

OFFICE CALCS	SHEET NUM.										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	4	5	25	35	77						01/S>2/11							
	LS										LS		201	11000	LS		ROADWAY	
1,097											1,097		202	23000	1,097	SY	CLEARING AND GRUBBING	
			531								531		202	32000	531	FT	PAVEMENT REMOVED	
			55								55		202	35100	55	FT	CURB REMOVED	
			438								438		202	38000	438	FT	PIPE REMOVED, 24" AND UNDER	
																	GUARDRAIL REMOVED	
			2								2		202	58100	2	EACH	CATCH BASIN REMOVED	
			40	13							53		203	10000	53	CY	EXCAVATION	
			2,144								2,144		203	20001	2,144	CY	EMBANKMENT, AS PER PLAN	5
1,172				59							1,231		204	10000	1,231	SY	SUBGRADE COMPACTION	
											1,022		204	13000	1,022	CY	EXCAVATION OF SUBGRADE	
											1,022		204	30010	1,022	CY	GRANULAR MATERIAL, TYPE B	
	1										1		204	45000	1	HOUR	PROOF ROLLING	
											1,133		204	50000	1,133	SY	GEOTEXTILE FABRIC	
											262.5		606	15050	262.5	FT	GUARDRAIL, TYPE MGS	
											50		606	15400	50	FT	MGS GUARDRAIL, TYPE 8	
											1		606	17500	1	EACH	POST END ANCHOR (OR CONCRETE BLOCK END ANCHOR)	
											1		606	26050	1	EACH	ANCHOR ASSEMBLY, MGS TYPE B	
											2		606	26550	2	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											2		606	35002	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
											2		606	35102	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
					5						5		623	40520	5	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
											1		SPECIAL	69050100	1	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	4
		LS									LS		SPECIAL	69098400	LS		MISC: PRECONSTRUCTION VIDEO TAPING	5
		LS									LS		SPECIAL	69098400	LS		SURVEY CONTROL VERIFICATION	5
																	EROSION CONTROL	
											5		601	21050	5	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
											481		601	32005	481	CY	ROCK CHANNEL PROTECTION, TYPE A WITH GEOTEXTILE FABRIC, AS PER PLAN	4
											2		601	32205	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC, AS PER PLAN	4
											2		659	00100	2	EACH	SOIL ANALYSIS TEST	
											143		659	00300	143	CY	TOPSOIL	
											1,286		659	10000	1,286	SY	SEEDING AND MULCHING	
											64		659	14000	64	SY	REPAIR SEEDING AND MULCHING	
											64		659	15000	64	SY	INTER-SEEDING	
											0.29		659	20000	0.29	TON	COMMERCIAL FERTILIZER	
											0.27		659	31000	0.27	ACRE	LIME	
											10		659	35000	10	MGAL	WATER	
											7,006		832	30000	7,006	EACH	EROSION CONTROL	
																	DRAINAGE	
											0.4		602	20000	0.4	CY	CONCRETE MASONRY	
											247		605	12210	247	FT	6" DEEP PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
											50		605	13410	50	FT	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
											143		605	14020	143	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
											60		611	00510	60	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
											25		611	01500	25	FT	6" CONDUIT, TYPE F	
											98		611	04400	98	FT	12" CONDUIT, TYPE B	
											128		611	04600	128	FT	12" CONDUIT, TYPE C	
											4		611	98150	4	EACH	CATCH BASIN, NO. 3	
											2		611	99574	2	EACH	MANHOLE, NO. 3	
											1		611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE	
											2		611	99710	2	EACH	PRECAST REINFORCED CONCRETE OUTLET	
											500		SPECIAL	61199820	500	LB	MISCELLANEOUS METAL	5
																	PAVEMENT	
											78		252	01500	78	FT	FULL DEPTH PAVEMENT SAWING	
											242		301	56000	242	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
											212		304	20000	212	CY	AGGREGATE BASE	
											120		407	10000	120	GAL	TACK COAT	
											38		441	70000	38	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
											53		441	70300	53	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
											1		441	70500	1	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
											488		609	26000	488	FT	CURB, TYPE 6	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
MJT

REVIEWER
MVJ 09-02-22

PROJECT ID
89230

SHEET TOTAL
23 88

LAK-306-4.33

MODEL: Sheet_PAPER: 17x11 (in.) DATE: 8/4/2023 TIME: 8:42:54 AM USER: mthomas
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REF. NO.	SHEET NO.	STATION		SIDE	202	202	202	202	601	601	602	605	605	606	606	606	606	606	606	609	611	611	611	611	611	611	626	638	SPEC.	UNDERDRAIN BENDS		
		FROM	TO		CURB REMOVED	GUARDRAIL REMOVED	PIPE REMOVED, 24" AND UNDER	CATCH BASIN REMOVED	ROCK CHANNEL PROTECTION, TYPE A WITH GEOTEXTILE FABRIC, AS PER PLAN	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC, AS PER PLAN	CONCRETE MASONRY	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	6" DEEP PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	GUARDRAIL, TYPE MGS	MGS GUARDRAIL, TYPE 8	ANCHOR ASSEMBLY, MGS TYPE B	ANCHOR ASSEMBLY, MGS TYPE T	POST END ANCHOR (OR CONCRETE BLOCK END ANCHOR)	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	CURB, TYPE 6	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	12" CONDUIT, TYPE B	12" CONDUIT, TYPE C	CATCH BASIN, NO. 3	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL)	VALVE BOX ADJUSTED TO GRADE	MAILBOX SUPPORT SYSTEM, SINGLE	6" X 45° BEND	6" PLUG
		FT	FT		FT	EACH	CY	CY	CY	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
C-1	26	226+90.48	228+45.20	LT															154.77													
C-2	26	226+90.48	228+33.68	RT															143.20													
C-3	26 - 27	229+79.75	230+80.42	RT															100.68													
C-4	26 - 27	229+91.27	230+80.42	LT															89.29													
D-1	26	228+21.30	228+30.04	LT/RT																	43.0											
D-2	26	228+30.04	228+30.04	LT																		5.0										
D-3	26	228+30.04	228+88.42	LT						0.21												61.0										
D-4	26 - 27	229+54.57	230+05.87	LT						0.21												52.0										
D-5	27	230+05.87	230+05.87	LT																		10.0										
D-6	27	230+05.87	230+05.87	LT/RT																		41.0										
GR-1	26	227+57.9	228+34.6	RT												50.00																
GR-2	26	228+16.7	228+49.1	LT																												
GR-3	26 - 27	229+74.2	231+29.3	RT												25.00																
GR-4	26 - 27	229+88.8	231+43.5	LT												137.50																
MB-1	26	228+15.95		LT																												
MH-1	26	226+99.11		LT																												
R-1	26	226+90.48	228+51.22	LT	161.29																											
R-2	26	226+90.48	228+40.68	RT	150.20																											
R-3	26	227+39.31	228+44.70	RT		105.44																										
R-4	26	228+04.60	228+16.13	LT/RT			40.53	2																								
R-5	26	228+14.85	228+54.86	LT		40.12																										
R-6	26 - 27	229+62.84	231+13.72	RT		150.92																										
R-7	26 - 27	229+65.58	230+80.42	RT		115.25																										
R-8	26 - 27	229+73.08	231+10.68	LT		141.83																										
R-9	26 - 27	229+75.90	230+80.42	LT		104.57																										
RCP-1	26	228+53.60	228+97.01	LT/RT					210.69																							
RCP-2	26	228+88.42	228+93.24	LT						1.11																						
RCP-3	26	229+49.60	229+54.57	LT						1.11																						
RCP-4	26	229+08.56	229+98.82	LT/RT					270.16																							
T-1	26	228+16.13	228+30.04	LT			14.00															14.00										
UD-1	26	226+90.48	228+30.04	LT																												
UD-2	26	226+90.48	228+21.30	RT																												
*UD-3	27	230+05.87	230+80.42	LT																												
*UD-4	27	230+05.87	230+80.42	RT																												
UD-5	26 - 27	229+91.27	230+05.87	LT																												
UD-6	26 - 27	229+79.75	230+05.87	RT																												
WV-1	27	230+70.90		RT																												
SUBTOTALS					531.31	438.31	54.53	2	480.85	2.22	0.42	143.31	247.34	262.50	50.00	1	2	1	2	2	487.94	60.00	98.00	128.00	4	2	1	12	1	1		
TOTALS CARRIED TO GENERAL SUMMARY					531	438	55	2	481	2	0.4	143	247	262.5	50	1	2	1	2	2	488	60	98	128	4	2	1	12	1	1		

SHEET NO.	203	203	204	204	204	659
	EXCAVATION	EMBANKMENT, AS PER PLAN	EXCAVATION OF SUBGRADE	GRANULAR MATERIAL, TYPE B	GEOTEXTILE FABRIC	SEEDING AND MULCHING
29	18	1	53	53	58	20
30	71	19	269	269	297	100
31	62	1453	700	700	778	581
32	134	641				519
33	25	30				125
SUBTOTALS	310	2144	1022	1022	1133	1345
DEDUCT FOR DRIVEWAYS	-13					-59
DEDUCT FOR PAVEMENT REMOVED	-257					
SUBTOTALS	40	2144	1022	1022	1133	1286
TOTAL CARRIED TO SHEET NO. 4						1286
TOTAL CARRIED TO GENERAL SUMMARY	40	2144	1022	1022	1133	

*UNDERDRAIN TO TIE INTO EXISTING UNDERDRAIN AT BUTT JOINT STA. 230+80.42

SUBSUMMARY

DESIGN AGENCY



DESIGNER

MJT

REVIEWER

MVJ 09-02-22

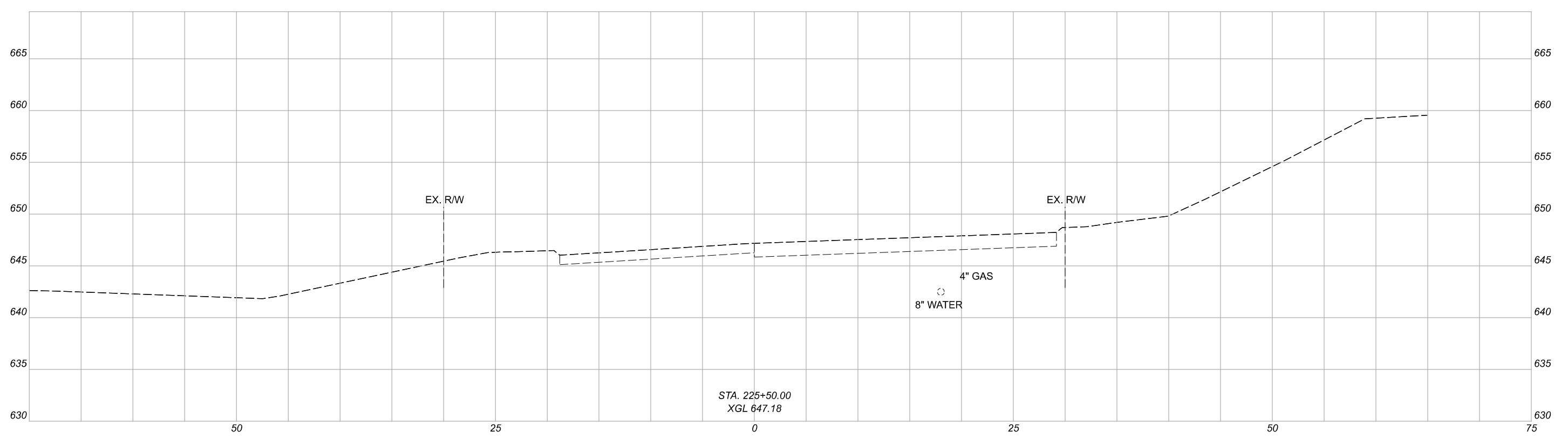
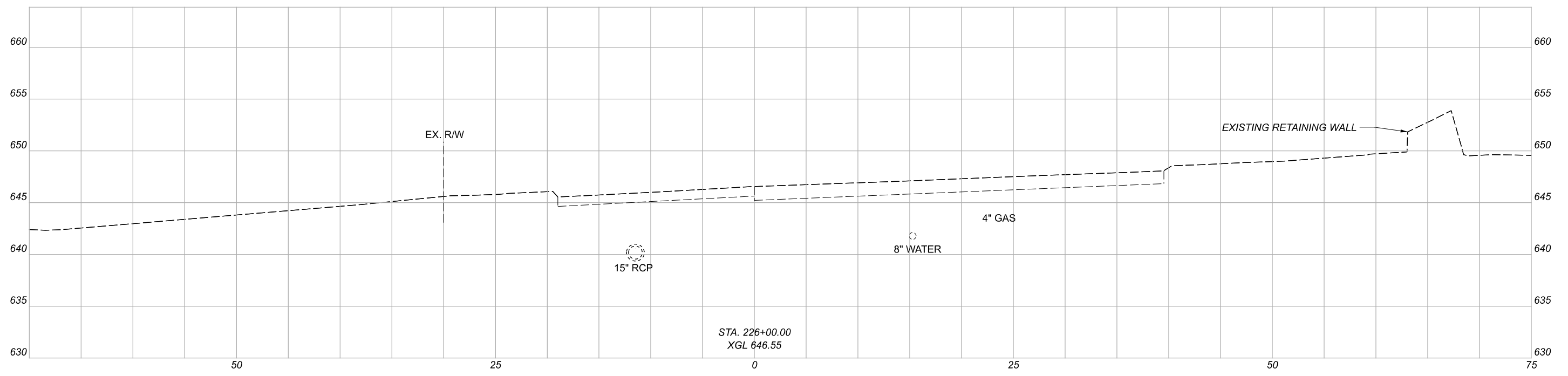
PROJECT ID

89230

SHEET TOTAL

25 88

NOTE: PAVEMENT REMOVAL QUANTITIES HAVE BEEN REMOVED FROM THE EXCAVATION QUANTITY ON THE EARTHWORK SUBSUMMARY ON SHEET 25



CROSS SECTIONS
STA. 225+50 TO STA. 226+00

LAK-306-4.33

MODEL: 225+50.00 [Sheet] PAPER SIZE: 34x22 (in.) DATE: 8/4/2023 TIME: 8:43:19 AM USER: mthomas
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DESIGN AGENCY



DESIGNER
MJT

REVIEWER
MVJ 09-02-22

PROJECT ID
89230

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
0	0	0	28	88