



Wisconsin Department of Transportation

January 6, 2016

Division of Transportation Systems Development

Bureau of Project Development
 4802 Sheboygan Avenue, Rm 601
 P O Box 7916
 Madison, WI 53707-7916

Telephone: (608) 266-1631
 Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #21: 4540-23-71
City of Sheboygan Falls
STH 32 & Happy Lane Intersection
STH 32
Sheboygan County

Letting of January 12, 2016

This is Addendum No. 01, which provides for the following:

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Excavation Common	CY	14,372	866	15,238
305.0120	Base Aggregate Dense 1 ¼-Inch	Ton	10,555	320	10,875
311.0110	Breaker Run	Ton	9,380	680	10,060

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
2	General Notes – Note #2 revised.
10	Typical Sections – Added note to the Fairview Drive typical section.
65	Miscellaneous Quantities – Item 205.0100 Excavation Common revised.
66	Miscellaneous Quantities – Item 305.0120 Base aggregate Dense 1 ¼-Inch and Item 311.0110 Breaker Run revised.
183	Earthwork Data—Revised cut areas and volumes.
184	Earthwork Data—Revised cut areas and volumes.
189	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
190	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
191	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.

192	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
193	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
194	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
196	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
198	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
202	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.
203	Cross Sections – Revised subgrade lines to include excavation across entire median to be consistent with typical finished sections.

Schedule of Items

Attached, dated January 6, 2016, are the revised Schedule of Items Page 2.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 2, 10, 65, 66, 183, 184, 189, 190, 191, 192, 193, 194, 196, 198, 202, and 203.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

ORDER OF SECTION 2 SHEETS

- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PAVEMENT DETAILS
- STORM SEWER AND EROSION CONTROL PLAN
- EXISTING SIGNING PLAN
- PERMANENT SIGNING
- PAVEMENT MARKING PLAN
- LIGHTING
- TRAFFIC CONTROL PLAN
- DETOUR
- ALIGNMENT PLAN

Addendum No. 01
ID 4540-23-71
Revised Sheet 2
January 6, 2016

GENERAL NOTES

- 1 THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS IN THE AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK.
- 2 THE SOILS REPORT IS AVAILABLE FROM THE WISDOT NE REGION BY CONTACTING PAUL BRAUER, PROJECT MANAGER, PHONE (820) 386-1097.
- 3 THE EXACT LOCATION OF PRIVATE ENTRANCES AND DRIVEWAYS IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 4 ALL OPENINGS OF HOLES BELOW SUBGRADE RESULTING FROM REMOVALS OR ABANDONMENTS SHALL BE BACKFILLED WITH GRANULAR BACKFILL.
- 5 THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.
- 6 PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL FIELD VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS AND PROVIDE DOCUMENTATION TO THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS.

DESIGNER

R. SMITH NATIONAL, INC.
1000 WISCONSIN DRIVES STREET, SUITE 412
APPLETON, WISCONSIN 54911
MR. BRAD SEEVERSON, P. E.
PROJECT ENGINEER
(920) 731-8397, EXT. 3410
brad.seeverson@rasmithnational.com

DNR LIAISON

WISCONSIN DEPT OF NATURAL RESOURCES
1000 WISCONSIN REGIONAL HEADQUARTERS
2084 SHAWANO AVE.
GREEN BAY, WI 54313
JAY SCHIEFFELBEIN
(920) 662-5130
jeremias.schieffelbein@wisconsin.gov

UTILITY CONTACTS

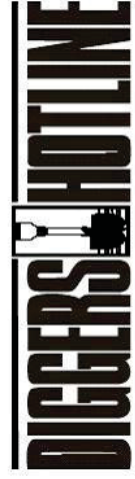
JOEL TAUSCHKE
SHEBOYGAN FALLS UTILITIES - ELECTRIC
375 BUFFALO STREET
PO BOX 186
SHEBOYGAN FALLS, WI 53085
(920) 467-7900
joel@shefallis.com

TOM HARYCKI
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2312 CONTINENTAL DRIVE
WEST BEND, WI 53095
(262) 306-8756 EXT. 20702
tharyck@charter.com

JERRY BENZSCHAWEL
SHEBOYGAN FALLS UTILITIES - SEWER/WATER
111 HAWMANN DRIVE
SHEBOYGAN FALLS, WI 53085
(920) 467-7901 EXT. 301
920-980-7817 (MOBILE)

CHARLES BARTLETT
AT&T WISCONSIN - COMMUNICATION LINE
70 E DIVISION STREET
FOND DU LAC, WI 54935
(920) 929-1013
cb1461@att.com

MIKE LOWTHER
WISCONSIN PUBLIC SERVICE CORPORATION - GAS/PETROLEUM
933 SWILDWOOD AVE
SHEBOYGAN, WI 53081
(920) 451-3743
milowther@wisconsinpublicservice.com



Dial 811 or (800) 242-8511
www.DiggersHotline.com

PROJECT NO: 4540-23-71

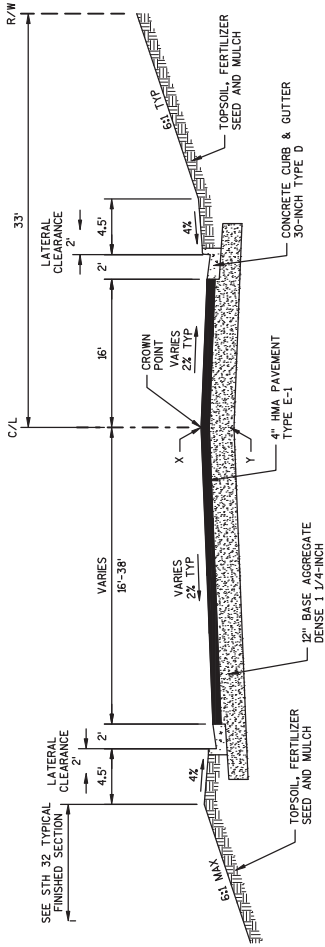
HWY: STH 32

COUNTY: SHEBOYGAN

GENERAL NOTES

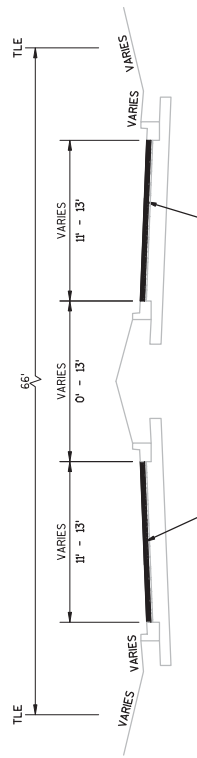
SHEET: 2

E



TYPICAL FINISHED SECTION - GREEN ACRES DRIVE
STA 12+45 - STA 13+20

X = POINTS REFERRED TO ON PROFILE
Y = POINTS REFERRED TO ON CROSS SECTIONS

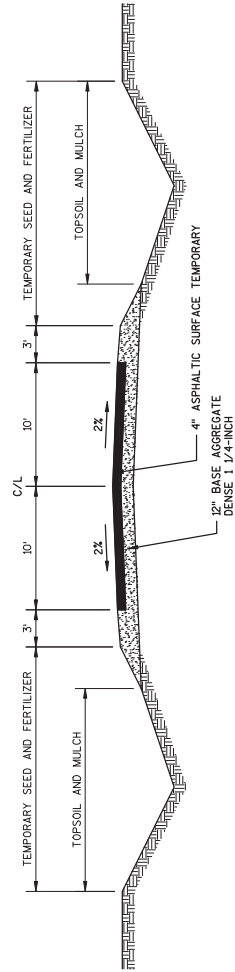


HMA PAVEMENT TYPE E-1 SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS AND GRADATIONS:

THICKNESS	LAYERS	NOM MAX SIZE GRADATION	ASPHALTIC MATERIAL
2-INCH	ONE 2" UPPER LAYER	12.5mm	PG64-28
4-INCH	ONE 1 3/4" UPPER LAYER ONE 2 1/4" LOWER LAYER	19.5mm 19.0mm	PG64-28 PG64-28

REMOVING THE EXISTING ASPHALTIC PAVEMENT UP TO THE SMCUT ON FAIRVIEW DRIVE IS INCIDENTAL TO REMOVING ASPHALT SURFACE MILLING

**TYPICAL FINISHED SECTION
FAIRVIEW DRIVE**



TEMPORARY ACCESS ROADS
NE QUADRANT STA 10+14 - STA 12+45
NW QUADRANT STA 10+24 - STA 14+02

Addendum No. 01
ID 4540-23-71
Revised Sheet 10
January 6, 2016

EARTHWORK SUMMARY												
Division	From/To Station	Location	ITEM #205.0100		C * Salvaged/ Unusable Pavement Material (5)	D * Available Material (6)	E ITEM #208.1100 Expanded EBS Backfill = Select Borrow (7)	F * Unexpanded Fill	G * Expanded Fill (8)	H * Mass Ordinate +/- (9)	I * Waste	J ITEM #208.0100 Borrow
			A ITEM #205.0100 Common Excavation (1) (CY)	B EBS Excavation (3)(4) (CY)								
Division 1												
Temporary Access Roads	20+50 - 23+66	NE Temporary Access Road	231	0	0	231	0	665	Factor 1.27	(CY)	(CY)	
Construction	10+50 - 13+61	NW Temporary Access Road	473	0	0	473	36	46	845	-614		
Division 1 Subtotal			704	0	0	704	702	891		-187	0	187
Division 2												
Mainline/Roundabout	118+63 - 131+86	STH 32	9,021	595	1,672	7,349	2,953	3,751		3,599		
Construction	54+30 - 61+38	Happy Lane	1,751	112	144	1,607	210	267		1,340		
	12+15 - 13+00	Green Acres Drive	206	0	33	173	8	10		163		
Division 2 Subtotal			10,978	707	1,849	9,129	3,171	4,028		5,102	5,102	0
Division 3												
Temporary Access Roads	20+50 - 23+66	NE Temporary Access Road	1,146	0	79	1,067	224	285		782		
Removal	10+50 - 13+61	NW Temporary Access Road	382	0	91	291	271	344		-54		
Division 3 Subtotal			1,527	0	170	1,357	495	629		729	729	0
Undistributed (EBS)			0	1,321	0	0	0	0		0	0	
Grand Total			13,210	2,028	2,019	11,191	4,368	5,547		5,644	5,830	187
		Total Common Exc		15,238								

- * Not a bid item. Column shown for information only.
- 1) Common Excavation is the sum of the Cut (A) and EBS Excavation (B) columns. Item number 205.0100
- 2) Salvaged/Unusable Pavement Material (C) is included in Cut (A).
- 3) EBS Excavation (E) to be backfilled with Select Borrow material.
- 4) EBS Excavation material (B) shall be removed from the site and shall not be used as fill material. EBS Excavation material is not included in the mass ordinate.
- 5) Salvaged/Unusable Pavement Material (C) is included in the Cut (A). This assumes the existing pavement structure is salvaged or wasted by the contractor. The existing pavement structure is not shown on the cross sections.
- 6) Available Material (D) = Cut (A) - Salvaged/Unusable Pavement Material (C)
- 7) Expanded EBS Backfill (E) - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.15. Item number 208.1100
- 8) Expanded Fill (G) = Unexpanded Fill (F) * Expanded Fill Factor (1.27)
- 9) The Mass Ordinate (H) = Available Material (D) - Expanded Fill (G). + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus quantity indicates a shortage of material within the Division.

Addendum No. 01
ID 4540-23-71
Revised Sheet 65
January 6, 2016

Addendum No. 01
ID 4540-23-71
Revised Sheet 66
January 6, 2016

BASE COURSE ITEMS

LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH
LOCATION	TON	TON
STH 32		
118+63 - 126+00	40	3,240
126+00 - 127+60	---	950
127+60 - 131+86	215	1,940
HAPPY LANE		
54+30 - 56+65	---	740
58+28 - 61+38	105	780
GREEN ACRES DRIVE		
12+15 - 13+15	10	215
TEMPORARY ROADS		
20+25 - 23+93 (NE)	---	1,290
10+24 - 13+91 (NW)	---	1,390
121+94 - 122+74 RT	---	220
MEDIAN CROSSING (130+00)	---	110
TOTALS	370	10,875

SEE TYPICAL FINISHED SECTIONS FOR BASE AGGREGATE DENSE LOCATIONS AND THICKNESSES.

BREAKER RUN

LOCATION	311.0110 TON
STH 32	
118+63 - 126+00	4,050
126+00 - 127+60	930
127+60 - 131+86	2,700
HAPPY LANE	
54+30 - 56+65	1,130
58+28 - 61+38	1,250
TOTALS	10,060

COLORING CONCRETE RED

LOCATION	405.0100 CY
STH 32	
122+62 - 126+00 (SPLITTER ISLAND)*	75
126+00 - 127+60 (TRUCK APRON)	110
127+60 - 131+00 (SPLITTER ISLAND)*	50
HAPPY LANE	
56+05 - 56+65 (SPLITTER ISLAND)*	7
58+28 - 59+04 (SPLITTER ISLAND)*	8
TOTAL	250

*NO RED COLORING AT CURB RAMP CUT-THROUGHS

CONCRETE DRIVEWAY 6-INCH

LOCATION	416.0180 SY
HAPPY LANE	
59+79 RT	50
60+43 RT	45
GREEN ACRES DRIVE	
12+30 RT	35
TOTAL	130

DRILLED TIE BARS

LOCATION	416.0610 EACH
STH 32	
118+63 - 122+51	10
131+86	4
HAPPY LANE	
54+30 - 56+00	12
GREEN ACRES DRIVE	
12+15	4
FAIRVIEW DRIVE	
NORTH	2
SOUTH	2
TOTALS	34

*USE 2 TIES FOR CONNECTIONS TO EXISTING CURB & GUTTER

CONCRETE ROUNDABOUT TRUCK APRON 12-INCH

LOCATION	416.0512 SY
STH 32	
126+00 - 127+60	320
TOTAL	320

HMA PAVEMENT ITEMS

LOCATION	455.0120 ASPHALTIC MATERIAL PG64-28	455.0605 TACK COAT	460.1101 HMA PAVEMENT TYPE E-1	460.1110 HMA PAVEMENT TYPE E-10	465.0105 ASPHALTIC SURFACE	465.0125 ASPHALTIC SURFACE TEMPORARY
LOCATION	TON	GAL	TON	TON	TON	TON
STH 32						
118+63 - 126+00	109	560	---	1,970	110	---
126+00 - 127+60	21	100	---	365	---	---
127+60 - 131+86	58	300	---	1,050	55	---
HAPPY LANE						
54+30 - 56+65	29	150	---	525	15	---
58+28 - 61+38	32	160	---	575	20	---
GREEN ACRES DRIVE						
12+15 - 13+15	6	30	100	---	---	---
TEMPORARY ROADS						
121+94 - 122+74 RT	---	---	---	---	---	40
MEDIAN CROSSING (130+00)	---	---	---	---	---	35
20+25 - 23+93 (NE)	---	---	---	---	---	230
10+24 - 13+91 (NW)	---	---	---	---	---	260
FAIRVIEW DRIVE						
	7	70	120	---	---	---
TOTALS	282	1,370	220	4,485	200	565

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Expanded EBS Backfill 1.15 *Note 8	Mass Ordinate *Note 9
		Cut	Fill	EBS	Cut	Fill	EBS	Cut 1.00	Expanded Fill 1.27	Expanded EBS Backfill 1.15 *Note 8		
118+63	0	70.0	0.0	0.0	0	0	0	0	0	0	0	
119+00	37	152.4	5.5	0.0	152	4	0	152	5	0	148	
119+50	50	139.9	4.1	0.0	271	9	0	423	16	0	407	
120+00	50	176.6	5.5	0.0	293	9	0	716	28	0	689	
120+50	50	162.6	1.4	0.0	314	6	0	1,030	36	0	995	
121+00	50	140.8	9.0	0.0	281	10	0	1,311	48	0	1,263	
121+50	50	133.6	34.3	0.0	254	40	0	1,565	99	0	1,466	
122+00	50	131.6	34.7	0.0	246	64	0	1,811	180	0	1,631	
122+50	50	141.1	35.2	0.0	253	65	0	2,063	262	0	1,801	
123+00	50	145.9	46.7	0.0	266	76	0	2,329	359	0	1,971	
123+50	50	161.5	58.7	0.0	285	98	0	2,614	483	0	2,131	
124+00	50	169.5	55.9	0.0	306	106	0	2,920	617	0	2,303	
124+50	50	178.6	33.8	0.0	322	83	0	3,243	723	0	2,520	
125+00	50	167.4	32.4	0.0	320	61	0	3,563	801	0	2,762	
125+50	50	138.3	52.4	0.0	283	79	0	3,846	900	0	2,945	
126+00	50	275.8	62.6	27.6	383	106	26	4,229	1,036	29	3,194	
126+50	50	244.7	260.8	0.0	482	299	26	4,711	1,416	59	3,295	
127+00	50	288.2	242.7	0.0	493	466	0	5,205	2,008	59	3,196	
127+50	50	322.7	206.3	102.0	566	416	94	5,770	2,536	167	3,234	
128+00	50	161.7	211.0	108.2	449	386	195	6,219	3,027	391	3,192	
128+50	50	162.2	111.9	83.5	300	299	177	6,519	3,407	595	3,112	
129+00	50	193.2	18.0	0.0	329	120	77	6,848	3,559	684	3,288	
129+50	50	192.0	17.4	0.0	357	33	0	7,204	3,601	684	3,603	
130+00	50	209.5	16.5	0.0	372	31	0	7,576	3,641	684	3,935	
130+50	50	206.4	10.3	0.0	385	25	0	7,961	3,672	684	4,289	
131+00	50	212.4	16.4	0.0	388	25	0	8,349	3,704	684	4,645	
131+50	50	210.2	8.7	0.0	391	23	0	8,740	3,733	684	5,007	
131+86	36	211.4	11.8	0.0	281	14	0	9,021	3,751	684	5,271	
				COLUMN TOTAL:	9,021	2,953	595					

* See Earthwork Summary in Miscellaneous Quantities for Earthwork Notes.

Addendum No. 01
ID 4540-23-71
Revised Sheet 183
January 6, 2016

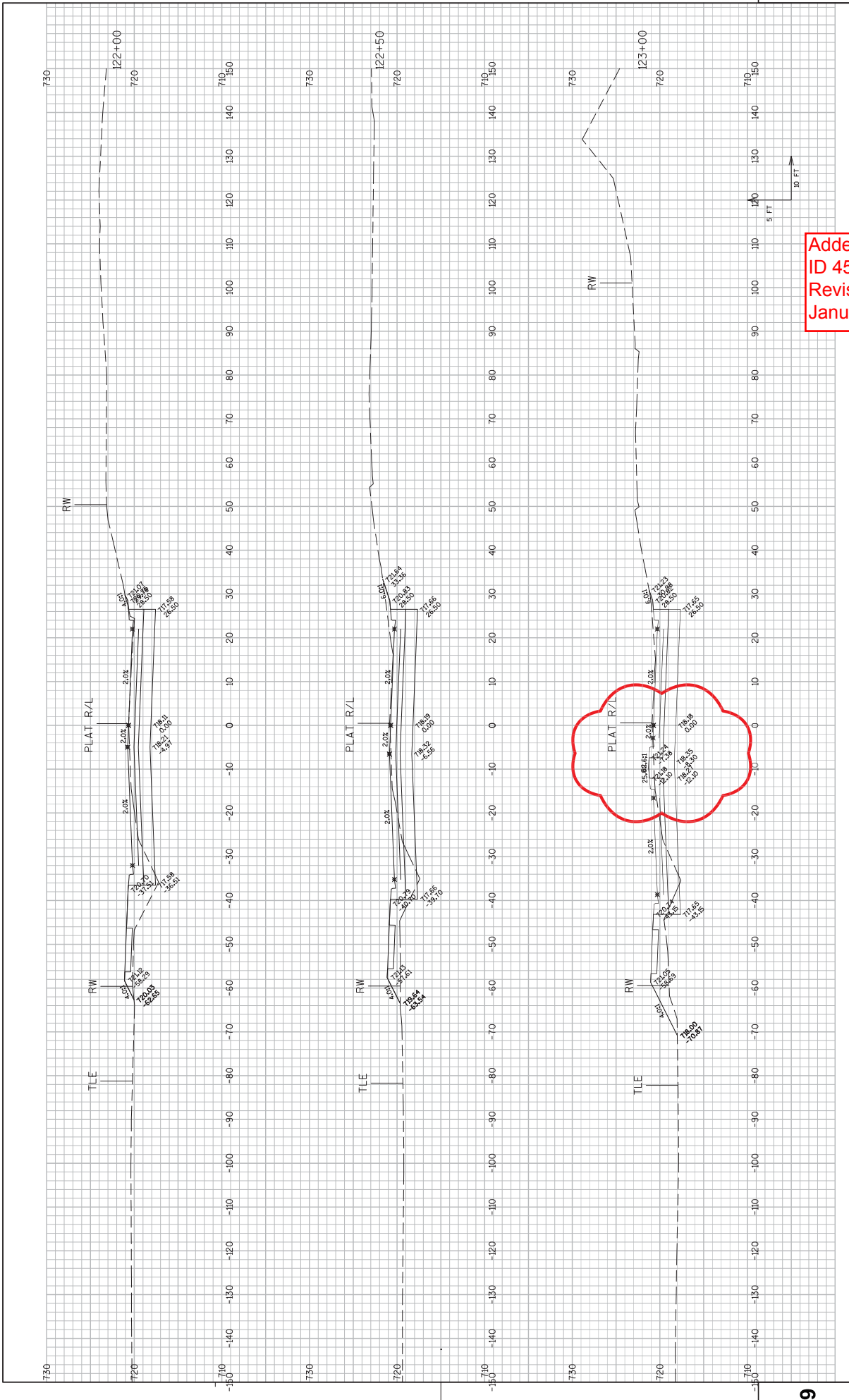
STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Expanded EBS Backfill 1.15 *Note 8	Mass Ordinate *Note 9	
		Cut	Fill	EBS	Cut	Fill	EBS	Cut	Expanded Fill 1.27				
54+30	0	114.0	0.6	0.0	0	0	0	1.00	0	0	0	0	
54+50	20	116.3	0.4	0.0	85	0	0	85	0	0	0	85	
55+00	50	119.3	0.3	0.0	218	1	0	303	1	0	0	302	
55+50	50	175.4	1.1	0.0	273	1	0	576	3	0	0	573	
56+00	50	163.3	2.0	0.0	314	3	0	890	7	0	0	883	
59+00	0	98.6	25.7	35.0	0	0	0	890	7	0	0	883	
59+50	50	86.5	43.9	43.0	171	64	72	1,061	88	83	0	973	
60+00	50	77.6	45.2	0.0	152	83	40	1,213	193	129	0	1020	
60+50	50	88.8	7.5	0.0	154	49	0	1,367	255	129	0	1112	
61+00	50	131.1	1.1	0.0	204	8	0	1,571	265	129	0	1306	
61+38	38	121.0	0.6	0.0	177	1	0	1,748	267	129	0	1481	
COLUMN TOTAL:							210	1,748	1,748	112			

*See Earthwork Summary in Miscellaneous Quantities for Earthwork Notes.

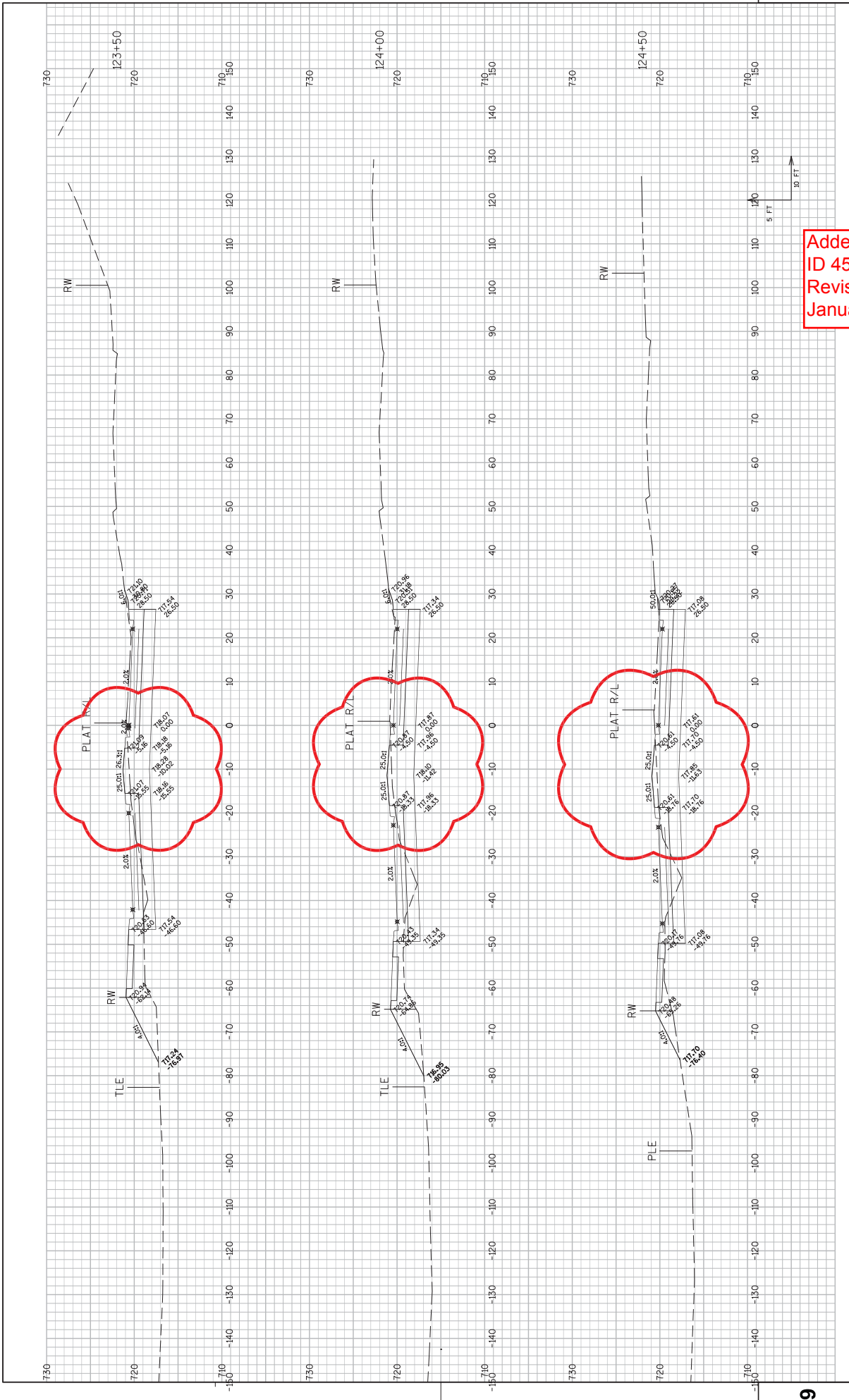
STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Expanded EBS Backfill 1.15 *Note 8	Mass Ordinate *Note 9	
		Cut	Fill	EBS	Cut	Fill	EBS	Cut	Expanded Fill 1.27				
12+15	0	55.1	1.2	0.0	0	0	0	1.00	0	0	0	0	
12+50	35	64.4	3.0	0.0	77	3	0	77	3	0	0	74	
13+00	50	74.4	2.6	0.0	129	5	0	206	10	0	0	196	
COLUMN TOTAL:							8	206	206	0			

*See Earthwork Summary in Miscellaneous Quantities for Earthwork Notes.

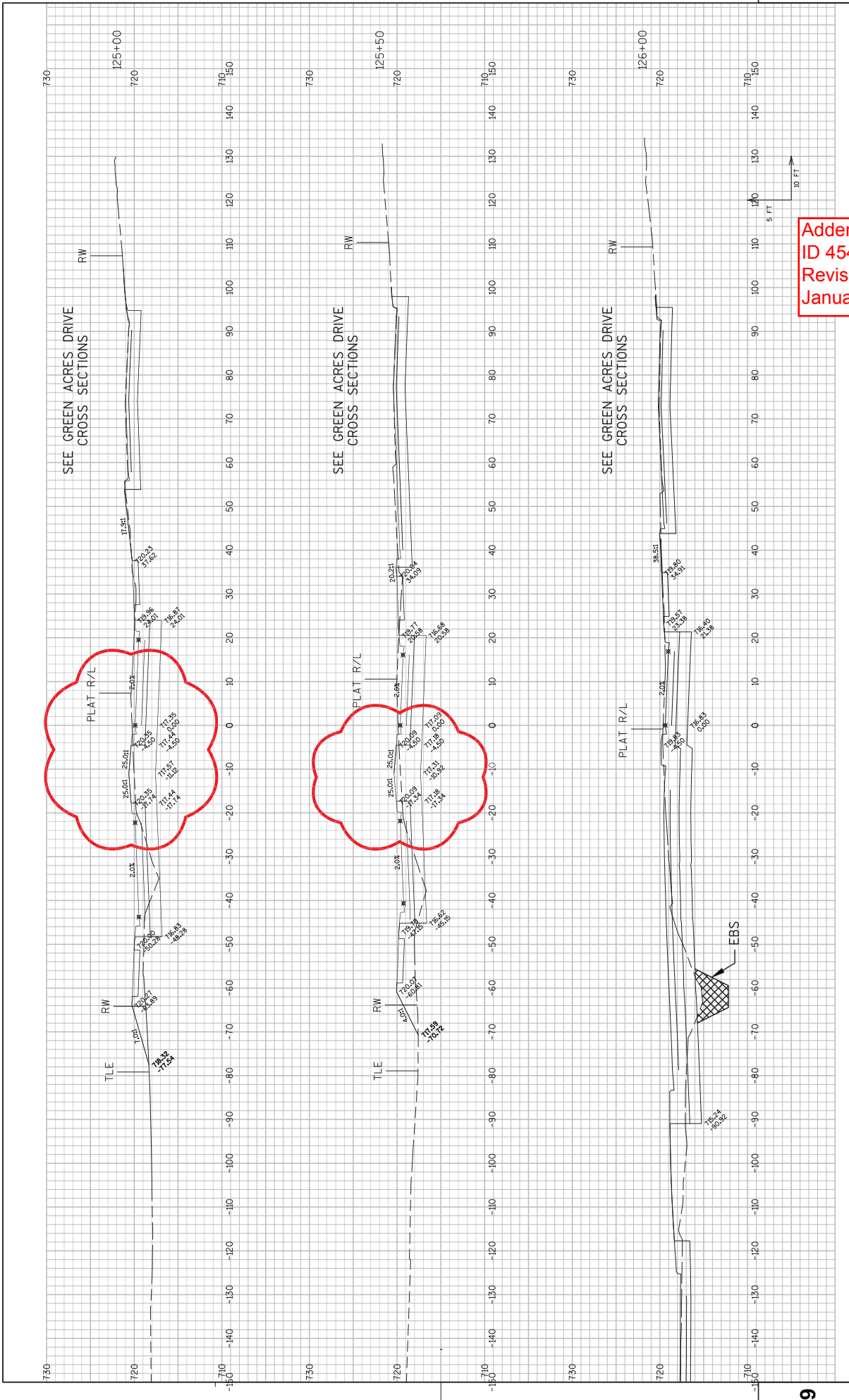
Addendum No. 01
ID 4540-23-71
Revised Sheet 184
January 6, 2016



Addendum No. 01
 ID 4540-23-71
 Revised Sheet 189
 January 6, 2016



Addendum No. 01
 ID 4540-23-71
 Revised Sheet 190
 January 6, 2016

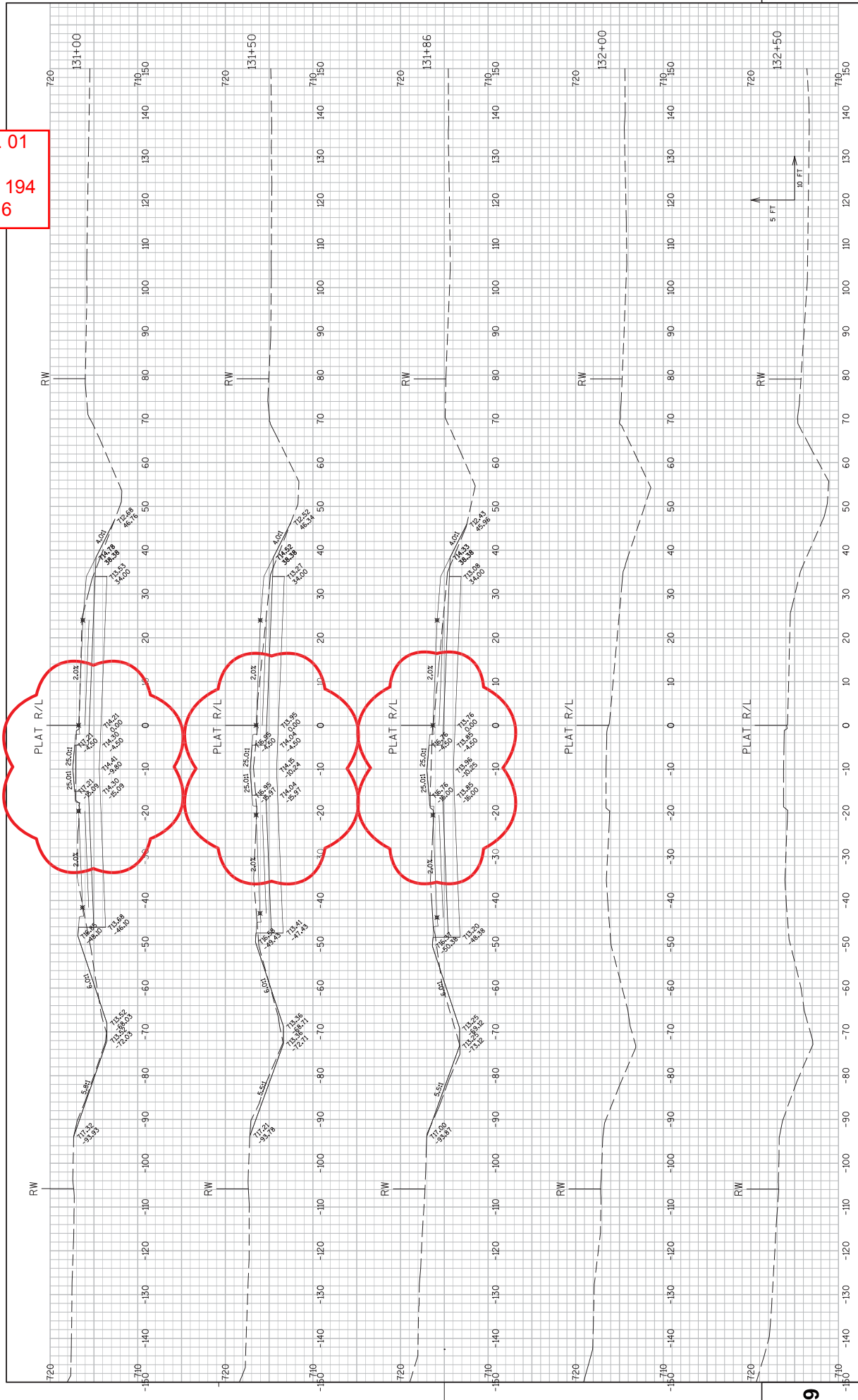


Addendum No. 01
 ID 4540-23-71
 Revised Sheet 191
 January 6, 2016

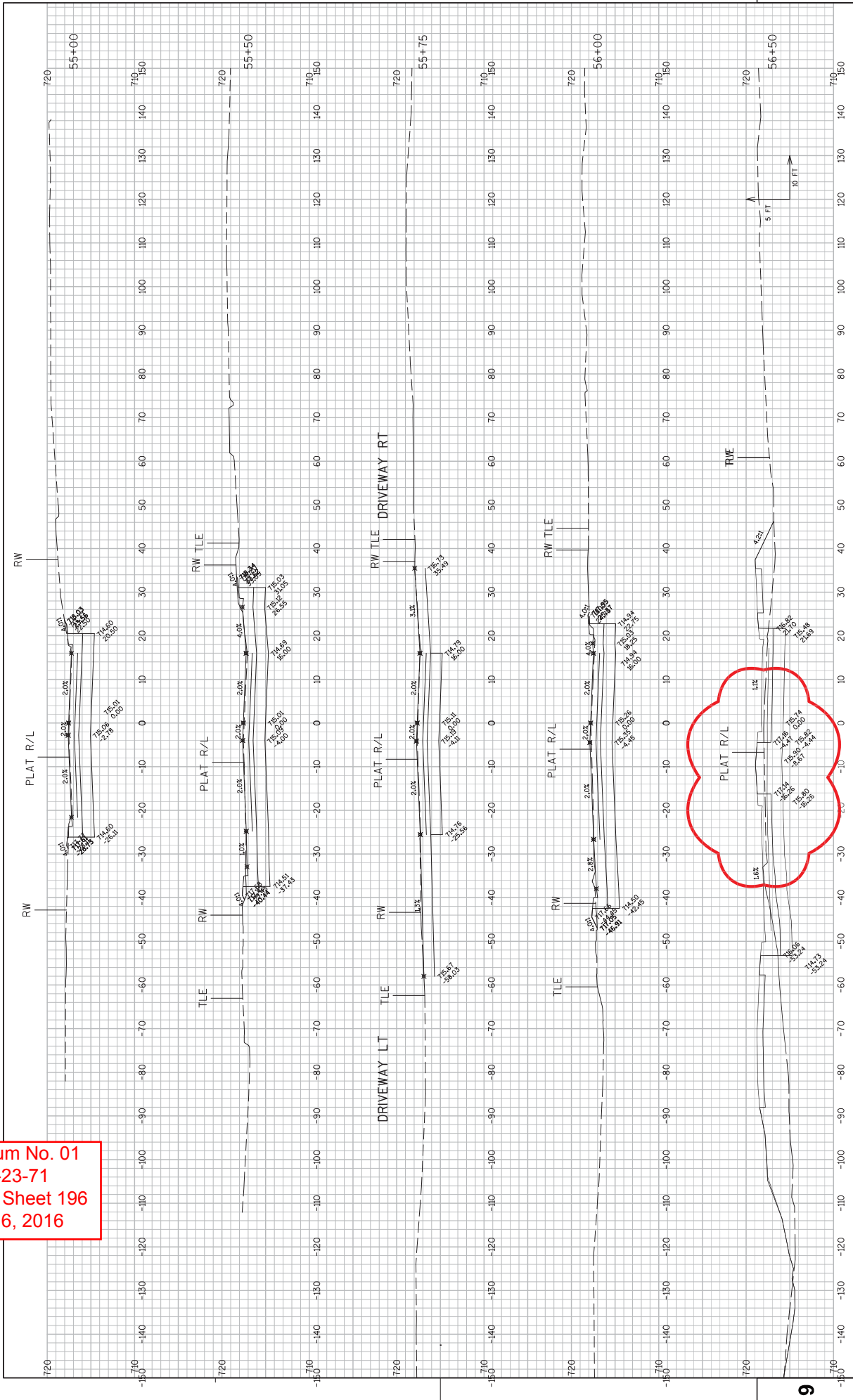
Addendum No. 01
 ID 4540-23-71
 Revised Sheet 192
 January 6, 2016



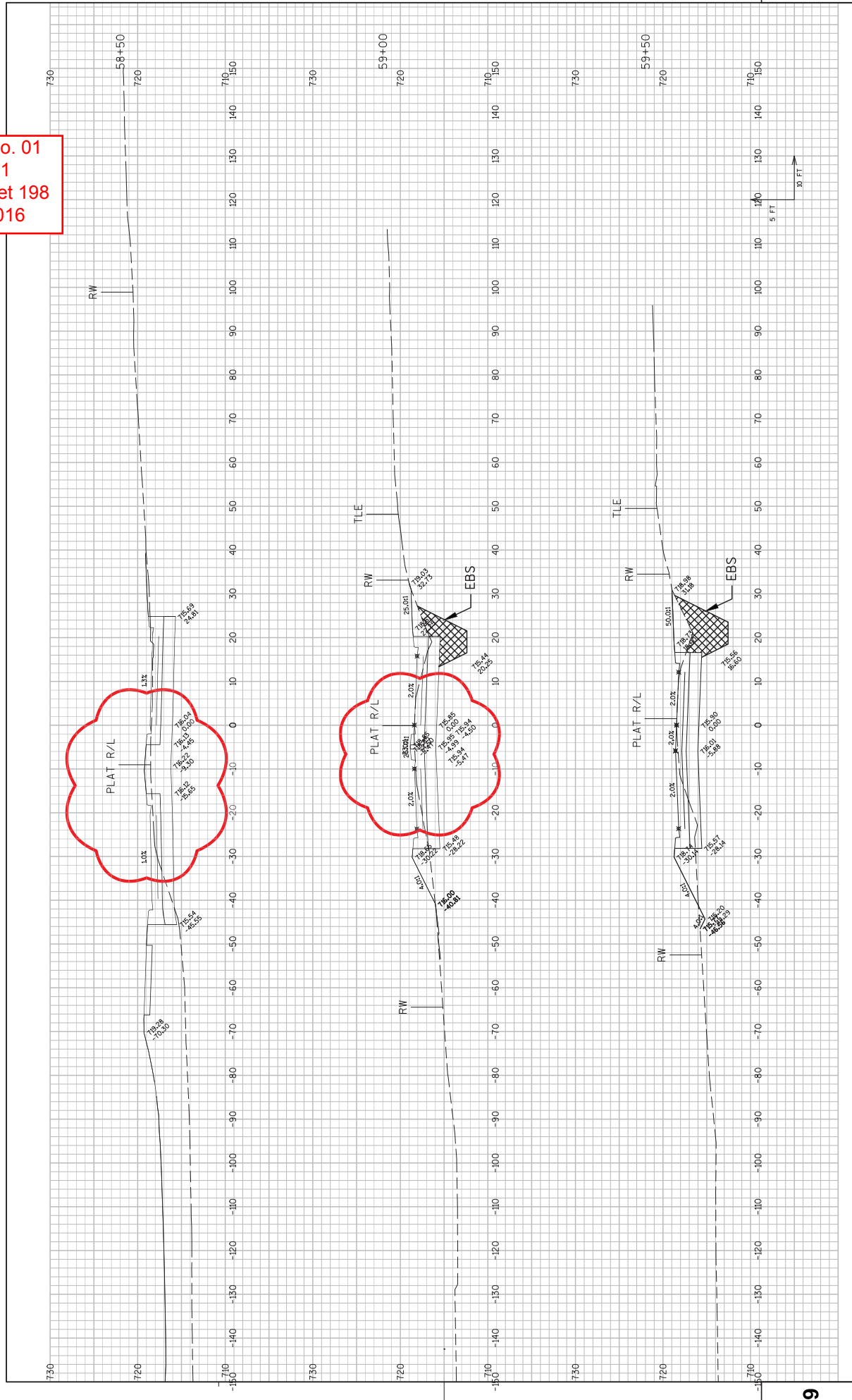
Addendum No. 01
 ID 4540-23-71
 Revised Sheet 194
 January 6, 2016



Addendum No. 01
 ID 4540-23-71
 Revised Sheet 196
 January 6, 2016

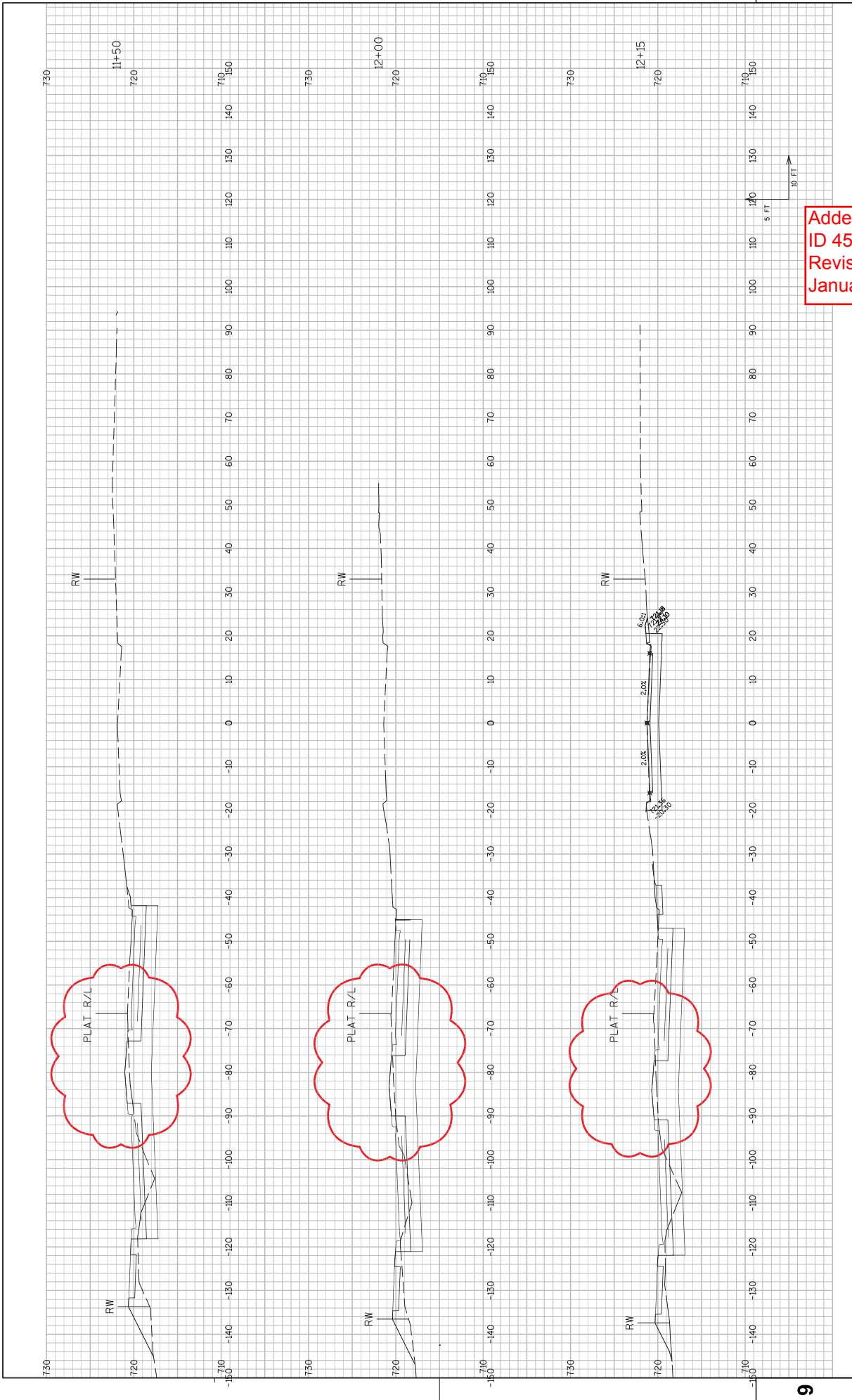


Addendum No. 01
ID 4540-23-71
Revised Sheet 198
January 6, 2016

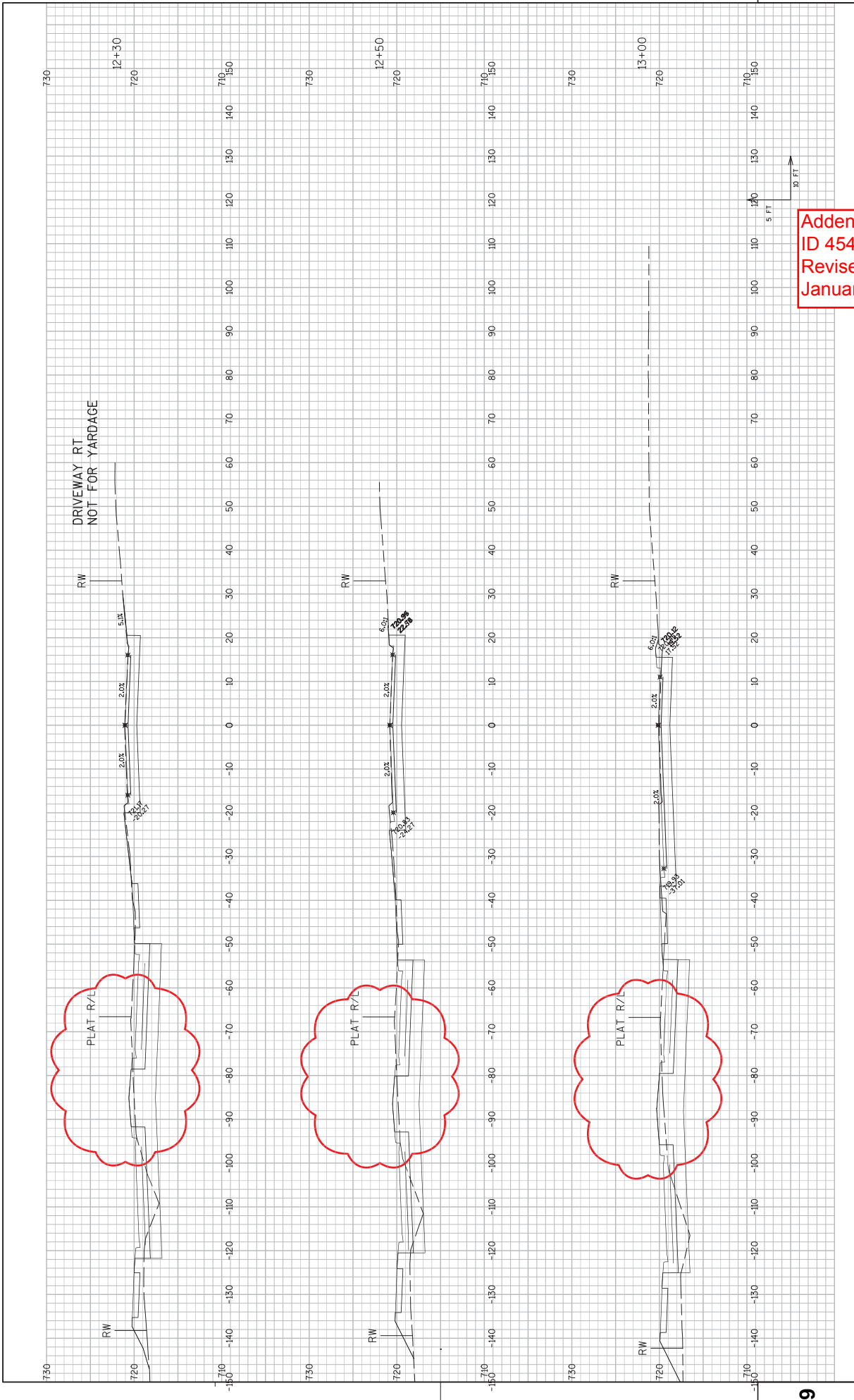


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Addendum No. 01
 ID 4540-23-71
 Revised Sheet 202
 January 6, 2016



Addendum No. 01
 ID 4540-23-71
 Revised Sheet 203
 January 6, 2016

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112021PROJECT(S):
4540-23-71FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	205.0100 Excavation Common	15,238.000 CY	.	.	.	.
0120	208.0100 Borrow	187.000 CY	.	.	.	.
0130	208.1100 Select Borrow	2,242.000 CY	.	.	.	.
0140	213.0100 Finishing Roadway (project) 01. 4540-23-71	1.000 EACH	.	.	.	.
0150	305.0110 Base Aggregate Dense 3/4-Inch	370.000 TON	.	.	.	.
0160	305.0120 Base Aggregate Dense 1 1/4-Inch	10,875.000 TON	.	.	.	.
0170	311.0110 Breaker Run	10,060.000 TON	.	.	.	.
0180	405.0100 Coloring Concrete Red	250.000 CY	.	.	.	.
0190	416.0160 Concrete Driveway 6-Inch	130.000 SY	.	.	.	.
0200	416.0512 Concrete Roundabout Truck Apron 12-Inch	320.000 SY	.	.	.	.
0210	416.0610 Drilled Tie Bars	34.000 EACH	.	.	.	.