UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ANR PIPELINE (TRANSCANADA)
6357 SR 66 NORTH
DEFIANCE, OHIO 43512
419-783-3136
US_CROSSINGS@TRANSCANADA.COM

COLUMBIA GAS OF OHIO, INC.
2901 E. MANHATTAN BLVD.
TOLEDO, OHIO 43611
419-539-6209
CLINTWELLS@NISOURCE.COM

COLUMBIA PIPELINE GROUP
1600 DUBLIN ROAD
COLUMBUS, OHIO 43215
419-722-1888
JOSEPH_STEWART@TRANSCANADA.COM
US_CROSSINGS@TRANSCANADA.COM

DOMINION EAST OHIO
320 SPRINGSIDE DRIVE, SUITE 230
AKRON, OHIO 44333
330-664-2572
KATHERINE.A.MCCULLOUGH@DOM.COM

PANHANDLE EASTERN PIPELINE
9371 ZIONSVILLE ROAD
INDIANAPOLIS, IN 46268
317-879-3039
NATHAN.CLOUD@ENERGYTRANSFER.COM

INDEPENDENTS FIBER NETWORK
13888 S. DIXIE DRIVE
WAPAKONETA, OHIO 45895
419-739-3100
SEMANS@CNITEAM.NET

AT&T - OHIO
130 NORTH ERIE ST.,ROOM 206
TOLEDO, OHIO 43604
419-245-5694
RF1281@ATT.COM

MONCLOVA TOWNSHIP
4335 ALBON ROAD
MONCLOVA, OHIO 43542
419-865-9662
HGRIM@MONCLOVATWP.ORG

WINDSTREAM OHIO
6777 ENGLE ROAD, SUITE E
MIDDLEBURG HEIGHTS, OH 44130
734-790-6558
JEFF.WEBB@WINDSTREAM.COM

LEVEL 3 COMMUNICATIONS
CENTURYLINK
1025 ELDORADO BLVD.
BROOMFIELD, COLORADO 80021
NATIONALRELO@CENTURYLINK.COM

TOLEDO EDISON - LAKEWOOD (FIRST ENERGY)
6099 ANGOLA ROAD
HOLLAND, OH 43528
RRSWOPE@FIRSTENERGYCORP.COM

FIRST ENERGY - TRANSMISSION
76 SOUTH MAIN ST.
AKRON, OHIO 44308
MWALTON@FIRSTENERGYCORP.COM

UTILITIES (CONTINUED)

BUCKEYE BROADBAND
2700 OREGON ROAD
NORTHWOOD, OHIO 43619
419-724-3713
MSHEAHAN@TELESYSTEM.US

SPECTRUM
3100 ELIDA ROAD
LIMA, OHIO 45805
234-208-4684
ANDY.FETTERMAN@CHARTER.COM

ODOT DISTRICT 2
317 EAST POE ROAD
BOWLING GREEN, OHIO 43202
419-373-4404

CITY OF MAUMEE WATER
400 CONANT
MAUMEE, OHIO 43537
734-777-0624
PBURTCH@MAUMEE.ORG

GENERATION PIPELINE
445 HUTCHINSON AVE., SUITE 830
COLUMBUS, OHIO 43235
281-770-3143
JHARTMAN@SOMERSETGAS.COM

LUCAS COUNTY SANITARY ENGINEER
1111 S. MCCORD RD.
HOLLAND, OHIO 43528
JSHAW@CO.LUCAS.OH.US

LUCAS COUNTY ENGINEER
1049 S. MCCORD RD.
HOLLAND, OHIO 43528
419-213-2860
MPNIEWSKI@CO.LUCAS.OH.US

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

EXISTING PLANS

EXISTING PLANS MAY BE INSPECTED IN THE ODOT DISTRICT 2 OFFICE IN BOWLING GREEN, OHIO.

MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON THE CENTERLINE PLAT SHEET NO. 3 OF 46 OF THE RIGHT OF WAY PLAN SET.

THE FOLLOWING QUANTITIES ARE CARRIED FORWARD TO THE GENERAL SUMMARY:

ITEM 623, MONUMENT ASSEMBLY	4 EACH
ITEM 623, REFERENCE MONUMENT	20 EACH

SURVEY PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 33 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.
USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: STATIC GNSS
MONUMENT TYPE: TYPE A
VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID12A

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83(2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLACE NORTH ZONE
COMBINED SCALE FACTOR: 1.0000434020 (GRID TO GROUND)
ORIGIN OF COORDINATE SYSTEM: 0,0,0
UNITS ARE IN U.S. SURVEY FEET.
USE THE FOLLOWING CONVERSION FACTOR:
1 METER = 3.280833333 U.S. SURVEY FEET.

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

CLEARING AND GRUBBING

4

ALTHOUGH THERE ARE NO SPECIFIC TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. PRIOR TO BIDDING, ODOT FORCES FELL ALL THE TREES IDENTIFIED AS INDIANA BAT TREES WITHIN THE PROJECT LIMITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO TAKE OWNERSHIP OF FELLED TREES ALONG WITH CLEARING AND GRUBBING DEBRIS AND PROPERLY DISPOSE ACCORDING TO ITEM 201. THIS WORK WILL INCLUDE THE REMOVAL OF STUMPS (APPROXIMATELY 200) AND DEBRIS OF THE CUT DOWN TREES COMPLETED BY ODOT FORCES.

IT SHOULD BE NOTED, ODOT FORCES DID NOT CUT DOWN THE NON-INDIANA BAT TREES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ANY TREES NECESSARY TO PERFORM THE PROPOSED WORK IN ACCORDANCE WITH ITEM 201. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATION, UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS) A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRICT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

FENCE LENGTHS

THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. MEASURES SHOULD BE TAKEN TO MINIMIZE NOISE AS MUCH AS FEASIBLE AT ALL TIMES INCLUDING NOT OPERATING POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN 9 P.M. AND 7 A.M.

IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT. CONTRACTORS SHALL ASSUME THE FOLLOWING EQUIPMENT WILL BE PERMITTED TO BE UTILIZED DURING ALL HOURS OF THE PROJECT. THEY MAY ALSO ASSUME THAT EQUIPMENT CREATING NOISE LEVELS EQUAL TO OR LESS THAN THE FOLLOWING EQUIPMENT WILL ALSO BE PERMITTED.

AIR COMPRESSORS	MATERIAL HANDLING
GRINDERS	CONCRETE DECK CUTTING SAWS
BACK UP BEEPERS	GENERATORS
MILLING MACHINES	IMPACT WRENCHES
HEAVY EQUIPMENT IDLING	

THE DEPARTMENT WILL OBTAIN AN OFFICIAL WAIVER FOR THE EQUIPMENT, TIMES AND DURATIONS NEEDED FOR WORK EXCEEDING THE NOISE ORDINANCE FROM THE CITY OF MAUMEE.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, TOPSOIL	22,637 CU. YD.
659, SOIL ANALYSIS TEST	3 EACH
659, SEEDING AND MULCHING	203,933 SQ. YD.
659, REPAIR SEEDING AND MULCHING	10,197 SQ. YD.
659, INTER-SEEDING	10,197 SQ. YD.
659, COMMERCIAL FERTILIZER	45.88 TON
659, LIME	42.14 ACRES
659, WATER	1,129 M. GAL.
659, MOWING	459 M. SQ.FT.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ENDANGERED BAT HABITAT REMOVAL

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

ENDANGERED UPLAND SANDPIPER

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT OF THE STATE ENDANGERED UPLAND SANDPIPER. THE HABITAT CONSISTS OF DEVELOPED OPEN SPACE, MOWED GRASS, PASTURES, SIMILAR TO GRASSY EXPANSES OF AIRPORTS. THE CONTRACTOR SHALL NOT CONDUCT ANY WORK WITHIN THE HABITAT BETWEEN APRIL 1 AND JULY 31 UNLESS THE FOLLOWING CONDITIONS ARE MET AND MAINTAINED:

ALL GRASSY AREAS AND ESTABLISHED FIELDS WITHIN CONSTRUCTION AREAS THAT ARE ANTICIPATED TO BE DISTURBED BETWEEN APRIL 1 AND JULY 31 MUST BE MOWED SUCH THAT THE GRASS/ VEGETATION IS 3-4 INCHES OR LESS IN HEIGHT PRIOR TO APRIL 1, AND THE AREAS MUST BE MAINTAINED AT THESE HEIGHTS THRU JULY 31.

CONSTRUCTION AREAS THAT ARE ANTICIPATED TO BE DISTURBED OUTSIDE OF THE RESTRICTED DATES LISTED ABOVE WILL NOT REQUIRE THE MOWING CONDITION.

ALL WORK RELATED TO THE PROTECTION OF THE ENDANGERED UPLAND SANDPIPER, MOWING OPERATIONS SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM FOR ITEM 201, CLEARING AND GRUBBING.

CALCULATED MAL
CHECKED KDK

GENERAL NOTES

LUC-475-01.85

C:\PROJECTS\TOHODT10.PE01\Drawing\99731\Design\Roadway\Sheets\99731_GN001.dgn Sheet 4/15/2022 9:05:33 AM mlove

SHEET NUM.												OFFICE CALC	PART. 01/IMS /PV	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				432	438	479	486	490	494										
																		TRAFFIC CONTROL (CONT.)	
								9	9				18	630	79100	18	EACH	SIGN HANGER ASSEMBLY, MAST ARM	
					7		6	2	4				19	630	79500	19	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
					2								2	630	79610	2	EACH	SIGN SUPPORT ASSEMBLY, BARRIER MOUNTED	
					1,283		4.5	76.5	78				1,442	630	80100	1,442	SF	SIGN, FLAT SHEET	
					404								404	630	80200	404	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
					4,919								4,919	630	80224	4,919	SF	SIGN, OVERHEAD EXTRUSHEET	
					2								2	630	84011	2	EACH	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50, AS PER PLAN	425
					4								4	630	84500	4	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
					43								43	630	84510	43	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
					127								127	630	84900	127	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
					1								1	630	85100	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
					21								21	630	85400	21	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	
					101								101	630	86002	101	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
					27								27	630	86102	27	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
					5								5	630	87400	5	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	
					3								3	630	89702	3	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL	
					112								112	630	97900	112	FT	SIGNING, MISC.: 6" X 8" SOLID WOOD POST	425
				1.8									1.8	642	00104	1.8	MILE	EDGE LINE, 6", TYPE 1	
				1.19									1.19	642	00204	1.19	MILE	LANE LINE, 6", TYPE 1	
				0.51									0.51	642	00300	0.51	MILE	CENTER LINE, TYPE 1	
				2,744									2,744	642	00400	2,744	FT	CHANNELIZING LINE, 8", TYPE 1	
				440									440	642	00500	440	FT	STOP LINE, TYPE 1	
				329									329	642	00631	329	FT	CROSSWALK LINE, 24", TYPE 1, AS PER PLAN	425
				2,066									2,066	642	00720	2,066	FT	CHEVRON MARKING, TYPE 1	
				106									106	642	01300	106	EACH	LANE ARROW, TYPE 1	
				15									15	642	01312	15	EACH	LANE REDUCTION ARROW, TYPE 1	
				6									6	642	01322	6	EACH	WRONG WAY ARROW, TYPE 1	
				1,956									1,956	642	01510	1,956	FT	DOTTED LINE, 6", TYPE 1	
				12.93									12.93	807	10010	12.93	MILE	WET REFLECTIVE TRAFFIC PAINT, EDGE LINE, 6"	
				0.43									0.43	807	10110	0.43	MILE	WET REFLECTIVE TRAFFIC PAINT, LANE LINE, 6"	
				16,486									16,486	807	10310	16,486	FT	WET REFLECTIVE TRAFFIC PAINT, CHANNELIZING LINE, 12"	
				7,381									7,381	807	10430	7,381	FT	WET REFLECTIVE TRAFFIC PAINT, DOTTED LINE, 12"	
																		TRAFFIC SIGNALS	
						560							560	611	00400	560	FT	4" CONDUIT, TYPE E	
							325	312	336				973	625	25402	973	FT	CONDUIT, 2", 725.05	
								179	317				496	625	25500	496	FT	CONDUIT, 3", 725.04	
							46	293	263				602	625	25502	602	FT	CONDUIT, 3", 725.05	
							470						470	625	25902	470	FT	CONDUIT, JACKED OR DRILLED, 725.04, 3"	
							371	784	916				2,071	625	29000	2,071	FT	TRENCH	
								1	4				5	625	30520	5	EACH	PULL BOX, 725.06, SIZE 7	
							4		2				6	625	30530	6	EACH	PULL BOX, 725.06, SIZE 18	
							1	7	3				11	625	30540	11	EACH	PULL BOX, 725.06, SIZE 30	
					47		11	9	11				78	625	32000	78	EACH	GROUND ROD	
							5	12	12				29	632	05006	29	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE △5	
							7						7	632	05086	7	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	
							6	2	4				12	632	20721	12	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, AS PER PLAN	480
							12	12	12				36	632	25000	36	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
							6	2	4				12	632	25010	12	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	

CALCULATED MAL CHECKED SMG

GENERAL SUMMARY

LUC-475-01.85

C:\Projects\TOHODTIO.PEON\Drawing\9973\Design\Roadway\Sheets\9973LGG005.dgn Sheet 4/21/2022 11:57:59 AM mlove

DRAINAGE SUBSUMMARY (1 OF 2)

CALCULATED ADC
CHECKED SRC

SHEET	REF. NO.	STATION FROM	STATION TO	SIDE	CENTERLINE ROADWAY REFERENCE	602 CONCRETE MASONRY CY	611 24" CONDUIT, TYPE A FT	611 27" CONDUIT, TYPE A FT	611 30" CONDUIT, TYPE A FT	611 36" CONDUIT, TYPE A FT	611 48" CONDUIT, TYPE A FT	611 54" CONDUIT, TYPE A FT	611 12" CONDUIT, TYPE B FT	611 15" CONDUIT, TYPE B FT	611 18" CONDUIT, TYPE B FT	611 21" CONDUIT, TYPE B FT	611 24" CONDUIT, TYPE B FT	611 30" CONDUIT, TYPE B FT	611 12" CONDUIT, TYPE C FT	611 15" CONDUIT, TYPE C FT	611 18" CONDUIT, TYPE C FT	611 24" CONDUIT, TYPE C FT	611 36" CONDUIT, TYPE C FT	611 54" CONDUIT, TYPE C FT	611 12" CONDUIT, TYPE D FT	611 15" CONDUIT, TYPE D FT	611 18" CONDUIT, TYPE D FT	611 24" CONDUIT, TYPE D FT	611 CONDUIT, BORED OR JACKED, 15" TYPE B FT	611 CONDUIT, BORED OR JACKED, 27" TYPE A FT	611 CONDUIT, BORED OR JACKED, 30" TYPE A FT	611 MANHOLE ADJUSTED TO GRADE EACH	611 MANHOLE RECONSTRUCTED TO GRADE EACH	611 MANHOLE, NO. 3 EACH	611 CATCH BASIN, NO. 3A EACH	611 CATCH BASIN, NO. 2-2B EACH	611 WATER QUALITY BASIN, DETENTION EACH	611 INLET, NO. 3B EACH	611 INLET, NO. 3C EACH	611 CATCH BASIN, NO. 6 EACH	601 DUMPED ROCK FILL, TYPE C CY
		475 NORTHBOUND																																								
61	D-1	1175+61	1175+62	RT	CD-NB																	34																1				
63	D-2	1080+06	1080+06	RT	CD-NB	0.25								54																									1			1.8
66	D-3	1093+00	1093+00	RT	CD-NB	0.25								64																									1			1.8
66 + 97	D-4	1093+29	1093+30	LT/RT	CD-NB	1.12																												294								2.2
67	D-4A	1096+03	1096+03	RT	CD-NB	0.31									133																											1.8
69	D-5	1099+50	1099+50	RT	CD-NB	0.25								52																										1		1.8
69	D-6	1101+00	1101+00	RT	CD-NB	0.25								58																										1		1.8
69 + 100	D-7	1103+29	1103+30	LT/RT	CD-NB	0.98																													291								2.3
70	D-8	1105+00	1105+97	RT	CD-NB									97																										1			
70	D-9	1105+97	1105+97	RT	CD-NB										6																										1			
70	D-10	1105+97	1107+00	RT	CD-NB									103																										1			
74 + 75	D-11	1118+94	1119+94	RT	CD-NB									101																											1		
75	D-12	1119+94	1119+95	RT	CD-NB	0.31									72																										1		
75	D-13	1119+94	1120+94	RT	CD-NB									100																											1		
77	D-14	1128+28	1128+50	RT	CD-NB	0.69																	25																			
78	D-15	1132+00	1132+00	RT	CD-NB	0.25																								94										1		1.8
81	D-16	1141+60	1141+60	RT	CD-NB	0.25																								127										1		1.8
		475 SOUTHBOUND																																								
89	D-17	67+70	67+70	LT	475	0.25								134																												1.8
92	D17A	74+44	74+44	LT	475	0.31									125																											1.8
92	D-18	75+03	75+42	LT	475	0.69																	40																1			2.7
92	D19	75+65	75+65	LT	475	0.37										127																										1.8
94	D-20	2083+05	2083+05	LT	CD-SB	0.25								82																										1			1.8
97	D-21	2093+00	2093+00	LT	CD-SB	0.25								80																										1			1.8
100	D-21A	2101+00	2101+00	LT	CD-SB	0.25								138																													1.8
101	D-21B	2104+95	2104+95	LT	CD-SB									76																													
101	D-22	2104+95	2105+97	LT	CD-SB											103																									1		
101	D-23	2105+97	2105+98	LT	CD-SB										7				39																					1		
101 + 130	D-24	2105+98	2106+12	LT	CD-SB	0.56													80																							2.2
101	D-25	2105+97	2106+95	LT	CD-SB										97																									1			
101	D-25A	2106+95	2106+95	LT	CD-SB									76																													
105	D-25B	2118+94	5018+94	LT	CD-SB									78																													
105	D-26	2118+94	2118+94	LT	CD-SB	0.37										90																										1		1.8
106	D-27	2119+94	2119+94	LT	CD-SB	0.31									100																											1		1.8
106	D-27A	2120+94	2120+94	LT	CD-SB										78																												
106	D-28	2120+94	2120+94	LT	CD-SB	0.31									93																											1		1.8
111	D-28A	2136+93	2136+93	LT	CD-SB										80																												
111	D-29	2136+93	2136+93	LT	CD-SB	0.37										128																										1		1.8
112	D-30	2139+90	2140+25	LT	CD-SB	1.32																		36																			4.1
114	D-30A	2146+94	2146+94	LT	CD-SB										78																												
114	D-31	2146+94	2146+94	LT	CD-SB	0.37										88																										1		1.8
114	D-32	2148+19	2148+20	LT	CD-SB	0.43	32																																				1.6
114	D-33	2148+39	2148+39	LT	CD-SB	0.69				32																																	2.7
115	D-34	2154+10	2154+10	LT	CD-SB	0.25								61																											1		1.8
117	D-35	2157+00	2157+00	LT	CD-SB	0.25								59																												1	1.8
117	D-36	2157+28	2157+36	LT	CD-SB	0.49		142																																			2
		SR 20A - RAMP A1																																								
123	D-37	21+38	21+47	LT/RT	RP A1	1.12			130																																	2.2
		SR 20A - RAMP B1																																								
127	D-38	40+87	40+89	LT/RT	RP B1	0.98		142																																		2.5
TOTALS CARRIED TO SHEET 44						15.1	32	284	130	32	0	0	0	1413	869	536	0	119	0	0	0	34	65	36	0	0	0	0	221	291	294	0	0	3	0	0	2	10	13	1	60.5

LUC-475-01.85

M:\16017 (Arcadis - LUC-475-01.85, 20A Interchange)\Project Data\9973\Design\Drainage\Sheets\9973L_GS300.dgn Sheet 4/26/2022 2:54:26 PM ADC

DRAINAGE SUBSUMMARY (2 OF 2)

CALCULATED ADC
CHECKED SRC

SHEET	REF. NO.	STATION FROM	STATION TO	SIDE	CENTERLINE ROADWAY REFERENCE	602 CONCRETE MASONRY	611 24" CONDUIT, TYPE A	611 27" CONDUIT, TYPE A	611 30" CONDUIT, TYPE A	611 36" CONDUIT, TYPE A	611 48" CONDUIT, TYPE A	611 54" CONDUIT, TYPE A	611 12" CONDUIT, TYPE B	611 15" CONDUIT, TYPE B	611 18" CONDUIT, TYPE B	611 21" CONDUIT, TYPE B	611 24" CONDUIT, TYPE B	611 30" CONDUIT, TYPE B	611 12" CONDUIT, TYPE C	611 15" CONDUIT, TYPE C	611 18" CONDUIT, TYPE C	611 24" CONDUIT, TYPE C	611 36" CONDUIT, TYPE C	611 54" CONDUIT, TYPE C	611 12" CONDUIT, TYPE D	611 15" CONDUIT, TYPE D	611 18" CONDUIT, TYPE D	611 24" CONDUIT, TYPE D	611 CONDUIT, BORED OR JACKED, 15" TYPE B	611 CONDUIT, BORED OR JACKED, 27" TYPE A	611 CONDUIT, BORED OR JACKED, 30" TYPE A	611 MANHOLE ADJUSTED TO GRADE	611 MANHOLE RECONSTRUCTED TO GRADE	611 MANHOLE, NO. 3	611 CATCH BASIN, NO. 3A	611 CATCH BASIN, NO. 2-2B	611 WATER QUALITY BASIN, DETENTION	611 INLET, NO. 3B	611 INLET, NO. 3C	611 CATCH BASIN, NO. 6	601 DUMPED ROCK FILL, TYPE C
						CY	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CY
		SR 20A - RAMP C1																																						
130	D-39	65+74	65+74	LT/RT	RP C1	1.38				121																														2.7
		SR 20A - RAMP D1																																						
133	D-40	88+03	88+09	LT/RT	RP D1	1.38				192																														2.7
		SALISBURY - RAMP E																																						
155	D-41	142+50	142+56	LT	RP E	1.32						11																													5.7
		US 20A																																						
137	D-42	542+95	543+29	RT	20A	0.25							5													56							1							1.8
137	D-43	543+30	543+45	LT	20A														5	12													1						
137	D-44	543+45	543+45	LT/RT	20A																								67											
137	D-45	543+45	543+45	RT	20A	0.25																				42									1					1.8
137	D-46	544+50	544+50	LT	20A	0.25														23															1					1.8
137	D-47	544+50	544+50	RT	20A	0.25																				41									1					1.8
138	D-48	545+50	545+50	LT	20A	0.25														22															1					2.4
138	D-49	545+50	545+50	RT	20A	0.25																				39									1					3.1
138	D-50	546+46	546+46	LT	20A	0.25								57																										6.2
138	D-51	546+75	546+75	LT/RT	20A	2.18					205																													3.6
138	D-52	546+95	547+00	RT	20A	0.25																				37									1					7.3
138	D-53	548+98	548+99	LT/RT	20A															59															1					
138	D-54	548+95	548+99	LT	20A	0.25								67																					1					12.4
140	D-55	551+60	551+60	LT	20A									5																					1					
140	D-56	550+70	551+60	LT	20A									133																					1					
138 + 140	D-57	550+02	550+70	LT	20A	0.25								82																						1				15.6
142	D-58	557+71	557+71	LT/RT	20A									5																					1					
142	D-59	557+71	559+50	LT/RT	20A									236																					1					
142 + 144	D-60	559+50	560+07	LT	20A	0.25								77																						1				9.3
144	D-61	560+50	560+50	LT/RT	20A															53															1					
144	D-62	560+50	561+09	LT	20A	0.25								115																					1					6.2
144	D-63	562+27	562+27	LT/RT	20A	0.25								78																										6.2
144	D-64	563+20	563+20	LT	20A	0.25														22															1					3.1
144	D-65	563+20	563+20	RT	20A	0.25																				40									1					2.2
146	D-66	566+25	566+50	RT	20A									26																						1				
146	D-67	566+50	566+50	LT/RT	20A																				5					57						1				
146	D-68	566+50	566+50	LT	20A																28															1				
146	D-69	566+50	568+15	LT	20A																165															1				
146	D-70	568+15	568+36	LT	20A	0.31															23															1				
146 - 147	D-71	568+71	571+25	RT	20A															255		8													1				
146	D-71A	568+59	568+59	RT	20A																														1					
147	D-72	571+25	571+25	RT	20A																					35									1					
147	D-73	571+25	571+25	LT/RT	20A																								55							2				
147	D-74	572+00	572+95	LT	20A													95																			1				
147	D-75	572+95	574+00	LT	20A													105																			1				
147	D-76	572+95	572+95	LT/RT	20A																								73						1					
147	D-77	572+95	573+00	RT	20A															22																	1				
147	D-78	572+95	573+05	RT	20A																						10								1					
147	D-79	573+15	573+15	LT	20A																													1						
148	D-80	575+98	576+18	RT	20A																				10	14	10	10						1						
SUBTOTAL FROM SHEET 44						10.4	0	0	0	313	205	11	5	881	0	0	0	0	205	468	216	8	0	0	15	304	20	10	252	0	0	1	1	12	21	3	0	0	0	2	95.9
SUBTOTAL FROM SHEET 43						15.1	32	284	130	32	0	0	0	1413	869	536	0	119	0	0	0	34	65	36	0	0	0	0	221	291	294	0	0	3	0	0	2	10	13	1	60.5
TOTALS CARRIED TO GENERAL SUMMARY						25.5	32	284	130	345	205	11	5	2294	869	536	0	119	205	468	216	42	65	36	15	304	20	10	473	291	294	1	1	15	21	3	2	10	13	3	156

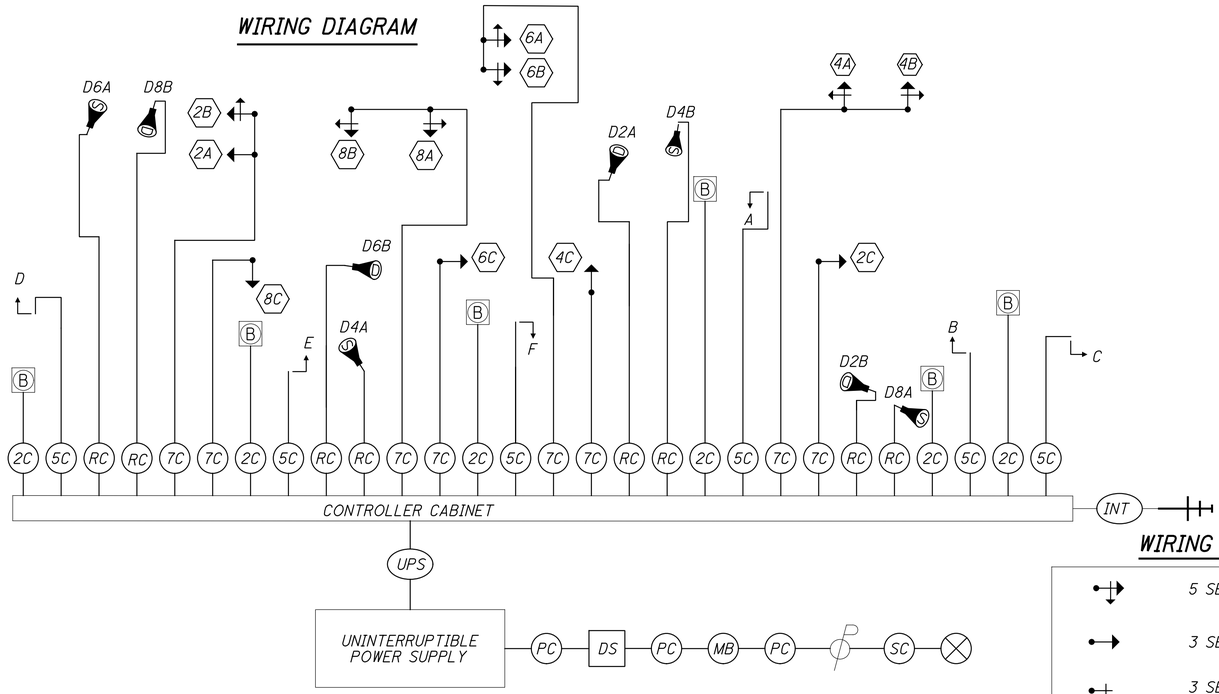
LUC-475-01.85

M:\16017 (Arcadis - LUC-475-01.85, 20A Interchange)\ProjectData\9973N\Design\Drainage\Sheets\9973I_GS300.dgn Sheet 4/26/2022 2:54:26 PM ADC

TRAFFIC SIGNAL SUBSUMMARY

ITEM	QUANTITY	UNIT	ITEM DESCRIPTION	REFERENCE
625	325	FT	CONDUIT, 2", 725.05	
625	46	FT	CONDUIT, 3", 725.05	
625	470	FT	CONDUIT, JACKED OR DRILLED, 725.04, 3"	
625	371	FT	TRENCH	
625	4	EACH	PULL BOX, 725.06, SIZE 18	
625	1	EACH	PULL BOX, 725.06, SIZE 30	
625	11	EACH	GROUND ROD	
630	6	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
630	4.5	SF	SIGN, FLAT SHEET	
632	5	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	5
632	7	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	
632	6	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, AS PER PLAN	480
632	12	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
632	6	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
632	6	EACH	PEDESTRIAN PUSHBUTTON	
632	1057	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG	
632	1081	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
632	1888	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
632	4	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	479
632	6	EACH	PEDESTAL FOUNDATION	
632	94	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
632	333	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	
632	1	EACH	POWER SERVICE, AS PER PLAN	479
632	1	EACH	CONDUIT RISER, 2" DIAMETER	
632	4	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN	479
632	6	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	479
632	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	
633	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	480
633	1	EACH	CABINET FOUNDATION, AS PER PLAN	479
633	1	EACH	CONTROLLER WORK PAD, AS PER PLAN	479
633	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	480
809	1	EACH	HIGH-SPEED ETHERNET RADIO	
809	4	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	480
809	4	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	482
809	1	EACH	ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL ONLY)	480

WIRING DIAGRAM



FIELD WIRING HOOK-UP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A	R	ϕ2 R	Y
	Y	ϕ2 Y	
	G	ϕ2 G	
-			
2B	R	ϕ2 R	Y
	Y	ϕ2 Y	
	G	ϕ2 G	
(EB LT)	<--Y---	ϕ5 Y	
	<--G---	ϕ5 G	
6B	R	ϕ6 R	Y
	Y	ϕ6 Y	
	G	ϕ6 G	
(WB LT)	<--Y---	ϕ1 Y	
	<--G---	ϕ1 G	
6A	R	ϕ6 R	Y
	Y	ϕ6 Y	
	G	ϕ6 G	
(WB RT)	---Y-->	ϕ7 Y	R
	---G-->	ϕ7 G	
4B	R	ϕ4 R	
	Y	ϕ4 Y	
	G	ϕ4 G	
(SB LT)	<--Y---	ϕ7 Y	
	<--G---	ϕ7 G	
		ϕ	
LS = LOAD SWITCH			

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
4A	R	ϕ4 R	R
	Y	ϕ4 Y	
	G	ϕ4 G	
(SB RT)	---Y-->	5 Y	
	---G-->	5 G	
8B	R	ϕ8 R	R
	Y	ϕ8 Y	
	G	ϕ8 G	
(NB LT)	<--Y---	ϕ3 Y	
	<--G---	ϕ3 G	
8A	R	8 R	R
	Y	8 Y	
	G	8 G	
PEDESTRIAN MOVEMENTS			
PED	W	ϕ4 PED	OUT
WEST	DW	ϕ4 PED	
PED	W	ϕ8 PED	OUT
EAST	DW	ϕ8 PED	
PED	W	ϕ2 PED	OUT
SOUTH	DW	ϕ2 PED	
OVERLAPS			
OLA	---Y-->	ϕ5 Y	DARK
	---G-->	ϕ5 G	
OLB	---Y-->	ϕ7 Y	DARK
	---G-->	ϕ7 G	
OLC	---Y-->	ϕ1 Y	DARK
	---G-->	ϕ1 G	

WIRING DIAGRAM LEGEND

- 5 SECTION VEHICULAR SIGNAL HEAD, 1-WAY
- 3 SECTION VEHICULAR SIGNAL HEAD, 1-WAY
- 3 SECTION VEHICULAR SIGNAL HEAD, TURN ARROWS 1-WAY
- PEDESTRIAN SIGNAL HEAD
- (B) PEDESTRIAN PUSH BUTTON
- (D) DILEMMA ZONE RADAR DETECTION UNIT
- (S) STOP BAR RADAR DETECTION UNIT
- HIGH SPEED ETHERNET RADIO ANTENNA
- (INT) INTERCONNECT CABLE
- POWER SOURCE
- (2C) SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG
- (5C) SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- (7C) SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- (RC) RADAR DETECTION CABLE
- (SC) SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG
- (PC) POWER CABLE, 2 CONDUCTOR, NO. 6 AWG
- (SP 1) SIGNAL SUPPORT POLE NO. __
- (MB) METER BASE
- (DS) DISCONNECT SWITCH
- (UPS) UNINTERRUPTIBLE POWER SUPPLY CABLE

CALCULATED BRO
CHECKED DRJ

TRAFFIC SIGNAL PLAN DETAILS
US 20A & BRIARFIELD BLVD

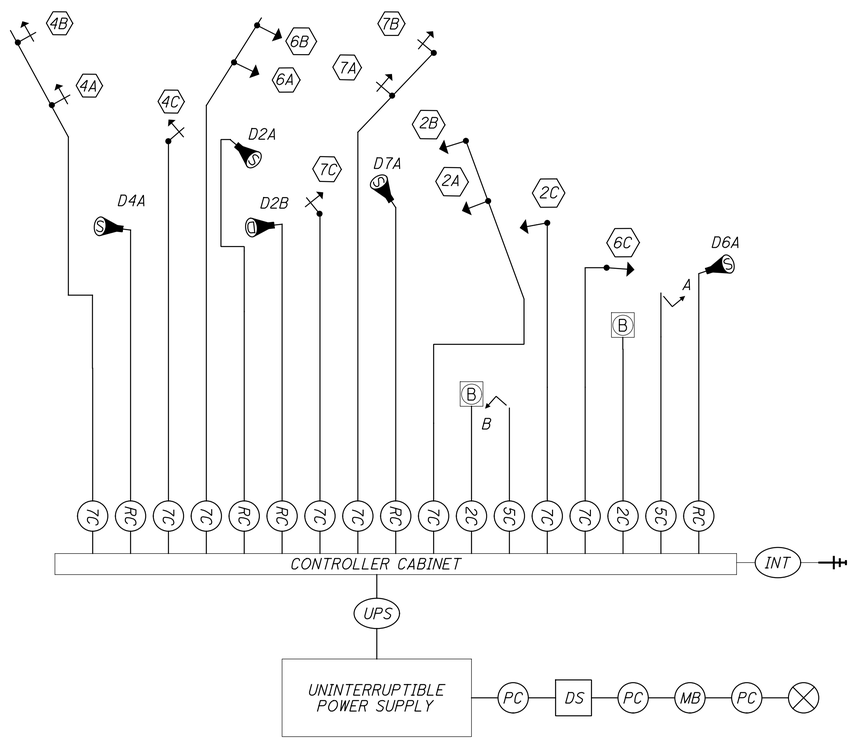
LUC-475-01.85

C:\Projects\TOHODTIO.PEO\Drawing\9973\Design\Signals\Sheets\9973L_CPI54.dgn Sheet 4/21/2022 11:22:6 AM mlove

TRAFFIC SIGNAL SUBSUMMARY

ITEM	QUANTITY	UNIT	ITEM DESCRIPTION	REFERENCE
625	312	FT	CONDUIT, 2", 725.05	
625	179	FT	CONDUIT, 3", 725.04	
625	293	FT	CONDUIT, 3", 725.05	
625	784	FT	TRENCH	
625	1	EACH	PULL BOX, 725.06, SIZE 7	
625	7	EACH	PULL BOX, 725.06, SIZE 30	
625	9	EACH	GROUND ROD	
630	9	EACH	SIGN HANGER ASSEMBLY, MAST ARM	
630	2	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
630	76.5	SF	SIGN, FLAT SHEET	
632	12	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	5
632	2	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, AS PER PLAN	480
632	12	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
632	2	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
632	2	EACH	PEDESTRIAN PUSHBUTTON	
632	314	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG	
632	322	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
632	1770	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
632	4	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	479
632	4	EACH	PEDESTAL FOUNDATION	
632	148	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
632	920	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	
632	1	EACH	POWER SERVICE, AS PER PLAN	479
632	1	EACH	CONDUIT RISER, 2" DIAMETER	
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN	479
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	479
632	2	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN	479
632	4	EACH	PEDESTAL, MISC.: 15', TRANSFORMER BASE	479
633	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	480
633	1	EACH	CABINET FOUNDATION, AS PER PLAN	479
633	1	EACH	CONTROLLER WORK PAD, AS PER PLAN	479
633	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	480
809	1	EACH	HIGH-SPEED ETHERNET RADIO	
809	1	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	480
809	4	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	482
809	1	EACH	ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL ONLY)	480

WIRING DIAGRAM



WIRING DIAGRAM LEGEND

- 5 SECTION VEHICULAR SIGNAL HEAD, 1-WAY
- 3 SECTION VEHICULAR SIGNAL HEAD, 1-WAY
- 3 SECTION VEHICULAR SIGNAL HEAD, TURN ARROWS 1-WAY
- PEDESTRIAN SIGNAL HEAD
- (B) PEDESTRIAN PUSH BUTTON
- (D) DILEMMA ZONE RADAR DETECTION UNIT
- (S) STOP BAR RADAR DETECTION UNIT
- HIGH SPEED ETHERNET RADIO
- (INT) INTERCONNECT CABLE
- POWER SOURCE
- (2C) SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG
- (5C) SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- (7C) SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- (RC) RADAR DETECTION CABLE
- (SC) SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG
- (PC) POWER CABLE, 2 CONDUCTOR, NO. 6 AWG
- (SP 1) SIGNAL SUPPORT POLE NO. --
- (MB) METER BASE
- (DS) DISCONNECT SWITCH
- (UPS) UNINTERRUPTIBLE POWER SUPPLY CABLE

FIELD WIRING HOOK-UP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH	SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B	R	ϕ2 R	R				
	Y	ϕ2 Y					
	G	ϕ2 G					
6A, 6B	R	ϕ6 R	R				
	Y	ϕ6 Y					
	G	ϕ6 G					
	-	-					
	-	-					
4A, 4B	R	ϕ4 R	R				
	---Y-->	ϕ4 Y					
	---G-->	ϕ4 G					
(SB RT)				PEDESTRIAN MOVEMENTS			
				PED	W	ϕ2 PED	OUT
				NORTH	DW	ϕ2 PED	
7A, 7B	R	ϕ7 R	R				
	<--Y---	ϕ7 Y					
	<--G---	ϕ7 G					
(SB LT)							
				OVERLAPS			

LS = LOAD SWITCH

CALCULATED BRO
CHECKED DRJ

TRAFFIC SIGNAL PLAN DETAILS
US 20A & SOUTHBOUND I-475 RAMPS

LUC-475-01.85

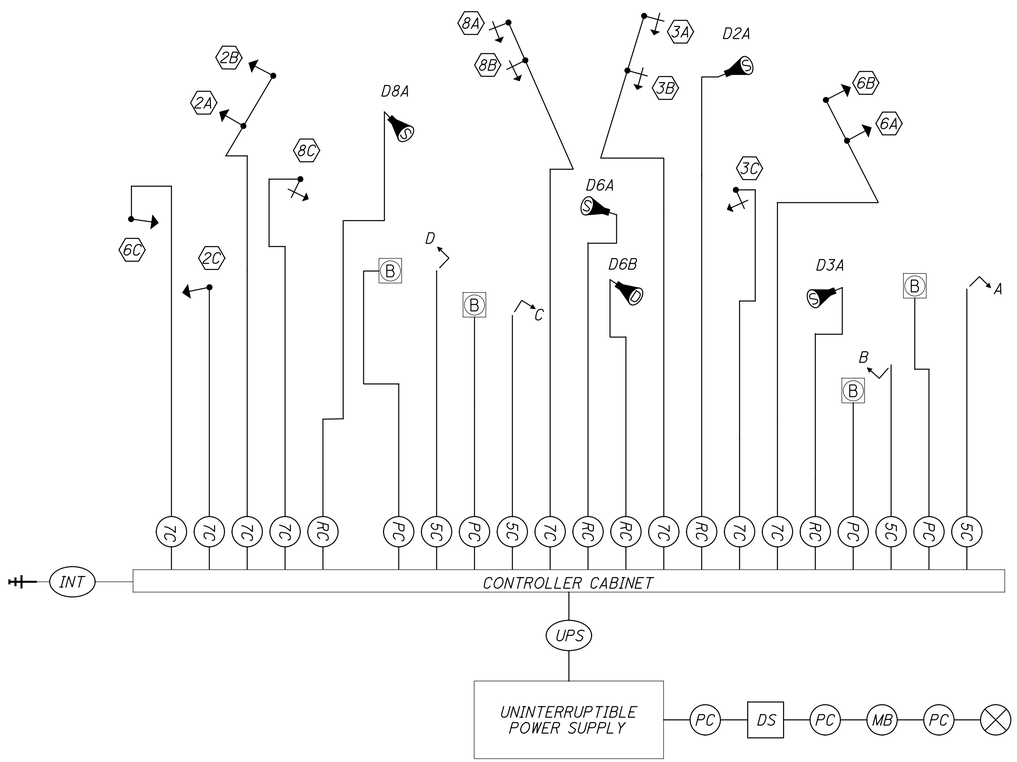
490
637

C:\Projects\TOHOBTIO.PEO\Drawing\9973\Design\Signals\Sheets\9973L_CPI58.dgn Sheet 4/21/2022 11:28:50 AM mlove

TRAFFIC SIGNAL SUBSUMMARY

ITEM	QUANTITY	UNIT	ITEM DESCRIPTION	REFERENCE
625	336	FT	CONDUIT, 2", 725.05	
625	317	FT	CONDUIT, 3", 725.04	
625	263	FT	CONDUIT, 3", 725.05	
625	916	FT	TRENCH	
625	4	EACH	PULL BOX, 725.06, SIZE 7	
625	2	EACH	PULL BOX, 725.06, SIZE 18	
625	3	EACH	PULL BOX, 725.06, SIZE 30	
625	11	EACH	GROUND ROD	
630	9	EACH	SIGN HANGER ASSEMBLY, MAST ARM	
630	4	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
630	78.0	SF	SIGN, FLAT SHEET	
632	12	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	5
632	4	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, AS PER PLAN	480
632	12	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
632	4	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
632	4	EACH	PEDESTRIAN PUSHBUTTON	
632	920	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG	
632	936	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
632	1834	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
632	4	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	479
632	6	EACH	PEDESTAL FOUNDATION	
632	89	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
632	1	EACH	POWER SERVICE, AS PER PLAN	479
632	1	EACH	CONDUIT RISER, 2" DIAMETER	
632	2	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN	479
632	2	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	479
632	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	479
632	3	EACH	PEDESTAL, MISC.:15', TRANSFORMER BASE	479
633	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	480
633	1	EACH	CABINET FOUNDATION, AS PER PLAN	479
633	1	EACH	CONTROLLER WORK PAD, AS PER PLAN	479
633	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	480
809	1	EACH	HIGH-SPEED ETHERNET RADIO	
809	1	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	480
809	4	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	482
809	1	EACH	ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL ONLY)	480

WIRING DIAGRAM



WIRING DIAGRAM LEGEND

- 5 SECTION VEHICULAR SIGNAL HEAD, 1-WAY
- 3 SECTION VEHICULAR SIGNAL HEAD, 1-WAY
- 3 SECTION VEHICULAR SIGNAL HEAD, TURN ARROWS 1-WAY
- PEDESTRIAN SIGNAL HEAD
- (B) PEDESTRIAN PUSH BUTTON
- (D) DILEMMA ZONE RADAR DETECTION UNIT
- (S) STOP BAR RADAR DETECTION UNIT
- HIGH SPEED ETHERNET RADIO
- (INT) INTERCONNECT CABLE
- POWER SOURCE
- (2C) SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG
- (5C) SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- (7C) SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- (RC) RADAR DETECTION CABLE
- (SC) SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG
- (PC) POWER CABLE, 2 CONDUCTOR, NO. 6 AWG
- (SP 1) SIGNAL SUPPORT POLE NO. --
- (MB) METER BASE
- (DS) DISCONNECT SWITCH
- (UPS) UNINTERRUPTIBLE POWER SUPPLY CABLE

FIELD WIRING HOOK-UP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH	SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B	R	ϕ2 R	R				
	Y	ϕ2 Y					
	G	ϕ2 G					
6A, 6B	R	ϕ6 R	R				
	Y	ϕ6 Y					
	G	ϕ6 G					
3A, 3B	R	ϕ3 R	R				
	<--Y---	ϕ3 Y					
	<--G---	ϕ3 G					
(NB LT)				PEDESTRIAN MOVEMENTS			
				PED	W	ϕ2 PED	OUT
				NORTH	DW	ϕ2 PED	
				PED	W	ϕ2 PED	OUT
				NORTH	DW	ϕ2 PED	
8A, 8B	R	ϕ8 R	R				
	---Y-->	ϕ8 Y					
	---G-->	ϕ8 G					
(NB RT)							
				OVERLAPS			

LS = LOAD SWITCH

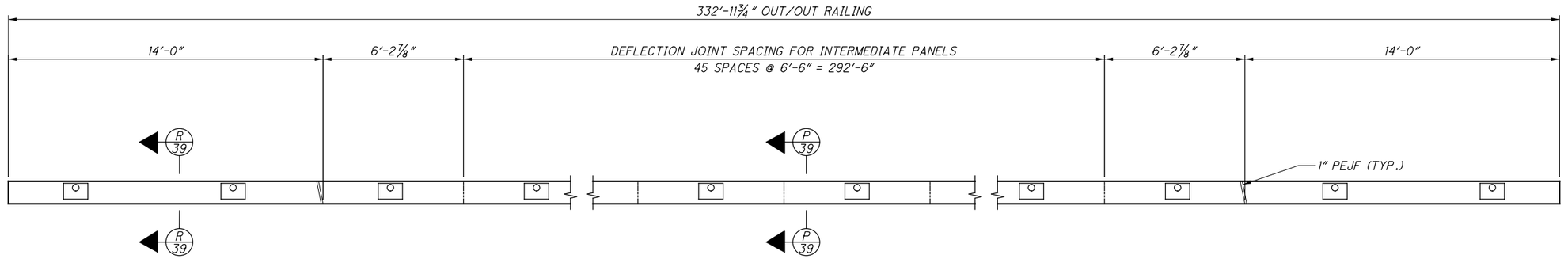
CALCULATED BRO
CHECKED DRJ

TRAFFIC SIGNAL PLAN DETAILS
US 20A & NORTHBOUND I-475 RAMPS

LUC-475-01.85

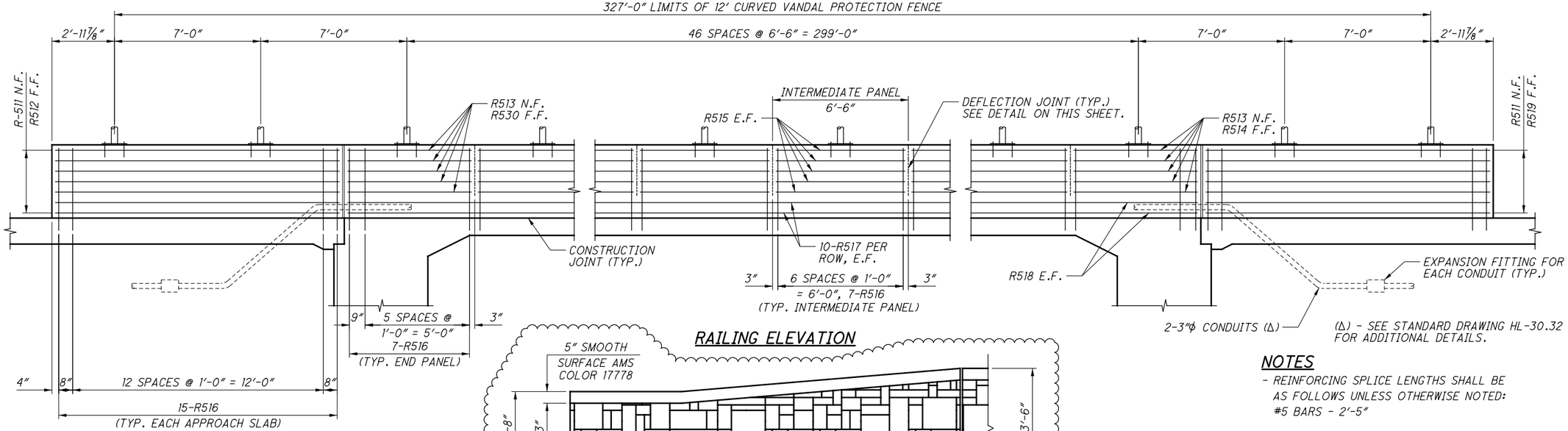
494
637

C:\Projects\TOHODTIO.PEO\Drawing\9973\Design\Signals\Sheets\9973L_CPI62.dgn Sheet 4/21/2022 11:36:33 AM mlove

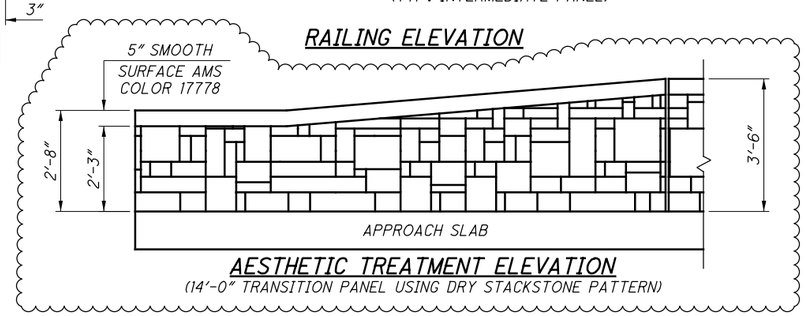


RIGHT RAILING
(LEFT STRUCTURE)

RAILING PLAN



RAILING ELEVATION

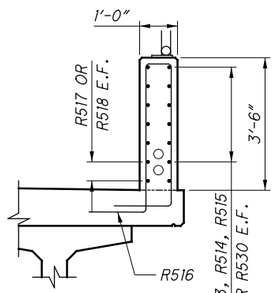


AESTHETIC TREATMENT ELEVATION

(14'-0" TRANSITION PANEL USING DRY STACKSTONE PATTERN)

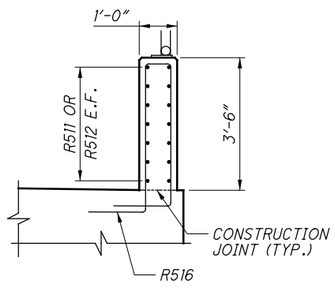
NOTES

- REINFORCING SPLICE LENGTHS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: #5 BARS - 2'-5"
- SEE STD. DWG. BR-2-15 FOR SAWCUT DETAILS
- SEE STD. DWG. VPF-1-90 FOR DETAILS ON 12' CURVED VANDAL PROTECTION FENCE. USE BP-3 BASE PLATE AND PS-1 POST SECTION.
- PARAPET AESTHETIC TREATMENT SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 511, CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN.



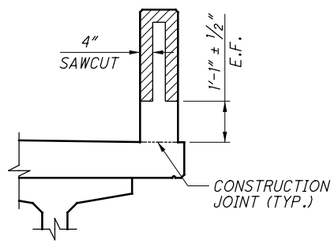
SECTION P-P

(DECK REINFORCING NOT SHOWN)

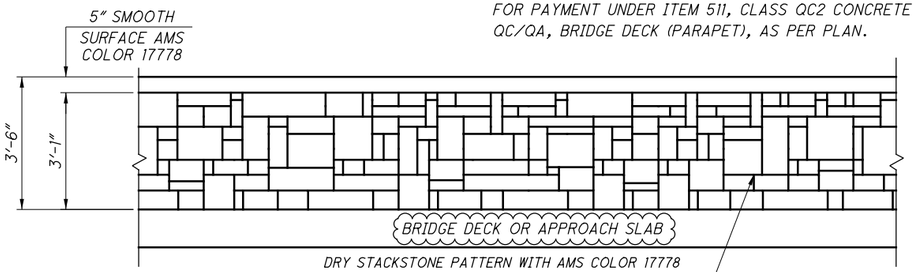


SECTION R-R

(APPROACH SLAB REINFORCING NOT SHOWN)



DEFLECTION JOINT DETAIL



AESTHETIC TREATMENT ELEVATION

(FULL LENGTH EXTERIOR PARAPET FASCIA BOTH STRUCTURES - 4 TOTAL FACES)

DESIGN AGENCY
DGL Consulting Engineers, LLC
3455 Briarfield Blvd. Suite E
Maumee, Ohio 43537 (419) 535-1015

DESIGNED	DRAWN	REVIEWED	DATE
SAM	SAM	LLA	3-9-18
CHECKED	REVISED	STRUCTURE FILE NUMBER	
KWL		4801025L/4801026R	

SUPERSTRUCTURE DETAILS (19 OF 20)

BRIDGE NO. LUC-20A-1048 (L & R)
US 20A OVER I-475/US 23

LUC-475-01.85
PID No. 99731

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10,PE01(2)\T0H0DT10,PE01(2)\Drawing\9973L\Design\MOT\Sheets\9973L_MN008.dgn Sheet 4/28/2022 5:11:04 PM sgault

ITEM 625 SPECIAL - MAINTAIN EXISTING LIGHTING

EXISTING ROADWAYS WHICH ARE TO REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION OF THIS PROJECT AND ARE LIGHTED SHALL HAVE THE LIGHTING MAINTAINED AS DESCRIBED HEREIN. ANY NEW ROADWAYS THAT ARE TO BE LIGHTED SHALL BE LIT WITH NEW OR TEMPORARY LIGHTING PRIOR TO BEING OPENED TO

BEFORE ANY WORK IS STARTED IN THE IMMEDIATE VICINITY OF ANY EXISTING LIGHTING CIRCUITS, REPRESENTATIVES OF THE STATE, THE MAINTAINING AGENCY, AND THE CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF THE OF THE EXISTING ROADWAY LIGHTING CIRCUITS TO BE MAINTAINED. DURING THIS INSPECTION A WRITTEN RECORD OF THE CONDITION OF THE EXISTING LIGHTING SHALL BE MADE BY THE STATE'S REPRESENTATIVE. THIS WRITTEN REPORT SHALL NOTE INDIVIDUAL LUMINAIRES WHICH ARE NOT STANDING, AND INDIVIDUAL CIRCUITS WHICH ARE NOT IN WORKING ORDER. THE COMPLETED REPORT SHALL BE SIGNED BY THE REPRESENTATIVES OF THE STATE, THE MAINTAINING AGENCY, AND THE CONTRACTOR.

IF, AS A RESULT OF THIS INSPECTION, IT IS DETERMINED THAT THE CONDITION OF THE EXISTING SYSTEM IS BELOW THAT REQUIRED FOR THE SAFETY OF THE TRAVELING PUBLIC, THEN THE MAINTAINING AGENCY SHALL MAKE REPAIRS NECESSARY TO RETURN THE SYSTEM TO AN ACCEPTABLE CONDITION. FOLLOWING THESE REPAIRS, THE SYSTEM SHALL AGAIN BE INSPECTED, AND A REPORT MADE AND SIGNED AS OUTLINED HEREIN.

WHEN THE EXISTING SYSTEM IS IN AN ACCEPTABLE CONDITION, IT SHALL BE TURNED OVER TO THE CONTRACTOR WHO SHALL THEN BE REQUIRED TO MAINTAIN THE EXISTING LIGHTING TO THE CONDITION OUTLINED IN THIS REPORT WITH THE EXCEPTION OF KNOCKDOWNS DUE TO TRAFFIC ACCIDENTS.

REPLACEMENT OF KNOCKED DOWN UNITS SHALL BE DONE ONLY WHEN THE ENGINEER HAS DETERMINED THAT THE REPLACEMENT OF THE KNOCKED DOWN UNIT IS NECESSARY AND SHALL BE PAID SEPARATELY ON A PER UNIT BASIS.

BETTERMENTS SHALL BE COVERED IN ITEMS OF WORK PERTAINING TO THE CONSTRUCTION OF PERMANENT IMPROVEMENTS. THE STATE SHALL GIVE THE CONTRACTOR ONE COPY OF THE EXISTING LIGHTING CIRCUITRY LAYOUT.

WHEN THE CONTRACTOR HAS TAKEN OVER THE MAINTENANCE OF THE EXISTING SYSTEM, THE CONTRACTOR SHALL PROVIDE ALL REQUIRED LAYOUT AND LOCATING OF EXISTING LIGHTING CIRCUITS WITHIN THE PROJECT.

PRIOR TO INSTALLING TEMPORARY LIGHTING THE CONTRACTOR SHALL SUBMIT A TEMPORARY LIGHTING PLAN TO THE ENGINEER.

THIS PLAN SHALL SHOW LOCATIONS OF POLES, LENGTHS OF BRACKET ARMS, STYLES OF LUMINAIRES, MOUNTING HEIGHTS, WIRING METHODS AND OTHER PERTINENT INFORMATION. THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 1.2 FOOTCANDLES WITH AN AVERAGE TO MINIMUM UNIFORMITY NOT TO EXCEED 3:1. MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET, AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "B" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THESE CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING.

ITEM 625 SPECIAL - MAINTAIN EXISTING LIGHTING (CONTINUED)

ALL MATERIALS NECESSARY TO COMPLETE THE TEMPORARY LIGHTING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. A SEPARATE POWER SERVICE WILL BE PROVIDED BY THE CONTRACTOR FOR THE TEMPORARY LIGHTING SYSTEM. THE TEMPORARY LIGHTING SHALL NOT BE SPLICED INTO EXISTING LIGHTING CIRCUITS. THE CONTRACTOR SHALL PAY ALL HOOK-UP FEES AND ELECTRICAL COSTS FOR THE TEMPORARY SYSTEM. THESE COSTS SHALL BE PAID FOR UNDER THE LUMP SUM ITEM SPECIAL MAINTAIN EXISTING LIGHTING. WHEN NO LONGER NEEDED THE TEMPORARY LIGHTING INSTALLATION SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

THE LUMP SUM BID FOR "ITEM SPECIAL - MAINTAIN EXISTING LIGHTING," SHALL INCLUDE PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, INCIDENTALS, AND TEMPORARY POWER SERVICES NECESSARY TO MAINTAIN THE EXISTING LIGHTING AS SPECIFIED HEREIN.

THE UNIT BID PRICE FOR EACH "ITEM SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT" SHALL BE FULL PAYMENT FOR THE REPLACEMENT OF AN EXISTING UNIT WHICH HAS BEEN KNOCKED DOWN AFTER THE AFOREMENTIONED INSPECTION AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO PROVIDE A REPLACEMENT FOR SUCH UNIT. THE FOLLOWING QUANTITIES ARE FOR USE AS DIRECTED BY THE DEPARTMENT'S ENGINEER.

ITEM SPECIAL- REPLACEMENT OF EX LIGHTING UNIT - 5 EA
ITEM SPECIAL- MAINTAIN EXISTING LIGHTING UNIT - LUMP

LANE VALUE CONTRACT (PN 127)

THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES AS DESIGNATED IN THE LANE VALUE CONTRACT TABLES/TIME LIMITATION NOTES FOR EACH UNIT OF TIME THE DESCRIBED CRITICAL LANE/RAMP IS RESTRICTED FROM FULL USE BY THE TRAVELING PUBLIC WITHIN THE RESTRICTED TIME PERIOD. THE LANE VALUE CONTRACT AMOUNT IS LOCATED IN THE TIME LIMITATION AND GENERAL MOT NOTES. THE DISINCENTIVES WILL BE ASSESSED FOR ALL RESTRICTIONS OF THE CRITICAL WORK.

CRITICAL WORK IS SHOWN IN THE LANE VALUE CONTRACT TABLE.

CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTIONS OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLE, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE WITH SPECIFIED STRIPING AND SAFETY FEATURES IN PLACE.

LANE VALUE CONTRACT TABLE

ROUTE	RESTRICTION/NUMBER OF LANES TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE $ PER TIME UNIT
I-475	2 LANES	WEEKDAYS: 6AM-9PM; WEEKENDS: 6AM-7PM	EACH MINUTE	$215
I-475 (AFTER 3 LANES OPEN IN ONE OR BOTH DIRECTIONS)	3 LANES	WEEKDAYS: 7-9AM AND 2-7PM; WEEKENDS: 3-6PM	EACH MINUTE	$215
	2 LANES	WEEKDAYS: 6AM-9PM; WEEKENDS: 6AM-7PM	EACH MINUTE	$215
PART 3: US-24	2 LANES	WEEKDAYS: 7-9AM AND 2-7PM; WEEKENDS: 3-6PM	EACH MINUTE	$215

ITEM 614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN

THIS ITEM SHALL CONSIST OF INSTALLING AND REMOVING GROUND MOUNTED 6"X8" SOLID WOOD POSTS. FIGURE 298-26 OF THE TRAFFIC ENGINEERING MANUAL(P. 2-219) SHOULD BE USED AS A GUIDE FOR INSTALLATION OF THE 6"X8" POSTS.

GRADE 2 SOUTHERN YELLOW PINE SHALL BE USED AND SHALL BE PRESSURE TREATED WITH CCA PRESERVATIVE.

PAYMENT WILL BE MADE PER UNIT PRICE BID PER EACH ITEM 614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN.

ITEM 614 MAINTAINING TRAFFIC, MISC.: SIGN (FLAT SHEET), AS PER PLAN

THIS ITEM CONSISTS OF INSTALLING AND REMOVING A FLAT SHEET SIGN APPROPRIATE FOR OUTDOOR USE. ATTACHMENT AND MOUNTING MATERIALS SHALL BE IN CONFORMANCE WITH NCHRP REPORT 350. SEE SHEETS 70-171 FOR LOCATION AND SIZES OF THE TEMPORARY SIGNAGE. THIS SIGNAGE IS TO BE REMOVED ONCE THE PERMANENT SIGNS HAVE BEEN PLACED ON THE OVERHEAD SIGN SUPPORTS.

PAYMENT WILL BE MADE PER UNIT PRICE BID PER SQUARE FOOT OF ITEM 614 MAINTAINING TRAFFIC, MISC.: SIGN (FLAT SHEET), AS PER PLAN.

CALCULATED BRO CHECKED DRJ

MAINTENANCE OF TRAFFIC GENERAL NOTES

LUC-475-01.85

SEQUENCE OF CONSTRUCTION

PID 95875 (MAINLINE I-475 WIDENING AND REPLACEMENT)

IT IS ASSUMED ALL DRAINAGE, LIGHTING, AND ANCILLARY ITEMS WILL BE CONSTRUCTED DURING THE PHASE THEY ARE LOCATED WITHIN.

SWITCHING BETWEEN PHASES SHALL BE COMPLETED DURING NIGHT TIME, WEEKEND OR OFF PEAK HOURS AS APPROVED BY THE ENGINEER.

SHOULDERS ON I-475 WILL REQUIRE CLOSING FOR INSTALLATION OF OVERHEAD AND GROUND MOUNTED SIGNS LOCATED OUTSIDE OF THE PROJECT LIMITS. TRAFFIC SHALL BE MAINTAINED PER MT-95.45.

THE CONTRACTOR HAS THE ABILITY TO DO ANY WORK CONCURRENTLY THAT WILL NOT IMPACT I-475 OR RAMP TRAFFIC BEYOND WHAT IS STATED IN THE PLANS AT ANY TIME.

THE PID 95875 PROJECT (WIDENING AND REPLACEMENT OF I-475) WILL BE CONSTRUCTED IN THREE MAIN PHASES:

PRE-PHASE 1

COMPLETE EARTHWORK AND TEMPORARY PAVEMENT ON THE SOUTHBOUND SIDE FROM STA. 51+11 TO 64+50. TWO LANES OF TRAFFIC SHALL BE MAINTAINED UTILIZING A SHOULDER CLOSURE PER STANDARD CONSTRUCTION DRAWING 95.45 DURING PERMITTED LANE CLOSURE TIMES.

PRE-PHASE 1A

AFTER PRE-PHASE 1, THE TWO SOUTHBOUND LANES SHALL BE SHIFTED TO THEIR PROPOSED PHASE 1 LOCATION TO ACCOMMODATE THE CONSTRUCTION OF TEMPORARY PAVEMENT IN THE MEDIAN, RAMP/MAINLINE CROSSOVERS AND PLACEMENT OF PORTABLE CONCRETE BARRIER WALL. TRAFFIC SHALL BE MAINTAINED PER STANDARD CONSTRUCTION DRAWINGS MT-95.30 AND MT-95.45. SINGLE LANE CLOSURES WILL BE PERMITTED IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE NOTE ON SHEET 33.

PHASE 1

TWO LANES OF TRAFFIC ON NB AND SB I-475 SHALL BE MAINTAINED AT ALL TIMES.

TWO NORTHBOUND LANES OF TRAFFIC SHALL BE CROSSED OVER TO THE SOUTHBOUND DIRECTION PER THE PLANS. PHASE 1 WOULD WIDEN AND RECONSTRUCT THE ENTIRE PORTION OF THE NORTHBOUND DIRECTION UP TO AND INCLUDING THE INTERMEDIATE COURSE.

THE NORTHBOUND MONCLOVA BRIDGE WOULD BE CONSTRUCTED DURING THIS PHASE. SEE SEQUENCE OF CONSTRUCTION NOTES ON THIS SHEET FOR PID 96482 PROJECT FOR ADDITIONAL DETAILS FOR THE MONCLOVA BRIDGE CONSTRUCTION.

IN THE VICINITY OF THE US 20A BRIDGE TRAFFIC WOULD BE SHIFTED TO THE OUTSIDE TO ALLOW FOR THE CONSTRUCTION OF THE SUB STRUCTURE. SEE SEQUENCE OF CONSTRUCTION NOTES ON SHEET 45 FOR PID 99731 PROJECT FOR ADDITIONAL DETAILS FOR US 20A CONSTRUCTION.

SEQUENCE OF CONSTRUCTION (CONT)

PHASE 1 (CONTINUED)

NEAR THE COMPLETION OF PHASE 1, SHORT TERM LANE CLOSURES WOULD BE REQUIRED TO RESURFACE AND WIDEN THE PAVEMENT ADJACENT TO THE MAUMEE RIVER BRIDGE IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE NOTE ON SHEET 33.

ALL RAMPS SHALL BE MAINTAINED DURING PHASE 1 WITH EXCEPTION OF THE I-475 NB ENTRANCE RAMP FROM US 24-WB WHICH SHALL BE CLOSED FOR THE DURATION OF PHASE 1 AND SHORT TERM CLOSURES FOR THE OTHER US 24 RAMPS FOR RESURFACING AND BARRIER REMOVAL AND REPLACEMENT. SEE PLANS FOR DETAILS. SEE DETOUR PLANS FOR THE DETOUR OF THE WESTBOUND US 24 NORTHBOUND ENTRANCE RAMP.

PHASE 2

TWO LANES OF TRAFFIC ON NB AND SB I-475 SHALL BE MAINTAINED AT ALL TIMES.

TWO SOUTHBOUND LANES OF TRAFFIC SHALL BE CROSSED OVER TO THE NORTHBOUND DIRECTION PER THE PLANS ON TO THE COMPLETED PHASE 1 PAVEMENT. PHASE 2 WOULD WIDEN AND RECONSTRUCT THE ENTIRE PORTION OF THE SOUTHBOUND DIRECTION UP TO AND INCLUDING THE INTERMEDIATE COURSE.

THE SOUTHBOUND MONCLOVA BRIDGE WOULD BE CONSTRUCTED DURING THIS PHASE. SEE SEQUENCE OF CONSTRUCTION NOTES ON THIS SHEET FOR PID 96482 PROJECT FOR ADDITIONAL DETAILS FOR THE MONCLOVA BRIDGE CONSTRUCTION.

IN THE VICINITY OF THE US 20A BRIDGE SEE SEQUENCE OF CONSTRUCTION NOTES ON SHEET 45 FOR PID 99731 PROJECT FOR ADDITIONAL DETAILS FOR US 20A CONSTRUCTION.

NEAR THE COMPLETION OF PHASE 2, SHORT TERM LANE CLOSURES WOULD BE REQUIRED TO RESURFACE AND WIDEN THE PAVEMENT ADJACENT TO THE MAUMEE RIVER BRIDGE IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE NOTE ON SHEET 33.

ALL RAMPS SHALL BE MAINTAINED DURING PHASE 2 WITH EXCEPTION I-475 SB ENTRANCE RAMPS FROM US-24 EB AND US-24 WB WHICH SHALL BE CLOSED FOR THE DURATION OF PHASE 2 AND SHORT TERM CLOSURES FOR US 24 RAMPS FOR RESURFACING AND BARRIER REMOVAL AND REPLACEMENT. SEE PLANS FOR DETAILS.

PHASE 3

PHASE 3 SHALL CONSIST OF THE PLACEMENT OF THE FINAL SURFACE COURSE AND PERMANANET PAVEMENT MARKINGS AS WELL AS ANY BARRIER REPLACEMENT WITHIN THE US 24 INTERCHANGE. A MINIMUM OF 2 LANES OF TRAFFIC IN EACH DIRECTION ON I-475 AND ALL RAMPS SHALL BE MAINTAINED AT ALL TIMES. TRAFFIC SHALL BE MAINTAINED PER MT-95.30, OMUTCD FIGURE 6H-37 AND MT-99.20. LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE NOTE ON SHEET 33.

PID 96482 - MAINTENANCE OF TRAFFIC FOR MONCLOVA ROAD UNDERNEATH IR-475

NO OTHER TRAFFIC RESTRICTIONS ON MONCLOVA ROAD WILL BE ALLOWED EXCEPT AS DESCRIBED BELOW.

MONCLOVA ROAD SHALL REMAIN COMPLETELY OPEN TO BOTH EASTBOUND AND WESTBOUND TRAFFIC WHEN US20A IS CLOSED FOR CONSTRUCTION. NO FLAGGING OPERATIONS WILL BE ALLOWED ON MONCLOVA ROAD WHEN US20A IS CLOSED FOR CONSTRUCTION.

WESTBOUND MONCLOVA ROAD - CLOSURES AND FLAGGING OPERATIONS

WESTBOUND MONCLOVA ROAD CLOSURES AND FLAGGING OPERATIONS WILL NOT BE LIMITED EXCEPT WHEN USR20A IS CLOSED AS NOTED ABOVE.

EASTBOUND MONCLOVA ROAD - CLOSURE

THE CONTRACTOR MAY CLOSE EASTBOUND MONCLOVA ROAD FOR THE NUMBER OF DAYS SHOWN IN TABLE 1 (THIS IS IN ADDITION TO THE ALLOWABLE FLAGGING DAYS). THE CONTRACTOR WILL BE PAID AN INCENTIVE FOR THE NUMBER OF ALLOWABLE CLOSURE DAYS NOT UTILIZED OR WILL BE ASSESSED A DISINCENTIVE FOR EACH DAY EXCEEDING THE ALLOWABLE CLOSURE DAYS. MULTIPLE CLOSURES ARE ALLOWED. COMPLETE CLOSURES OF MONCLOVA RD SHALL BE SPACED A MINIMUM OF 2 WEEKS APART REGARDLESS OF ANY SPECIFIC COMPLETE CLOSURE DURATION. CLOSURE DURATIONS IN TABLE 1 SHOW THE TOTAL CLOSURE DAYS ALLOWED FOR BOTH THE RIGHT AND LEFT STRUCTURES TOGETHER.

EASTBOUND MONCLOVA ROAD - FLAGGING OPERATIONS

THE CONTRACTOR MAY RESTRICT TRAFFIC WITH A FLAGGING OPERATION FOR THE NUMBER OF DAYS SHOWN IN TABLE 1 (THIS IS IN ADDITION TO THE ALLOWABLE CLOSURE DAYS). THE CONTRACTOR WILL BE PAID AN INCENTIVE FOR THE NUMBER OF ALLOWABLE FLAGGING DAYS NOT UTILIZED OR WILL BE ASSESSED A DISINCENTIVE FOR EACH DAY EXCEEDING THE ALLOWABLE FLAGGING DAYS.

FLAGGING DURATIONS IN TABLE 1 SHOW THE TOTAL FLAGGING DAYS ALLOWED FOR BOTH THE RIGHT AND LEFT STRUCTURES TOGETHER. FLAGGING FOR ANY PORTION OF THE DAY WILL COUNT AS A FULL FLAGGING DAY REGARDLESS OF THE ACTUAL FLAGGING DURATION.

STOPPAGE OF TRAFFIC BY FLAGGERS SHALL NOT EXCEED 5 MINUTES AT A TIME. ONCE THE 5-MINUTE INTERVAL IS COMPLETE, TRAFFIC SHALL BE ALLOWED TO FLOW UNTIL ALL QUEUED TRAFFIC HAS PASSED THROUGH THE PROJECT.

IF A FLAGGING OPERATION STOPS TRAFFIC FOR MORE THAN 5 MINUTES, DAMAGES IN THE AMOUNT OF $25 PER MINUTE WILL BE ASSESSED AND THAT DAY WILL COUNT AS CLOSURE DAY AS WELL AS A FLAGGING DAY.

FLAGGERS SHALL GIVE PRIORITY TO ALL EMERGENCY VEHICLES DURING FLAGGING OPERATIONS. WORK SHALL IMMEDIATELY CEASE WHEN THE TRAFFIC QUEUE CONTAINS AN EMERGENCY VEHICLE WITH EMERGENCY SIGNALS OPERATING. TRAFFIC SHALL BE RELEASED TO ALLOW THE EMERGENCY VEHICLE TO PASS.

DESCRIPTION OF CRITICAL WORK	DURATION	TIME PERIOD	DISINCENTIVE $ PER TIME PERIOD	INCENTIVE $ PER TIME PERIOD	MAXIMUM INCENTIVE $
COMPLETE CLOSURE OF MONCLOVA ROAD	70	CALENDAR DAYS	$5,000	$2,000	$20,000
FLAGGING OPERATIONS ON MONCLOVA ROAD	90	CALENDAR DAYS	$5,000	$500	$10,000

PID 96482 - MAINTENANCE OF TRAFFIC FOR MONCLOVA ROAD UNDERNEATH IR-475 (CONTINUED)

NOTIFICATION

COMPLETE CLOSURE AND FLAGGING OPERATIONS SHALL BE COMMUNICATED WITH MCLAREN ST. LUKE'S HOSPITAL, PROMEDICA TOLEDO HOSPITAL EMERGENCY AND URGENT CARE, AND LOCAL EMERGENCY/AMBULANCE SERVICES. THE PROJECT ENGINEER WILL COORDINATE THIS COMMUNICATION AND PROVIDE A LIST OF PARTIES TO BE INCLUDED. NOTIFICATION TIME FRAMES SHALL MEET THE REQUIREMENTS DETAILED IN THE NOTICE TO OFFICE OF COMMUNICATION TIME TABLE ON SHEET 33 .

CLOSURE AND FLAGGING COMMUNICATIONS WILL INCLUDE THE TIME OF DAY THAT THE RESTRICTION WILL BEGIN AND END. RESTRICTING THE ROADWAY PRIOR TO THE STATED TIME OF DAY OR EXTENDING A RESTRICTION PAST THE STATED TIME OF DAY WILL RESULT IN A $25/MINUTE DAMAGE.
THE CONTRACTOR SHALL USE PORTABLE MESSAGE BOARDS AT THE FOLLOWING LOCATIONS PRIOR TO AND DURING A CLOSURE/FLAGGING EVENT. THE PROJECT ENGINEER WILL PROVIDE MESSAGES TO BE USED.

MONCLOVA RD. AND N. JEROME ROAD
BRIARFIELD AND 20A
RUSSELL RD. AND FALLEN TIMBERS LANE

CALCULATED BRO CHECKED DRJ

MAINTENANCE OF TRAFFIC GENERAL NOTES

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10.PE01(2)\T0H0DT10.PE01\Drawing\99731\Design\MOT\Sheets\99731_MN004C.dgn Sheet 4/18/2022 10:50:0 AM sgault

SEQUENCE OF CONSTRUCTION (CONT)

PID 99731 (US 20A INTERCHANGE AND C-D ROADS)

ONE LANE IN EACH DIRECTION OF TRAFFIC ON US20A (ILLINOIS AVENUE) WILL BE MAINTAINED AT ALL TIMES WITH THE EXCEPTION AS STATED IN THE PHASING SUMMARY. DURING THAT TIME TRAFFIC SHALL BE DETOURED PER SHEET 202.

DUSSEL/SALISBURY RAMP TRAFFIC WILL BE MAINTAINED AT ALL TIMES WITH THE EXCEPTION OF THE PLACEMENT OF THE TEMPORARY PAVEMENT OVER A WEEKEND. DURING THAT TIME TRAFFIC SHALL BE DETOURED PER SHEET 201.

DUSSEL DRIVE/ SALISBURY ROAD TRAFFIC WILL NOT BE IMPACTED.

IT IS ASSUMED ALL DRAINAGE, SIDEWALK, TRAFFIC SIGNAL, LIGHTING, AND ANCILLARY ITEMS WILL BE CONSTRUCTED DURING THE PHASE THEY ARE LOCATED WITHIN.

SWITCHING BETWEEN PHASES SHALL BE COMPLETED DURING NIGHT TIME, WEEKEND OR OFF PEAK HOURS AS APPROVED BY THE ENGINEER. TRAFFIC SHALL BE MAINTAINED PER MT-97.10, MT-95.30 OR MT-95.31.

THE CONTRACTOR HAS THE ABILITY TO DO ANY WORK CONCURRENTLY THAT WILL NOT IMPACT DUSSEL/SALISBURY RAMPS AND US 20A TRAFFIC BEYOND WHAT IS STATED IN THE PLANS AT ANY TIME.

LOCAL TRAFFIC MAINTENANCE

ROADS THAT ARE PARTIALLY CLOSED DUE TO PART-WIDTH CONSTRUCTION WILL REMAIN OPEN TO LOCAL TRAFFIC. ACCESS WILL BE MAINTAINED TO ALL COMMERCIAL PROPERTIES FOR CUSTOMERS, DELIVERIES, ETC. FOR COMMERCIAL PROPERTIES WITH MULTIPLE DRIVE ENTRANCES, AT LEAST ONE DRIVE ENTRANCE SHALL BE ACCESSIBLE AT ALL TIMES.

PEDESTRIAN TRAFFIC MAINTENANCE

THERE ARE MINIMAL SECTIONS OF SIDEWALK, THEREFORE, WHEN IT BECOMES NECESSARY TO CLOSE A LENGTH OF SIDEWALK DUE TO CONSTRUCTION, A PEDESTRIAN DETOUR WILL NOT BE REQUIRED. THE SIDEWALK ON THE WEST SIDE OF BRIARFIELD BOULEVARD WILL BE MAINTAINED AT ALL TIMES WITH EXISTING PEDESTRIAN SIGNALS OR PROPOSED TEMPORARY ROUTE.

THE PID 99731 PROJECT (US 20A INTERCHANGE AND C-D ROAD TO DUSSEL/SALISBURY INTERCHANGE WILL BE CONSTRUCTED IN FOUR PHASES:

PHASE 1

THE TWO DUSSEL ROAD/SALISBURY ROAD EXIT RAMPS WILL REQUIRE TEMPORARY PAVEMENT TO MAINTAIN THE RAMPS DURING CONSTRUCTION PER THE PLANS. THE RAMPS ARE ALLOWED TO BE CLOSED DURING A WEEKEND FOR THE INSTALLATION OF THE TEMPORARY PAVEMENT PER THE DETOUR PLAN ON SHEET 201. THE PROJECT WILL MAINTAIN THE ENTRANCE RAMPS BY SHIFTING THE RAMP LANES AROUND WHILE CONSTRUCTING THE PROPOSED PAVEMENT. SEE PLAN SHEETS FOR DETAILS.

TRAFFIC ON US 20A WILL UTILIZE THE EXISTING PAVEMENT. CONSTRUCT THE OFFLINE PORTION OF INTERCHANGE, US 20A, THE SOUTHERN STRUCTURE, CD ROADS AND TEMPORARY PAVEMENT REQUIRED FOR PHASE 2. PAVEMENT WILL BE CONSTRUCTED UP THROUGH THE INTERMEDIATE COURSE.

SEQUENCE OF CONSTRUCTION (CONT)

PHASE 1 (CONT)

SHORT TERM FULL CLOSURE OF I-475 WILL BE REQUIRED FOR THE US 20A BRIDGE BEAM ERECTION. TRAFFIC ON I-475 WILL BE MAINTAINED PER MT-99.60 DURING THAT TIME. THE CONTRACTOR SHALL BE ALLOWED TO SET BEAMS BETWEEN MIDNIGHT AND 5AM. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF $75 PER MINUTE FOR EACH MINUTE ANY LANE REMAINS CLOSED.

DURING LENGTHENING OF THE EASTBOUND RIGHT TURN LANE ON US 20A AT THE BRIARFIELD BOULEVARD/ US 20A INTERSECTION, TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH MT-97.10. DURING NON-WORKING HOURS THE CONTRACTOR SHALL BACKFILL OR PROVIDE PROTECTION FOR ANY OPEN EXCAVATION EXCEEDING THE WORK ZONE DROP OFF DEPTH REQUIREMENTS FOR DRUMS.

TEMPORARY PAVEMENT CONSTRUCTION SHALL BE COMPLETED FOR FUTURE PHASES AS SHOWN ON THE US 20A PHASE 1 SHEETS. TWO-WAY TRAFFIC SHALL BE MAINTAINED DURING THIS OPERATION IN ACCORDANCE WITH MT-97.10.

THE PROPOSED 48" CULVERT CROSSING US 20A AT APPROXIMATE STATION 546+75 WILL BE BUILT DURING ONE WEEKEND CLOSURE PER THE DETOUR PLAN ON SHEET 202. THE CONTRACTOR MAY CONSTRUCT OTHER CROSSINGS DURING THE CLOSURE. THE REMAINING 42" DIAMETER AND SMALLER DRAINAGE CONDUIT CROSSINGS SHALL BE BORED OR JACKED. THE CONTRACTOR SHALL REPLACE THE PAVEMENT OF THE TRENCH DURING THE WEEKEND CLOSURE.

THE C-D ROADS AND DUSSEL/SALISBURY RAMP WORK FOR THE SIDE OF PHASE 1 OF THE MAINLINE PROJECT SHALL BE DONE CONCURRENTLY WITH THE MAINLINE.

PHASE 2

THE TWO DUSSEL ROAD/SALISBURY ROAD EXIT RAMPS WILL SHIFT TO THE NEW RAMPS AND COMPLETE THE REMAINING PORTIONS OF THE CD ROADS. THE PROJECT WILL MAINTAIN THE ENTRANCE RAMPS BY SHIFTING THE RAMP LANES WHILE CONSTRUCTING THE PROPOSED PAVEMENT. SEE PLAN SHEETS FOR DETAILS.

THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED PAVEMENT FOR THE NORTH SIDE OF US 20A AND SOUTHERN CROSSOVER PAVEMENT TO BE ABLE TO MOVE TWO LANES OF TRAFFIC TO THEM IN PHASE 3 AND THE TWO CROSSOVER LOCATIONS. PAVEMENT WILL BE CONSTRUCTED UP THROUGH THE INTERMEDIATE COURSE. TRAFFIC ON US 20A WILL BE DETOURED FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS. DURING THIS TIME TRAFFIC WILL BE DETOURED PER SHEET 202.

SEQUENCE OF CONSTRUCTION (CONT)

PHASE 3

US 20A TRAFFIC WILL BE SHIFTED TO THE NORTH SIDE OF THE PROPOSED PAVEMENT AND UTILIZE THE TWO CROSSOVERS. THE CONTRACTOR SHALL FINISH CONSTRUCTING THE SOUTH SIDE OF US20A AND THE NORTHERN CROSSOVER PAVEMENT. PAVEMENT WILL BE CONSTRUCTED UP THROUGH THE INTERMEDIATE COURSE. THE CONTRACTOR CAN ELECT TO PERFORM THE SURFACE COURSE FOR THE LIMITS OF PHASE 3.

CONSTRUCT THE NORTHERN BRIDGE AND REMOVE THE EXISTING BRIDGE. SHORT TERM FULL CLOSURE OF I-475 WILL BE REQUIRED FOR THE US 20A BRIDGE BEAM ERECTION AND REMOVAL. TRAFFIC ON I-475 WILL BE MAINTAINED PER MT-99.60 DURING THAT TIME. THE CONTRACTOR SHALL BE ALLOWED TO SET AND REMOVE BEAMS BETWEEN MIDNIGHT AND 5AM. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF $75 PER MINUTE FOR EACH MINUTE ANY LANE REMAINS CLOSED.

DUSSEL RD/SALISBURY RAMP TRAFFIC WILL BE ON THE MAINLINE PHASING DETAILS OR THEIR FINAL LOCATION.

PHASE 4

PLACEMENT OF THE FINAL SURFACE COURSE, REMOVAL OF TEMPORARY PAVEMENT AND PAVEMENT MARKINGS OVER THE ENTIRE PID 99731 PROJECT. TRAFFIC ON US 20A SHALL BE DETOURED IN ACCORDANCE WITH SHEET202 DURING PHASE 4 FOR A PERIOD NOT TO EXCEED 7 CONSECUTIVE CALENDAR DAYS.

TIME LIMITATION ON US 20A DETOUR

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON US 20A, EXCEPT FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS DURING PHASE 2 AND A PERIOD NOT TO EXCEED 7 CONSECUTIVE CALENDAR DAYS DURING PHASE 4 AS APPROVED BY THE ENGINEER, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET 202. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF $ 2,500 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

LEGEND

- WORK AREA
- PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR, PLACEMENT PER MT-101.75
- TYPE A WARNING LIGHT
- TEMPORARY SIGN SUPPORT
- CONSTRUCTION DRUM
- TYPE 3 BARRICADE
- PAVEMENT MARKING REMOVED
- DND — DO NOT DISTURB

- WEW — WORK ZONE EDGE LINE, CLASS I (WHITE)
- WEY — WORK ZONE EDGE LINE, CLASS I (YELLOW)
- WL — WORK ZONE LANE LINE, CLASS I
- WCL — WORK ZONE CENTER LINE, CLASS I
- WCH — WORK ZONE CHANNELIZING LINE, CLASS I
- WDW — WORK ZONE DOTTED LINE, CLASS I (WHITE)
- WDY — WORK ZONE DOTTED LINE, CLASS I (YELLOW)
- WS — WORK ZONE STOP LINE, CLASS I
- WCV — WORK ZONE CHEVRON MARKING, CLASS I
- TP — PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A
- PB — PORTABLE BARRIER
- WIA — IMPACT ATTENUATOR
- OV — SIGN, TEMPORARY OVERLAY
- PBY — PCB Y CONNECTOR

CALCULATED BRO CHECKED DRJ

GENERAL NOTES

MAINTENANCE OF TRAFFIC

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOH0DT10.PE01(2)\TOH0DT10.PE01\Drawing\9973\Design\MOT\Sheets\9973L_MN005.dgn Sheet 4/26/2022 11:54:8 AM sgault

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE) FT	614 WORK ZONE CENTER LINE, CLASS I(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" (YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 1																										
SN-101	70	10+01		RT		1	32																			
WCH-1	70	1+96.00	14+40.00	LT										782	782											
WCH-2	70	3+00.00	17+00.00	LT/RT										1348	1348											
WDW-1	70	5+08.00	9+13.00	RT												405		405								
WDW-2	70	1+95.00	14+40.00	LT												1245		1245								
WEW-1	70	14+40.00	16+40.00	LT						200	200															
WEW-2	70	14+40.00	17+00.00	LT						260	260															
WEW-3	70	3+00.00	5+08.00	RT						208	208															
WEW-4	70	9+13.00	17+00.00	RT						792	792															
WEW-5	70	9+13.00	11+25.00	RT						215	215															
WEY-1	70	5+33.00	17+00.00	LT								1167	1167													
WEY-2	70	3+00.00	17+00.00	LT/RT								1348	1348													
WIA-1	70	9+70.00		RT	1																					
WL-1	70	13+13.00	17+00.00	LT				387												387						
PB-1	70	5+08.00	14+45.00	RT/LT																						942
PB-2	70	9+80.00	17+00.00	RT																						725
PB-3	70	9+70.00	17+00.00	RT/LT																					1	735
PB-4	70	13+13.00	17+00.00	LT																				387		
TP-1	70	5+08.00	17+00.00	LT/RT																			2957			
SN-102	71	20+01		RT		1	32																			
WCH-1	71	17+00.00	18+03.00	LT										103	103											
WEW-1	71	17+00.00	31+00.00	LT						1400	1400															
WEW-2	71	17+00.00	31+00.00	LT						1400	1400															
WEY-1	71	17+00.00	31+00.00	LT								1400	1400													
WEY-2	71	17+00.00	31+00.00	LT								1400	1400													
WL-1	71	17+00.00	31+00.00	LT				1400												1400						
WL-2	71	18+03.00	31+00.00	LT				1297												1297						
PB-1	71	17+00.00	31+00.00	LT																				1400		
PB-2	71	17+00.00	31+00.00	LT																						1400
PB-3	71	17+00.00	31+00.00	LT																						1400
TP-1	71	17+00.00	31+00.00	LT																			2929			
SN-103	72	34+79		RT		1	32																			
WDW-1	72	41+97.00	42+50.00	LT										53	53											
WEW-1	72	31+00.00	42+50.00	LT						1150	1150															
WEW-2	72	31+00.00	41+43.00	LT						1043	1043															
WEW-3	72	34+42.00	42+50.00	LT & RT						821	821															
WEY-1	72	31+00.00	42+50.00	LT								1150	1150													
WEY-2	72	31+00.00	42+50.00	LT								1150	1150													
WEY-3	72	32+14.00	40+32.00	LT & RT								832	832													
WIA-1	72	34+97.00		RT	1																					
WL-1	72	31+00.00	42+50.00	LT				1150												1150						
WL-2	72	31+00.00	42+50.00	LT				1150												1150						
PB-1	72	31+00.00	42+50.00	LT																				1150		
PB-2	72	31+00.00	40+32.00	LT																						932
PB-3	72	35+07.00	36+30.00	LT & RT																					1	140
PB-4	72	34+97.00	42+50.00	LT & RT																						766
TP-1	72	31+00.00	42+50.00	LT & RT																			3259			
TP-2	72	34+88.00	38+27.00	RT										170	170								726			
WDW-1	73	45+43.00	50+13.00	LT												470		470								
WDW-2	73	42+50.00	48+50.00	LT												600		600								
WEW-1	73	42+50.00	45+43.00	LT						294	294															
WEW-2	73	48+50.00	55+00.00	LT						1250	1250															
WEW-3	73	50+13.00	55+00.00	LT						600	600															
WEY-1	73	42+50.00	55+00.00	LT								1250	1250													
WEY-2	73	42+50.00	55+00.00	LT								1250	1250													
TOTALS CARRIED TO SHEET				**69**	2	3	96	5384		9633	9633	10947	10947	2456	2456	2720		2720	5384			9871	2937	2	7040	

CALCULATED JRB CHECKED XXX

MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS001.dgn Sheet 4/29/2022 9:49:51 AM dkasemi

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE) FT	614 WORK ZONE CENTER LINE, CLASS I(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 1 CONTINUED																										
WL-1	73	42+50.00	55+00.00	LT				1250												1250						
WL-2	73	42+50.00	55+00.00	LT				1250												1250						
PB-1	73	42+50.00	55+00.00	LT																		1250				
PB-2	73	42+50.00	48+50.00	LT																						600
PB-3	73	53+78.00	55+00.00	LT																						122
PB-4	73	51+97.00	55+00.00	LT																						303
TP-1	73	42+50.00	48+50.00	LT																				1175		
TP-2	73	51+49.00	55+00.00	LT																				478		
TP-3	73	51+97.00	55+00.00	LT																				156		
WEW-1	74	55+00.00	80+00.00	LT						2500	2500															
WEW-2	74	55+00.00	80+00.00	LT						2500	2500															
WEY-1	74	55+00.00	80+00.00	LT								2500	2500													
WEY-2	74	55+00.00	80+00.00	LT								2500	2500													
WL-1	74	55+00.00	80+00.00	LT				2500												2500						
WL-2	74	55+00.00	80+00.00	LT				2500												2500						
PB-1	74	55+00.00	80+00.00	LT																						
PB-2	74	55+00.00	80+00.00	LT																						2502
TP-1	74	55+00.00	64+50.00	LT																				1417		
TP-2	74	55+00.00	80+00.00	LT																				4937		
WEW-1	75	80+00.00	100+00.00	LT						2000	2000															
WEW-2	75	80+00.00	100+00.00	LT						2000	2000	2000	2000													
WEY-1	75	80+00.00	100+00.00	LT								2000	2000													
WEY-2	75	80+00.00	100+00.00	LT																						
WL-1	75	80+00.00	100+00.00	LT				0												0						
WL-2	75	80+00.00	100+00.00	LT				0												0						
PB-1	75	80+00.00	100+00.00	LT																						
PB-2	75	80+00.00	100+00.00	LT																						2000
PB-3	75	95+00.00	100+00.00	LT																						500
TP-1	75	80+00.00	100+00.00	LT																				5829		
WEW-1	76	100+00.00	101+00.00	LT						100	100															
WEW-2	76	100+00.00	111+00.00	LT						1100	1100															
WEW-3	76	107+68.00	125+00.00	LT						1732	1732															
WEW-4	76	115+20.00	125+00.00	LT						980	980															
WEY-1	76	100+00.00	125+00.00	LT								2500	2500													
WEY-2	76	100+00.00	125+00.00	LT								2500	2500													
WL-1	76	100+00.00	125+00.00	LT				2500												2500						
WL-2	76	100+00.00	125+00.00	LT				2500												2500						
PB-1	76	100+00.00	100+30.00	LT																						30
PB-2	76	100+00.00	125+00.00	LT																						
PB-3	76	100+00.00	111+00.00	LT																						1100
PB-4	76	116+69.00	125+00.00	LT																						831
TP-1	76	100+00.00	125+00.00	LT																				6613		
WEW-1	77	125+00.00	137+50.00	LT						1250	1250															
WEW-2	77	125+00.00	137+50.00	LT						1250	1250															
WEY-1	77	125+00.00	137+50.00	LT								1250	1250													
WEY-2	77	125+00.00	137+50.00	LT								1250	1250													
WL-1	77	125+00.00	137+50.00	LT				1250												1250						
WL-2	77	125+00.00	137+50.00	LT				1250												1250						
PB-1	77	125+00.00	137+50.00	LT																						
PB-2	77	125+00.00	137+50.00	LT																						1250
TP-1	77	125+00.00	137+50.00	LT																				2943		
WEW-1	78	137+50.00	148+55.00	LT						1105	1105															
WEW-2	78	137+50.00	162+50.00	LT						2500	2500															
TOTALS CARRIED TO SHEET				**69**				15001		19017	19017	16500	16500							15001			23548	9500		9238

CALCULATED JRB
CHECKED XXX

MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS002.dgn Sheet 4/29/2022 9:49:51 AM dkasemi

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET)	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE)	614 WORK ZONE CENTER LINE, CLASS I(WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6"	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE)	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW)	614 WORK ZONE DOTTED LINE, CLASS I(WHITE)	614 WORK ZONE DOTTED LINE, CLASS I	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE STOP LINE, CLASS I	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	622 PORTABLE BARRIER, 50", AS PER PLAN	622 PORTABLE BARRIER, "Y" CONNECTOR	622 PORTABLE BARRIER, UNANCHORED	
					EACH	EACH	SF	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SY	FT	EACH	FT	
PID 99731 PHASE 1 CONTINUED																										
WEW-3	78	154+30.00	162+50.00	LT						820	820															
WEY-1	78	137+50.00	162+50.00	LT								2500	2500													
WEY-2	78	137+50.00	162+50.00	LT								2500	2500													
WL-1	78	137+50.00	162+50.00	LT				2500												2500						
WL-2	78	137+50.00	162+50.00	LT				2500												2500						
TP-1	78	137+50.00	162+50.00	LT																	6025					
PB-1	78	137+50.00	162+50.00	LT																		2500				
PB-2	78	137+50.00	162+50.00	LT																				2500		
SN-104	79	183+96		RT		2	58																			
WEW-1	79	162+50.00	187+50.00	LT						2500	2500															
WEW-2	79	162+50.00	178+03.00	LT						1553	1553															
WEY-1	79	162+50.00	187+50.00	LT								2500	2500													
WEY-2	79	162+50.00	187+50.00	LT								2500	2500													
WL-1	79	162+50.00	187+50.00	LT				2500												2500						
WL-2	79	162+50.00	187+50.00	LT				2500												2500						
PB-1	79	162+50.00	187+50.00	LT																		2500				
PB-2	79	162+50.00	166+04.00	LT																				354		
TP-1	79	162+50.00	163+02.00	LT																	126					
TP-2	79	177+02.00	187+50.00	LT																	2579					
WEW-1	80	187+50.00	201+00.00	LT						1350	1350															
WEW-2	80	196+48.00	201+00.00	LT						452	452															
WEY-1	80	187+50.00	201+00.00	LT								1350	1350													
WEY-2	80	187+50.00	201+00.00	LT								1350	1350													
WL-1	80	187+50.00	201+00.00	LT				1350												1350						
WL-2	80	187+50.00	201+00.00	LT				1350												1350						
PB-1	80	187+50.00	201+00.00	LT																		1350				
PB-2	80	196+48.00	201+00.00	LT																				452		
TP-1	80	187+50.00	201+00.00	LT																	3308					
SN-105	81	205+50		LT		2	58																			
SN-106	81	219+78		RT		2	58																			
SN-107	81	225+17		LT		1	32																			
WDW-1	81	218+56.00	223+47.00	LT												491		491								
WDW-2	81	221+26.00	226+00.00	LT												474		474								
WEW-1	81	201+00.00	226+00.00	LT						2500	2500															
WEW-2	81	201+00.00	226+00.00	LT/RT						2504	2504															
WEW-3	81	223+47.00	226+00.00	LT						253	253															
WEY-1	81	201+00.00	226+00.00	LT								2500	2500													
WEY-2	81	201+00.00	226+00.00	LT								2500	2500													
WL-1	81	201+00.00	226+00.00	LT				2500												2500						
WL-2	81	201+00.00	226+00.00	LT				2500												2500						
PB-1	81	201+00.00	226+00.00	LT																		2500				
PB-2	81	201+00.00	218+56.00	LT																				1756		
PB-3	81	224+67.00	226+00.00	LT																				133		
TP-1	81	201+00.00	226+00.00	LT & RT																	5878					
TP-2	81	225+53.00	226+00.00	RT																	31					
WDW-1	82	226+00.00	229+90.00	LT												390		390								
WEW-1	82	226+00.00	238+60.00	LT						1275	1275															
WEW-2	82	226+00.00	239+00.00	LT						1300	1300															
WEW-3	82	229+90.00	235+88.00	LT						599	599															
WEW-4	82	229+90.00	239+00.00	LT						910	910															
WEW-5	82	226+00.00	230+82.00	RT						486	486															
WEY-1	82	226+00.00	239+00.00	LT								1300	1300													
WEY-2	82	226+00.00	239+00.00	LT								1300	1300													
WEY-3	82	226+00.00	230+82.00	RT								486	486													
WEY-4	82	235+88.00	238+60.00	LT								293	293													
TOTALS CARRIED TO SHEET				**69**		7	206	17700		16502	16502	21079	21079			1355		1355		17700		17947	8850		5195	

CALCULATED JJ CHECKED DEK

TABLE OF TRAFFIC SUBSUMMARY - MAINTENANCE

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS003.dgn Sheet 4/29/2022 9:49:51 AM dkasemi

MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

CALCULATED JRB | CHECKED XXX

REF NO.	SHEET NO.	STATION TO STATION	SHEET	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" FT	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
		SUBTOTALS CARRIED FROM SHEET	58	2	3	96	5384		9633	9633	10947	10947	2456	2456	2720		2720	5384		9871	2937	2	7040	
		SUBTOTALS CARRIED FROM SHEET	59				15001		19017	19017	19000	19000						15001		23548	9500		9238	
		SUBTOTALS CARRIED FROM SHEET	60		7	206	17700		16502	16502	21079	21079			1355		1355	17700		17947	8850		5195	
		SUBTOTALS CARRIED FROM SHEET	61	2			8680	5000	22447	22447	18692	18692	1865	1865	1543		1543	8680		180	5000		7096	
		SUBTOTALS CARRIED FROM SHEET	62	3	8	238			7275	7275	4389	4389	750	750	420		420			4818	2052		4390	
		SUBTOTALS CARRIED FROM SHEET	62A		1	32			6634	6634	9014	9014	498	498	353		353			1878				
		SUBTOTALS CARRIED FROM SHEET	62B		1	32			6634	6634	9014	9014	498	498	353		353			1878				
		SUBTOTALS CARRIED FROM SHEET	62C		7	224	7510		15593	15593	11077	11077	2339	2339	1006		1006	7510		3112	3250		3160	
		SUBTOTALS CARRIED FROM SHEET	62D	1	4	96	21700		15585	15585	22033	22033						21700			8750		8897	
		SUBTOTALS CARRIED FROM SHEET	62E		1	32	13776		16362	16362	13987	13987	1046	1046	2004		2004	13776		1964	8750		5619	
		SUBTOTALS CARRIED FROM SHEET	62F		2	64	11721		17284	17284	19989	19989	5730	5730	1626		1626	11721		2171	6462	1	4078	
		SUBTOTALS CARRIED FROM SHEET	62G	1	13	325			11703	11703	8086	8086	1368	1368	1513	741	772	1		8245			55	
		SUBTOTALS CARRIED FROM SHEET	63	2	7	154			10566	10566	8108	8108	3796	3796	2396		2396			3024		1	4020	
		SUBTOTALS CARRIED FROM SHEET	64	6					11537	11537	9011	9011	1518	1518	2695		2695			4735		1	15277	
		SUBTOTALS CARRIED FROM SHEET	65	1					15124	15124	11324	11324	2670	2670	4120		4120			2542		1	9583	
		SUBTOTALS CARRIED FROM SHEET	66	2	7	146			7868	7868	3605	3605	4686	4686	3184		3184			2550		3	6367	
		SUBTOTALS CARRIED FROM SHEET	67	7				2450	8506	3949	3378	3378	445	350	420		420		47	1503		1	6320	
		SUBTOTALS CARRIED FROM SHEET	68	1			830	2950	4701				25		500	65			33				675	
		LINEAR TOTALS	FT				102302	10400	222971	213713	202733	202733	29690	29570	26208	806	24967	101473			55551			
		LINEAR TOTALS	MI				19.375	1.970	42.229	40.476	38.396	38.396	5.623	5.600	4.964	0.153	4.729	19.218			10.521			
		TOTALS CARRIED TO SHEET 208/208A		28	61	1645	19.38	1.97	82.705		76.793		11.223		5.116		23.947		80	89966	55551	10	97010	

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS004.dgn Sheet 4/29/2022 9:49:52 AM dkasemi

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE) FT	614 WORK ZONE CENTER LINE, CLASS I(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 1 CONTINUED																										
PB-1	85	276+00.00	301+00.00	LT/RT																			2052		452	
PB-2	85	279+35.00	288+71.00	LT																					936	
PB-3	85	292+00.00	299+76.00	LT/RT																					780	
TP-1	85	292+00.00	299+53.00	LT/RT																		1378				
WCH-1	86	301+00.00	304+75.00	RT										375	375											
WCH-2	86	301+00.00	304+75.00	RT										375	375											
WEW-1	86	301+00.00	304+75.00	RT						375	375															
WEY-1	86	301+00.00	308+67.00	LT								767	767													
WEY-2	86	301+00.00	304+75.00	RT								375	375													
WL-1	86	301+00.00	301+50.00	LT																						
PB-1	86	301+00.00	301+74.00	RT																					74	
PID 99731 PHASE 1A																										
SN-108	87	9+95		RT		1	32																			
WEW-1	87	7+54.00	17+50.00	RT						996	996															
WEY-1	87	9+13.00	17+50.00	RT								837	837													
WIA-1	87	7+17.00		RT	1																					
PB-1	87	7+17.00	11+45.00	RT																					428	
TP-1	87	17+21.00	17+50.00	RT																		48				
WEW-1	88	17+50.00	23+64.00	RT						738	738															
WEW-2	88	25+90.00	31+00.00	RT						556	556															
WEY-1	88	17+50.00	23+64.00	RT								738	738													
WEY-2	88	25+90.00	31+00.00	RT								556	556													
TP-1	88	17+50.00	20+00.00	RT																		410				
TP-2	88	20+00.00	22+24.00	RT																		399				
TP-3	88	25+90.00	27+08.00	RT																		189				
TP-4	88	27+08.00	29+19.00	RT																		345				
WEW-1	89	31+00.00	43+10.00	LT/RT						1157	1157															
WEY-1	89	31+00.00	35+91.00	LT/RT								498	498													
TP-1	89	31+73.00	33+56.00	RT																		195				
TP-2	89	32+84.00	40+13.00	LT/RT																		854				
WEW-1	91	111+00.00	116+79.00	LT						579	579															
WIA-1	91	100+30.00		LT	1																					
PB-1	91	95+00.00	100+30.00	LT																					530	
PB-2	91	111+00.00	116+79.00	LT																					579	
SN-109	94	188+70		RT		2	58																			
SN-110	95	215+00		LT		2	58																			
WEW-1	95	218+56.00	224+67.00	LT						611	611															
PB-1	95	218+56.00	224+67.00	LT																					611	
SN-111	96	228+30		LT		2	58																			
SN-112	96	234+00		RT		1	32																			
WDW-1	96	228+30.00	232+50.00	LT													420		420							
WEW-1	96	228+30.00	238+50.00	LT/RT						1038	1038															
WEY-1	96	232+50.00	238+50.00	LT/RT								618	618													
WIA-1	96	233+96.00		LT	1																					
TP-1	96	232+50.00	235+73.00	LT/RT																		419				
TP-2	96	235+73.00	237+50.00	RT																		302				
TP-3	96	237+50.00	238+50.00	RT																		279				
WEW-1	97	238+50.00	242+41.00	RT						463	463															
WEW-2	97	244+06.00	251+00.00	RT						762	762															
TOTALS CARRIED TO SHEET				**69**	3	8	238			7275	7275	4389	4389	750	750	420		420			4818	2052		4390		

CALCULATED JRB
CHECKED XXX

MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS005.dgn 4/29/2022 9:49:52 AM dkaseml

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE) FT	614 WORK ZONE CENTER LINE, CLASS I(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 1A CONTINUED																										
WEY-1	97	238+50.00	242+41.00	RT								463	463													
WEY-2	97	244+06.00	251+00.00	RT								762	762													
TP-1	97	238+50.00	242+41.00	RT																			351			
TP-2	97	244+06.00	245+86.00	RT																			232			
TP-3	97	245+86.00	247+60.00	RT																			343			
WEW-1	98	251+00.00	263+82.00	RT						1282	1282															
WEW-2	98	253+42.00	276+00.00	RT						2296	2296															
WEW-3	98	259+82.00	263+82.00	RT								400	400													
WEY-1	98	251+00.00	276+00.00	RT								2500	2500													
WEY-2	98	253+42.00	259+82.00	RT								1046	1046													
TP-1	98	253+42.00	257+33.00	RT																			453			
TP-2	98	257+33.00	259+82.00	RT																			499			
WEW-1	99	276+00.00	299+77.00	RT						2377	2377															
WEY-1	99	276+00.00	304+75.00	RT								2875	2875													
WCW-1	99	299+77.00	304+75.00	RT										498	498											
PID 99731 PHASE 1B																										
SN-113	100	9+92		RT		1	32																			
WEW-1	100	16+75.00	20+04.00	RT						359	359															
WEW-2	100	27+69.00	31+00.00	RT						320	320															
WEY-1	100	16+75.00	20+54.00	RT								359	359													
WEY-2	100	27+69.00	31+00.00	RT								320	320													
WDW-1	101	30+89.00	34+42.00	RT												353		353								
WEY-1	101	31+00.00	33+89.00	RT								289	289													
TOTALS CARRIED TO SHEET				**69**		1	32			6634	6634	9014	9014	498	498	353		353				1878				

CALCULATED JRB
CHECKED XXX

TABLE OF TRAFFIC SUBSUMMARY - MAINTENANCE OF TRAFFIC

LUC-475-0.09

62A
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS006.dgn Sheet 4/29/2022 9:49:53 AM dkasemi

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET)	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE)	614 WORK ZONE CENTER LINE, CLASS I(WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6"	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE)	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW)	614 WORK ZONE DOTTED LINE, CLASS I(WHITE)	614 WORK ZONE DOTTED LINE, CLASS I	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE STOP LINE, CLASS I	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	622 PORTABLE BARRIER, 50", AS PER PLAN	622 PORTABLE BARRIER, "Y" CONNECTOR	622 PORTABLE BARRIER, UNANCHORED	
					EACH	EACH	SF	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SY	FT	EACH	FT	
PID 99731 PHASE 2																										
WCH-1	102	6+85	14+73	RT										788	788											
WCH-2	102	6+85	14+73	RT										416	416											
WDW-1	102	5+26	5+85	RT												158		158								
WEW-1	102	4+00	16+50	LT & RT						1261	1261															
WEW-2	102	4+00	14+73	RT						1063	1063															
WEW-3	102	14+73	16+50	RT						177	177															
WEY-1	102	4+00	16+50	LT & RT								1260	1260													
WEY-2	102	4+00	16+50	RT								1250	1250													
WL-1	102	4+00	16+50	LT & RT				1260												1260						
WL-2	102	4+00	16+50	RT				1250												1250						
TP-1	102	6+66	14+80	LT & RT																	1364					
PB-1	102	9+01	16+50	RT																		750				
PB-2	102	9+92	16+50	LT & RT																				660		
SN-114	103	25+50		LT		1	32																			
WEW-1	103	16+50	29+00	RT						1250	1250															
WEW-2	103	16+50	29+00	RT						1250	1250															
WEW-3	103	25+65	29+00	LT						342	342															
WEY-1	103	16+50	29+00	RT								1250	1250													
WEY-2	103	16+50	29+00	RT								1250	1250													
WEY-3	103	26+52	29+00	LT								250	250													
WL-1	103	16+50	29+00	RT				1250												1250						
WL-2	103	16+50	29+00	RT				1250												1250						
PB-1	103	16+50	29+00	RT																		1250				
PB-2	103	16+50	29+00	RT																				1250		
SN-115	104	39+56		LT		1	32																			
WDW-1	104	40+23	41+50	LT												132		132								
WEW-1	104	29+00	41+50	RT						1250	1250															
WEW-2	104	29+00	41+50	RT						1250	1250															
WEW-3	104	20+00	25+96	-						597	597															
WEW-4	104	29+00	40+23	LT						1184	1184															
WEW-5	104	26+43	41+50	RT						1505	1505															
WEY-1	104	29+00	41+50	RT								1250	1250													
WEY-2	104	29+00	41+50	RT								1250	1250													
WEY-3	104	20+00	24+65	RT								470	470													
WEY-4	104	29+00	41+50	LT								1317	1317													
WEY-5	104	26+43	41+50	RT								1530	1530													
WL-1	104	29+00	41+50	RT				1250												1250						
WL-2	104	29+00	41+50	RT				1250												1250						
PB-1	104	29+00	41+50	RT																		1250				
PB-2	104	29+00	41+50	RT																				1250		
TP-1	104	203+40	203+81	LT & RT																	40					
TP-2	104	200+00	203+40	LT & RT																	911					
TP-3	104	21+59	24+07	LT & RT																	545					
TP-4	104	20+00	21+59	LT & RT																	252					
SN-116	105	42+82		RT		1	32																			
SN-117	105	47+25		RT		2	64																			
SN-118	105	60+50		RT		2	64																			
WCH-1	105	48+78	56+18	RT										741	741											
WCH-2	105	52+24	56+18	RT										394	394											
WDW-1	105	44+08	47+91	RT												384		384								
WDW-2	105	56+18	59+50	RT												332		332								
WEW-1	105	41+50	44+08	LT						258	258															
WEW-2	105	47+91	62+50	LT						1459	1459															
WEW-3	105	41+50	62+50	RT						2100	2100															
WEW-4	105	41+50	47+91	LT						647	647															
TOTALS CARRIED TO SHEET				**69**		7	224	7510		15593	15593	11077	11077	2339	2339	1006		1006	7510		3112	3250		3160		

CALCULATED DEK
CHECKED XXX

TABLE OF TRAFFIC SUBSUMMARY - MAINTENANCE

LUC-475-0.09

62B
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS007.dgn Sheet 4/29/2022 9:49:53 AM dkaseml

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET)	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE)	614 WORK ZONE CENTER LINE, CLASS I(WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6"	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE)	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW)	614 WORK ZONE DOTTED LINE, CLASS I(WHITE)	614 WORK ZONE DOTTED LINE, CLASS I	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE STOP LINE, CLASS I	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	622 PORTABLE BARRIER, 50", AS PER PLAN	622 PORTABLE BARRIER, "Y" CONNECTOR	622 PORTABLE BARRIER, UNANCHORED	
					EACH	EACH	SF	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SY	FT	EACH	FT	
		PID 99731 PHASE 2 CONTINUED																							
WEW-5	105	41+92	48+53	RT						662	662														
WEW-6	105	41+23	48+53	RT						731	731														
WEW-7	105	48+78	62+50	RT						1373	1373														
WEY-1	105	41+50	62+50	RT								2100	2100												
WEY-2	105	41+50	62+50	RT								2100	2100												
WEY-3	105	203+81	207+14	LT								333	333												
WL-1	105	41+50	62+50	RT				2100												2100					
WL-2	105	41+50	62+50	RT				2100												2100					
WIA-1	105	43+00		RT	1																				
PB-1	105	41+50	43+00	RT																				150	
PB-2	105	51+75	62+50	RT																				1075	
PB-3	105	41+50	62+50	RT																				2100	
SN-119	106	66+00		RT		2	32																		
WEW-1	106	62+50	62+89	RT						39	39														
WEW-2	106	62+50	75+00	RT						1250	1250														
WEY-1	106	62+50	75+00	RT								1250	1250												
WEY-2	106	62+50	75+00	RT								1250	1250												
WL-1	106	62+50	75+00	RT				1250												1250					
WL-2	106	62+50	75+00	RT				1250												1250					
PB-1	106	62+50	75+00	RT																		1250			
PB-2	106	62+50	75+00	RT																				1250	
SN-120	107	86+70		RT		2	64																		
WEW-1	107	79+52	100+00	RT						2048	2048														
WEW-2	107	75+00	87+53	RT						1253	1253														
WEY-1	107	75+00	100+00	RT								2500	2500												
WEY-2	107	75+00	100+00	RT								2500	2500												
WL-1	107	75+00	100+00	RT				2500												2500					
WL-2	107	75+00	100+00	RT				2500												2500					
PB-1	107	75+00	100+00	RT																		2500			
PB-2	107	75+00	87+53	RT																				1253	
WEW-1	108	106+69	125+00	RT						1831	1831														
WEW-2	108	100+00	125+00	RT						2500	2500														
WEY-1	108	100+00	125+00	RT								2500	2500												
WEY-2	108	100+00	125+00	RT								2500	2500												
WL-1	108	100+00	125+00	RT				2500												2500					
WL-2	108	100+00	125+00	RT				2500												2500					
PB-1	108	100+00	125+00	RT																		2500			
PB-2	108	106+81	125+00	RT																				1819	
WEW-1	109	125+00	137+50	RT						1250	1250														
WEW-2	109	125+00	137+50	RT						1250	1250														
WEY-1	109	125+00	137+50	RT								1250	1250												
WEY-2	109	125+00	137+50	RT								1250	1250												
WL-1	109	125+00	137+50	RT				1250												1250					
WL-2	109	125+00	137+50	RT				1250												1250					
PB-1	109	125+00	137+50	RT																		1250			
PB-2	109	125+00	137+50	RT																				1250	
WEW-1	110	137+50	138+98	RT						148	148														
WEW-2	110	137+50	150+00	RT						1250	1250														
WEY-1	110	137+50	150+00	RT								1250	1250												
WEY-2	110	137+50	150+00	RT								1250	1250												
WL-1	110	137+50	150+00	RT				1250												1250					
WL-2	110	137+50	150+00	RT				1250												1250					
PB-1	110	137+50	150+00	RT																		1250			
TOTALS CARRIED TO SHEET				**69**	1	4	96	21700		15585	15585	22033	22033							21700		8750		8897	

CALCULATED DEK
CHECKED XXX

LUC-475-0.09

MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

62C
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS008.dgn Sheet 4/29/2022 9:49:54 AM dkaseml

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE) FT	614 WORK ZONE CENTER LINE, CLASS I(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 2 CONTINUED																										
PB-2	110	137+50	150+00	RT																					1250	
WEW-1	111	150+00	175+00	RT						1904	1904															
WEW-2	111	164+21	175+00	RT						1079	1079															
WEY-1	111	150+00	175+00	RT								2500	2500													
WEY-2	111	150+00	175+00	RT								2500	2500													
WL-1	111	150+00	175+00	RT				2500														2500				
WL-2	111	150+00	175+00	RT				2500														2500				
PB-1	111	150+00	175+00	RT																				2500		
PB-2	111	150+00	175+00	RT																					977	
WEW-1	112	175+00	200+00	RT						2500	2500															
WEW-2	112	175+00	200+00	RT						2500	2500															
WEY-1	112	175+00	200+00	RT								2500	2500													
WEY-2	112	175+00	200+00	RT								2500	2500													
WL-1	112	175+00	200+00	RT				2500														2500				
WL-2	112	175+00	200+00	RT				2500														2500				
PB-1	112	175+00	200+00	RT																				2500		
PB-2	112	175+00	200+00	RT																					2500	
WCH-1	113	221+00	222+36	RT										136	136											
WCH-2	113	30+00	31+70	RT										170	170											
WDW-1	113	203+20	210+35	RT												715		715								
WEW-1	113	200+00	225+00	RT						2500	2500															
WEW-2	113	200+00	225+00	LT & RT						2507	2507															
WEW-3	113	222+36	225+00	RT						264	264															
WEY-1	113	200+00	225+00	RT								2500	2500													
WEY-2	113	200+00	225+00	RT								2500	2500													
WEY-3	113	222+70	225+00	LT & RT								237	237													
WL-1	113	200+00	225+00	RT				2500														2500				
WL-2	113	200+00	225+00	RT				2500														2500				
WL-3	113	210+35	221+00	RT				1065														1065				
PB-1	113	200+00	225+00	RT																				2500		
PB-2	113	200+00	225+00	LT & RT																					1071	
TP-1	113	204+43	224+09	LT & RT																			1964			
WCH-1	114	233+11	236+85	RT										365	365											
WCH-2	114	233+11	236+85	RT										375	375											
WDW-1	114	226+80	231+00	RT												420		420								
WEW-1	114	225+00	236+85	RT						1185	1185															
WEW-2	114	225+00	237+50	RT						1250	1250															
WEW-3	114	225+00	237+50	LT						1257	1257															
WEW-4	114	236+75	237+50	RT						75	75															
WEY-1	114	225+00	237+50	RT								1250	1250													
WEY-2	114	225+00	237+50	RT								1250	1250													
WEY-3	114	225+00	237+50	RT								1250	1250													
WL-1	114	225+00	237+50	LT				1250														1250				
WL-2	114	225+00	237+50	RT				1250														1250				
WL-3	114	231+00	233+11	RT				211														211				
PB-1	114	225+00	237+50	RT																				1250		
PB-2	114	225+00	237+50	RT																					1071	
SN-121	115	245+20		LT		1	32																			
WCH-1	115	245+25	250+00	RT												479		479								
WCH-2	115	246+10	250+00	RT												390		390								
WEW-1	115	237+50	239+38	LT						214	214															
WEW-2	115	237+50	246+10	RT						860	860															
WEW-3	115	243+35	250+00	RT						1250	1250															
TOTALS CARRIED TO SHEET				**69**		1	32	13776		16362	16362	13987	13987	1046	1046	2004		2004	13776			1964	8750		5619	

CALCULATED DEK
CHECKED XXX

LUC-475-0.09 MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

62D
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS009.dgn Sheet 4/29/2022 9:49:54 AM dkaseml

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" (WHITE) FT	614 WORK ZONE CENTER LINE, CLASS I(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6" FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"(WHITE) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 2 CONTINUED																										
WEW-4	115	243+41	250+00	RT						671	671															
WEW-5	115	245+30	250+00	RT						474	474															
WEY-1	115	237+50	239+45	LT								221	221													
WEY-2	115	237+50	250+00	RT								1250	1250													
WEY-3	115	237+50	250+00	RT								1250	1250													
WEY-4	115	243+35	250+00	LT								677	677													
WL-1	115	237+50	250+00	RT				1250													1250					
WL-2	115	237+50	250+00	RT				1250													1250					
PB-1	115	237+50	250+00	RT																			1250			
PB-2	115	237+50	250+00	RT																						1250
SN-122	116	266+70		LT		1	32									440	440									
WCH-1	116	250+00	256+40	RT										440	440											
WCH-2	116	250+00	256+40	RT										440	440											
WCH-3	116	258+49	262+93	RT										447	447											
WCH-4	116	258+50	262+93	RT										445	445											
WCH-5	116	258+27	261+36	LT										311	311											
WCH-6	116	258+25	261+36	LT										312	312											
WDW-1	116	256+40	258+50	RT												411		411								
WDW-2	116	261+36	266+70	LT												527		527								
WDW-3	116	268+13	275+00	RT												688		688								
WEW-1	116	250+00	275+00	RT						2504	2504															
WEW-2	116	256+29	275+00	RT						1884	1884															
WEW-3	116	255+51	275+00	LT						1525	1525															
WEW-4	116	250+00	258+25	LT						1943	1943															
WEY-1	116	250+00	275+00	RT								2504	2504													
WEY-2	116	250+00	275+00	RT								2504	2504													
WEY-3	116	265+27	258+49	RT								226	226													
WEY-4	116	257+71	258+27	LT								54	54													
WEY-5	116	250+00	275+00	LT								2492	2492													
WL-1	116	250+00	275+00	RT				2500													2500					
WL-2	116	250+00	275+00	RT				2500													2500					
WL-3	116	262+93	268+13	RT																						
PB-1	116	250+00	275+00	RT																			2506			
PB-2	116	250+00	270+51	RT																						2056
SN-123	117	298+60		LT		1	32																			
WCH-1	117	292+00	305+00	LT & RT										1305	1305											
WCH-2	117	297+75	305+00	RT										1305	1305											
WCH-3	117	297+75	305+00	RT										725	725											
WEW-1	117	275+00	300+21	RT						2521	2521															
WEW-2	117	275+00	292+00	RT						1700	1700															
WEW-3	117	275+00	305+00	LT						3000	3000															
WEY-1	117	275+00	308+67	RT								3368	3368													
WEY-2	117	275+00	305+00	LT & RT								3168	3168													
WEY-3	117	275+00	297+75	LT								2275	2275													
WL-1	117	275+00	300+21	RT				2521													2521					
WL-2	117	275+00	292+00	RT				1700													1700					
PB-1	117	275+00	302+06	RT																			2706			
PB-2	117	292+00	299+68	LT & RT																				1	772	
PB-3	117	292+00	297+96	LT & RT																						
TP-1	117	300+00	306+88	LT & RT																		1300				
PID 99731 PHASE 2A																										
WEW-1	119	24+23	29+00	LT						526	526															
WEY-1	119	24+14	29+00	LT						536	536															
TP-1	119	10+00	14+40	LT & RT																		871				
TOTALS CARRIED TO SHEET				**69**		2	64	11721		17284	17284	19989	19989	5730	5730	1626		1626	11721		2171	6462	1	4078	

CALCULATED DEK CHECKED XXX

MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

LUC-475-0.09

62E
855

I:\Project Data\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS010.dgn Sheet 4/29/2022 9:49:55 AM dkosemi

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" MILE	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT MILE	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 US 20A PHASE 3																										
PB-1	$MP904	560+00.00	566+75.00	LT																					675	
WEW-1	$MP904	560+00.00	570+00.00	LT						1000																
WEW-2	$MP904	560+00.00	570+00.00	LT						1000																
WCL-1	$MP904	560+00.00	570+00.00	LT					1000																	
WIA-1	$MP904	566+75.00		LT	1																					
WEW-1	$MP905	570+00.00	580+00.00	LT						1000																
WEW-2	$MP905	570+00.00	577+15.00	LT & RT						715																
WEW-3	$MP905	577+54.00	580+00.00	RT						246																
WCL-1	$MP905	570+00.00	577+00.00	LT					700																	
WCL-2	$MP905	577+65.00	580+00.00	LT					235																	
WCL-3	$MP905	578+95.00	580+00.00	LT					105																	
WDY-1	$MP905	577+00.00	577+65.00	LT														65								
WS-1	$MP905	577+30.00	577+41.00	RT																		12				
WS-2	$MP905	577+39.00	577+60.00	RT																		21				
WCH-1	$MP905	577+39.00	577+41.00	RT										25												
WDW-1	$MP905	578+45.00	580+00.00	LT												155										
WL-1	$MP905	578+95.00	580+00.00	RT				105																		
WEW-1	$MP906	580+00.00	583+45.00	LT						345																
WEW-2	$MP906	580+00.00	583+95.00	RT						395																
WDW-1	$MP906	580+00.00	583+45.00	LT												345										
WCL-1	$MP906	580+00.00	584+55.00	LT					455																	
WCL-2	$MP906	580+00.00	584+55.00	LT & RT					455																	
WL-1	$MP906	580+00.00	585+35.00	RT				535																		
WL-2	$MP906	583+45.00	585+35.00	LT				190																		
TOTALS CARRIED TO SHEET				**69**	1			830	2950	4701				25		500	65				33				675	

CALCULATED DEK
CHECKED XXX

TABLE OF TRAFFIC SUBSUMMARY - MAINLINE

MAINTENANCE

LUC-475-0.09

62F
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS011.dgn Sheet 4/29/2022 9:49:55 AM dkasemi

MAINTENANCE OF TRAFFIC SUBSUMMARY

CALCULATED TB
CHECKED DRJ

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, UNIDIRECTIONAL	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN	614 MAINTAINING TRAFFIC, MISC.: SIGN (FLAT SHEET)	614 WORK ZONE LANE LINE, CLASS I, 4"	614 WORK ZONE CENTER LINE, CLASS I	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW)	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE)	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW)	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE)	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE STOP LINE, CLASS I	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	622 PORTABLE BARRIER, 50", AS PER PLAN	622 PORTABLE BARRIER, "Y" CONNECTOR	622 PORTABLE BARRIER, UNANCHORED	
					EACH	EACH	SF	MILE	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	MILE	FT	SY	FT	EACH	FT	
PID 99731 PHASE 1																										
SN-1	131	56+00.00		RT		2	32																			
SN-2	131	56+00.00		RT			6																			
SN-3	131	82+50.00		RT		2	32																			
SN-4	131	82+50.00		RT			6																			
WCH-1	131	108+31.00	111+56.00	LT										325	325											
WCH-2	131	108+31.00	111+56.00	LT										325	325											
SN-5	131	109+00.00		RT		2	40																			
SN-6	131	109+00.00		RT			6																			
WCH-3	131	115+21.00	116+96.00	RT										175	175											
WCH-4	131	115+21.00	116+96.00	RT										175	175											
WCH-5	131	117+66.00	124+06.00	LT										640	640											
WCH-6	131	117+66.00	124+06.00	LT										640	640											
WEY-1	131	111+56.00	125+00.00	LT								1344	1344													
WEY-2	131	116+96.00	125+00.00	RT								804	804													
WEY-3	131	124+06.00	125+00.00	LT								94	94													
WEW-1	131	100+51.00	125+00.00	LT						2449	2449															
WEW-2	131	111+00.00	125+00.00	RT						1400	1400															
WEW-3	131	124+06.00	125+00.00	LT						94	94															
PB-1	131	111+00.00	125+00.00	RT																					1400	
PB-2	131	116+69.00	121+71.00	RT																				1	502	
WDW-1	131	100+51.00	108+31.00	LT												780		780								
WDW-2	131	111+56.00	117+66.00	LT												610		610								
WDW-3	131	111+00.00	115+21.00	RT												421		421								
WIA-1	131	116+69.00		RT	1																					
TP-1	131	111+00.00	119+05.00	RT																	1189					
SN-7	131	117+00.00		RT		1	32																			
TR-2	131	123+56.00	125+00.00	RT																	1118					
WEY-1	132	125+00.00	127+88.00	LT								288	288													
WEY-2	132	125+00.00	129+16.00	LT								416	416													
WEY-3	132	125+00.00	127+73.00	RT								273	273													
WEY-4	132	130+74.00	137+50.00	RT								676	676													
WEW-1	132	125+00.00	127+84.00	LT						284	284															
WEW-2	132	125+00.00	129+16.00	LT						416	416															
WEW-3	132	125+00.00	127+45.00	RT						245	245															
WEW-4	132	130+74.00	137+50.00	RT						676	676															
PB-1	132	125+00.00	127+17.00	RT																					217	
PB-2	132	130+99.00	137+50.00	RT																					651	
TP-1	132	125+00.00	127+45.00	RT																	717					
WIA-1	132	130+99.00		RT	1																					
PB-1	133	137+50.00	150+00.00	RT																					1250	
WEY-1	133	137+50.00	150+00.00	RT								1250	1250													
WEY-2	133	139+67.00	142+13.00	RT								246	246													
WEY-3	133	144+13.00	146+30.00	LT								217	217													
WEW-1	133	137+50.00	142+13.00	RT						463	463															
WEW-2	133	139+72.00	150+00.00	RT						1028	1028															
WEW-3	133	144+19.00	150+00.00	LT						581	581															
WCH-1	133	142+13.00	147+46.00	RT										533	533											
WCH-2	133	142+13.00	147+46.00	RT										533	533											
WCH-3	133	146+30.00	148+55.00	LT										225	225											
WCH-4	133	146+30.00	148+55.00	LT										225	225											
WDW-1	133	147+46.00	150+00.00	RT												254		254								
WDW-2	133	148+55.00	150+00.00	LT												145		145								
WEW-1	134	150+00.00	175+00.00	RT						2500	2500															
WEW-2	134	150+00.00	154+30.00	LT						430	430															
WEY-1	134	150+00.00	175+00.00	RT								2500	2500													
WDW-1	134	150+00.00	151+86.00	RT												186		186								
TOTALS CARRIED TO SHEET				69	2	7	154			10566	10566	8108	8108	3796	3796	2396		2396			3024		1	4020		

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10.PE01(2)\T0H0DT10.PE01\Drawing\9973\Design\MOT\Sheets\9973L_MS001.dgn Sheet 4/20/2022 3:55:00 PM sgault

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET)	614 WORK ZONE LANE LINE, CLASS I, 4"	614 WORK ZONE CENTER LINE, CLASS I	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(WHITE)	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW)	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW)	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12"	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE)	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW)	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE)	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	614 WORK ZONE STOP LINE, CLASS I	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	622 PORTABLE BARRIER, 50", AS PER PLAN	622 PORTABLE BARRIER, "Y" CONNECTOR	622 PORTABLE BARRIER, UNANCHORED	
					EACH	EACH	SF	MILE	FT	FT	FT	FT	FT	FT	FT	FT	FT	MILE	FT	SY	FT	EACH	FT	
PID 99731 PHASE 1 CONTINUED																								
WDW-2	134	150+00.00	154+30.00	LT												430		430						
PB-1	134	150+00.00	175+00.00	RT																				2500
PB-2	134	172+92.00	175+00.00	RT																				208
WIA-1	134	172+92.00		RT	1																			
TP-1	135	174+33.00	196+48.00	LT																2523				
WEW-1	135	175+00.00	196+48.00	LT						2148	2148													
PB-1	135	175+00.00	196+48.00	RT																				2148
PB-2	135	175+00.00	175+40.00	RT																				40
WEY-1	135	175+00.00	176+28.00	LT								128	128											
WCH-1	135	176+28.00	178+03.00	LT										175	175									
WCH-2	135	176+28.00	178+03.00	LT										175	175									
WDW-1	135	178+03.00	196+48.00	LT												1845		1845						
PID 99731 PHASE 1A																								
WEW-1	136	64+00.00	75+00.00	RT						1100	1100													
WDW-1	136	64+00.00	68+20.00	RT												420		420						
WCH-1	136	68+20.00	69+95.00	RT										175	175									
WCH-2	136	68+20.00	69+95.00	RT										175	175									
WIA-1	136	69+74.00		LT	1																			
TP-1	136	64+00.00	72+24.00	RT																1207				
PB-1	136	64+00.00	74+29.00	RT																				1029
PB-2	136	69+74.00	75+00.00	RT																		1		526
WEY-1	136	69+95.00	75+00.00	RT								505	505											
WEW-1	137	75+00.00	100+00.00	RT						2500	2500													
PB-1	137	75+00.00	100+00.00	RT																				2500
WEY-1	137	75+00.00	100+00.00	RT								2500	2500											
WEW-1	138	100+00.00	125+00.00	RT						2500	2500													
PB-1	138	100+00.00	125+00.00	RT																				2500
WEY-1	138	100+00.00	125+00.00	RT								2500	2500											
WEW-1	139	125+00.00	126+22.00	RT						122	122													
WEW-2	139	127+60.00	137+50.00	RT						990	990													
WEW-3	139	136+64.00	137+50.00	RT						86	86													
WEY-1	139	125+00.00	126+86.00	RT								186	186											
WEY-2	139	127+45.00	137+50.00	RT								1005	1005											
WEY-3	139	136+54.00	137+50.00	RT								96	96											
PB-1	139	125+00.00	126+14.00	RT																				114
PB-2	139	127+76.00	137+50.00	RT																				974
PB-3	139	129+66.00	131+61.00	RT																				195
WIA-1	139	127+76.00		RT	1																			
WIA-2	139	129+66.00		RT	1																			
TP-1	139	128+92.00	130+09.00	RT																351				
PB-1	140	137+50.00	145+91.00	RT																				841
PB-2	140	137+91.00	150+00.00	RT																				1209
PB-3	140	140+98.00	145+91.00	RT																				493
WEY-1	140	137+50.00	150+00.00	RT								1250	1250											
WEY-2	140	137+50.00	145+91.00	RT								841	841											
WEW-1	140	137+50.00	145+91.00	RT						841	841													
WEW-2	140	137+50.00	150+00.00	RT						1250	1250													
WIA-1	140	137+91.00		RT	1																			
WIA-2	140	140+98.00		RT	1																			
TP-1	140	137+50.00	141+84.00	RT																654				
WCH-1	140	145+91.00	150+00.00	RT										409	409									
WCH-2	140	145+91.00	150+00.00	RT										409	409									
TOTALS CARRIED TO SHEET				69	6					11537	11537	9011	9011	1518	1518	2695		2695		4735		1	15277	

MAINTENANCE OF TRAFFIC SUBSUMMARY

CALCULATED TB
CHECKED DRJ

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOH0DT10.PE01(2)\TOH0DT10.PE01\Drawing\9973\Design\MOT\Sheets\9973_MS002.dgn 4/20/2022 3:56:49 PM sgault

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS 1, 4" MILE	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS 1, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS 1, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT MILE	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 1A CONTINUED																										
WCH-1	141	150+00.00	150+71.00	RT										71	71											
WCH-2	141	150+00.00	150+71.00	RT										71	71											
WDW-1	141	150+71.00	157+31.00	RT												660		660								
WEY-1	141	150+00.00	175+00.00	RT								2500	2500													
WEW-1	141	150+00.00	175+00.00	RT						2500	2500															
PB-1	141	150+00.00	175+00.00	RT																						2500
PB-2	141	173+42.00	175+00.00	RT																						158
PB-1	142	175+00.00	175+80.00	RT																						80
WEW-1	142	175+00.00	175+80.00	RT						80	80															
WEY-1	142	175+00.00	175+80.00	RT								80	80													
PID 99731 PHASE 2																										
WEW-1	143	62+89.00	75+00.00	RT						1211	1211															
WDW-1	143	62+89.00	74+19.00	RT												1130		1130								
WCH-1	143	74+19.00	75+00.00	RT										81	81											
WCH-2	143	74+19.00	75+00.00	RT										81	81											
PB-1	144	87+53.00	100+00.00	LT																						1247
WCH-1	144	75+00.00	79+52.00	RT										452	452											
WCH-2	144	75+00.00	79+52.00	RT										452	452											
WEY-1	144	79+52.00	100+00.00	RT								2048	2048													
WEW-1	144	75+00.00	100+00.00	RT						2500	2500															
WEW-2	144	87+53.00	100+00.00	LT						1247	1247															
WDW-1	144	87+53.00	100+00.00	LT												1247		1247								
TP-1	144	88+73.00	100+00.00	LT																			1185			
WEY-1	145	100+00.00	125+00.00	RT								2500	2500													
WEY-2	145	106+69.00	125+00.00	LT								1831	1831													
WEW-1	145	100+00.00	125+00.00	RT						2500	2500															
WEW-2	145	100+00.00	125+00.00	LT						2500	2500															
WDW-1	145	100+00.00	105+33.00	RT												533		533								
WDW-2	145	114+96.00	120+46.00	LT												550		550								
WCH-1	145	105+33.00	106+69.00	RT										136	136											
WCH-2	145	105+33.00	106+69.00	RT										136	136											
WCH-3	145	120+46.00	125+00.00	LT										454	454											
WCH-4	145	120+46.00	125+00.00	LT										454	454											
PB-1	145	100+00.00	125+00.00	LT																						2500
PB-2	145	106+81.00	125+00.00	LT																					1	1819
TP-1	145	100+00.00	108+61.00	LT																			1357			
PB-1	146	125+00.00	125+29.00	LT																						29
PB-2	146	125+00.00	137+50.00	LT																						1250
WIA-1	146	125+29.00		LT	1																					
WCH-1	146	125+00.00	126+41.00	LT										141	141											
WCH-2	146	125+00.00	126+41.00	LT										141	141											
WEY-1	146	126+41.00	130+25.00	LT								384	384													
WEY-2	146	126+41.00	137+50.00	LT								1109	1109													
WEY-3	146	125+00.00	126+86.00	RT								186	186													
WEY-4	146	130+64.00	137+50.00	RT								686	686													
WEW-1	146	125+00.00	130+18.00	LT						518	518															
WEW-2	146	125+41.00	137+50.00	LT						1209	1209															
WEW-3	146	125+00.00	126+73.00	RT						173	173															
WEW-4	146	130+64.00	137+50.00	RT						686	686															
TOTALS CARRIED TO SHEET 69					1					15124	15124	11324	11324	2670	2670	4120		4120				2542		1	9583	

CALCULATED TB CHECKED DRJ

MAINTENANCE OF TRAFFIC SUBSUMMARY

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10.PE01(2)\T0H0DT10.PE01\Drawing\9973\Design\MOT\Sheets\9973I_MS003.dgn Sheet 4/20/2022 3:58:46 PM sgault

MAINTENANCE OF TRAFFIC SUBSUMMARY

CALCULATED MAK
CHECKED DRJ

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" MILE	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT MILE	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 2 CONTINUED																										
WEY-1	147	137+50.00	140+49.00	LT								463	463													
WEY-2	147	137+50.00	139+02.00	RT								152	152													
WEY-3	147	138+73.00	142+13.00	RT								340	340													
WEY-4	147	140+13.00	150+00.00	LT								987	987													
WEW-1	147	137+50.00	140+33.00	LT						463	463															
WEW-2	147	137+50.00	141+12.00	RT						362	362															
WEW-3	147	138+79.00	150+00.00	RT						1121	1121															
WEW-4	147	140+82.00	150+00.00	LT						918	918															
WCH-1	147	139+02.00	150+00.00	RT										1098	1098											
WCH-2	147	139+02.00	150+00.00	RT										1098	1098											
WCH-3	147	142+13.00	147+46.00	RT										533	533											
WCH-4	147	142+13.00	147+46.00	RT										533	533											
WDW-1	147	147+46.00	150+00.00	RT												254		254								
TP-1	147	140+50.00	143+74.00	LT																	554					
PB-1	147	137+50.00	139+82.00	LT																					245	
PB-2	147	140+82.00	150+00.00	LT																					918	
PB-3	147	144+80.00	150+00.00	LT																					520	
WIA-1	147	139+82.00		LT	1																					
PB-1	148	150+00.00	151+76.00	LT																					176	
PB-2	148	150+00.00	157+74.00	LT																					774	
WDW-1	148	150+00.00	151+86.00	RT												186		186								
SN-8	148	151+00.00		RT		1	28																			
WDW-2	148	151+86.00	164+22.00	RT												1236		1236								
WDW-3	148	153+54.00	157+74.00	RT												420		420								
WIA-1	148	151+76.00		LT	1																					
WCH-1	148	150+00.00	151+86.00	RT										186	186											
WCH-2	148	150+00.00	151+86.00	RT										186	186											
WCH-3	148	151+78.00	153+54.00	RT										176	176											
WCH-4	148	151+78.00	153+54.00	RT										176	176											
WEY-1	148	150+00.00	151+78.00	LT								178	178													
WEW-1	148	150+00.00	157+74.00	LT						774	774															
WEW-2	148	150+00.00	164+22.00	RT						1422	1422															
TP-1	148	150+26.00	157+74.00	LT																	966					
SN-9	148	158+00.00		RT			6																			
SN-10	148	158+00.00		RT		2	36																			
SN-11	148	170+00.00		RT			6																			
SN-12	148	170+00.00		RT		2	32																			
SN-13	148	198+00.00		RT			6																			
SN-14	148	198+00.00		RT		2	32																			
PID 99731 PHASE 2A																										
WEW-1	149	91+87.00	99+07.00	RT						720	720															
TP-1	150	107+08.00	114+01.00	LT																	1030					
WDW-1	150	105+33.00	109+61.00	LT												428		428								
WDW-2	150	115+44.00	122+04.00	LT												660		660								
WEW-1	150	105+33.00	125+00.00	LT						1967	1967															
WEW-2	150	123+79.00	125+00.00	LT						121	121															
WCH-1	150	109+61.00	111+36.00	RT										175	175											
WCH-2	150	109+61.00	111+36.00	RT										175	175											
WCH-3	150	122+04.00	123+79.00	LT										175	175											
WCH-4	150	122+04.00	123+79.00	LT										175	175											
PB-1	150	104+00.00	125+00.00	LT																					2100	
PB-2	150	111+08.00	125+00.00	LT																				1	1392	
PB-3	150	123+79.00	125+00.00	LT																				1	121	
PB-4	150	123+79.00	125+00.00	LT																					121	
WEY-1	150	111+36.00	125+00.00	LT								1364	1364													
WEY-2	150	123+79.00	125+00.00	LT								121	121													
TOTALS CARRIED TO SHEET 69					2	7	146			7868	7868	3605	3605	4686	4686	3184		3184			2550		3	6367		

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOHODTIO.PE01(2)\TOHODTIO.PE01\Drawing\9973\Design\MOT\Sheets\9973L_MS004.dgn Sheet 4/20/2022 4:00:08 PM sgault

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, UNIDIRECTIONAL EACH	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS 1, 4" MILE	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS 1, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT MILE	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 PHASE 2A CONTINUED																										
PB-1	151	125+00.00	131+00.00	LT																					600	
PB-2	151	125+00.00	127+90.00	LT																					290	
PB-3	151	125+00.00	133+69.00	LT																					869	
PB-4	151	125+00.00	133+37.00	LT																					837	
WEY-1	151	125+00.00	132+18.00	LT								718	718													
WEY-2	151	125+00.00	136+84.00	LT								1184	1184													
WEW-1	151	125+00.00	132+11.00	LT						711	711															
WEW-2	151	125+00.00	136+84.00	LT						1184	1184															
TP-1	151	126+61.00	130+29.00	LT																				542		
WIA-1	151	127+90.00		LT	1																					
WIA-2	151	131+00.00		LT	1																					
WIA-3	151	133+37.00		LT	1																					
WEW-1	152	141+75.00	150+00.00	LT						825	825															
WEY-1	152	141+58.00	150+00.00	LT								842	842													
PB-1	152	141+85.00	150+00.00	LT																					815	
WEY-1	153	150+00.00	156+34.00	LT								634	634													
PB-1	153	151+43.00	162+29.00	LT																					1086	
PB-2	153	150+00.00	156+34.00	LT																					634	
WEW-1	153	150+00.00	162+29.00	LT						1229	1229															
WIA-1	153	156+34.00		RT	1																					
WCH-1	153	156+34.00	158+09.00	RT										175	175											
WCH-2	153	156+34.00	158+09.00	RT										175	175											
TP-1	153	154+88.00	162+29.00	LT																			961			
WDW-1	153	158+09.00	162+29.00	LT												420		420								
PID 99731 US 20A PHASE 3																										
WCH-1	192	536+70.00	537+65.00	LT										95												
WEW-1	192	536+70.00	540+00.00	LT						330																
WEW-2	192	536+70.00	540+00.00	RT						330																
WCL-1	192	537+65.00	540+00.00	LT					235																	
WCL-2	192	536+70.00	540+00.00	LT & CL					330																	
WEW-1	193	540+00.00	542+00.00	LT						200																
WEW-2	193	540+00.00	542+22.00	LT & RT						222																
WEW-3	193	542+57.00	550+00.00	LT & RT						743																
WEW-4	193	542+68.00	550+00.00	LT						732																
WCL-1	193	540+00.00	541+50.00	LT					150																	
WCL-2	193	540+00.00	540+70.00	LT					70																	
WCL-3	193	543+35.00	550+00.00	LT					665																	
WS-1	193	541+50.00		LT																		11				
WS-2	193	542+33.00		RT																		12				
WS-3	193	542+45.00		RT																		12				
WS-4	193	543+35.00		LT																		12				
WIA-1	193	543+88.00		LT	1																					
PB-1	193	543+88.00	550+00.00	LT																					612	
WEW-1	194	550+00.00	560+00.00	LT & RT						1000																
WEW-2	194	550+00.00	560+00.00	LT & RT						1000																
WCL-1	194	550+00.00	560+00.00	LT & RT					1000																	
PB-1	194	550+00.00	552+75.00	LT & RT																					275	
PB-2	194	556+98.00	560+00.00	LT & RT																					302	
WIA-1	194	552+75.00		RT	1																					
WIA-2	194	556+98.00		RT	1																					
TOTALS CARRIED TO SHEET 69					7				2450	8506	3949	3378	3378	445	350	420		420		47	1503		1	6320		

CALCULATED TB CHECKED DRJ

MAINTENANCE OF TRAFFIC SUBSUMMARY

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10.PE01(2)\T0H0DT10.PE01\Drawing\9973\Design\MOT\Sheets\9973I_MS005.dgn Sheet 4/20/2022 4:06:49 PM sgault

MAINTENANCE OF TRAFFIC SUBSUMMARY

CALCULATED TB
CHECKED DRJ

REF NO.	SHEET NO.	STATION TO STATION		SIDE	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.: 6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS 1, 4" MILE	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS 1, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS 1, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS 1, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT MILE	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT	
PID 99731 US 20A PHASE 3																										
PB-1	195	560+00.00	566+75.00	LT																					675	
WEW-1	195	560+00.00	570+00.00	LT						1000																
WEW-2	195	560+00.00	570+00.00	LT						1000																
WCL-1	195	560+00.00	570+00.00	LT					1000																	
WIA-1	195	566+75.00		LT	1																					
WEW-1	196	570+00.00	580+00.00	LT						1000																
WEW-2	196	570+00.00	577+15.00	LT & RT						715																
WEW-3	196	577+54.00	580+00.00	RT						246																
WCL-1	196	570+00.00	577+00.00	LT					700																	
WCL-2	196	577+65.00	580+00.00	LT					235																	
WCL-3	196	578+95.00	580+00.00	LT					105																	
WDY-1	196	577+00.00	577+65.00	LT														65								
WS-1	196	577+30.00	577+41.00	RT																		12				
WS-2	196	577+39.00	577+60.00	RT																		21				
WCH-1	196	577+39.00	577+41.00	RT											25											
WDW-1	196	578+45.00	580+00.00	LT													155									
WL-1	196	578+95.00	580+00.00	RT				105																		
WEW-1	197	580+00.00	583+45.00	LT						345																
WEW-2	197	580+00.00	583+95.00	RT						395																
WDW-1	197	580+00.00	583+45.00	LT													345									
WCL-1	197	580+00.00	584+55.00	LT					455																	
WCL-2	197	580+00.00	584+55.00	LT & RT					455																	
WL-1	197	580+00.00	585+35.00	RT				535																		
WL-2	197	583+45.00	585+35.00	LT				190																		
TOTALS CARRIED TO SHEET 69					1			830	2950	4701				25		500	65			33			675			

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOHODTIO.PE01(2)\TOHODTIO.PE01\Drawing\9973\Design\MOT\Sheets\9973L_MS007.dgn Sheet 4/20/2022 4:08:33 PM sgault

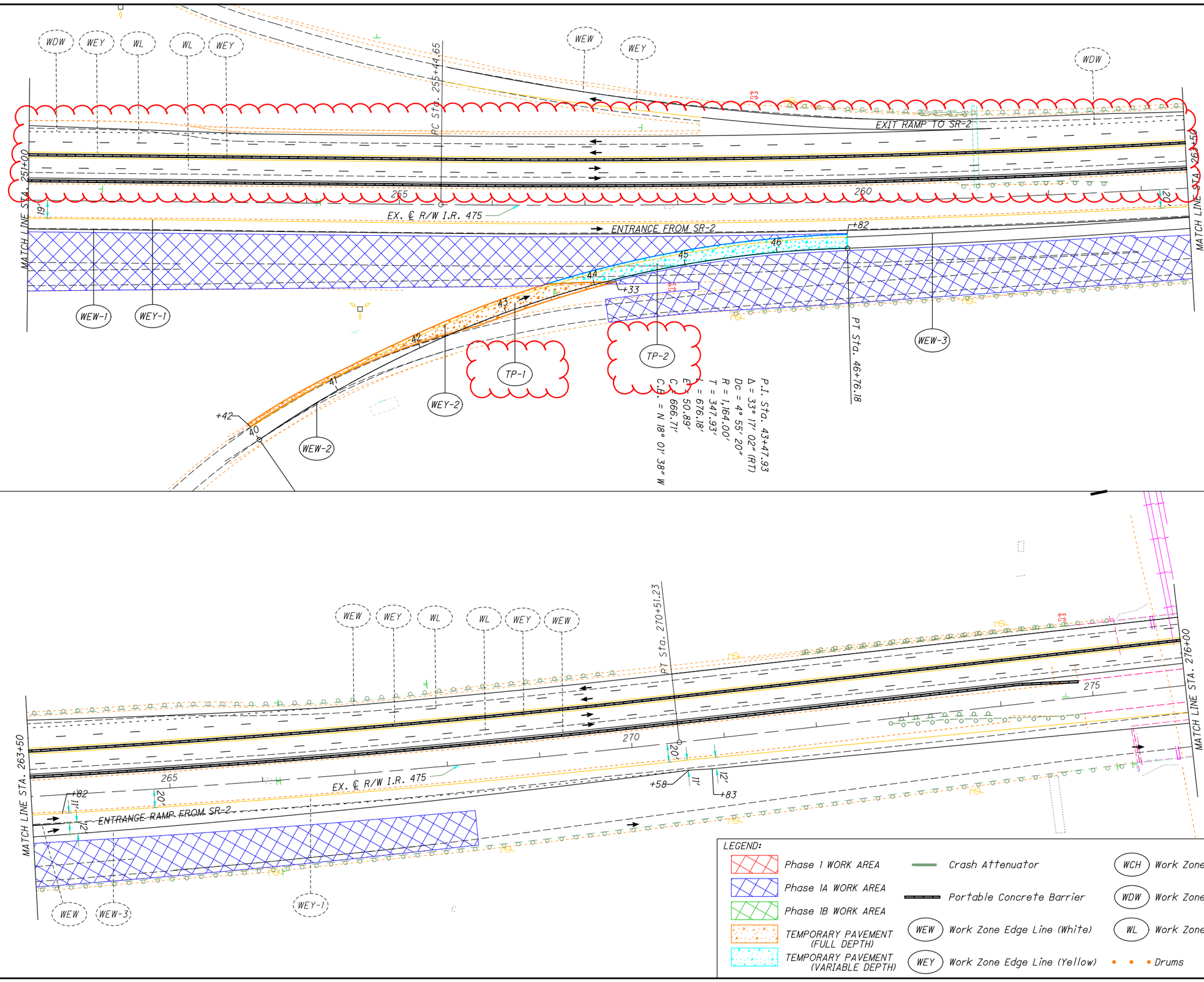
MAINTENANCE OF TRAFFIC SUBSUMMARY - MAINLINE

CALCULATED DEK
CHECKED XXX

REF NO.	SHEET NO.	STATION TO STATION	SHEET	614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 MAINTAINING TRAFFIC, MISC.:6"X8" SOLID WOOD POST, AS PER PLAN EACH	614 MAINTAINING TRAFFIC, MISC.:SIGN (FLAT SHEET) SF	614 WORK ZONE LANE LINE, CLASS I, 4" FT	614 WORK ZONE CENTER LINE, CLASS I FT	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE EDGE LINE, CLASS I, 6"(YELLOW) FT	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT(YELLOW) FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12" FT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT FT	614 WORK ZONE DOTTED LINE, CLASS I(WHITE) FT	614 WORK ZONE DOTTED LINE, CLASS I(YELLOW) FT	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT(WHITE) FT	614 WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN SY	622 PORTABLE BARRIER, 50", AS PER PLAN FT	622 PORTABLE BARRIER, "Y" CONNECTOR EACH	622 PORTABLE BARRIER, UNANCHORED FT
		SUBTOTALS CARRIED FROM SHEET	58	2	3	96	5384		9633	9633	10947	10947	2456	2456	2720		2720	5384		9871	2937	2	7040
		SUBTOTALS CARRIED FROM SHEET	59				15001		19017	19017	16500	16500						15001		23548	9500		9238
		SUBTOTALS CARRIED FROM SHEET	60		7	206	17700		16502	16502	21079	21079			1355		1355	17700		17947	8850		5195
		SUBTOTALS CARRIED FROM SHEET	61	2			8680	5000	22447	22447	18692	18692	1865	1865	1543		1543	8680		180	5000		7096
		SUBTOTALS CARRIED FROM SHEET	62	3	8	238			7275	7275	4389	4389	750	750	420		420			4818	2052		4390
		SUBTOTALS CARRIED FROM SHEET	62A		1	32			6634	6634	9014	9014	498	498	353		353			1878			
		SUBTOTALS CARRIED FROM SHEET	62B		7	224	7510		15593	15593	11077	11077	2339	2339	1006		1006	7510		3112	3250		3160
		SUBTOTALS CARRIED FROM SHEET	62C	1	4	96	21700		15585	15585	22033	22033						21700			8750		8897
		SUBTOTALS CARRIED FROM SHEET	62D		1	32	13776		16362	16362	13987	13987	1046	1046	2004		2004	13776		1964	8750		5619
		SUBTOTALS CARRIED FROM SHEET	62E		2	64	11721		17284	17284	19989	19989	5730	5730	1626		1626	11721		2171	6462	1	4078
		SUBTOTALS CARRIED FROM SHEET	62F	1	13	325			11703	11703	8086	8086	1368	1368	1513	741	772	1		8245			55
		SUBTOTALS CARRIED FROM SHEET	63	2	7	154			10566	10566	8108	8108	3796	3796	2396		2396			3024		1	4020
		SUBTOTALS CARRIED FROM SHEET	64	6					11537	11537	9011	9011	1518	1518	2695		2695			4735		1	15277
		SUBTOTALS CARRIED FROM SHEET	65	1					15124	15124	11324	11324	2670	2670	4120		4120			2542		1	9583
		SUBTOTALS CARRIED FROM SHEET	66	2	7	146			7868	7868	3605	3605	4686	4686	3184		3184			2550		3	6367
		SUBTOTALS CARRIED FROM SHEET	67	7				2450	8506	3949	3378	3378	445	350	420		420		47	1503		1	6320
		SUBTOTALS CARRIED FROM SHEET	68	1			830	2950	4701				25		500	65			33				675
		LINEAR TOTALS	FT				102302	10400	216337	207079	191219	191219	29192	29072	25855	806	24614	101473			55551		
		LINEAR TOTALS	MI				19.375	1.970	40.973	39.220	36.216	36.216	5.529	5.506	4.897	0.153	4.662	19.218			10.521		
TOTALS CARRIED TO SHEET 208/208A				28	60	1613	19.38	1.97	40.973	39.220	36.216	36.216	29192	29072	26661		24614	19.218	80	88088	55551	10	97010

LUC-475-0.09

I:\Project Data\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MS012.dgn Sheet 4/29/2022 9:49:56 AM dkasemi



N

0 25 50 100
HORIZONTAL SCALE IN FEET

CALCULATED MK
CHECKED DEK

MAINTENANCE OF TRAFFIC - MAINLINE
PHASE 1A - STA. 251+00 TO STA. 276+00

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\MOT\Sheets\95875_MP029.dgn Sheet 4/25/2022 7:11:38 AM jbidinge

PB PER MAINLINE PLANS
WIA PER MAINLINE PLANS
780' RAMP MERGE TAPER
1365' DECISION SIGHT DISTANCE
600' RAMP MERGE TAPER
EX. ℄ R/W I.R. 475
PAVEMENT MARKINGS PER MAINLINE PLANS
TEMP. PVMT. PER MAINLINE PLANS
PB PER MAINLINE PLANS
PAVEMENT MARKINGS PER MAINLINE PLANS
WDW-1
WEW-1
WCH-1
WCH-2
WEY-1
WDW-2
ENTRANCE RAMP FROM DUSSEL/SALISBURY
+51
+31
+55
+00
105
110
EX. ℄ R/W I.R. 475
MATCH LINE STA. 112+50 SEE BELOW
FUTURE ENTRANCE RAMP FROM US 20A
PB-1
WEW-2
WDW-3
TP-1
420' RAMP OPENING

NOTES:
1) FOR LEGEND SEE SHEET 45
2) FOR MAINLINE SIGNAGE DISPOSITION SEE TRAFFIC CONTROL PLANS
3) ALONG ON-RAMPS, PLACE W20-1-48 SIGNS 500' PRIOR TO THE BEGINNING OF TEMPORARY PAVEMENT MARKINGS.
4) ALONG OFF-RAMP, PLACE G20-2-48 SIGNS 200' AFTER THE ENDING OF TEMPORARY PAVEMENT MARKINGS.
5) FOR MAINLINE MAINTENANCE OF TRAFFIC PLANS, SEE SHEETS 70 - 130
6) SIGNS SHOWN ARE ONLY FOR RAMPS. MAINLINE SIGNS OTHER SHEETS.
7) SIGNS SHOWN AS PROPOSED ARE RELOCATED EXISTING SIGNS, PROPOSED SIGNS OR TEMPORARY SIGNS. SIGNS CAN BE OVERHEAD OR TEMPORARILY GROUND MOUNTED.
8) FOR TEMPORARY SIGN DETAILS SEE SHEET 203

SN-1 96" X 48" STA. 56+00 — Sallsbury Rd Dussel Dr 1 MILE — EXIT 6
SN-2 48" X 18"
SN-3 96" X 48" STA. 82+50 — Sallsbury Rd Dussel Dr ½ MILE — EXIT 6
SN-4 48" X 18"
SN-5 96" X 60" STA. 109+00 — Sallsbury Rd Dussel Dr — EXIT 6
SN-6 48" X 18"

1365' DECISION SIGHT DISTANCE
600' RAMP MERGE TAPER
1365' DECISION SIGNT DISTANCE
PB PER MAINLINE PLANS
WDW-2
WEY-1
PAVEMENT MARKINGS PER MAINLINE PLANS
TEMP. PVMT. PER MAINLINE PLANS
WIS-dP-24 STA. 117+00
45 MPH
SN-7 48" X 96" — EXIT 6
WEW-1
WCH-5
WCH-6
WEY-3
WEW-3
ENTRANCE RAMP FROM SALISBURY EB
ENTRANCE RAMP FROM DUSSELL WB
12:1 PB TAPER
MATCH LINE STA. 112+50 SEE ABOVE
MATCH LINE STA. 125+00 SEE SHEET 132
+21
+69
+96
+55
+06
+05
+71
+56
120
EX. ℄ R/W I.R. 475
EXIT RAMP TO DUSSEL/SALISBURY
WDW-3
WCH-3
WCH-4
TP-1
WIA-1
FOR "Y" CONNECTOR DETAILS SEE SHEET 204
WEW-2
PB-2
PB-1
WEY-2
TP-2
REMOVE THIS PHASE
Salisbury Rd Dussel Dr EXIT 6
REMOVE THIS PHASE
EXIT 6
RAMP DETOURED DURING PLACEMENT OF TEMPORARY PAVEMENT PER SHEET 45 .
420' RAMP OPENING
RAMP SHIFTING CROSSOVER TAPER SEE SHEET 173 FOR DETAILS

HORIZONTAL SCALE IN FEET
0 25 50 100
CALCULATED TB
CHECKED BRO

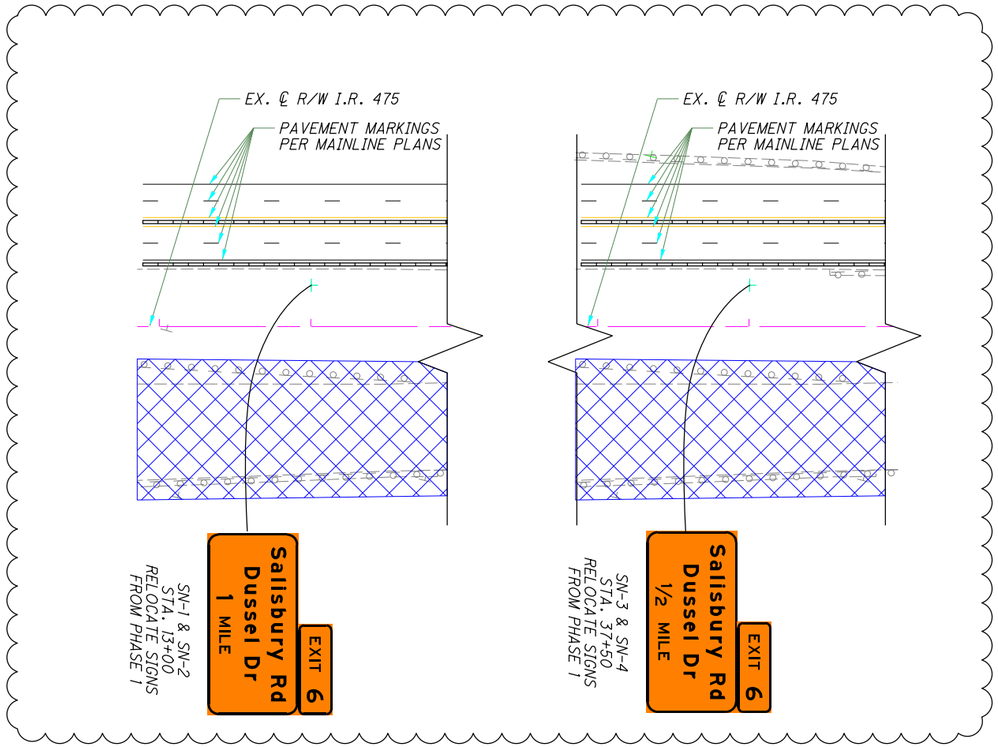
MAINTENANCE OF TRAFFIC - RAMP DETAILS
I-475 - PHASE 1 - STA. 100+00 TO STA. 125+00

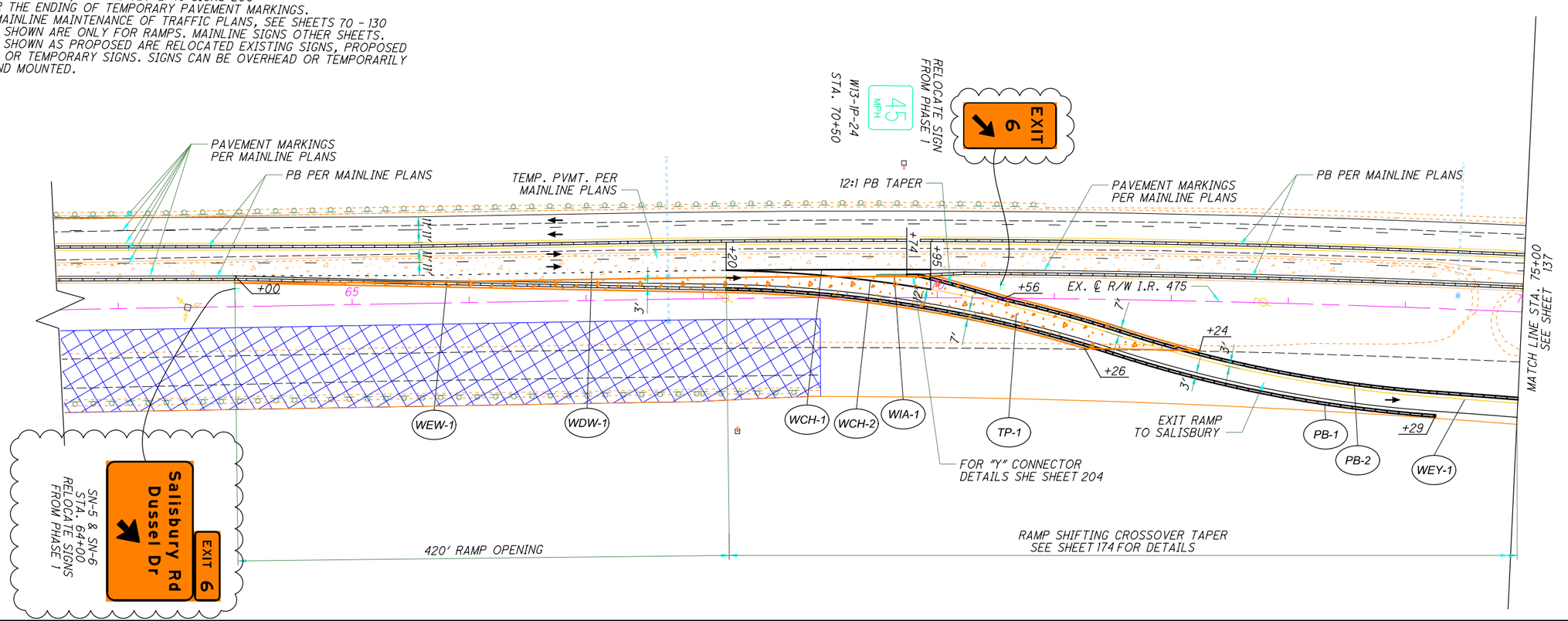
LUC-475-01.85

131
855

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOH0DT10.PE01(2)\TOH0DT10.PE01Drawing\9973N
9973I_MPI01.dgn Sheet 4/19/2022 4:25:19 PM sgault

NOTES:
1) FOR LEGEND SEE SHEET 45
2) FOR MAINLINE SIGNAGE DISPOSITION SEE TRAFFIC CONTROL PLANS
3) ALONG ON-RAMPS, PLACE W20-1-48 SIGNS 500' PRIOR TO THE BEGINNING OF TEMPORARY PAVEMENT MARKINGS.
4) ALONG OFF-RAMP, PLACE G20-2-48 SIGNS 200' AFTER THE ENDING OF TEMPORARY PAVEMENT MARKINGS.
5) FOR MAINLINE MAINTENANCE OF TRAFFIC PLANS, SEE SHEETS 70 - 130
6) SIGNS SHOWN ARE ONLY FOR RAMPS. MAINLINE SIGNS OTHER SHEETS.
7) SIGNS SHOWN AS PROPOSED ARE RELOCATED EXISTING SIGNS, PROPOSED SIGNS OR TEMPORARY SIGNS. SIGNS CAN BE OVERHEAD OR TEMPORARILY GROUND MOUNTED.





HORIZONTAL SCALE IN FEET
0 25 50 100

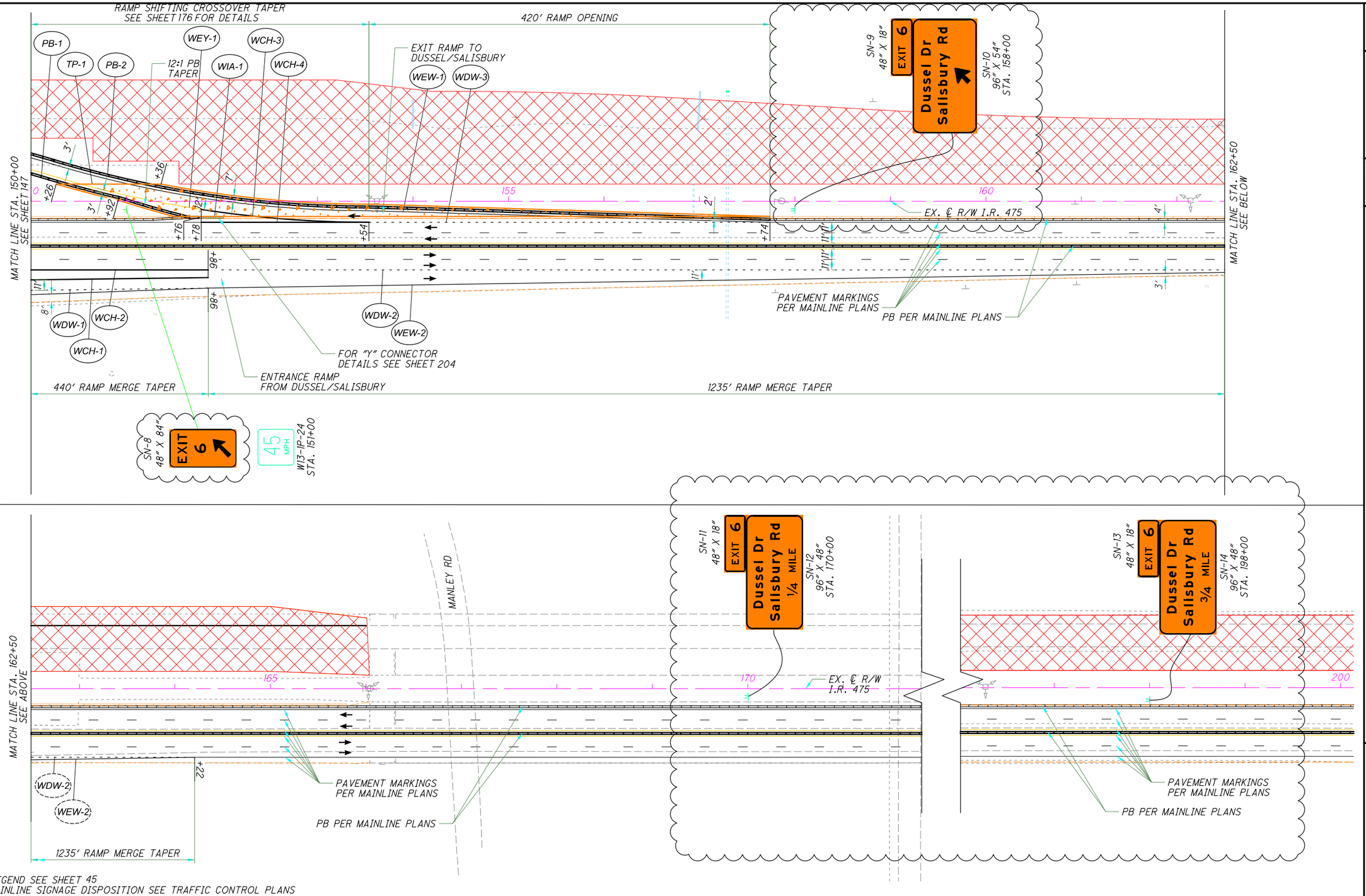
CALCULATED TB
CHECKED BRO

MAINTENANCE OF TRAFFIC - RAMP DETAILS
I-475 - PHASE 1A - STA. 62+50 TO STA. 75+00

LUC-475-01.85

136
855

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOHODT10_PE01(2)\TOHODT10_PE01\Drawing\9973\Design\MOT\Sheets\9973I_MPIII.dgn Sheet 4/19/2022 11:37:07 AM sgault



NOTES:
1) FOR LEGEND SEE SHEET 45
2) FOR MAINLINE SIGNAGE DISPOSITION SEE TRAFFIC CONTROL PLANS
3) ALONG ON-RAMPS, PLACE W20-1-48 SIGNS 500' PRIOR TO THE BEGINNING OF TEMPORARY PAVEMENT MARKINGS.
4) ALONG OFF-RAMP, PLACE G20-2-48 SIGNS 200' AFTER THE ENDING OF TEMPORARY PAVEMENT MARKINGS.
5) FOR MAINLINE MAINTENANCE OF TRAFFIC PLANS, SEE SHEETS 70 - 130
6) SIGNS SHOWN ARE ONLY FOR RAMPS. MAINLINE SIGNS OTHER SHEETS.
7) SIGNS SHOWN AS PROPOSED ARE RELOCATED EXISTING SIGNS, PROPOSED SIGNS OR TEMPORARY SIGNS. SIGNS CAN BE OVERHEAD OR TEMPORARILY GROUND MOUNTED.
8) FOR TEMPORARY SIGN DETAIL SEE SHEET 203

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED TB
CHECKED BRO

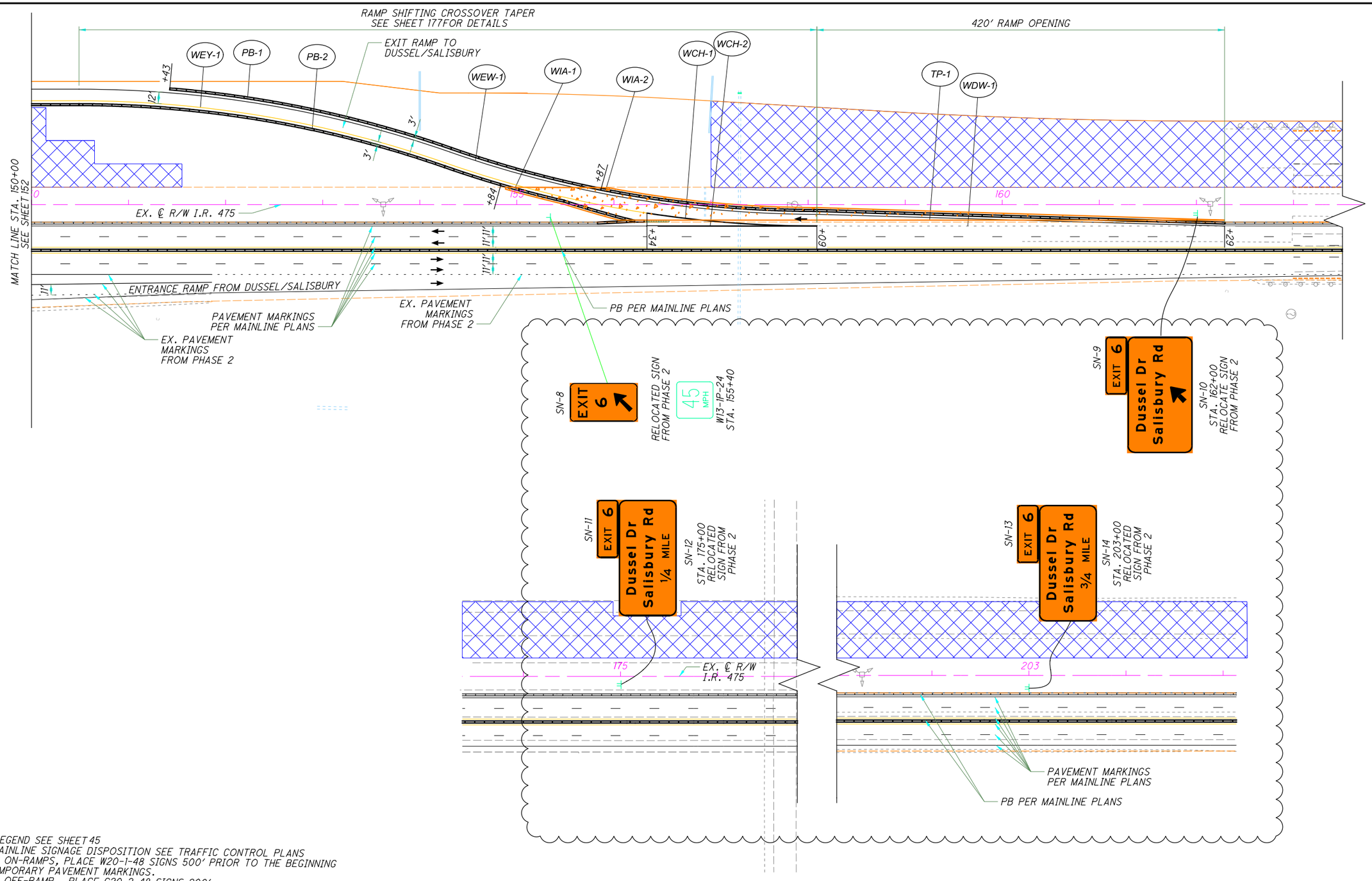
TRAFFIC - RAMP DETAILS STA. 150+00 TO STA. 175+00

MAINTENANCE OF TRAFFIC I-475 - PHASE 2 - STA. 150+00 TO STA. 175+00

LUC-475-01.85

148
855

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\TOHODTIO.PE01(2)\TOHODTIO.PE01\Drawing\9973\Design\MOT\Sheets\9973I_MP206.dgn Sheet 4/19/2022 4:48:29 PM sgault



NOTES:
1) FOR LEGEND SEE SHEET 45
2) FOR MAINLINE SIGNAGE DISPOSITION SEE TRAFFIC CONTROL PLANS
3) ALONG ON-RAMPS, PLACE W20-1-48 SIGNS 500' PRIOR TO THE BEGINNING OF TEMPORARY PAVEMENT MARKINGS.
4) ALONG OFF-RAMP, PLACE G20-2-48 SIGNS 200' AFTER THE ENDING OF TEMPORARY PAVEMENT MARKINGS.
5) FOR MAINLINE MAINTENANCE OF TRAFFIC PLANS, SEE SHEETS 70 - 130
6) SIGNS SHOWN ARE ONLY FOR RAMPS. MAINLINE SIGNS OTHER SHEETS.
7) SIGNS SHOWN AS PROPOSED ARE RELOCATED EXISTING SIGNS, PROPOSED SIGNS OR TEMPORARY SIGNS. SIGNS CAN BE OVERHEAD OR TEMPORARILY GROUND MOUNTED.
8) FOR TEMPORARY SIGN DETAILS SEE SHEET 203

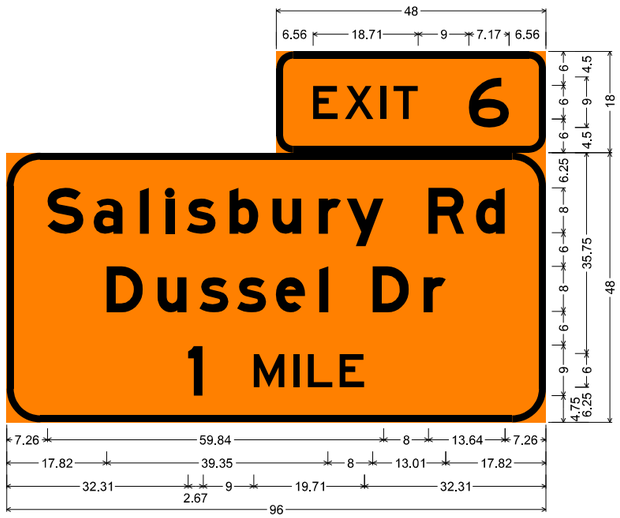
HORIZONTAL SCALE IN FEET
0 25 50 100
CALCULATED TB
CHECKED BRO

MAINTENANCE OF TRAFFIC - RAMP DETAILS
I-475 - PHASE 2A - STA. 150+00 TO STA. 175+00

LUC-475-01.85

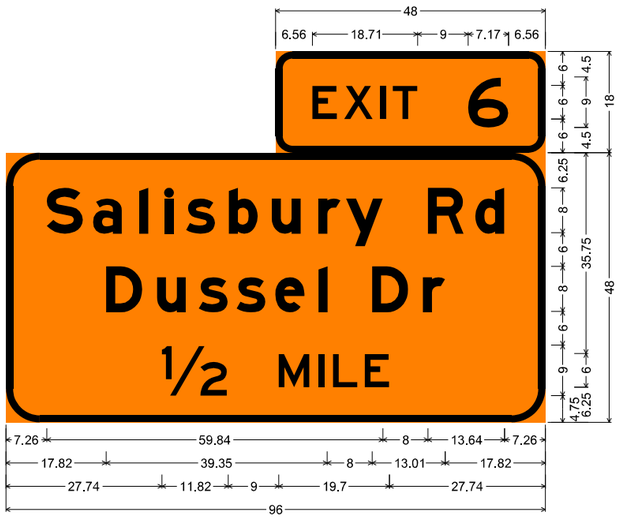
153
855

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10.PE01(2)\T0H0DT10.PE01\Drawing\9973I\Design\MOT\Sheets\9973I_MP2I5.dgn Sheet 4/19/2022 2:14:58 PM sgault



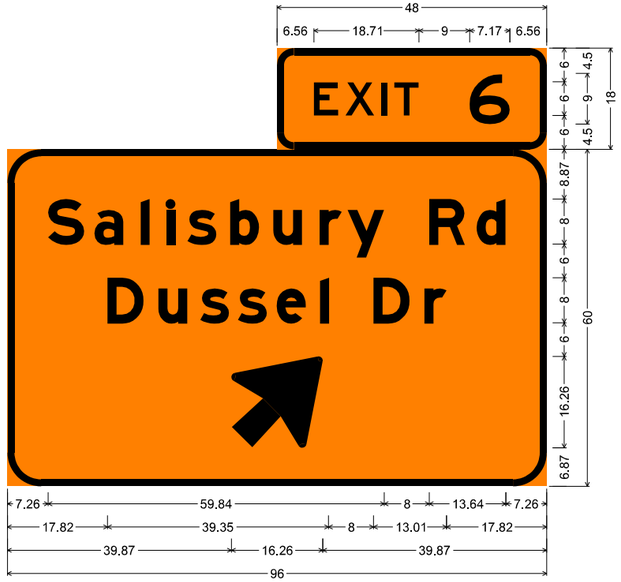
SN-1, SN-2
3.00" Radius, 1.25" Border, Black on Orange;
"EXIT 6", E;

6.00" Radius, 1.25" Border, Black on Orange;
"Salisbury Rd", E Mod; "Dussel Dr", E Mod; "1 MILE", E;



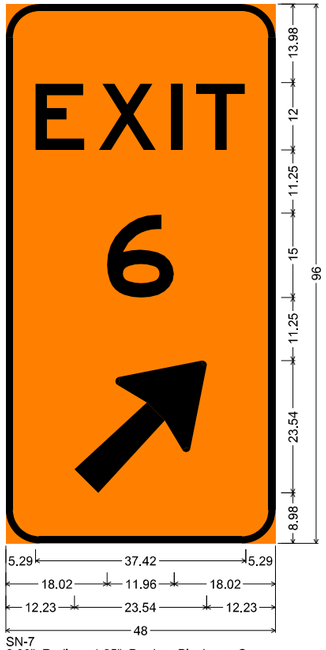
SN-3, SN-4
3.00" Radius, 1.25" Border, Black on Orange;
"EXIT 6", E;

6.00" Radius, 1.25" Border, Black on Orange;
"Salisbury Rd", E Mod; "Dussel Dr", E Mod; "½ MILE", E;

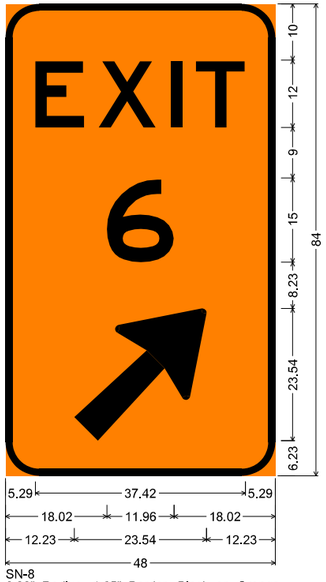


SN-5, SN-6
3.00" Radius, 1.25" Border, Black on Orange;
"EXIT 6", E;

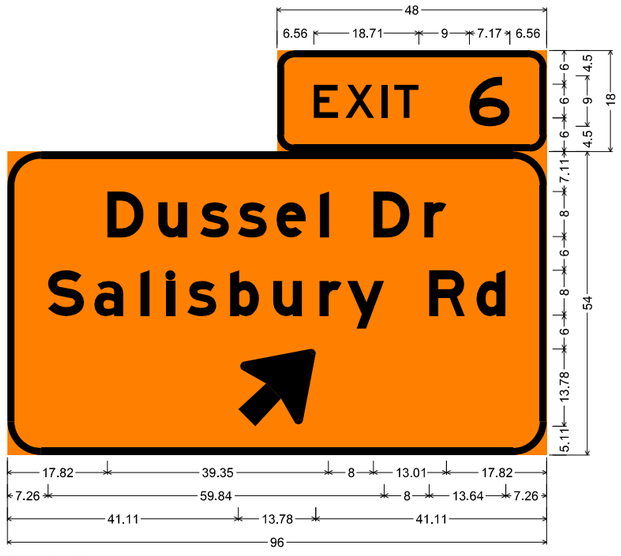
6.00" Radius, 1.25" Border, Black on Orange;
"Salisbury Rd", E Mod; "Dussel Dr", E Mod; Arrow B-3 - 20.00" 45°;



SN-7
6.00" Radius, 1.25" Border, Black on Orange;
"EXIT", E; "6", E;
Arrow A-2 - 30.00" 45°;

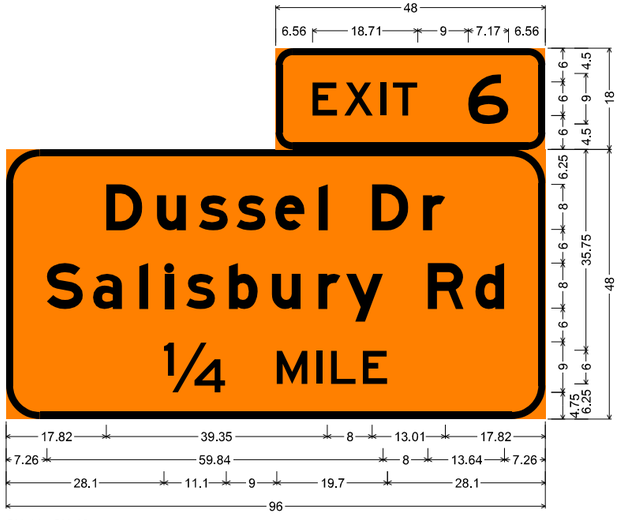


SN-8
6.00" Radius, 1.25" Border, Black on Orange;
"EXIT", E; "6", E;
Arrow A-2 - 30.00" 45°;



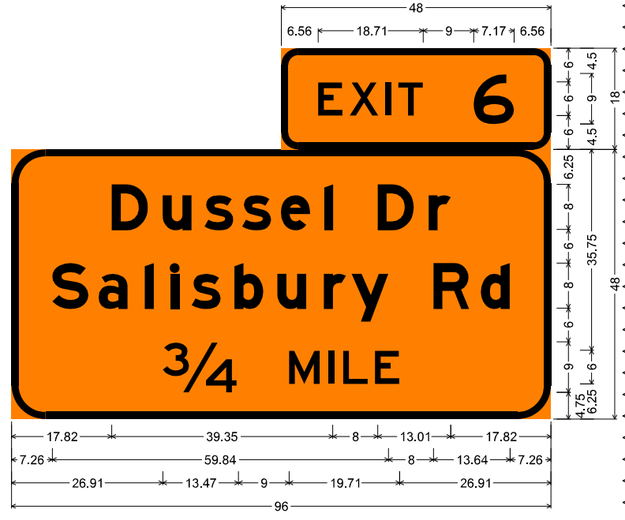
SN-9, SN-10
3.00" Radius, 1.25" Border, Black on Orange;
"EXIT 6", E;

6.00" Radius, 1.25" Border, Black on Orange;
"Dussel Dr", E Mod; "Salisbury Rd", E Mod; Arrow B-4 - 17.00" 45°;



SN-11, SN-12
3.00" Radius, 1.25" Border, Black on Orange;
"EXIT 6", E;

6.00" Radius, 1.25" Border, Black on Orange;
"Dussel Dr", E Mod; "Salisbury Rd", E Mod; "¼ MILE", E;



SN-13, SN-14
3.00" Radius, 1.25" Border, Black on Orange;
"EXIT 6", E;

6.00" Radius, 1.25" Border, Black on Orange;
"Dussel Dr", E Mod; "Salisbury Rd", E Mod; "¾ MILE", E;

CALCULATED CAJ
CHECKED BRO

MAINTENANCE OF TRAFFIC SIGNING DETAILS

LUC-475-01.85

C:\Users\sgault\OneDrive - ARCADIS\Desktop\LUC475\T0H0DT10.PE01(2)\T0H0DT10.PE01(2)\Drawing\9973I\Design\MOT\Sheets\9973I_MD101.dgn Sheet 4/19/2022 5:21:22 PM sgault

REF NO.	SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY	203 GRANULAR MATERIAL, TYPE B CY	203 GRANULAR MATERIAL, TYPE D CY	659 SEEDING AND MULCHING SY
		IR 475							
	331	12+00.00	TO	13+00.00	827	510			2118
	332	13+50.00		14+50.00	811	286			1412
	333	15+00.00		16+00.00	408	93			1040
	334	16+50.00		17+50.00	570	349			1760
	335	18+00.00		19+00.00	554	198			1290
	336	19+50.00		20+50.00	553	185			1001
	337	21+00.00		22+00.00	516	101			841
	338	22+50.00		23+50.00	762	41			811
	339	24+00.00		25+00.00	938	43			734
	340	25+50.00		26+50.00	649	40			806
	341	27+00.00		28+00.00	926	122			897
	342	28+50.00		29+50.00	1118	30			912
	343	30+00.00		31+00.00	1098	25			654
	344	31+50.00		32+50.00	1101	29			740
	345	33+00.00		34+00.00	1012	93			826
	346	34+50.00		35+50.00	1067	45			824
	347	36+00.00		37+00.00	1045	22			809
	348	37+50.00		38+50.00	960	25			718
	349	39+00.00		40+00.00	699	73			1648
	350	40+50.00		41+50.00	368	450			2988
	351	42+00.00		43+00.00	188	1122			2484
	352	43+50.00		44+50.00	124	1701			2309
	353	45+00.00		46+00.00	59	2397			2381
	354	46+50.00		47+50.00	6	2821			2326
	355	48+00.00		49+00.00	0	2199			1556
	356	51+00.00		52+00.00	3012	10218	118	343	1718
	357	52+50.00		53+50.00	6591	18962	222	654	3657
	358	54+00.00		55+00.00	6502	18333	226	659	3680
	359	55+50.00		56+50.00	6581	16685	235	688	3727
	360	57+00.00		58+00.00	6369	13728	220	643	3803
	361	58+50.00		59+50.00	6175	11049	57	167	3707
	362	60+00.00		61+00.00	5860	8818			3551
	363	61+50.00		62+50.00	3500	4563			2229
	364	63+00.00		64+00.00	1603	1772			1310
	365	64+50.00		65+50.00	524	79			606
	366	66+00.00		67+00.00	631	24			606
	367	67+36.36		68+00.00	453	14			402
	368	68+50.00		69+50.00	665	41			606
	369	70+00.00		71+00.00	670	46			606
	370	71+50.00		72+50.00	728	30			606
	371	73+00.00		74+00.00	691	44			606
	372	74+50.00		75+50.00	644	21			606
	373	76+00.00		77+00.00	746	32			606
	374	77+50.00		78+50.00	705	29			606
	375	79+00.00		80+00.00	686	42			606
	376	80+50.00		81+50.00	777	42			606
	377	82+00.00		83+00.00	775	39			606
	378	83+50.00		84+50.00	796	36			606
	379	85+00.00		86+00.00	780	51			606
	380	86+50.00		87+50.00	769	49			606
	381	88+00.00		89+00.00	812	35			606
	382	89+50.00		90+50.00	815	36			606
	383	91+00.00		92+00.00	818	37			606
	384	92+50.00		93+50.00	851	29			606
TOTALS CARRIED TO SHEET 3 OF 3					76888	117884	1078	3154	73183

REF NO.	SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY	203 GRANULAR MATERIAL, TYPE B CY	203 GRANULAR MATERIAL, TYPE D CY	659 SEEDING AND MULCHING SY
		IR 475							
	385	94+00.00	TO	95+00.00	887	24			606
	386	95+50.00		96+50.00	875	25			606
	387	97+00.00		98+00.00	960	11			606
	388	98+50.00		99+50.00	933	17			606
	389	100+00.00		100+50.00	561	16			404
	390	101+00.00		102+00.00	695	38			606
	391	102+50.00		103+50.00	609	41			606
	392	104+00.00		105+00.00	625	30			606
	393	105+50.00		106+50.00	626	9			606
	394	107+00.00		108+00.00	619	26			606
	395	108+50.00		109+50.00	583	39			606
	396	110+00.00		111+00.00	573	44			606
	397	111+50.00		112+50.00	560	54			606
	398	113+00.00		114+00.00	568	47			606
	399	114+50.00		115+50.00	556	38			606
	400	116+00.00		117+00.00	549	38			606
	401	117+50.00		118+50.00	552	31			606
	402	119+00.00		120+00.00	625	11			606
	403	120+50.00		121+50.00	616	16			606
	404	122+00.00		123+00.00	601	20			606
	405	123+50.00		124+50.00	620	19			606
	406	125+00.00		126+00.00	612	28			606
	407	126+50.00		127+50.00	601	41			606
	408	128+00.00		129+00.00	648	31			606
	409	129+50.00		130+50.00	675	19			606
	410	131+00.00		132+00.00	690	14			606
	411	132+50.00		133+50.00	650	8			606
	412	134+00.00		135+00.00	609	3			606
	413	135+50.00		136+50.00	699	7			606
	414	137+00.00		138+00.00	663	15			606
	415	138+50.00		139+50.00	622	15			606
	416	140+00.00		141+00.00	687	9			606
	417	141+50.00		142+50.00	714	10			703
	418	143+00.00		144+00.00	665	20			729
	419	144+50.00		145+50.00	656	24			711
	420	146+00.00		147+00.00	588	19			688
	421	147+50.00		148+50.00	605	12			701
	422	149+00.00		150+00.00	716	4			712
	423	150+50.00		151+50.00	763	1			674
	424	152+00.00		153+00.00	701	4			656
	425	153+50.00		154+50.00	656	8			667
	426	155+00.00		156+00.00	634	12			669
	427	156+50.00		157+50.00	610	21			660
	428	158+00.00		159+00.00	760	7			675
	429	159+50.00		160+50.00	770	2			692
	430	161+00.00		162+00.00	799	3			677
	431	162+50.00		163+50.00	564	3			675
	432	164+00.00		165+00.00	216	13			702
	433	165+50.00		173+50.00	152	4			443
	434	174+00.00		175+00.00	146	16			1483
	435	175+50.00		176+50.00	221	32			1429
	436	177+00.00		178+00.00	445	28			1541
	437	178+50.00		179+50.00	468	79			1335
	438	180+00.00		181+00.00	519	173			786
TOTALS CARRIED TO SHEET 3 OF 3					33317	1379			37198

CALCULATED JRB
CHECKED XXX

EARTHWORK SUBSUMMARY SHEET 1 OF 3

LUC-475-0.09

I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GS004.dgn Sheet 4/29/2022 9:52:20 AM jbidinge

REF NO.	SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY	203 GRANULAR MATERIAL, TYPE B CY	203 GRANULAR MATERIAL, TYPE D CY	659 SEEDING AND MULCHING SY
		IR 475							
	439	181+50.00	TO	182+50.00	601	143			713
	440	183+00.00		184+00.00	815	20			730
	441	184+50.00		185+50.00	923	7			839
	442	186+00.00		187+00.00	984	4			799
	443	187+50.00		188+50.00	964	2			740
	444	189+00.00		190+00.00	873	5			757
	445	190+50.00		191+50.00	777	11			763
	446	192+00.00		193+00.00	682	28			782
	447	193+50.00		194+50.00	618	45			771
	448	195+00.00		196+00.00	610	64			799
	449	196+50.00		197+50.00	626	45			802
	450	198+00.00		199+00.00	647	31			829
	451	199+50.00		200+50.00	643	34			848
	452	201+00.00		202+00.00	850	5			898
	453	202+50.00		203+50.00	855	7			1093
	454	204+00.00		205+00.00	835	13			1042
	455	205+50.00		206+50.00	781	17			939
	456	207+00.00		208+00.00	688	35			1035
	457	208+50.00		209+50.00	666	39			1014
	458	210+00.00		211+00.00	618	57			1211
	459	211+50.00		212+50.00	655	26			1182
	460	213+00.00		214+00.00	425	35			1238
	461	214+50.00		215+50.00	236	52			1128
	462	216+00.00		217+00.00	271	52			1096
	463	217+50.00		218+50.00	237	77			1013
	464	219+00.00		220+00.00	222	79			1027
	465	220+50.00		221+50.00	205	73			952
	466	222+00.00		223+00.00	239	49			795
	467	223+50.00		224+50.00	226	1			377
	468	225+00.00		226+00.00	144	4			675
	469	226+50.00		227+50.00	69	13			810
	470	228+00.00		229+00.00	76	8			703
	471	230+00.00		231+00.00	7	0			132
	472	231+50.00		232+50.00	162	4			663
	473	233+00.00		234+00.00	187	0			405
	474	234+50.00		235+50.00	171	0			389
	475	236+00.00		237+00.00	302	8			738
	476	237+50.00		238+50.00	191	14			440
	477	239+00.00		240+00.00	162	1			289
	478	240+50.00		241+50.00	167	1			298
	479	242+00.00		243+00.00	169	0			211
	480	243+50.00		244+50.00	185	0			276
	481	245+00.00		246+00.00	289	33			800
	482	246+50.00		247+50.00	282	22			457
	483	248+00.00		249+00.00	221	2			313
	484	249+50.00		250+50.00	216	5			358
	485	251+00.00		252+00.00	233	4			376
	486	252+50.00		253+50.00	292	35			876
	487	254+00.00		255+00.00	720	6			1066
	488	255+44.65		256+00.00	397	6			809
	489	256+50.00		257+50.00	327	9			630
	490	258+00.00		259+00.00	448	7			550
	491	259+50.00		260+50.00	326	0			209
	492	261+00.00		262+00.00	285	0			191
TOTALS CARRIED TO SHEET 3 OF 3					23806	1238			38876

REF NO.	SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY	203 GRANULAR MATERIAL, TYPE B CY	203 GRANULAR MATERIAL, TYPE D CY	659 SEEDING AND MULCHING SY
		IR 475							
	493	262+50.00	TO	263+50.00	272	0			195
	494	264+00.00		265+00.00	255	0			177
	495	265+50.00		266+50.00	220	2			197
	496	267+00.00		268+00.00	195	0			283
		US 24 & IR 475 RAMP F							
	498	26+43.23		27+50.00	49	35			423
	499	28+00.00		29+00.00	208	253			111
	500	29+50.00		30+50.00	435	973			1781
	501	31+00.00		32+00.00	555	1331			2127
	502	32+50.00		34+00.00	448	1909			2721
	503	34+50.00		35+54.90	264	667			1364
	504	36+00.00		37+50.00	516	1375			1981
	505	37+54.90		39+00.00	1008	1582	26	75	1382
	506	39+50.00		41+00.00	3564	7654	168	499	3040
	507	41+50.00		42+50.00	2729	5957	120	348	1708
	508	43+00.00		44+00.59	2948	6051	119	344	1517
	509	44+50.00		46+00.00	3994	9849	175	517	2094
	510	46+50.00		48+00.00	4421	11549	164	479	1994
	511	48+50.00		48+78.16	1802	4735	64	188	783
		US 24 & IR 475 RAMP G							
	512	39+00.00		40+00.00	12	3			14
	513	40+50.00		41+00.00	33	15			60
	514	41+50.00		42+50.00	9	147			125
	515	42+76.65		43+50.00		212			108
	516	44+00.00		45+00.00		379			183
	517	45+50.00		46+50.00		363			208
	518	47+00.00		48+00.00		329			231
	519	48+50.00				102			81
		NOISE WALL 1A							
	628	1100+00.00		1101+50.00	444	491			270
					750	864			446
	629	1102+00.00		1103+58.00	594	659			361
					431	506			315
	630	1104+00.00		1106+00.00	461	513			301
					511	531			359
	631	1106+50.00		1110+00.00	71	13			116
					88	9			86
	632	1110+30.00		1111+40.07	35	4			36
					8	0			20
		NOISE WALL 2A							
	633	2100+00.00		2102+50.00	507	609			399
					468	529			353
	634	2103+00.00		2105+50.00	543	671			403
					812	855			497
	635	2106+00.00		2109+50.00	263	246			220
					94	4			68
	636	2110+30.00		2111+00.00	56	5			56
					3	0			7
TOTALS CARRIED TO SHEET 3 OF 3					30076	61981	836	2450	29201

CALCULATED JRB
CHECKED XXX

EARTHWORK SUBSUMMARY SHEET 2 OF 3

LUC-475-0.09

213
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GS005.dgn Sheet 4/29/2022 9:52:20 AM jbidinge

REF NO.	SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY	203 GRANULAR MATERIAL, TYPE B CY	203 GRANULAR MATERIAL, TYPE D CY	659 SEEDING AND MULCHING SY
		NOISE WALL 4A							
	641	4101+00.00		4103+50.00	7	0			30
					27	0			66
	642	4104+00.00		4105+81.00	20	5			43
					24	2			70
	643	4106+00.00		4107+25.00	4	1			36
					0	0			0
		NOISE WALL 5A							
	644	5100+00.00		5103+50.00	25	0			65
					44	0			115
	645	5104+00.00		5107+50.00	52	0			219
					57	0			266
	646	5108+00.00		5111+50.00	56	0			355
					53	0			288
	647	5112+00.00		5115+50.00	46	0			233
					47	0			146
	648	5116+00.00		5118+50.00	46	0			128
					0	0			0
		NOISE WALL 5B							
	649	5200+50.00		5204+00.00	24	9			96
					44	8			75
	650	5204+50.00		5208+00.00	39	13			90
					177	144			113
	651	5208+50.00		5212+00.00	281	275			258
					896	1133			507
		NOISE WALL 5C							
	652	5301+00.00		5304+07.00	34	5			139
					24	0			47
	653	5304+50.00		5307+91.00	26	0			59
					29	4			108
	654	5308+00.00		5310+50.00	7	0			21
					29	0			109
	655	5311+00.00		5312+25.00	15	2			62
					0	0			0
		NOISE WALL 6A							
	656	6101+00.00		6104+50.00	50	0			190
					80	0			303
	657	6105+00.00		6108+50.00	34	46			322
					55	15			141
	658	6109+00.00		6109+50.00	14	2			38
					0	0			0
		NOISE WALL 6B							
	659	6201+00.00		6203+84.00	18	7			64
					9	15			99
	660	6204+00.00		6206+00.00	28	4			66
					17	0			48
	661	6206+50.00		6209+00.00	27	0			40
					4	0			0
TOTALS CARRIED TO SHEET 3 OF 3					2469	1690			5055

REF NO.	SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY	203 GRANULAR MATERIAL, TYPE B CY	203 GRANULAR MATERIAL, TYPE D CY	659 SEEDING AND MULCHING SY
		NOISE WALL 6C							
	662	6300+00.00	TO	6303+50.00	22	1			10
					75	8			67
	663	6304+00.00		6307+15.00	558	641			424
					707	869			515
	664	6307+50.00		6308+99.31	273	308			267
					22	23			30
		NOISE WALL 6D							
	665	6400+00.00		6402+50.00	49	41			38
					63	3			43
	666	6403+00.00		6405+00.00	20	7			45
					28	13			78
		NOISE WALL 6E							
	667	6500+00.00		6503+00.00	31	0			43
					57	0			188
	668	6503+50.00		6505+00.00	29	0			204
					0	0			0
EARTHWORK TOTALS THIS SHEET					1934	1914			1952
EARTHWORK TOTALS FROM 1 OF 3					76888	117884	1078	3154	73183
EARTHWORK TOTALS FROM 1 OF 3					33317	1379			37198
EARTHWORK TOTALS FROM 2 OF 3					23806	1238			38876
EARTHWORK TOTALS FROM 2 OF 3					30076	61981	836	2450	29201
EARTHWORK TOTALS FROM 3 OF 3					2469	1690			5055
TOTALS CARRIED TO GENERAL SUMMARY					168490	186086	1914	5604	185465

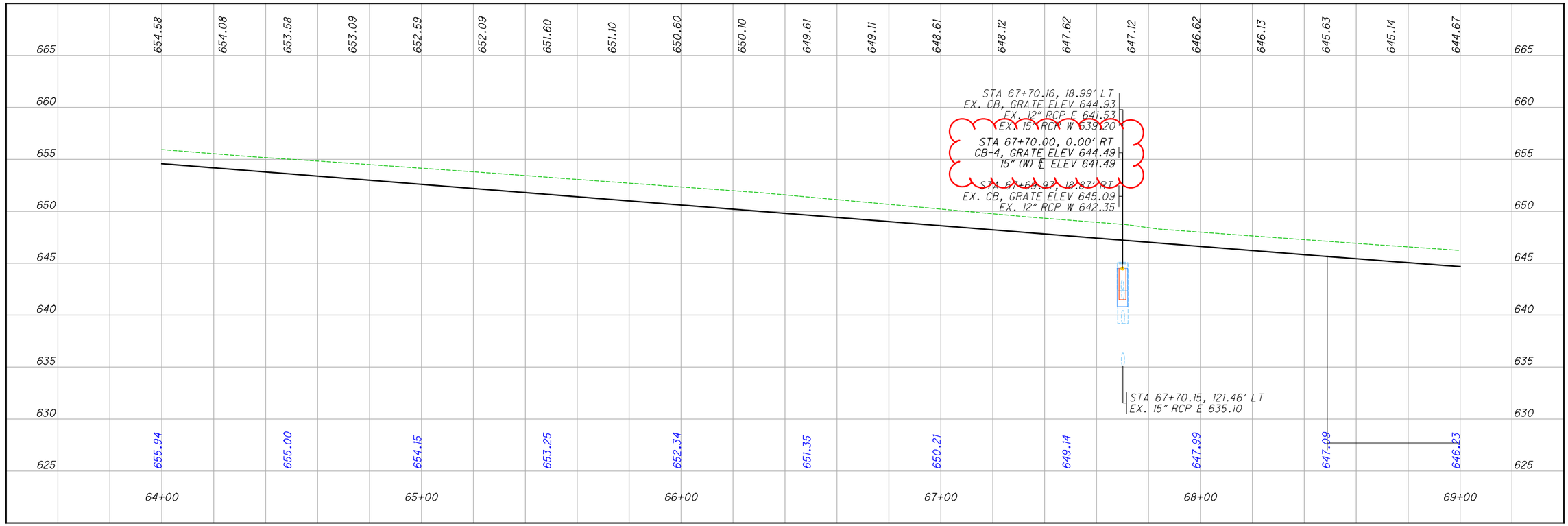
CALCULATED JRB
CHECKED XXX

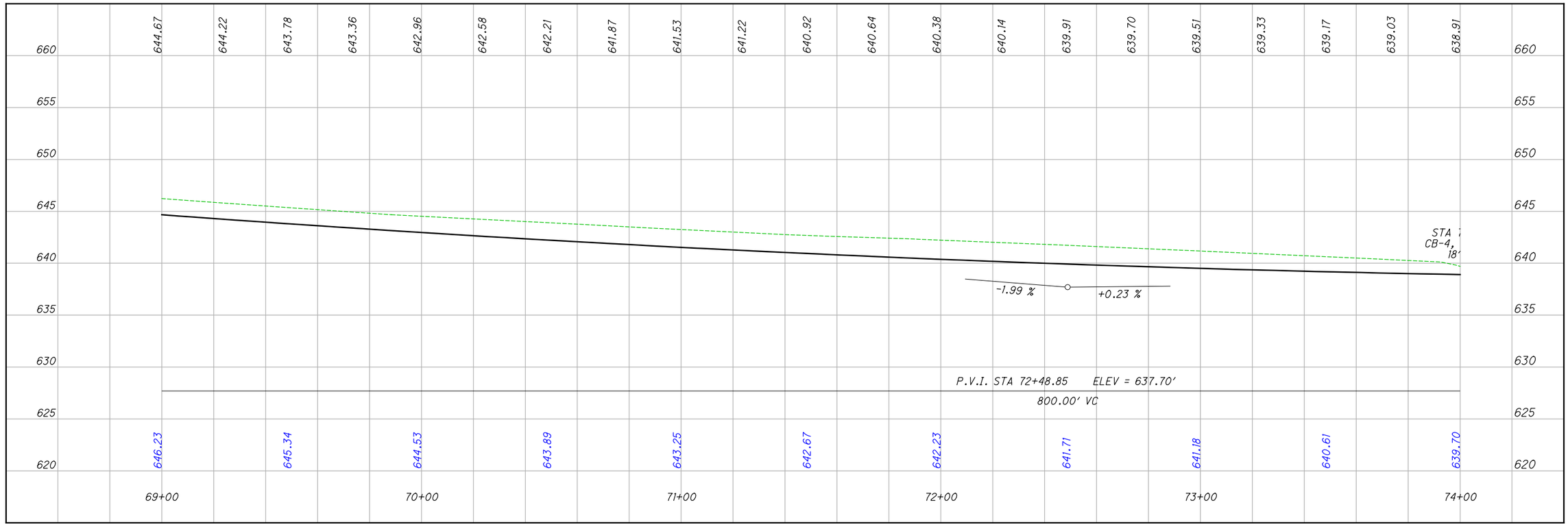
EARTHWORK SUBSUMMARY SHEET 3 OF 3

LUC-475-0.09

214
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GS006.dgn Sheet 4/29/2022 9:52:21 AM jbidinge





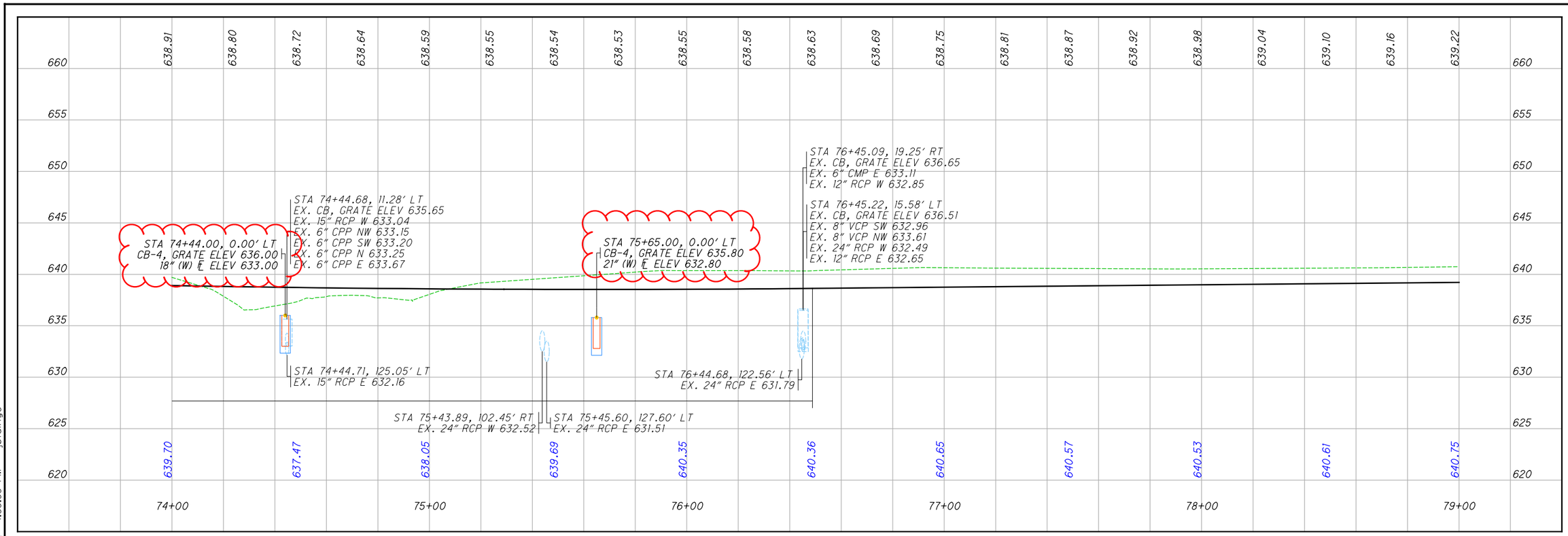
CALCULATED JRB
CHECKED XXX

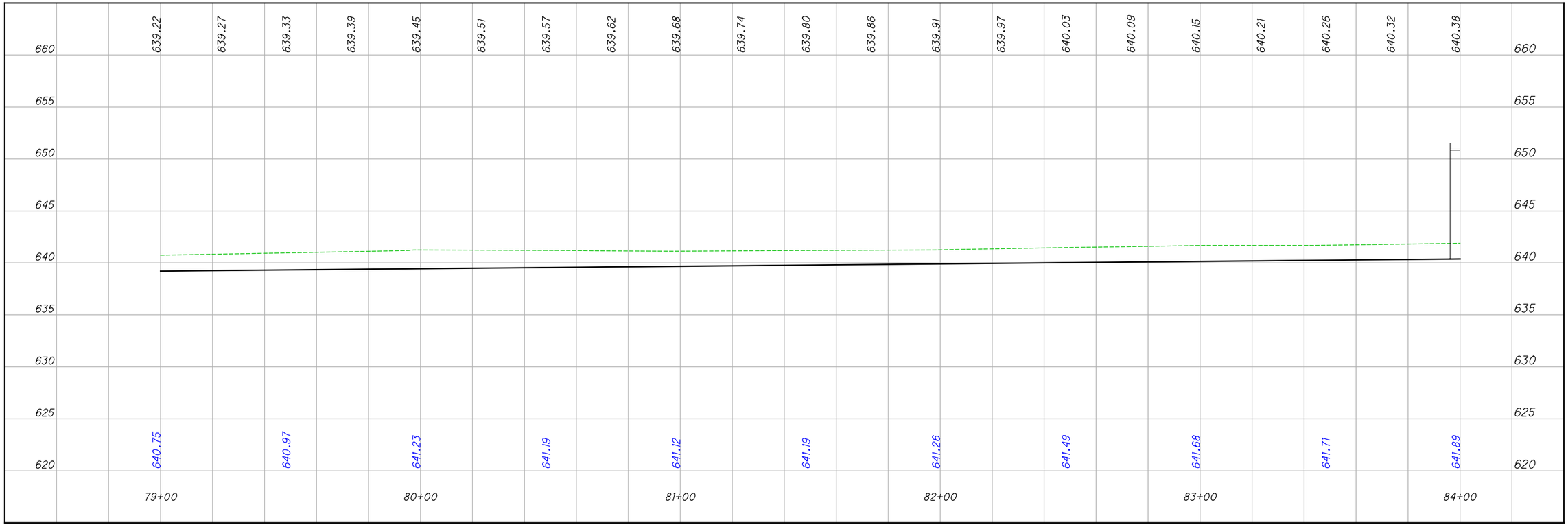
PROFILE IR 475 - STA. 64+00 TO STA. 74+00

LUC-475-0.09

261
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GF007.dgn Sheet 4/26/2022 4:33:33 PM jbidinge





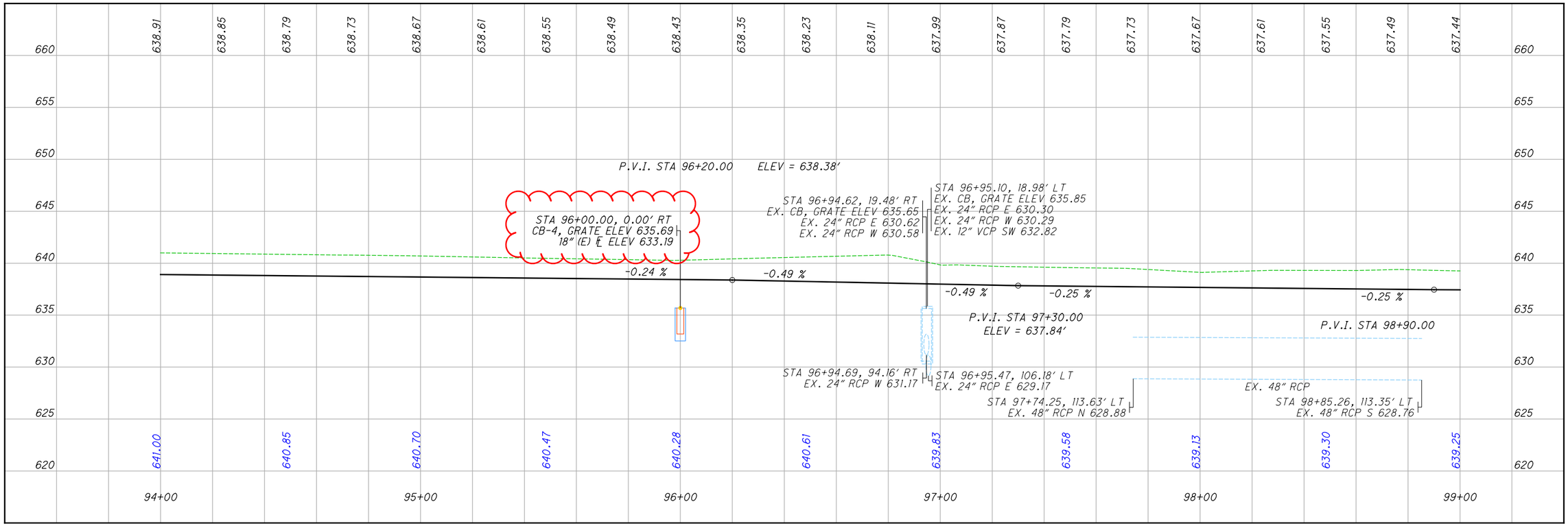
CALCULATED JRB
CHECKED XXX

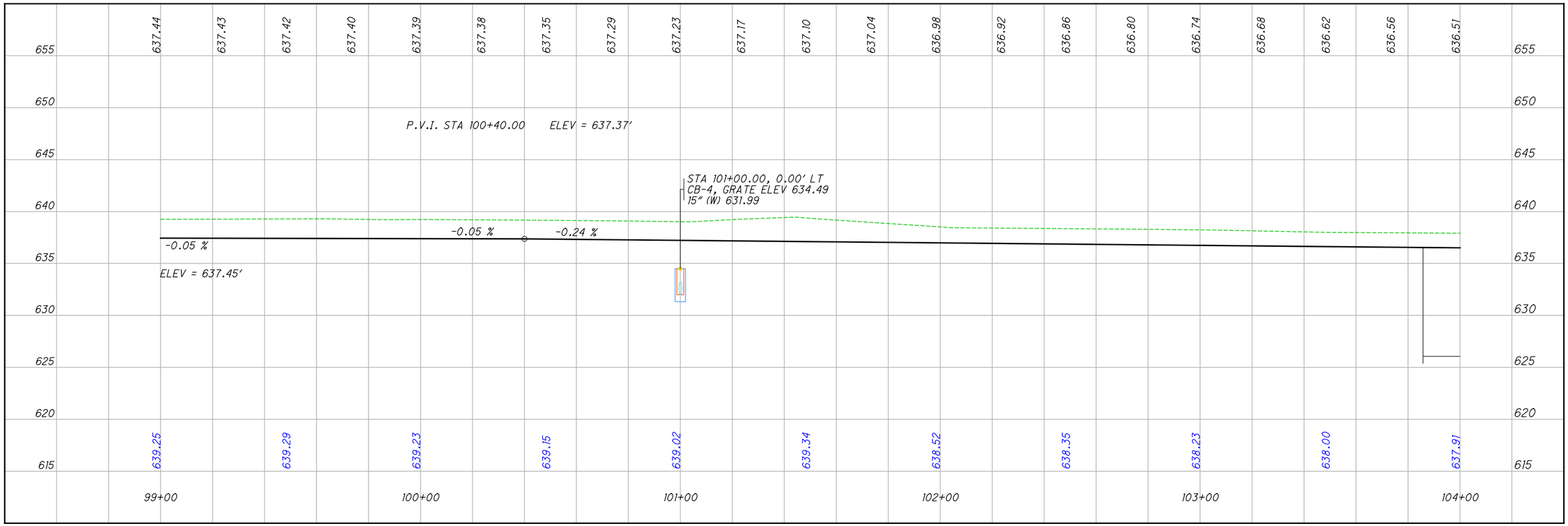
PROFILE IR 475 - STA. 74+00 TO STA. 84+00

LUC-475-0.09

264
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GF008.dgn Sheet 4/26/2022 4:33:33 PM jbidinge





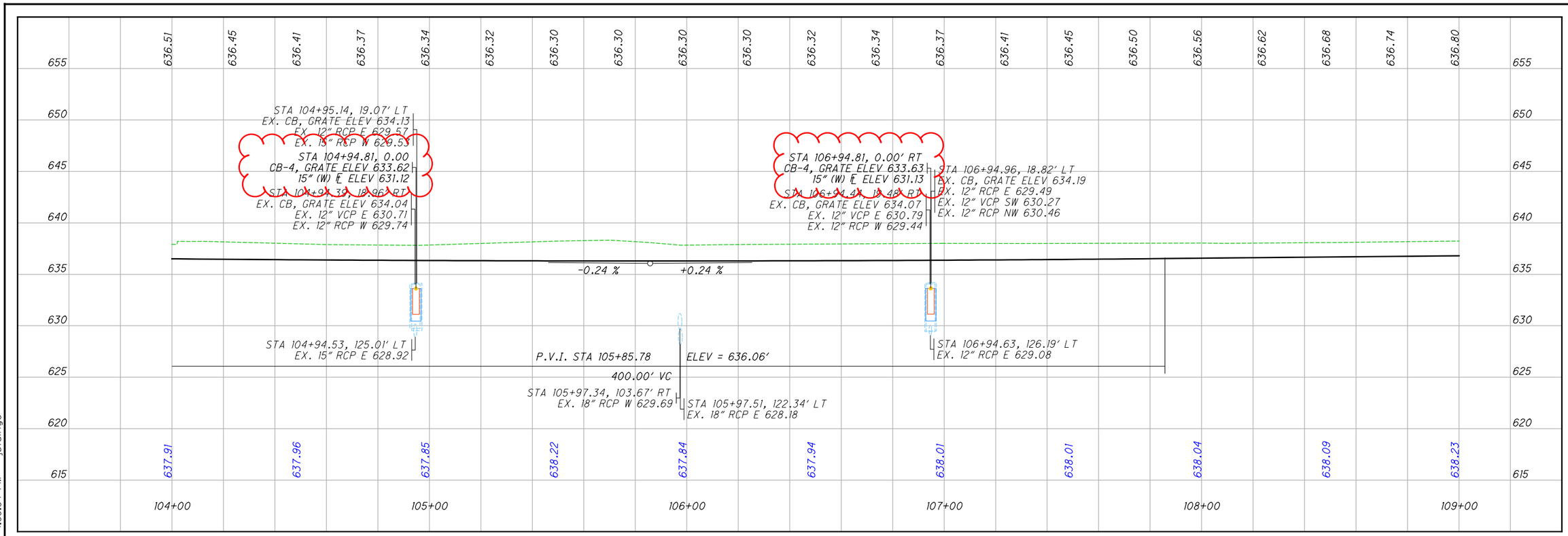
CALCULATED JRB
CHECKED XXX

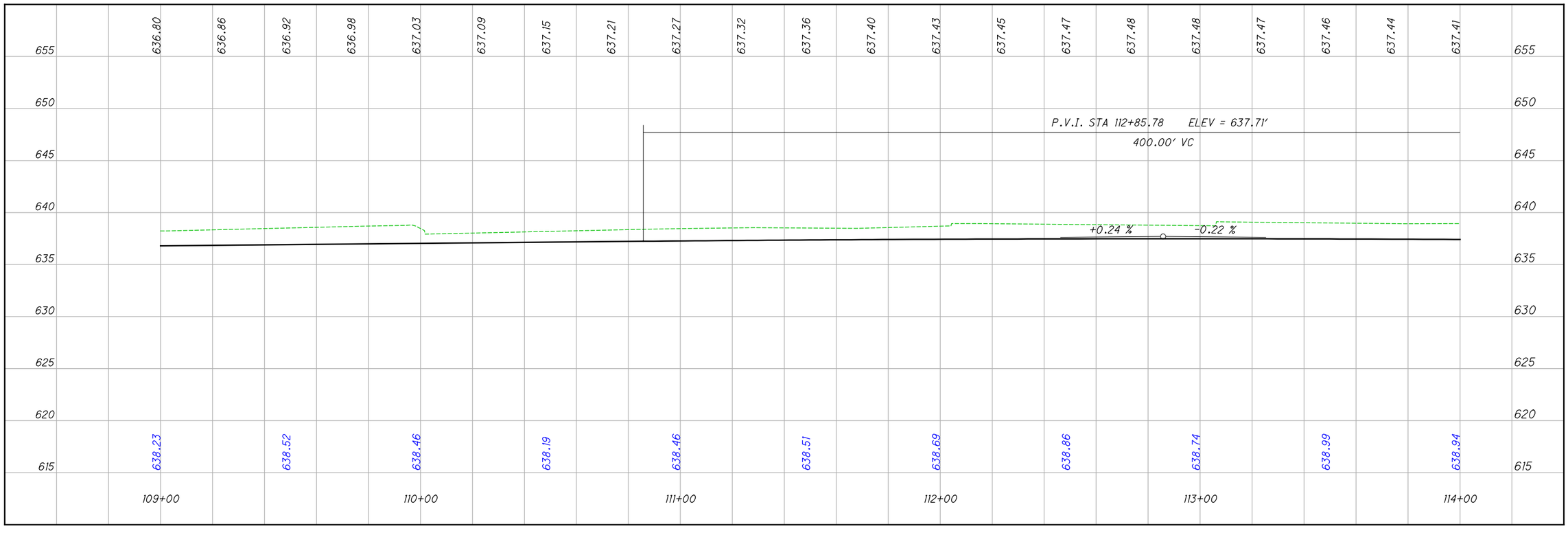
PROFILE IR 475 - STA. 94+00 TO STA. 104+00

LUC-475-0.09

270
855

I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GF010.dgn Sheet 4/26/2022 4:33:34 PM jbidinge





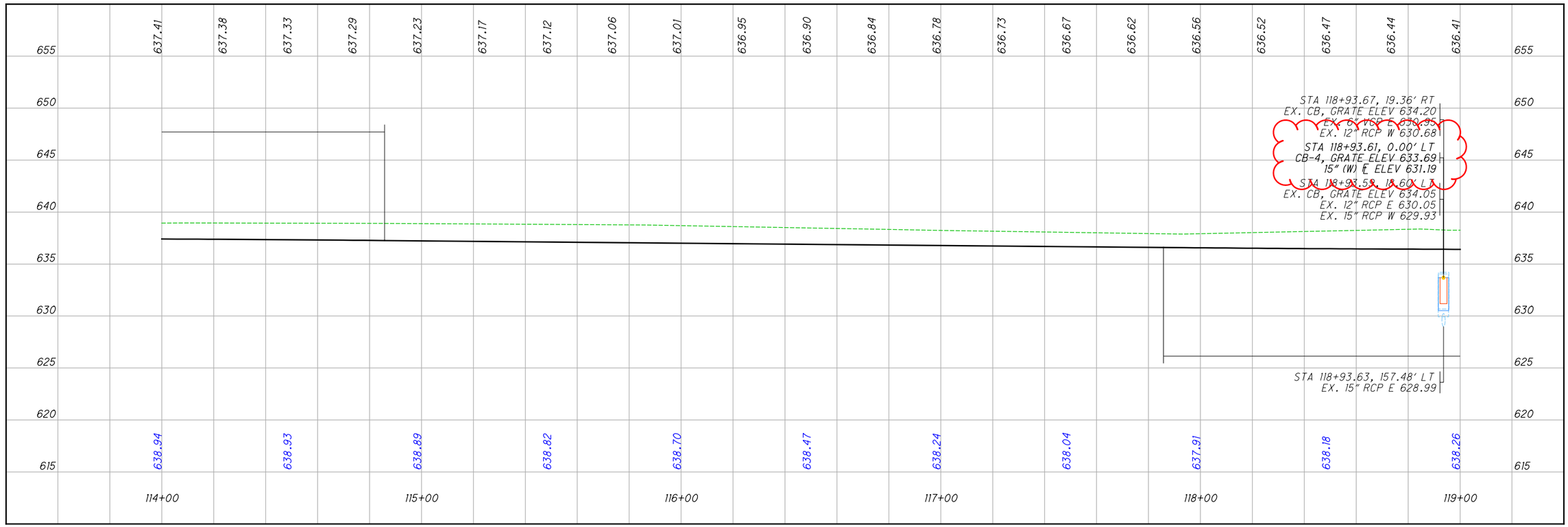
CALCULATED JRB
CHECKED XXX

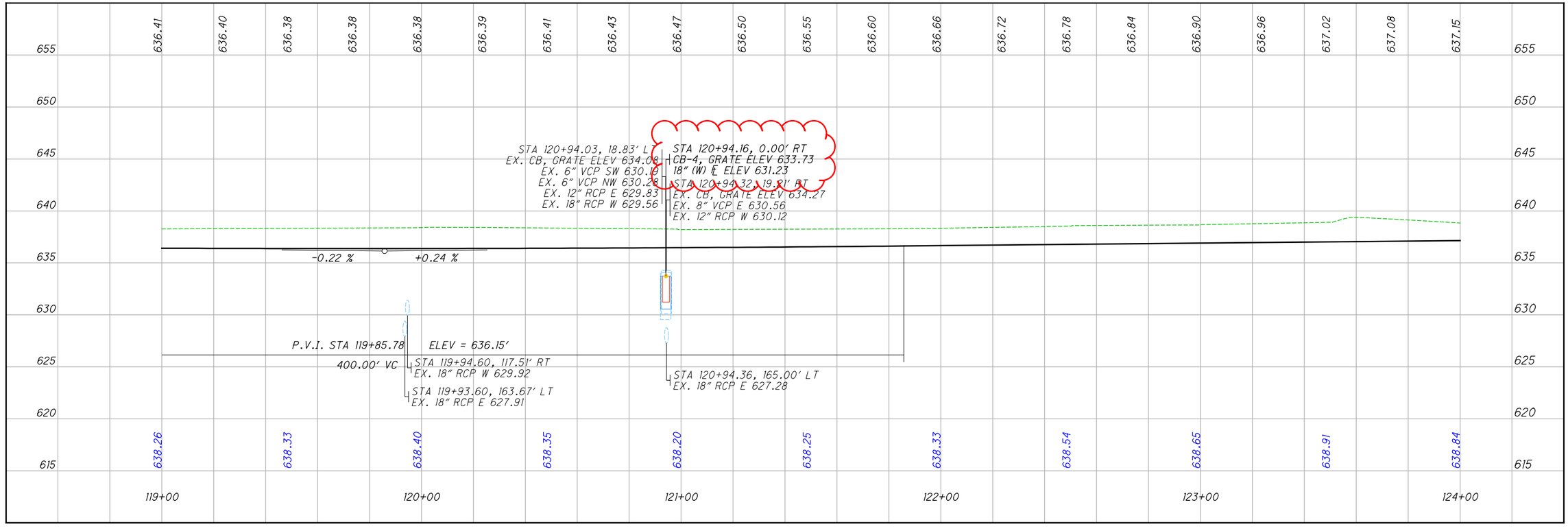
PROFILE IR 475 - STA. 104+00 TO STA. 114

LUC-475-0.09

273
855

i:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GF01.dgn Sheet 4/26/2022 4:33:34 PM jbidinge





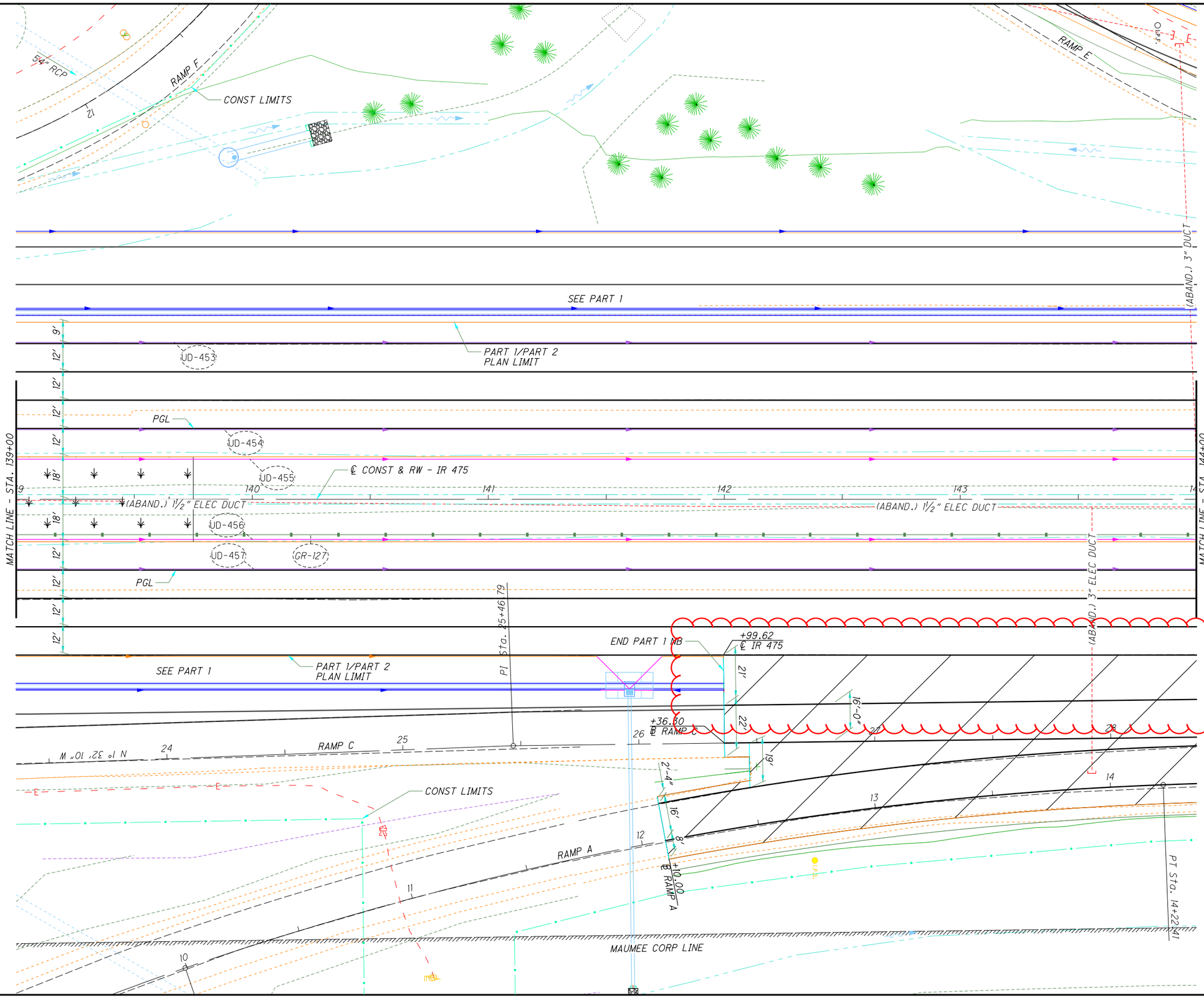
CALCULATED JRB
CHECKED XXX

PROFILE IR 475 - STA. 114+00 TO STA. 124

LUC-475-0.09

276
855

I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GF012.dgn Sheet 4/26/2022 4:33:35 PM jbidinge



i:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GP028.dgn Sheet 4/27/2022 9:16:27 AM jbidinge

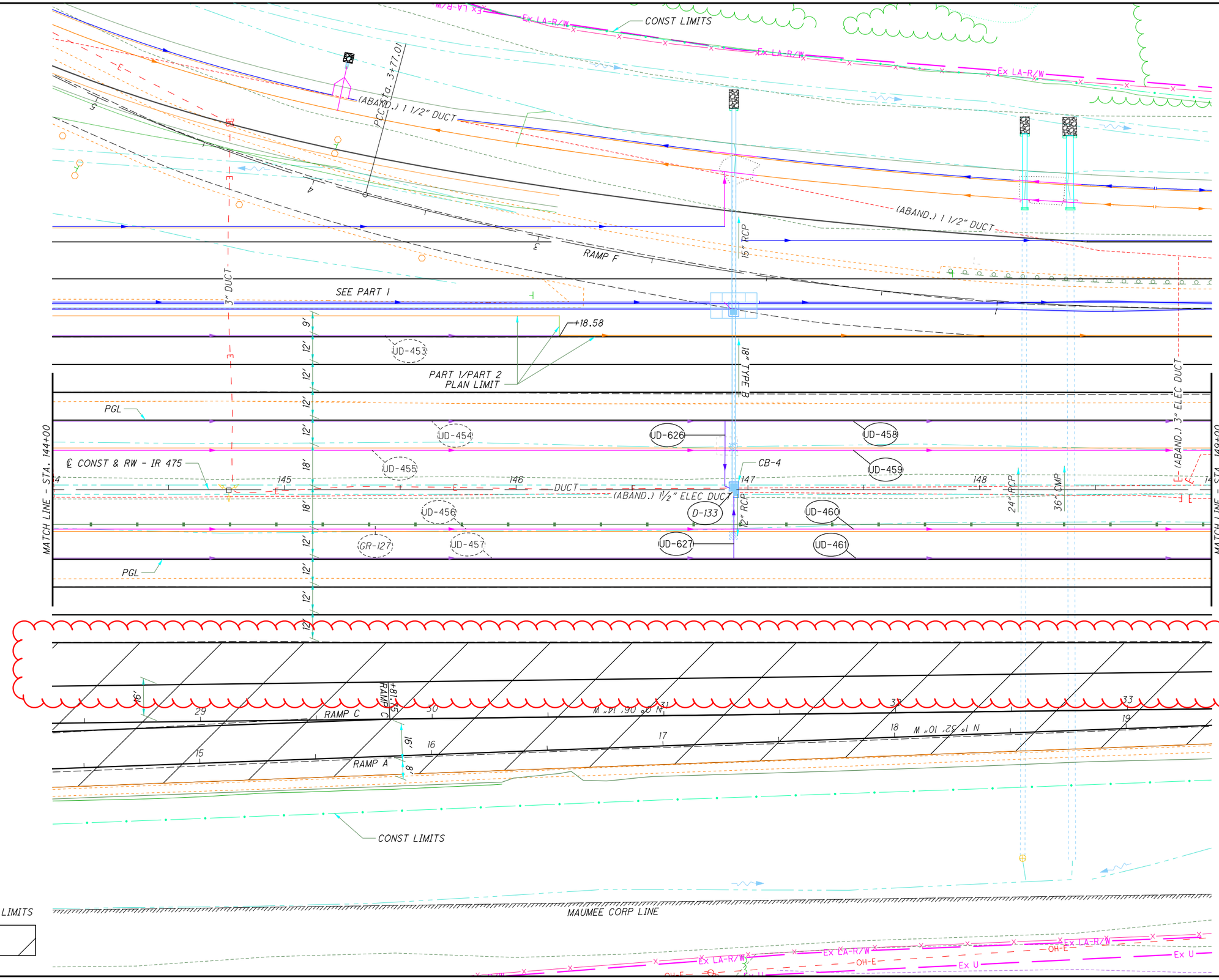
HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JRB
CHECKED XXX

PLAN SHEET IR 475
STA. 139+00 TO STA. 144+00

LUC-475-0.09

281
855



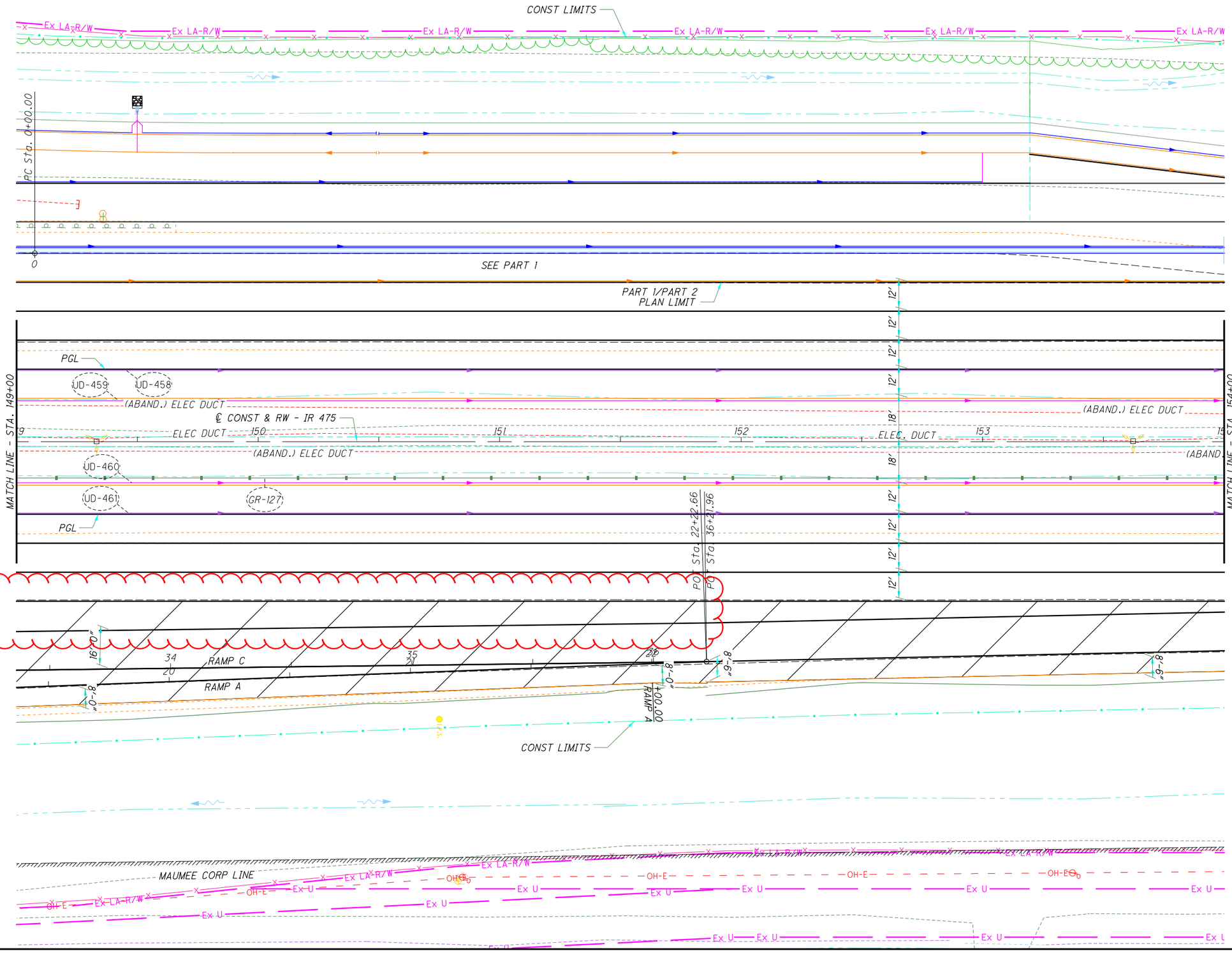
I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GP029.dgn Sheet 4/27/2022 9:16:32 AM jbidinge

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JRB
CHECKED XXX

PLAN SHEET IR 475
STA. 144+00 TO STA. 149+00

LUC-475-0.09



MILL & FILL LIMITS

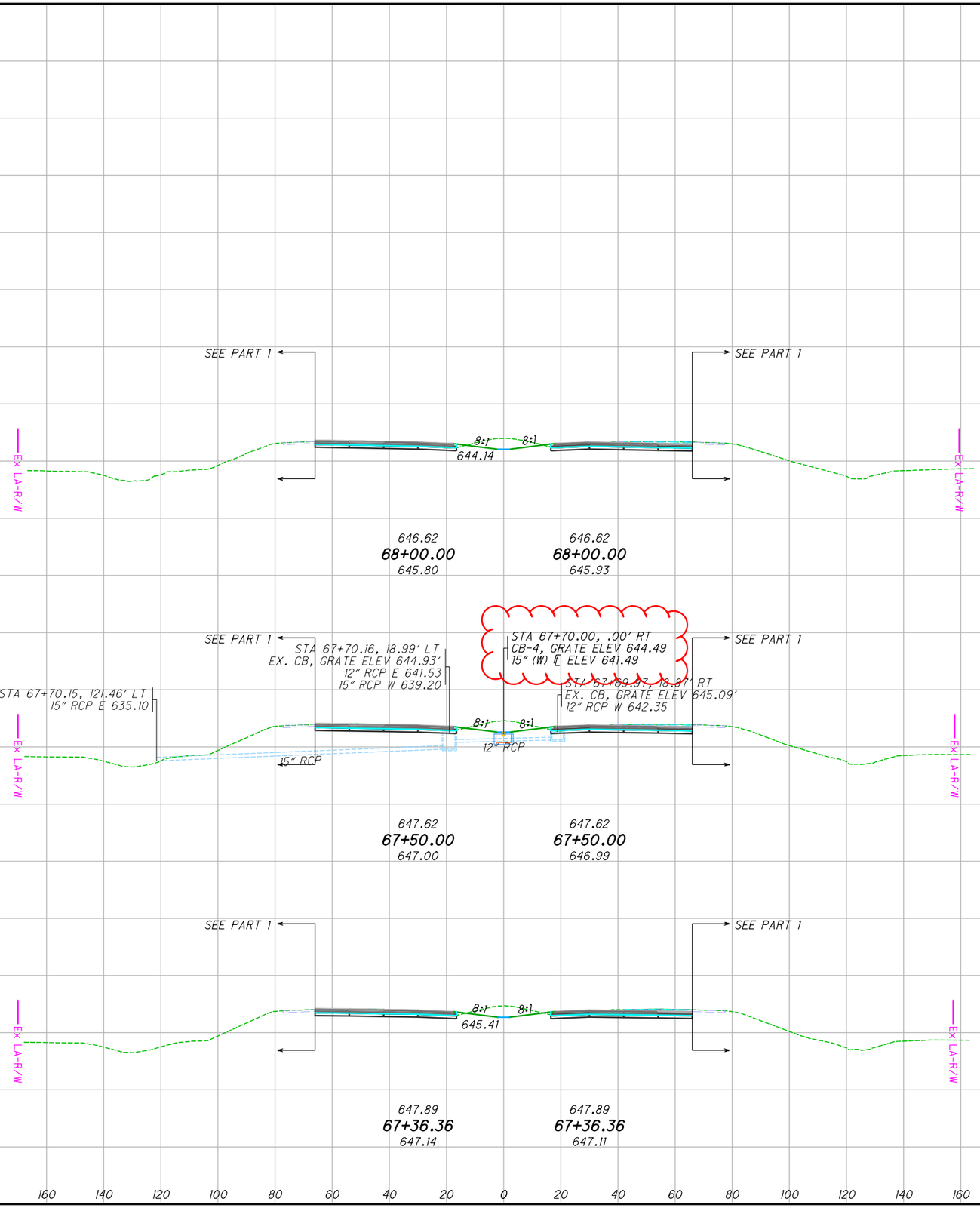
CALCULATED JRB
CHECKED XXX

PLAN SHEET IR 475
STA. 149+00 TO STA. 154+00

LUC-475-0.09

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_GP030.dgn Sheet 4/27/2022 9:16:38 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.2	202
36.2	54
36.2	146
	402



END AREA	
CUT	FILL
119	5
126	4
123	3

VOLUME	
CUT	FILL
226	8
63	2
164	4
453	14

CALCULATED JRB
CHECKED XXX

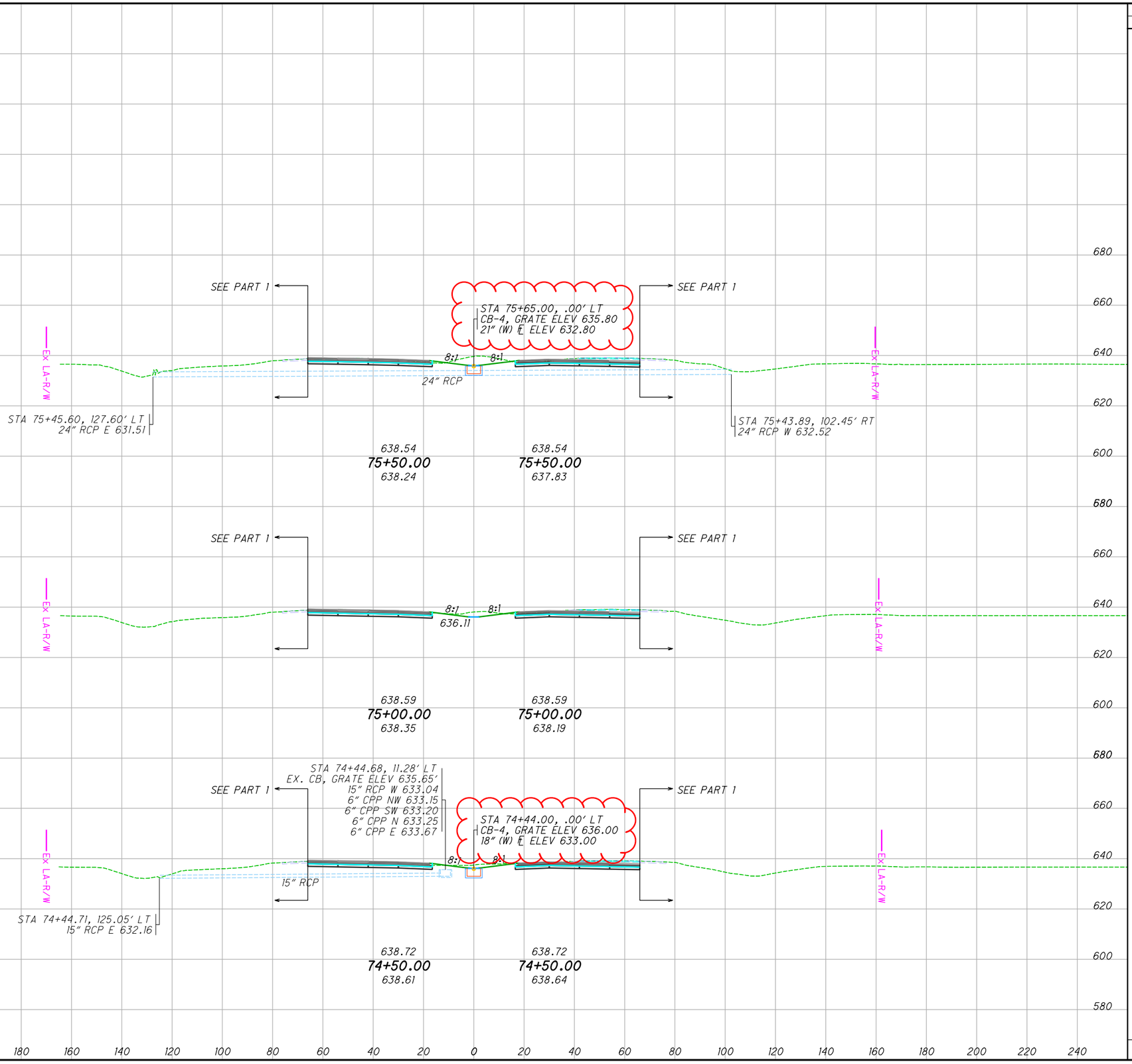
CROSS SECTIONS
STA. 67+36.36 TO STA. 68+00.00

LUC-475-0.9

367
855

J:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 3:58:38 PM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.2	202
36.2	202
36.2	202
	606



END AREA	
CUT	FILL
131	4
111	2
115	2

VOLUME	
CUT	FILL
225	5
210	4
209	12
644	21

CALCULATED JRB
CHECKED XXX

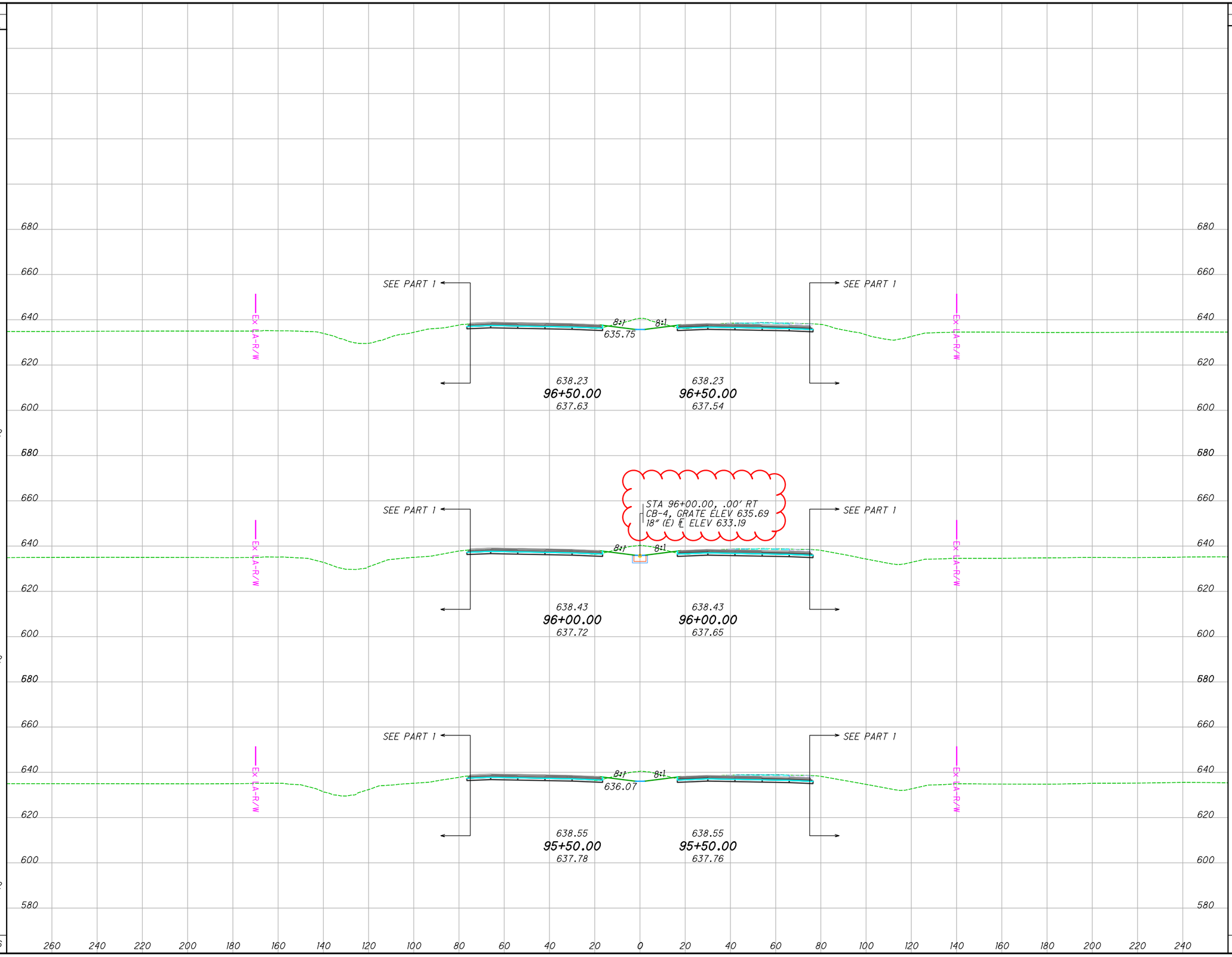
CROSS SECTIONS
STA. 74+50.00 TO STA. 75+50.00

LUC-475-0.9

372
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 3:58:41 PM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.2	202
36.2	202
36.2	202
	606



END AREA	
CUT	FILL
163	5
155	4
157	4

VOLUME	
CUT	FILL
295	9
289	8
291	8
875	25

CALCULATED JRB
CHECKED XXX

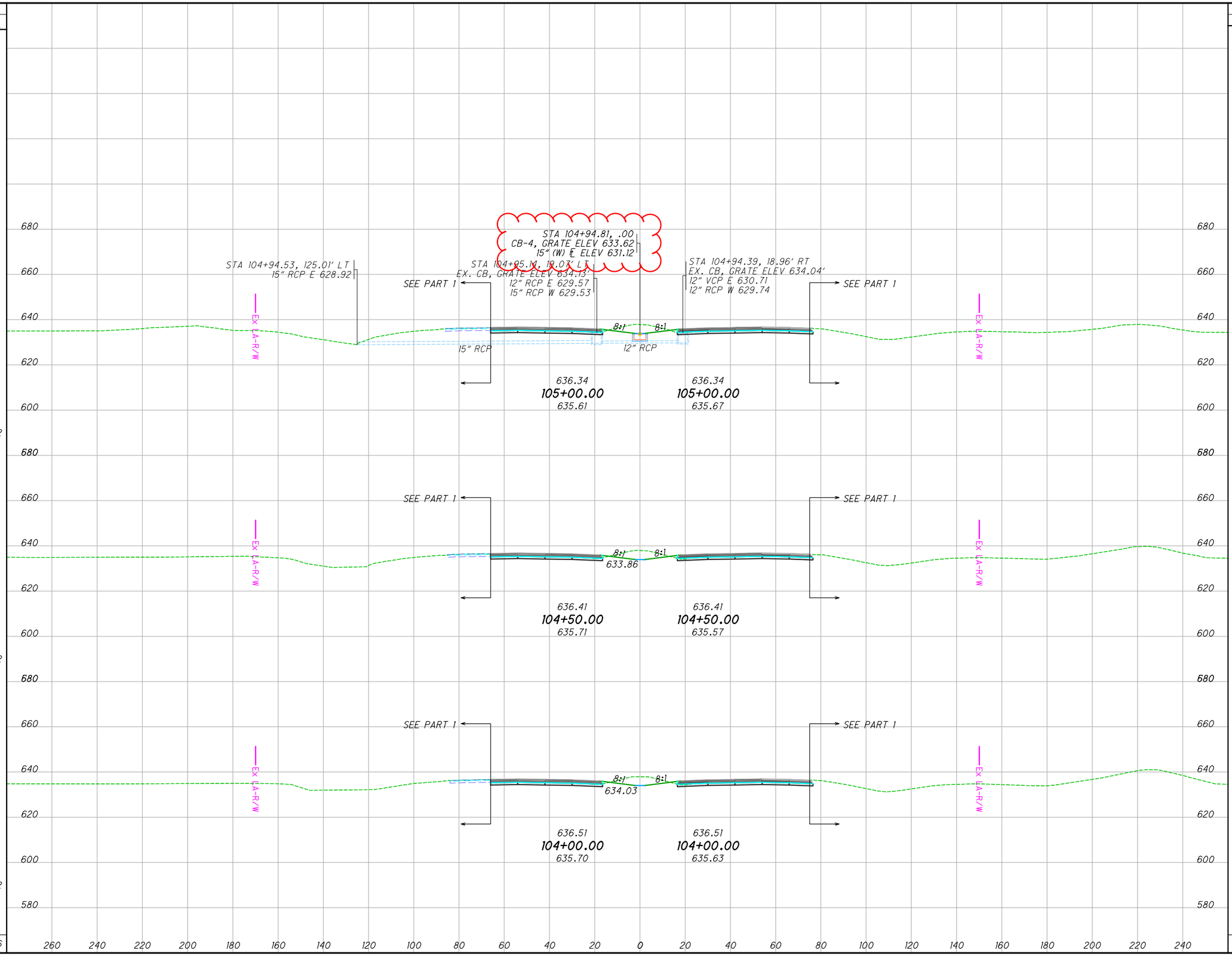
CROSS SECTIONS
STA. 95+50.00 TO STA. 96+50.00

LUC-475-0.9

386
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 3:58:44 PM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.2	202
36.2	202
36.2	202
	606



END AREA	
CUT	FILL
116	4
114	6
110	6

VOLUME	
CUT	FILL
213	9
208	10
204	11
625	30

CALCULATED JRB
CHECKED XXX

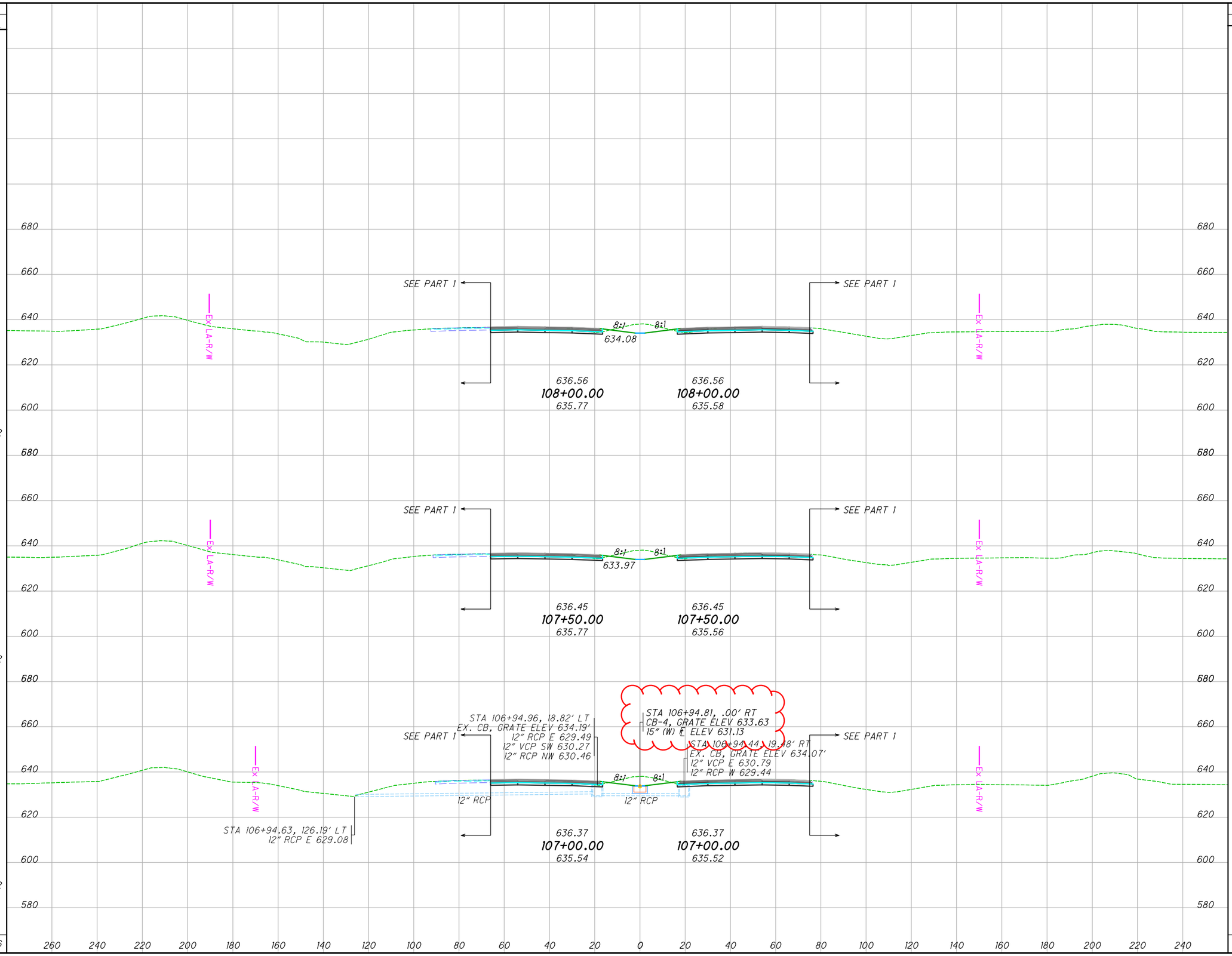
CROSS SECTIONS
STA. 104+00.00 TO STA. 105+00.00

LUC-475-0.9

392
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 4:03:51 PM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.2	202
36.2	202
36.2	202
	606



END AREA	
CUT	FILL
104	7
110	5
116	5

VOLUME	
CUT	FILL
198	11
209	9
212	6
619	26

CALCULATED JRB
CHECKED XXX

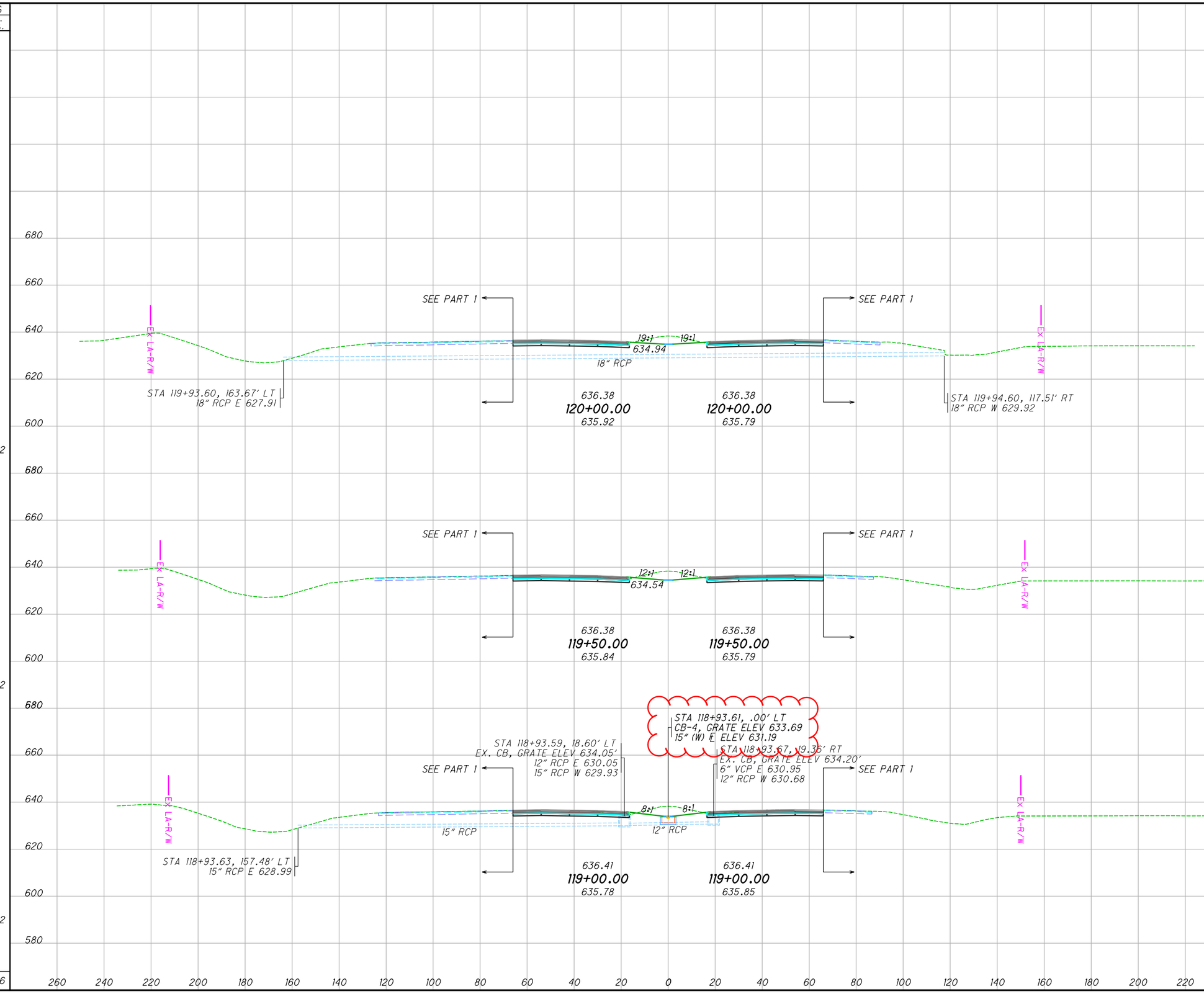
CROSS SECTIONS
STA. 107+00.00 TO STA. 108+00.00

LUC-475-0.9

394
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 3:58:49 PM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.0	202
36.2	202
36.2	202
	606



END AREA	
CUT	FILL
111	1
113	1
114	3

VOLUME	
CUT	FILL
208	2
210	3
207	6
625	11

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 119+00.00 TO STA. 120+00.00

LUC-475-0.9

402
855

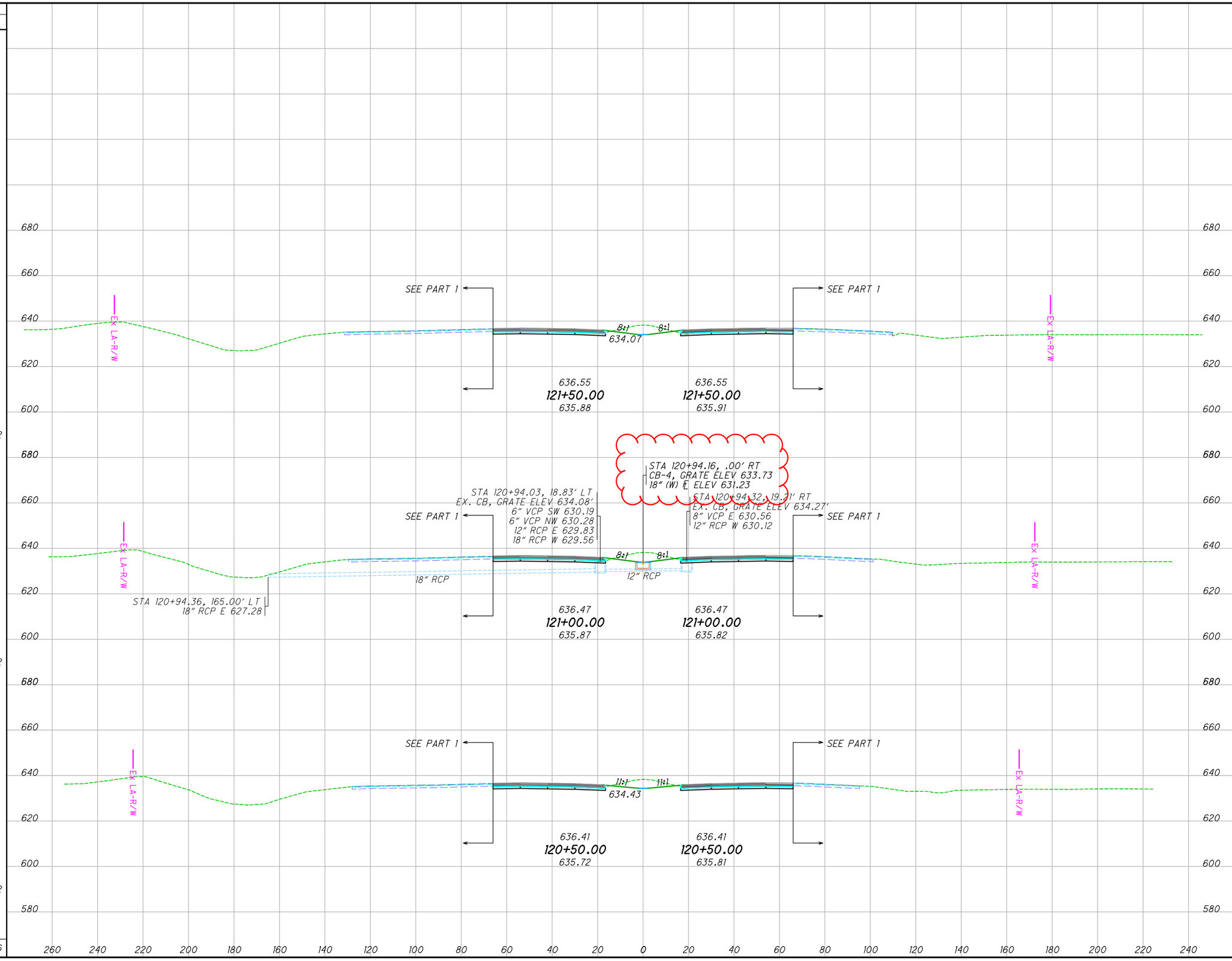
I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 3:58:52 PM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
36.2	202
36.2	202
36.2	202
	606

END AREA	
CUT	FILL
108	4
111	5
112	1

VOLUME	
CUT	FILL
203	8
206	6
207	2
616	16

CALCULATED JRB
CHECKED XXX



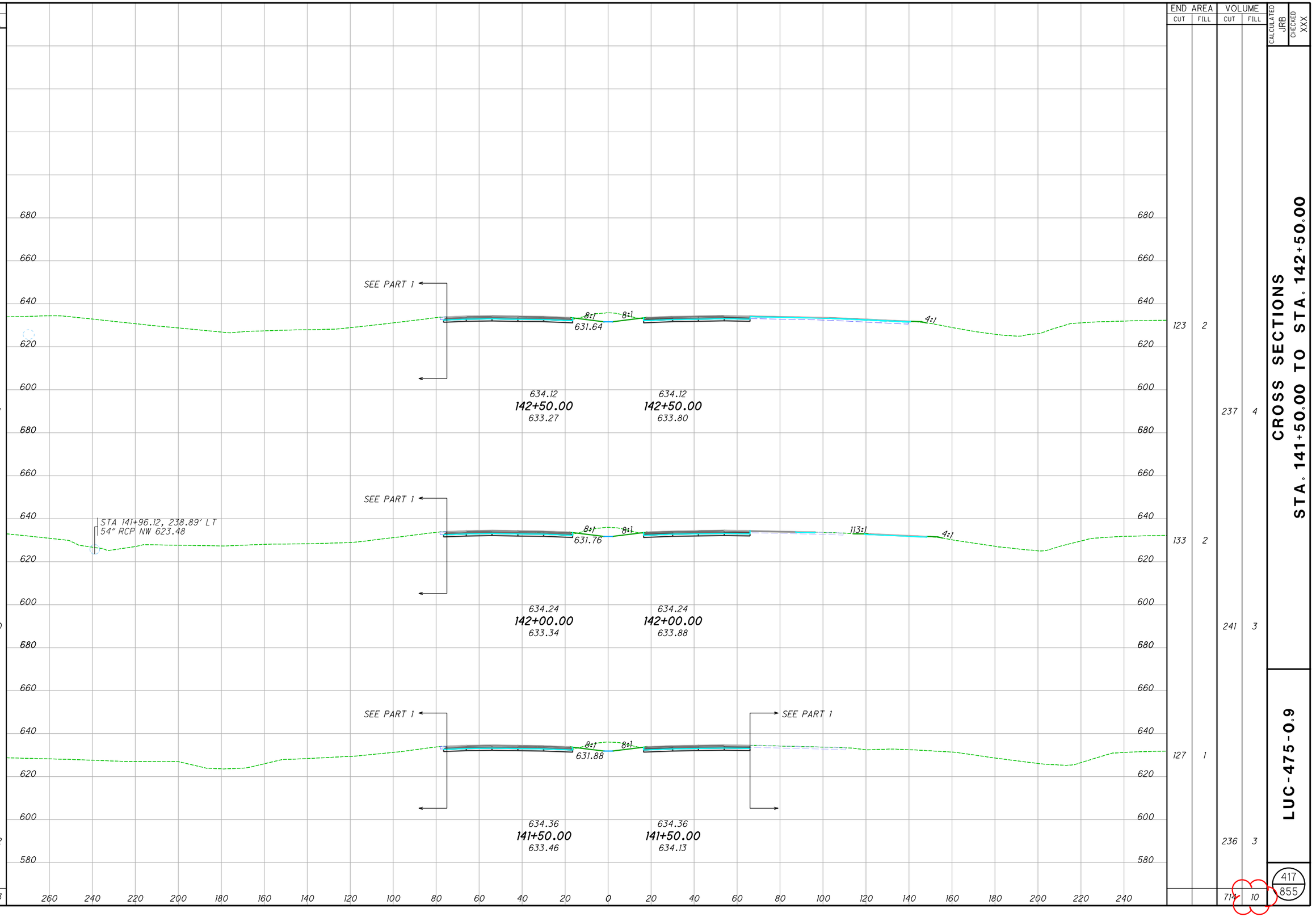
CROSS SECTIONS
STA. 120+50.00 TO STA. 121+50.00

LUC-475-0.9

403
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001.dgn Sheet 4/26/2022 3:58:55 PM jbidinge

SEEDING		END AREA		VOLUME		CALCULATED	CHECKED
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	JRB	XXX
43.6	261	123	2	237	4		
50.1	240	133	2	241	3		
36.2	202	127	1	236	3		
	703			714	10		



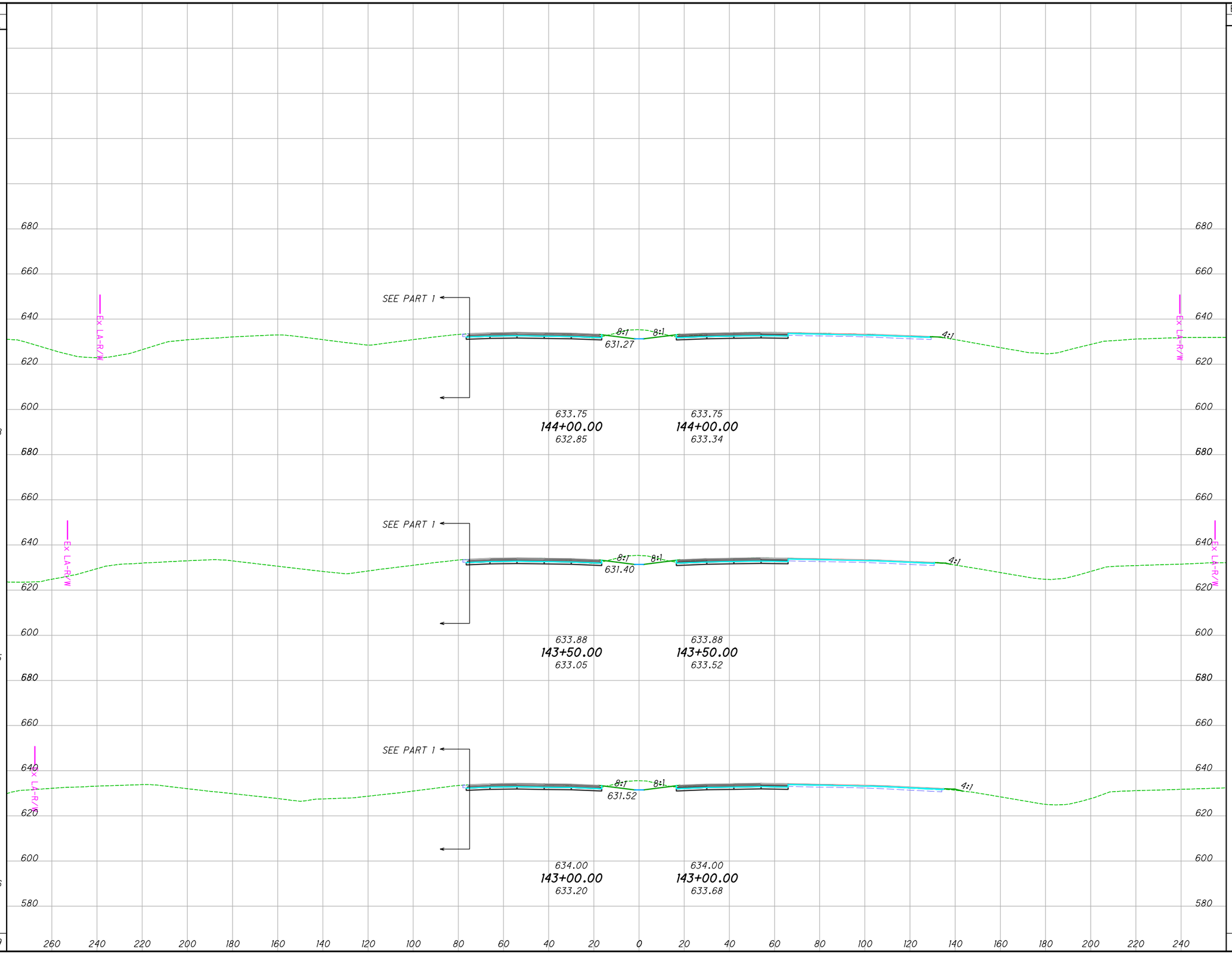
CROSS SECTIONS
STA. 141+50.00 TO STA. 142+50.00

LUC-475-0.9

417
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:53 AM jbidinge

SEEDING		END AREA		VOLUME		CALCULATED	CHECKED
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	JRB	XXX
42.2	238	118	4	218	7		
43.4	245	118	4	221	7		
44.8	246	121	4	226	6		
	729			665	20		



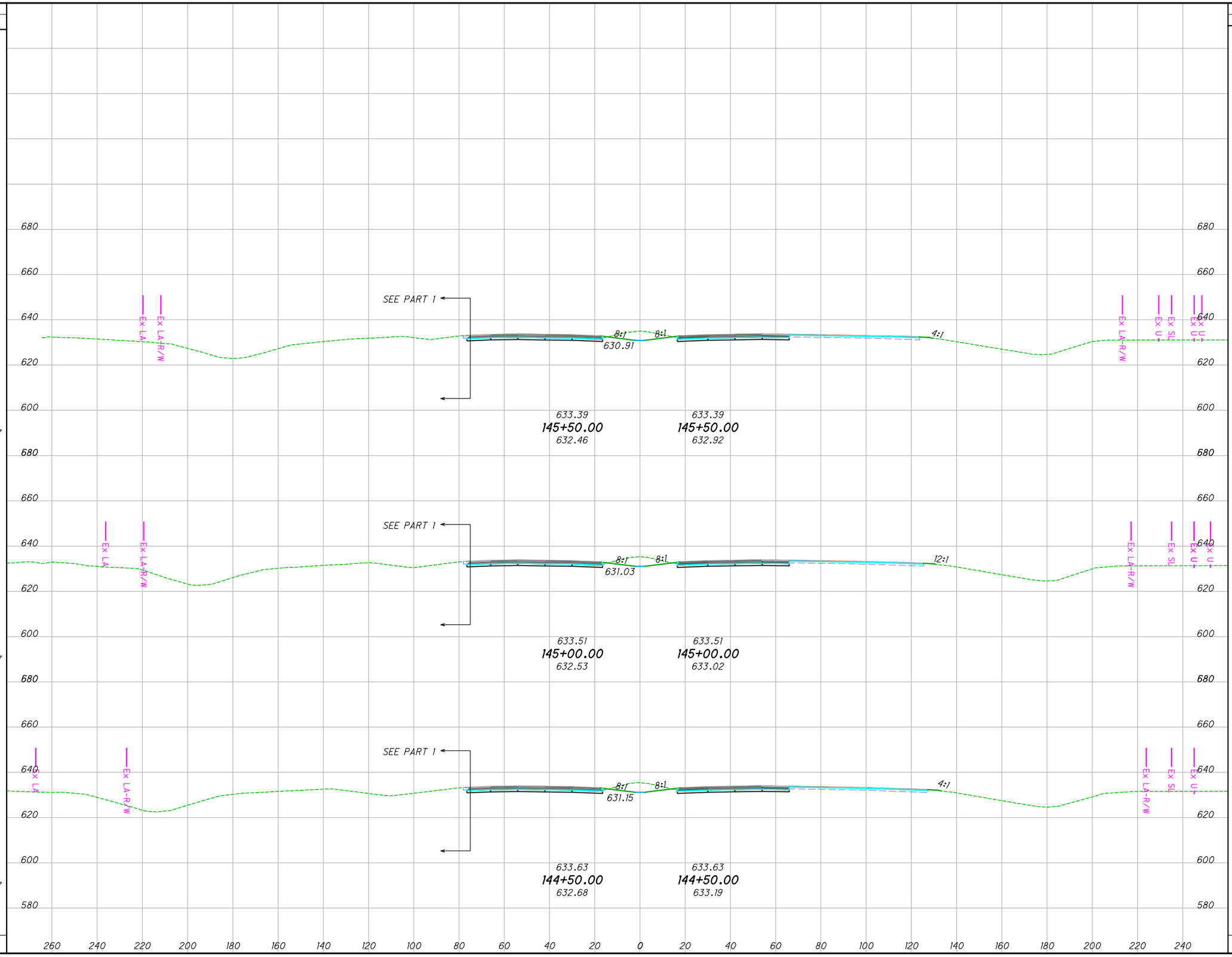
CROSS SECTIONS

STA. 143+00.00 TO STA. 144+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:54 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
42.6	
	237
42.3	
	237
42.8	
	237
	711



END AREA	
CUT	FILL
117	3
118	5
119	5
655	24

VOLUME	
CUT	FILL
217	7
220	9
219	8

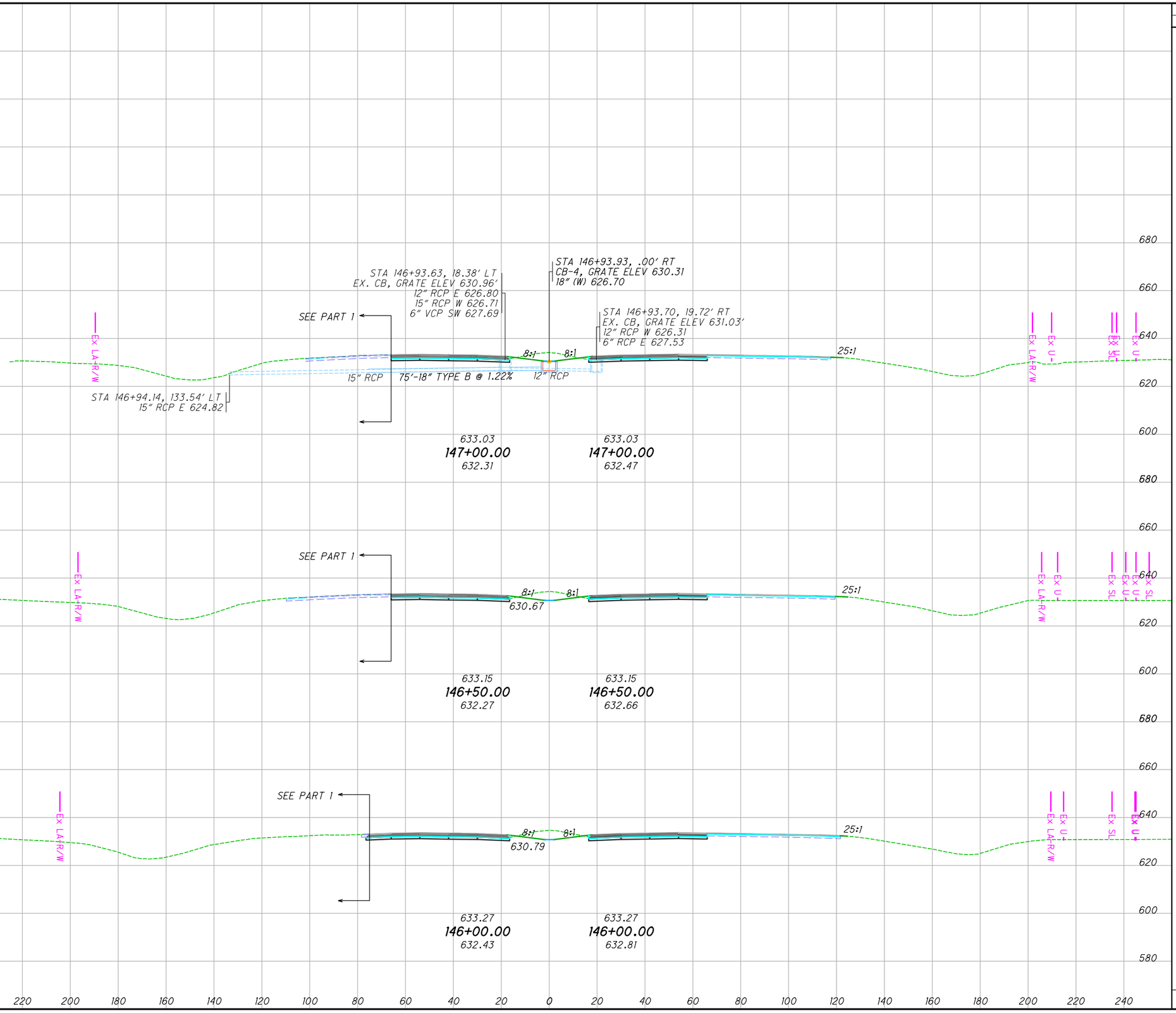
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 144+50.00 TO STA. 145+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:55 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
41.6	232
41.8	227
39.6	229
	688



END AREA	
CUT	FILL
100	4
98	4
111	3

VOLUME	
CUT	FILL
183	7
194	6
211	6
583	19

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 146+00.00 TO STA. 147+00.00

LUC-475-0.9

420
855

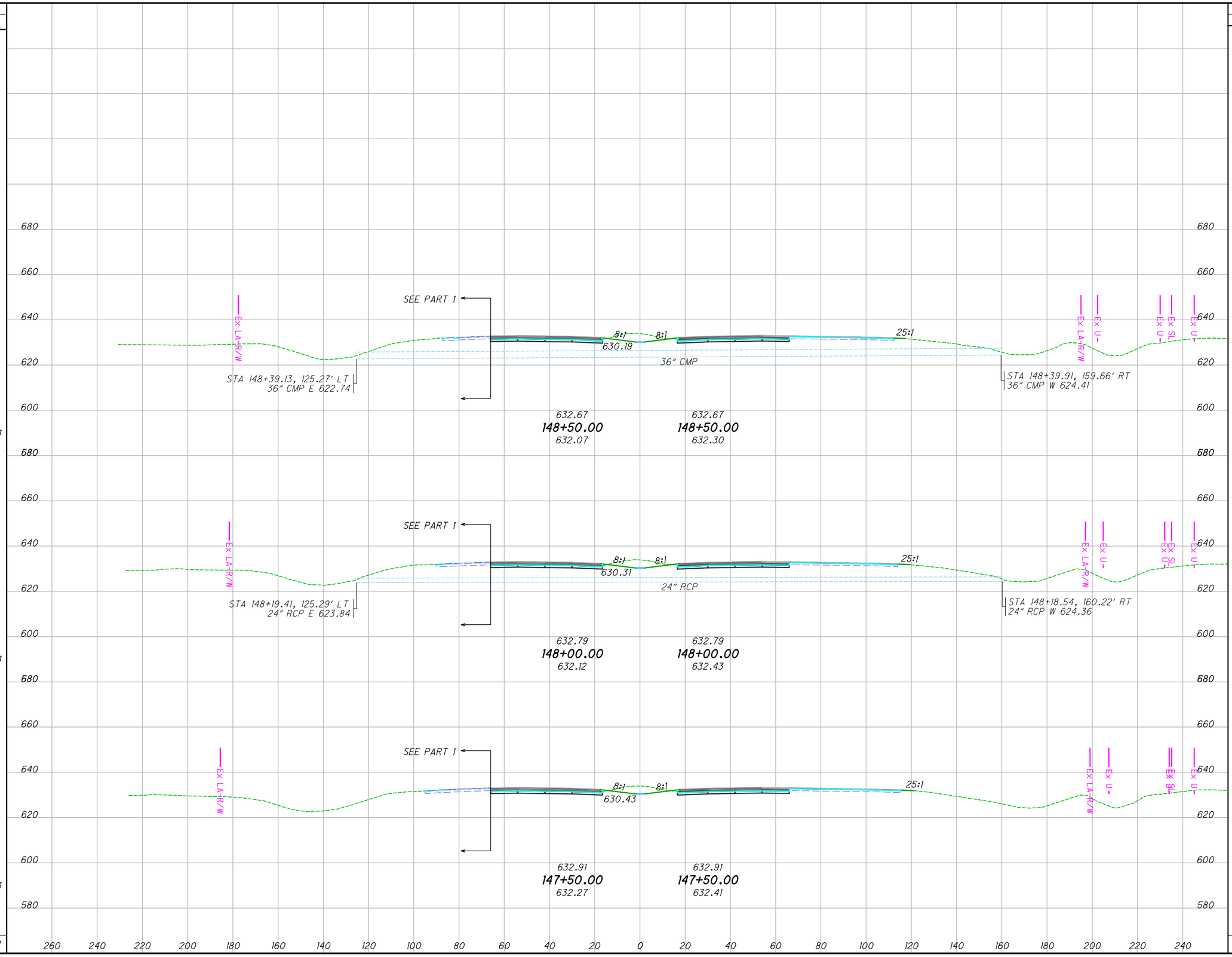
I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:56 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
42.0	234
42.1	234
41.9	233
	701

END AREA	
CUT	FILL
117	2
112	1
106	2

VOLUME	
CUT	FILL
212	3
202	3
191	6
605	12

CALCULATED JRB
CHECKED XXX

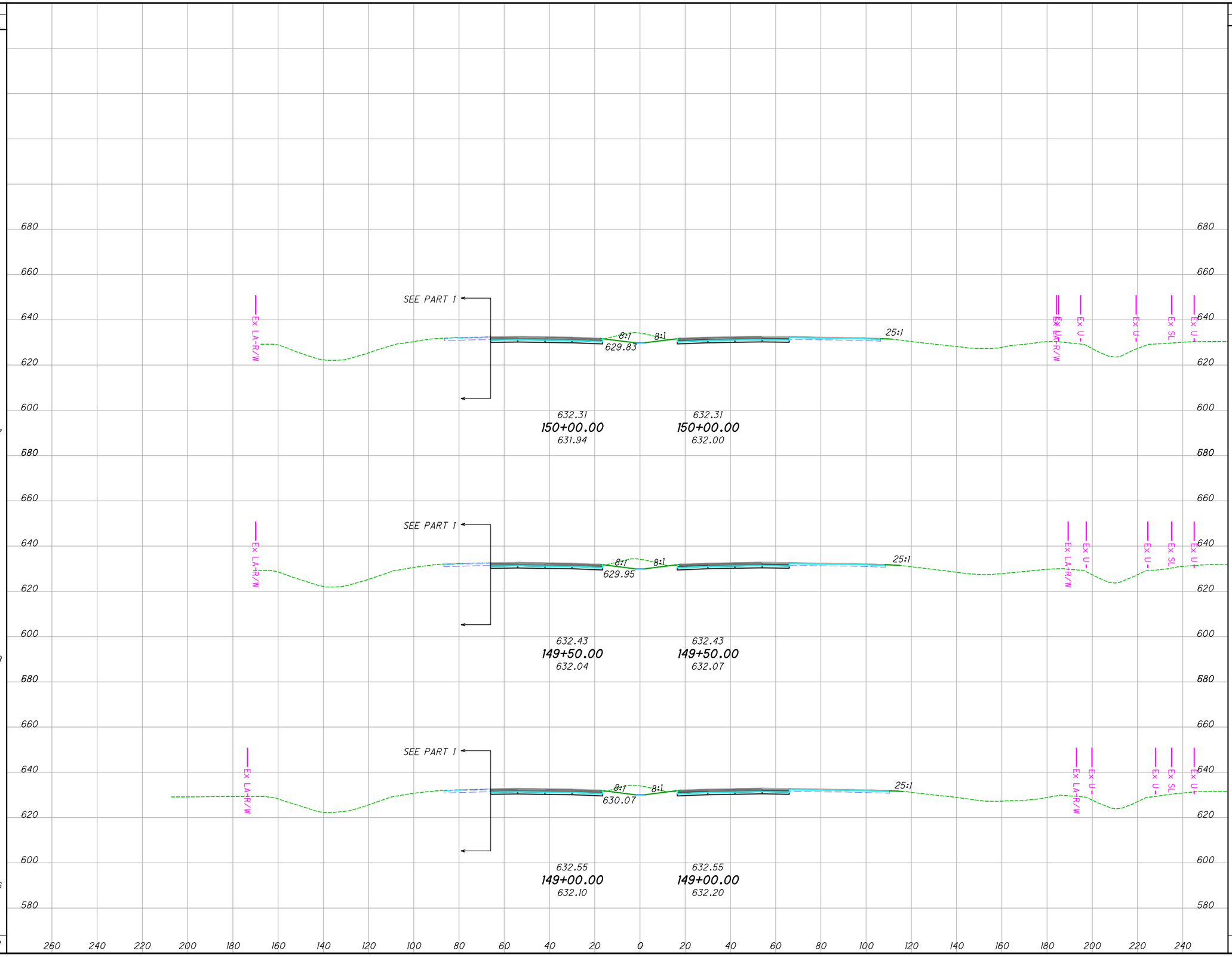


CROSS SECTIONS
STA. 147+50.00 TO STA. 148+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:57 AM jbidinge

SEEDING		END AREA		VOLUME		CALCULATED JRB
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	CHECKED XXX
41.8	237	138	0	252		
43.1	239	134	0	240	1	
42.7	236	125	1	224	3	
	712			716	4	



CROSS SECTIONS

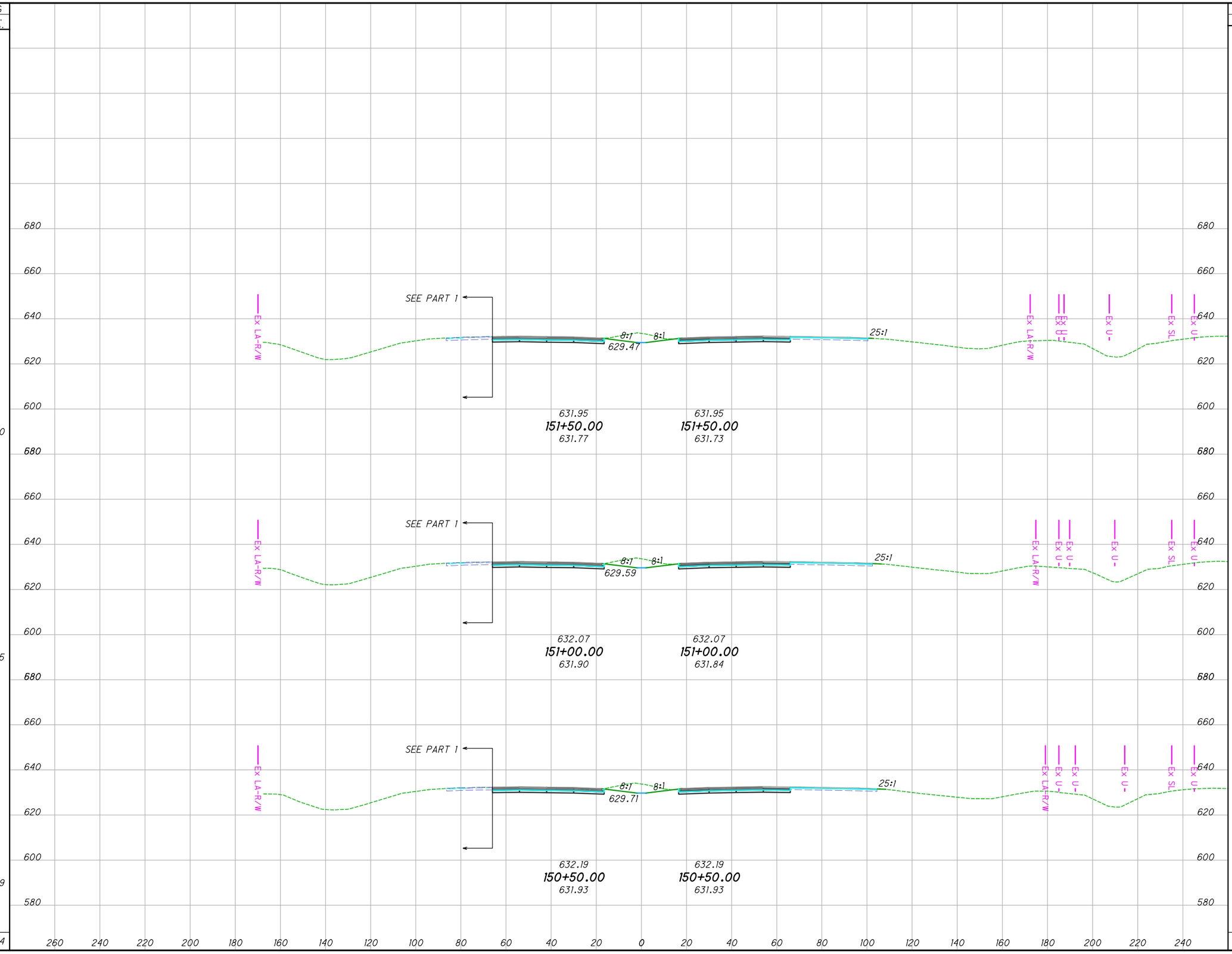
STA. 149+00.00 TO STA. 150+00.00

LUC-475-0.9

422
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:58 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
38.7	220
40.2	225
40.5	229
	674



END AREA	
CUT	FILL
136	1
137	0
138	0

VOLUME	
CUT	FILL
252	1
255	
256	
763	1

CALCULATED JRB
CHECKED XXX

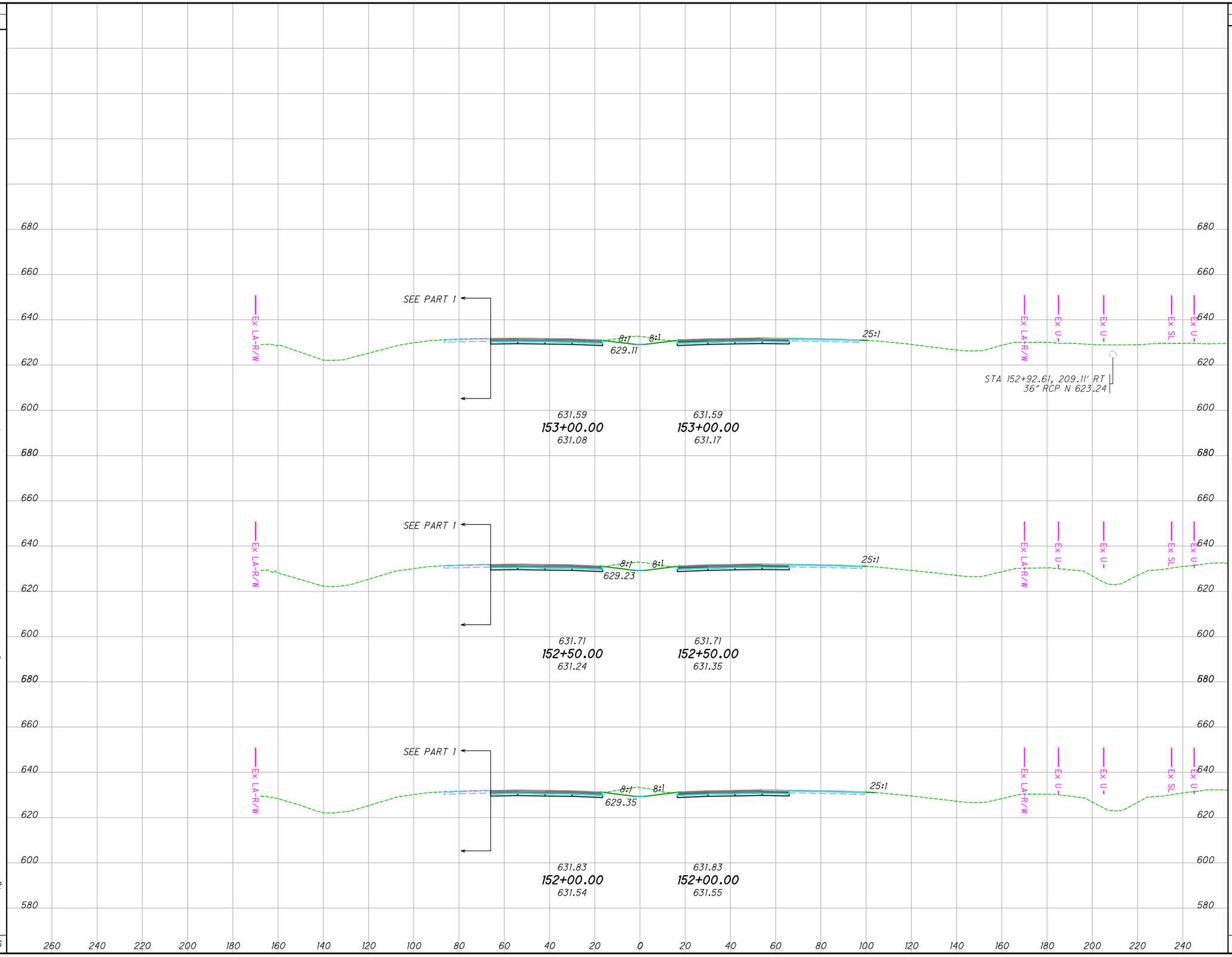
CROSS SECTIONS
STA. 150+50.00 TO STA. 151+50.00

LUC-475-0.9

423
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:35:59 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
39.6	215
37.7	219
40.8	222
	656



END AREA	
CUT	FILL
117	1
122	0
130	1

VOLUME	
CUT	FILL
221	1
234	1
246	2
701	4

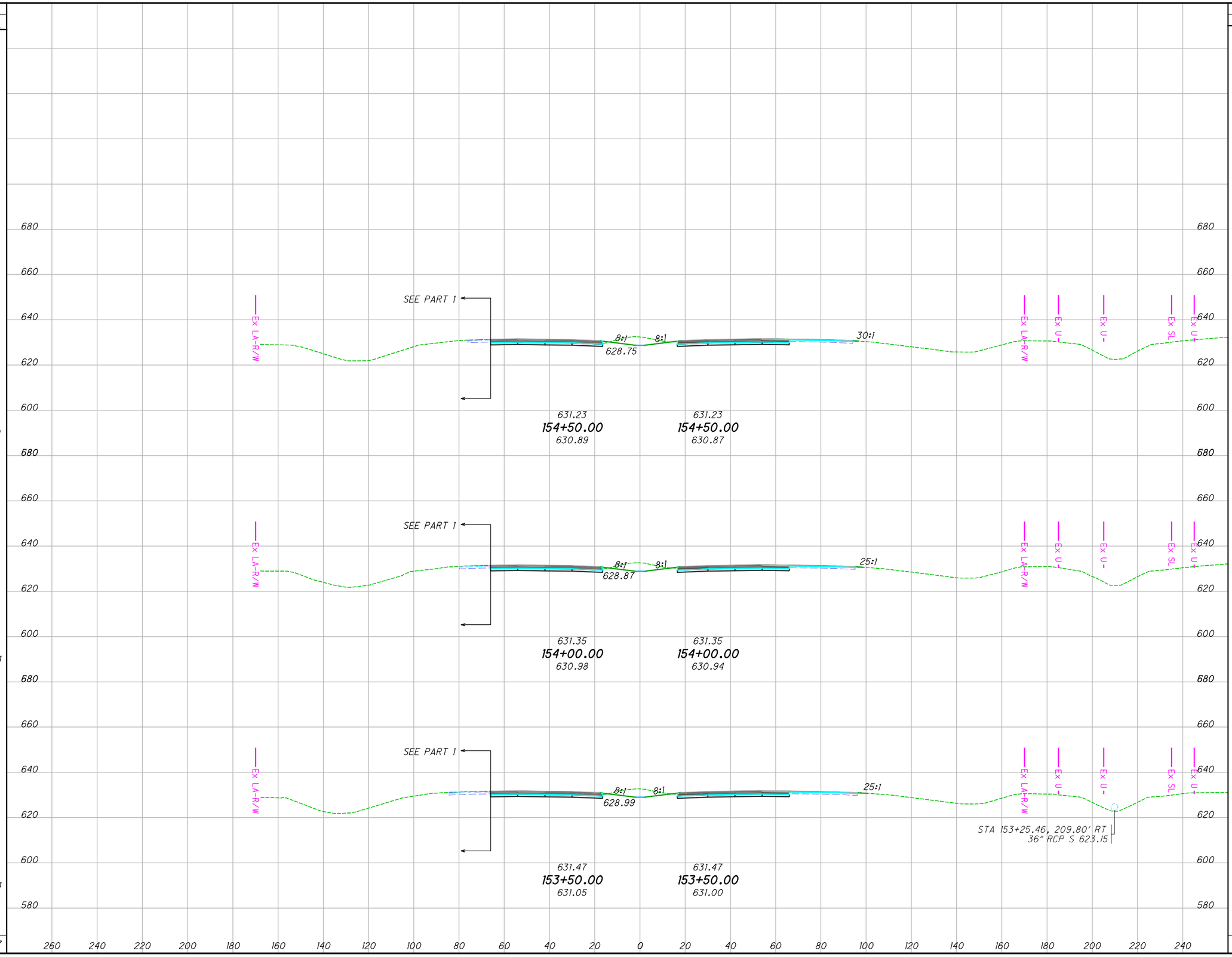
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 152+00.00 TO STA. 153+00.00
LUC-475-0.9

424
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:00 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
38.8	219
39.8	224
40.8	224
	667



END AREA	
CUT	FILL
120	1
118	2
117	1

VOLUME	
CUT	FILL
221	3
218	3
217	2
656	8

CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS
STA. 153+50.00 TO STA. 154+50.00

LUC-475-0.9

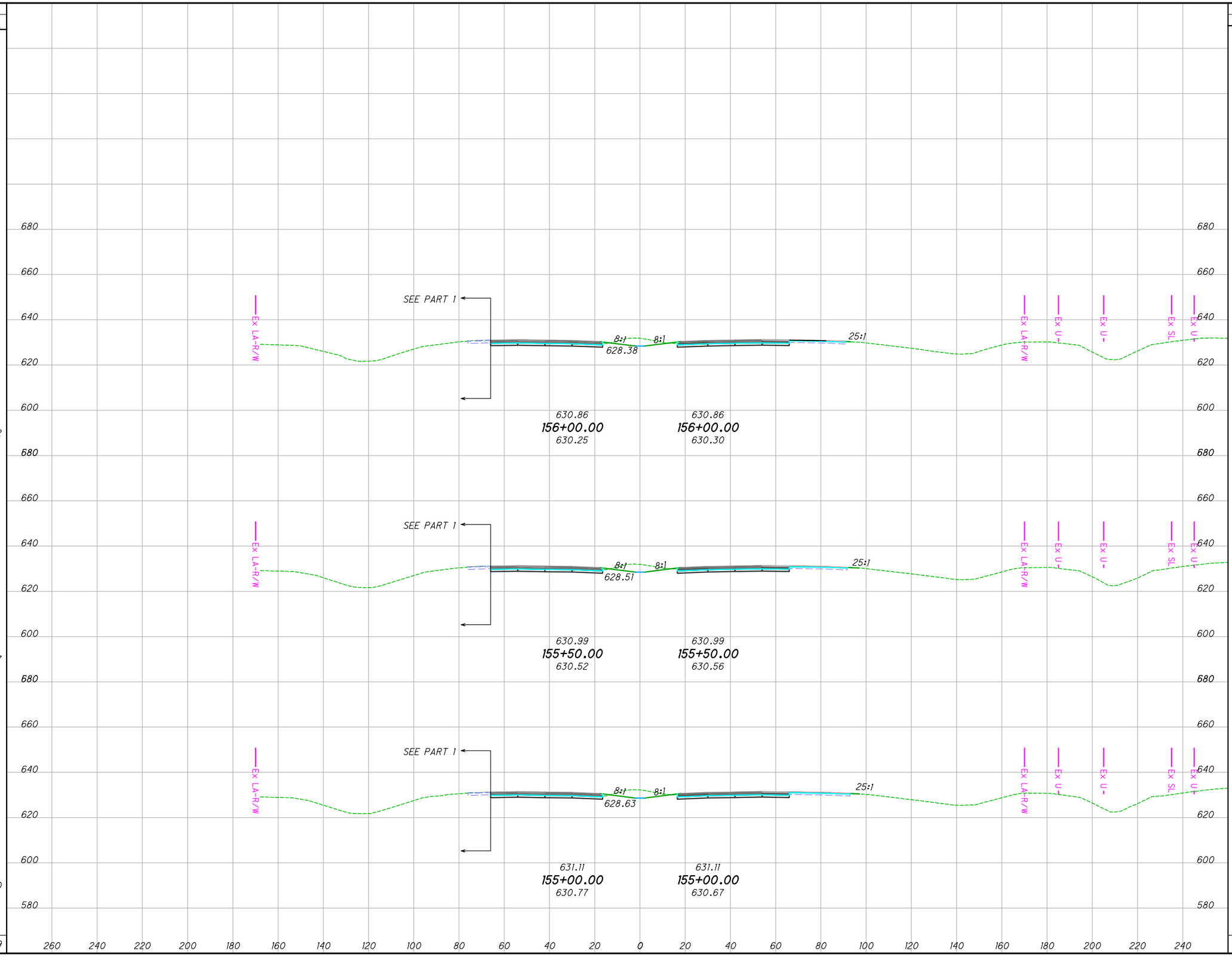
I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:01 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
38.4	222
41.1	227
40.3	220
	669

END AREA	
CUT	FILL
105	3
112	2
118	2
	634

VOLUME	
CUT	FILL
201	5
213	4
220	3
	12

CALCULATED JRB
CHECKED XXX



CROSS SECTIONS
STA. 155+00.00 TO STA. 156+00.00

LUC-475-0.9

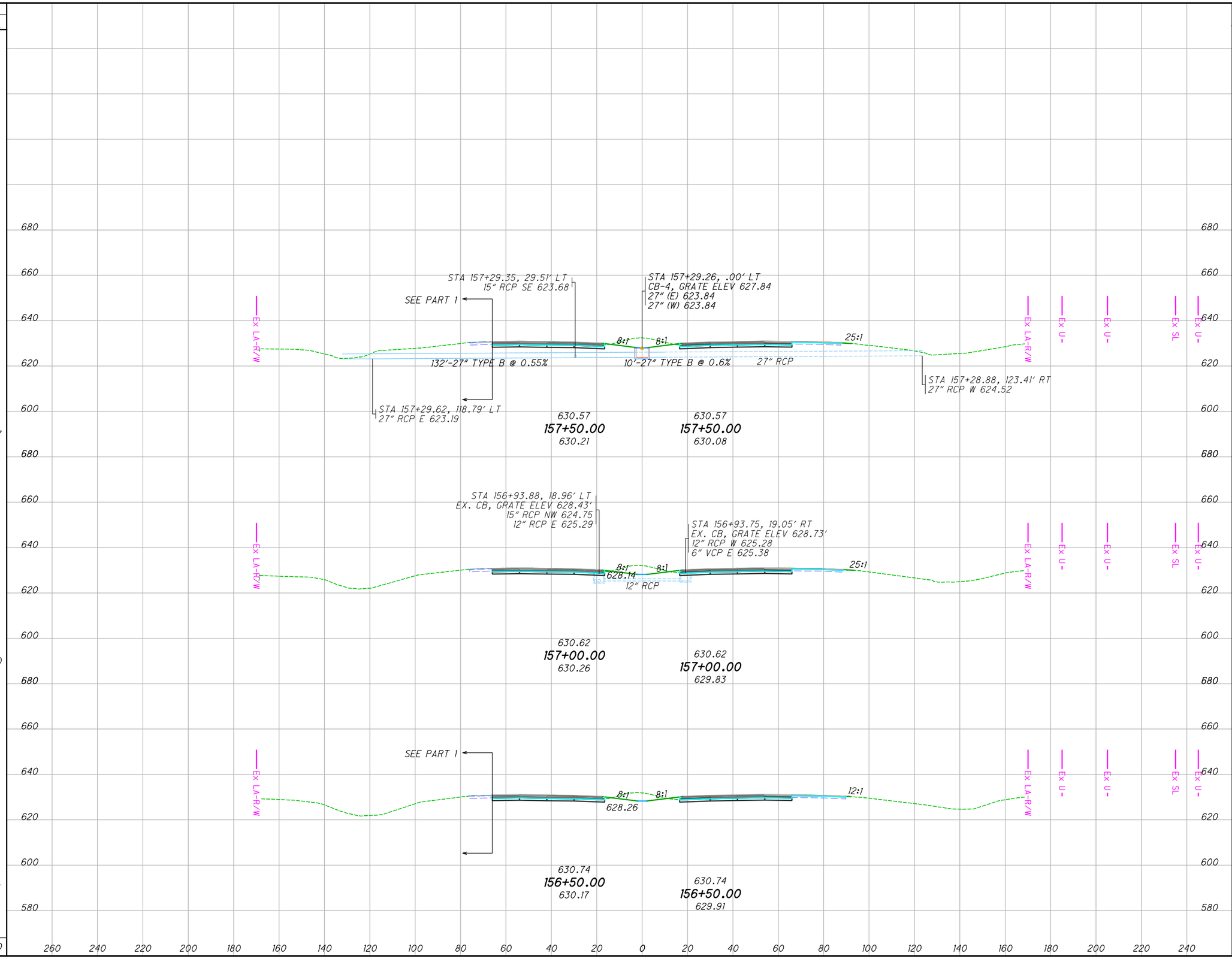
I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:02 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
40.8	227
40.8	220
38.1	213
	660

END AREA	
CUT	FILL
131	2
112	4
99	5

VOLUME	
CUT	FILL
225	6
196	8
189	7
610	21

CALCULATED JRB
CHECKED XXX

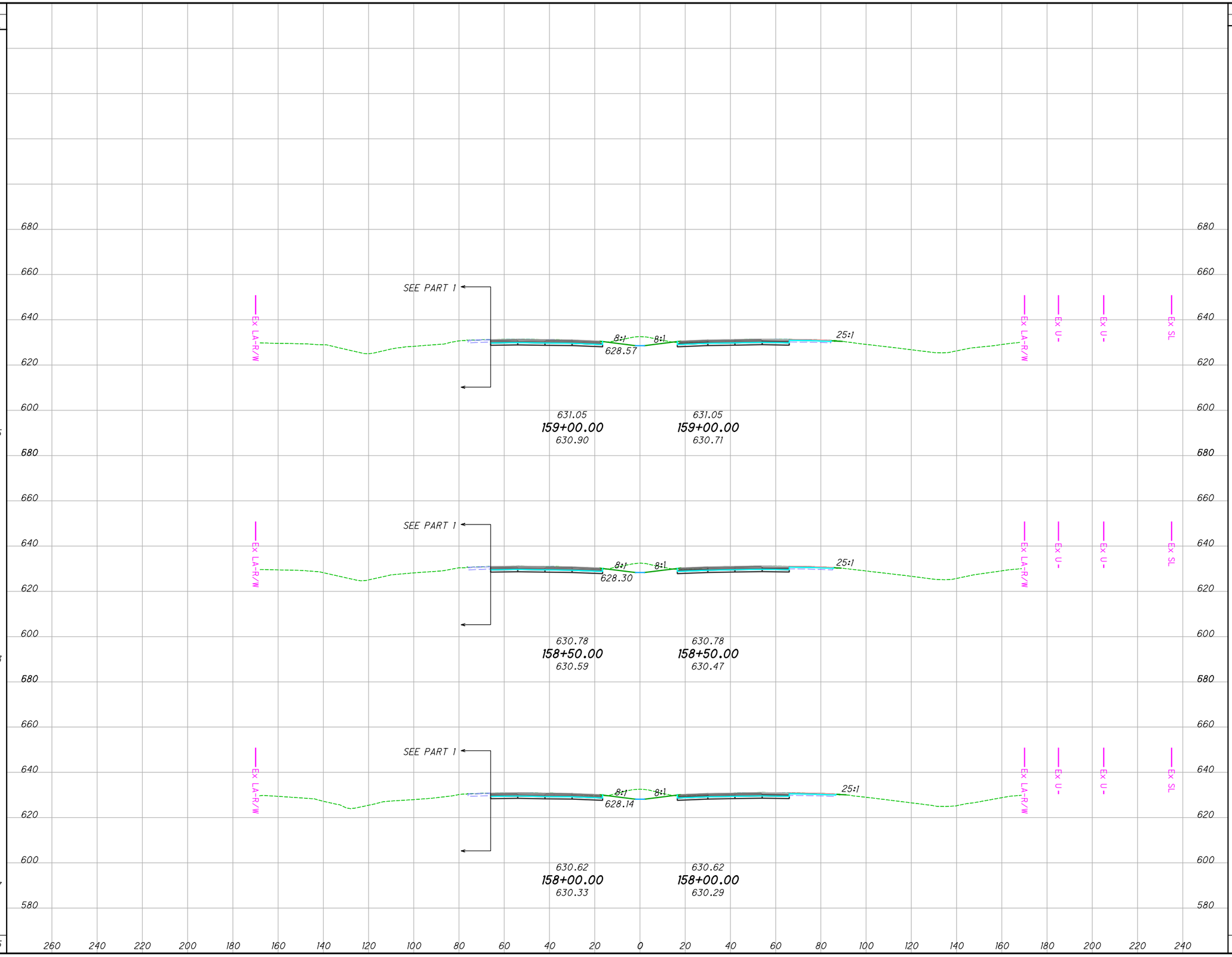


CROSS SECTIONS
STA. 156+50.00 TO STA. 157+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:03 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
41.2	225
39.6	223
40.6	227
	675



END AREA	
CUT	FILL
137	1
135	1
141	1

VOLUME	
CUT	FILL
252	2
256	2
252	3
760	7

CALCULATED JRB
CHECKED XXX

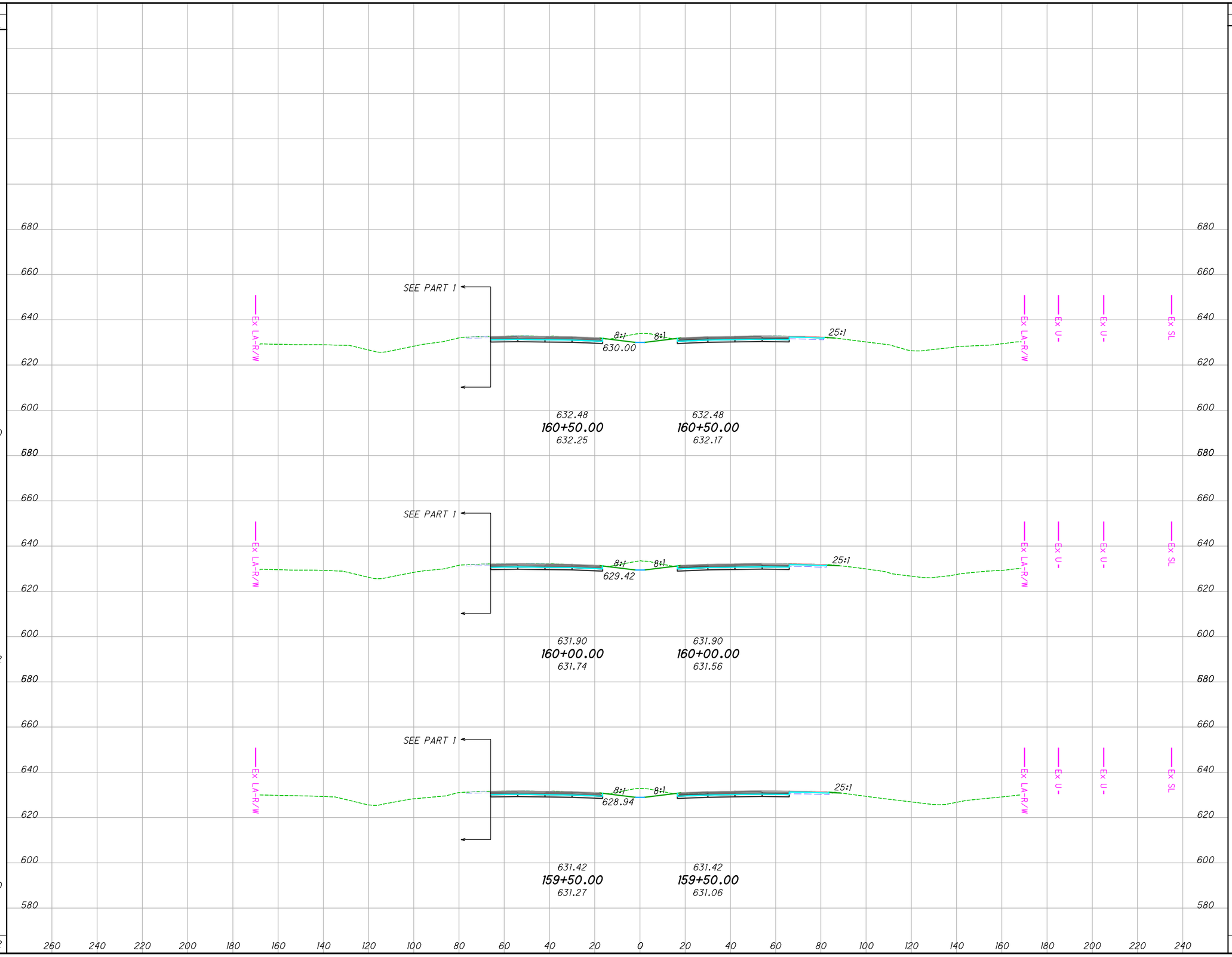
CROSS SECTIONS
STA. 158+00.00 TO STA. 159+00.00

LUC-475-0.9

428
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:04 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
40.7	230
41.8	232
41.6	230
	692



END AREA	
CUT	FILL
137	1
141	0
138	0

VOLUME	
CUT	FILL
257	1
258	
255	1
770	2

CALCULATED JRB
CHECKED XXX

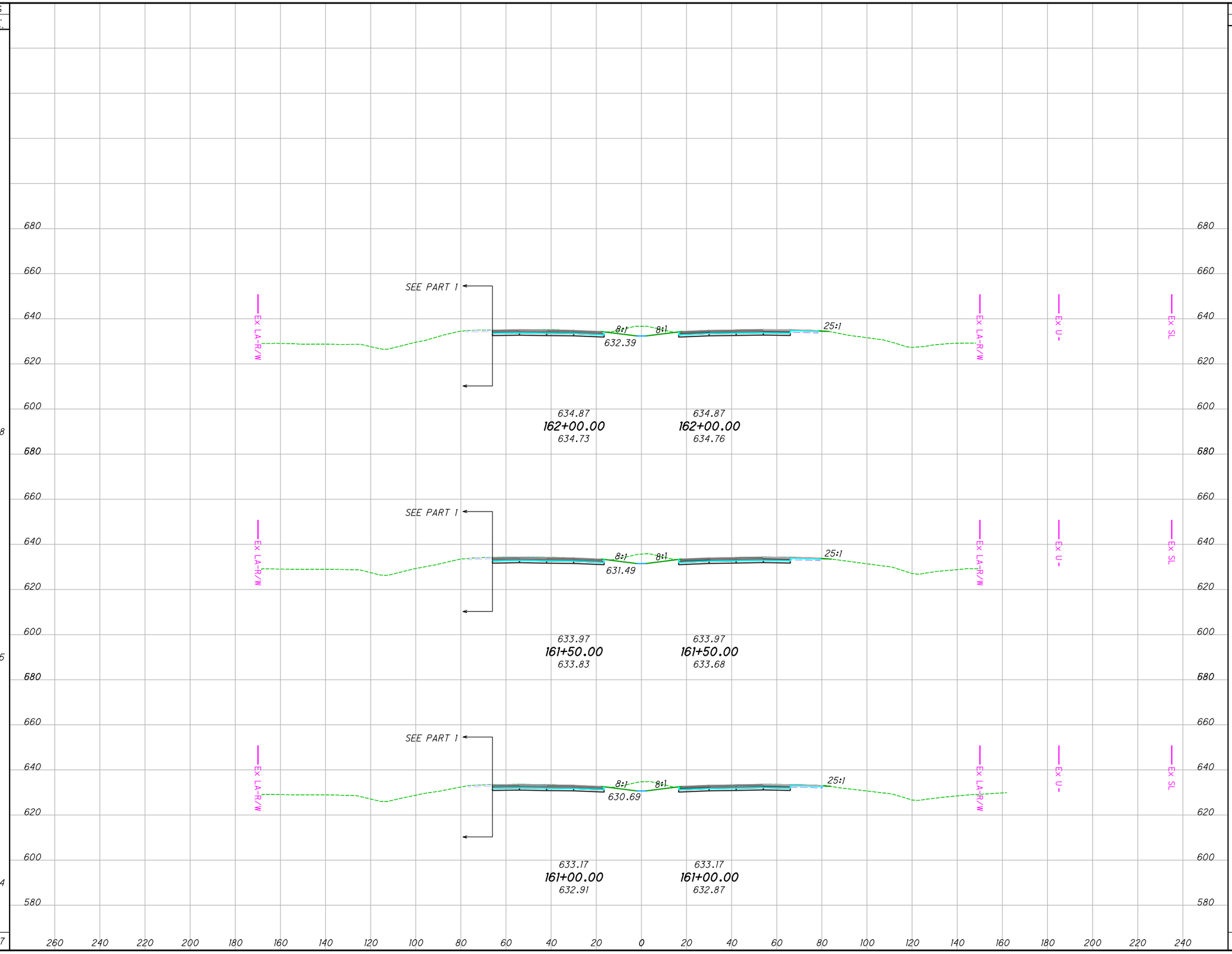
CROSS SECTIONS
STA. 159+50.00 TO STA. 160+50.00

LUC-475-0.9

429
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:05 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
40.7	228
41.1	225
39.6	224
	677



END AREA	
CUT	FILL
148	0
148	0
142	1

VOLUME	
CUT	FILL
273	
268	1
258	2
799	3

CALCULATED JRB
CHECKED XXX

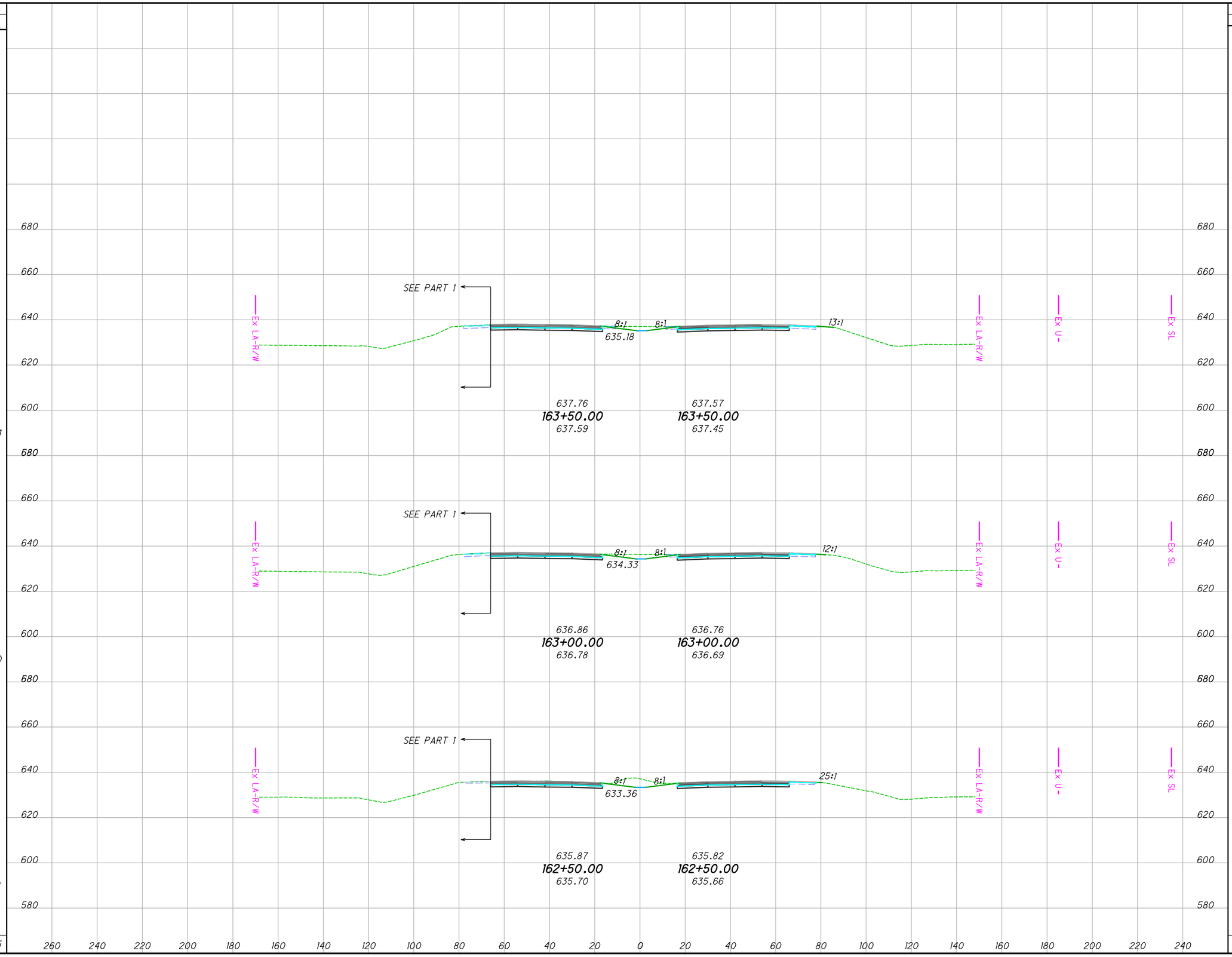
CROSS SECTIONS
STA. 161+00.00 TO STA. 162+00.00

LUC-475-0.9

430
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:06 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
43.7	234
40.5	220
38.6	221
	675



END AREA	
CUT	FILL
46	1
76	1
132	0

VOLUME	
CUT	FILL
113	2
192	1
259	
564	3

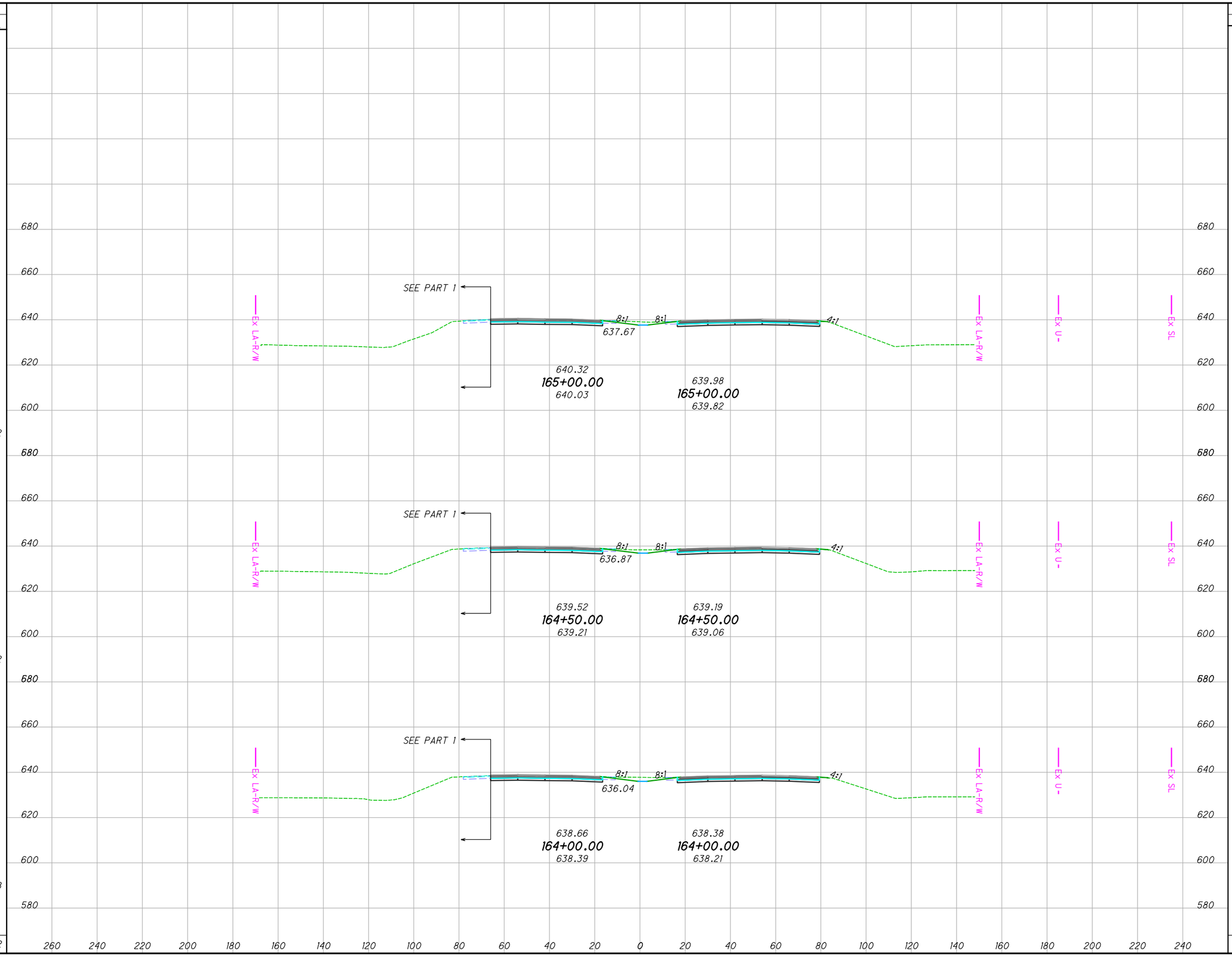
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 162+50.00 TO STA. 163+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:07 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
41.4	232
41.7	232
41.7	238
	702



END AREA	
CUT	FILL
34	2
36	3
41	2

VOLUME	
CUT	FILL
65	5
71	5
80	3
216	13

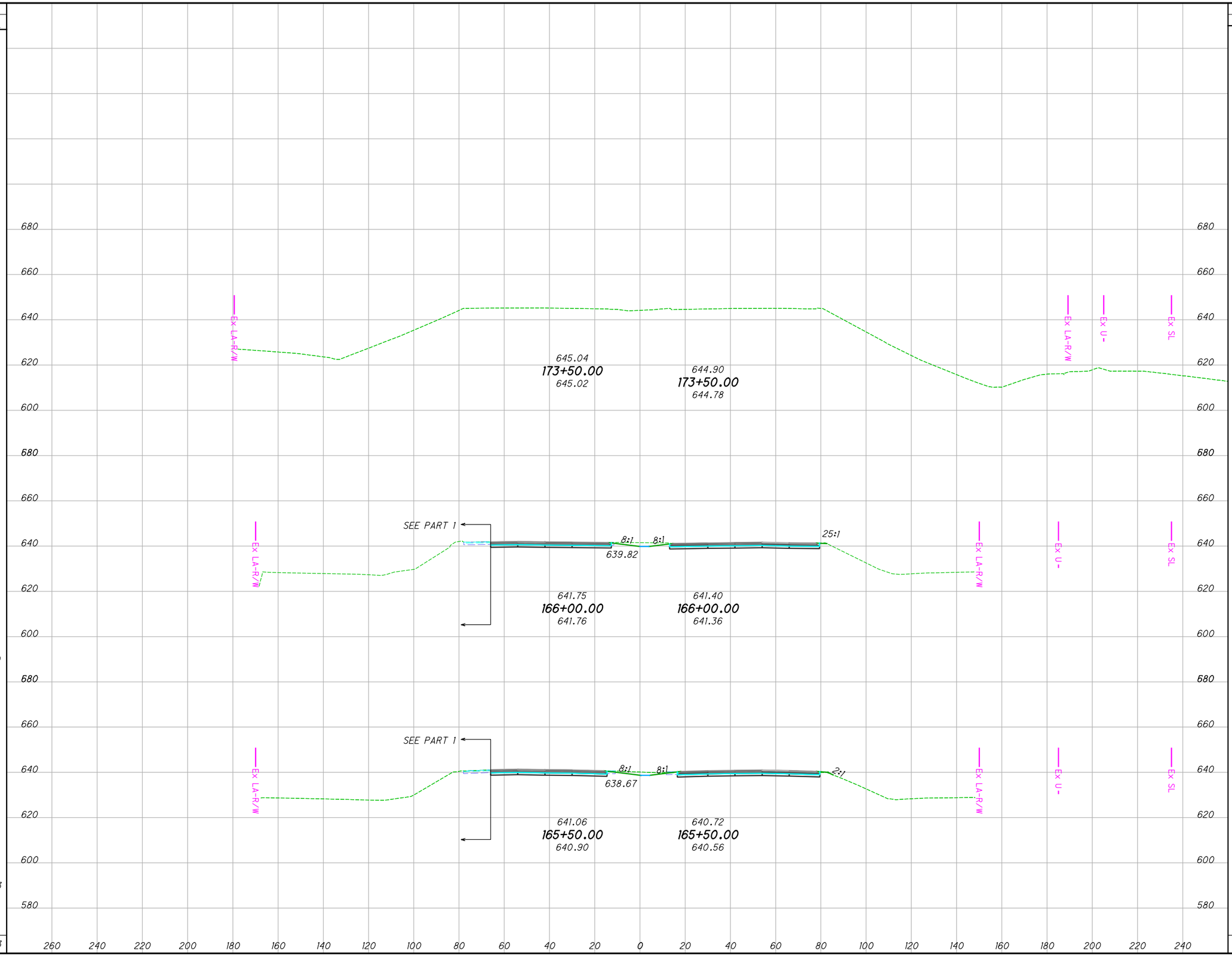
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 164+00.00 TO STA. 165+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:08 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
33.6	210
42.0	233
	443



END AREA		VOLUME	
CUT	FILL	CUT	FILL
58	0		
36	1		
		87	1
		65	3
		152	4

CALCULATED JRB

CHECKED XXX

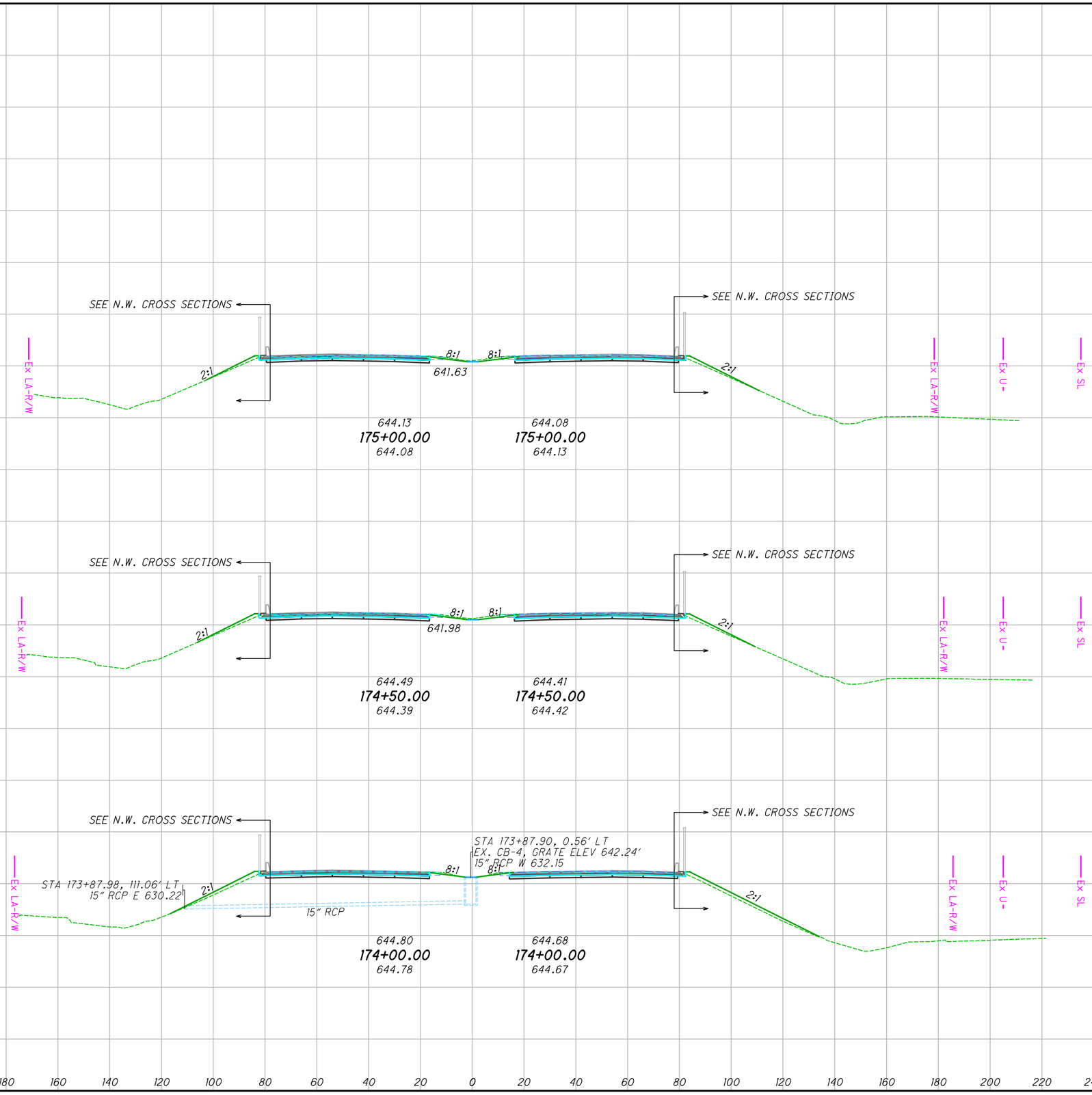
CROSS SECTIONS

STA. 165+50.00 TO STA. 173+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:09 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
90.0	507
92.2	616
129.6	360
	1483



END AREA	
CUT	FILL
34	7
31	4
57	5
31	1
29	1
146	16

VOLUME	
CUT	FILL
60	10

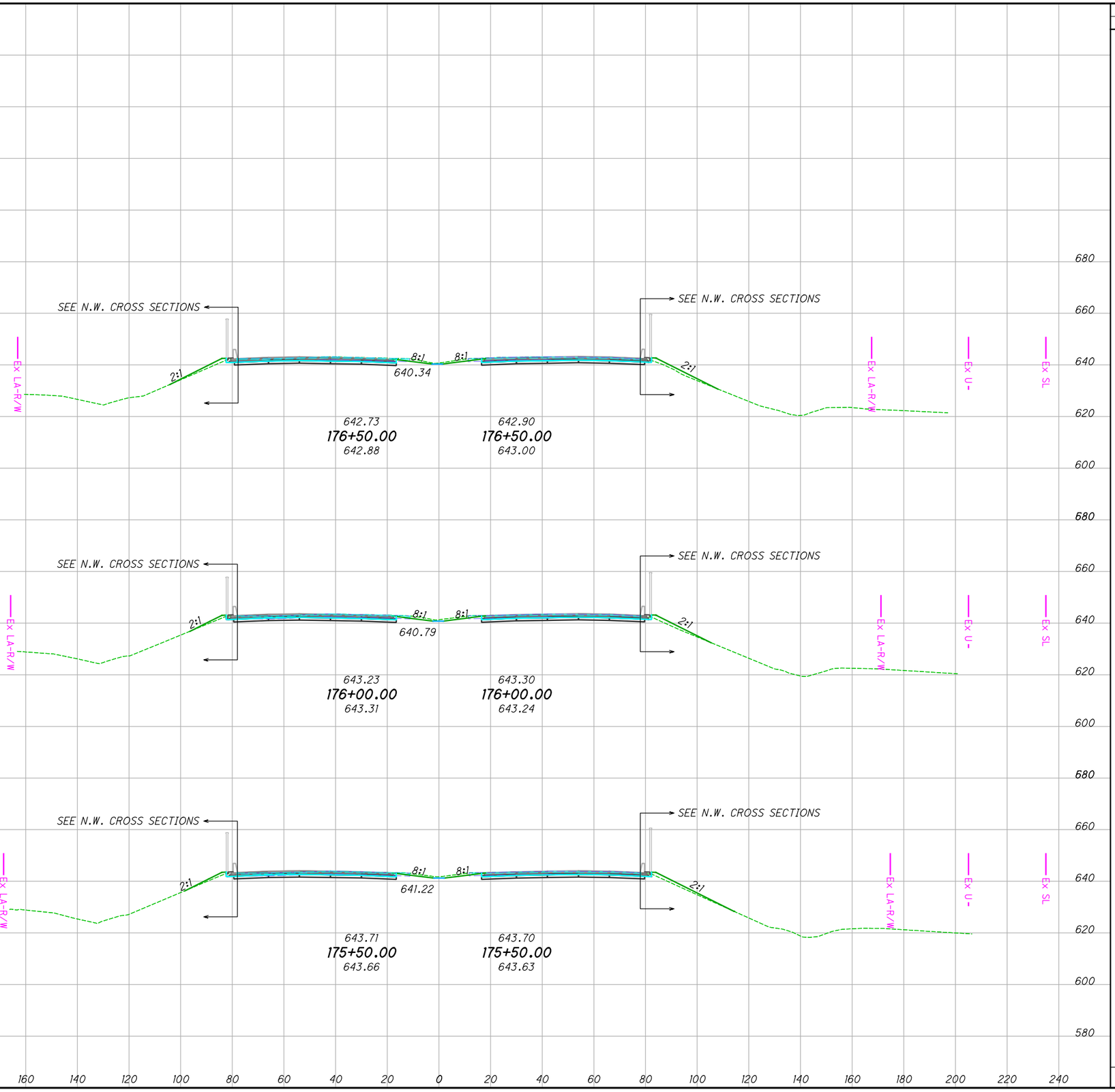
CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS
STA. 174+00.00 TO STA. 175+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:10 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
89.1	462
77.3	466
90.3	501
	1429



END AREA	
CUT	FILL
46	2
42	6
38	7

VOLUME	
CUT	FILL
81	7
74	12
66	13
22	32

CALCULATED JRB
CHECKED XXX

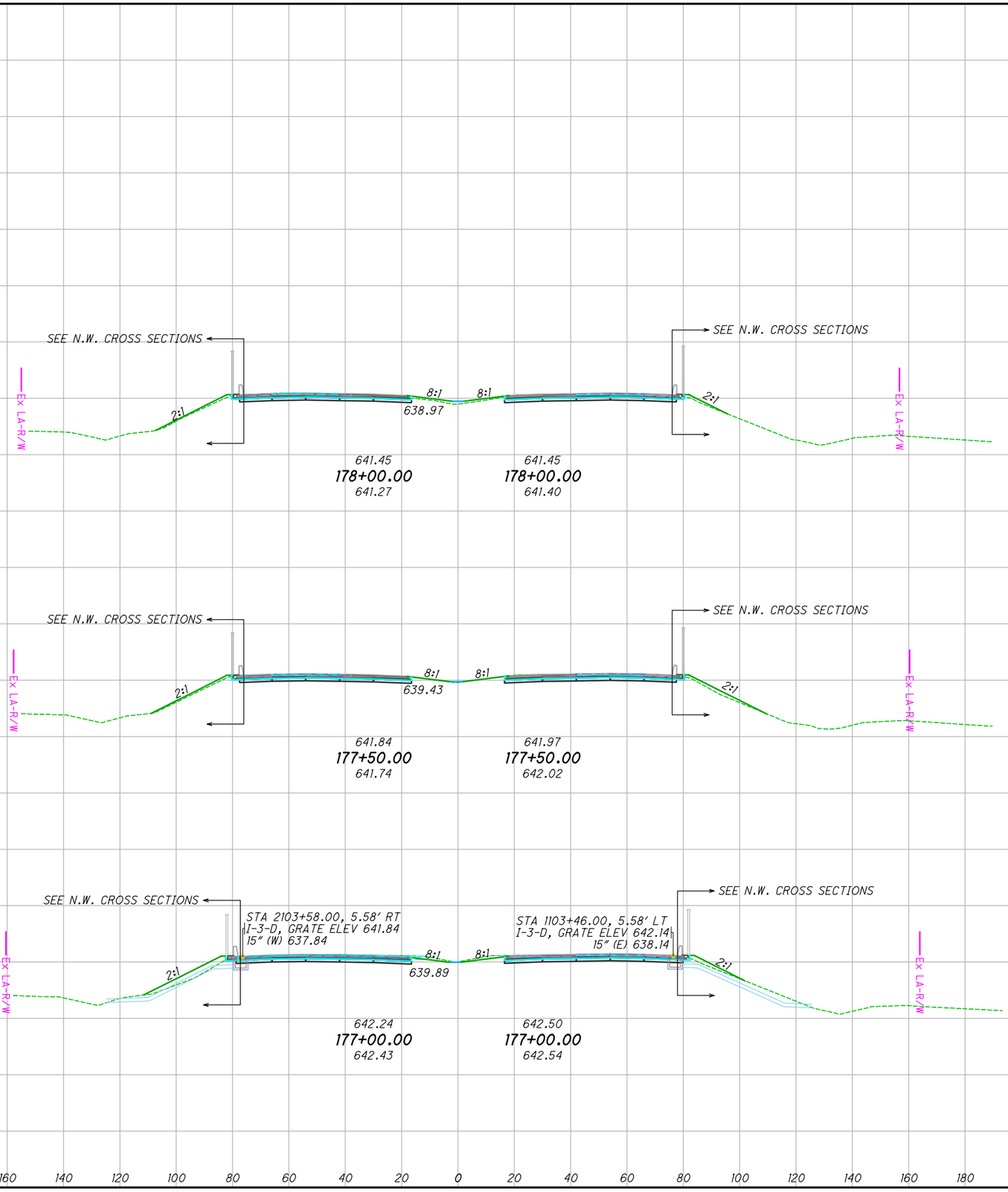
CROSS SECTIONS
STA. 175+50.00 TO STA. 176+50.00

LUC-475-0.9

435
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:11 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
83.0	511
100.9	531
90.2	499
	1541



END AREA	
CUT	FILL
92	22
98	3
74	0

VOLUME	
CUT	FILL
176	23
159	3
110	2
445	28

CALCULATED JRB
CHECKED XXX

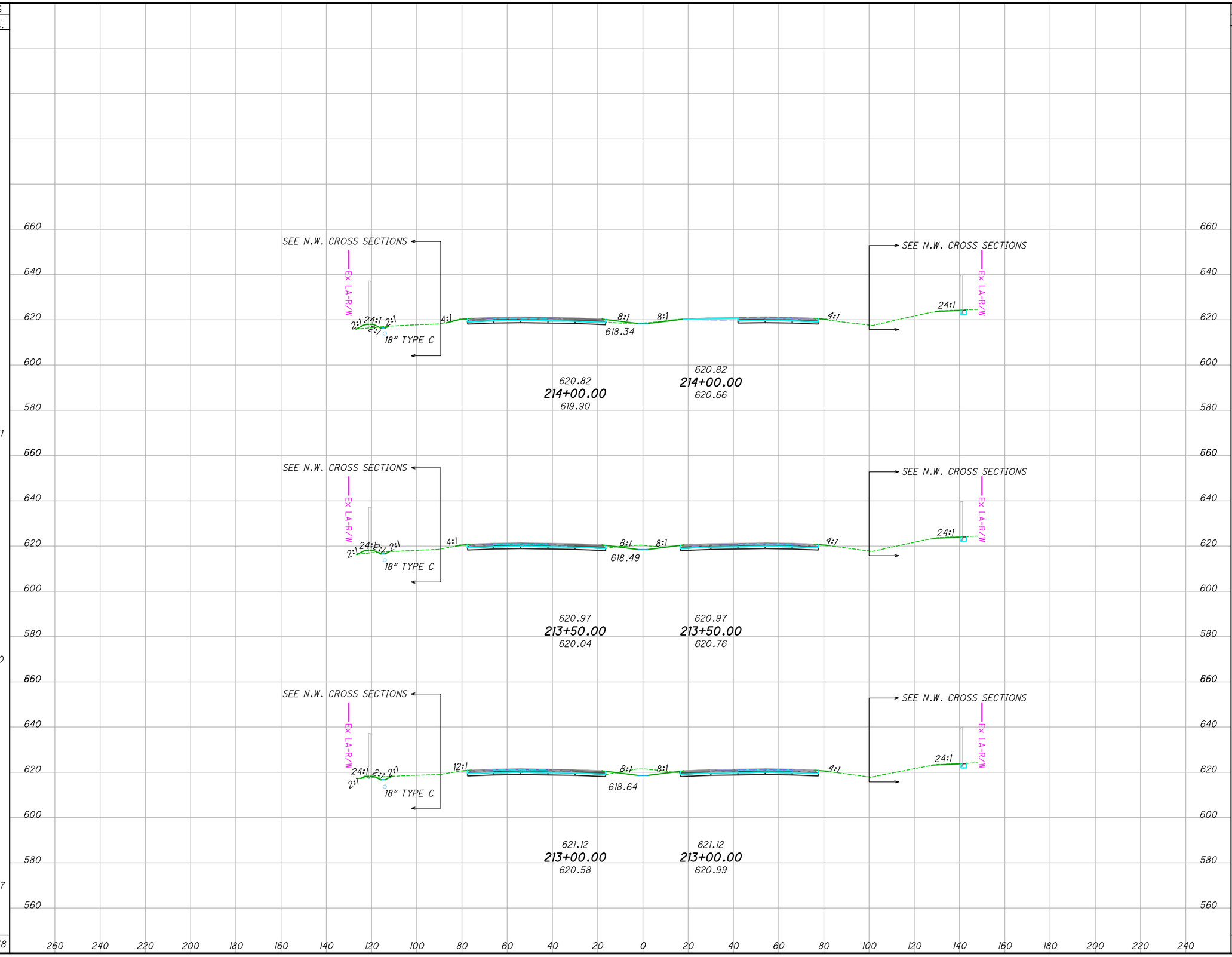
CROSS SECTIONS
STA. 177+00.00 TO STA. 178+00.00

LUC-475-0.9

436
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:12 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
79.4	431
75.8	410
72.0	397
	1238



END AREA	
CUT	FILL
37	11
68	5
92	6

VOLUME	
CUT	FILL
97	15
148	10
180	10
425	35

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 213+00.00 TO STA. 214+00.00

LUC-475-0.9

460
855

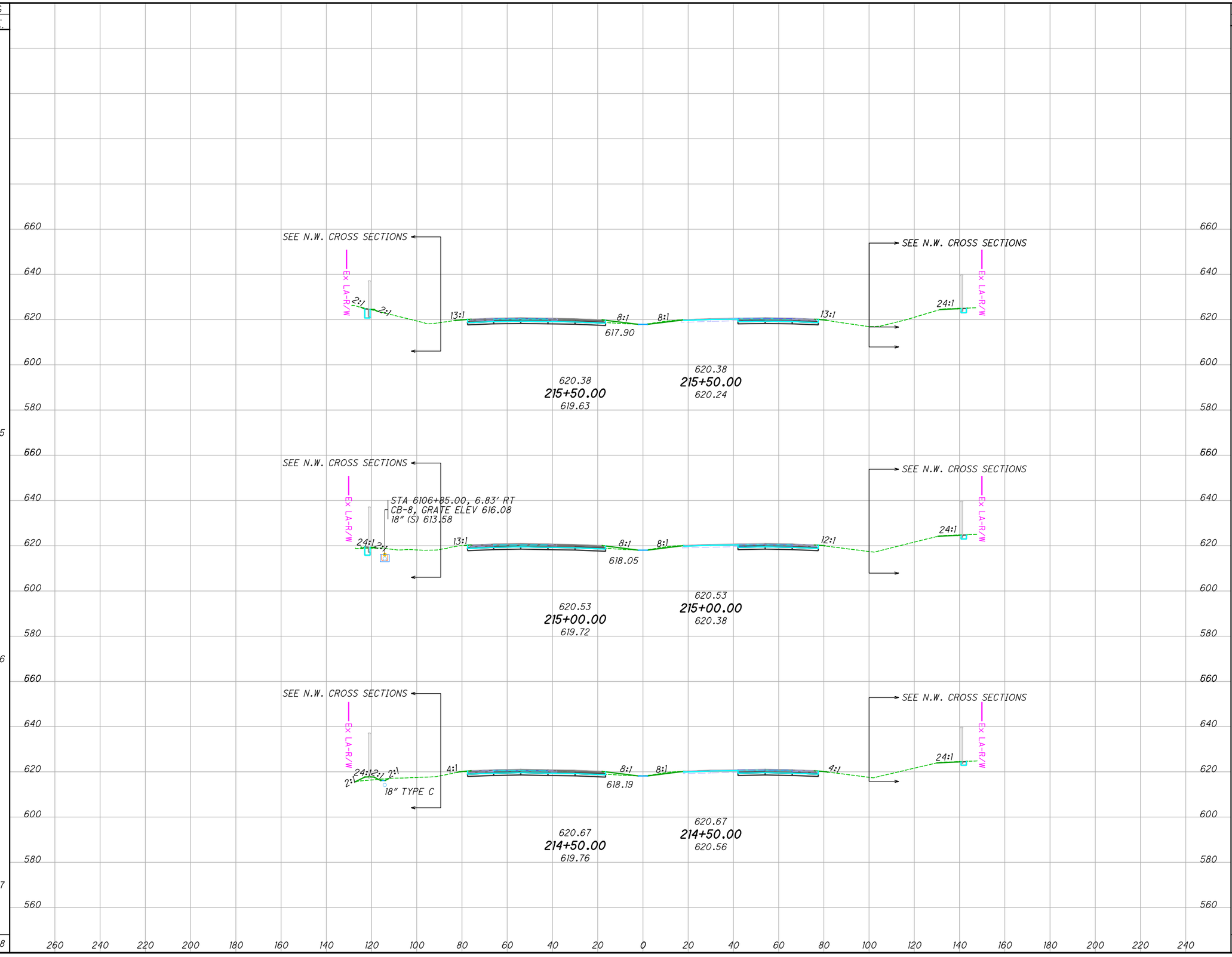
I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:13 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
63.1	335
57.6	366
74.2	427
	1128

END AREA	
CUT	FILL
48	8
44	9
41	9

VOLUME	
CUT	FILL
85	16
79	17
72	19
236	52

CALCULATED JRB
CHECKED XXX



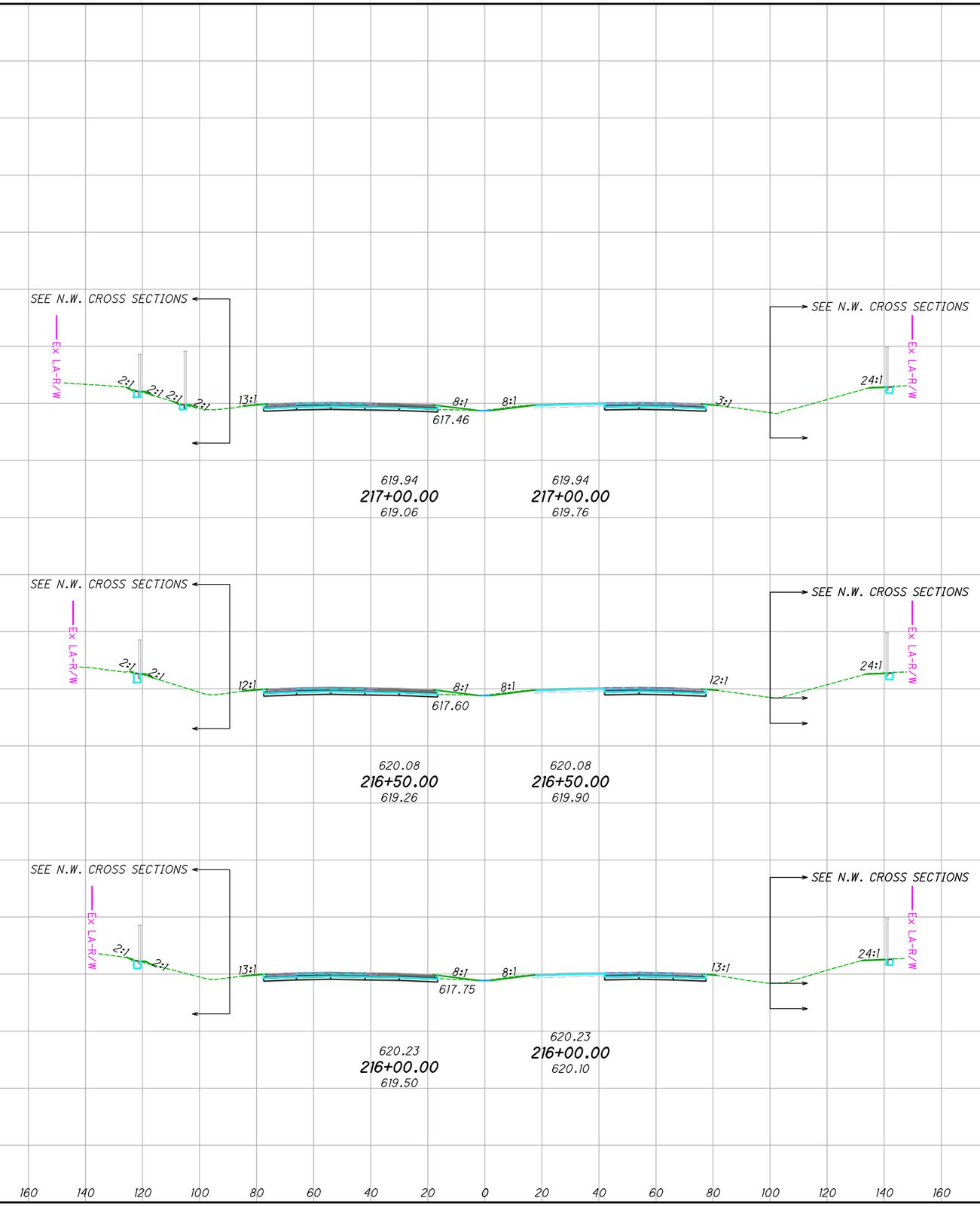
CROSS SECTIONS
STA. 214+50.00 TO STA. 215+50.00

LUC-475-0.9

461
855

I:\ProjectData\LUC\95875_LUC-475-0.9\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:14 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
70.3	374
64.4	363
66.4	359
	1096



END AREA	
CUT	FILL
46	11
48	9
51	9

VOLUME	
CUT	FILL
88	19
92	17
91	16
27	52

CALCULATED JRB

CHECKED XXX

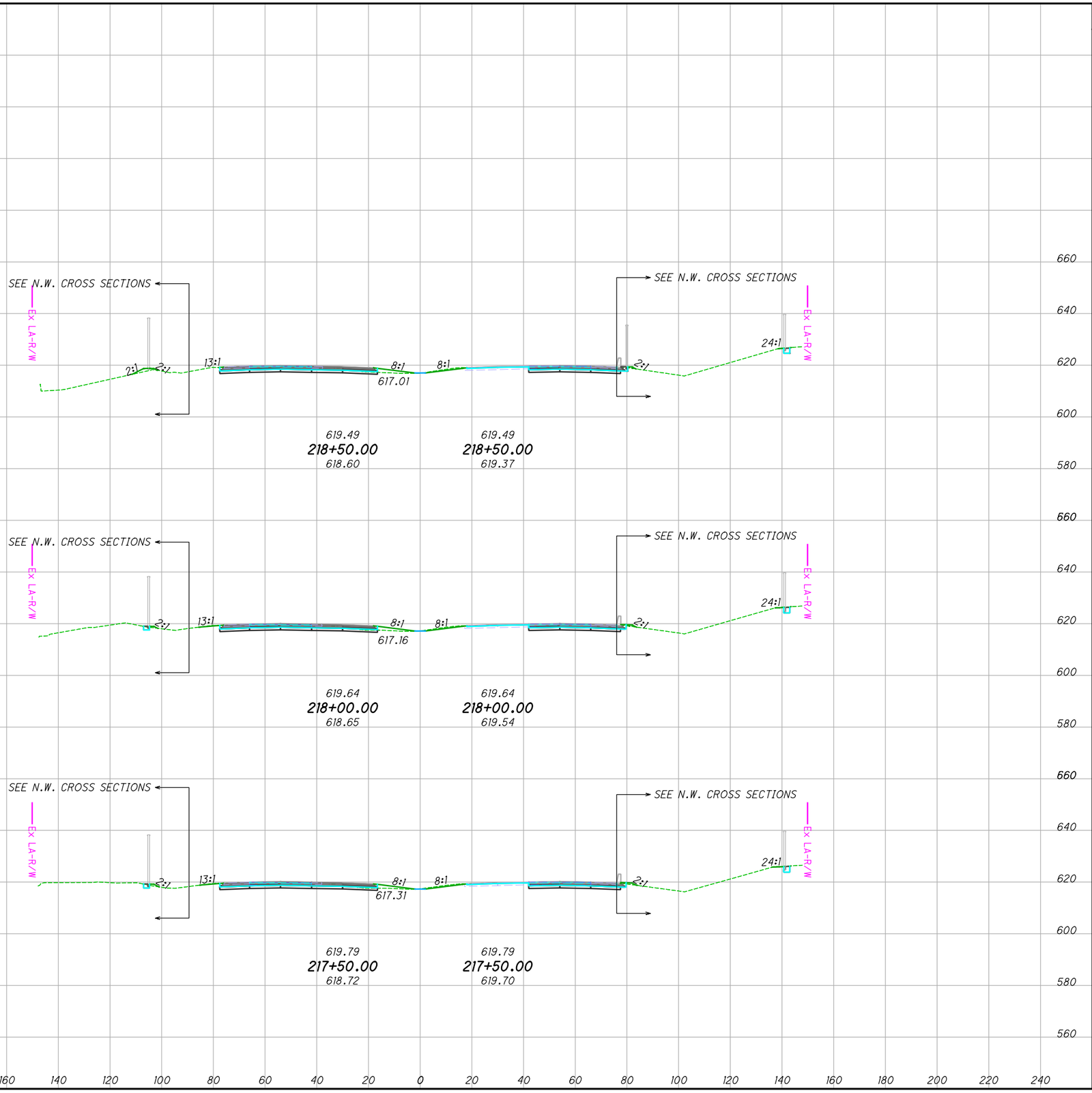
CROSS SECTIONS

STA. 216+00.00 TO STA. 217+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:15 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
53.8	314
59.2	334
60.9	365
	1013



END AREA	
CUT	FILL
43	16
42	14
41	14

VOLUME	
CUT	FILL
79	28
77	26
81	23
237	77

CALCULATED JRB
CHECKED XXX

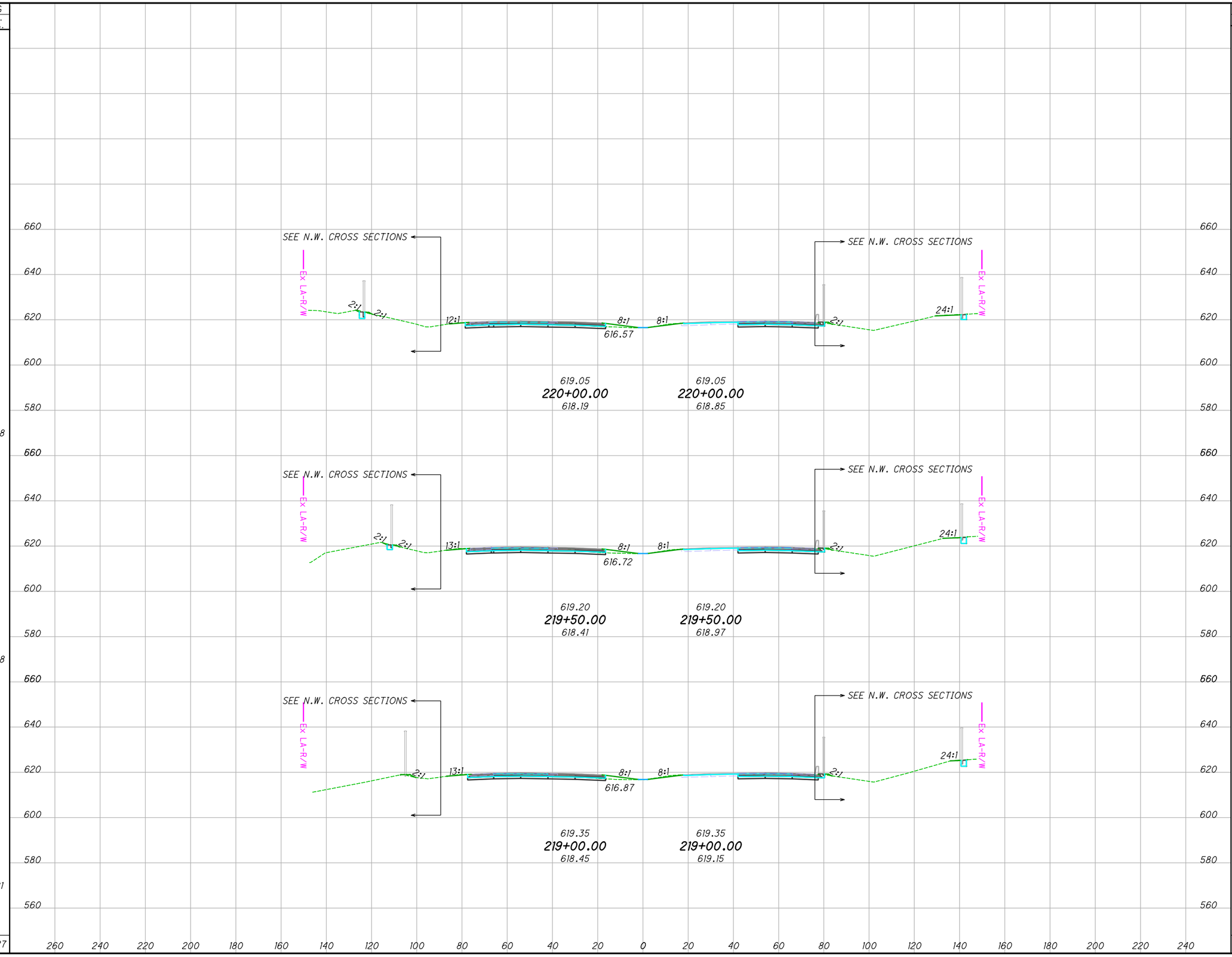
CROSS SECTIONS
STA. 217+50.00 TO STA. 218+50.00

LUC-475-0.9

463
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:16 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
65.2	358
63.4	348
61.7	321
	1027



END AREA	
CUT	FILL
38	13
40	13
40	15

VOLUME	
CUT	FILL
71	24
74	26
77	29
222	79

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 219+00.00 TO STA. 220+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:17 AM jbidinge

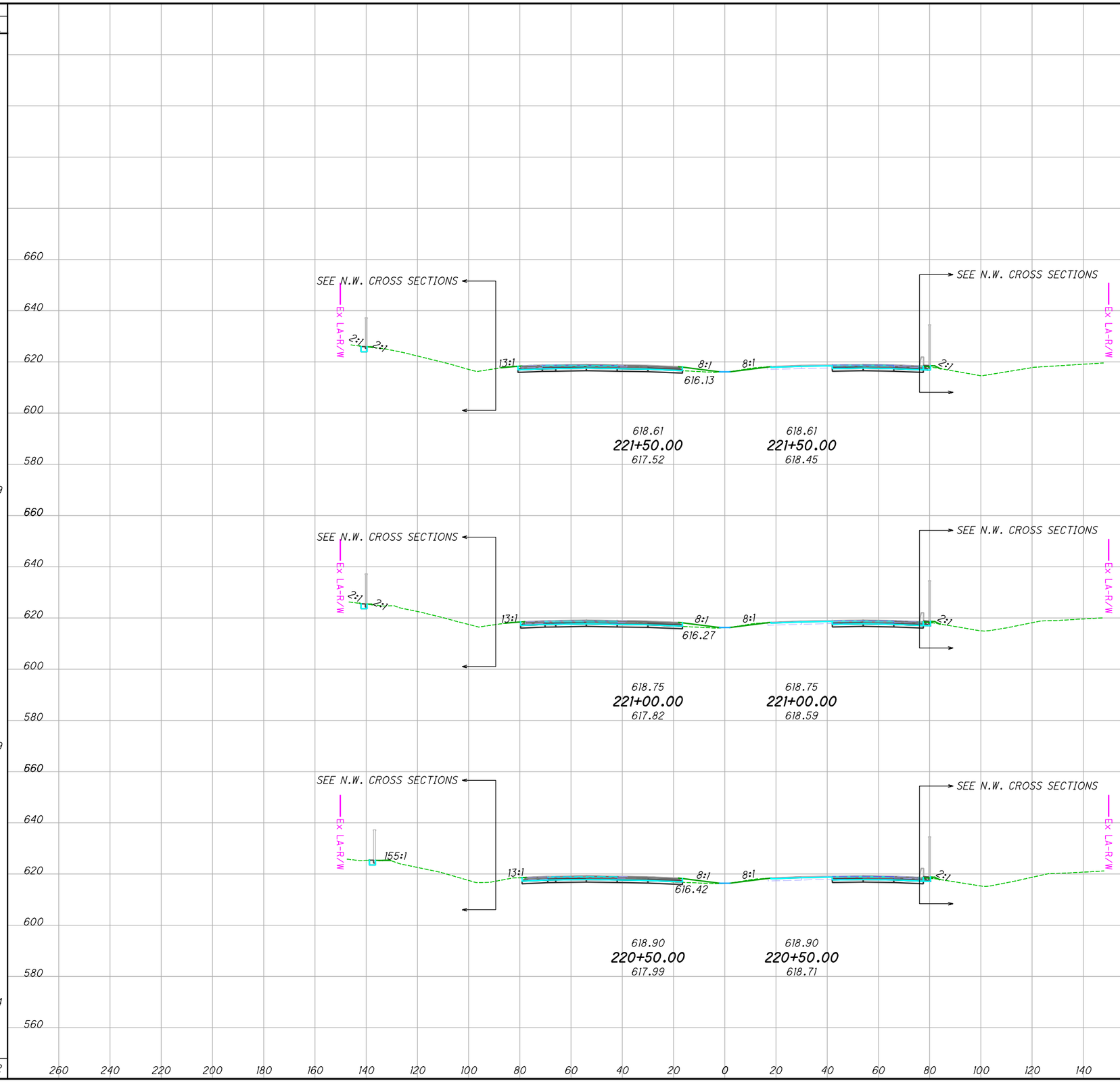
SEEDING	
END WIDTH	SQ. YDS.
54.5	309
56.3	309
55.0	334
	952

END AREA	
CUT	FILL
36	12
37	13
37	14

VOLUME	
CUT	FILL
68	23
68	25
69	25
205	73

CALCULATED JRB

CHECKED XXX



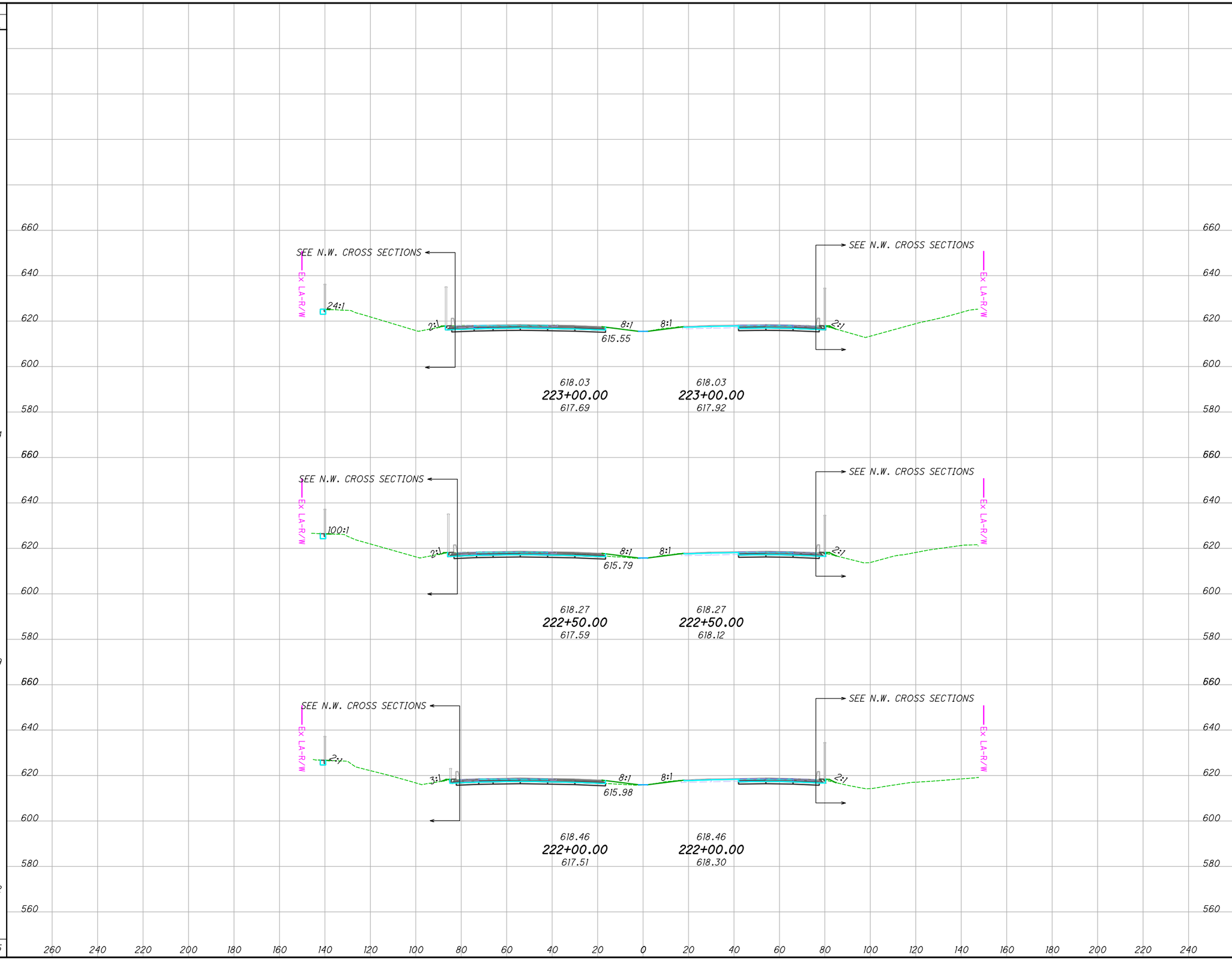
CROSS SECTIONS

STA. 220+50.00 TO STA. 221+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:19 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
45.3	254
46.2	259
46.7	282
	795



END AREA	
CUT	FILL
62	1
45	9
35	11

VOLUME	
CUT	FILL
99	9
74	19
66	21
239	49

CALCULATED	CHECKED
JRB	XXX

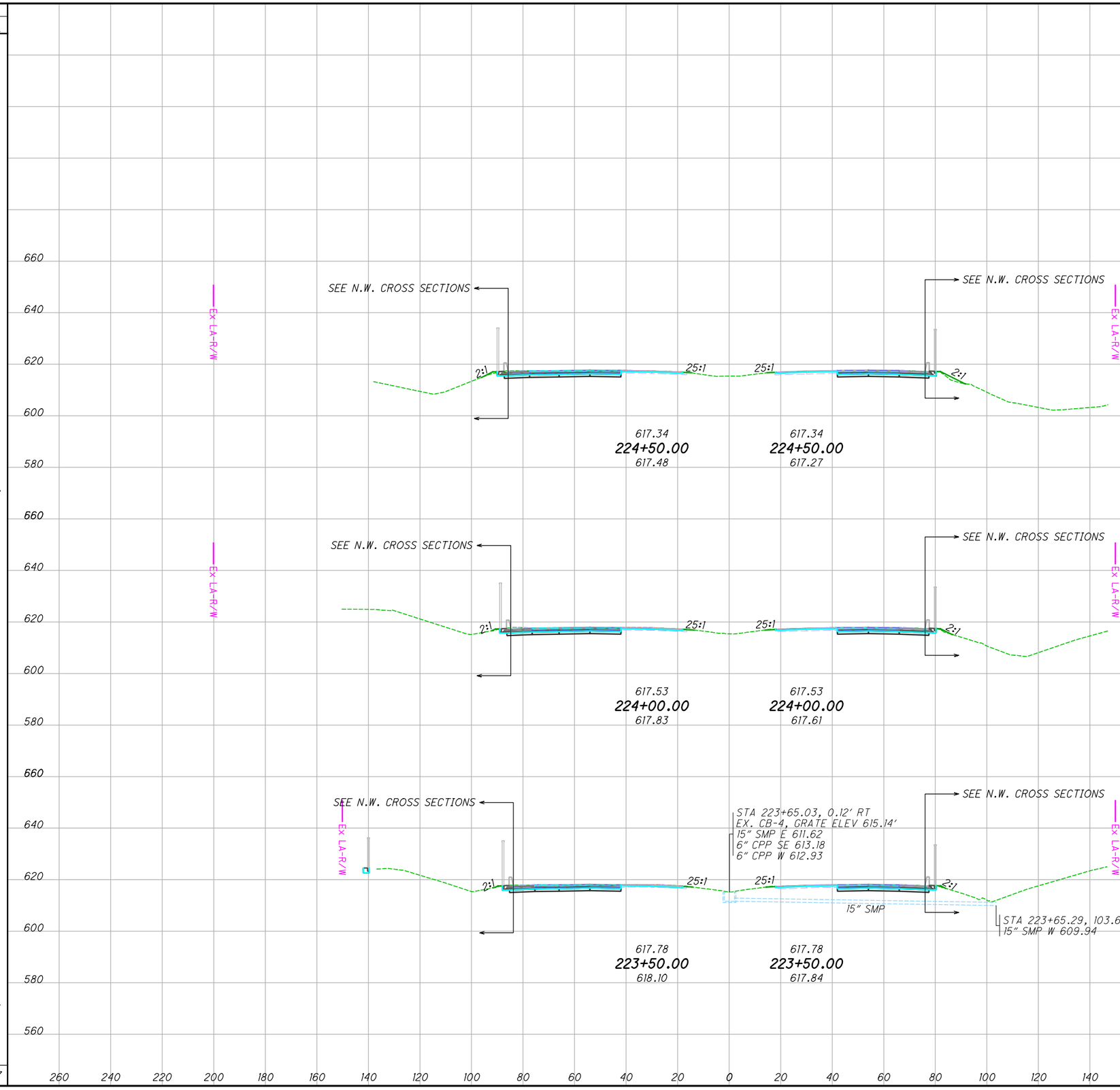
CROSS SECTIONS

STA. 222+00.00 TO STA. 223+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:20 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
25.4	122
18.3	90
14.0	165
	377



END AREA	
CUT	FILL
37	0
39	0
33	0

VOLUME	
CUT	FILL
71	
67	
88	1
226	1

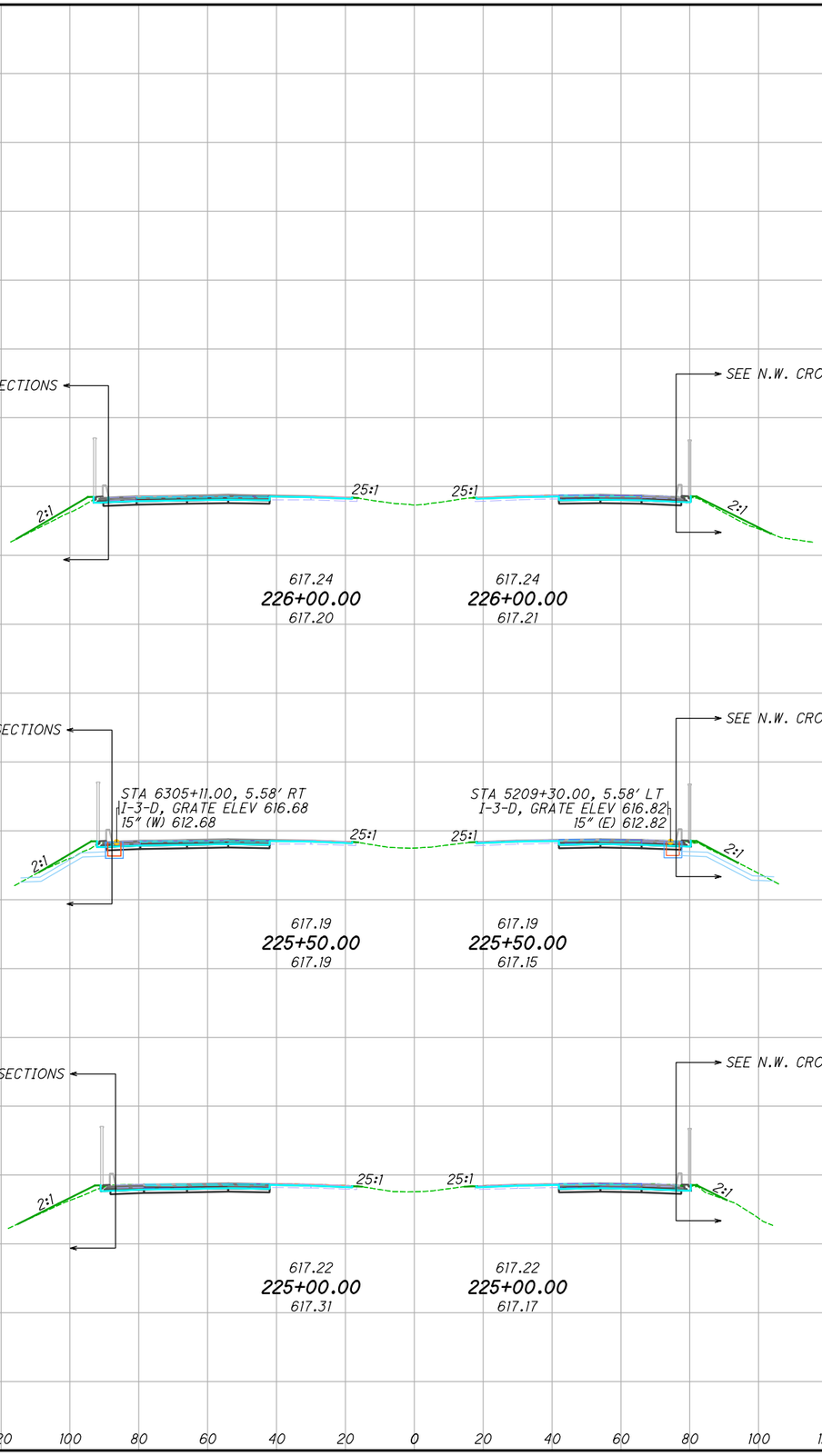
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 223+50.00 TO STA. 224+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:21 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
53.9	255
38.0	227
44.0	193
	675



END AREA	
CUT	FILL
17	4
20	0
31	0

VOLUME	
CUT	FILL
34	4
47	
63	
144	4

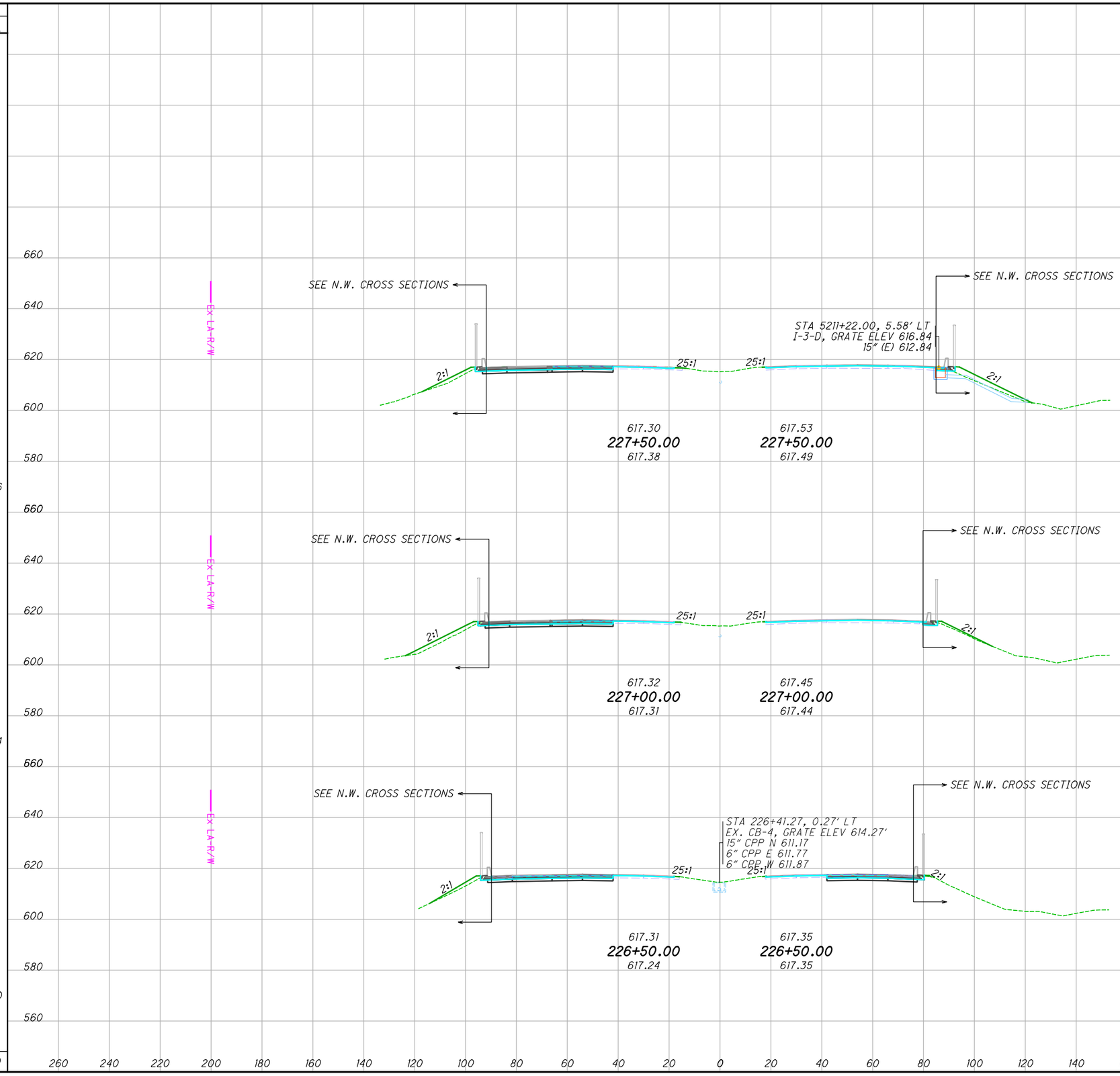
CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS
STA. 225+00.00 TO STA. 226+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:22 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
62.1	336
58.8	244
28.8	230
	810



END AREA	
CUT	FILL
12	0
6	1
17	4

VOLUME	
CUT	FILL
16	1
21	5
32	7
69	13

CALCULATED	CHECKED
JRB	XXX

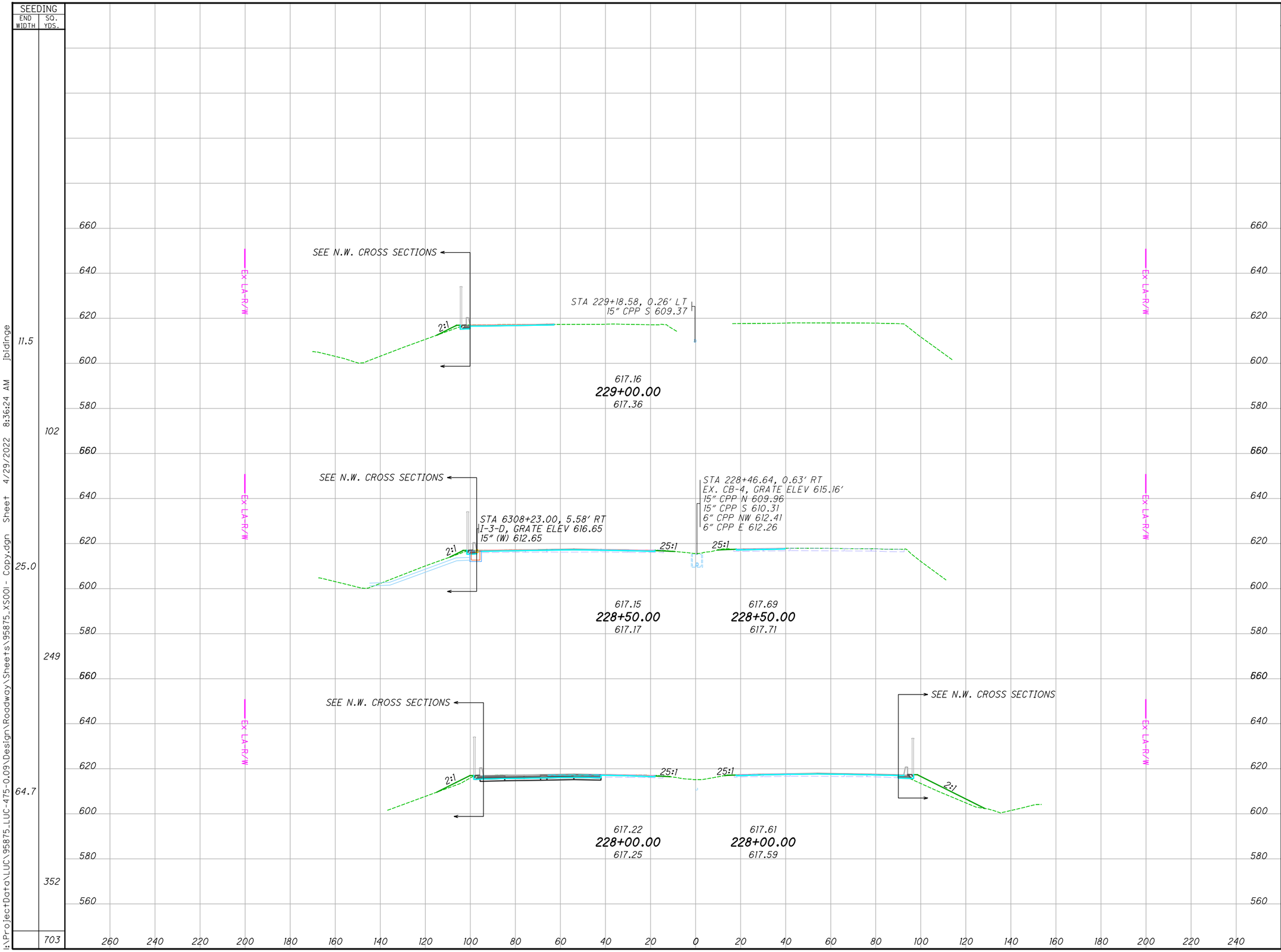
CROSS SECTIONS

STA. 226+50.00 TO STA. 227+50.00

LUC-475-0.9

I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:23 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
11.5	102
25.0	249
64.7	352
	703



END AREA	
CUT	FILL
22	0
8	4
16	0

VOLUME	
CUT	FILL
28	4
22	4
26	
76	8

CALCULATED JRB
CHECKED XXX

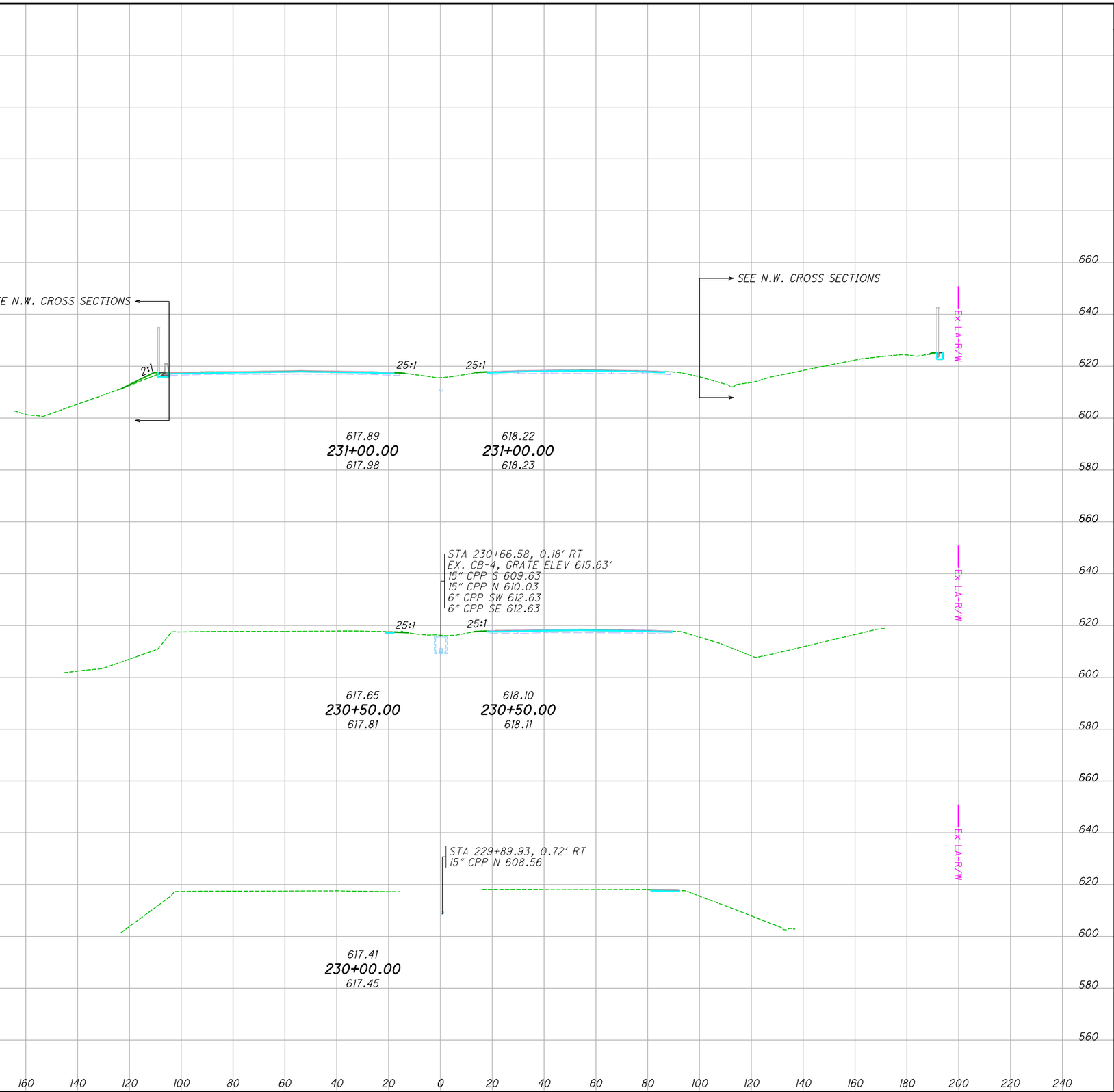
CROSS SECTIONS
STA. 228+00.00 TO STA. 229+00.00

LUC-475-0.9

470
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:24 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
26.7	103
10.4	29
	132



END AREA	
CUT	FILL
1	0
3	0
3	0
7	

VOLUME	
CUT	FILL
4	

CALCULATED	CHECKED
JRB	XXX

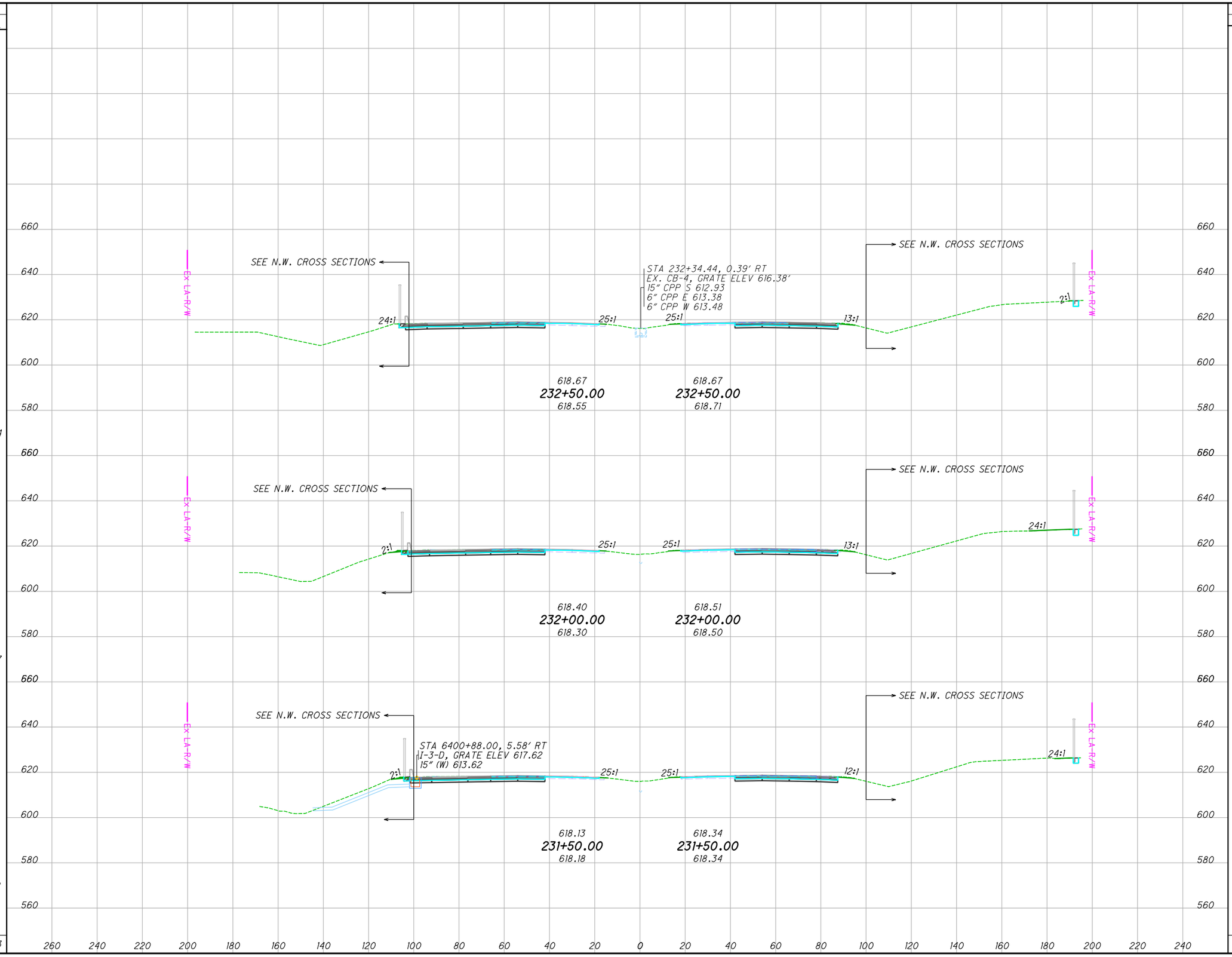
CROSS SECTIONS
STA. 230+00.00 TO STA. 231+00.00

LUC-475-0.9

471
855

I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001 - Copy.dgn Sheet 4/29/2022 8:36:25 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
19.2	204
54.0	267
42.1	192
	663



END AREA	
CUT	FILL
36	0
34	1
35	1

VOLUME	
CUT	FILL
65	1
64	2
33	1
162	4

CALCULATED JRB
CHECKED XXX

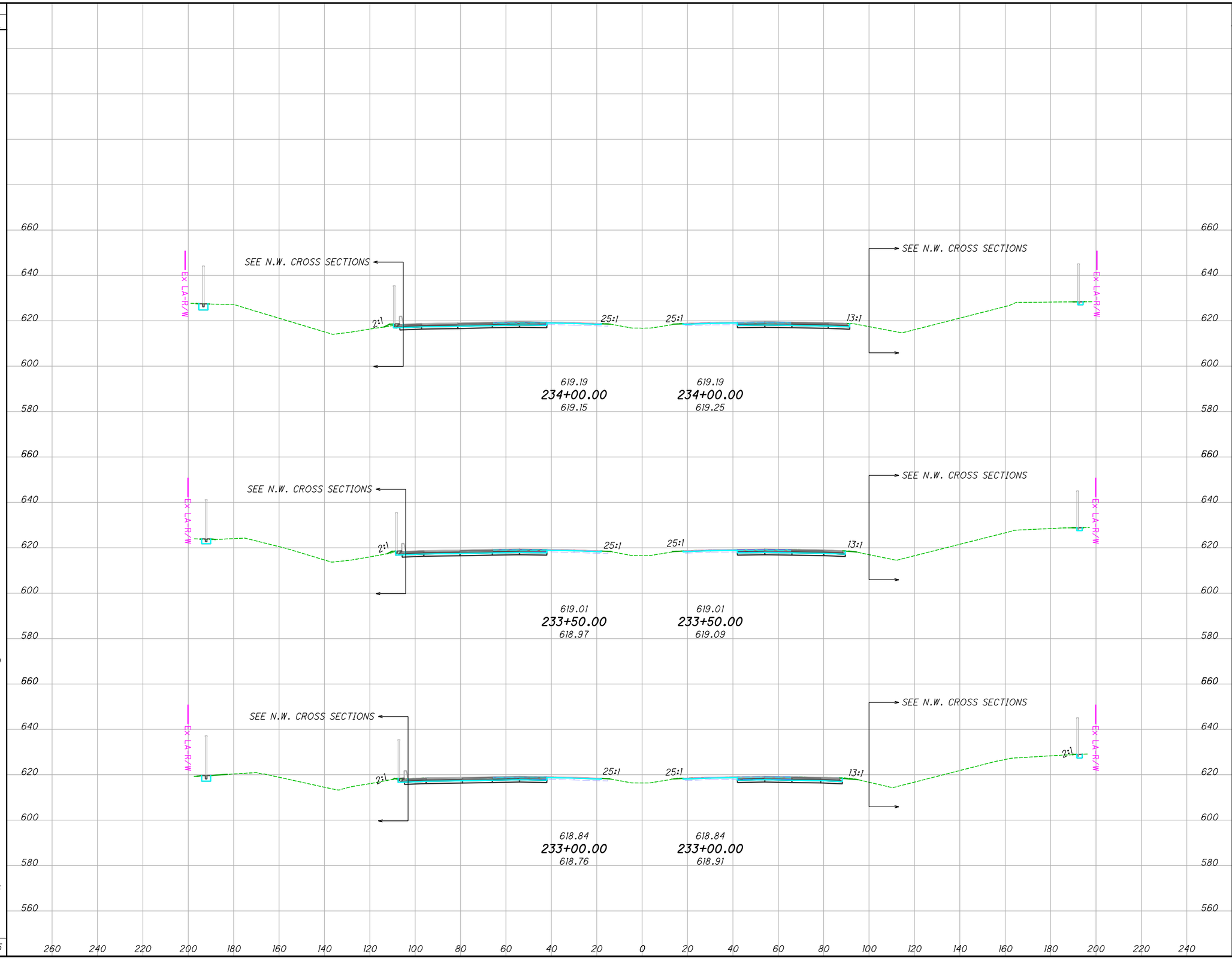
CROSS SECTIONS
STA. 231+50.00 TO STA. 232+50.00

LUC-475-0.9

472
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:26 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
18.6	119
24.2	150
29.7	136
	405



END AREA	
CUT	FILL
28	0
32	0
37	0

VOLUME	
CUT	FILL
55	
64	
68	
187	

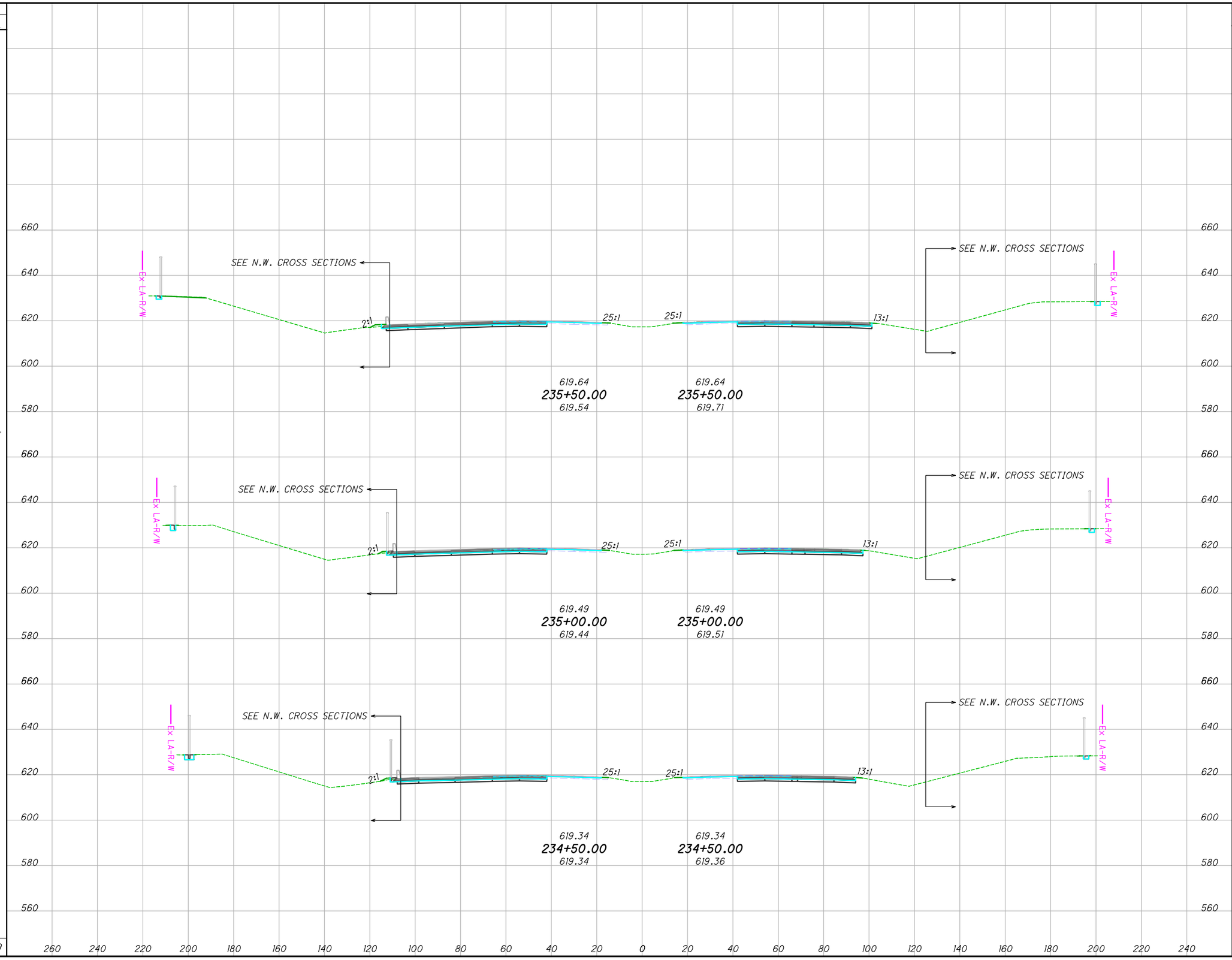
CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS
STA. 233+00.00 TO STA. 234+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:27 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
41.0	168
19.1	111
20.8	110
	389



END AREA	
CUT	FILL
45	0
29	0
30	0

VOLUME	
CUT	FILL
69	
55	
53	
177	

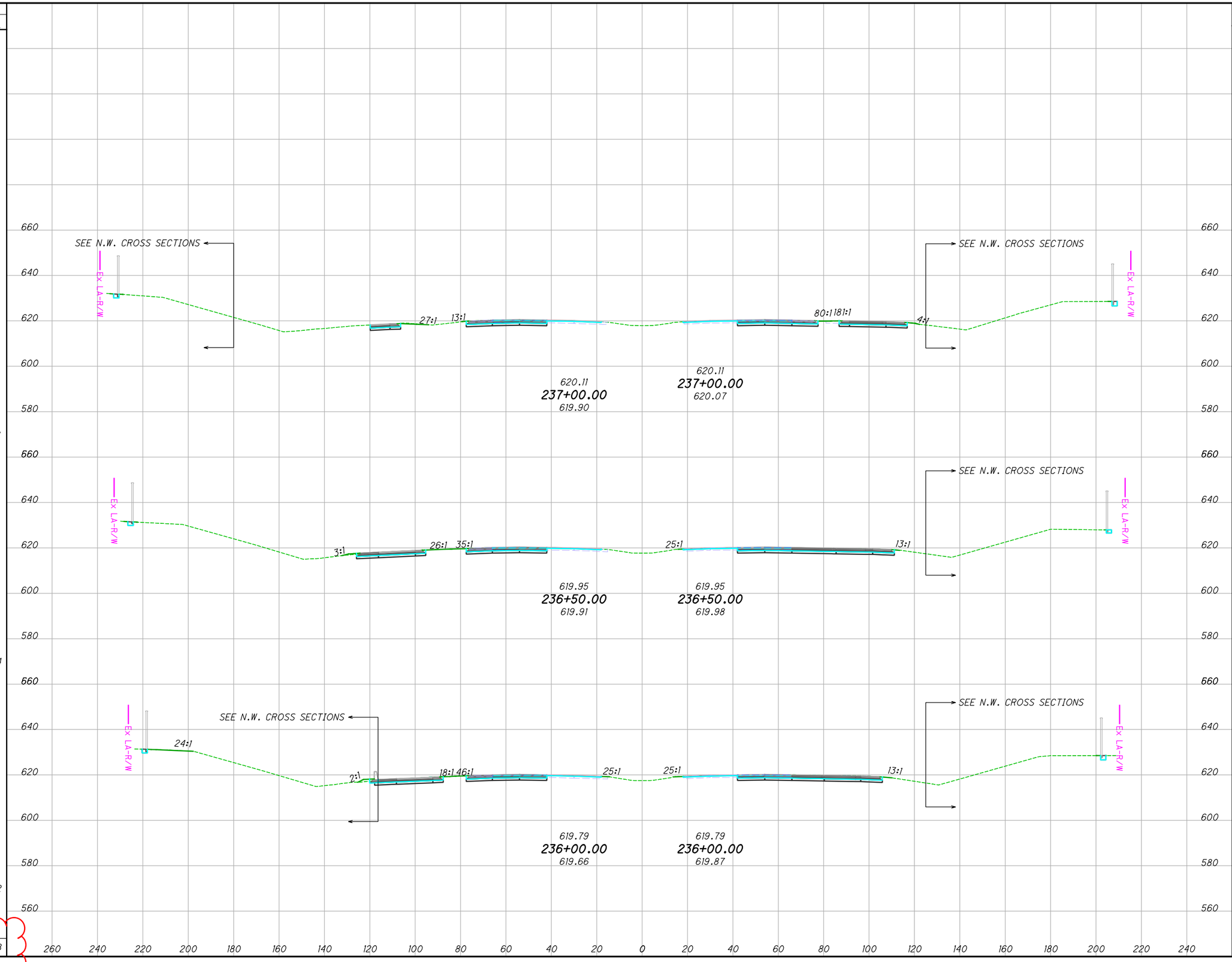
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 234+50.00 TO STA. 235+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:28 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
41.5	
	212
35	
	254
56.5	
	272
	738



END AREA	
CUT	FILL
52	5
58	2
57	0
302	8

VOLUME	
CUT	FILL
102	6
106	2
94	

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 236+00.00 TO STA. 237+00.00

LUC-475-0.9

475
855

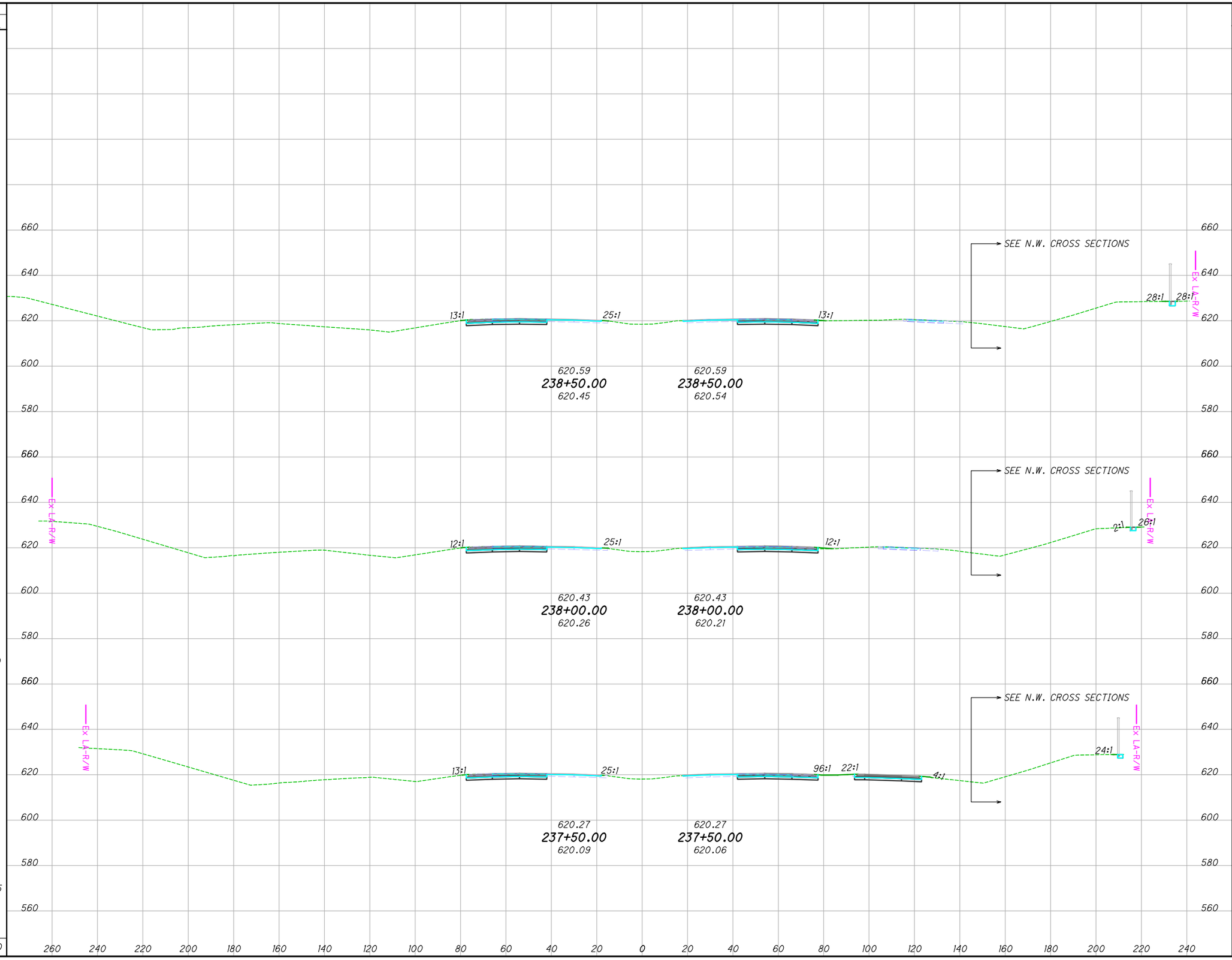
I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:29 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
15.9	95
18.2	140
32.2	205
	440

END AREA	
CUT	FILL
28	0
25	2
38	3
	191

VOLUME	
CUT	FILL
50	2
58	5
83	7
	14

CALCULATED JRB
CHECKED XXX

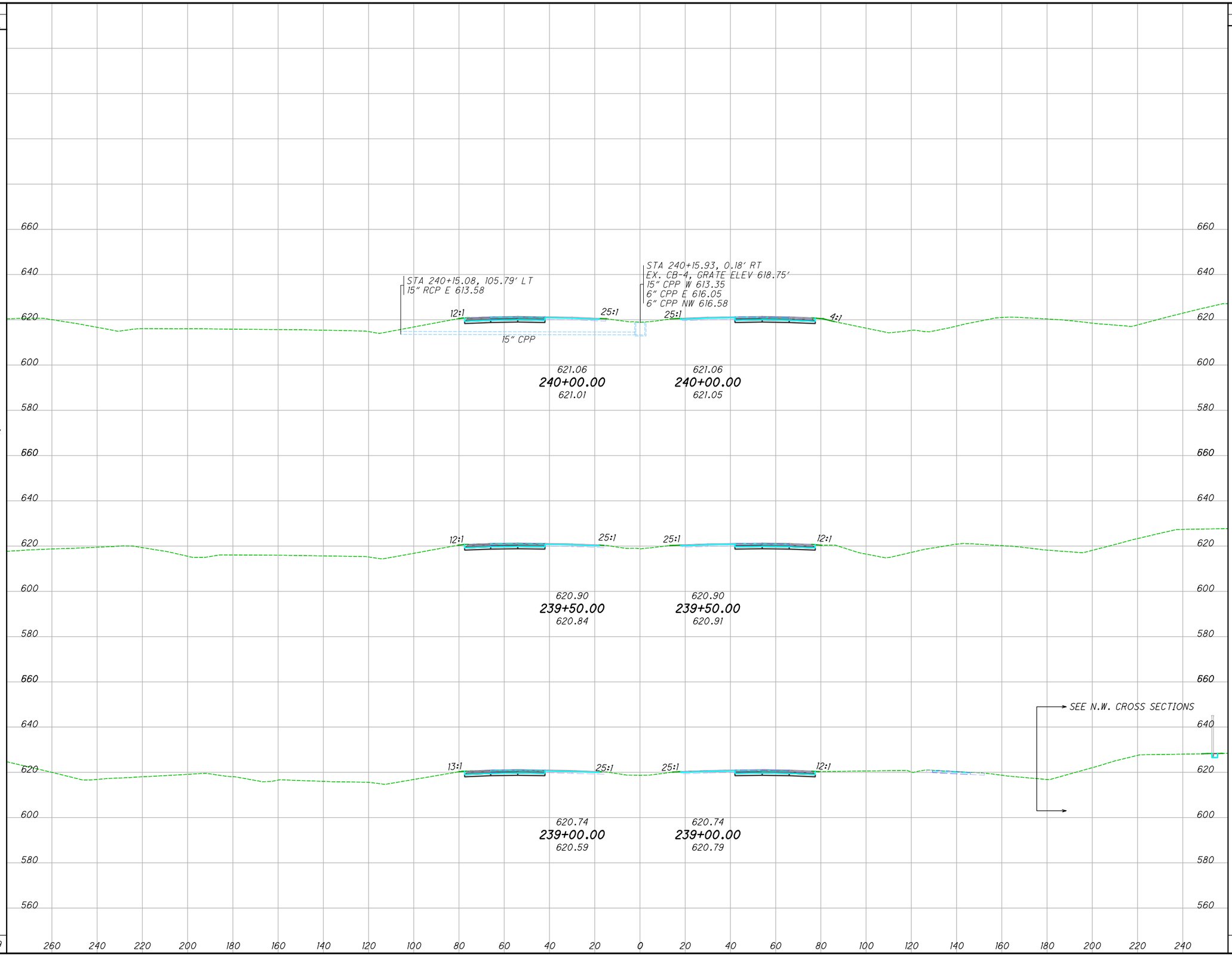


CROSS SECTIONS
STA. 237+50.00 TO STA. 238+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:30 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
21.7	103
15.1	92
18.0	94
	289



END AREA	
CUT	FILL
28	1
29	0
30	0

VOLUME	
CUT	FILL
53	1
55	
54	
162	1

CALCULATED JRB
CHECKED XXX

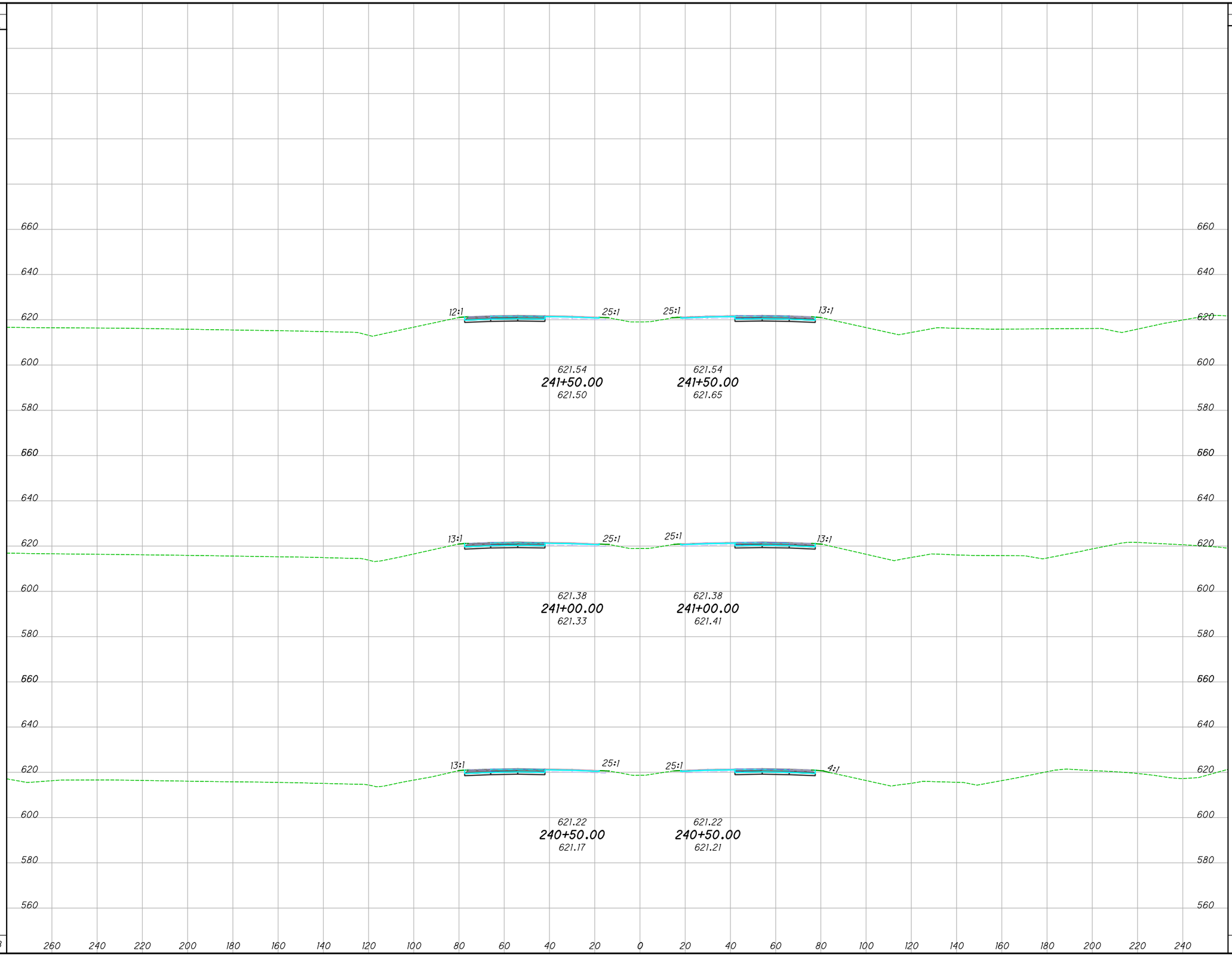
CROSS SECTIONS
STA. 239+00.00 TO STA. 240+00.00

LUC-475-0.9

477
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:31 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
15.7	
	88
15.9	
	97
19.0	
	113
	298



END AREA	
CUT	FILL
31	0
30	0
30	0

VOLUME	
CUT	FILL
57	
56	
54	1
167	1

CALCULATED	CHECKED
JRB	XXX

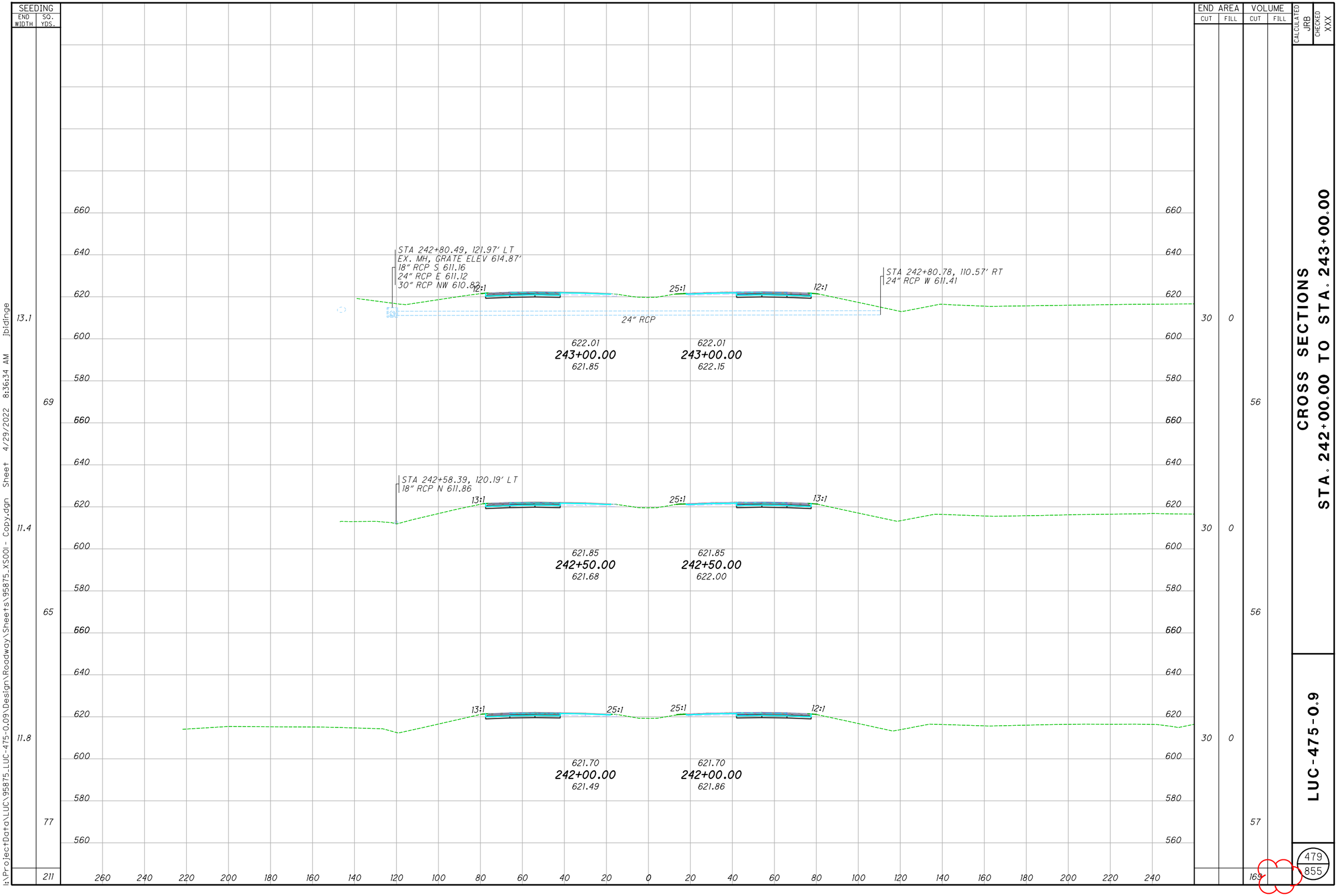
CROSS SECTIONS

STA. 240+50.00 TO STA. 241+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:33 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
13.1	69
11.4	65
11.8	77
	211



END AREA	
CUT	FILL
30	0
30	0
30	0

VOLUME	
CUT	FILL
56	
56	
57	
169	

CALCULATED	CHECKED
JRB	XXX

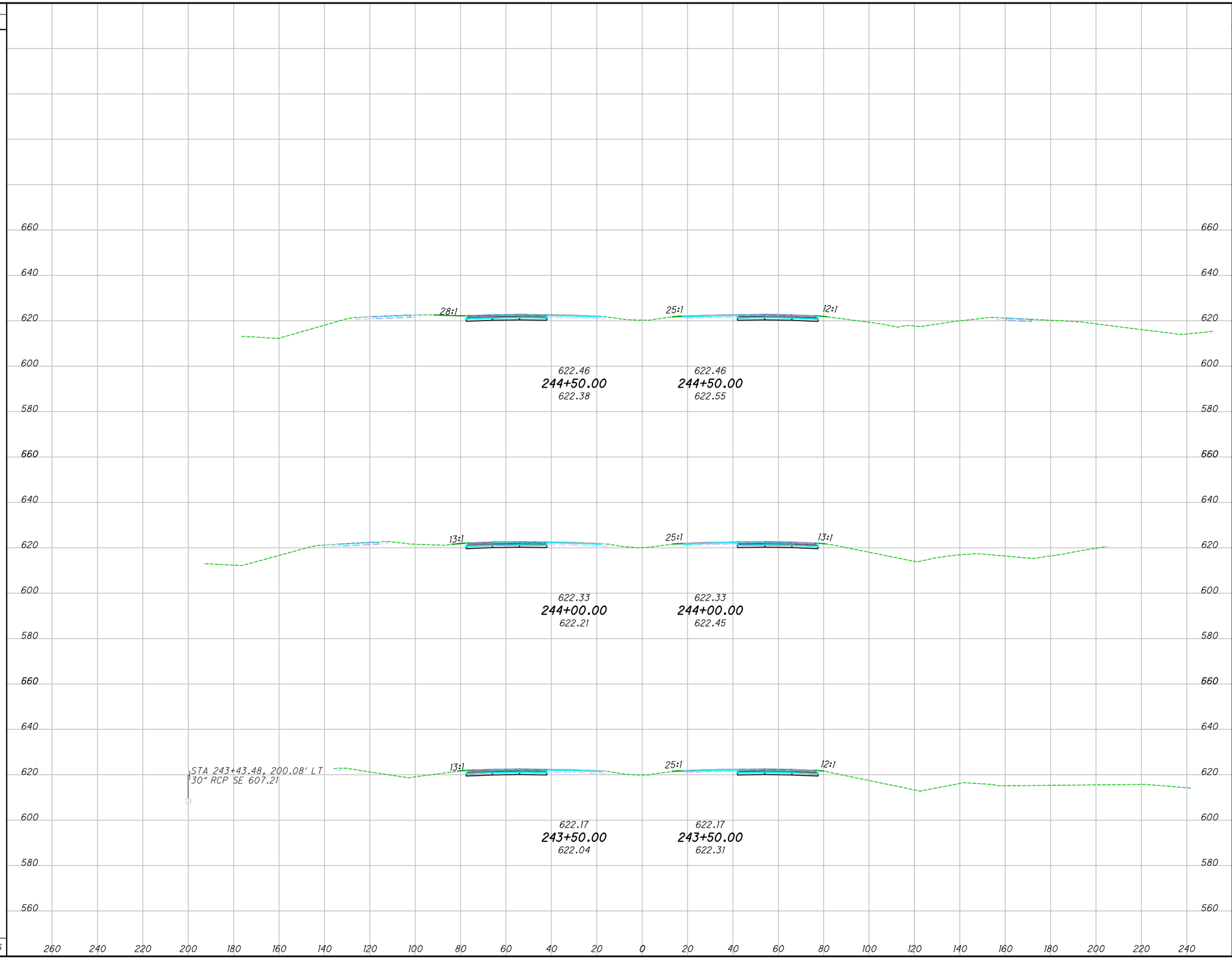
CROSS SECTIONS
STA. 242+00.00 TO STA. 243+00.00

LUC-475-0.9

479
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:34 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
25.5	
	117
16.4	
	84
13.7	
	75
	276



END AREA	
CUT	FILL
34	0
34	0
34	0

VOLUME	
CUT	FILL
63	
63	
59	
185	

CALCULATED	CHECKED
JRB	XXX

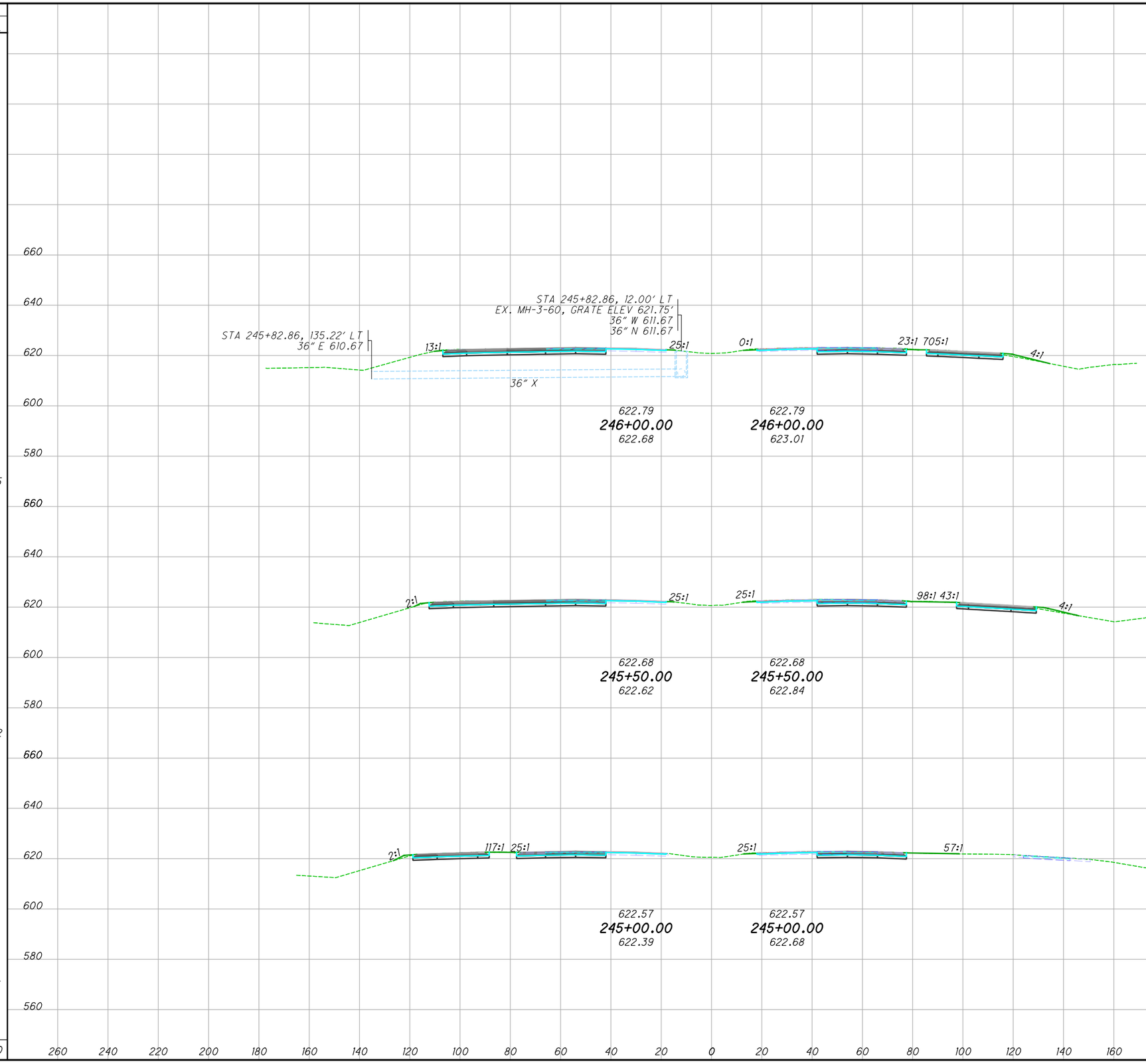
CROSS SECTIONS
STA. 243+50.00 TO STA. 244+50.00

LUC-475-0.9

480
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:35 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
45.0	285
57.6	302
51.1	213
	800



END AREA	
CUT	FILL
59	9
64	9
46	4

VOLUME	
CUT	FILL
113	17
102	12
74	4
285	33

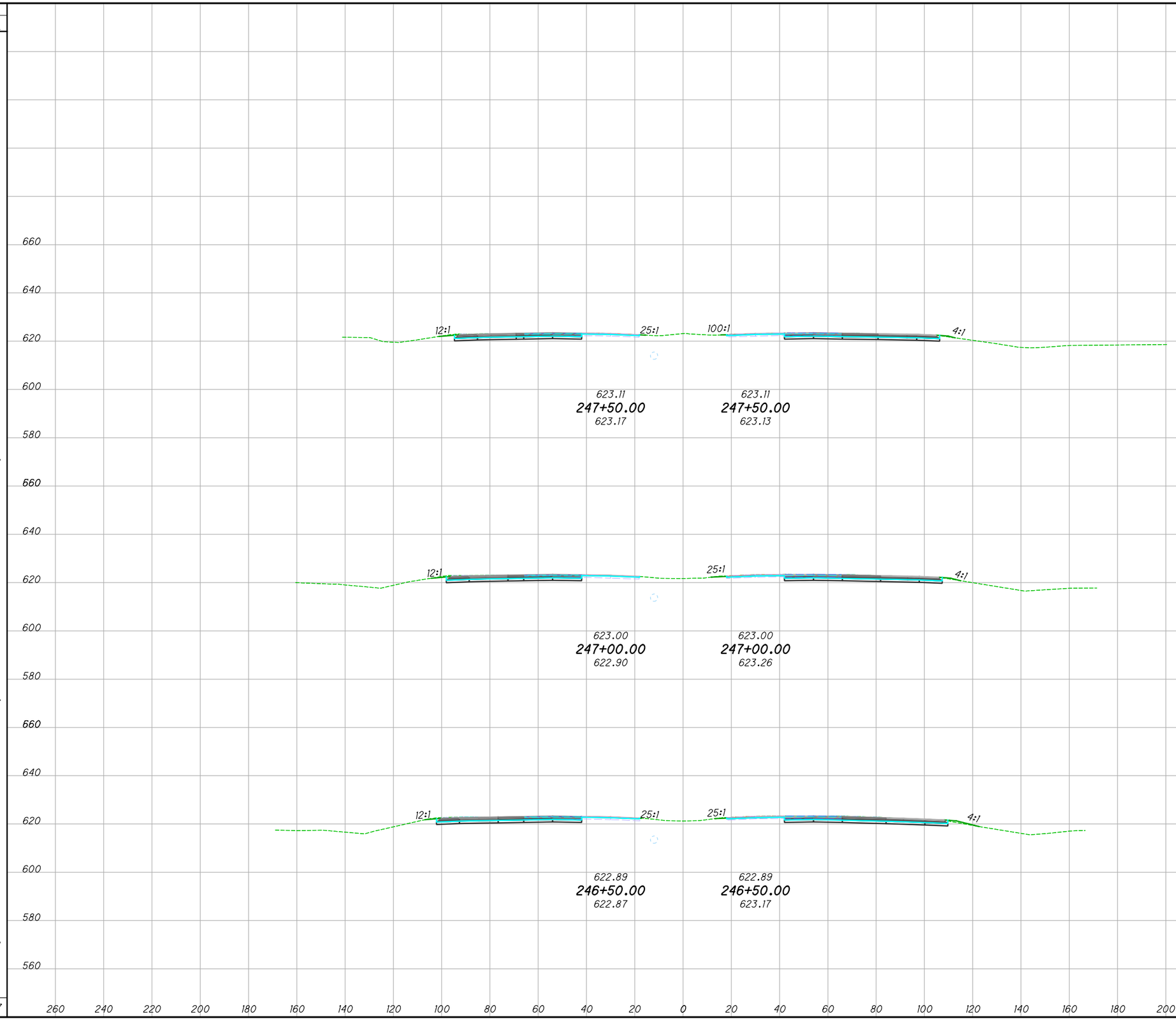
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 245+00.00 TO STA. 246+00.00
LUC-475-0.9

481
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:36 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
20.4	122
23.2	137
26.0	198
	457



END AREA	
CUT	FILL
41	1
51	2
52	5

VOLUME	
CUT	FILL
85	3
95	6
102	13
282	22

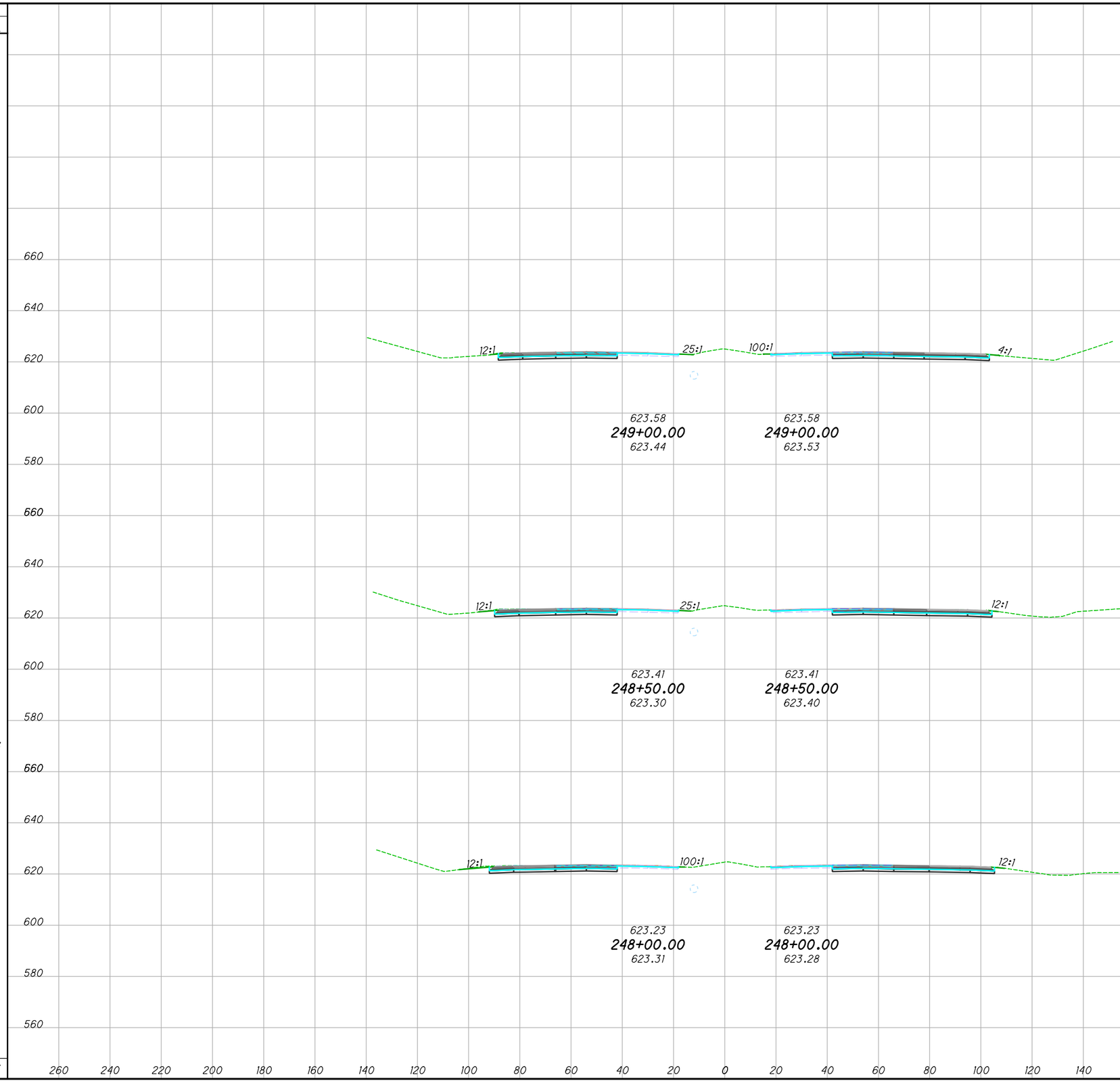
CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS
STA. 246+50.00 TO STA. 247+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:37 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
18.5	96
16.2	103
20.7	114
	313



END AREA	
CUT	FILL
36	1
39	0
42	0

VOLUME	
CUT	FILL
69	1
75	
77	1
221	2

CALCULATED	CHECKED
JRB	XXX

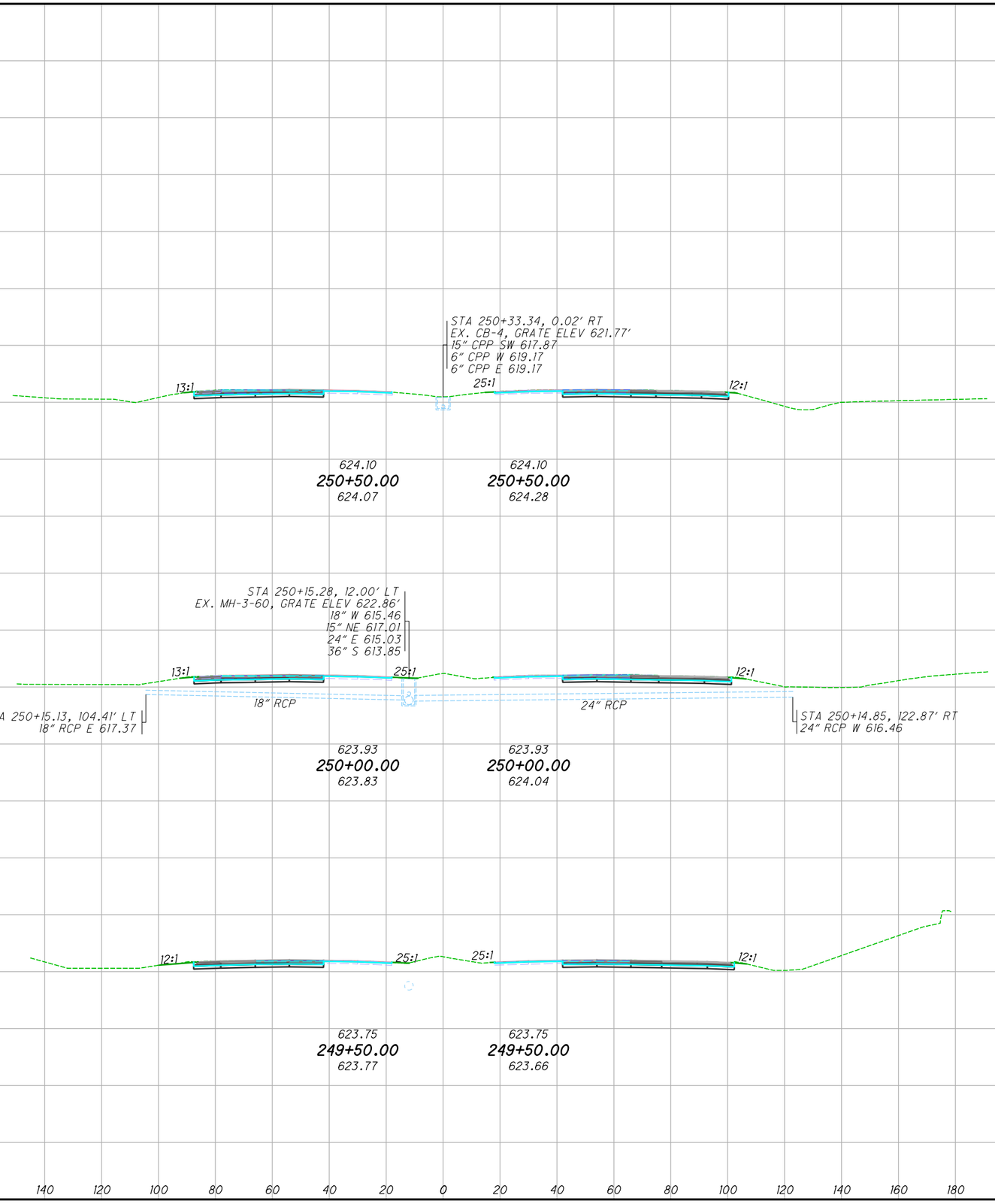
CROSS SECTIONS

STA. 248+00.00 TO STA. 249+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:38 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
12.5	97
22.3	136
26.6	125
	358



END AREA	
CUT	FILL
45	0
41	1
36	1

VOLUME	
CUT	FILL
79	1
71	2
66	2
216	5

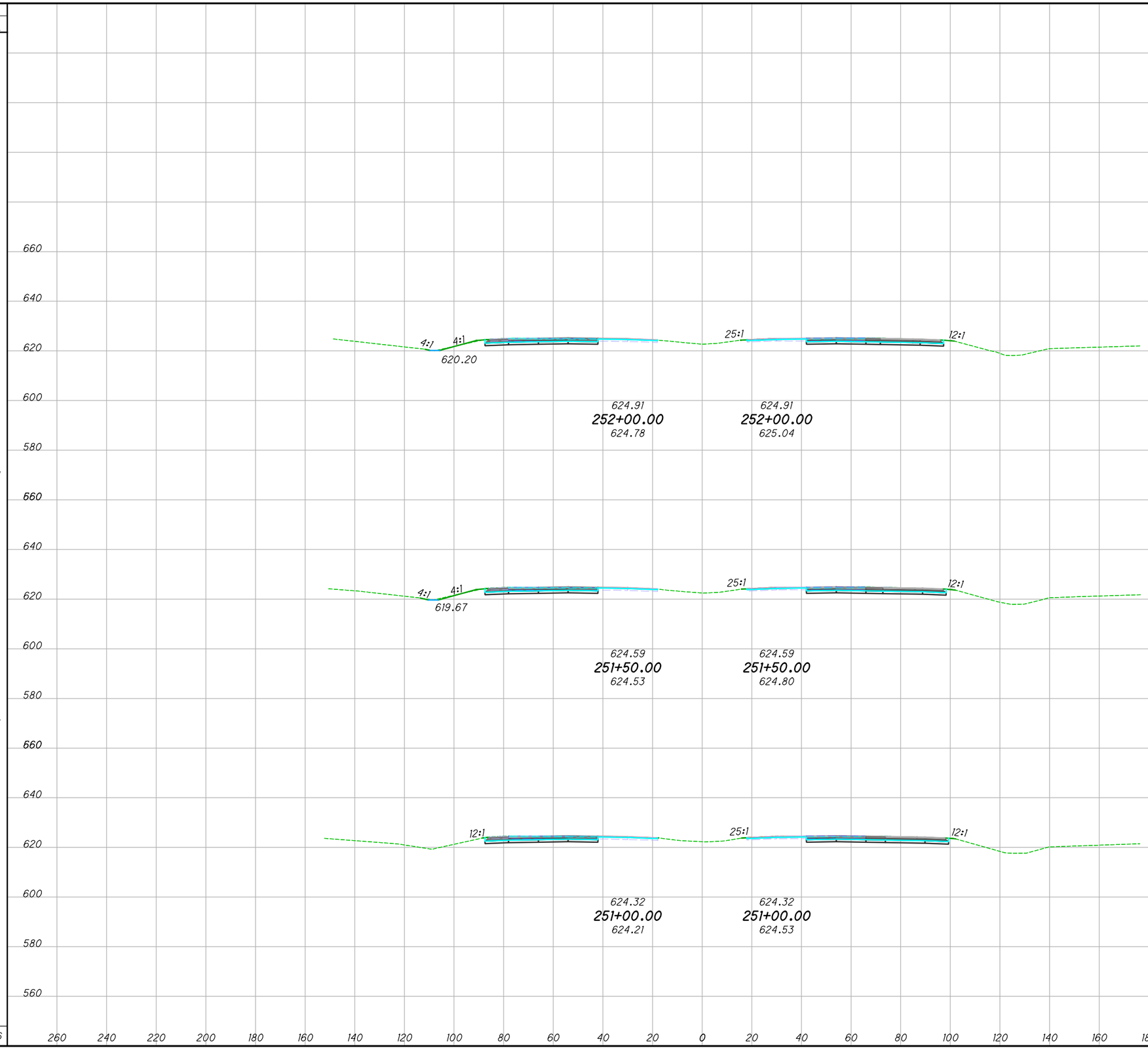
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 249+50.00 TO STA. 250+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:39 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
34.4	
	194
35.4	
	123
8.9	
	59
	376



END AREA	
CUT	FILL
38	2
42	1
42	0

VOLUME	
CUT	FILL
75	3
78	1
80	
233	4

CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS

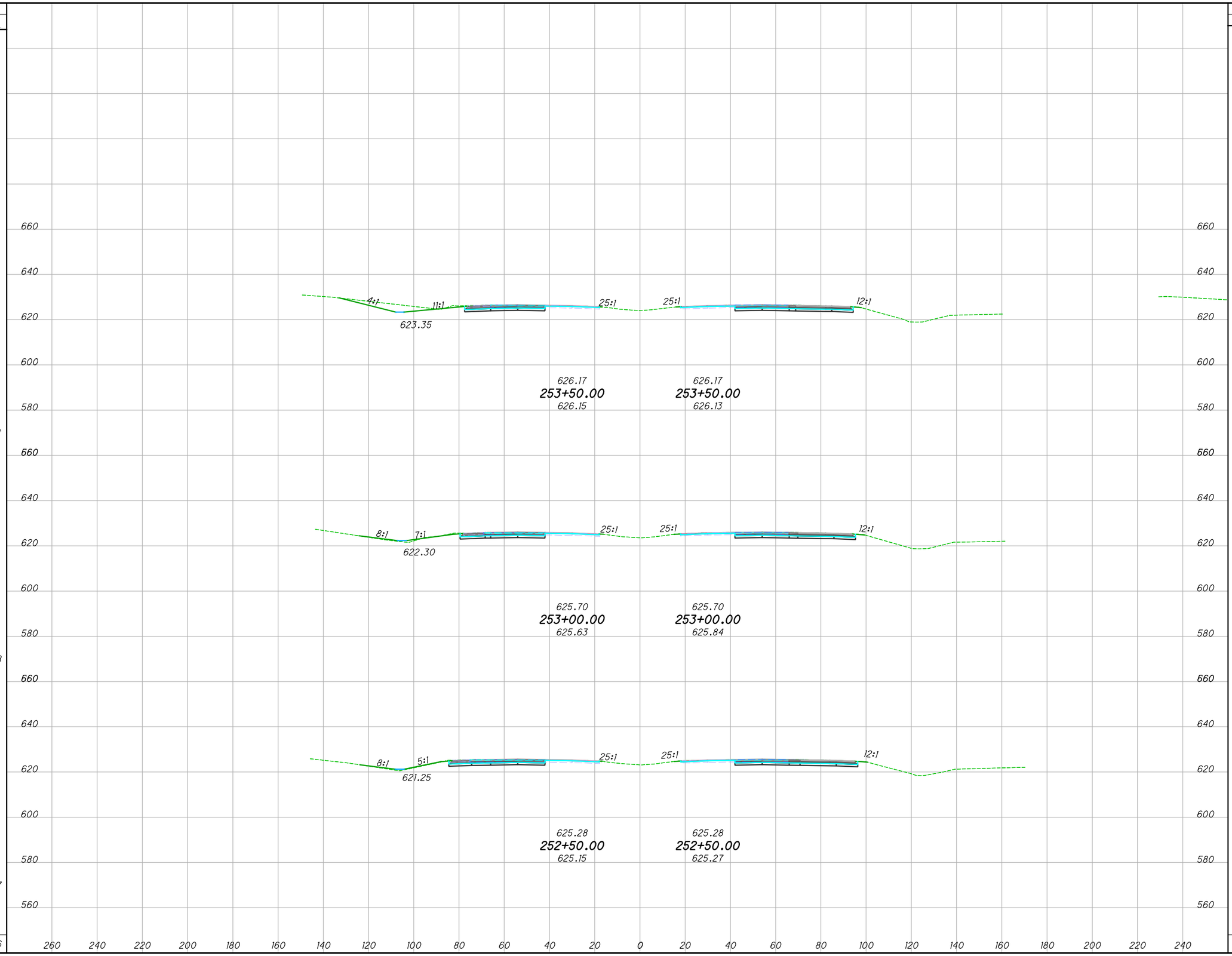
STA. 251+00.00 TO STA. 252+00.00

LUC-475-0.9

485
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:40 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
66.0	341
56.5	298
50.8	237
	876



END AREA	
CUT	FILL
122	0
40	9
39	9

VOLUME	
CUT	FILL
149	8
72	17
71	10
293	35

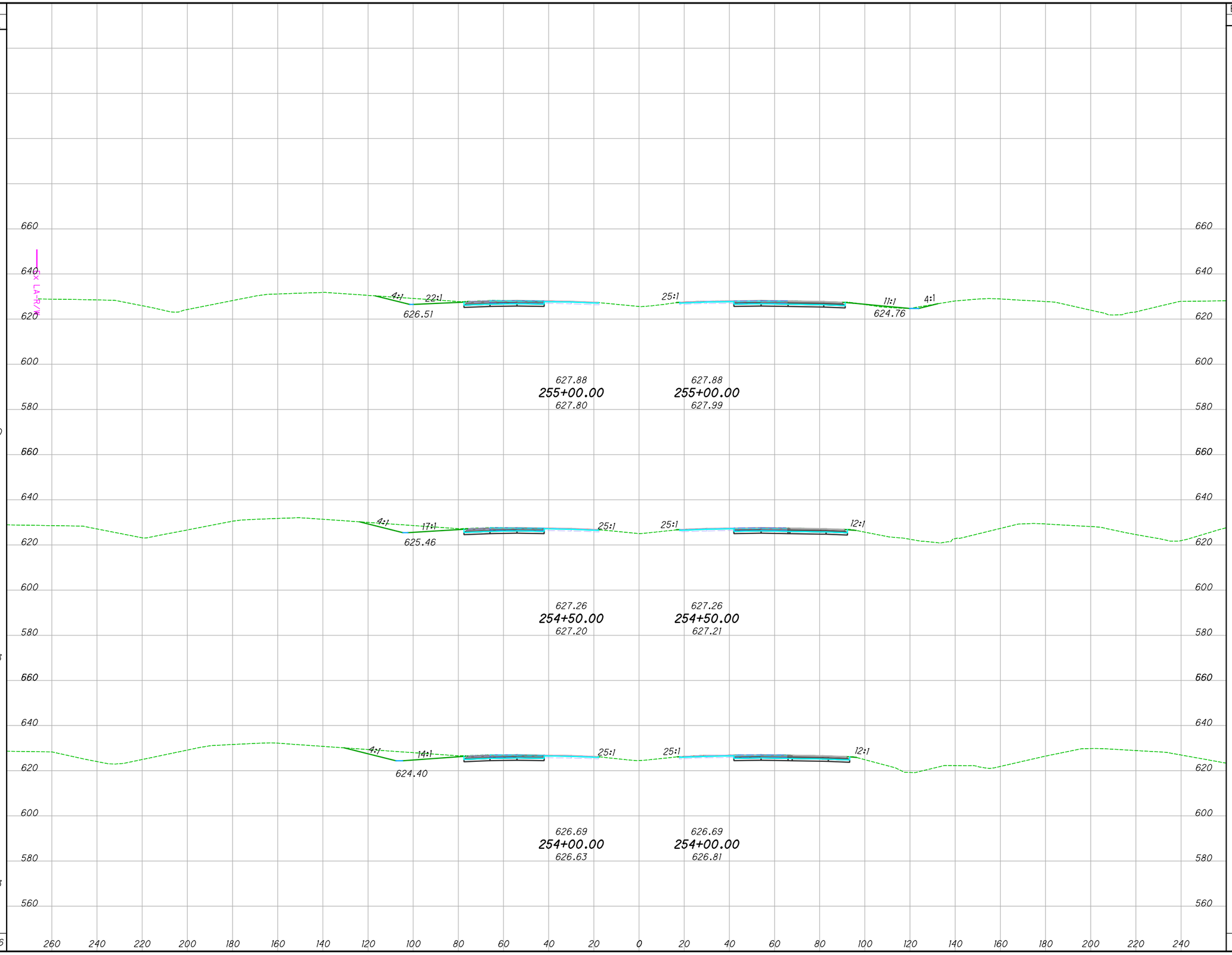
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 252+50.00 TO STA. 253+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:41 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
85.2	390
55.2	323
61.0	353
	1066



END AREA	
CUT	FILL
101	7
123	0
155	0

VOLUME	
CUT	FILL
207	6
257	
256	
720	6

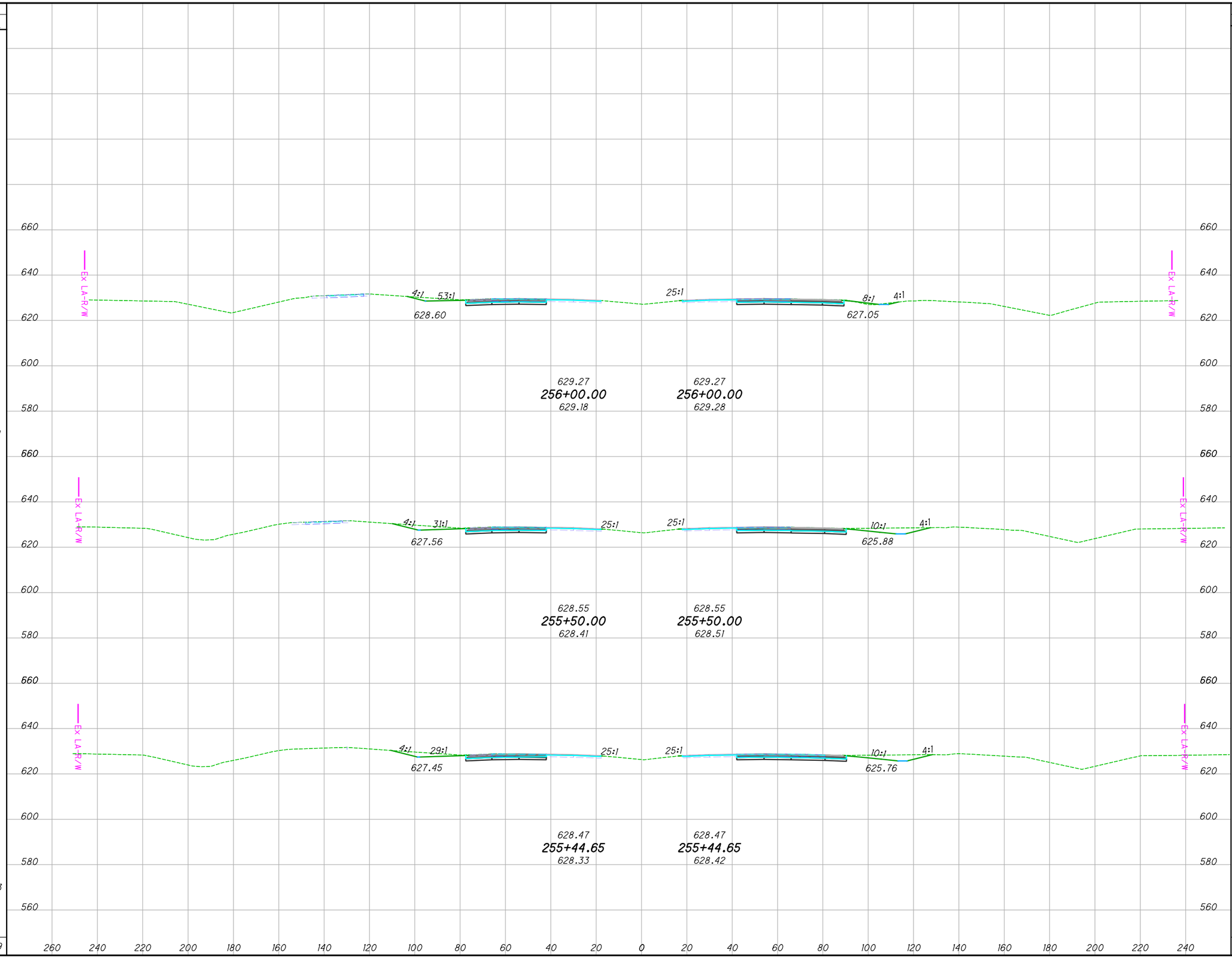
CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 254+00.00 TO STA. 255+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:42 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
54.6	361
75.5	45
76.9	403
	809



END AREA	
CUT	FILL
62	0
130	0
132	0

VOLUME	
CUT	FILL
178	
26	
193	6
397	6

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 255+44.65 TO STA. 256+00.00

LUC-475-0.9

488
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:43 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
46.4	235
38.1	175
24.8	220
	630

END AREA	
CUT	FILL
84	1
61	3
43	1

VOLUME	
CUT	FILL
134	4
96	4
97	1
327	9

CALCULATED JRB

CHECKED XXX

CROSS SECTIONS

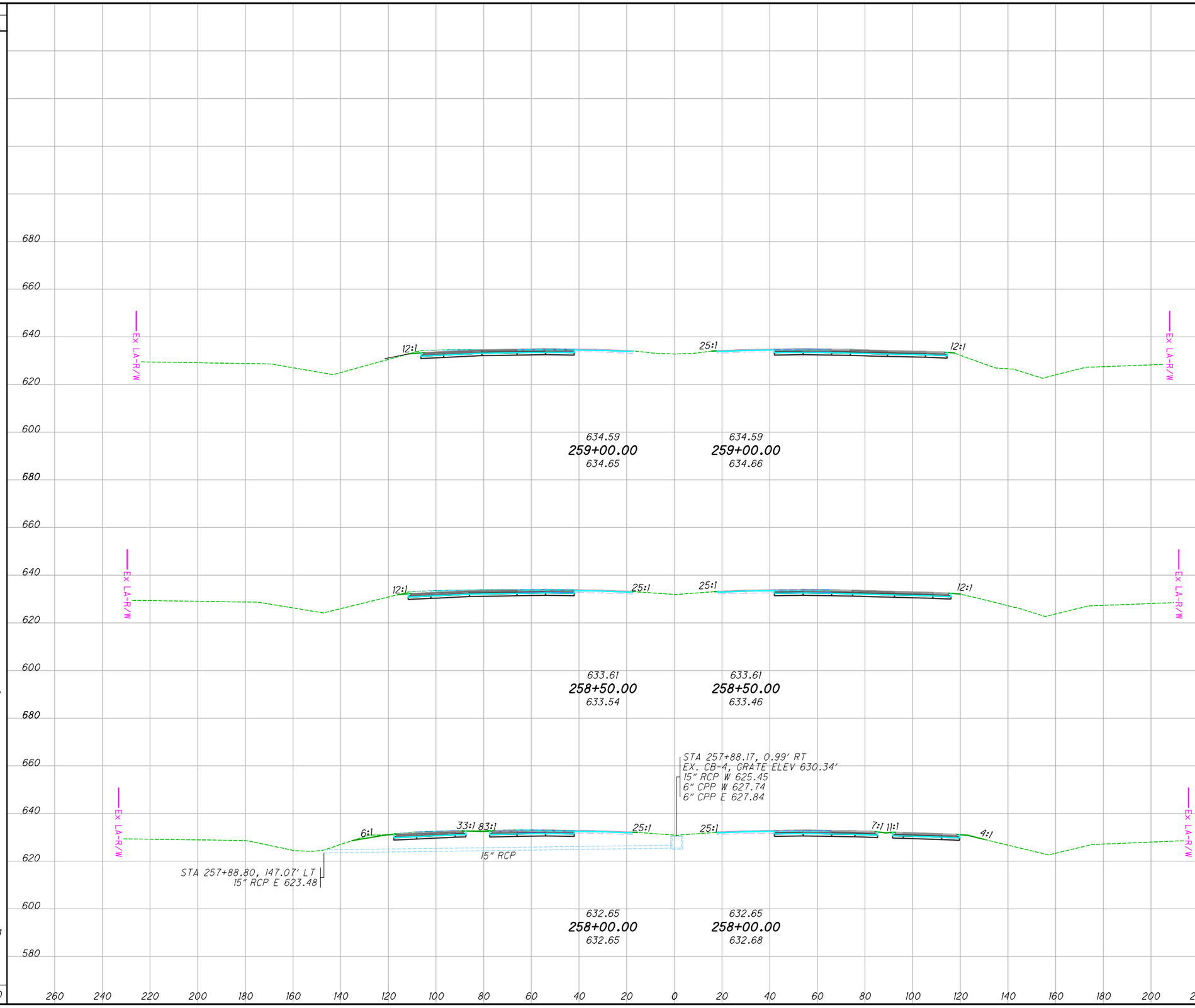
STA. 256+50.00 TO STA. 257+50.00

LUC-475-0.9

489
855

I:\Project Data\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:44 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
13.2	
	74
13.1	
	192
56.0	
	284
	550



END AREA	
CUT	FILL
65	0
74	1
93	2

VOLUME	
CUT	FILL
129	1
155	3
164	3
440	7

CALCULATED	CHECKED
JRB	XXX

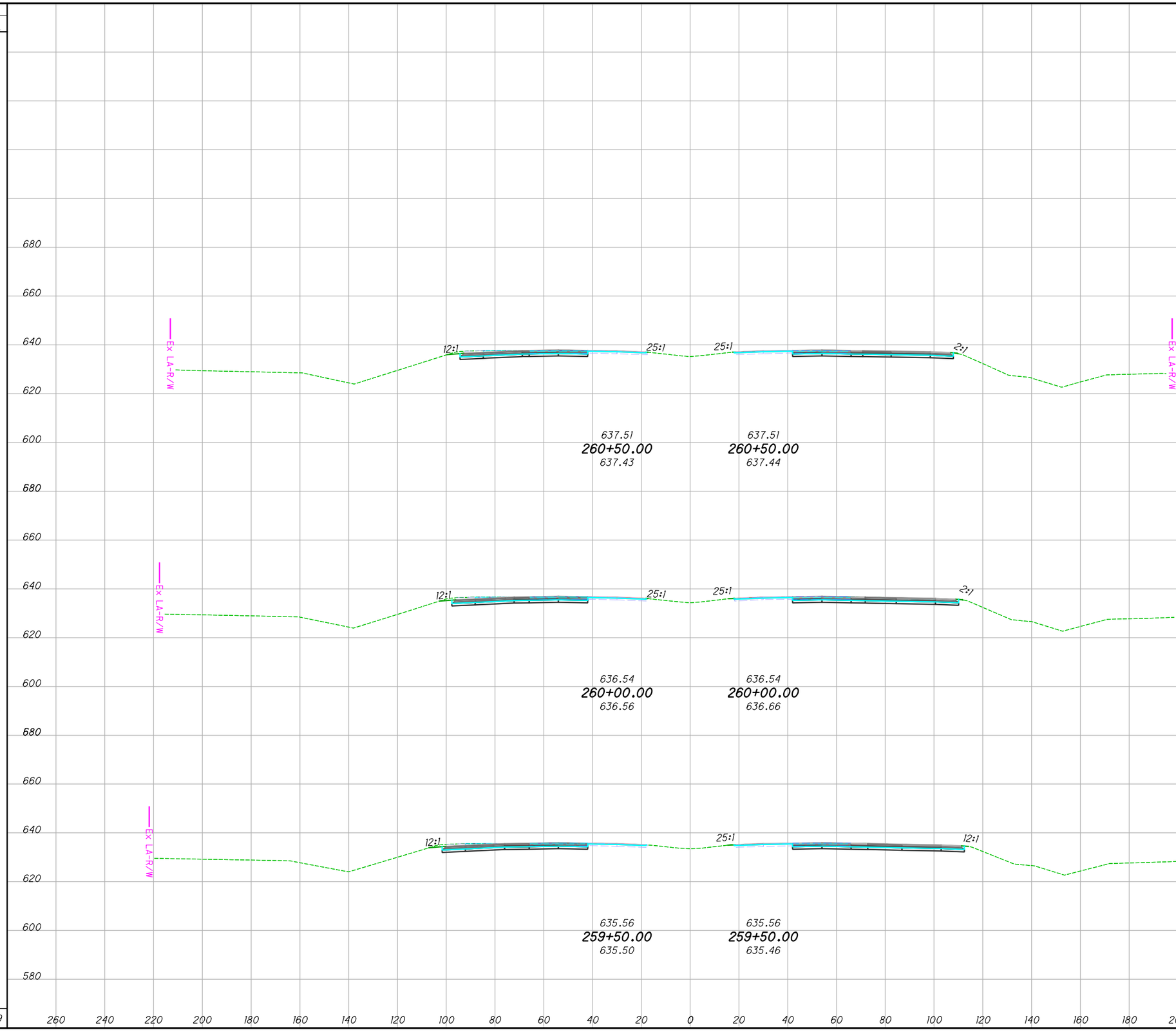
CROSS SECTIONS

STA. 258+00.00 TO STA. 259+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:45 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
11.4	67
12.6	70
12.6	72
	209



END AREA	
CUT	FILL
55	0
57	0
60	0

VOLUME	
CUT	FILL
	103
	108
	115
	326

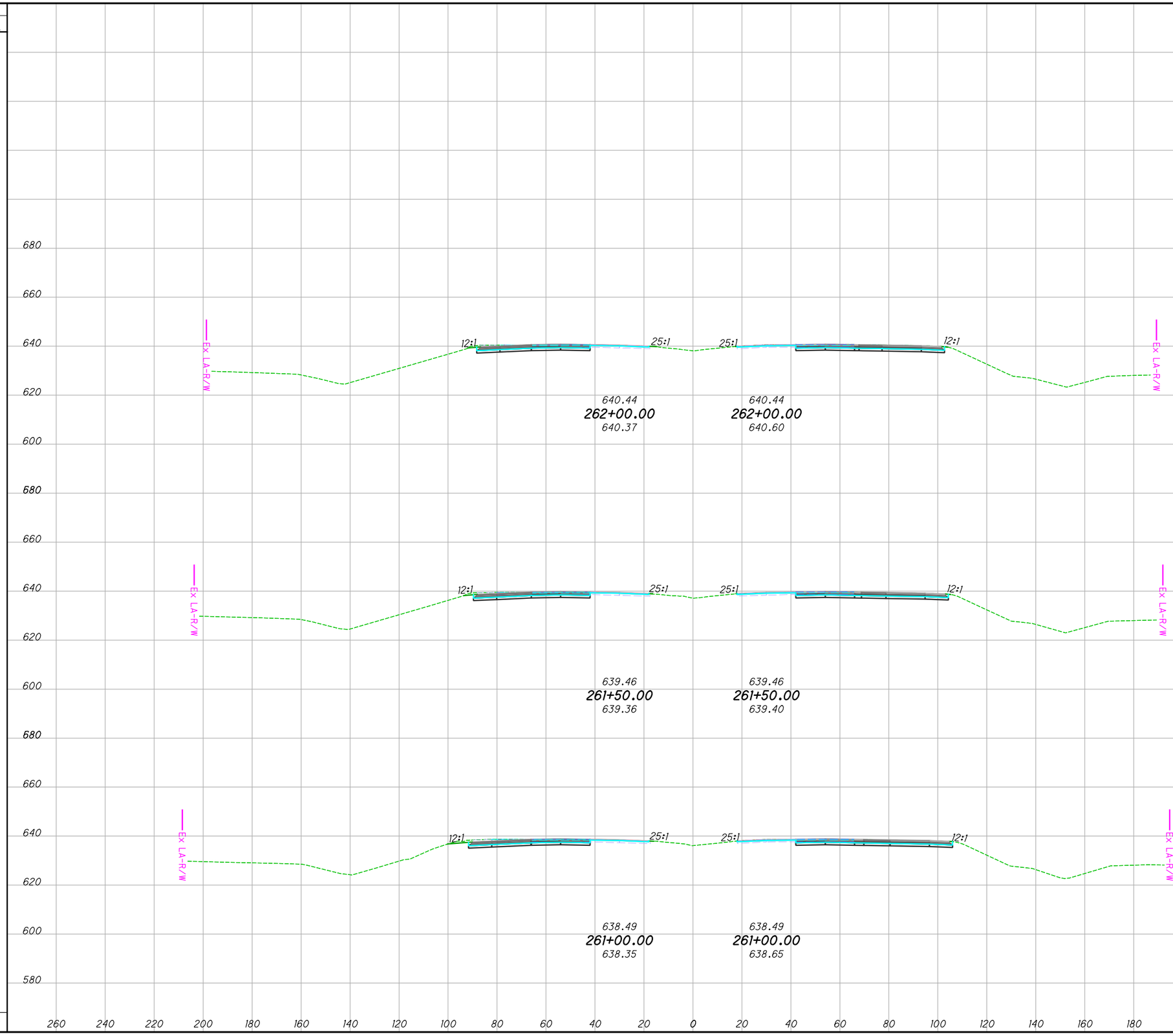
CALCULATED	CHECKED
JRB	XXX

CROSS SECTIONS
STA. 259+50.00 TO STA. 260+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:46 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
11.2	57
9.2	64
13.6	70
	191



END AREA	
CUT	FILL
48	0
48	0
55	0

VOLUME	
CUT	FILL
89	
95	
101	
285	

CALCULATED	CHECKED
JRB	XXX

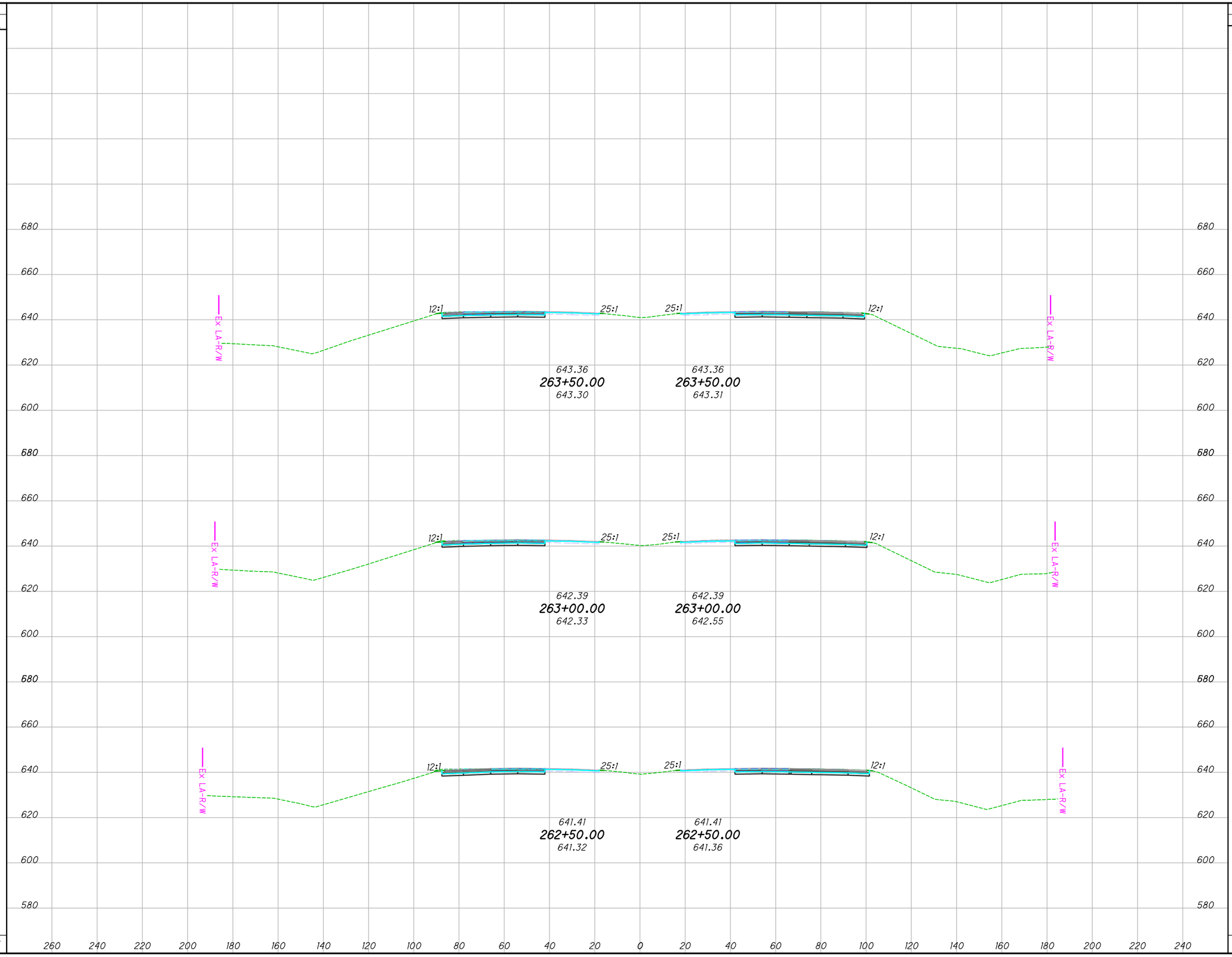
CROSS SECTIONS

STA. 261+00.00 TO STA. 262+00.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:47 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
10.7	65
12.4	67
11.5	63
	195



END AREA	
CUT	FILL
47	0
50	0
50	0

VOLUME	
CUT	FILL
90	
92	
90	
272	

CALCULATED	CHECKED
JRB	XXX

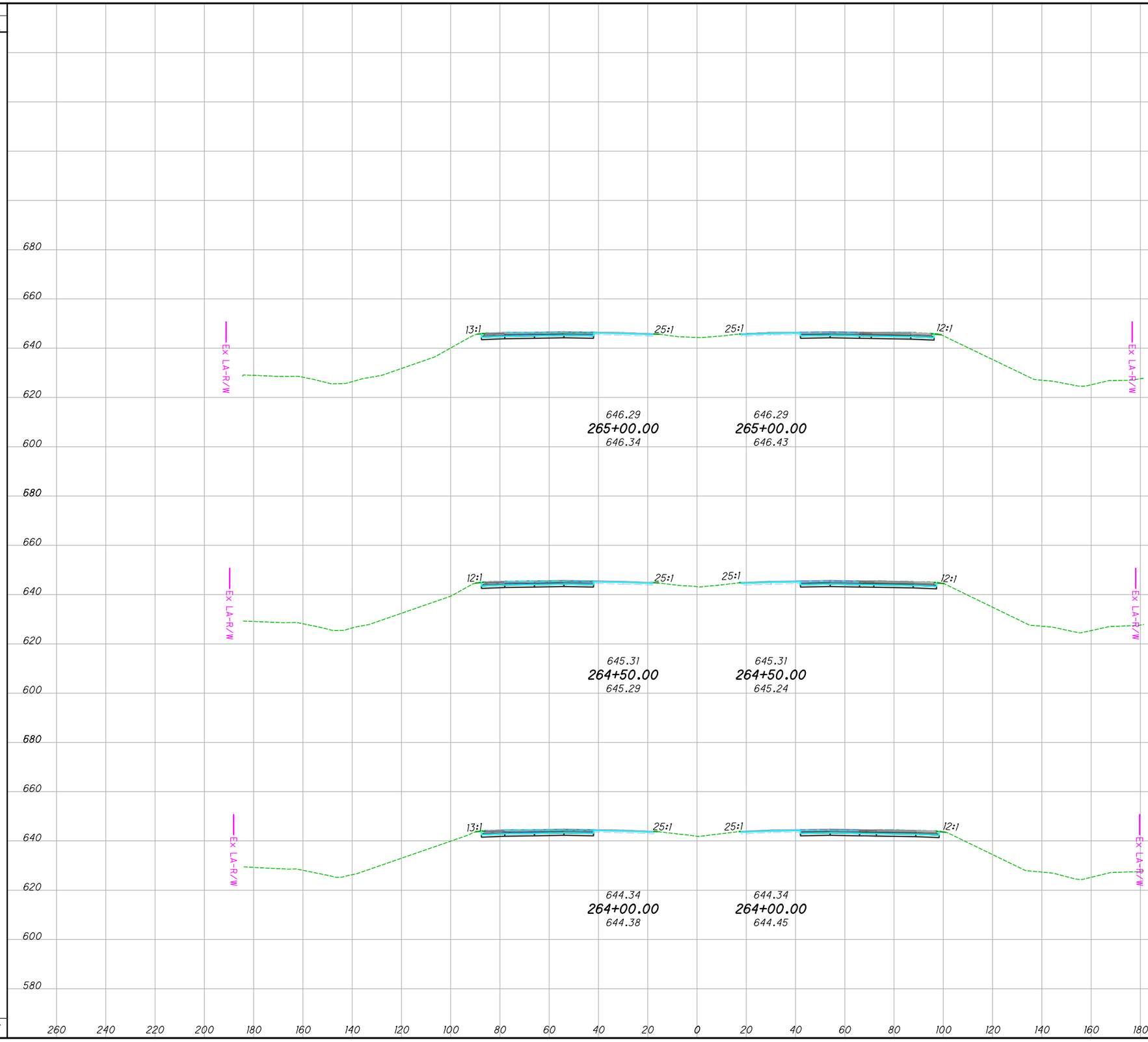
CROSS SECTIONS

STA. 262+50.00 TO STA. 263+50.00

LUC-475-0.9

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:48 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
10.4	
	60
11.0	
	59
10.2	
	58
	177



END AREA	
CUT	FILL
45	0
46	0
47	0

VOLUME	
CUT	FILL
84	
85	
86	
255	

CALCULATED JRB
CHECKED XXX

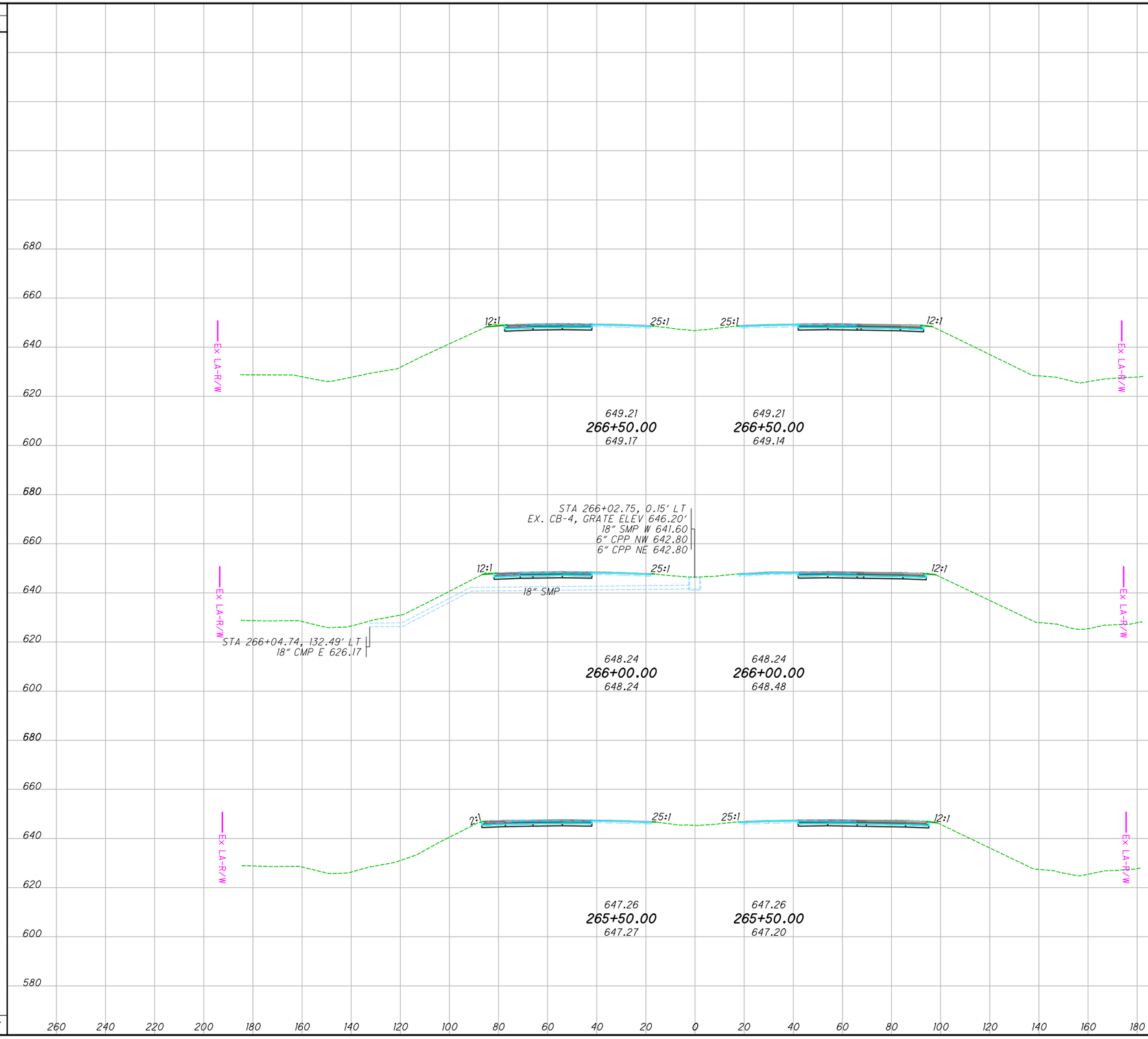
CROSS SECTIONS
STA. 264+00.00 TO STA. 265+00.00

LUC-475-0.9

494
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:49 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
15.8	
	80
13.1	
	62
9.4	
	55
	197



END AREA	
CUT	FILL
35	0
35	0
43	1

VOLUME	
CUT	FILL
65	
73	1
82	1
220	2

CALCULATED JRB
CHECKED XXX

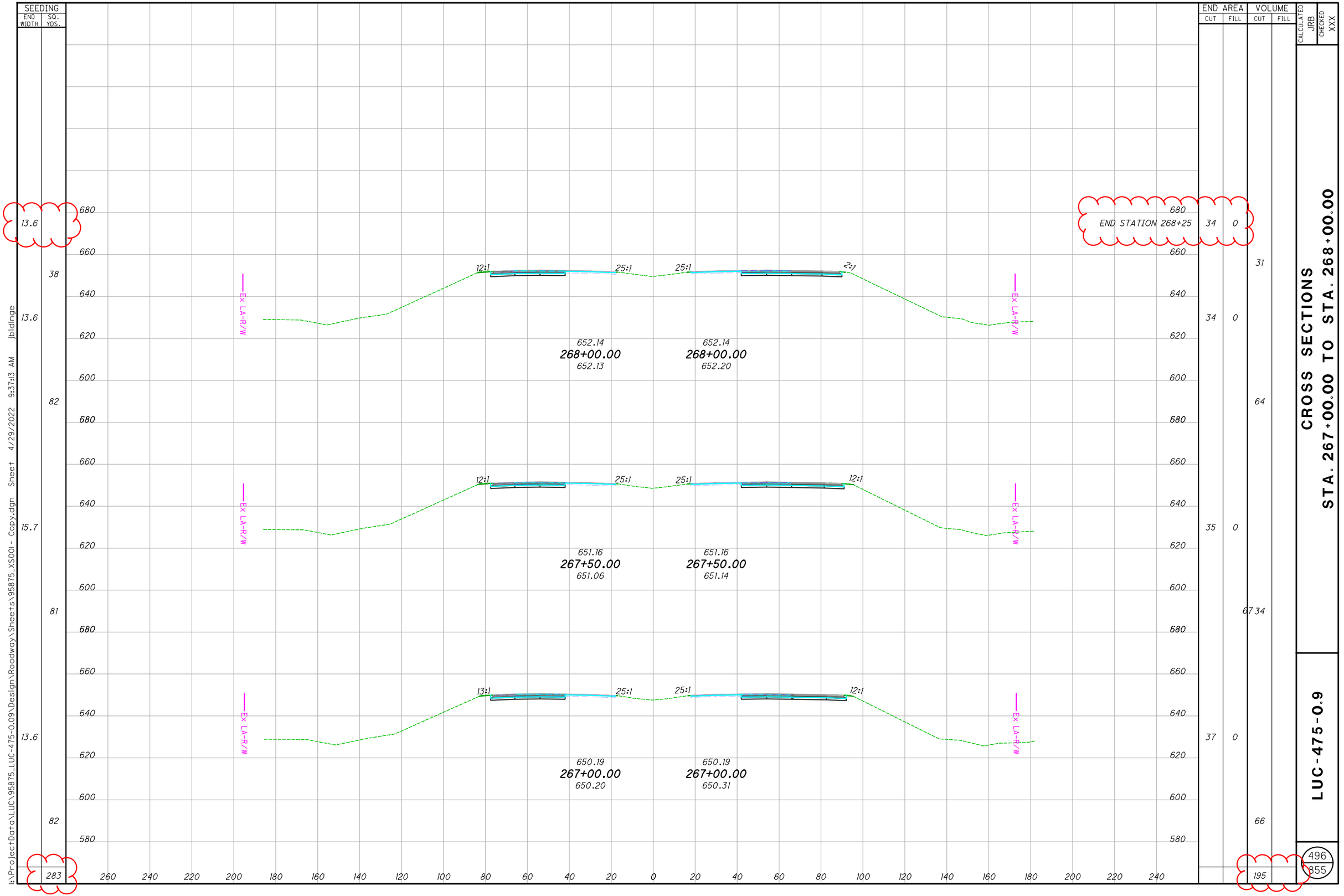
CROSS SECTIONS
STA. 265+50.00 TO STA. 266+50.00

LUC-475-0.9

495
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 8:36:50 AM jbidinge

SEEDING	
END WIDTH	SQ. YDS.
13.6	
	38
13.6	
	82
15.7	
	81
13.6	
	82
	283



END AREA		VOLUME	
CUT	FILL	CUT	FILL
END STATION 268+25	34	0	
			31
34	0		
			64
35	0		
		67	34
37	0		
			66
			195

CALCULATED JRB
CHECKED XXX

CROSS SECTIONS
STA. 267+00.00 TO STA. 268+00.00

LUC-475-0.9

496
855

I:\ProjectData\LUC\95875_LUC-475-0.09\Design\Roadway\Sheets\95875_XS001- Copy.dgn Sheet 4/29/2022 9:37:13 AM jbidinge

ESTIMATED QUANTITIES (04/IMS/BR)

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	11003	LS	LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					2/29
202	22900	266	SY	APPROACH SLAB REMOVED				266	
202	23500	266	SY	WEARING COURSE REMOVED				266	
503	11101	LS	LS	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN					329
503	21300	LS	LS	UNCLASSIFIED EXCAVATION					
505	11100	LS	LS	PILE DRIVING EQUIPMENT MOBILIZATION					
507	00200	3315	FT	STEEL PILES HP12X53, FURNISHED	3315				
507	00250	3145	FT	STEEL PILES HP12X53, DRIVEN	3145				
507	93300	34	EACH	STEEL POINTS OR SHOES	34				
509	10000	112791	LB	EPOXY COATED REINFORCING STEEL	20796	57402	34593		
509	30020	7239	FT	NO. 4 GFRP DEFORMED BARS			7239		
509	40000	174284	LB	REINFORCING STEEL, MISC.: LOW CARBON CHROMIUM ALLOY REINFORCING STEEL (ASTM A1035 CS GRADE 100)			174284		2/29
511	33418	245	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			245		
511	34446	716	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			716		
511	34450	71	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			71		
511	41012	203	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		203			
511	43512	206	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	206				
512	10050	1903	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	224	557	1122		
515	14110	24	EACH	STRAIGHT STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 2, TYPE WF60-49 (L=60'-7")			24		
515	15110	12	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF60-49 (L=113'-6")			12		
515	20000	55	EACH	INTERMEDIATE DIAPHRAGMS			55		
516	13200	170	SF	1/2" PREFORMED EXPANSION JOINT FILLER	170				
516	13600	170	SF	1" PREFORMED EXPANSION JOINT FILLER	170				
516	13900	104	SF	2" PREFORMED EXPANSION JOINT FILLER	104				
516	14014	236	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	236				
516	44101	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (2.111" X 14" X 11" WITH 1 1/2" X 15" X 12" LOAD PLATE)	24				
516	44301	48	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (4.323" X 24" X 13" WITH 1 1/2" X 40" X 14" LOAD PLATE)		48			
518	21200	199	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	199				
518	40000	263	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	263				
518	40010	24	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	24				
524	95434	12	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK WITH QC/QA		12			
524	95443	828	FT	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK WITH QC/QA, AS PER PLAN		828			2/29
526	25010	542	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")				542	
526	90010	195	FT	TYPE A INSTALLATION				195	
601	20000	1725	SY	CRUSHED AGGREGATE SLOPE PROTECTION				1725	
601	21060	86	SY	TIED CONCRETE BLOCK MAT, TYPE 2				86	
894	10000	2	EACH	THERMAL INTEGRITY PROFILING (TIP) TEST		2			

DESIGN AGENCY
TETRA TECH
420 MADISON AVENUE, SUITE 1001
TOLEDO, OH 43604

REVIEWED DTC DATE 1/13/2022
STRUCTURE FILE NUMBER 4807082
DRAWN TSR REVISED
DESIGNED AJF CHECKED TLR

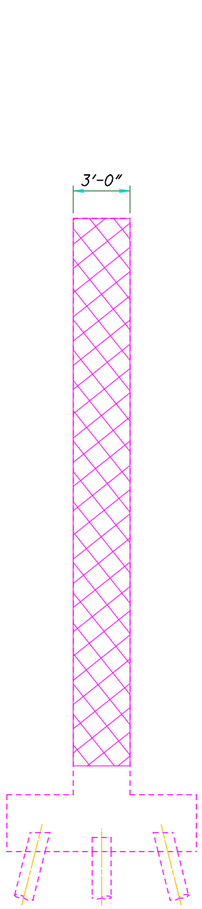
BRIDGE ESTIMATED QUANTITIES
LUC-475-0093L
I-475 OVER MONCLOVA ROAD AND NSRR

LUC-475-0.09
PID No. 99731

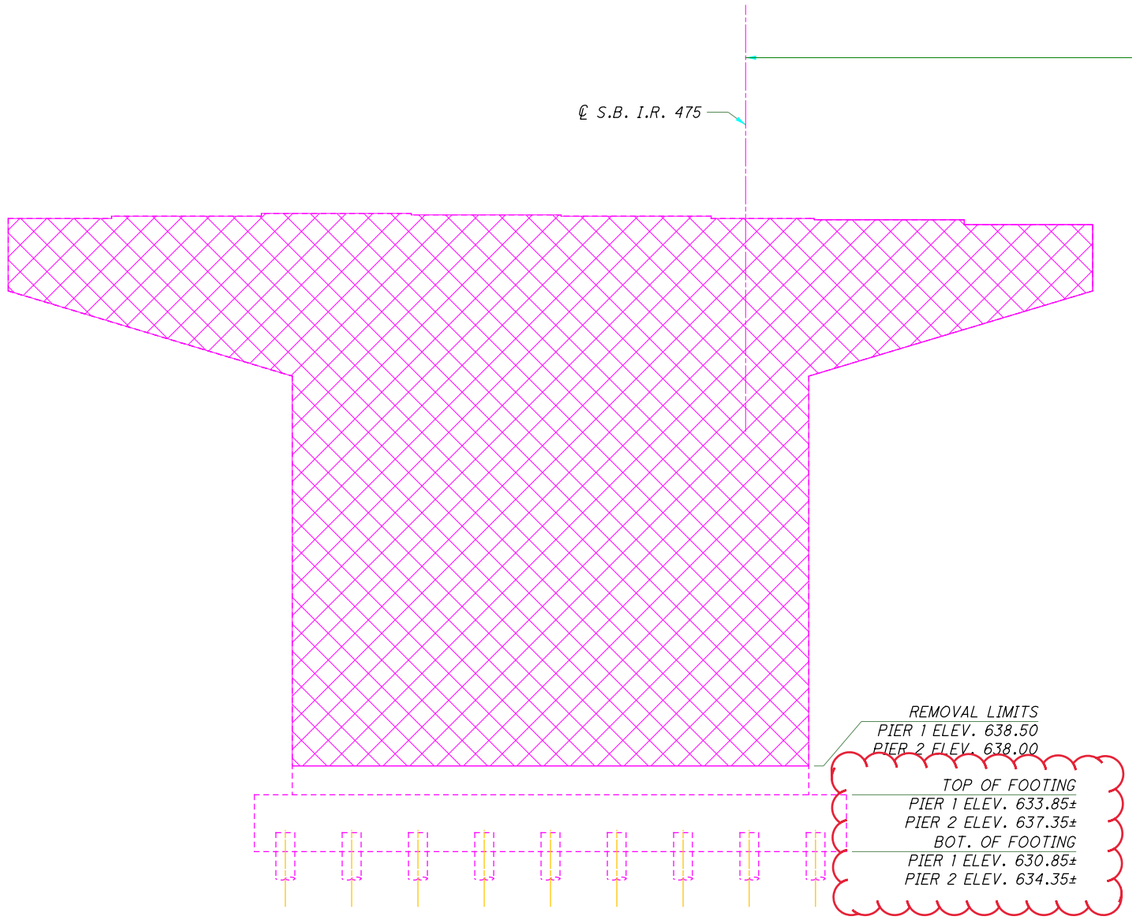
680
855

O:\Projects\Ann Arbor\ER\2914\200-I2914-I400N\CAD\96482_LUC-475-0.93\Design\Structures\LUC475_0093L\Sheets\475_0093L_S000I.dgn Sheet 4/28/2022 1:08:00 PM TRAVIS.RHOADES

0:\Projects\Ann Arbor\ER\2914\200-2914-1400\CAD\96482_LUC-475-0.93\Design\Structures\LUC475_0093L\Sheets\475_0093L_SV002.dgn Sheet 4/15/2022 10:01:03 AM TRAVIS.RHOADES



END ELEVATION



ELEVATION

LEGEND

COMPLETE REMOVAL

SEQUENCE OF CONSTRUCTION:

1) SHIFT TRAFFIC TO THE EXISTING LEFT STRUCTURE VIA CROSSOVER.
2) REMOVE THE EXISTING RIGHT STRUCTURE.
3) CONSTRUCT THE PROPOSED RIGHT STRUCTURE.
4) SHIFT TRAFFIC TO THE PROPOSED RIGHT STRUCTURE VIA CROSSOVER.
5) REMOVE EXISTING WEARING SURFACE, SUPERSTRUCTURE AND APPROACH SLABS.
6) REMOVE EXISTING ABUTMENTS COMPLETELY AND THE EXISTING ABUTMENT PILE FOUNDATIONS TO 1 FOOT BELOW THE PROPOSED GROUND SURFACE.
7) REMOVE EXISTING PIERS TO THE LIMITS SHOWN BELOW. EXISTING FOUNDATIONS TO REMAIN.
8) CONSTRUCT PROPOSED DRILLED SHAFT FOUNDATIONS FOR PIERS, AND DRIVE PROPOSED ABUTMENT PILE FOUNDATIONS.
9) CONSTRUCT PROPOSED SUBSTRUCTURES AND PROPOSED EMBANKMENT SLOPES.
10) CONSTRUCT PROPOSED SUPERSTRUCTURE, APPROACH SLABS, AND PROPOSED ROADWAY APPROACHES.
11) SHIFT SOUTHBOUND TRAFFIC TO PROPOSED LEFT STRUCTURE.

DESIGN AGENCY
TETRA TECH
420 MADISON AVENUE, SUITE 1001
TOLEDO, OH 43604

DESIGNED	DRAWN	REVIEWED	DATE
AJF	TSR	DTC	1/13/2022
CHECKED	REVISED	STRUCTURE FILE NUMBER	
TLR		4807082	

BRIDGE REMOVAL

LUC-475-0093L
I-475 OVER MONCLOVA ROAD AND NSRR

LUC-475-0.09
PID No. 99731

ESTIMATED QUANTITIES (04/IMS/BR)

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	11003	LS	LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					2/26
202	22900	242	SY	APPROACH SLAB REMOVED				242	
202	23500	242	SY	WEARING COURSE REMOVED				242	
503	11100	LS	LS	COFFERDAMS AND EXCAVATION BRACING					
503	21300	LS	LS	UNCLASSIFIED EXCAVATION					
505	11100	LS	LS	PILE DRIVING EQUIPMENT MOBILIZATION					
507	00200	3510	FT	STEEL PILES HP12X53, FURNISHED	3510				
507	00250	3330	FT	STEEL PILES HP12X53, DRIVEN	3330				
507	93300	36	EACH	STEEL POINTS OR SHOES	36				
509	10000	119375	LB	EPOXY COATED REINFORCING STEEL	18258	61882	39235		
509	30020	7449	FT	NO. 4 GFRP DEFORMED BARS			7449		
509	40000	197649	LB	REINFORCING STEEL, MISC.: LOW CARBON CHROMIUM ALLOY REINFORCING STEEL (ASTM A1035 CS GRADE 100)			197649		2/26
511	33418	275	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			275		
511	34446	852	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			852		
511	34450	73	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			73		
511	41012	230	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		230			
511	43512	209	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	209				
512	10050	2915	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	230	623	1156		
515	14110	26	EACH	STRAIGHT STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 2, TYPE WF60-49 (L=60'-7")			26		
515	15110	13	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF60-49 (L=120'-6")			13		
515	20000	60	EACH	INTERMEDIATE DIAPHRAGMS			60		
516	13200	188	SF	1/2" PREFORMED EXPANSION JOINT FILLER	188				
516	13600	188	SF	1" PREFORMED EXPANSION JOINT FILLER	188				
516	13900	106	SF	2" PREFORMED EXPANSION JOINT FILLER	106				
516	14014	259	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	259				
516	44101	26	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (2.111" X 15" X 11" WITH 1 1/2" X 16" X 12" LOAD PLATE)	26				
516	44301	52	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (4.323" X 25" X 13" WITH 1 1/2" X 40" X 14" LOAD PLATE)		52			
518	21200	214	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	214				
518	40000	277	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	277				
518	40010	24	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	24				
524	95434	14	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK WITH QC/QA		14			
524	95443	966	FT	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK WITH QC/QA, AS PER PLAN		966			2/26
526	25010	600	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")				600	
526	90010	216	FT	TYPE A INSTALLATION				216	
601	20000	1847	SY	CRUSHED AGGREGATE SLOPE PROTECTION				1847	
601	21060	64	SY	TIED CONCRETE BLOCK MAT, TYPE 2				64	
894	10000	2	EACH	THERMAL INTEGRITY PROFILING (TIP) TEST		2			

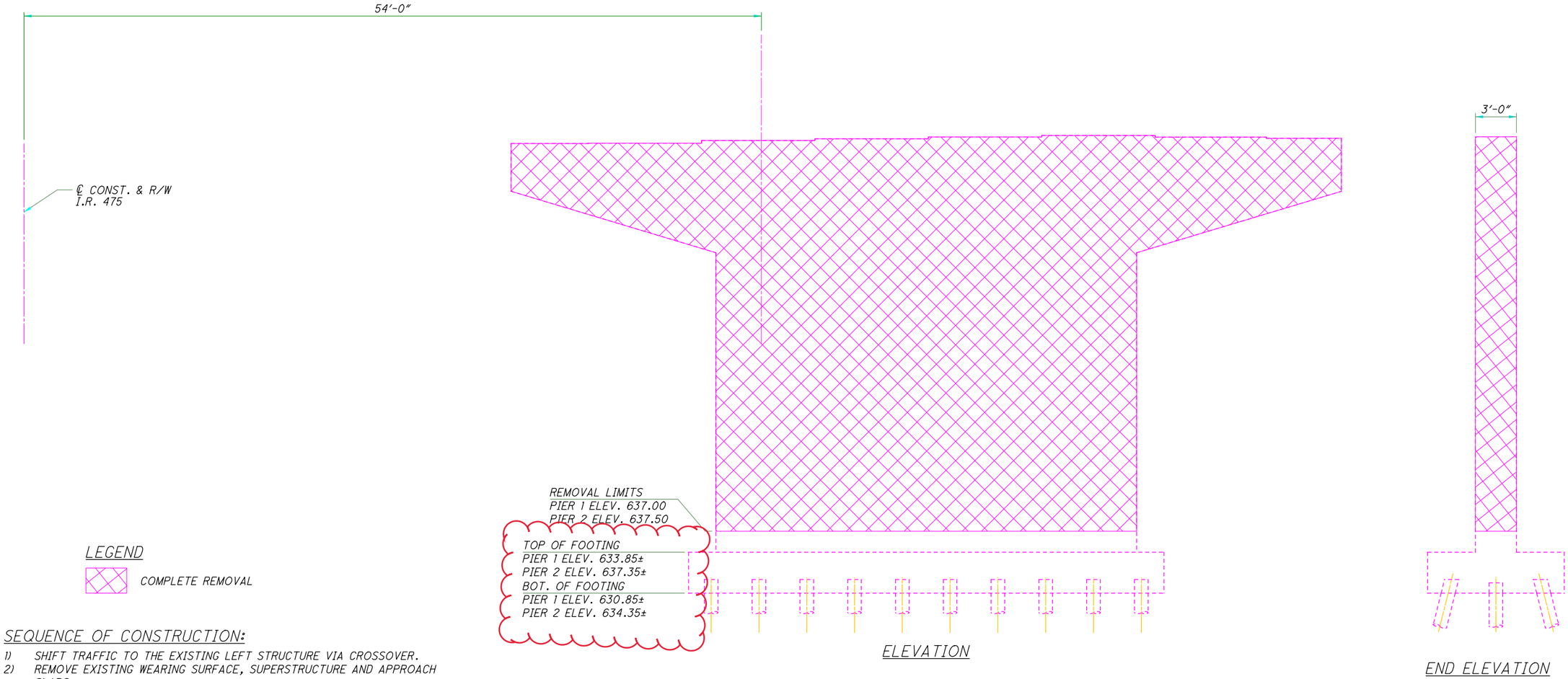
O:\Projects\Ann Arbor\ER\2914\200-I2914-I400I\CAD\96482_LUC-475-0.93\Design\Structures\LUC475_0093R\Sheets\475_0093R_S000I.dgn Sheet 4/28/2022 1:00:47 PM TRAVIS.RHOADES

DESIGN AGENCY
TETRA TECH
420 MADISON AVENUE, SUITE 1001
TOLEDO, OH 43604

DESIGNED	DRAWN	REVIEWED	DATE
AJF	TSR	DTC	1/13/2022
CHECKED	REVISED	STRUCTURE FILE NUMBER	
TLR		48071112	

BRIDGE ESTIMATED QUANTITIES
LUC-475-0093R
I-475 OVER MONCLOVA ROAD AND NSRR

LUC-475-0.09
PID No. 99731



ELEVATION

END ELEVATION

LEGEND

COMPLETE REMOVAL

SEQUENCE OF CONSTRUCTION:

1) SHIFT TRAFFIC TO THE EXISTING LEFT STRUCTURE VIA CROSSOVER.
2) REMOVE EXISTING WEARING SURFACE, SUPERSTRUCTURE AND APPROACH SLABS.
3) REMOVE EXISTING ABUTMENTS COMPLETELY AND THE EXISTING ABUTMENT PILE FOUNDATIONS TO 1 FOOT BELOW THE PROPOSED GROUND SURFACE.
4) REMOVE EXISTING PIERS TO THE LIMITS SHOWN BELOW. EXISTING FOUNDATIONS TO REMAIN.
5) CONSTRUCT PROPOSED DRILLED SHAFT FOUNDATIONS FOR PIERS, AND DRIVE PROPOSED ABUTMENT PILE FOUNDATIONS.
6) CONSTRUCT PROPOSED SUBSTRUCTURES AND PROPOSED EMBANKMENT SLOPES.
7) CONSTRUCT PROPOSED SUPERSTRUCTURE, APPROACH SLABS, AND PROPOSED ROADWAY APPROACHES.
8) SHIFT TRAFFIC TO THE PROPOSED RIGHT STRUCTURE VIA CROSSOVER.
9) REMOVE THE EXISTING LEFT STRUCTURE.
10) CONSTRUCT THE PROPOSED LEFT STRUCTURE.
11) SHIFT SOUTHBOUND TRAFFIC TO PROPOSED LEFT STRUCTURE.

0:\Projects\Ann Arbor\VER\2914\200-2914-I400\CAD\96482_LUC-475-0.93\Design\Structures\LUC475_0093R\Sheets\475_0093R_SV002.dgn Sheet 4/15/2022 9:54:03 AM TRAVIS.RHOADES

DESIGN AGENCY
TETRA TECH
420 MADISON AVENUE, SUITE 1001
TOLEDO, OH 43604

DESIGNED	DRAWN	REVIEWED	DATE
AJF	TSR	DTC	1/13/2022
CHECKED	REVISED	STRUCTURE FILE NUMBER	
TLR		4807112	

BRIDGE REMOVAL
LUC-475-0093R
I-475 OVER MONCLOVA ROAD AND NSRR

LUC-475-0.09
PID No. 99731