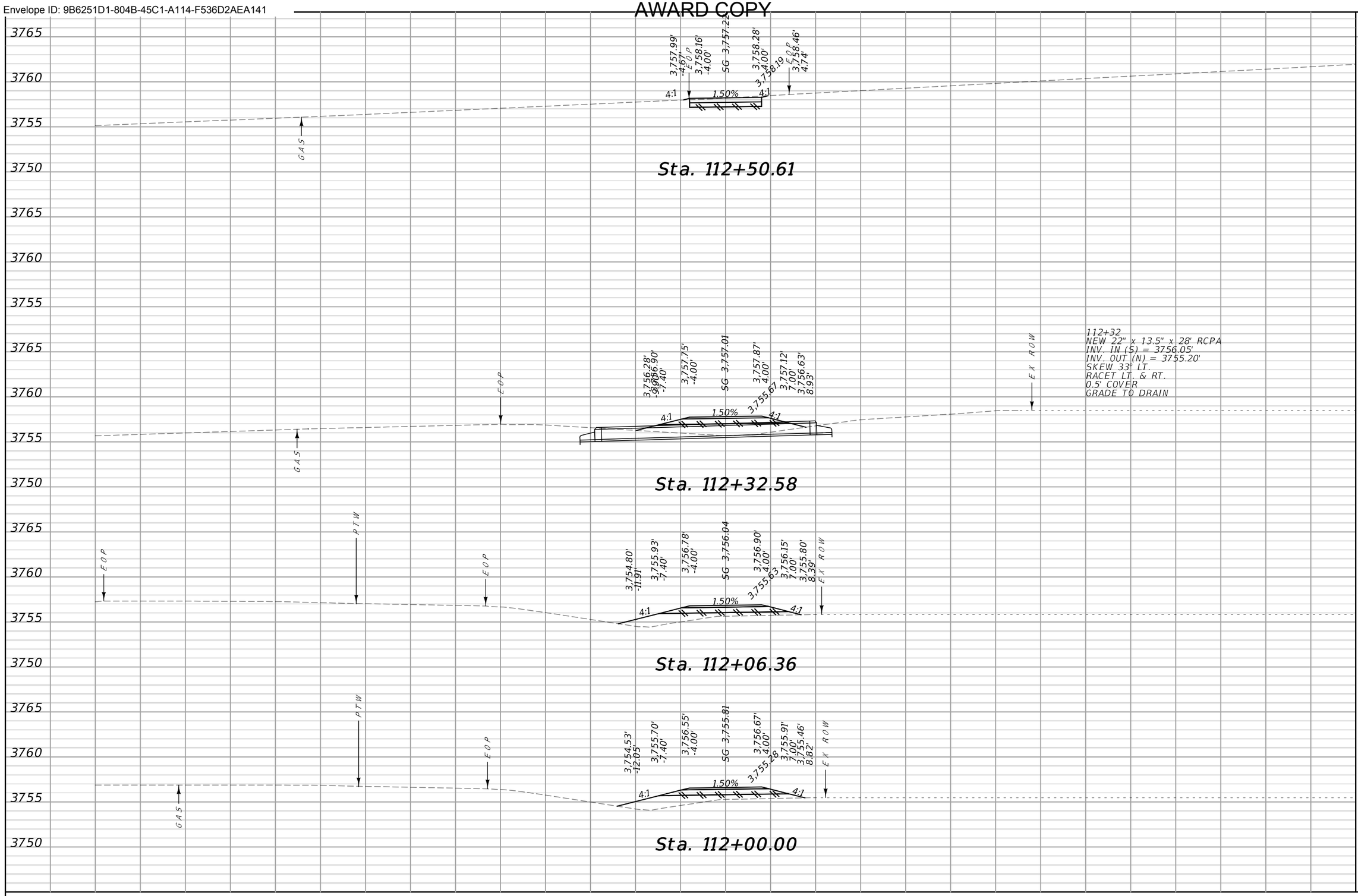
SANDERSON STEWART

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.DGN	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:19 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	8

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
1	0
0	4
0	15
0	3
0	6

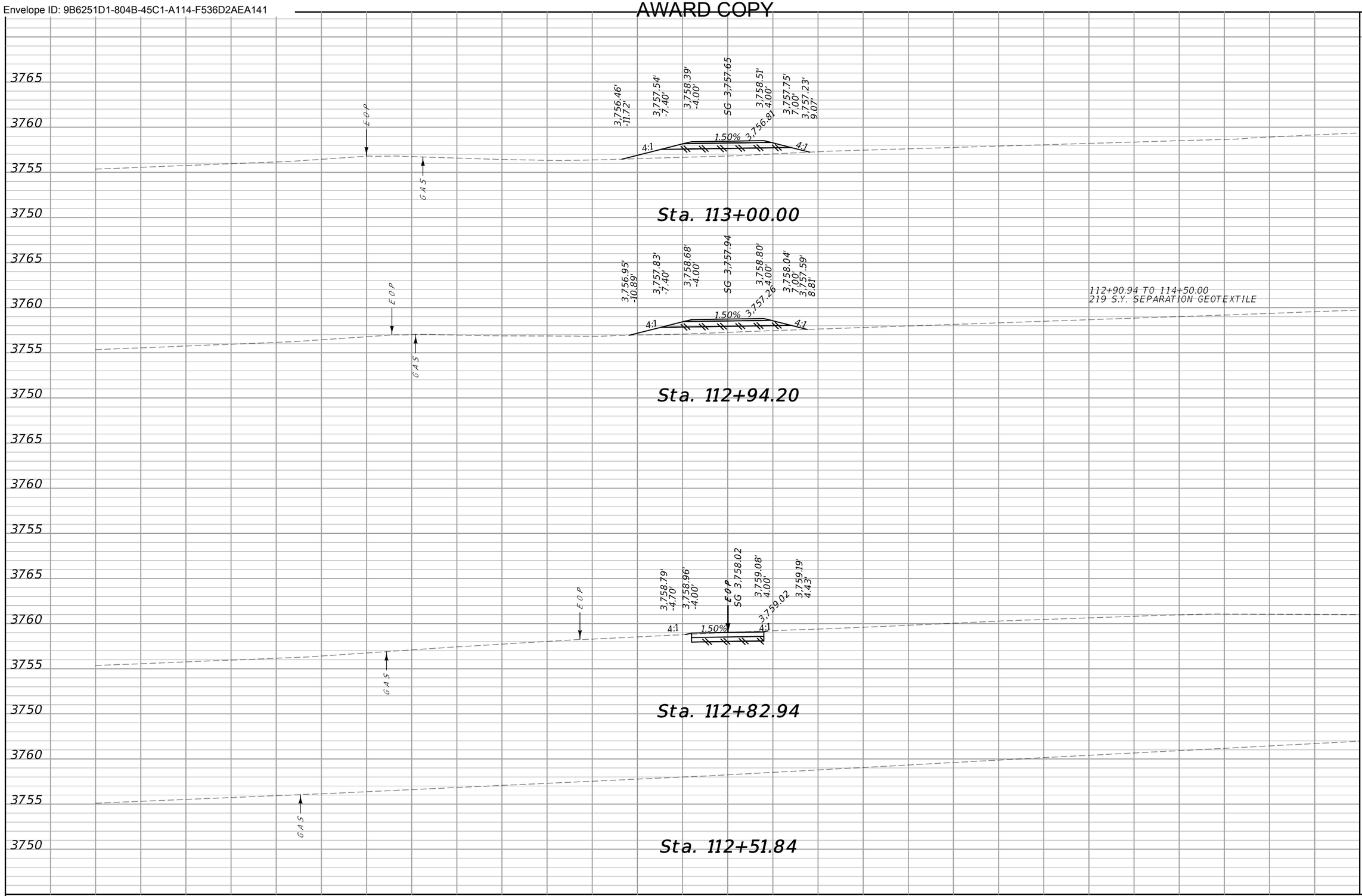
SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK / TA 18(68)
7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000 / 9
1:24:20 PM kedam	CHECKED BY		

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
0	3
0	1
1	1
0	0

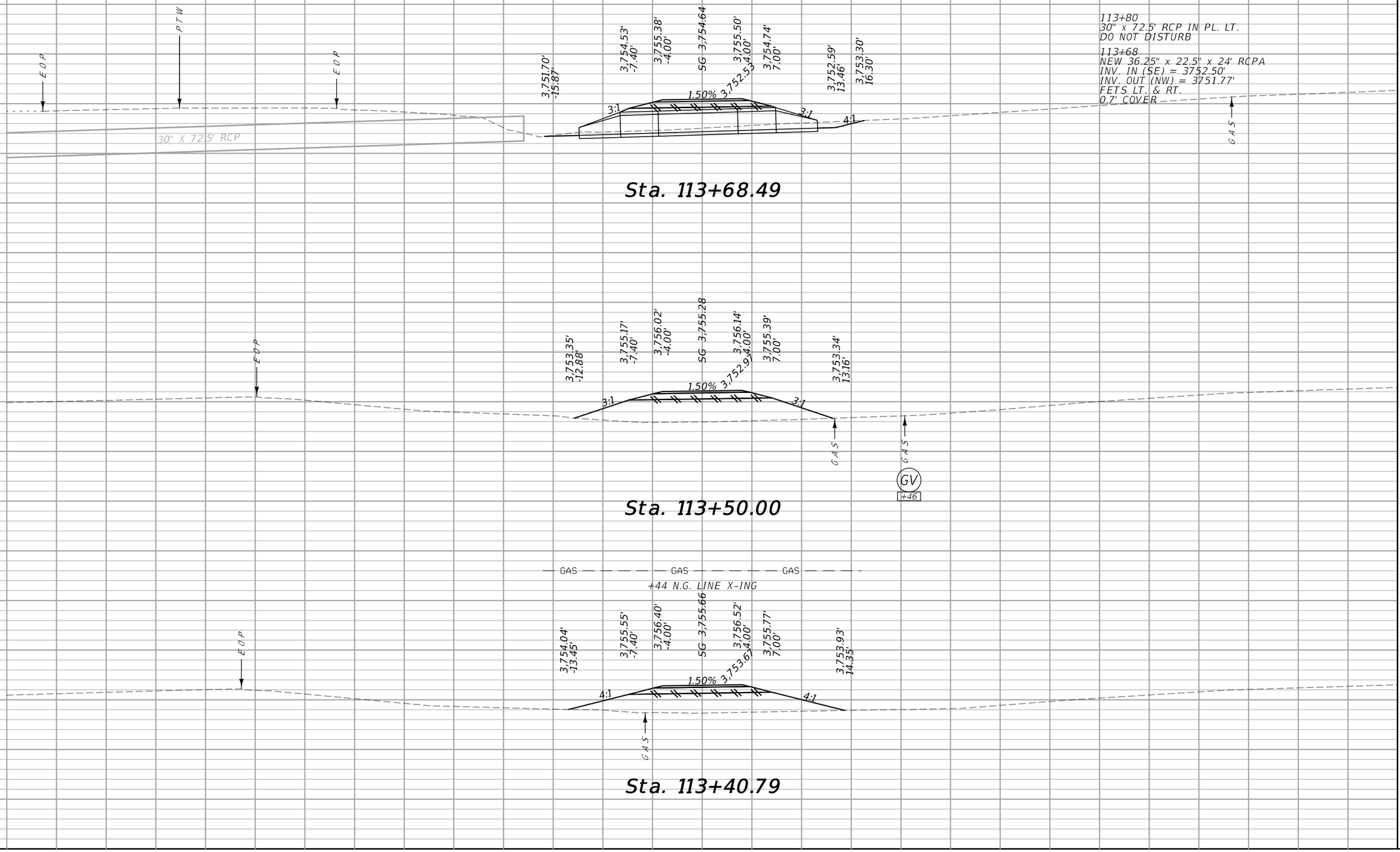
SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.DGN 7/23/2024 1:24:21 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		CROSS SECTIONS GLACIER COUNTY	NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 10

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

CUT	FILL
0	31
0	15
0	41

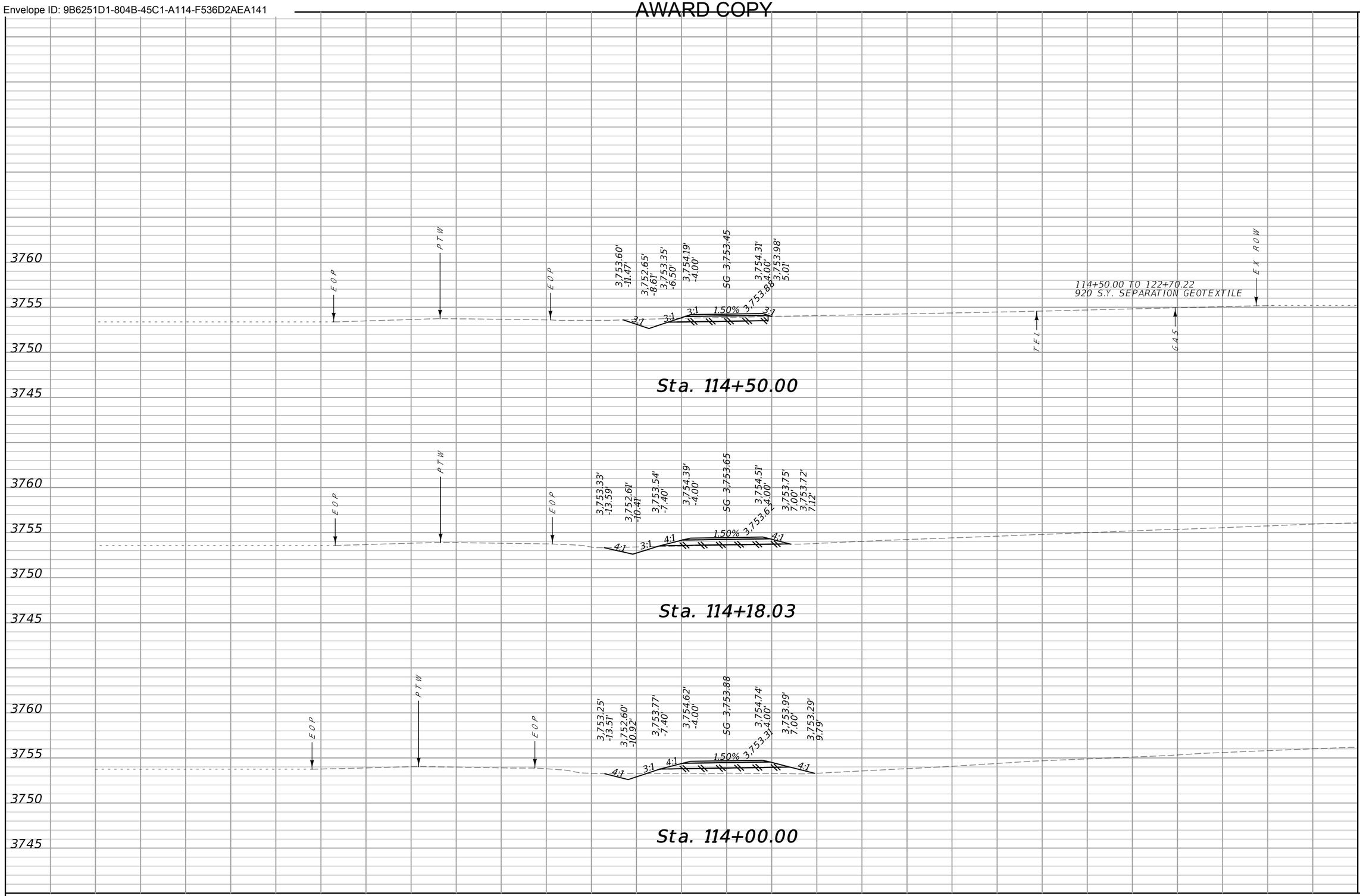


SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.dgn	DESIGNED BY			CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY					
	1:24:22 PM kedam	CHECKED BY			GLACIER COUNTY	UPN 9441000	11

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
6	0
1	4
2	31

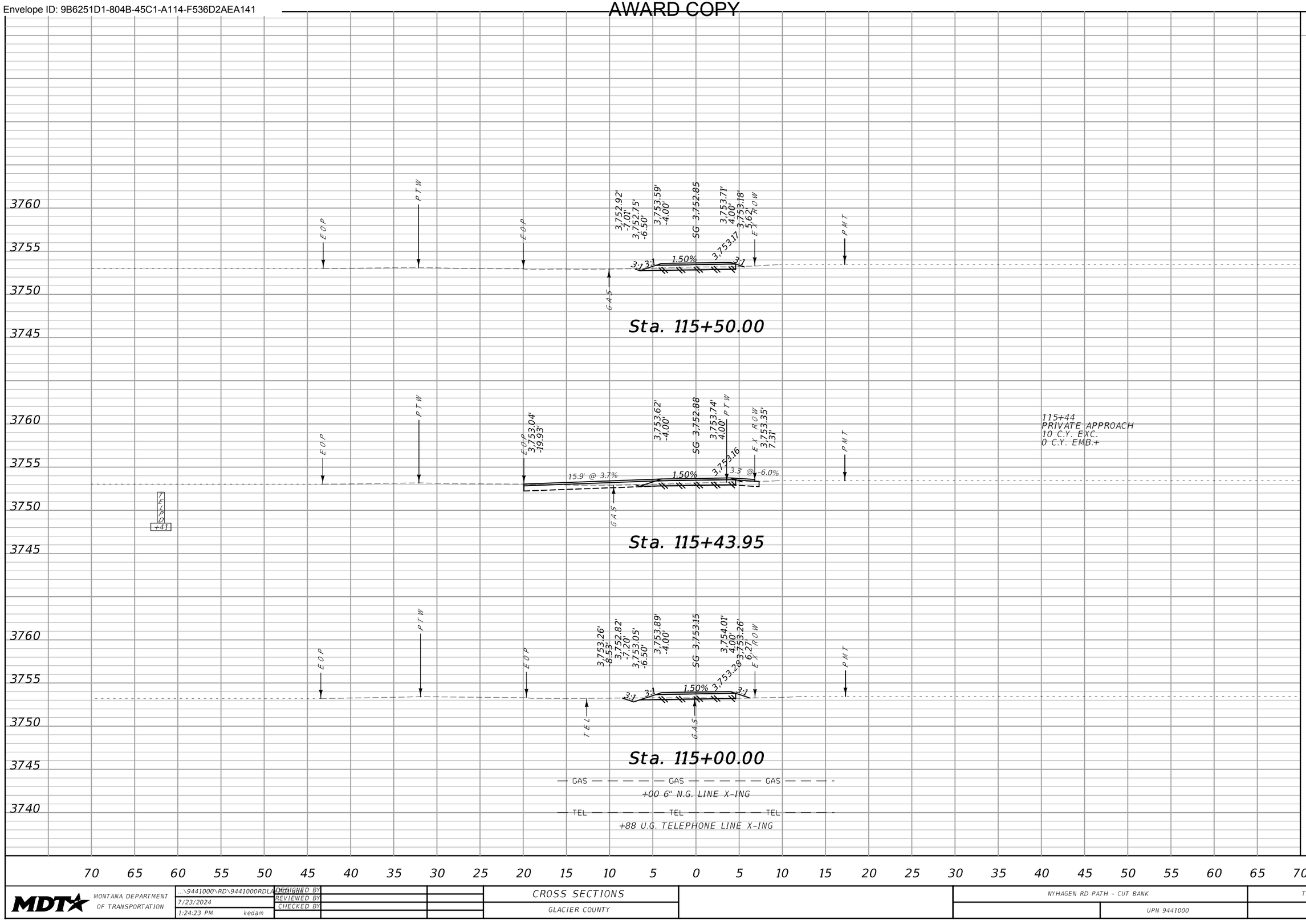
SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAY01.DGN	DESIGNED BY			NYHAGEN RD PATH – CUT BANK	TA 18(68)
7/23/2024	REVIEWED BY		CROSS SECTIONS		
1:24:23 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	12

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
1	0
4	0
9	0

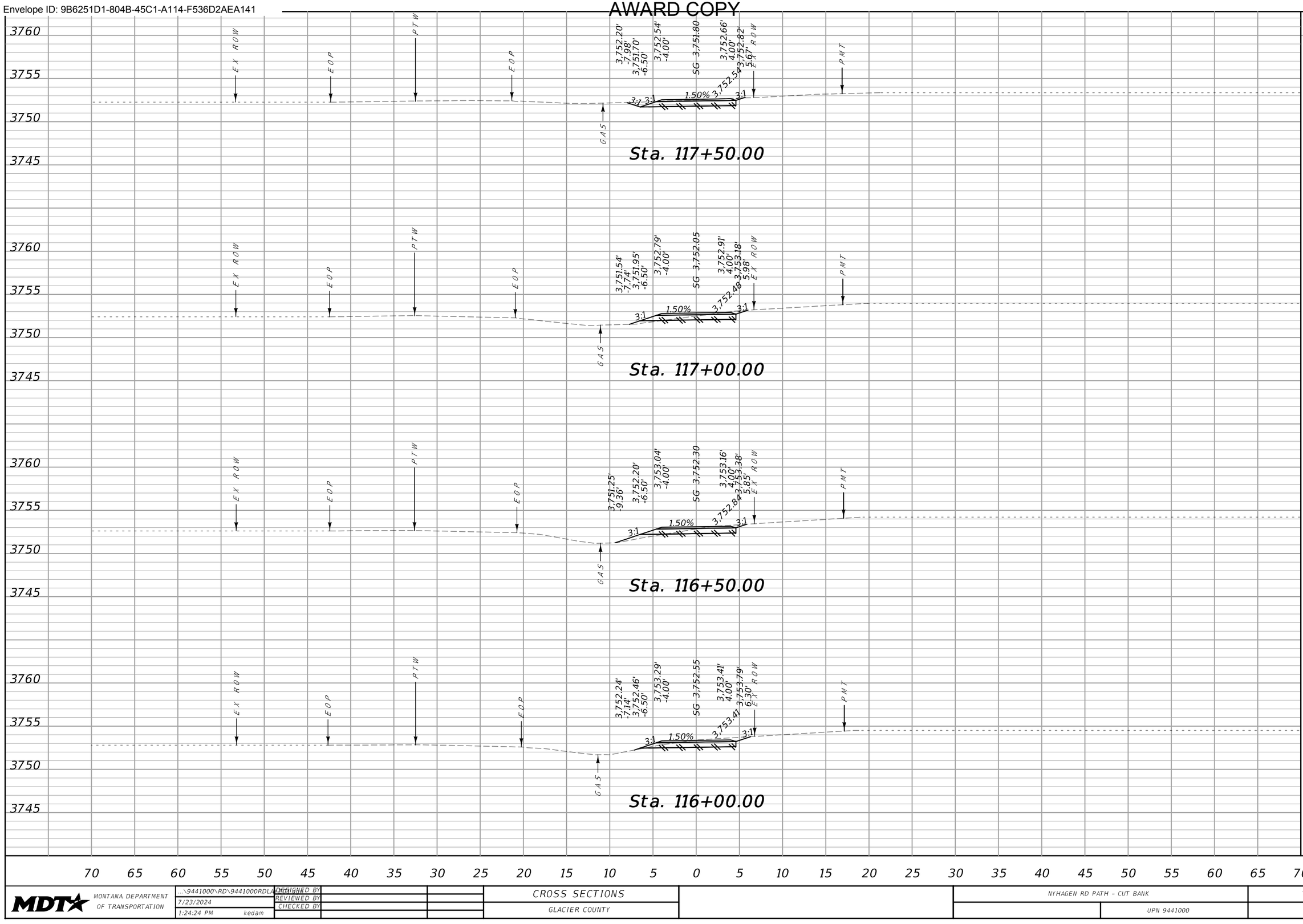
SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK / TA 18(68)
7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000 / 13
1:24:23 PM kedam	CHECKED BY		

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
12	1
8	2
11	1
10	0

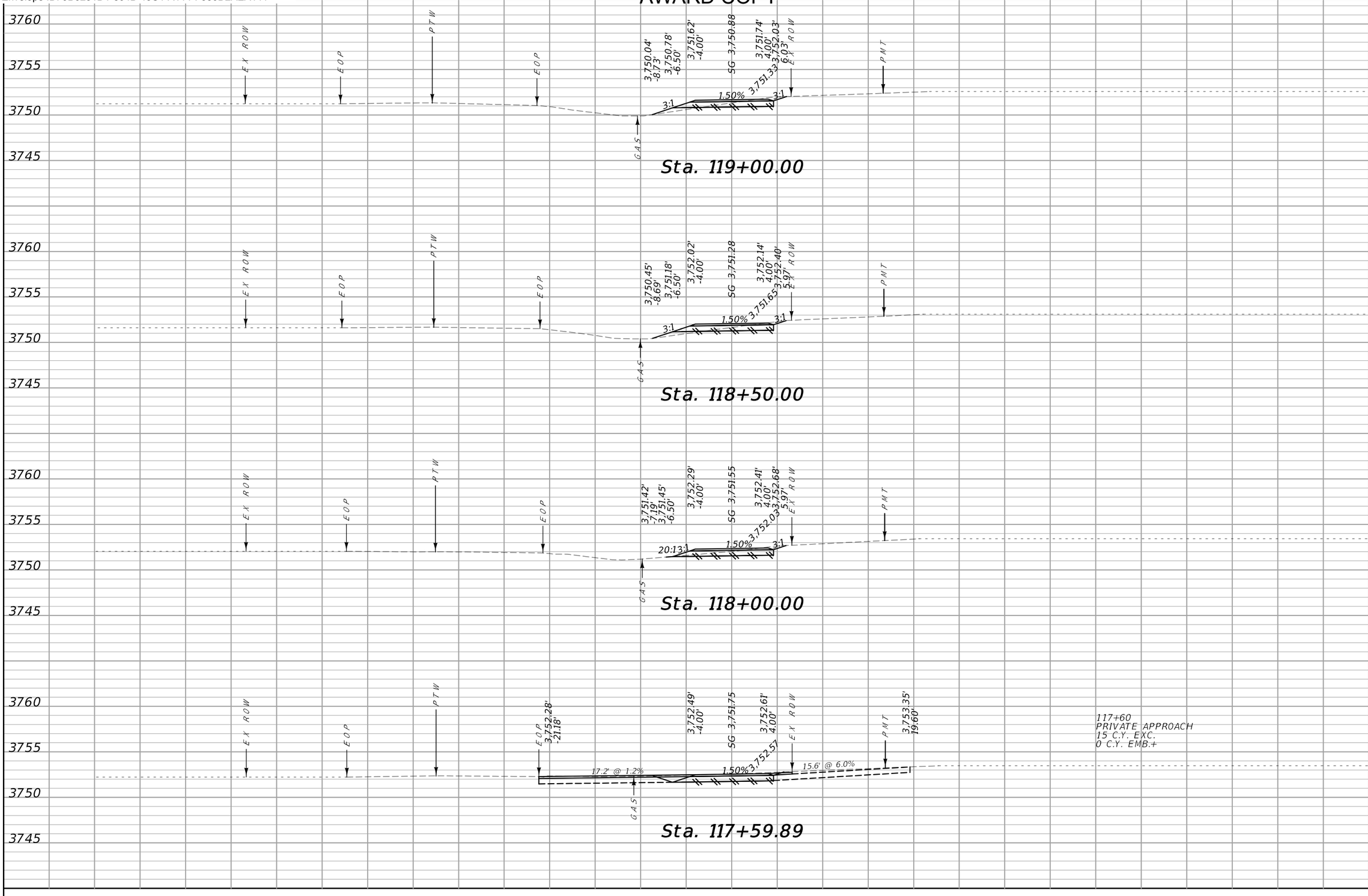
70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	14
	1:24:24 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
8	2
8	1
11	0
3	0

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLA.dgn
7/23/2024
1:24:25 PM kedam

DESIGNED BY
REVIEWED BY
CHECKED BY

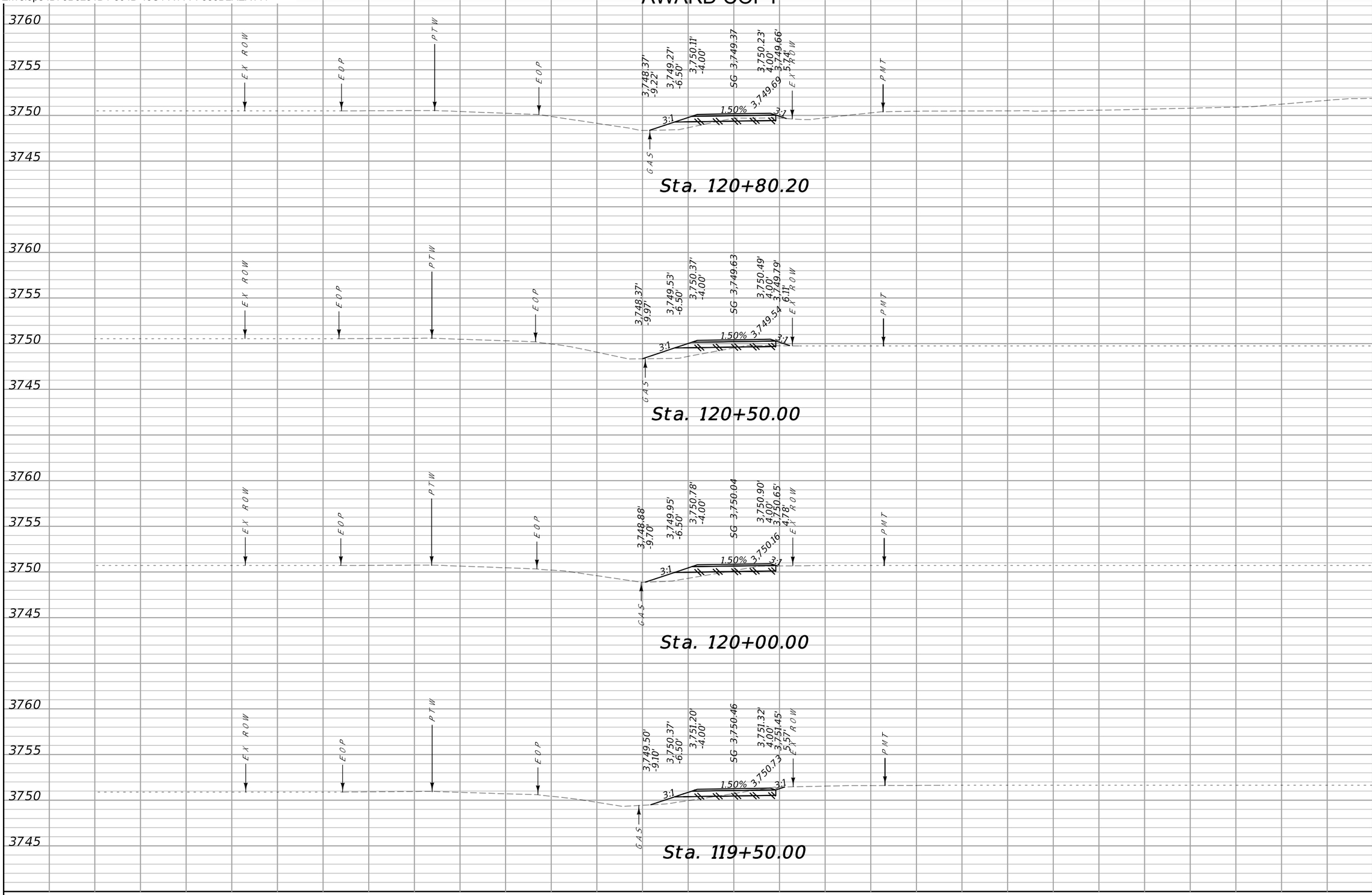
CROSS SECTIONS
GLACIER COUNTY

NYHAGEN RD PATH - CUT BANK
UPN 9441000

TA 18(68)
15

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



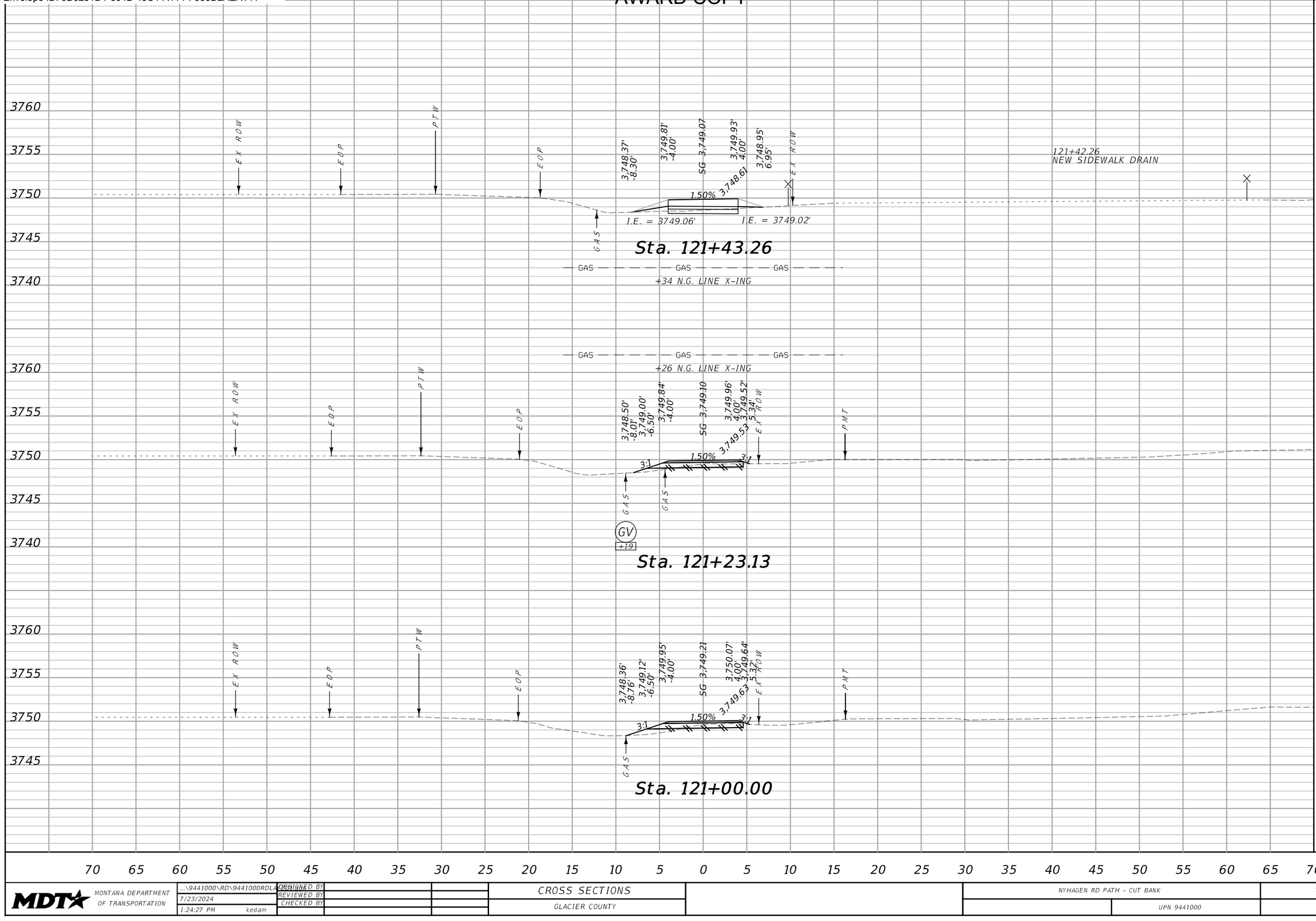
CUT	FILL
1	6
2	10
5	6
7	3

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK
	7/23/2024	REVIEWED BY		GLACIER COUNTY	TA 18(68)
	1:24:26 PM kedam	CHECKED BY			UPN 9441000 16

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



CUT	FILL
1	3
2	1
2	2

SANDERSON STEWART

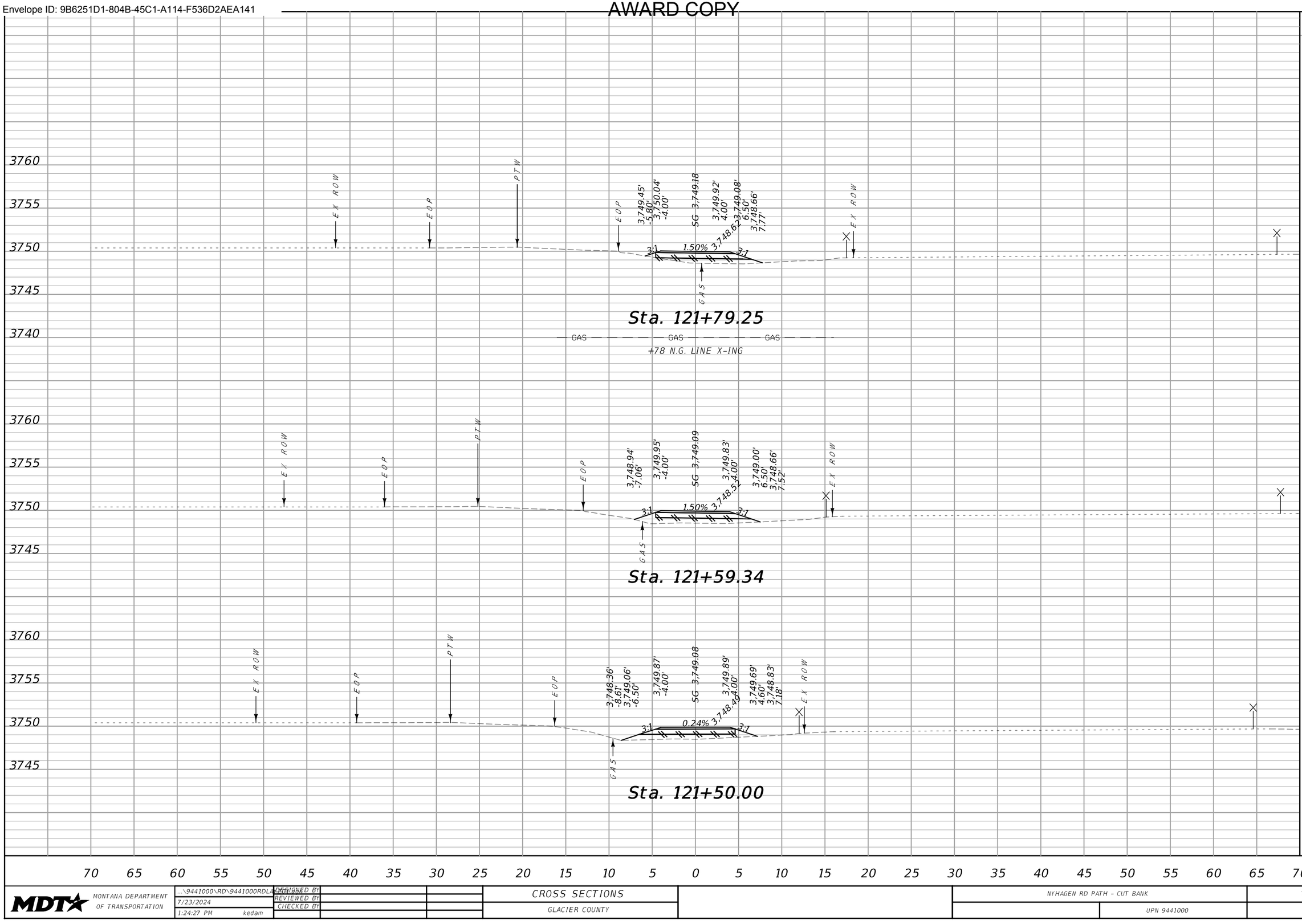
MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY		CROSS SECTIONS		NYHAGEN RD PATH – CUT BANK / UPN 9441000	TA 18(68) / 17
7/23/2024	REVIEWED BY					
1:24:27 PM kedam	CHECKED BY		GLACIER COUNTY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

CUT	FILL
0	5
0	2
0	1

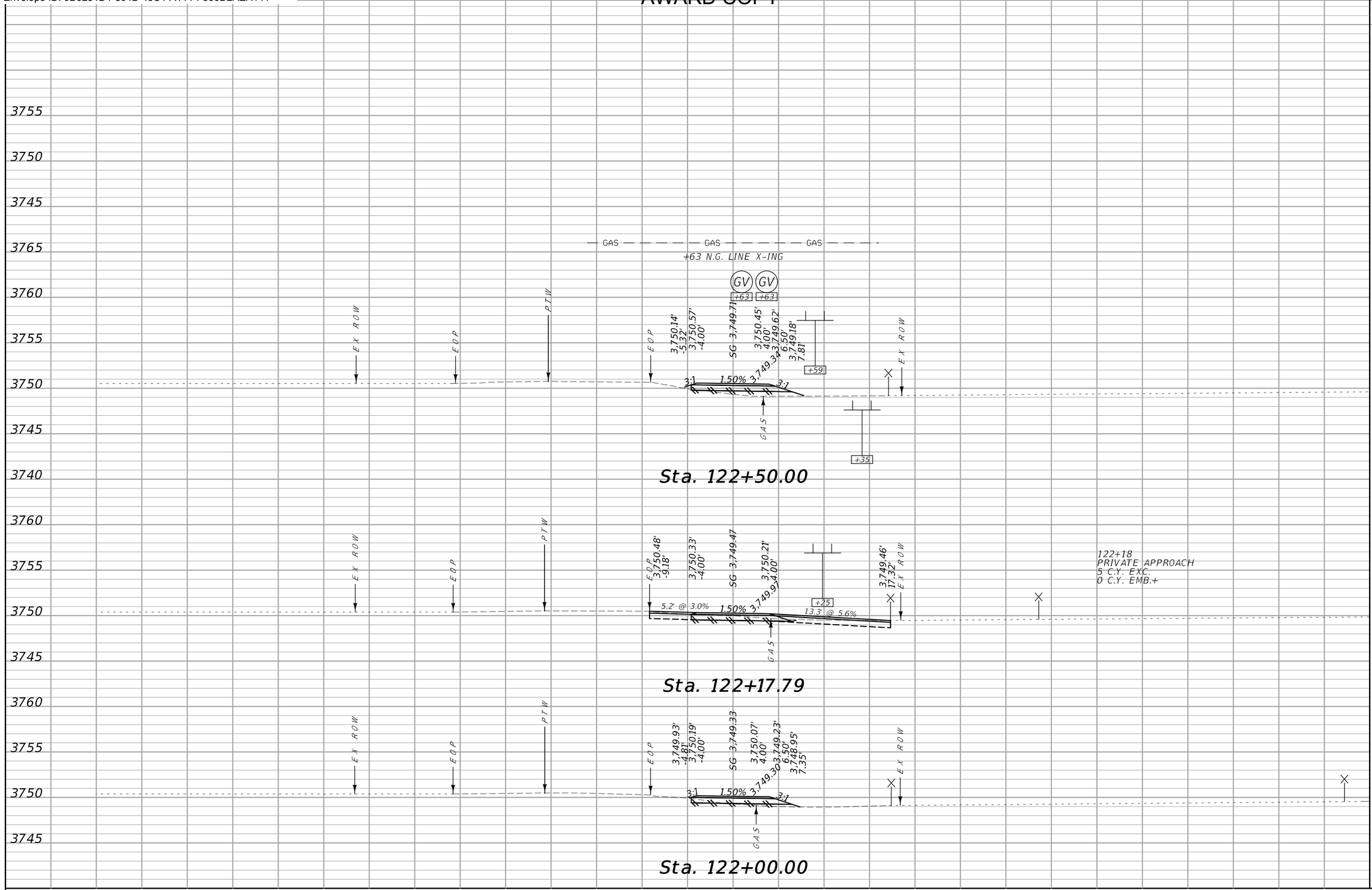


SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	18
	1:24:27 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



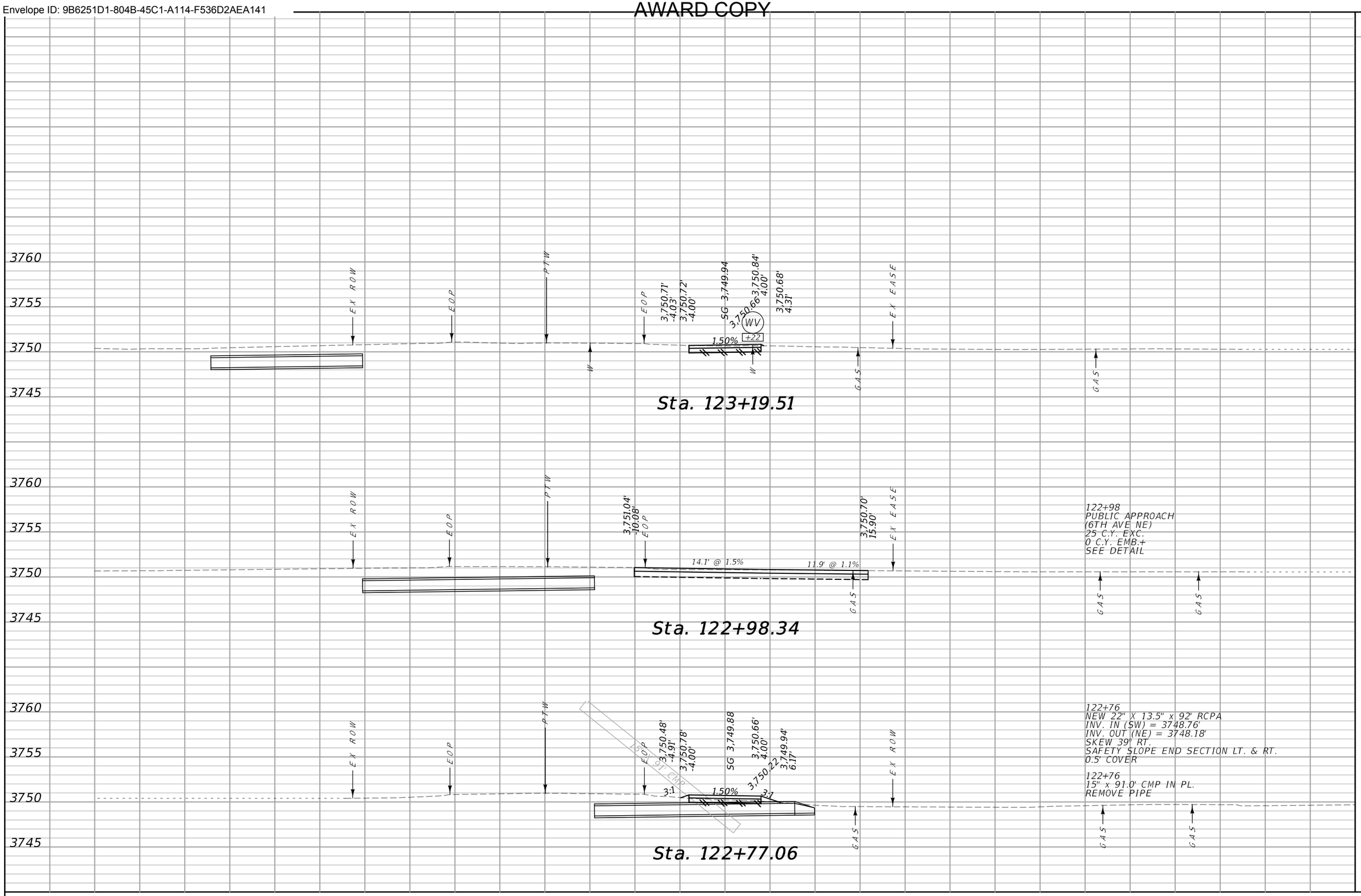
CUT	FILL
1	2
3	3
2	0
0	3

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAYOUT.DGN	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK / UPN 9441000
7/23/2024	REVIEWED BY	GLACIER COUNTY	TA 18(68) / 19
1:24:28 PM kedam	CHECKED BY		

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



CUT	FILL
1	1
1	0

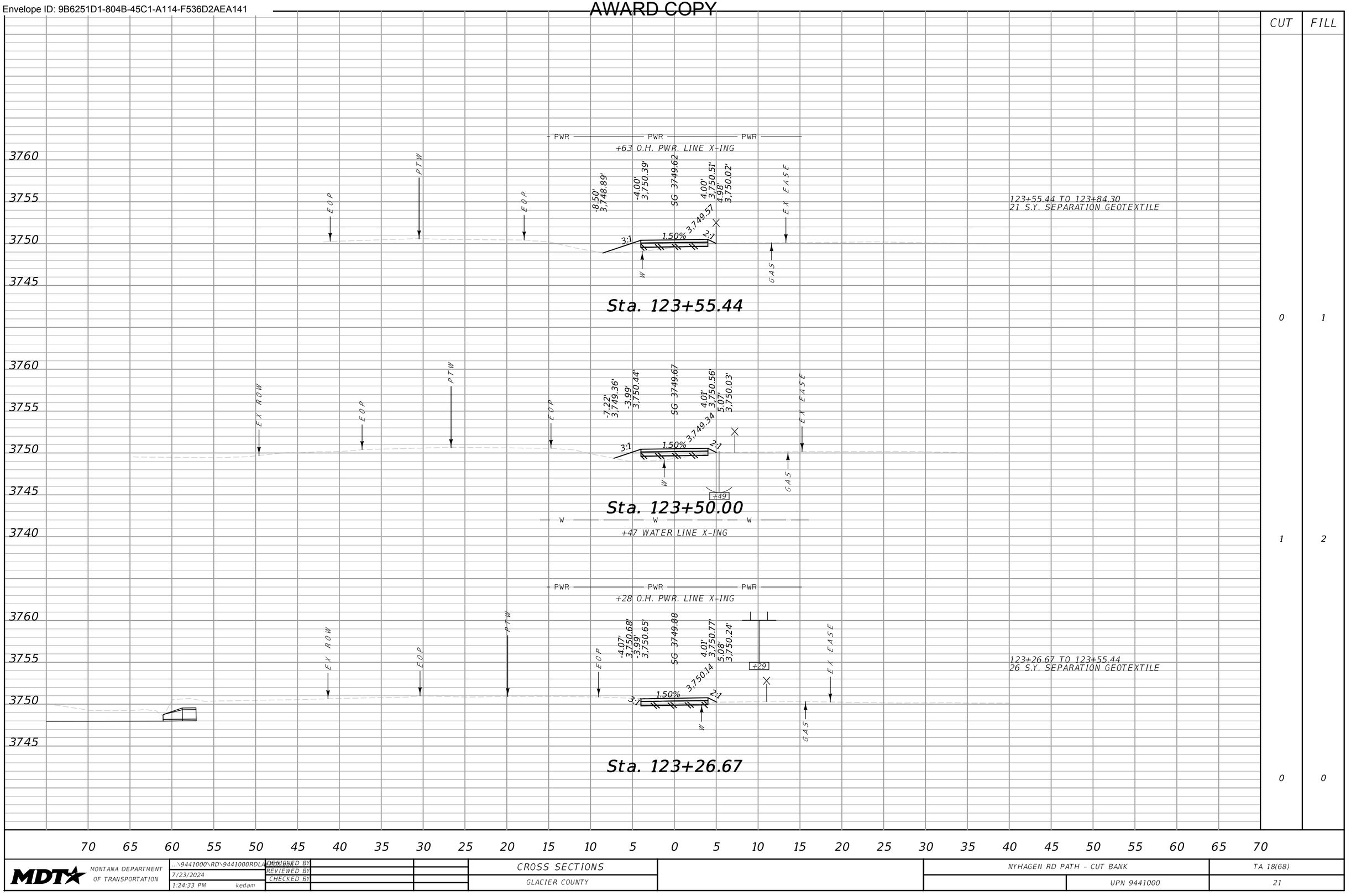
70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	20
	1:24:29 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



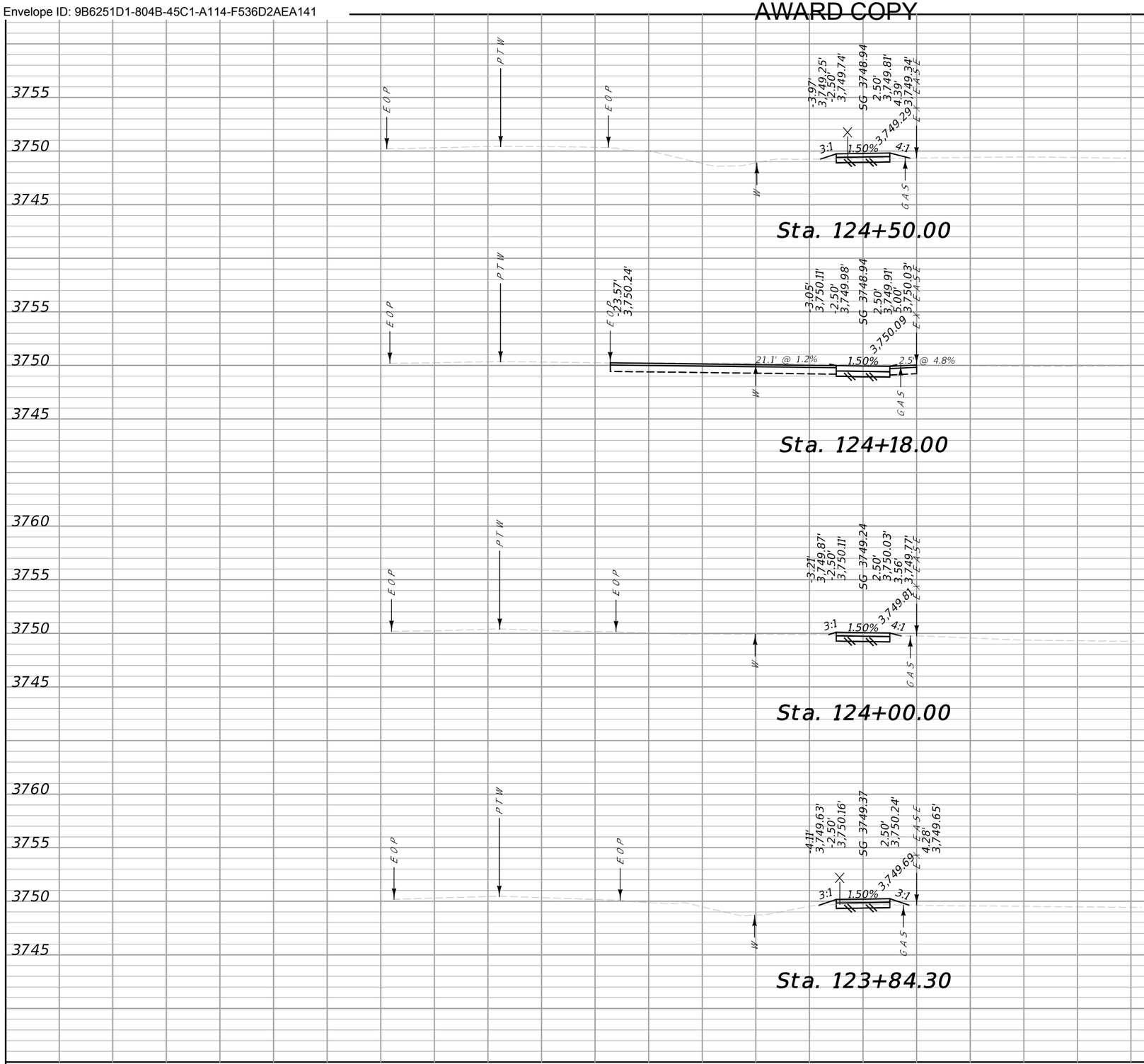
CUT	FILL
0	1
1	2
0	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.DGN	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:33 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	21

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



124+18
PRIVATE APPROACH
25 C.Y. EXC.
0 C.Y. EMB.+

123+84.30 TO 133+81.83
554 S.Y. SEPARATION GEOTEXTILE

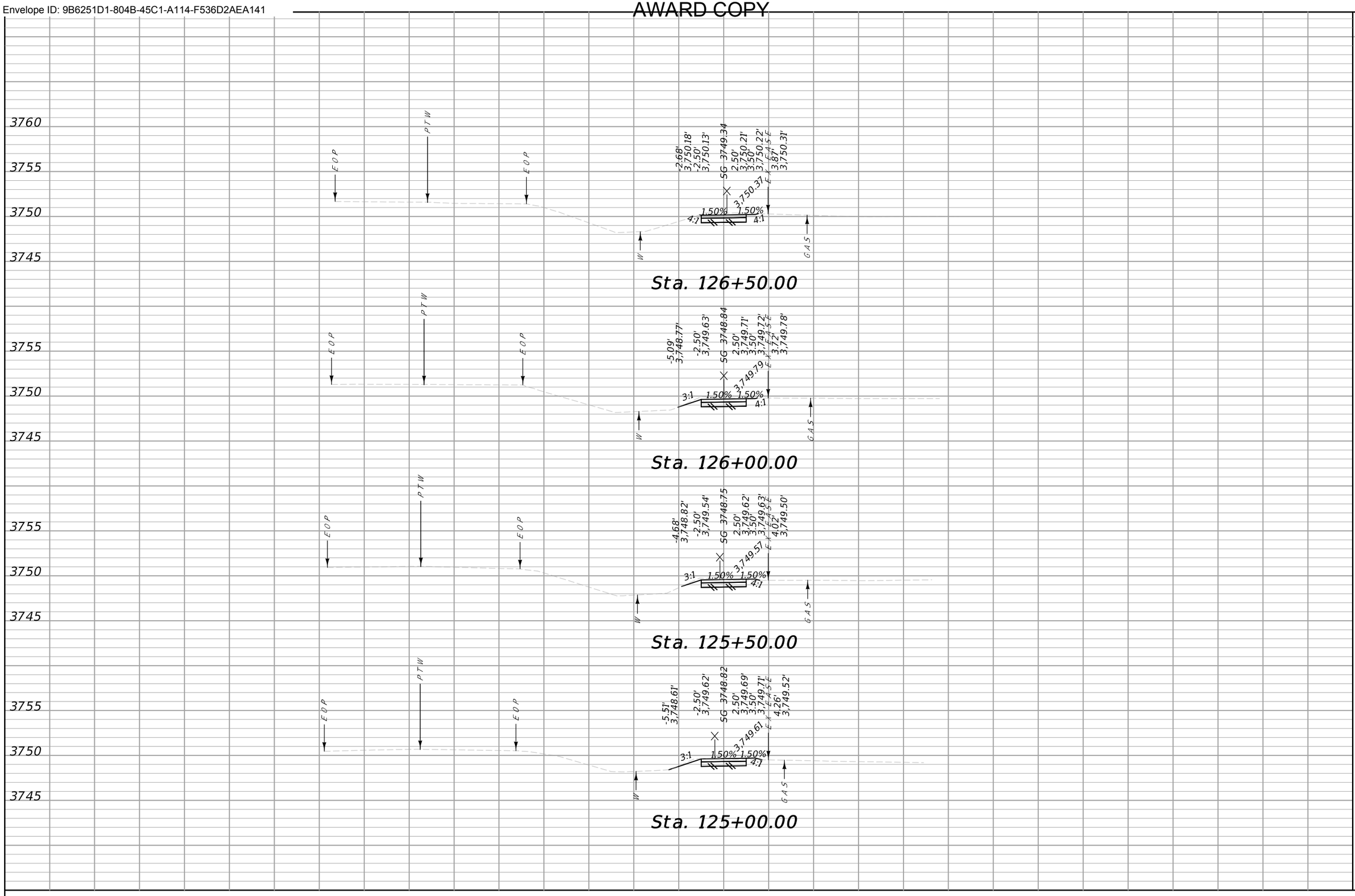
CUT	FILL
4	0
3	0
1	0
1	3

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.DGN	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:36 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	22

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

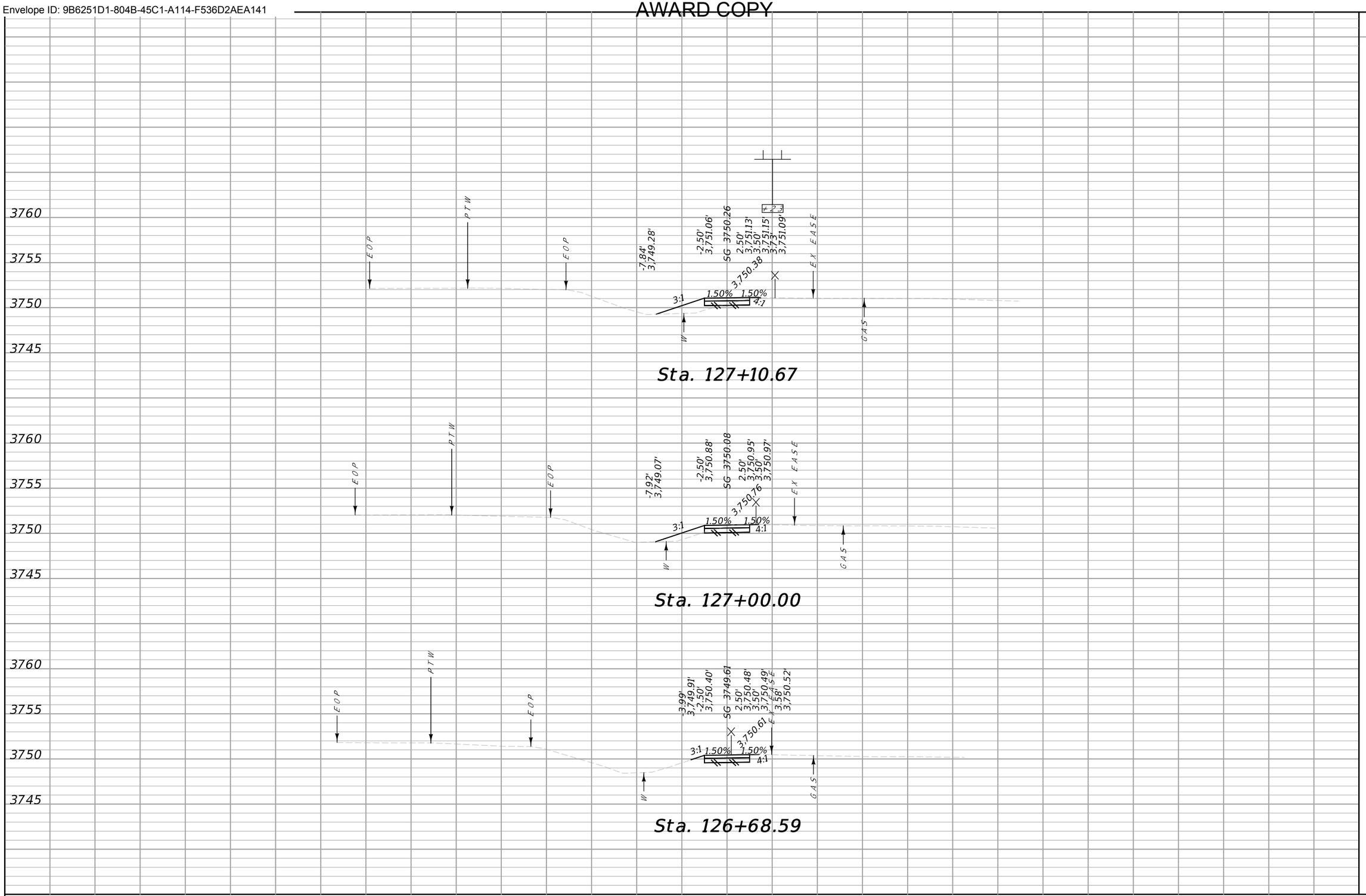


CUT	FILL
10	0
9	0
8	0
6	1

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dwg	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	23
	1:24:39 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

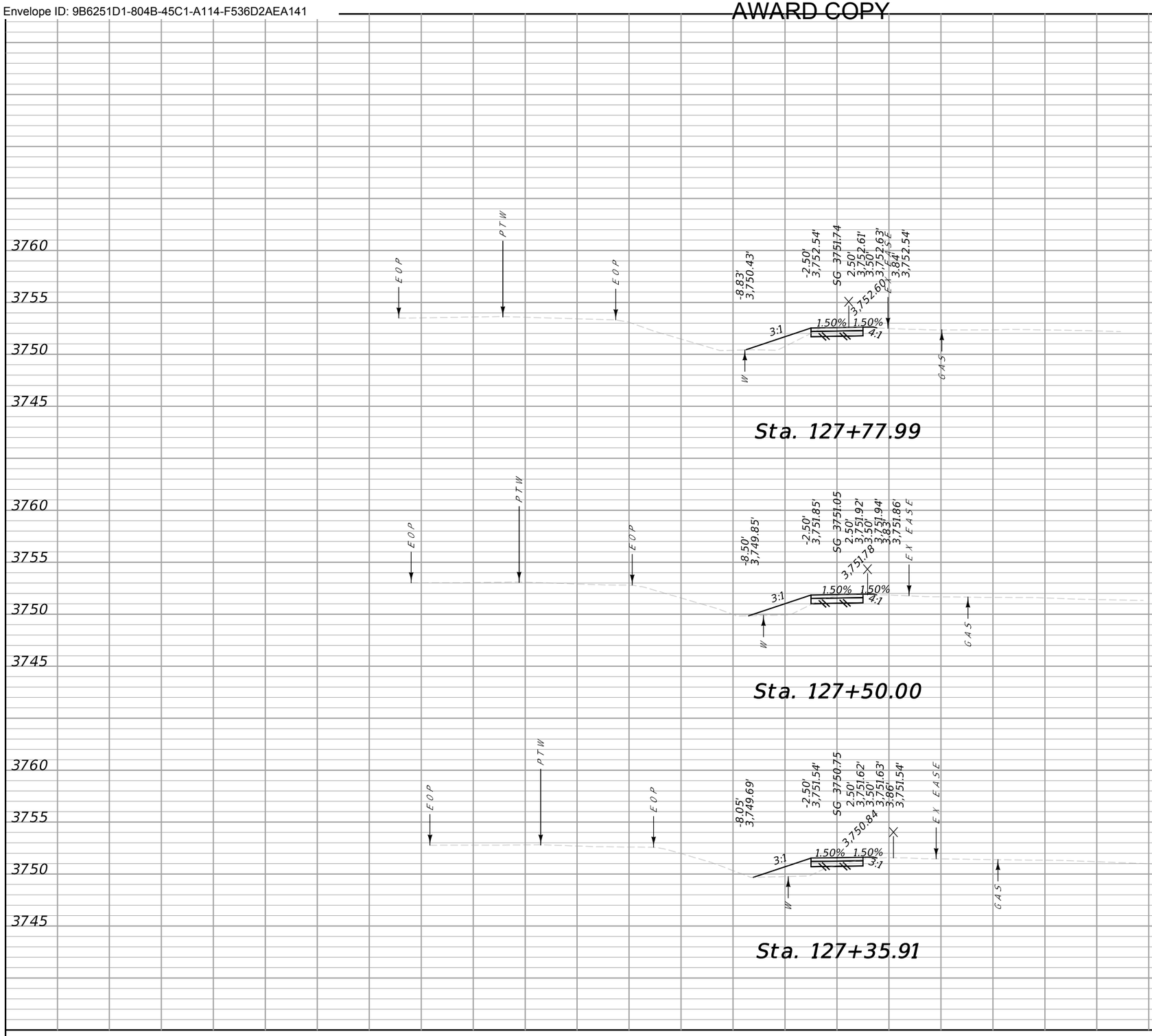


CUT	FILL
1	2
5	2
4	0

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn 7/23/2024 1:24:41 PM kedam	DESIGNED BY DRAWN BY REVIEWED BY CHECKED BY	CROSS SECTIONS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 24

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



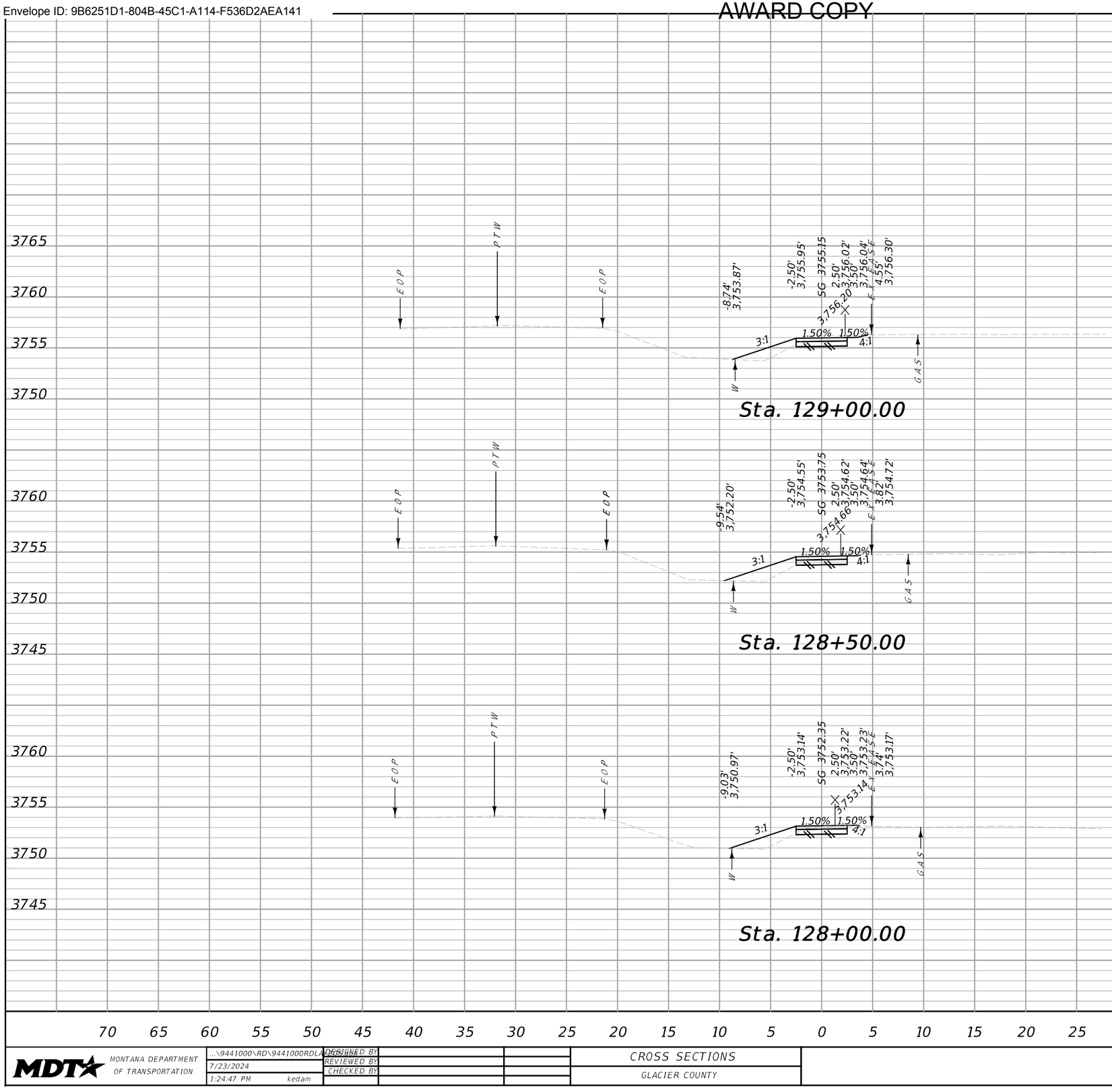
CUT	FILL
4	5
1	3
1	5

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.DGN	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:44 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	25

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

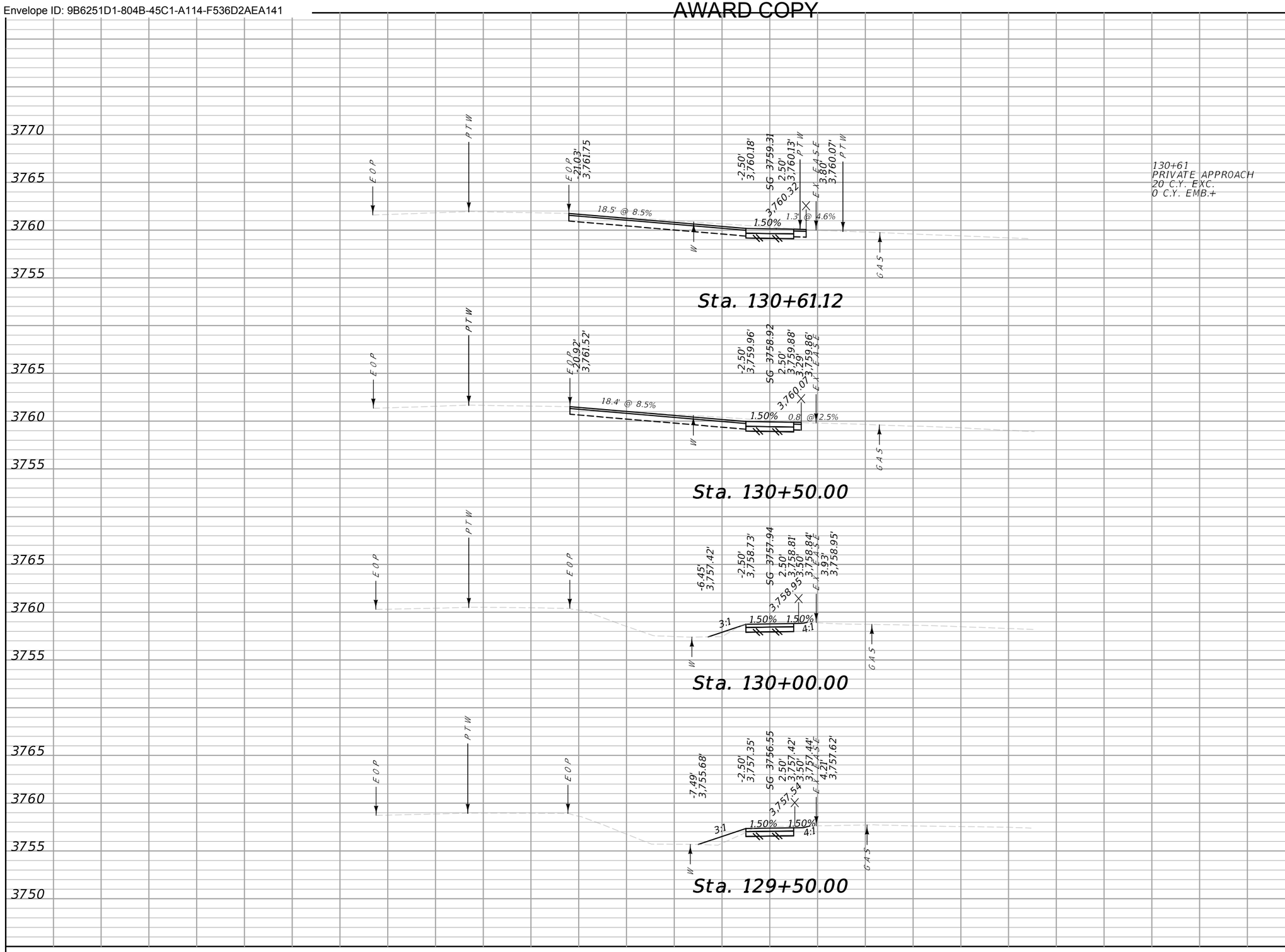
AWARD COPY



CUT	FILL
8	10
7	10
3	4

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.DGN	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:47 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	26

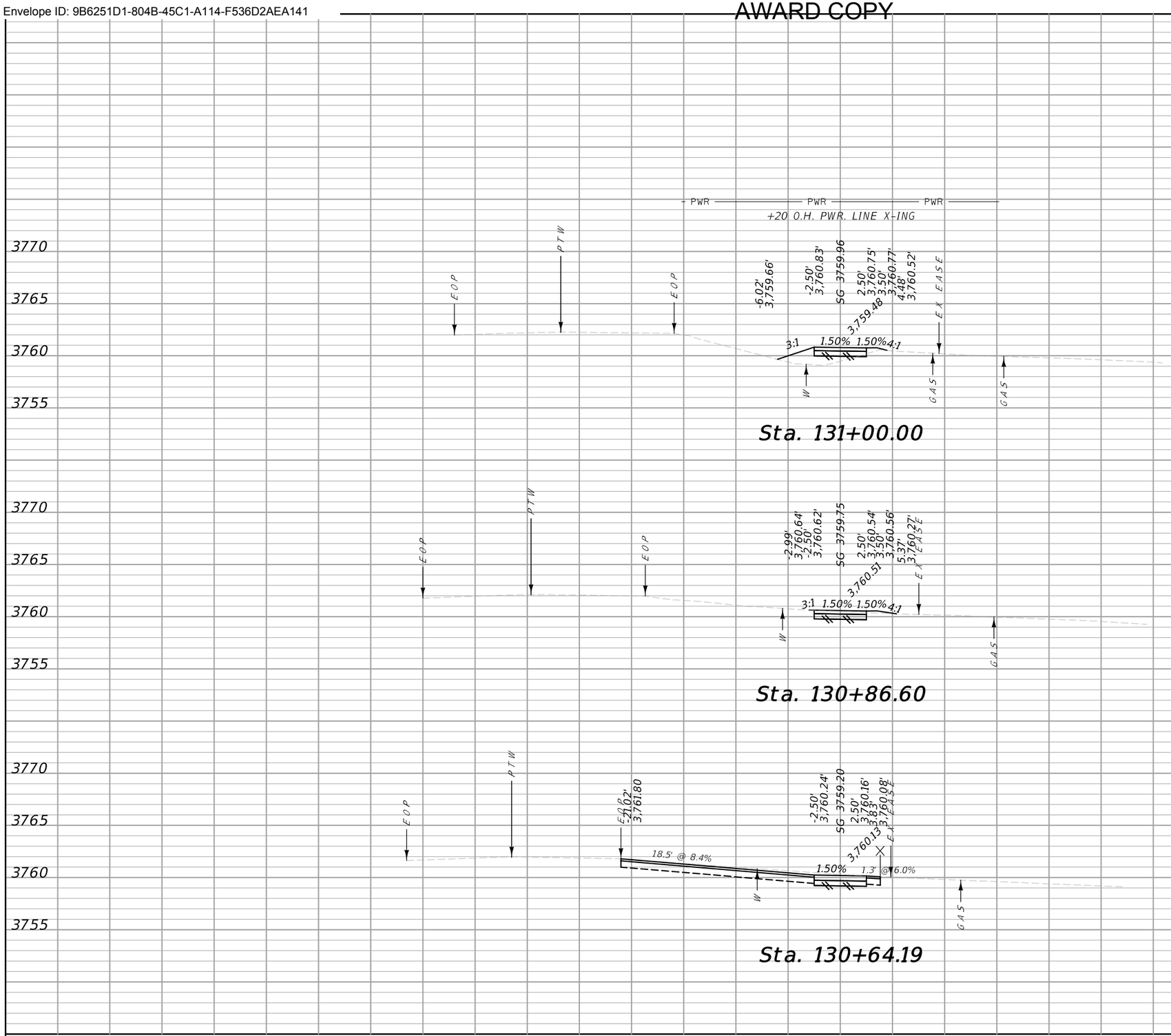
Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



CUT	FILL
2	0
9	1
9	3
9	7

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAD05.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:50 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	27

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

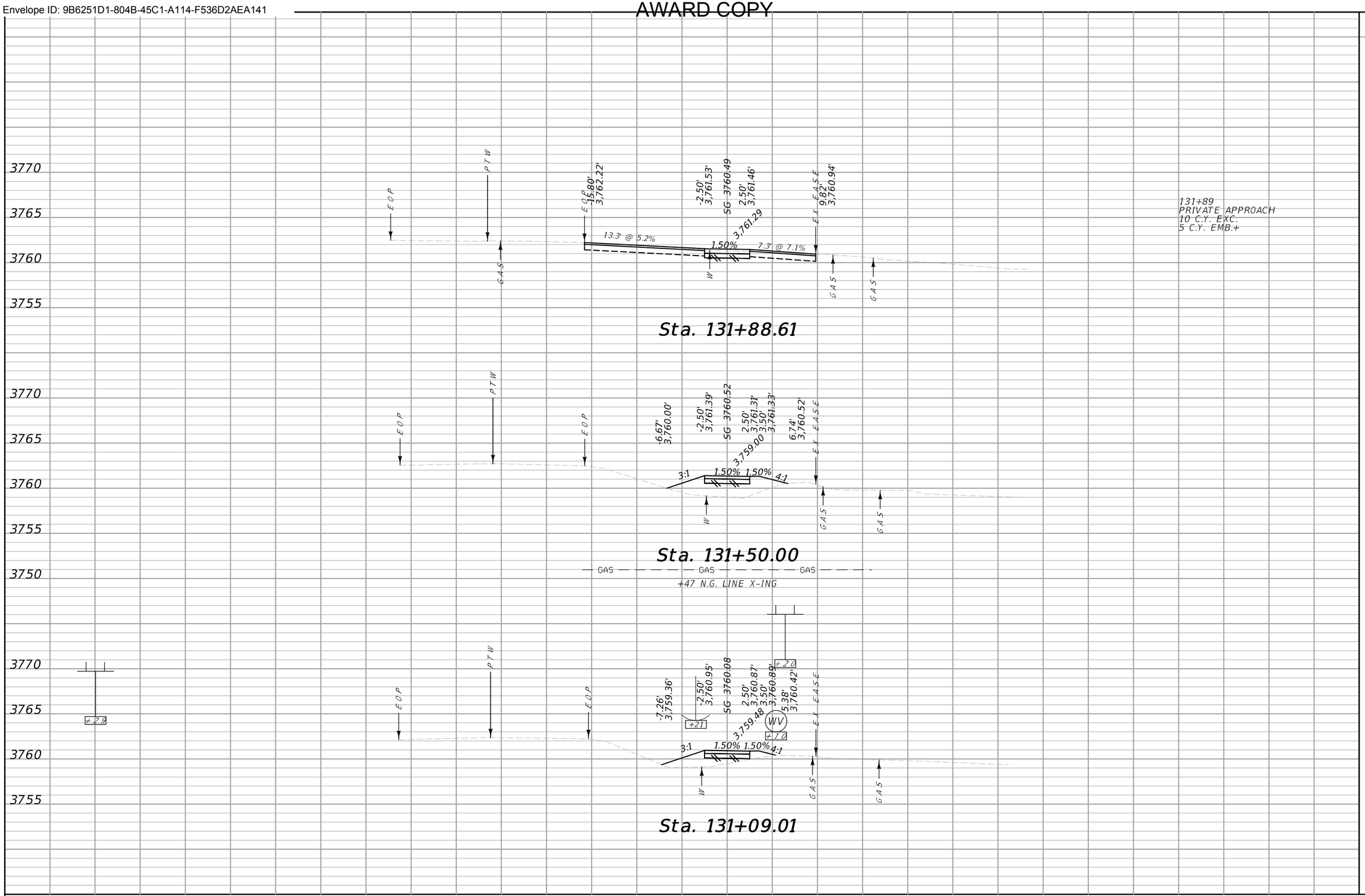


CUT	FILL
1	2
3	0
1	0

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.DGN	DESIGNED BY		CROSS SECTIONS		NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY					
	1:24:53 PM kedam	CHECKED BY		GLACIER COUNTY		UPN 9441000	28

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



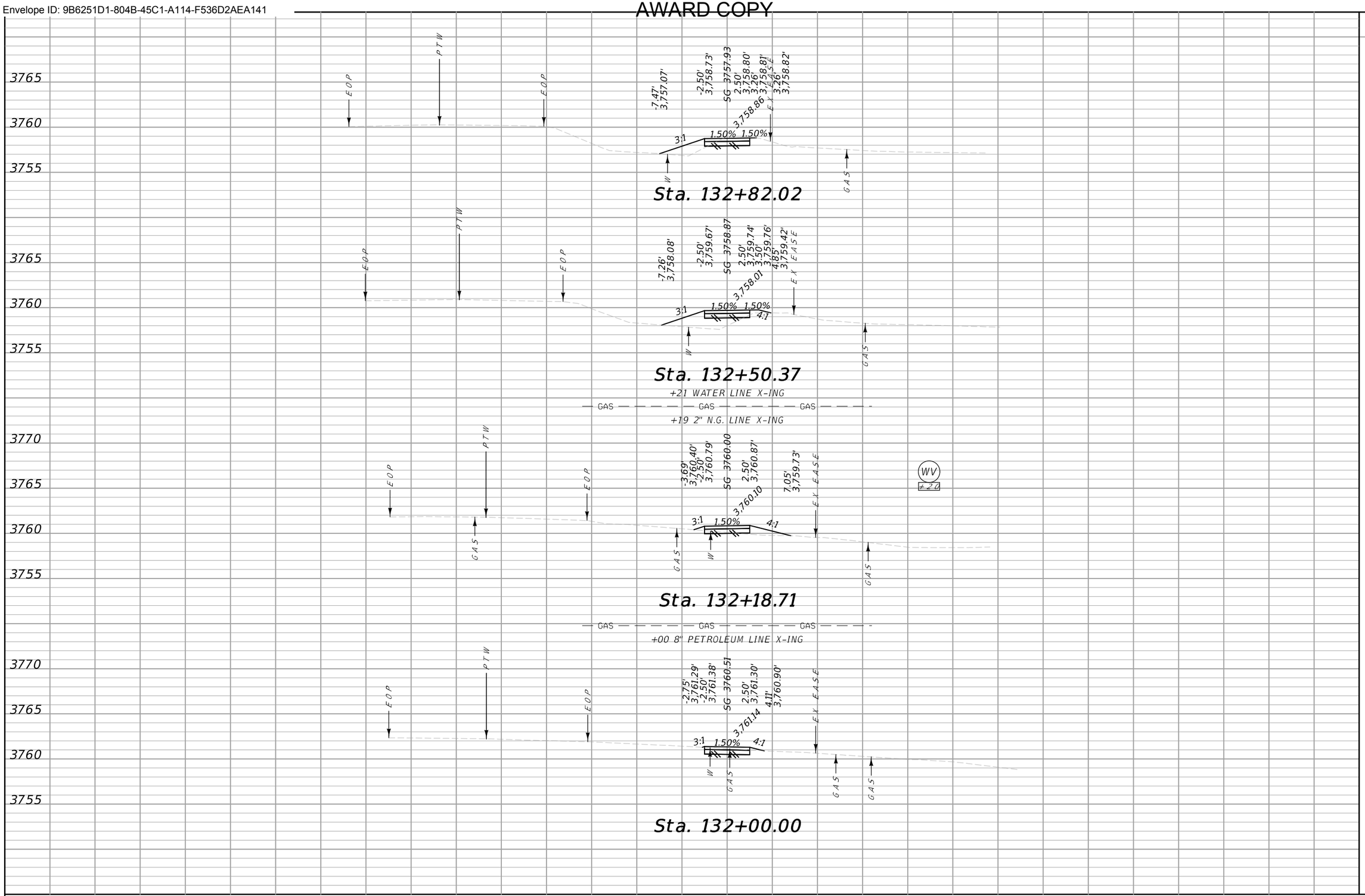
CUT	FILL
3	13
0	21
0	3

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA05.DGN	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:24:56 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	29

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



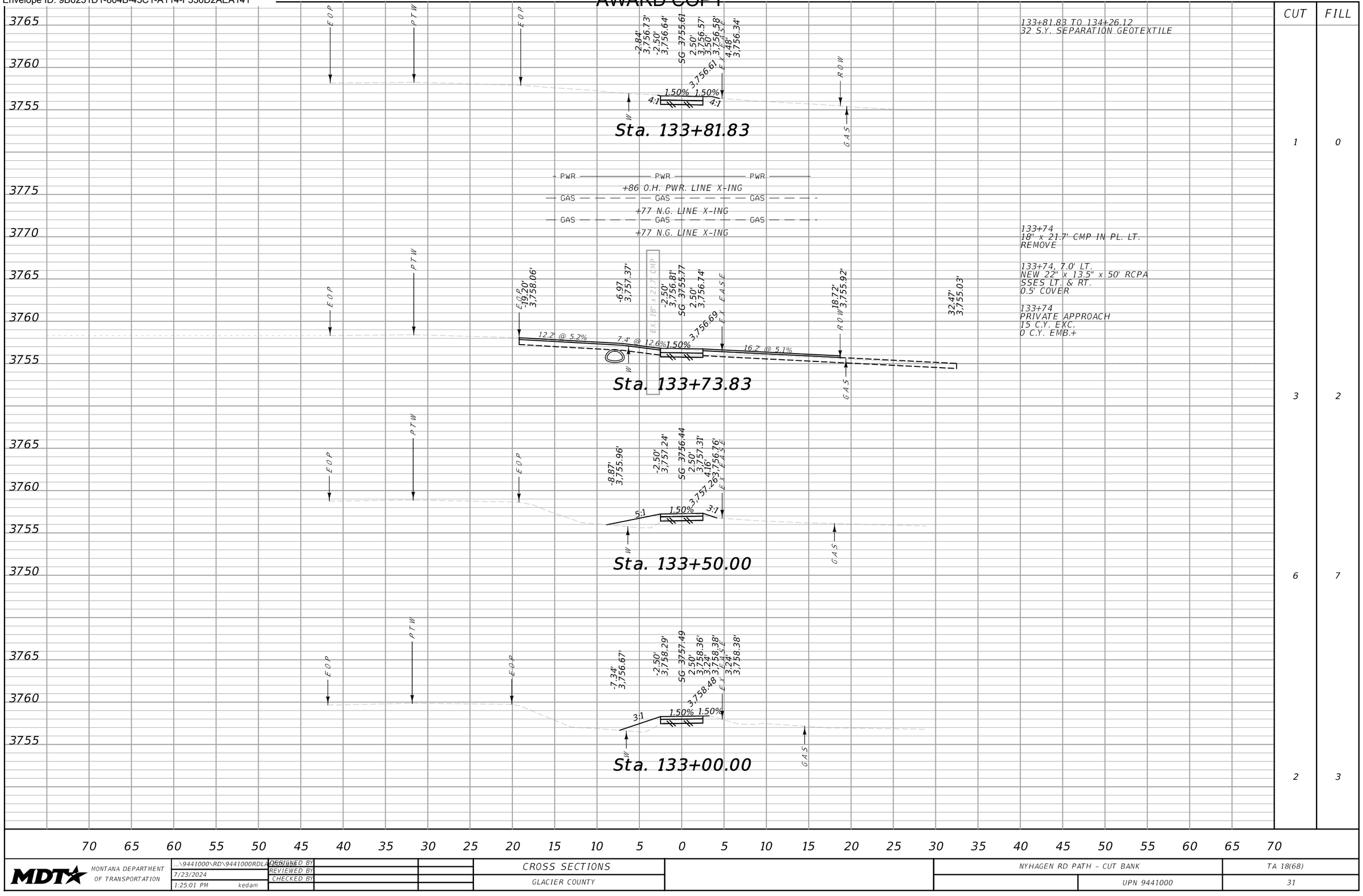
CUT	FILL
2	8
0	7
1	1
1	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn 7/23/2024 1:24:58 PM kedam	DESIGNED BY DRAWN BY REVIEWED BY CHECKED BY	CROSS SECTIONS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 30

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

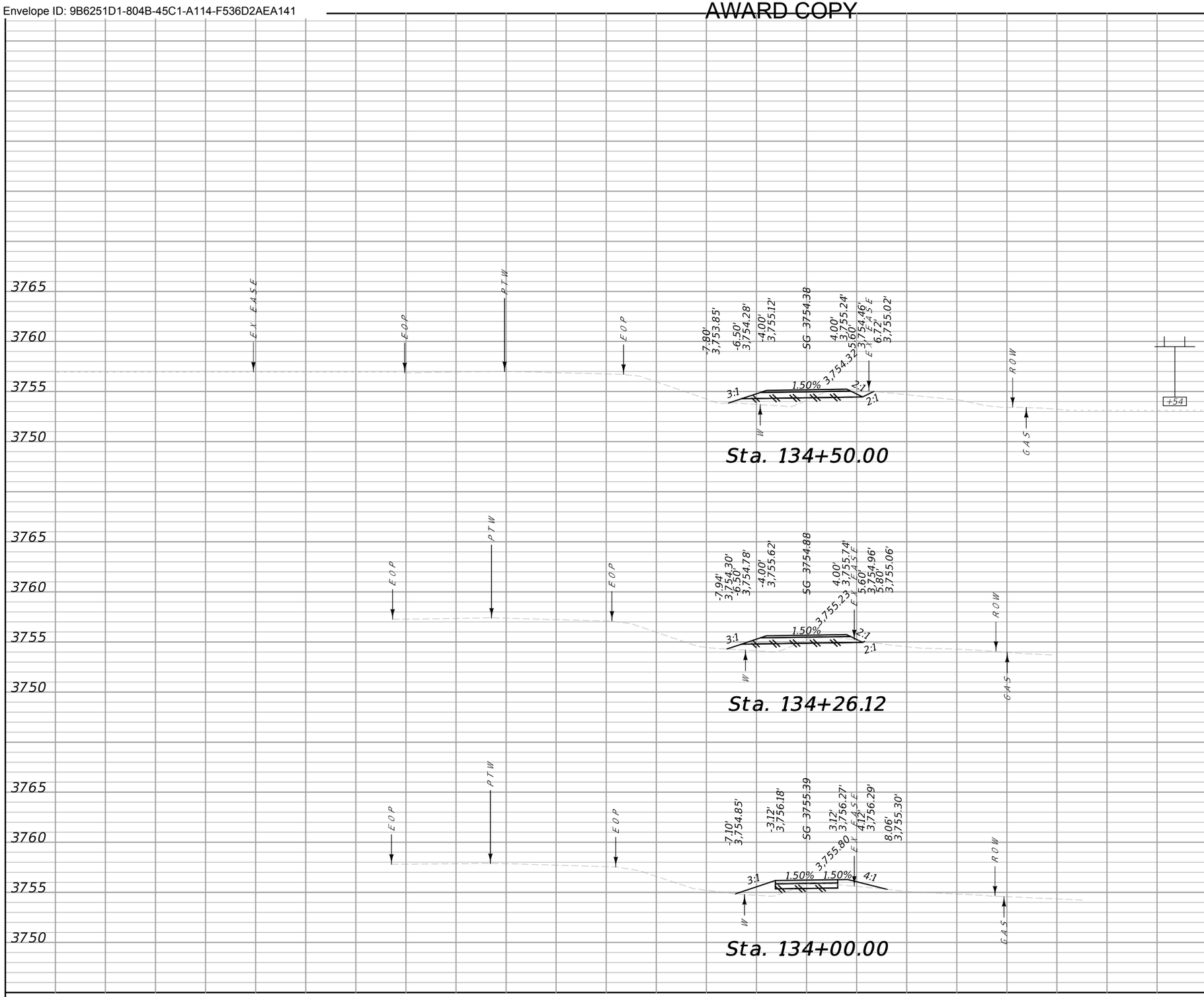


CUT	FILL
1	0
3	2
6	7
2	3

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY		GLACIER COUNTY	UPN 9441000	31
	1:25:01 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



134+26.12 TO 142+56.81
932 S.Y. SEPARATION GEOTEXTILE

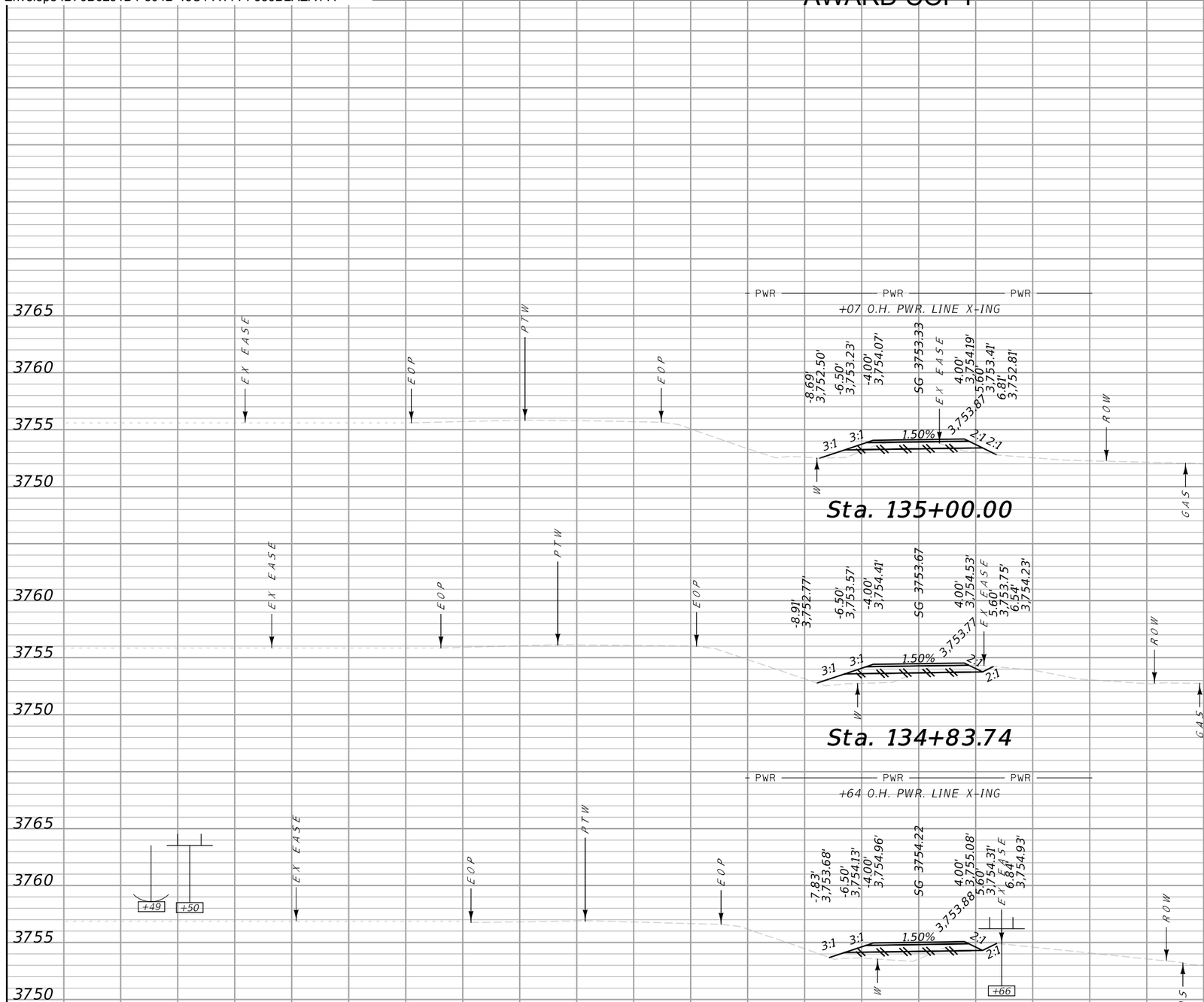
CUT	FILL
3	4
2	5
2	2

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	32
	1:25:04 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

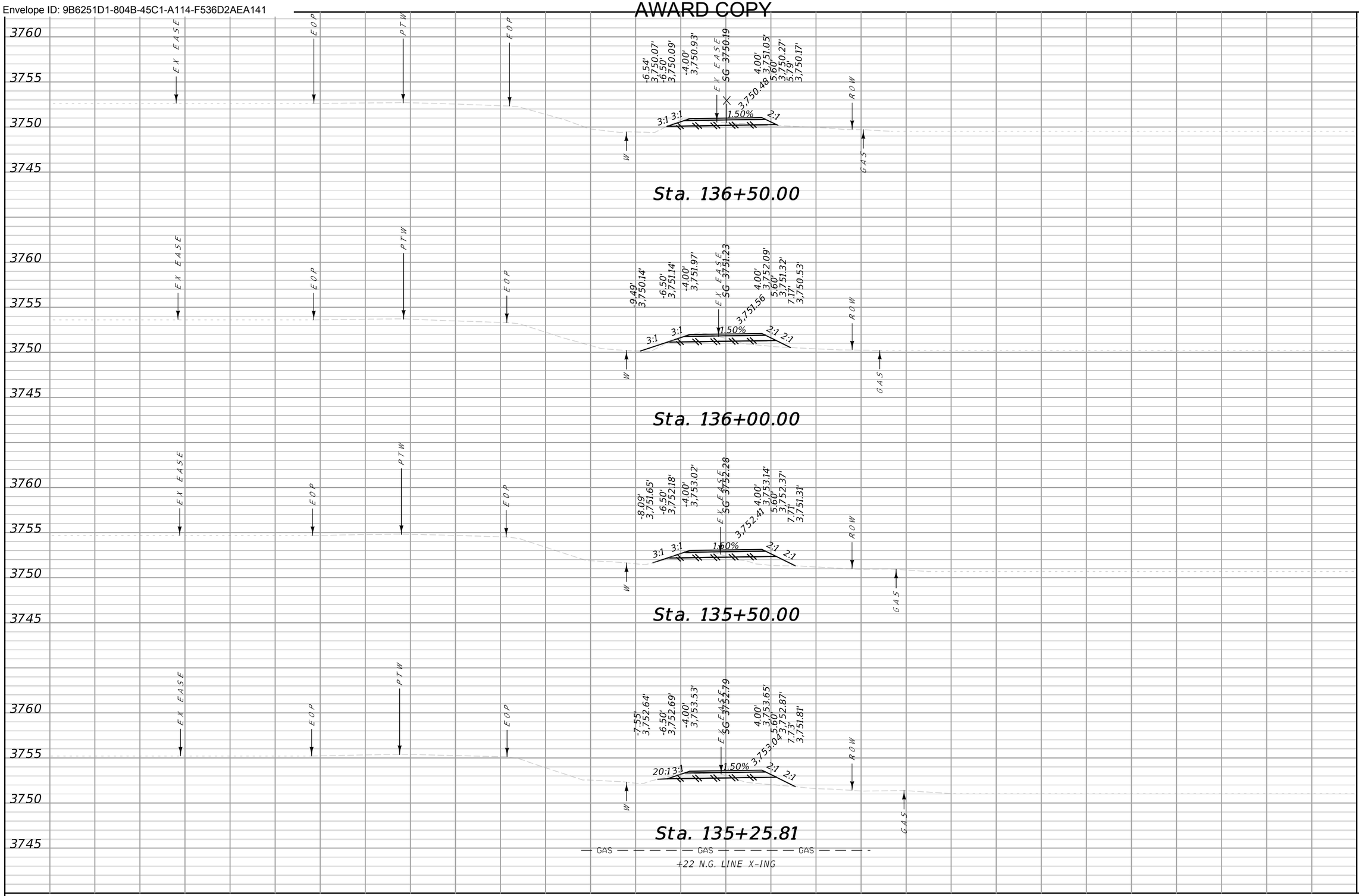


CUT	FILL
2	2
3	5
1	1

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:07 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	33

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



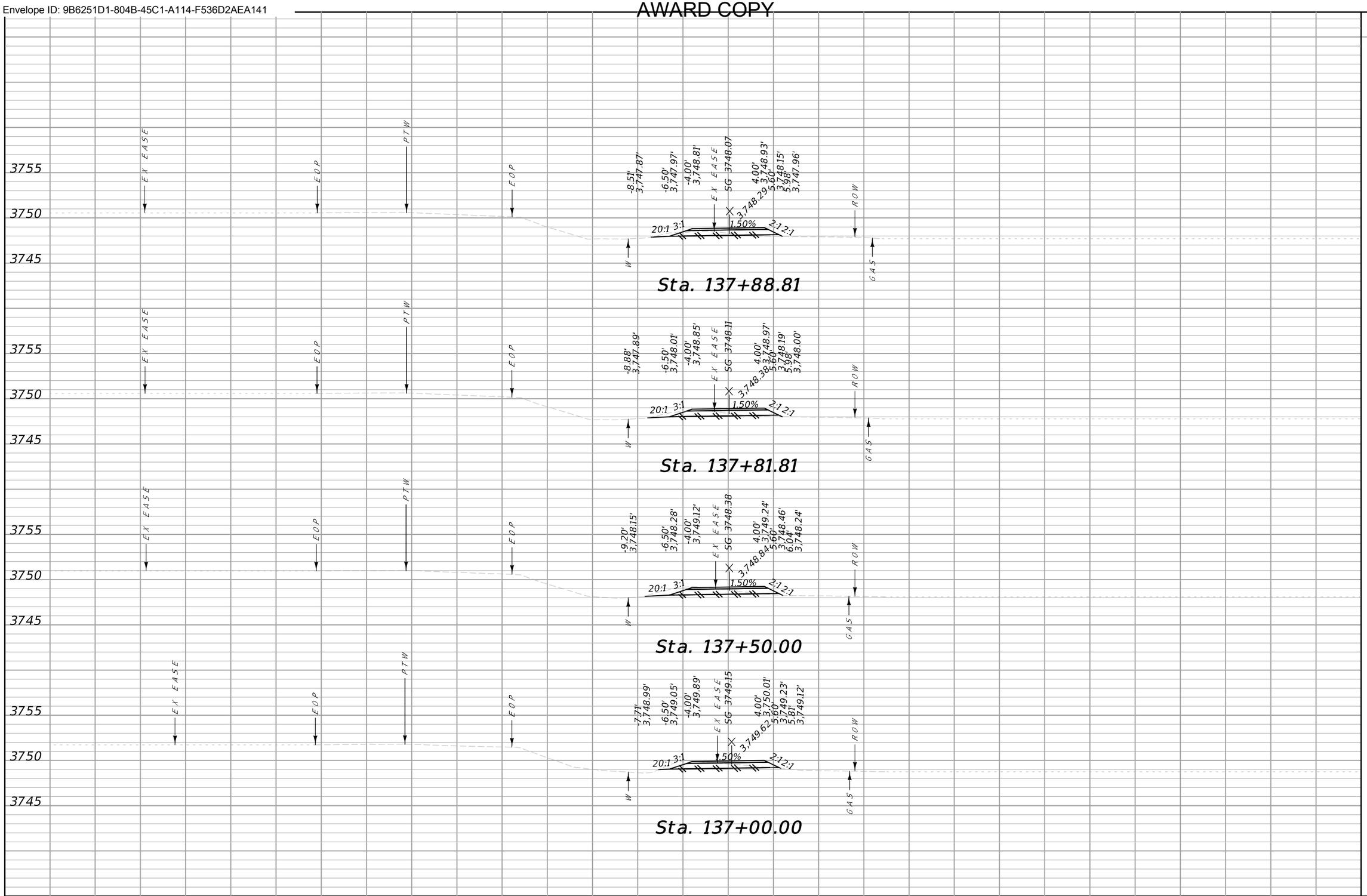
CUT	FILL
8	3
6	7
3	4
3	3

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:10 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	34

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

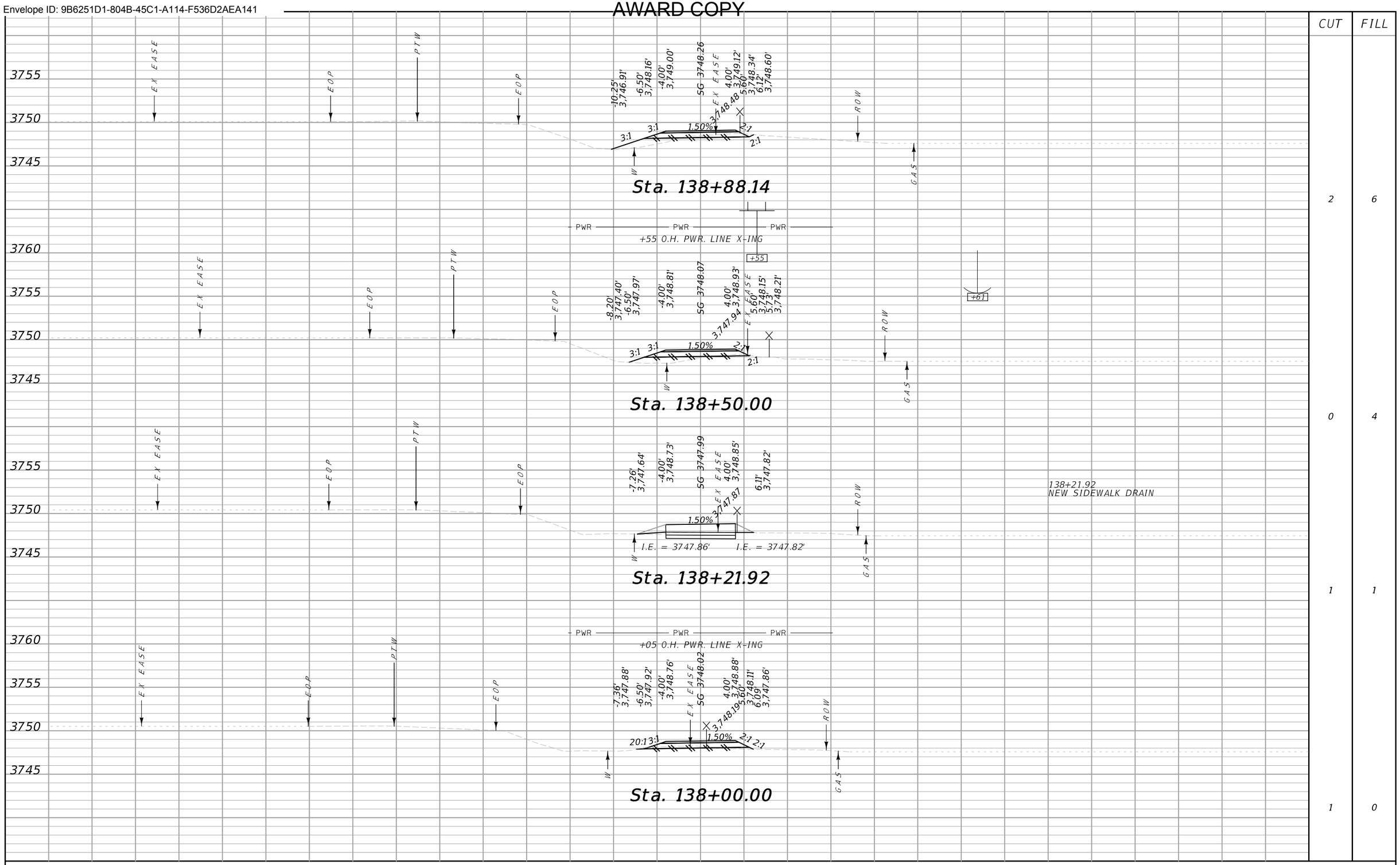


CUT	FILL
1	0
6	0
12	0
9	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dwg	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY			
	1:25:13 PM kedam	CHECKED BY	GLACIER COUNTY	UPN 9441000	35

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

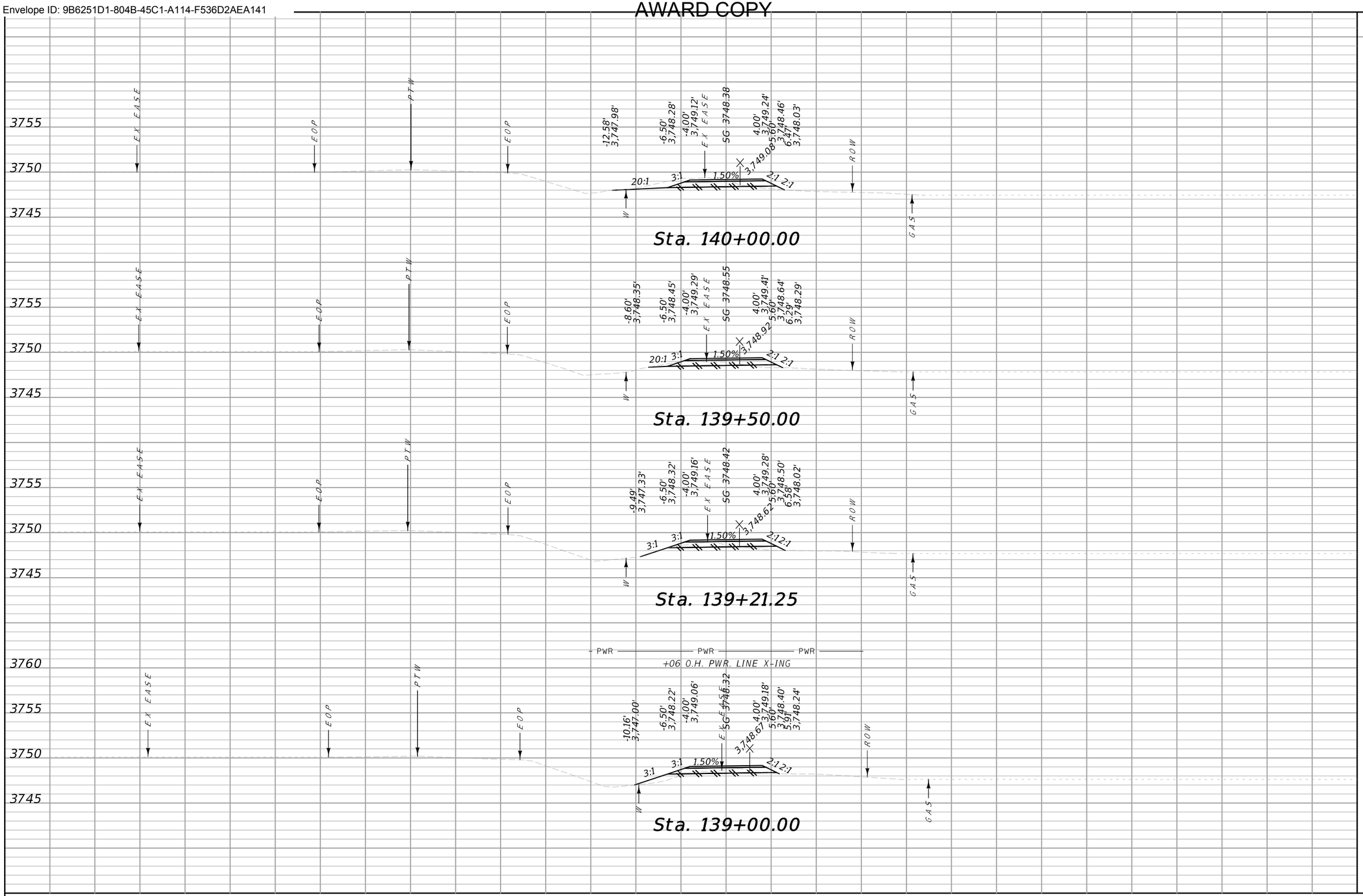


CUT	FILL
2	6
0	4
1	1
1	0

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:16 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	36

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



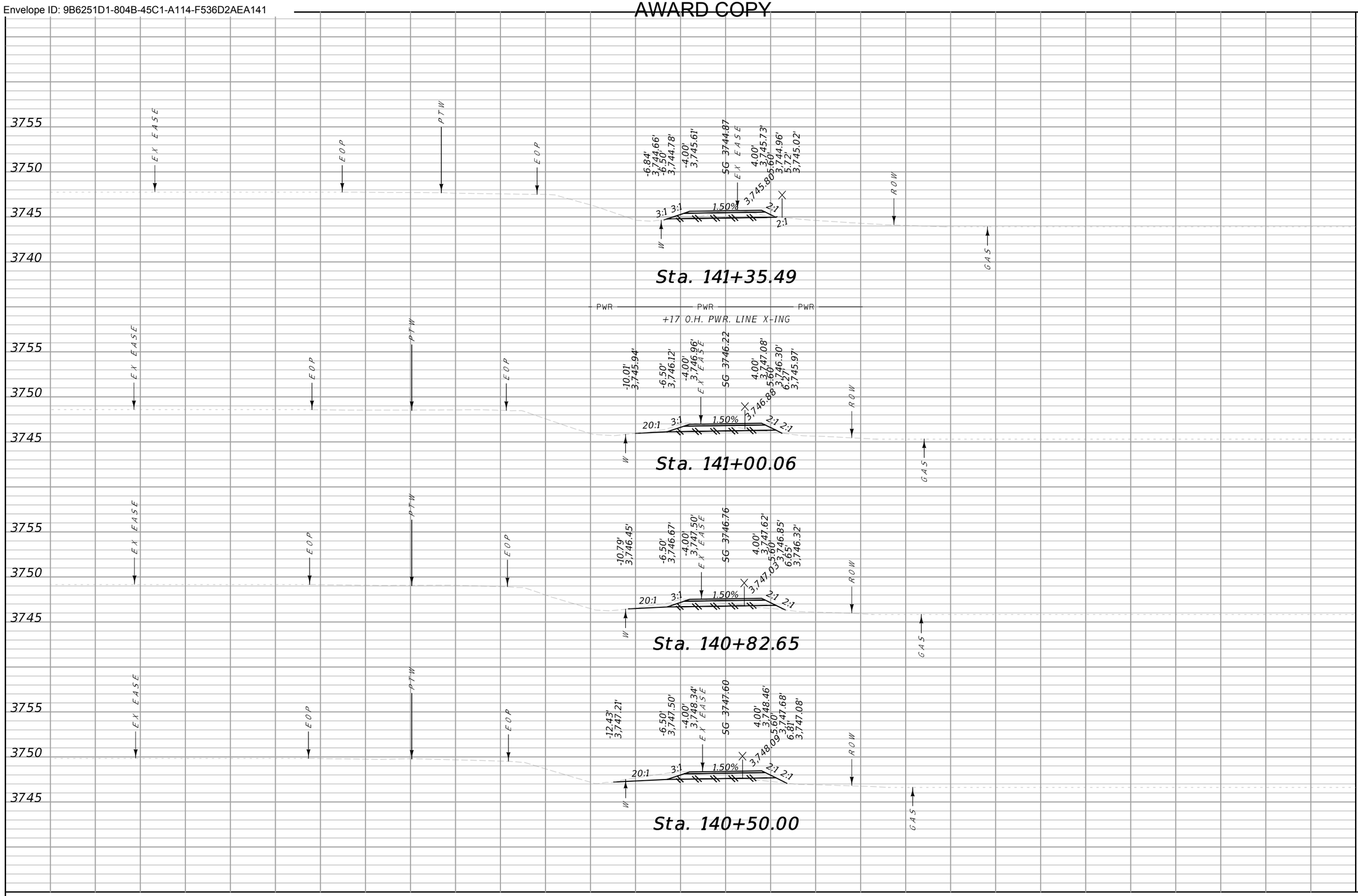
CUT	FILL
11	1
3	1
2	2
1	1

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAD16.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:18 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	37

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



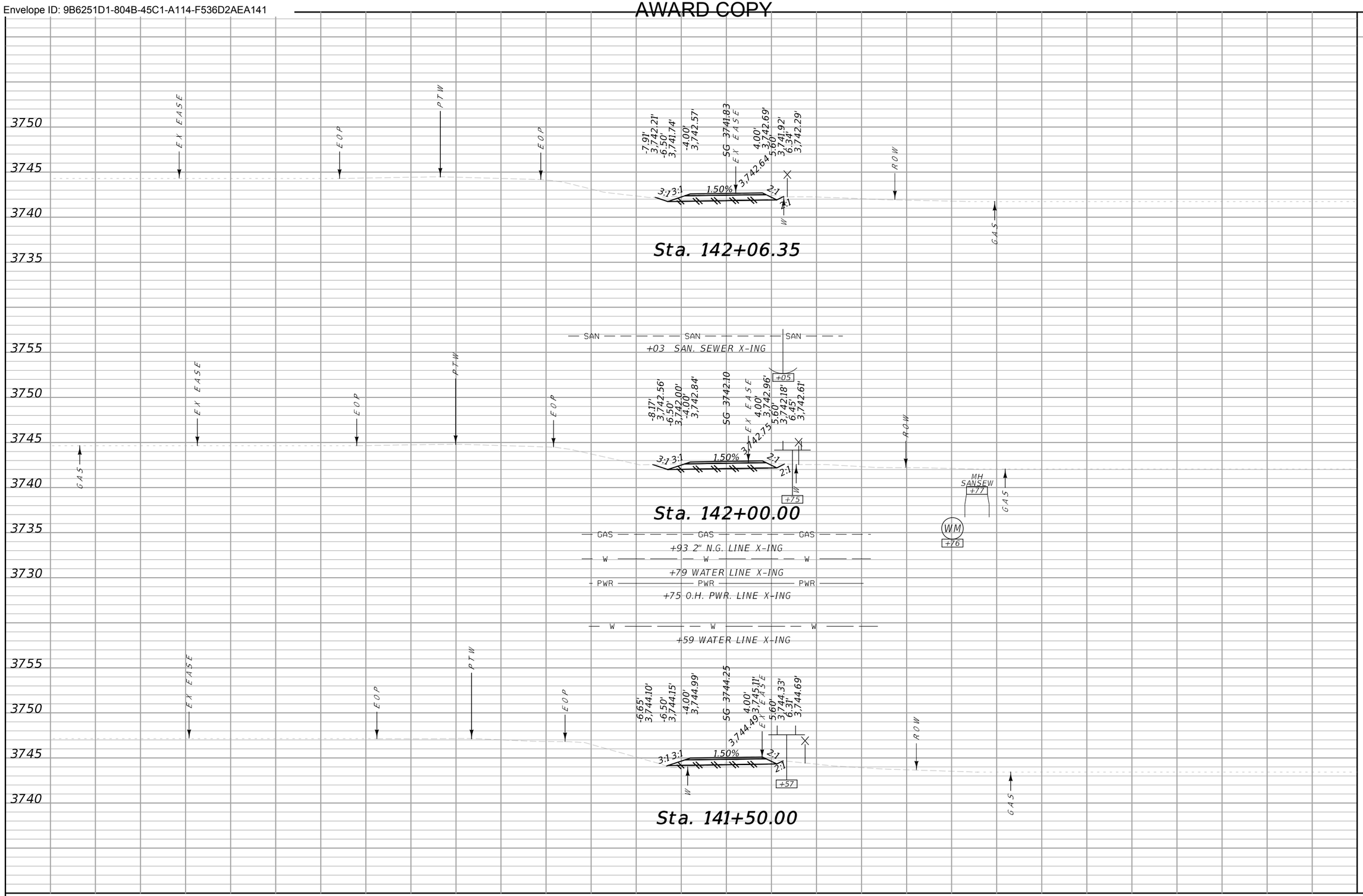
CUT	FILL
7	0
4	0
8	1
15	2

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:21 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	38

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



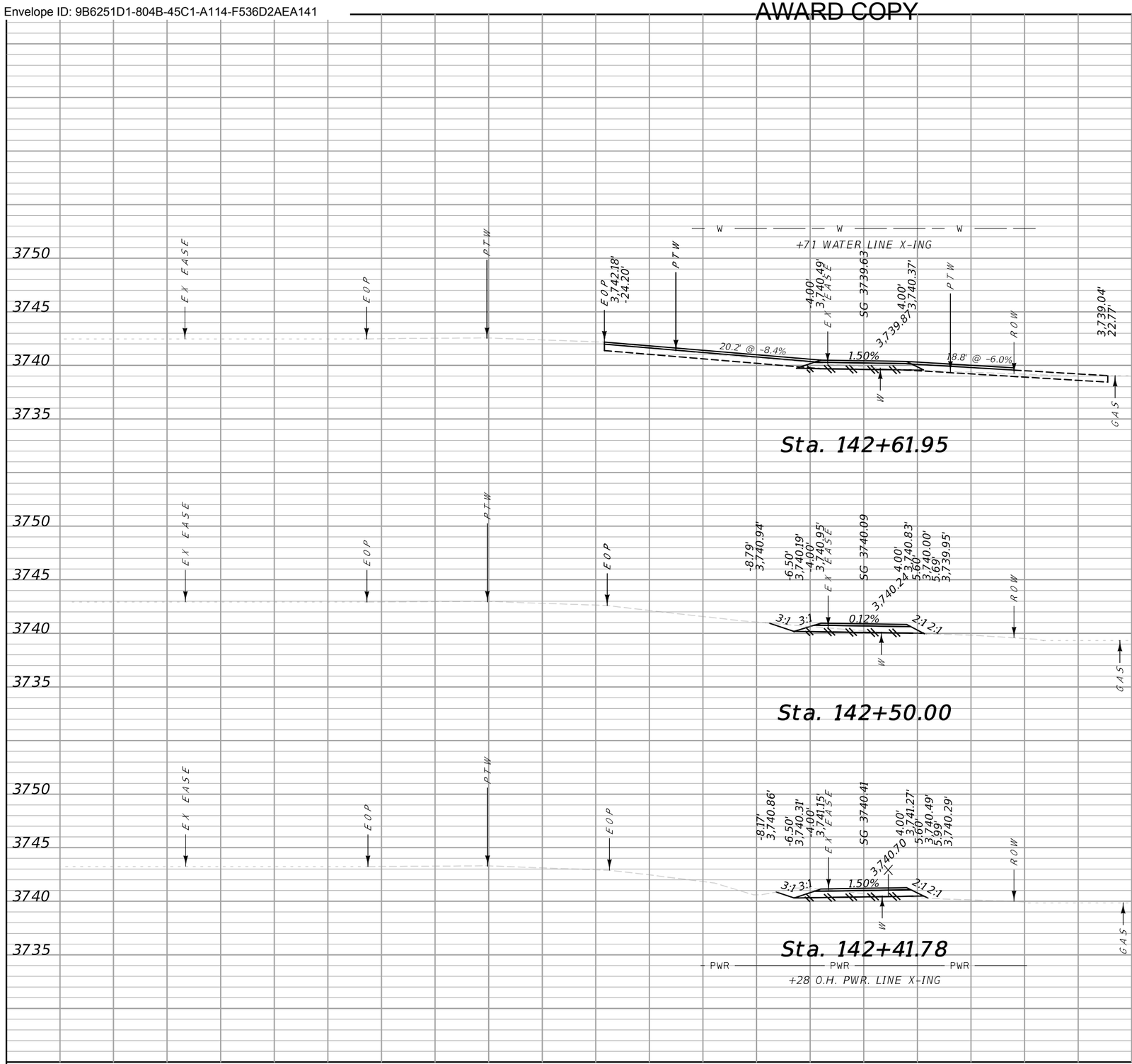
CUT	FILL
2	0
11	1
2	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:24 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	39

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



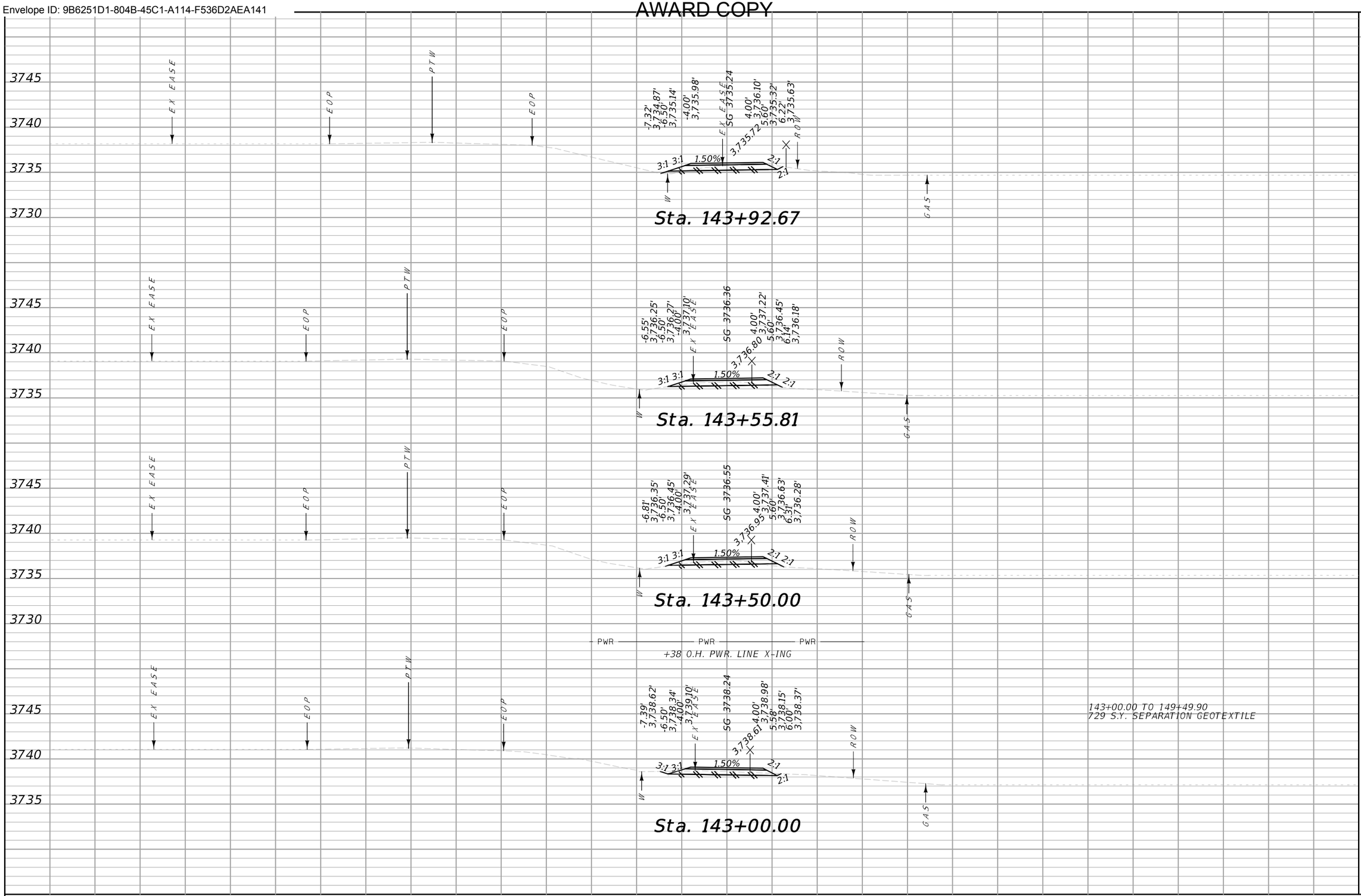
CUT	FILL
2	0
1	0
9	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn 7/23/2024 1:25:27 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		CROSS SECTIONS GLACIER COUNTY	NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 40

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

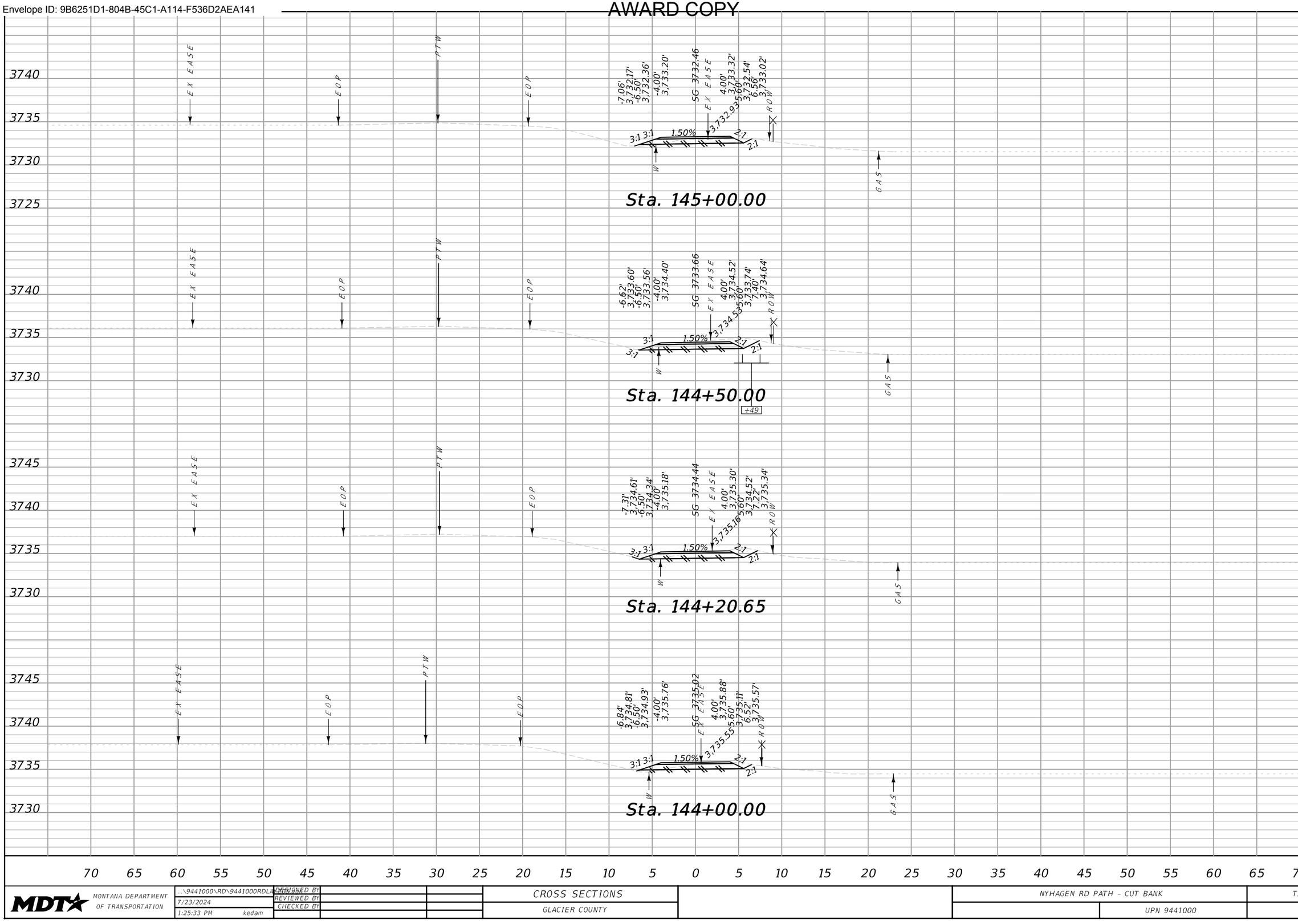
AWARD COPY



CUT	FILL
5	0
1	0
7	0
6	0

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK
	7/23/2024	REVIEWED BY		GLACIER COUNTY	TA 18(68)
	1:25:30 PM kedam	CHECKED BY			UPN 9441000 41

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

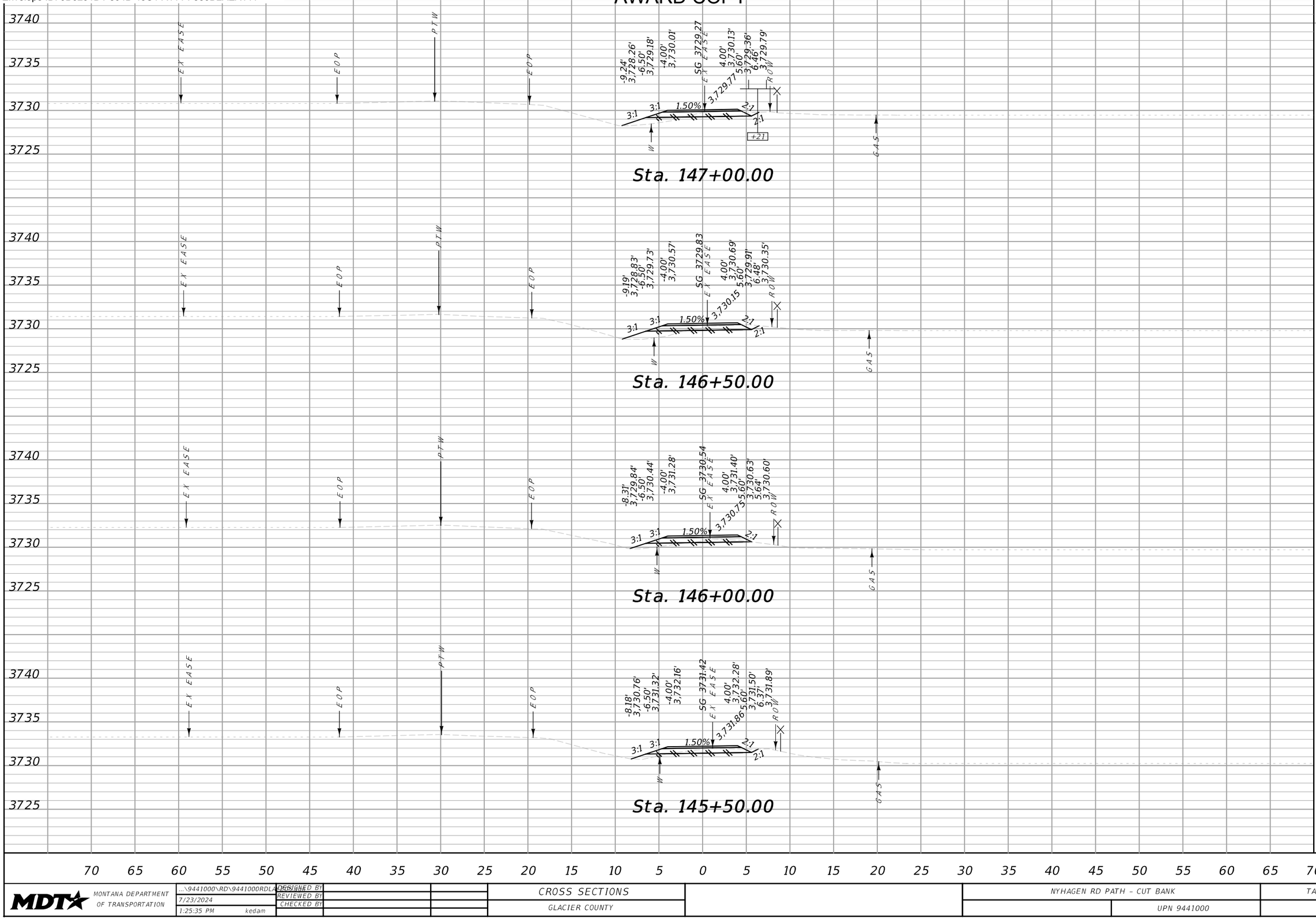


CUT	FILL
13	0
9	0
5	0
1	0

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK
	7/23/2024	REVIEWED BY		GLACIER COUNTY	TA 18(68)
	1:25:33 PM kedam	CHECKED BY			UPN 9441000
					42

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
7	6
5	5
5	3
7	1

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK
	7/23/2024	REVIEWED BY		GLACIER COUNTY	TA 18(68)
	1:25:35 PM kedam	CHECKED BY			UPN 9441000 43

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

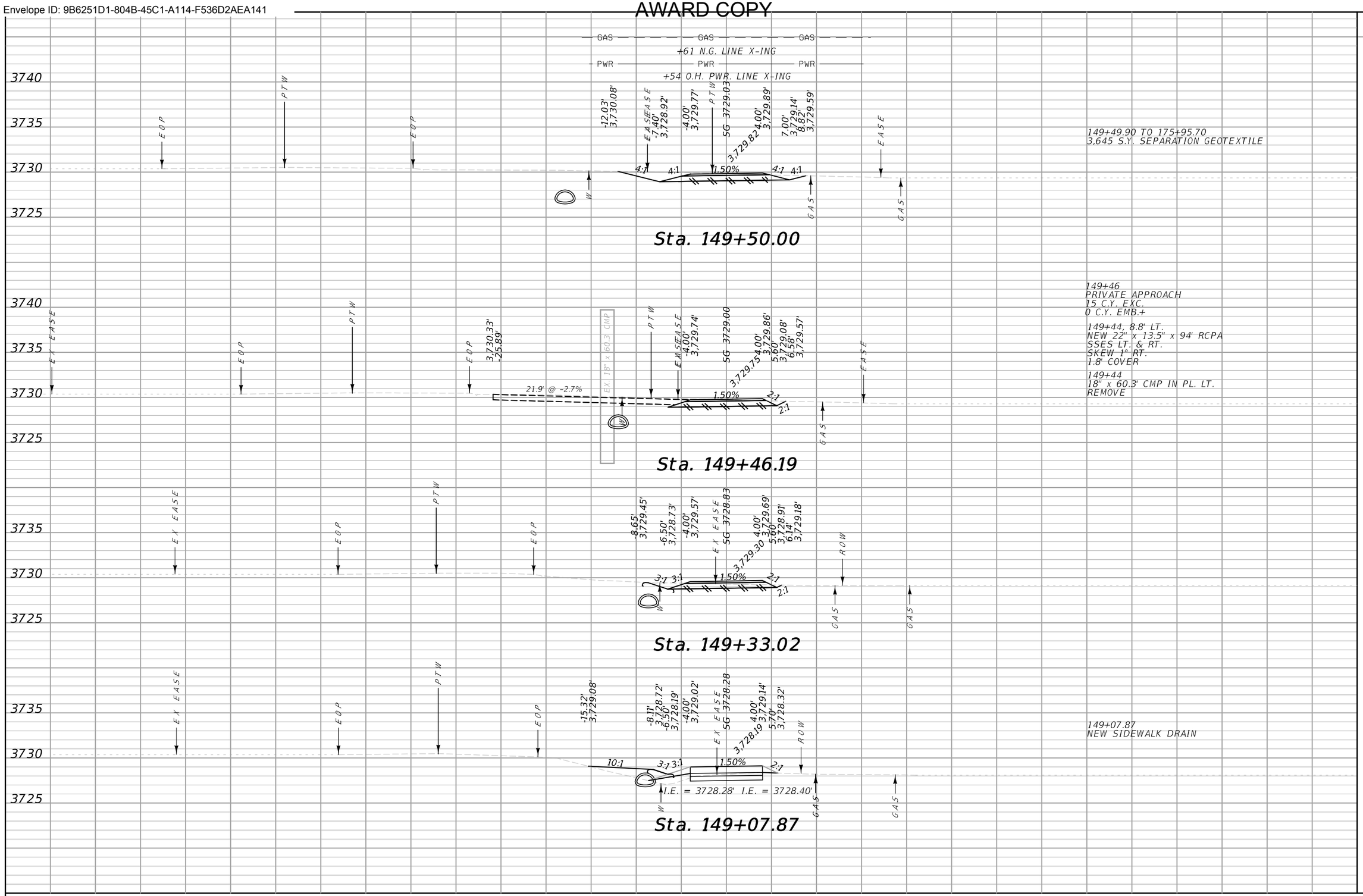
AWARD COPY

CUT	FILL
5	11
8	3
8	3
8	5

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:38 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	44

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

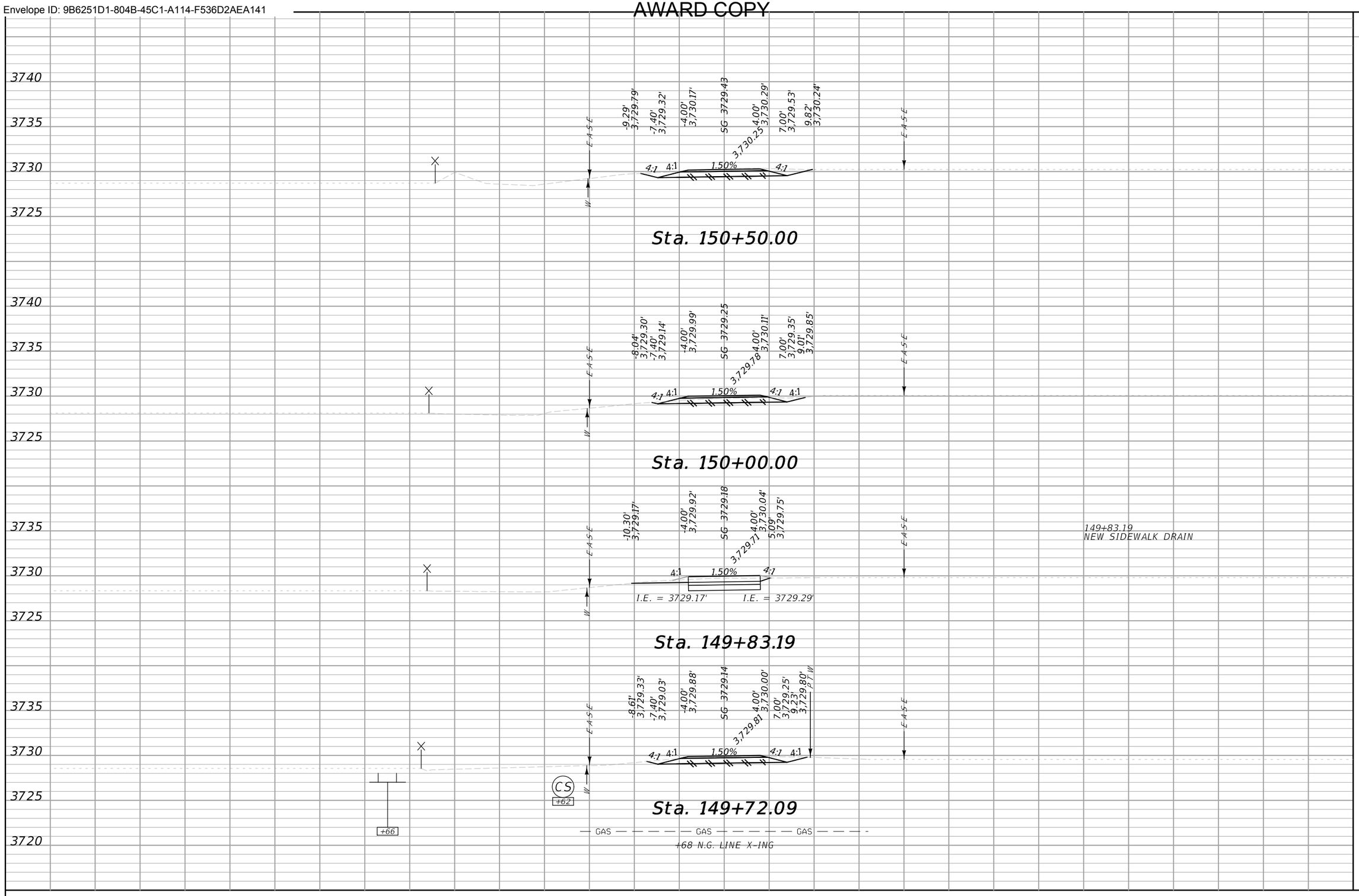


CUT	FILL
2	0
4	0
6	5
1	3

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAND.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:41 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	45

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

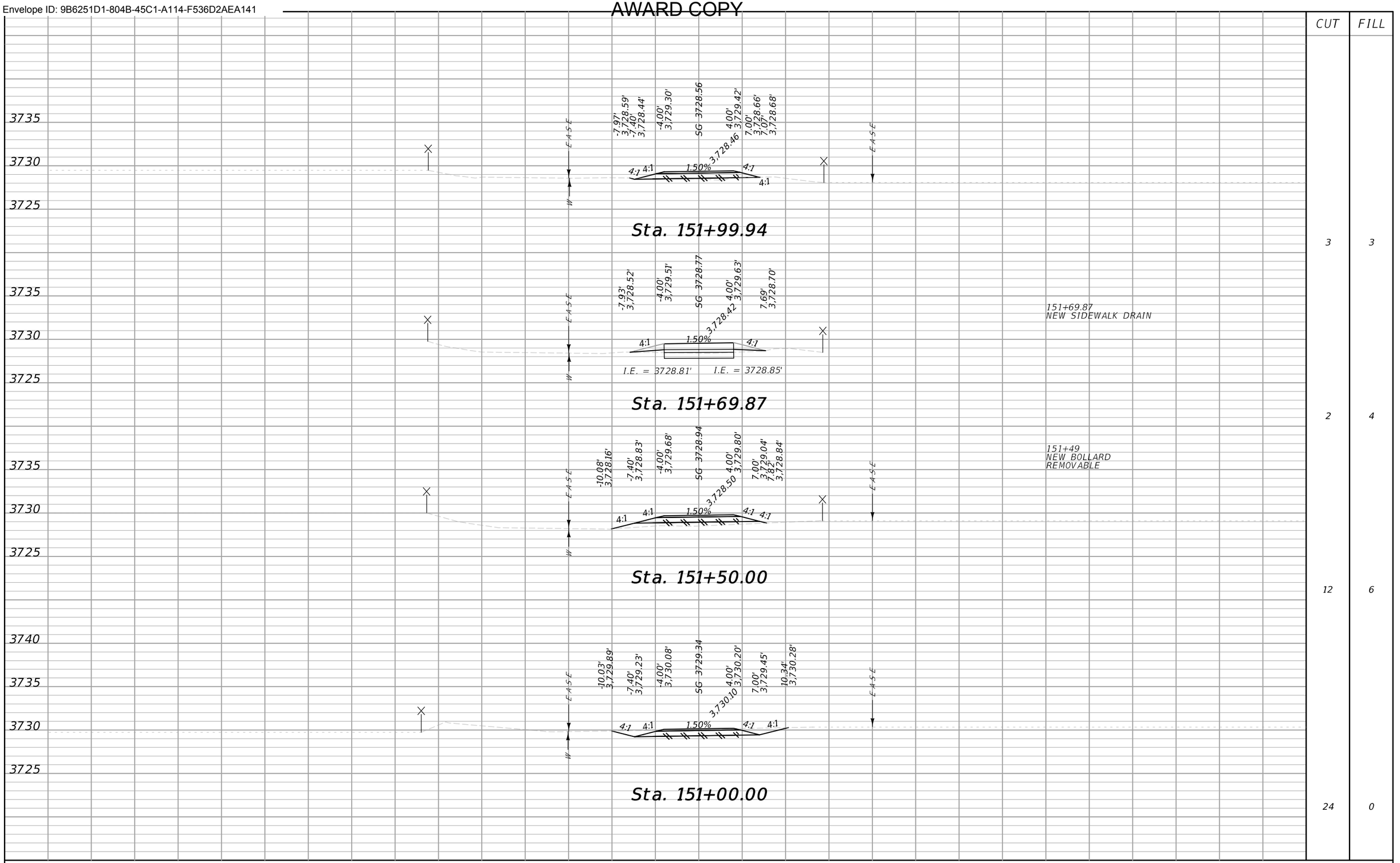


CUT	FILL
18	0
4	0
4	0
10	0

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:44 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	46

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
3	3
2	4
12	6
24	0

MONTANA DEPARTMENT OF TRANSPORTATION

..\9441000\RD\9441000RDLAY01.dgn
7/23/2024
1:25:47 PM kedam

DESIGNED BY
REVIEWED BY
CHECKED BY

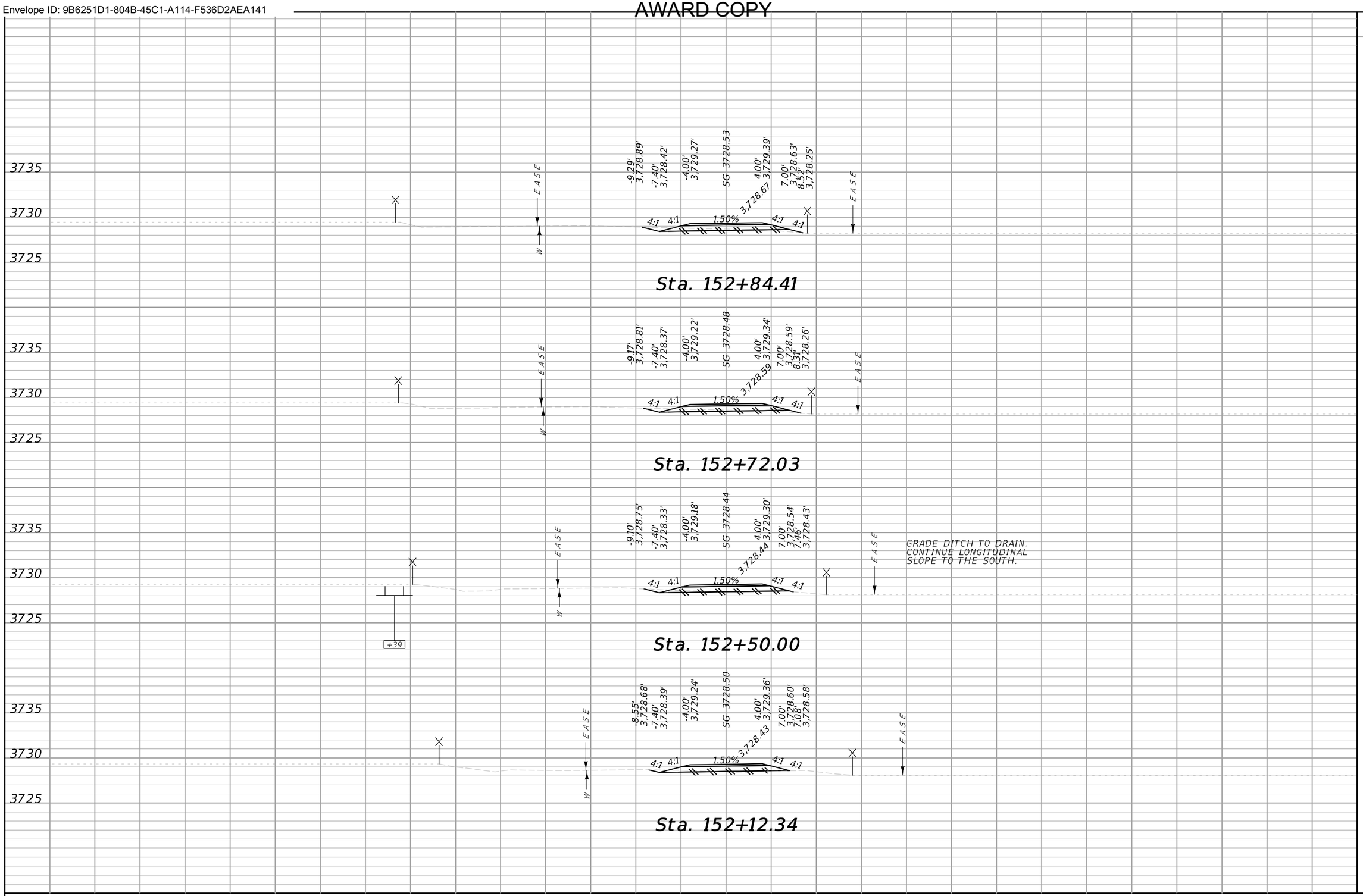
CROSS SECTIONS
GLACIER COUNTY

NYHAGEN RD PATH – CUT BANK
UPN 9441000

TA 18(68)
47

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



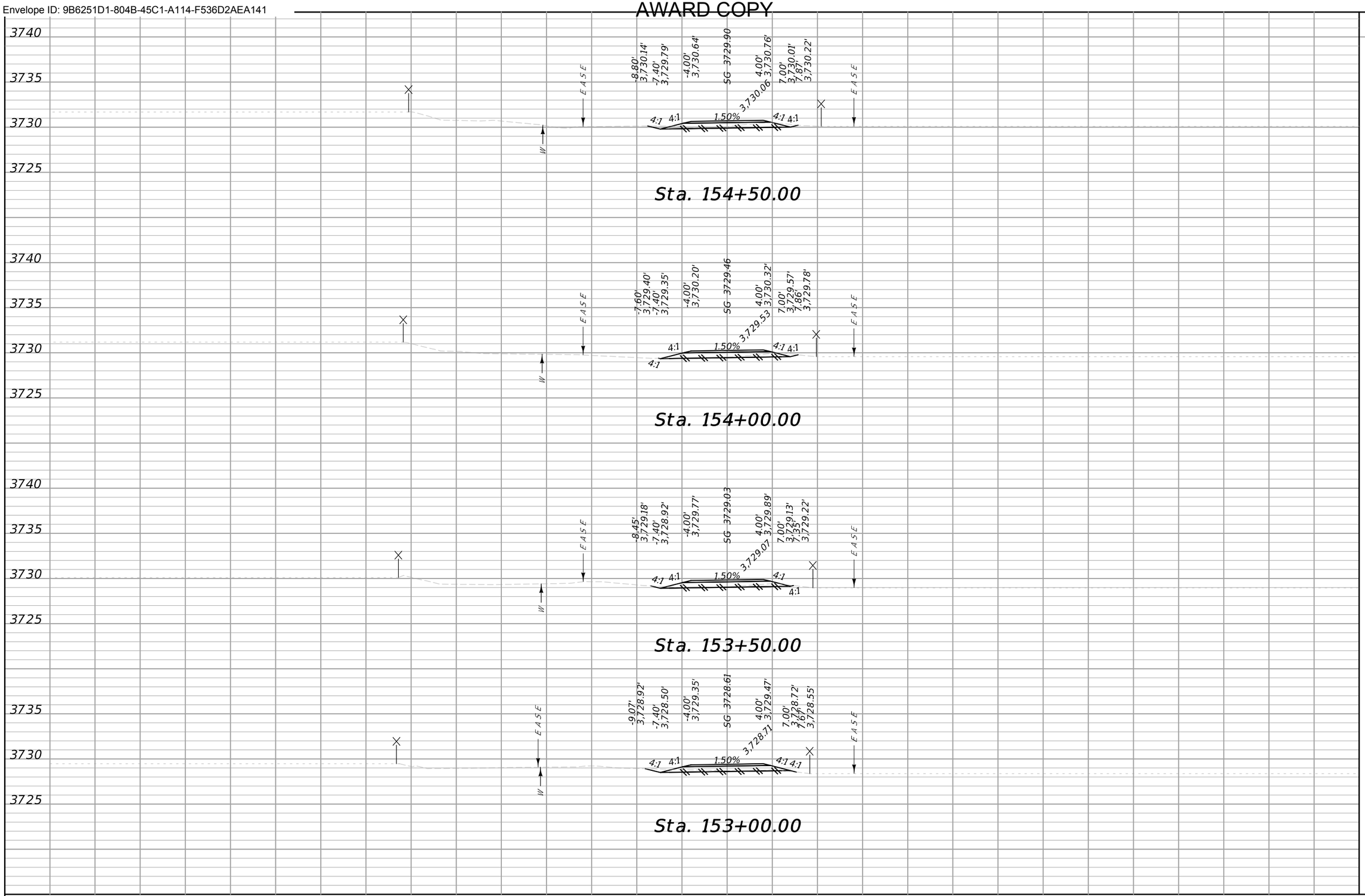
CUT	FILL
1	0
2	0
2	1
0	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dwg	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:50 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	48

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

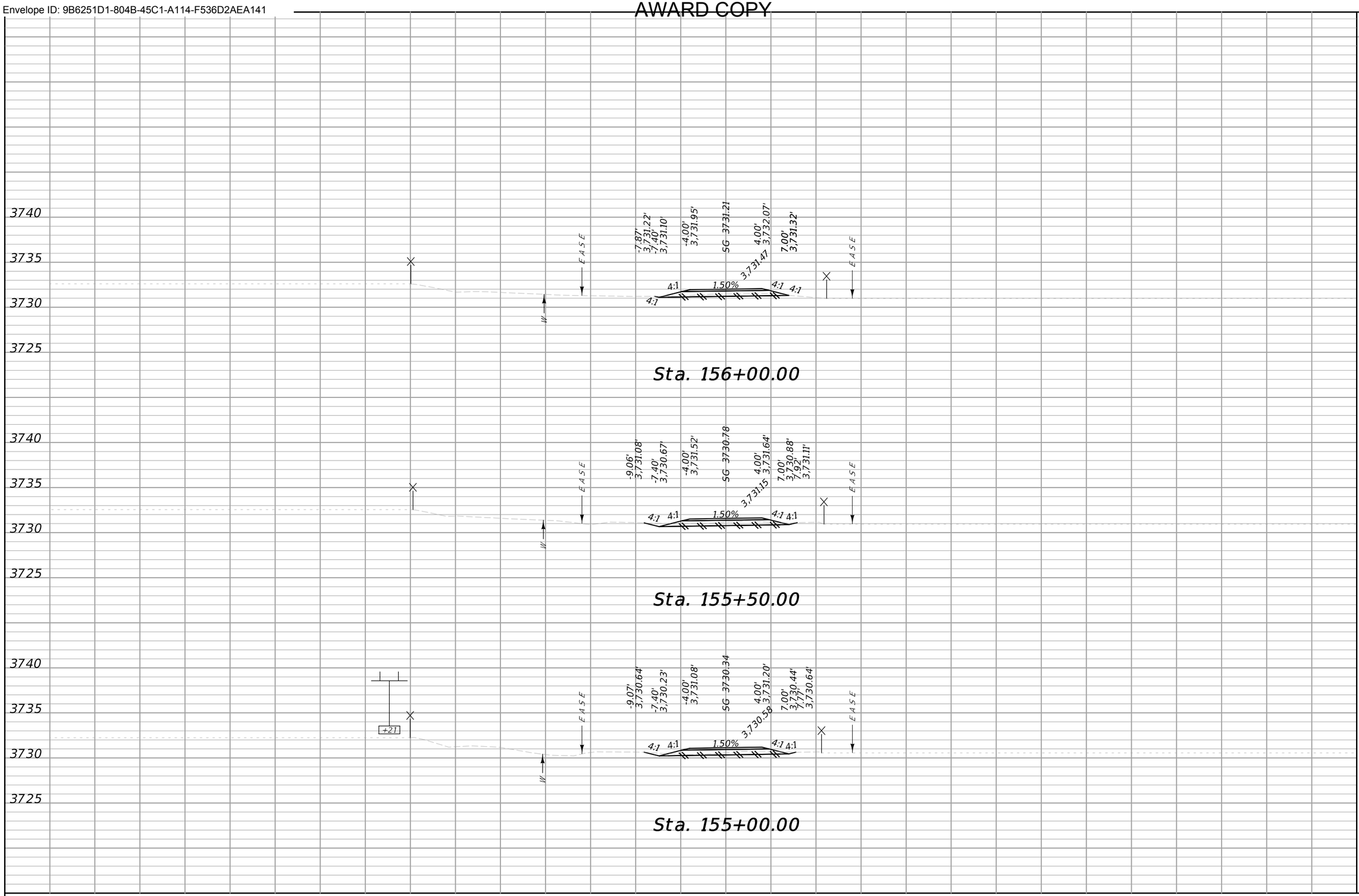


CUT	FILL
6	0
4	0
4	0
2	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	49
	1:25:53 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



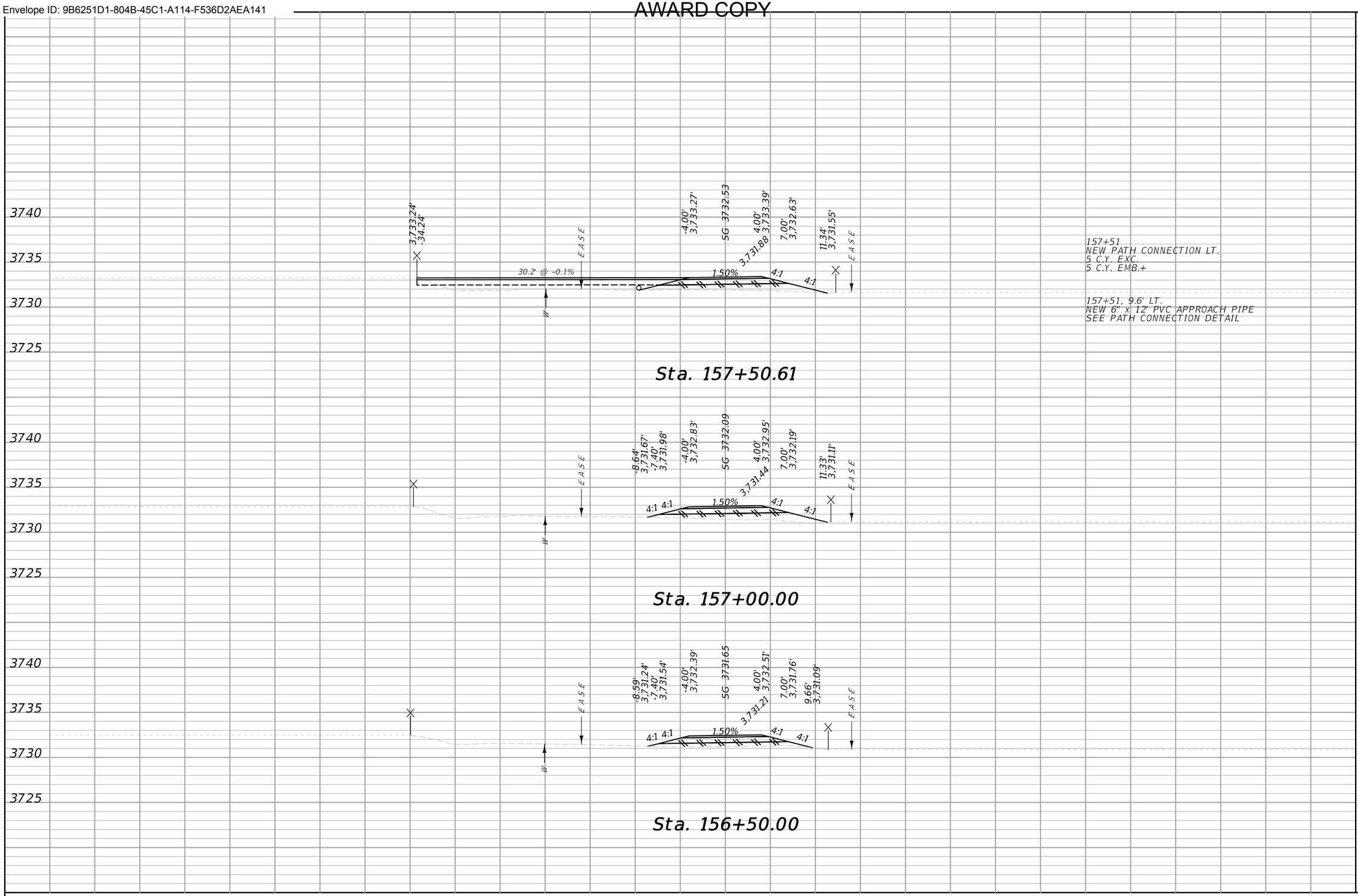
CUT	FILL
8	0
8	0
8	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dwg	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:25:55 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	50

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

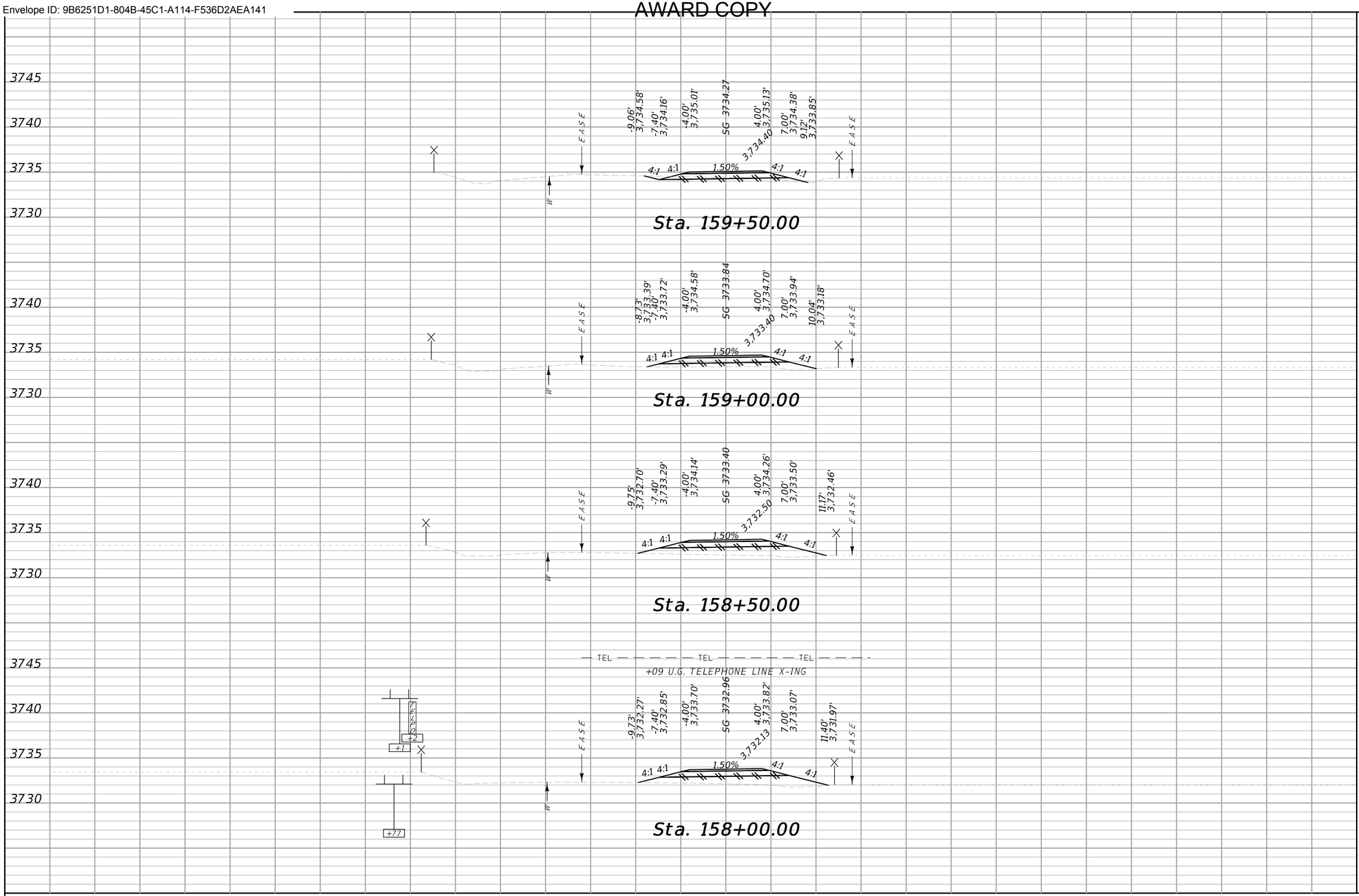


CUT	FILL
0	22
0	17
3	6

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY			CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK / TA 18(68)
	7/23/2024	REVIEWED BY			GLACIER COUNTY	UPN 9441000 / 51
	1:25:58 PM kedam	CHECKED BY				

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



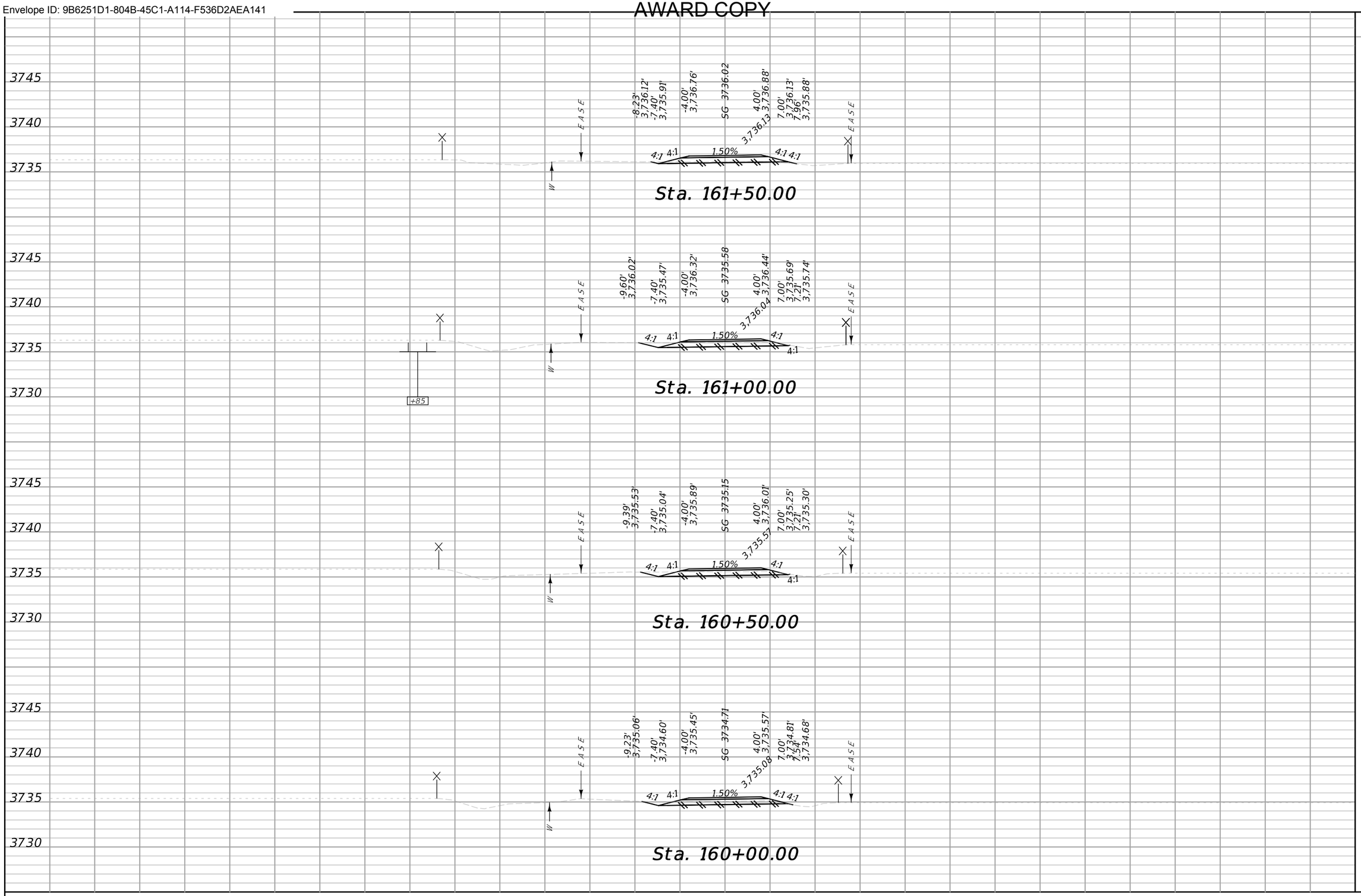
CUT	FILL
2	9
0	23
0	30
0	26

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:26:01 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	52

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

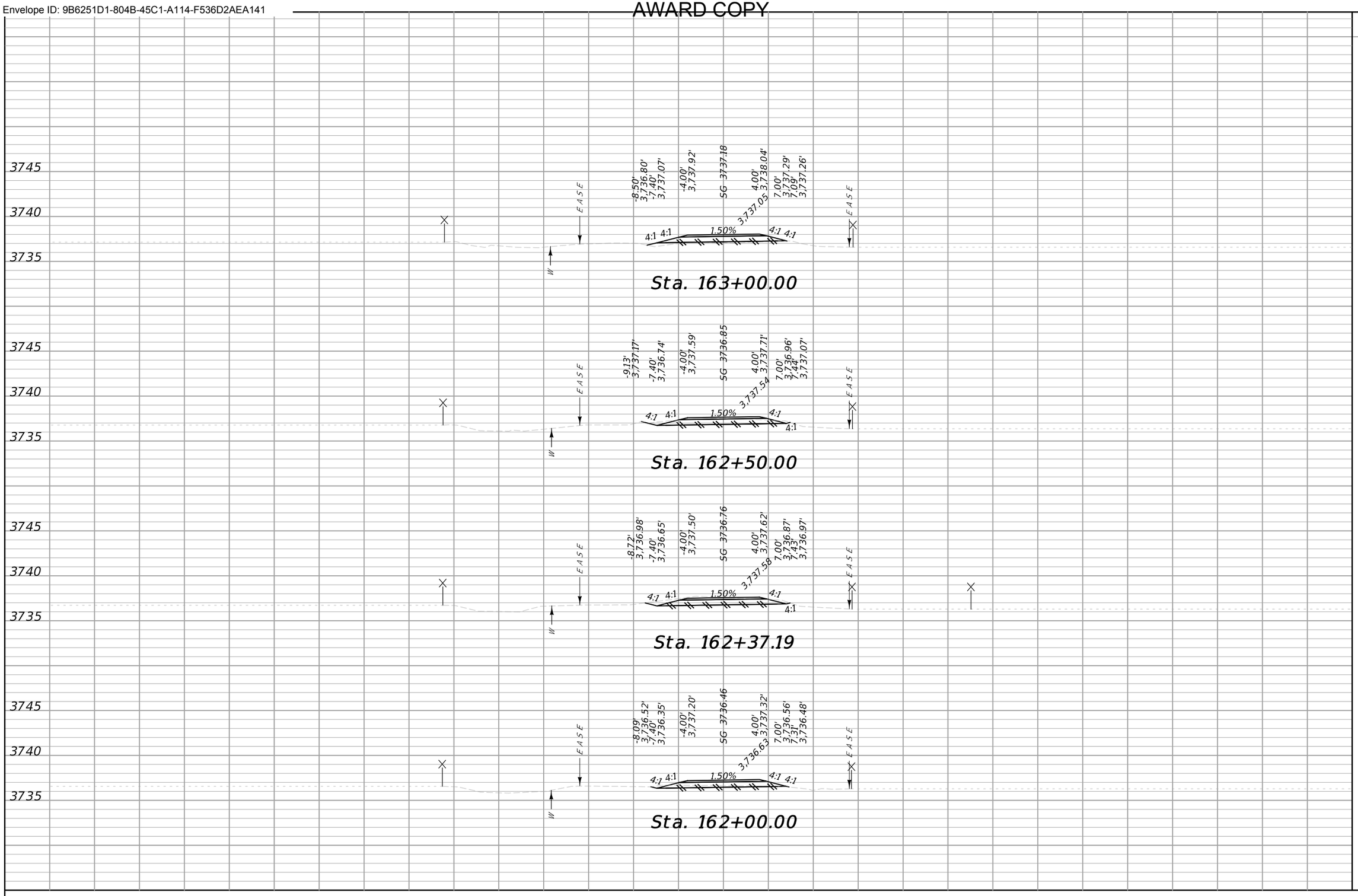


CUT	FILL
8	0
12	0
11	0
7	1

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	53
	1:26:04 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



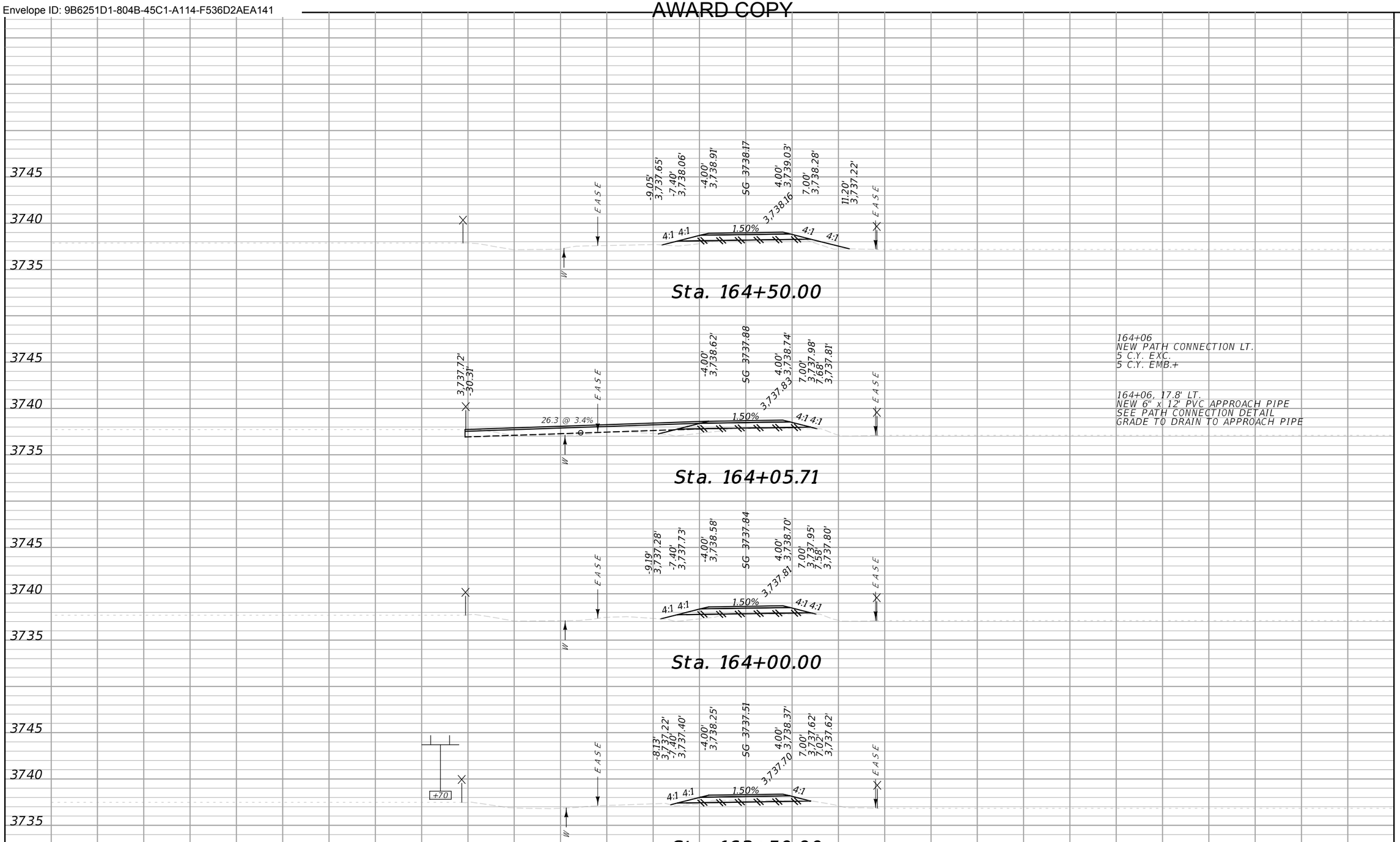
CUT	FILL
7	2
4	0
9	0
4	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dwg	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:26:07 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	54

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
0	6
0	1
2	4
2	2

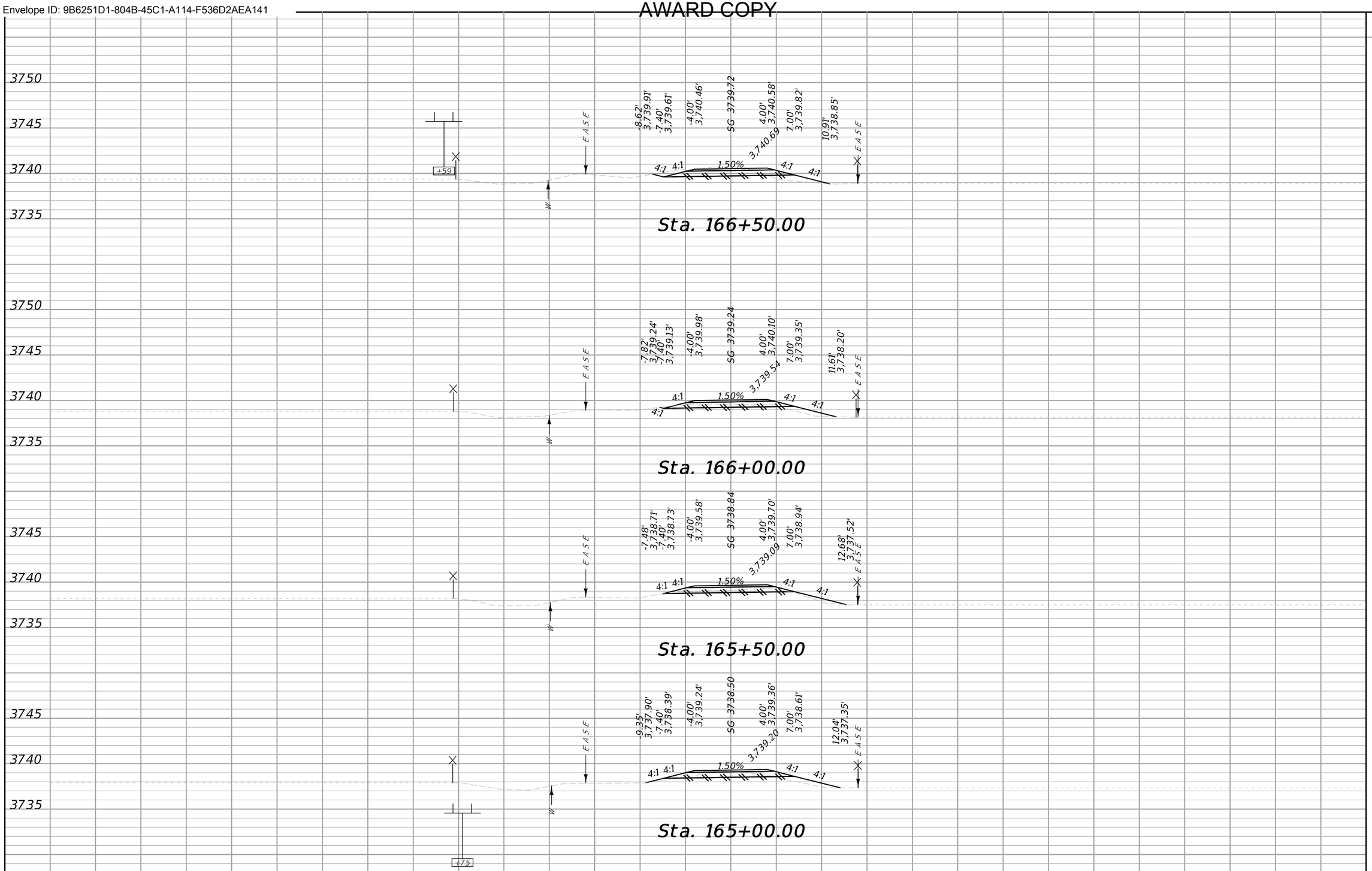
164+06
NEW PATH CONNECTION LT.
5 C.Y. EXC.
5 C.Y. EMB.+

164+06, 17.8' LT.
NEW 6" x 12' PVC APPROACH PIPE
SEE PATH CONNECTION DETAIL
GRADE TO DRAIN TO APPROACH PIPE

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:26:12 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	55

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

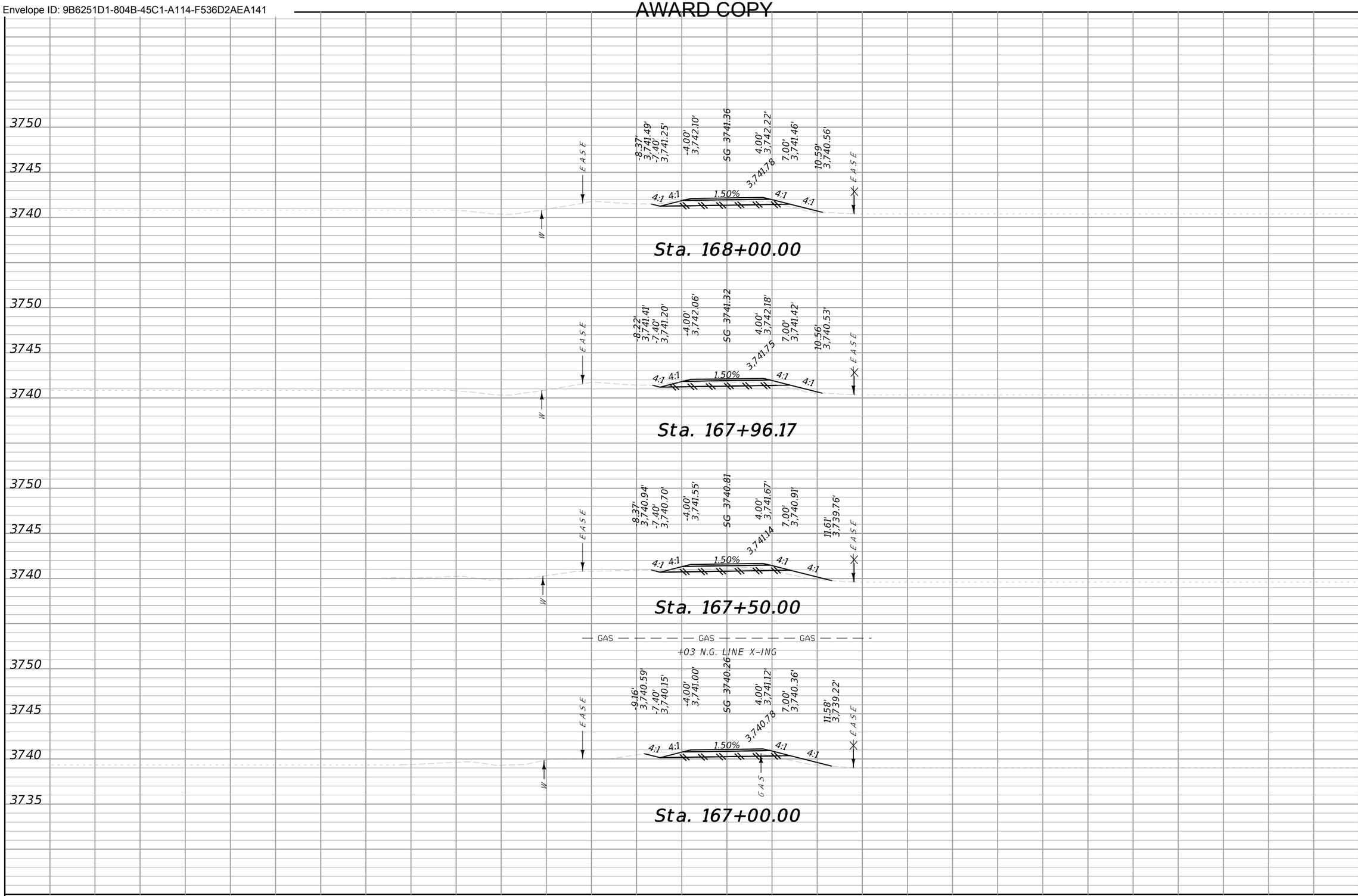


CUT	FILL
12	4
7	3
7	4
4	6

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAYOUT.dwg	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:26:19 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	56

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



CUT	FILL
1	0
8	3
9	4
15	4

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAYOUT.dgn
7/23/2024
1:26:26 PM kedam

DESIGNED BY
REVIEWED BY
CHECKED BY

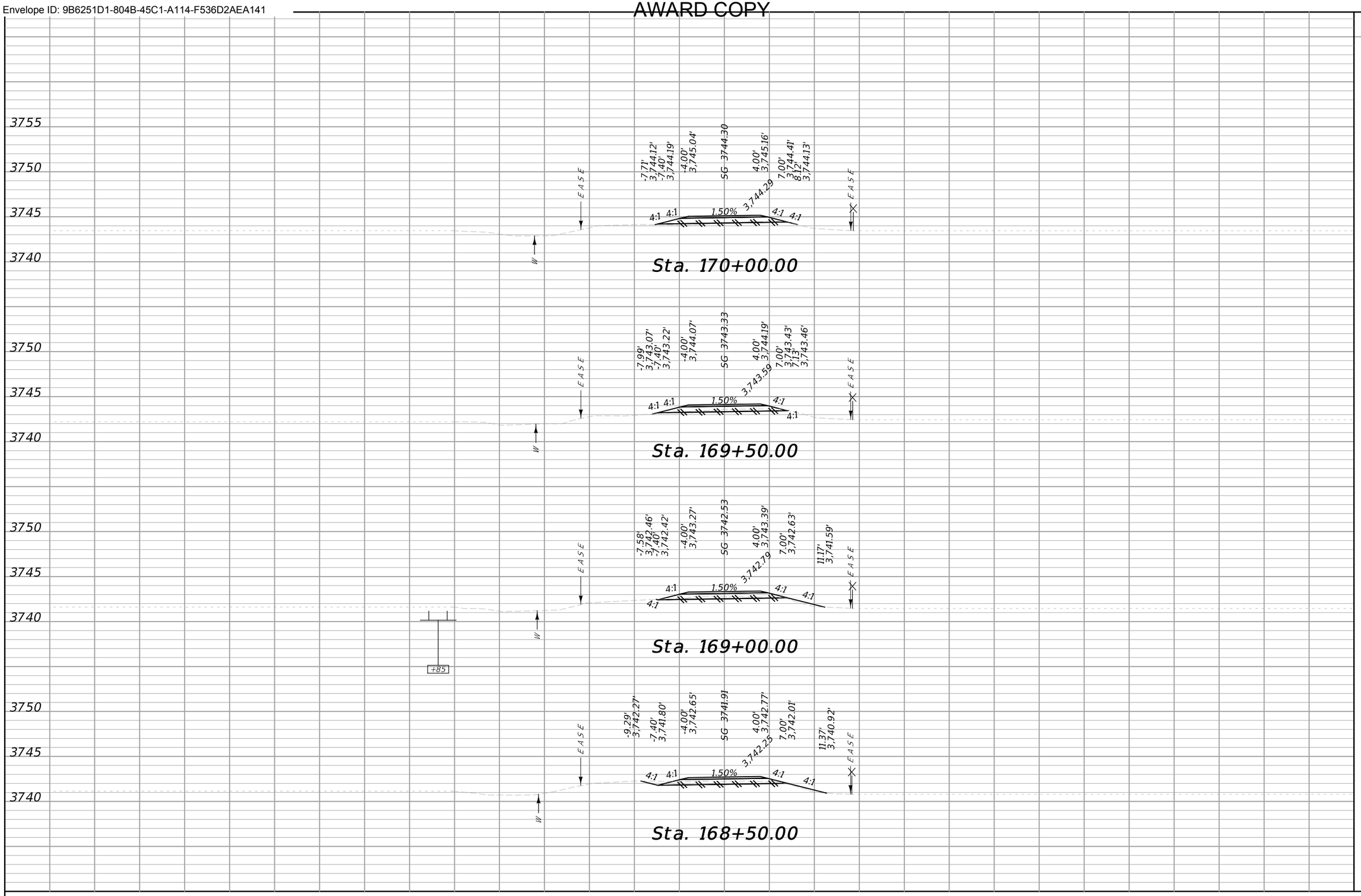
CROSS SECTIONS
GLACIER COUNTY

NYHAGEN RD PATH – CUT BANK
UPN 9441000

TA 18(68)
57

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

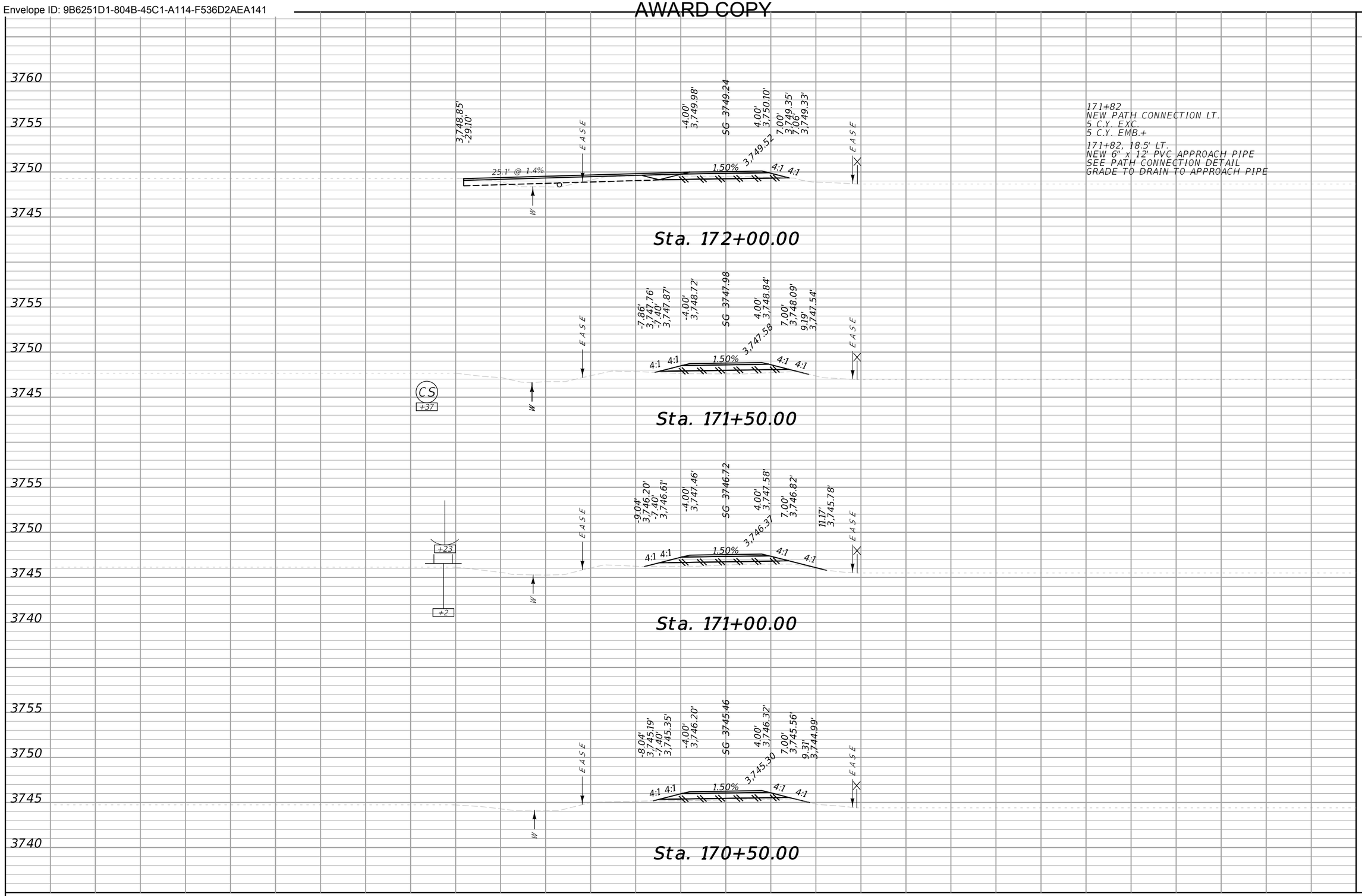


CUT	FILL
3	1
5	1
7	1
10	1

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:26:33 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	58

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



171+82
NEW PATH CONNECTION LT.
5 C.Y. EXC.
5 C.Y. EMB.+

171+82, 18.5' LT.
NEW 6" x 12' PVC APPROACH PIPE
SEE PATH CONNECTION DETAIL
GRADE TO DRAIN TO APPROACH PIPE

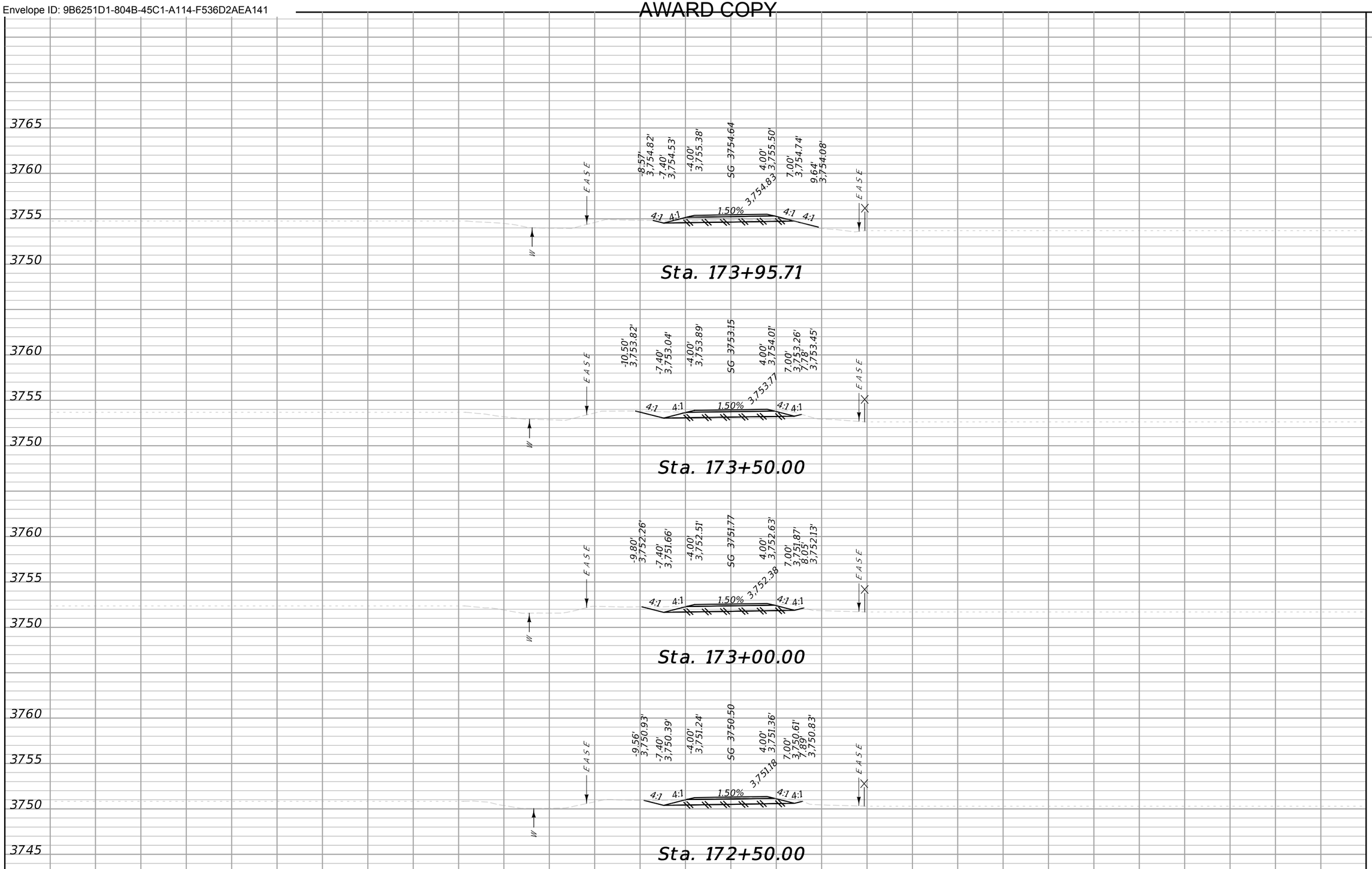
CUT	FILL
4	5
0	10
0	8
1	3

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA01.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	59
	1:26:39 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



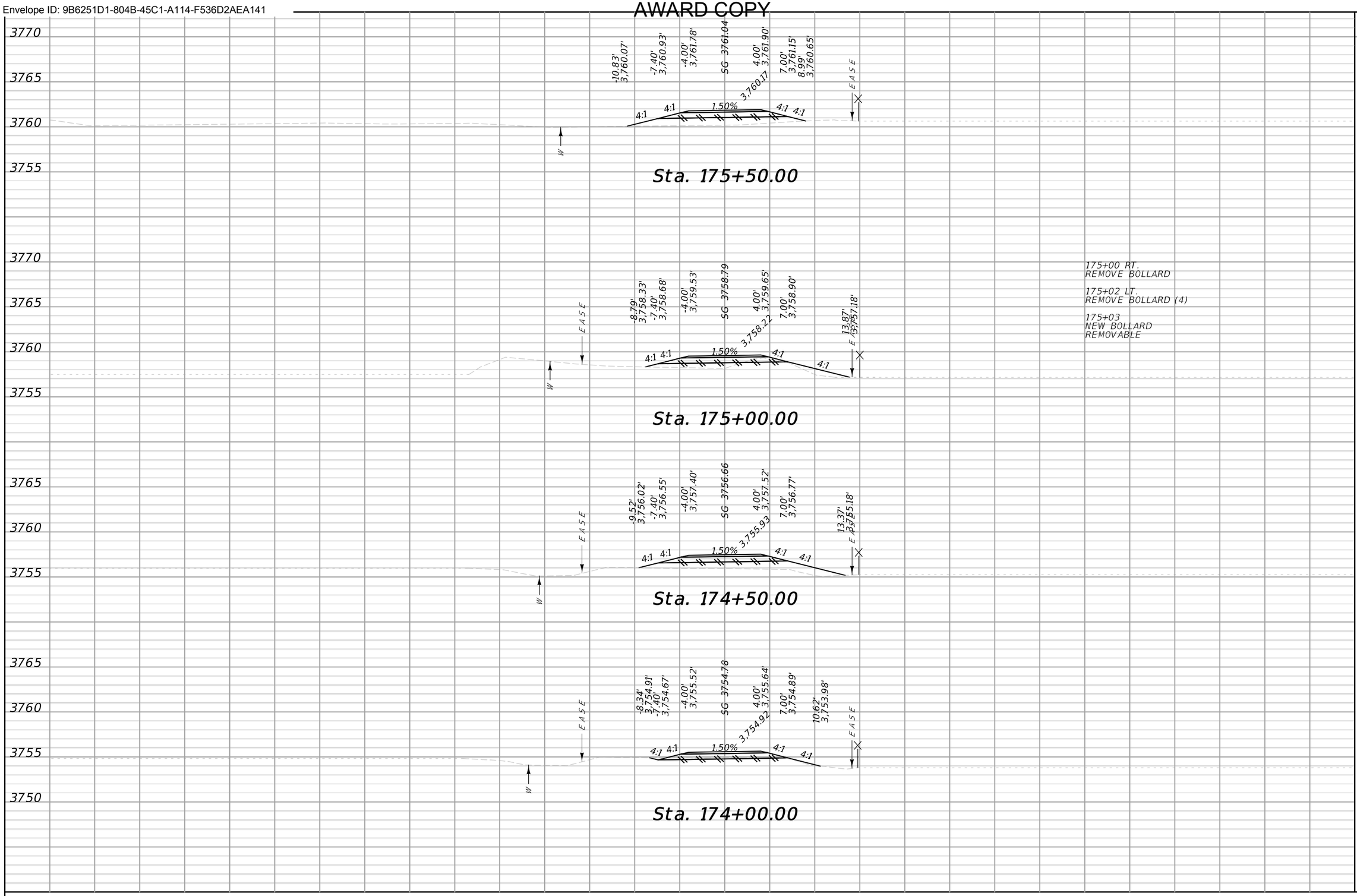
CUT	FILL
11	0
19	0
18	0
13	0

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAD55.dgn	DESIGNED BY		CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY				
	1:26:45 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	60

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



175+00 RT.
REMOVE BOLLARD

175+02 LT.
REMOVE BOLLARD (4)

175+03
NEW BOLLARD
REMOVABLE

	CUT	FILL
Sta. 175+50.00	1	19
Sta. 175+00.00	1	21
Sta. 174+50.00	2	15
Sta. 174+00.00	0	0

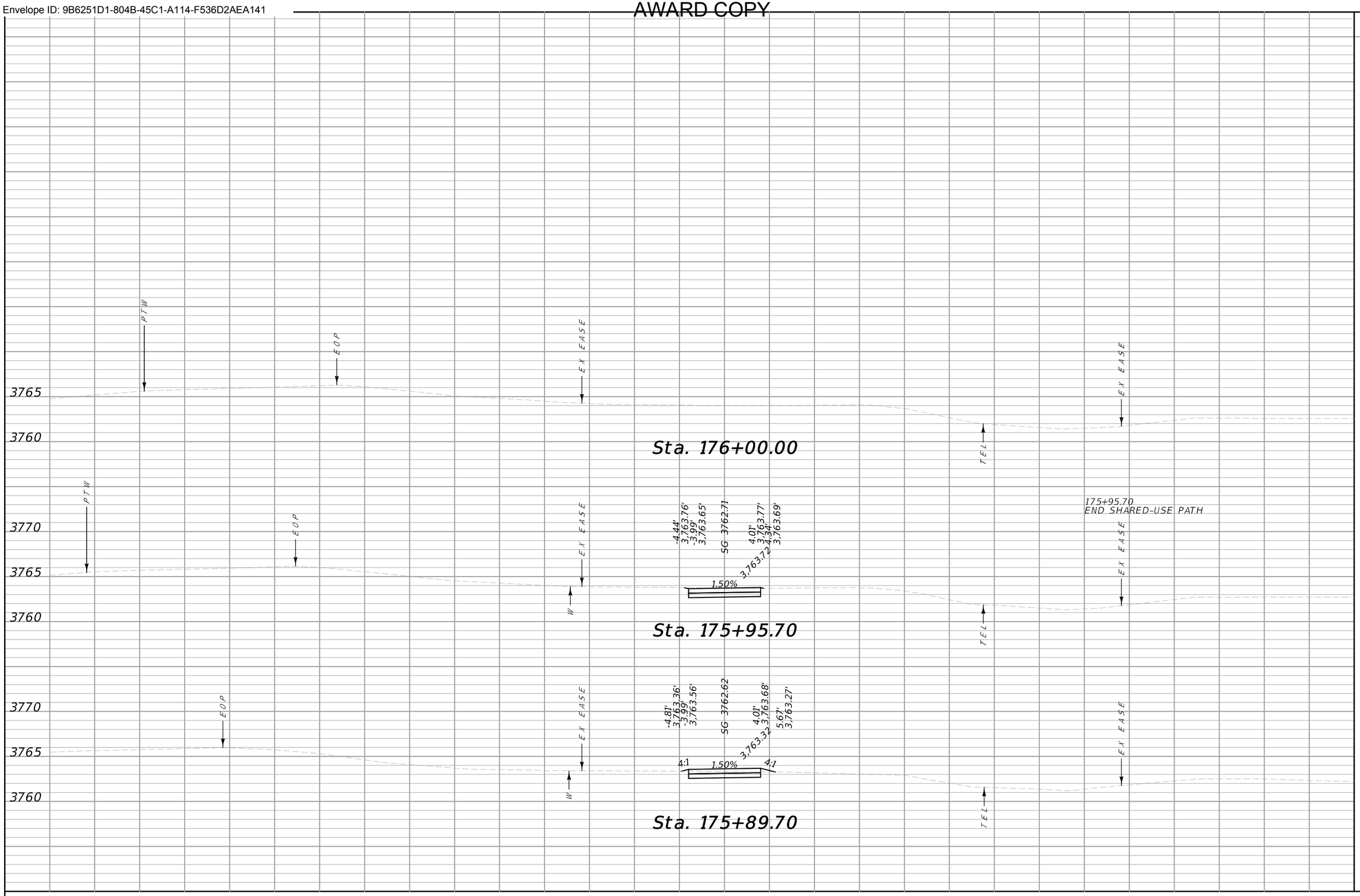
70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLA.dgn	DESIGNED BY	CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY	GLACIER COUNTY	UPN 9441000	61
	1:26:48 PM kedam	CHECKED BY			

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

CUT	FILL
2	0
4	10

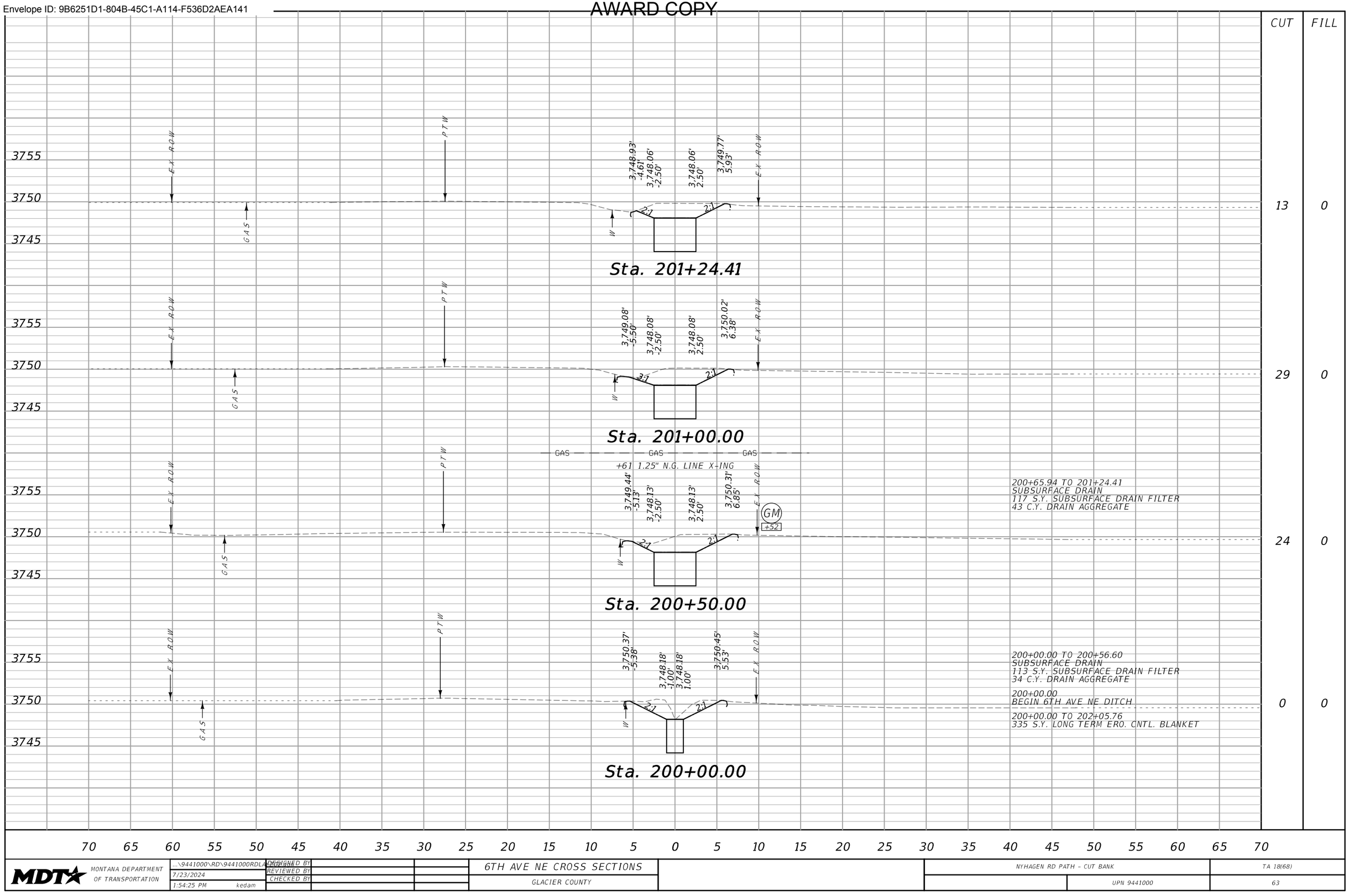


MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAY01.dgn	DESIGNED BY			CROSS SECTIONS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
	7/23/2024	REVIEWED BY					
	1:26:51 PM kedam	CHECKED BY			GLACIER COUNTY	UPN 9441000	62

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

	CUT	FILL
Sta. 201+24.41	13	0
Sta. 201+00.00	29	0
Sta. 200+50.00	24	0
Sta. 200+00.00	0	0



200+65.94 TO 201+24.41
SUBSURFACE DRAIN
117 S.Y. SUBSURFACE DRAIN FILTER
43 C.Y. DRAIN AGGREGATE

200+00.00 TO 200+56.60
SUBSURFACE DRAIN
113 S.Y. SUBSURFACE DRAIN FILTER
34 C.Y. DRAIN AGGREGATE

200+00.00
BEGIN 6TH AVE NE DITCH

200+00.00 TO 202+05.76
335 S.Y. LONG TERM ERO. CNTL. BLANKET

SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAY.dgn
7/23/2024
1:54:25 PM kedam

DESIGNED BY
REVIEWED BY
CHECKED BY

6TH AVE NE CROSS SECTIONS
GLACIER COUNTY

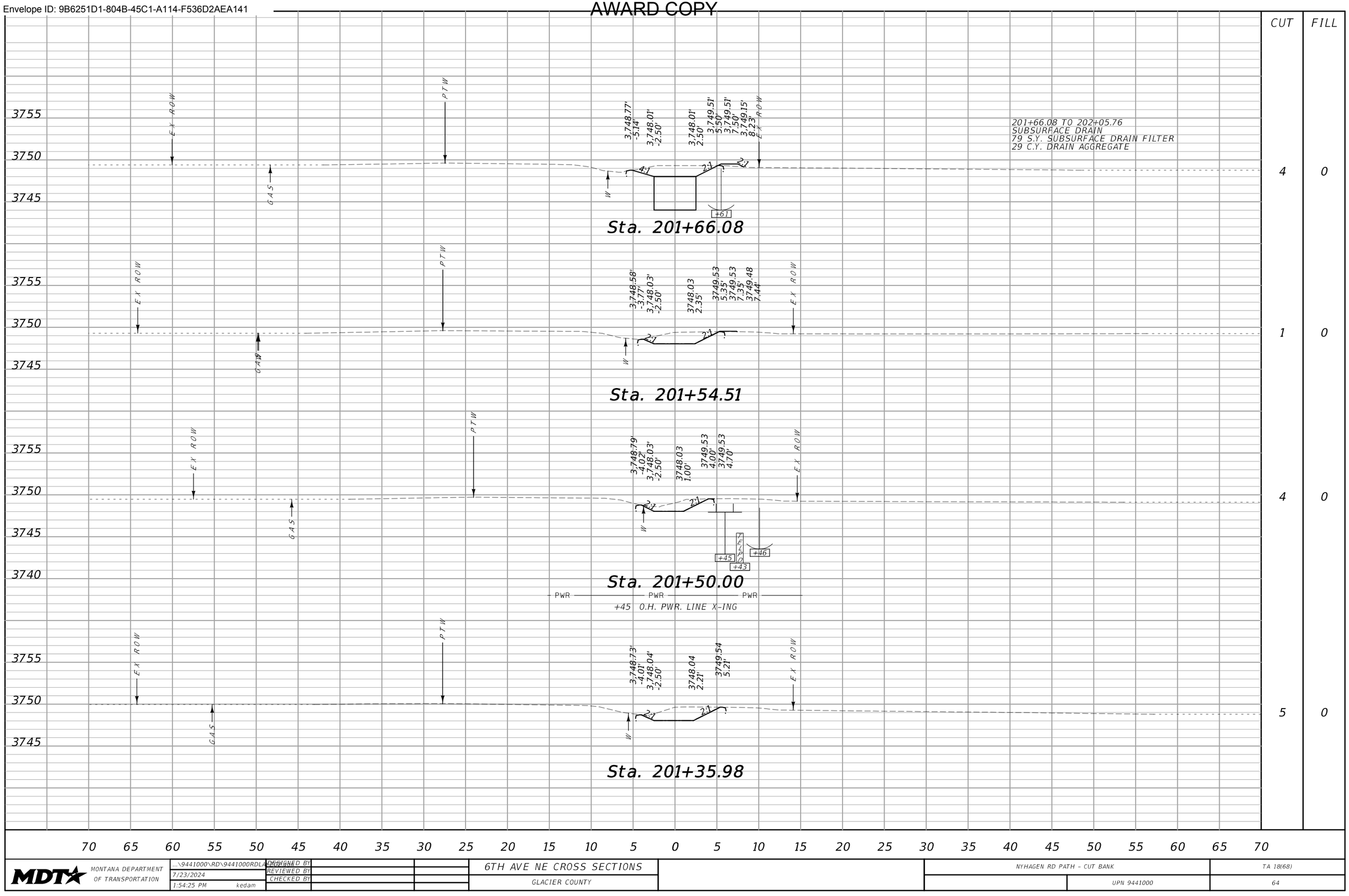
NYHAGEN RD PATH - CUT BANK
UPN 9441000

TA 18(68)
63

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

	CUT	FILL
201+66.08 TO 202+05.76 SUBSURFACE DRAIN 79 S.Y. SUBSURFACE DRAIN FILTER 29 C.Y. DRAIN AGGREGATE	4	0
	1	0
	4	0
	5	0



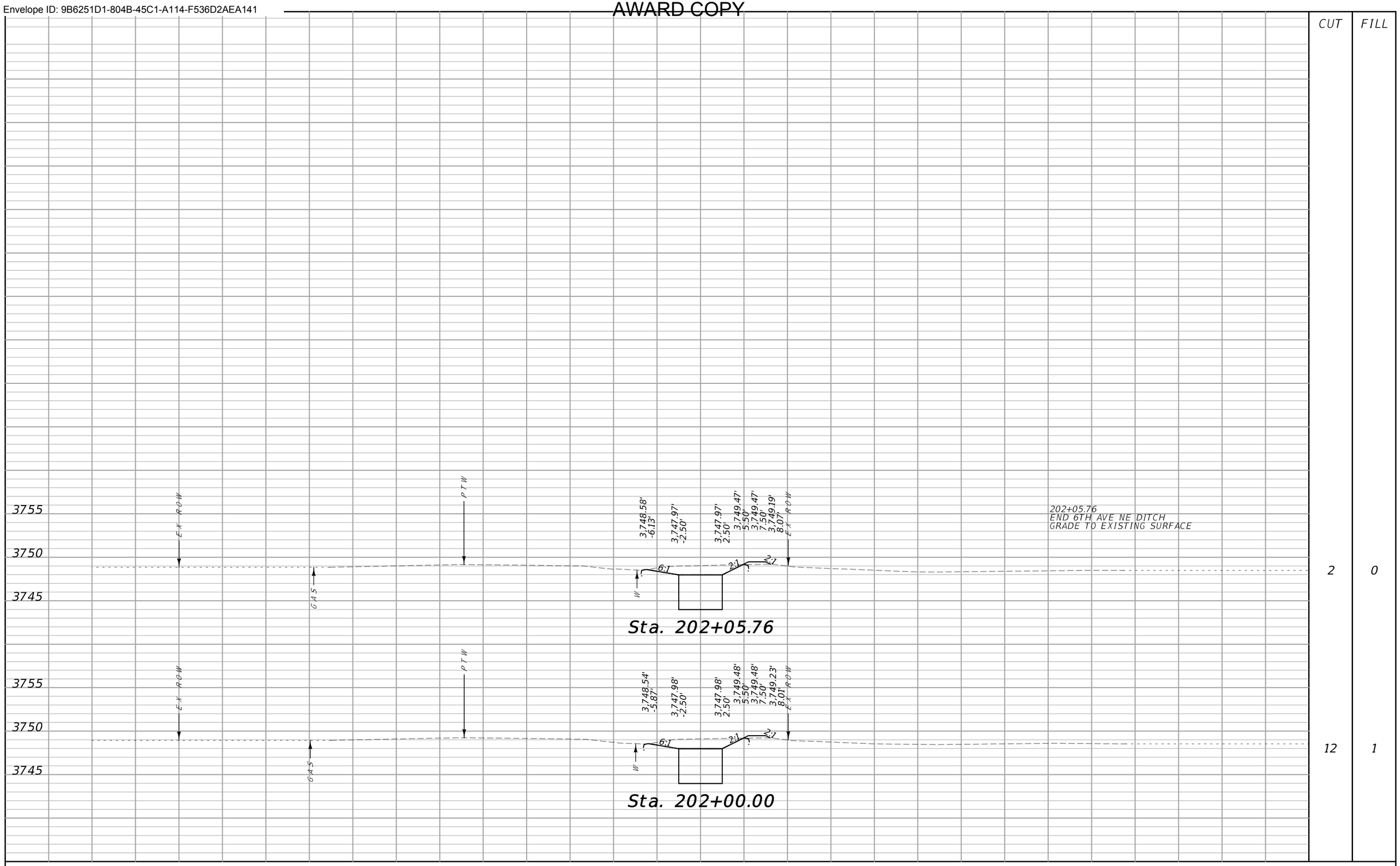
SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION	...\9441000\RD\9441000RDLAD01.dgn 7/23/2024 1:54:25 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY	6TH AVE NE CROSS SECTIONS GLACIER COUNTY	NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 64

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

CUT	FILL
2	0
12	1



SANDERSON STEWART

MDT MONTANA DEPARTMENT OF TRANSPORTATION

...\9441000\RD\9441000RDLAYOUT.dgn
7/23/2024
1:54:26 PM kedam

DESIGNED BY
REVIEWED BY
CHECKED BY

6TH AVE NE CROSS SECTIONS
GLACIER COUNTY

NYHAGEN RD PATH - CUT BANK
UPN 9441000

TA 18(68)
65

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

TOTAL SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	TOTALS	UNIT
SIGNS-ALUM REFL SHEET XI	90.0	SQFT
SIGNS-ALUM SHEET INCR XI	21.0	SQFT
RESET SIGN	1	EACH
REMOVE SIGN	3	EACH
POLES-TREATED WOOD 4 IN	170	LNFT
POLES-TREATED WOOD 5 IN	56	LNFT

SANDERSON STEWART

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

SIGN LOCATION AND SPECIFICATION

Lt. / STATION / M.P. / Rt.	RAMP NO.	SIGN NO.	PANEL SIZE	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	CANTILEVER	FEET: SUPPORT LENGTH (ESTIMATED)	FEET: SUPPORT LENGTH (INSTALLED)	FEET: MOUNTING HEIGHT	FEET: FOUNDATION DEPTH	SIGN PANEL (SQ. FT.): SHEET ALUMINUM XI	SIGN PANEL (SQ. FT.): ALUM. SHEET INCREMENT XI	SIGN PANEL (SQ. FT.): ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	TIMBER POLE (LINEAR FT.): 5" TOP DIA.	TIMBER POLE (LINEAR FT.): 6" TOP DIA.	STEEL POST (LBS.): ROUND TUBULAR	STEEL POST (LBS.): SQUARE TUBULAR	STEEL POST (LBS.): STRUCTURAL STEEL	STEEL POST (LBS.): "U" POST	BREAKAWAY	SIGNS: REMOVE	SIGNS: RESET	GUIDE: REMOVE	GUIDE: RESET	COST SHARE PARTICIPATION		Solar Panels	Radar Sensors	48" Support Strip	60" Support Strip	REMARKS
100+27.06 Rt.		CITY -1	USE AS IS																														CUT BANK TRAILS
100+62.60 Rt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
102+89.17 Lt.		R2-1	USE AS IS																														40 MPH
111+18.78 Lt.		OM4-2	REMOVE																				1										
111+19.72 Lt.		OM4-2	REMOVE																				1										
111+19.95 Rt.		OM4-2	REMOVE																				1										
111+23.60 Lt.		W1- 7	6-0 X 3-6	6-0	3-8	5 IN DIA POLE		13-11		5-0	3-6		21.0			14 14						X										
111+51.10 Lt.		N5-1 N5-1	USE AS IS USE AS IS																														MDT MDT
112+30.24 Lt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
112+40.27 Lt.		S1-1 W16-7PL	3-0 X 3-0 2-6 X 1-6	6-0		5 IN DIA POLE		13-4		5-7	3-6	6.8 3.8				14						X						FYG FYG						
112+40.27 Lt.		S1-1 S1-1S	3-0X3-0 3-0X1-0	6-0		4 IN DIA POLE		12-1		5-1	3-0	6.8 3.0			14													FYG FYG						200 FT
112+89.96 Rt.		S1-1 W16-7PL	3-0 X 3-0 2-6 X 1-6	6-0		5 IN DIA POLE		13-4		5-7	3-6	6.8 3.8				14						X						FYG FYG						
112+89.96 Rt.		S1-1 S1-1S	3-0X3-0 3-0X1-0	6-0		4 IN DIA POLE		11-1		5-1	3-0	6.8 3.0			12													FYG FYG						200 FT
112+95.32 Rt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
112+99.84 Lt.		CITY-2 CITY-2	USE AS IS USE AS IS																														DOG PARK DOG PARK
121+38.70 Lt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
122+56.22 Rt.		D3-1 D3-1	RESET RESET																					1									NYHAGEN RD SIXTH AVE NE
122+78.43 Lt.		R1-1	USE AS IS																														
123+20.63 Rt.		R1-1	USE AS IS																														
123+24.65 Rt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
123+55.59 Rt.		W5-4A	2-5X2-5	2-0		4 IN DIA POLE		7-6		5-0	3-0	6.3			12																		
134+26.01 Lt.		W5-4A	2-5X2-5	2-0		4 IN DIA POLE		7-6		5-0	3-0	6.3			12																		
148+80.53 Lt.		W1-1R	1-6 X 1-6	4-0		4 in DIA POLE		10-2		5-0	3-0	2.3			12														FY					
148+81.87 Lt.		R5-3	2-0X2-0	4-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
149+74.77 Lt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
150+24.24 Lt.		W1-1L	1-6 X 1-6	2-0		4 in DIA POLE		10-8		5-0	3-0	2.3			12														FY					
175+88.74 Rt.		R5-3	2-0X2-0	2-0		4 IN DIA POLE		11-0		5-0	3-0	4.0			12																		
											TOTALS	90.0	21.0		170	56							3	1								

MOUNTING HEIGHT REQUIREMENTS:
MOUNTING HEIGHTS SHOWN REFER TO THE BOTTOM OF THE MAJOR PANEL. SEE DETAILED DRAWINGS 619-00 & 619-08.

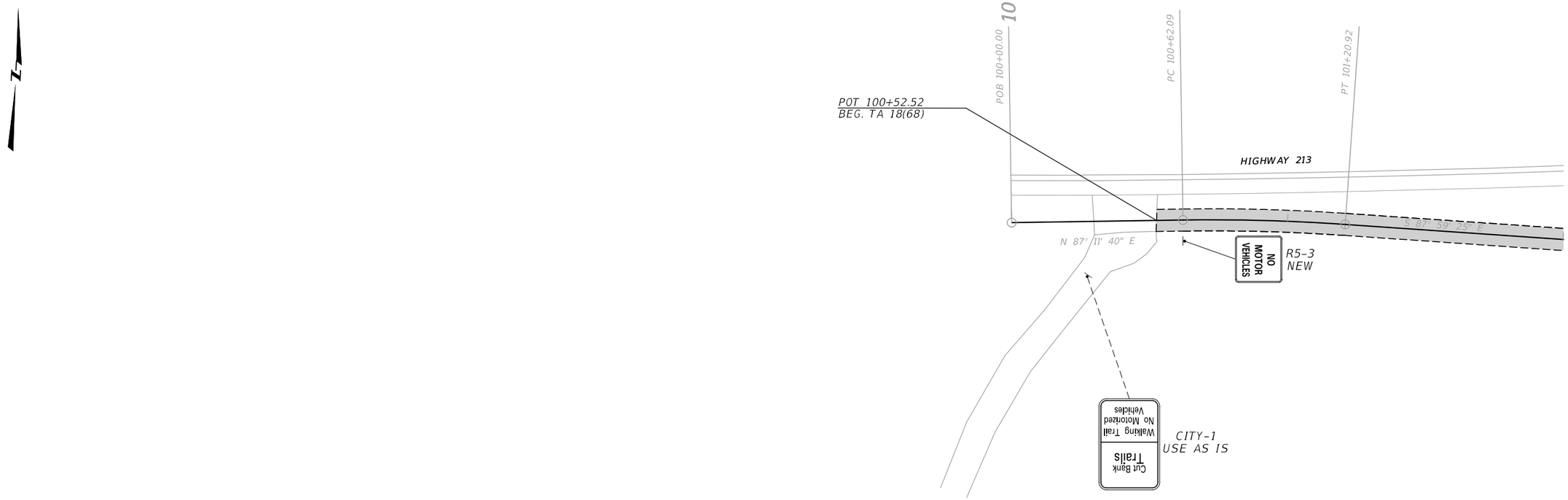
FYG = TYPE XI FLORESCENT YELLOW GREEN SHEETING

FY = TYPE XI FLORESCENT YELLOW SHEETING

X STANDARD BREAKAWAY DEVICE: -FOR WOOD POST SEE DETAILED DRAWING 619-20.

SANDERSON STEWART

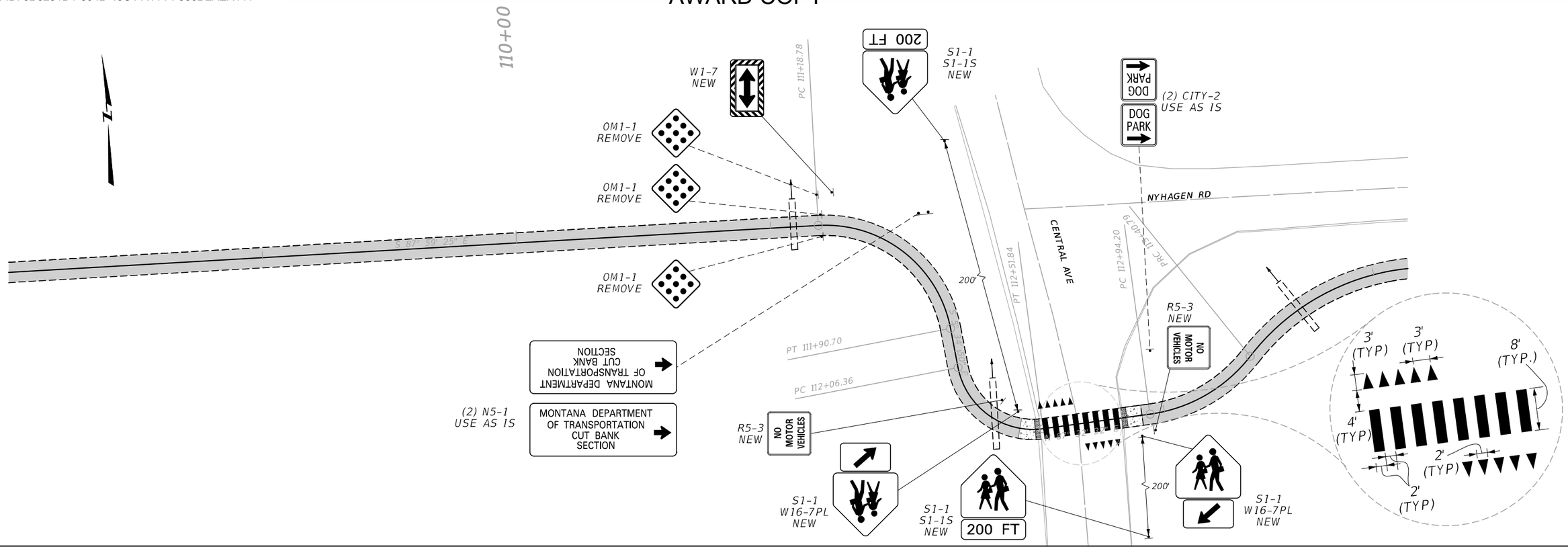
Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

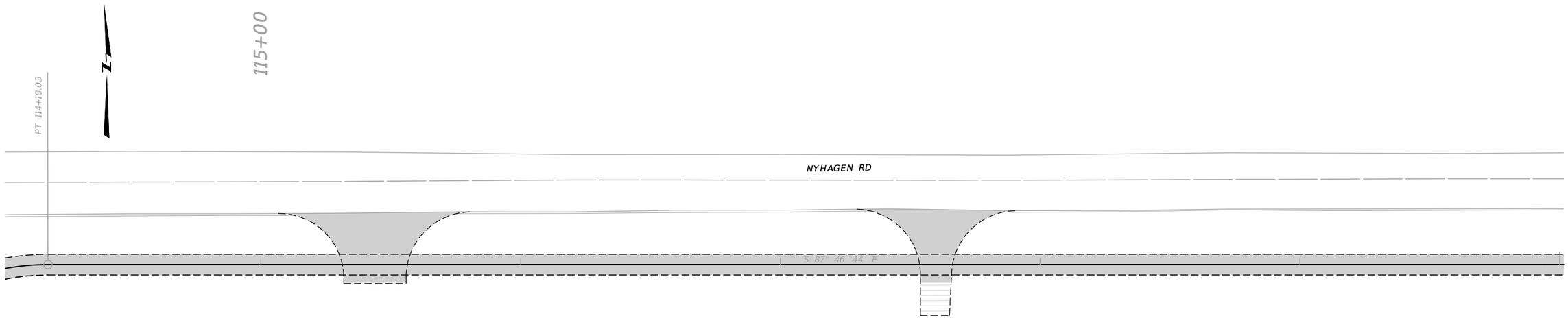


SANDERSON STEWART

3 2	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn 8/28/2024 5:05:31 PM kedam	DESIGNED BY DRAWN BY REVIEWED BY CHECKED BY			SIGNING PLANS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) 53

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



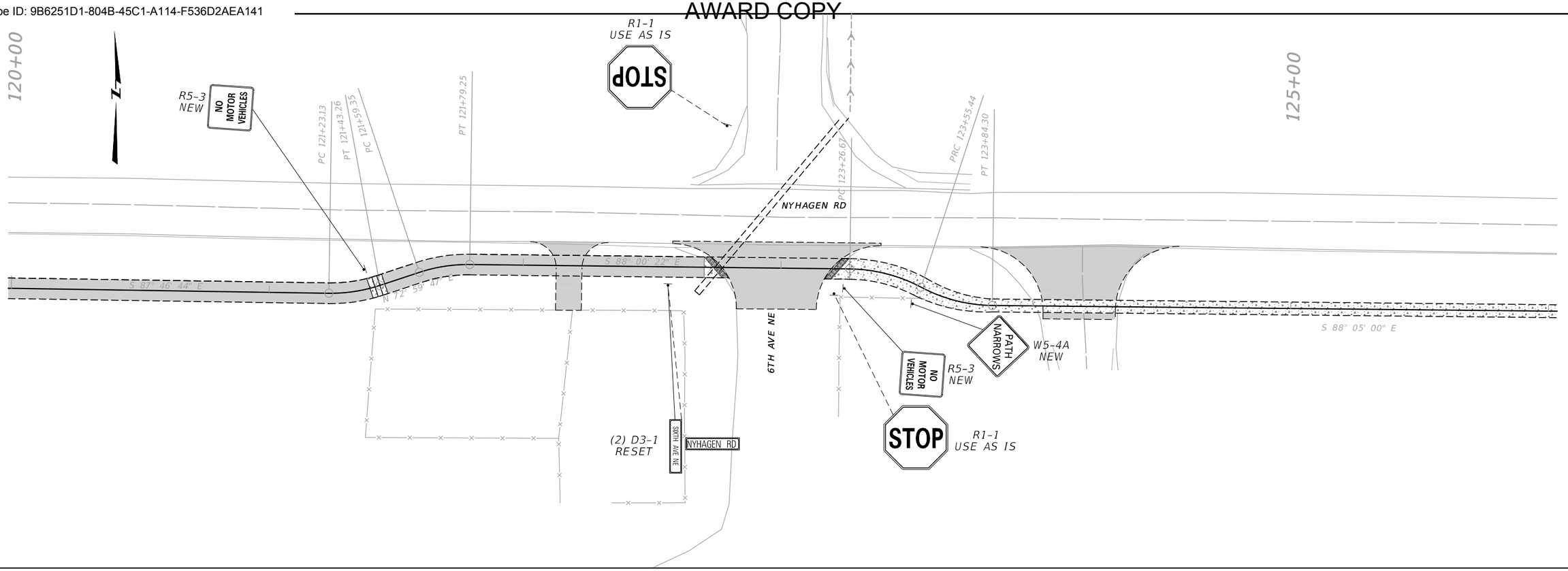


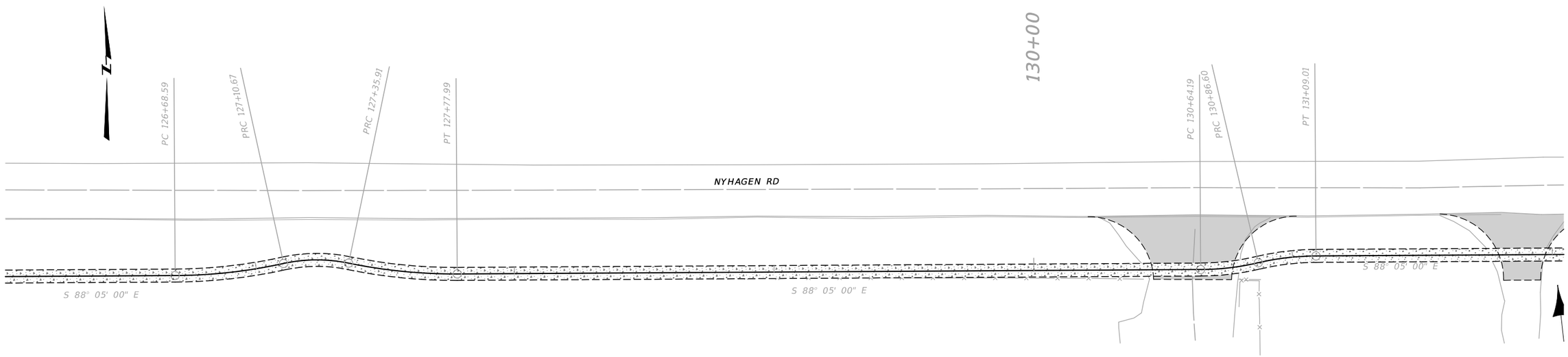
SANDERSON STEWART

3 1	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn 8/28/2024 5:05:31 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		SIGNING PLANS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) S4

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



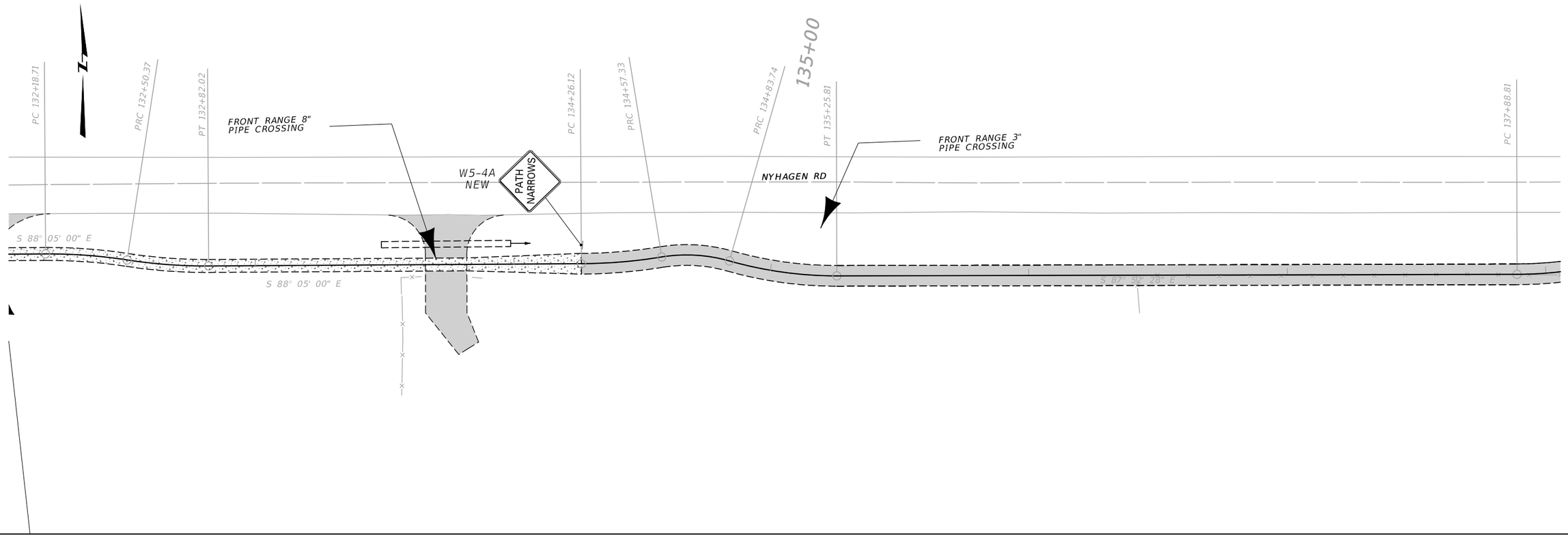


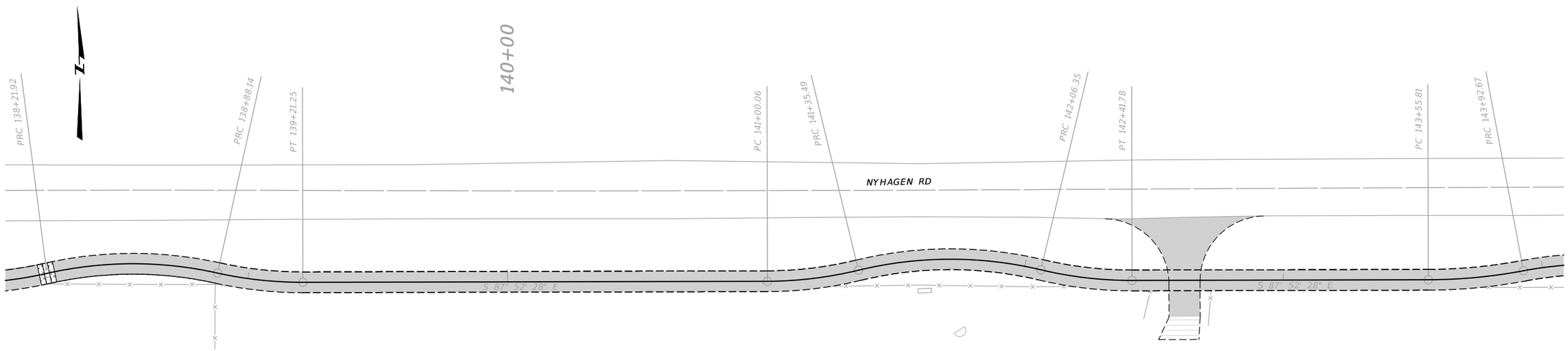
SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn	DESIGNED BY		SIGNING PLANS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
1		8/28/2024	REVIEWED BY				
		5:05:31 PM kedam	CHECKED BY		GLACIER COUNTY	UPN 9441000	S5

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY



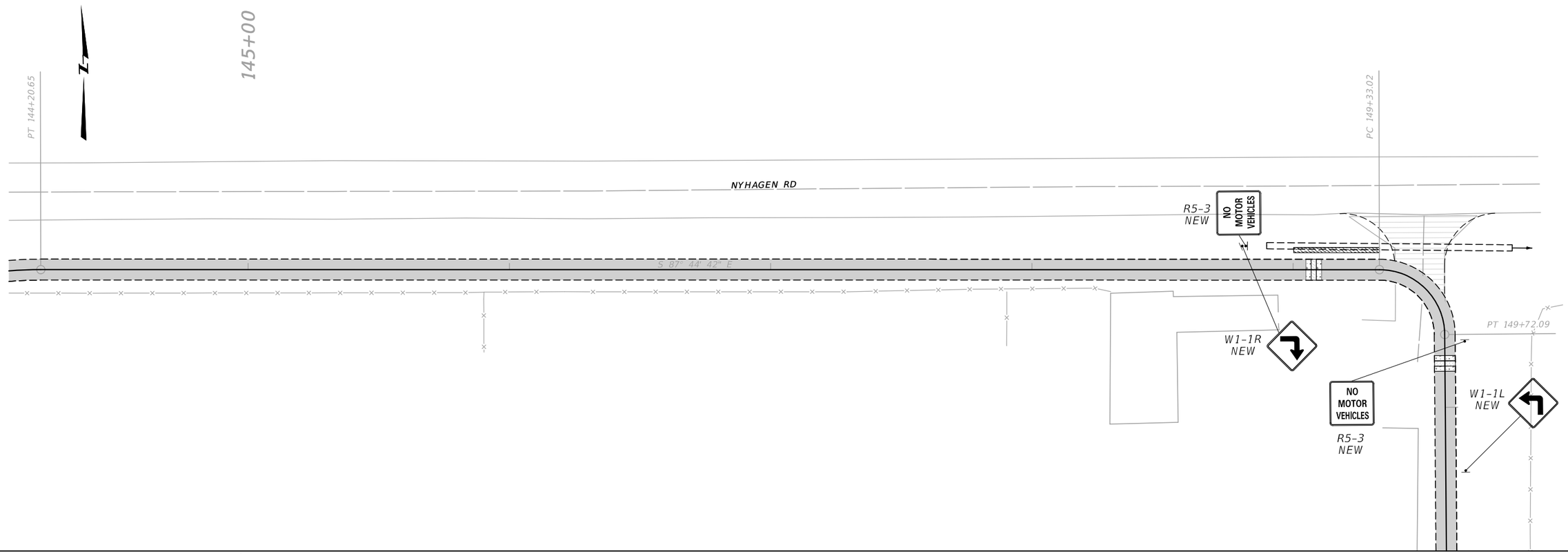


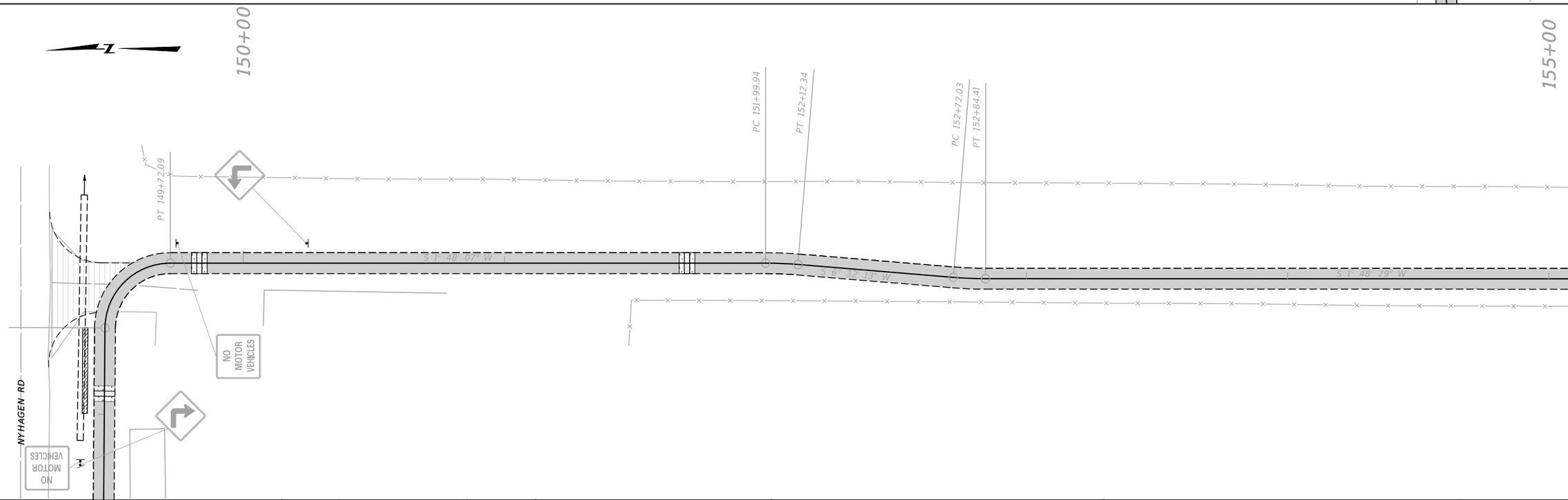
SANDERSON STEWART

3 2	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn 8/28/2024 5:05:32 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		SIGNING PLANS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) S6

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

AWARD COPY

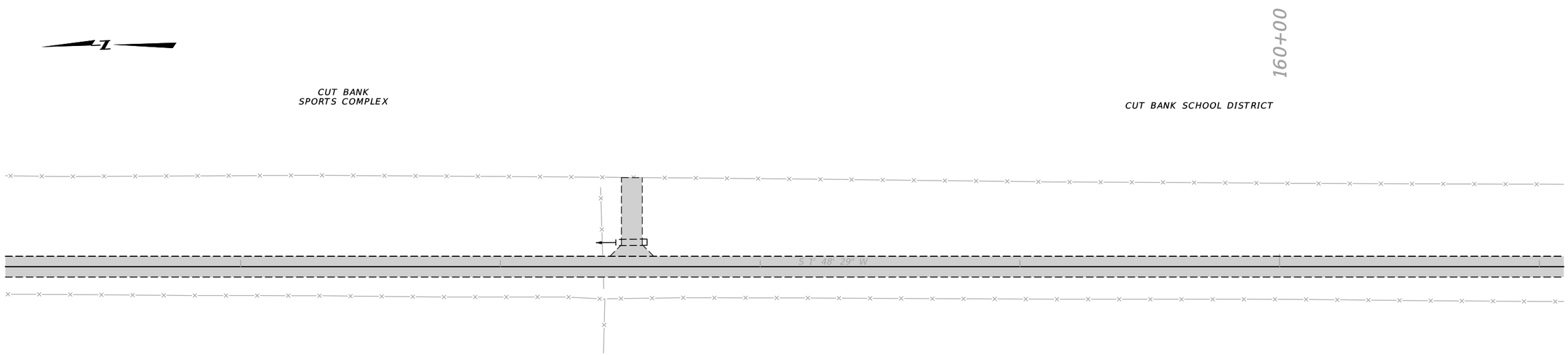


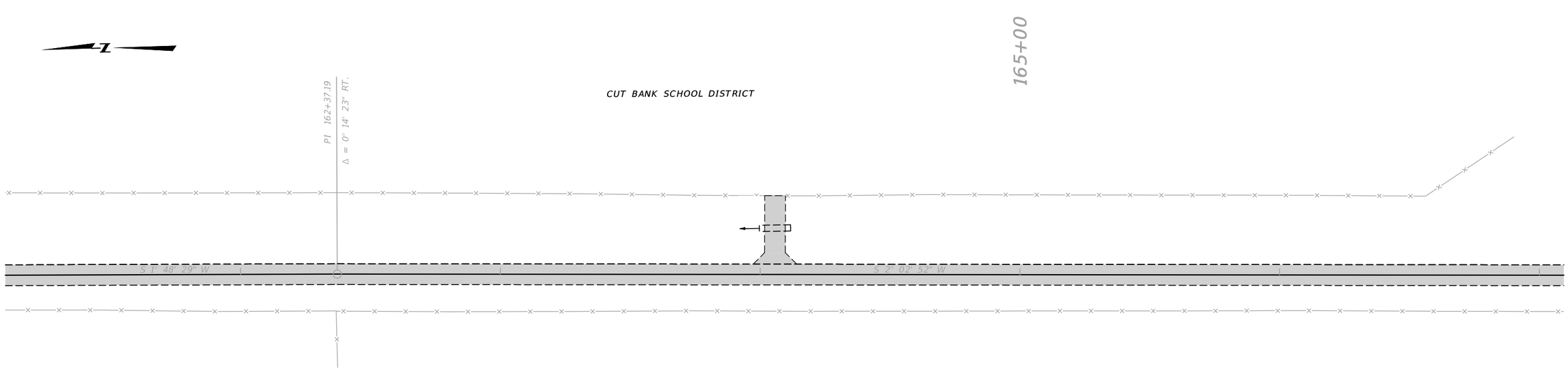


SANDERSON STEWART

3 1	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn 8/28/2024 5:05:33 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY		SIGNING PLANS GLACIER COUNTY		NYHAGEN RD PATH – CUT BANK UPN 9441000	TA 18(68) S7

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141

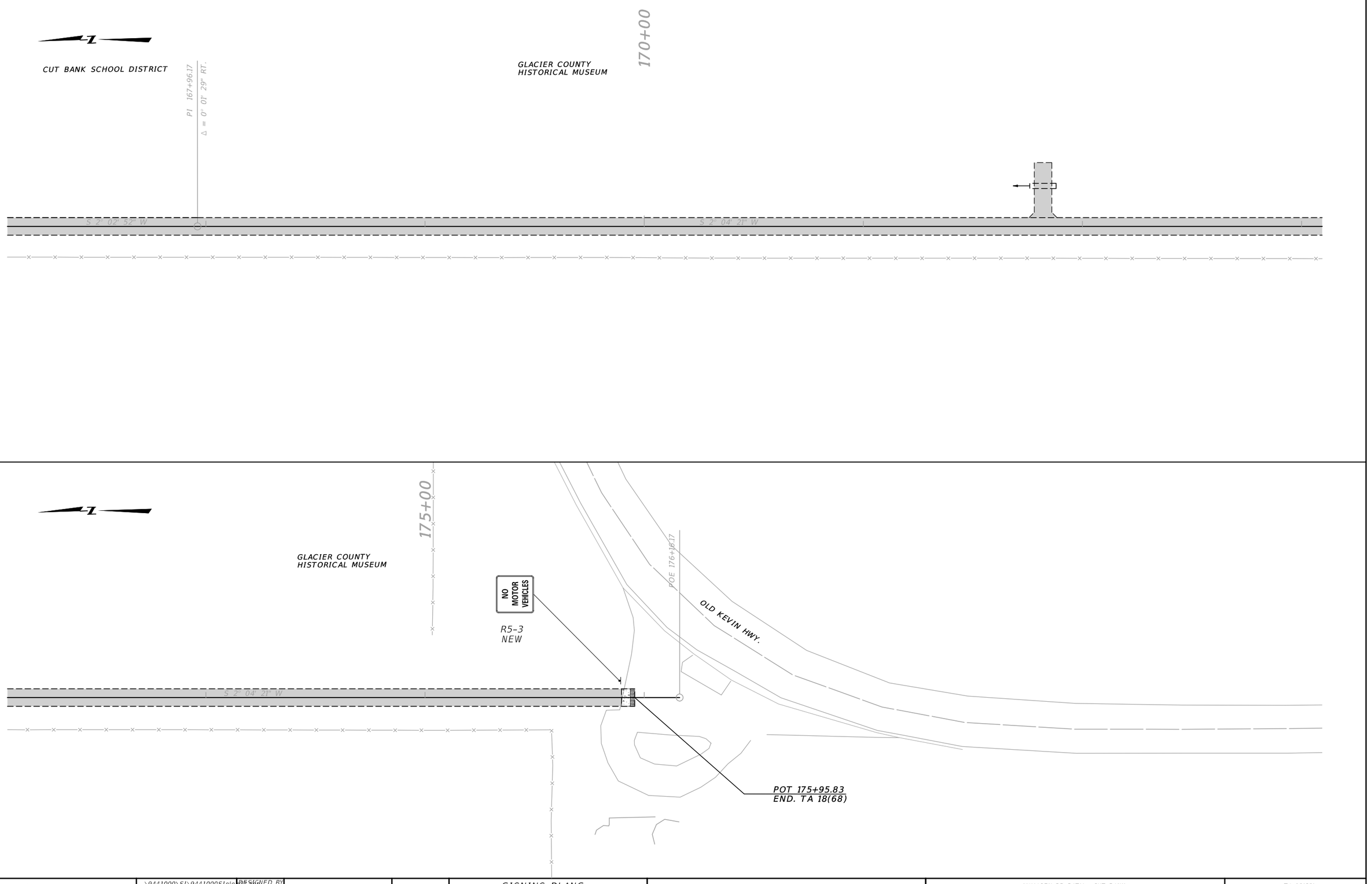




SANDERSON STEWART

2	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn	DESIGNED BY			SIGNING PLANS	NYHAGEN RD PATH – CUT BANK	TA 18(68)
1		8/28/2024	REVIEWED BY			GLACIER COUNTY	UPN 9441000	SB
		5:05:33 PM kedam	CHECKED BY					

Docusign Envelope ID: 9B6251D1-804B-45C1-A114-F536D2AEA141



SANDERSON STEWART

3 2	MONTANA Department of Transportation	...\9441000\SI\9441000SIplnSht.dgn 8/28/2024 5:05:33 PM kedam	DESIGNED BY REVIEWED BY CHECKED BY			SIGNING PLANS GLACIER COUNTY	NYHAGEN RD PATH - CUT BANK UPN 9441000	TA 18(68) 59