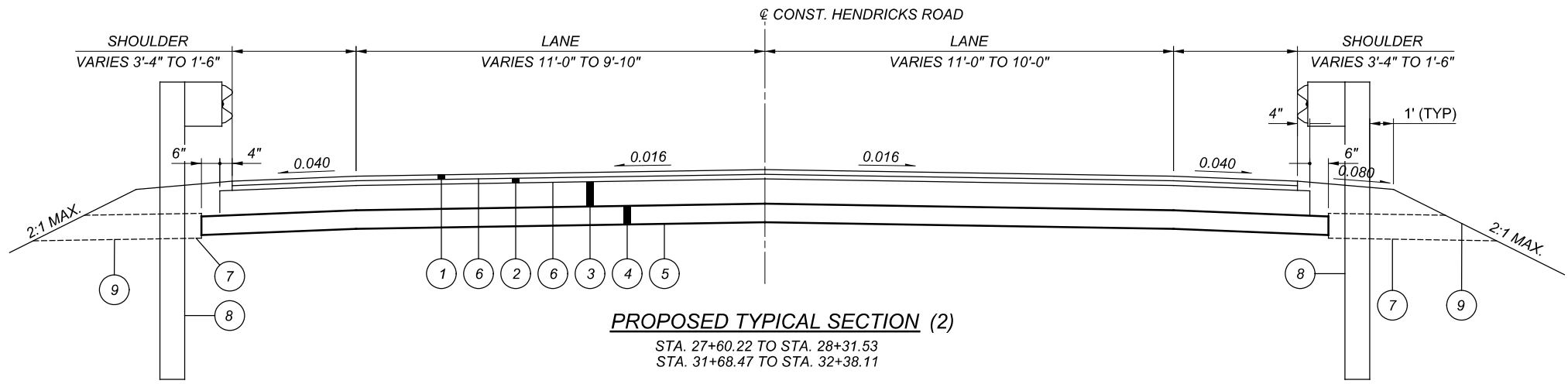
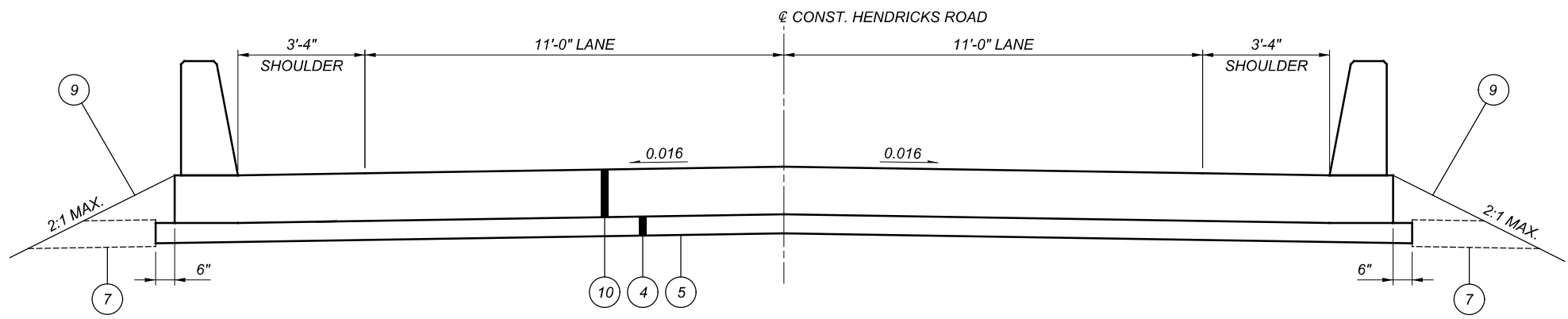


EXISTING TYPICAL SECTION (1)
 STA. 27+60.22 TO STA. 28+31.53
 STA. 31+68.47 TO STA. 32+38.11



PROPOSED TYPICAL SECTION (2)
 STA. 27+60.22 TO STA. 28+31.53
 STA. 31+68.47 TO STA. 32+38.11



PROPOSED APPROACH SLAB TYPICAL SECTION (3)
 STA. 28+33.87 TO STA. 28+58.87
 STA. 31+41.13 TO STA. 31+66.13

LEGEND

- (A) 9 3/4"± ASPHALT CONCRETE
- (B) 6"± AGGREGATE BASE
- (C) STONE UNDERDRAIN
- (1) ITEM 441 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22M
- (2) ITEM 441 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)
- (3) ITEM 301 - 8" ASPHALT CONCRETE BASE, PG64-22 (449)
- (4) ITEM 304 - 6" AGGREGATE BASE
- (5) ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING
- (6) ITEM 407 - TACK COAT
- (7) ITEM 605 - AGGREGATE DRAINS (8" THICK X 12" WIDE)
- (8) ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS
- (9) ITEM 659 - SEEDING AND MULCHING
- (10) ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=15")

LAK-2-11.41

DESIGN AGENCY



DESIGNER
AJK

REVIEWER
JMZ 09/24/21


PROJECT ID
105777

SHEET TOTAL
P.2 | 50

LAK-2-11.41

SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
P.3	P.4	P.5		P.9	P.10	P.11	P.12		P.24		OFFICE CALCS	01/BRO/BR	EXT	TOTAL					
													LS	201	11000	LS		ROADWAY	
				447									447	202	23001	447	SY	CLEARING AND GRUBBING	
				591									591	202	38000	591	FT	PAVEMENT REMOVED, AS PER PLAN	P.3
				80									80	202	75000	80	FT	GUARDRAIL REMOVED	
																		FENCE REMOVED	
													1,810	203	10000	1,810	CY	EXCAVATION	
													1,927	203	20000	1,927	CY	EMBANKMENT	
						408							408	204	10000	408	SY	SUBGRADE COMPACTION	
						0.2							0.2	204	45000	0.2	HOUR	PROOF ROLLING	
				175									175	606	15050	175	FT	GUARDRAIL, TYPE MGS	
				250									250	606	15100	250	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
				1									1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
				4									4	606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
				1									1	606	35102	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
				80									80	607	23000	80	FT	FENCE, TYPE CLT	
				1									1	607	61200	1	EACH	GATE, TYPE CLT	
																		EROSION CONTROL	
2													2	659	00100	2	EACH	SOIL ANALYSIS TEST	
170													170	659	00300	170	CY	TOPSOIL	
													1,535	659	10000	1,535	SY	SEEDING AND MULCHING	
77													77	659	14000	77	SY	REPAIR SEEDING AND MULCHING	
77													77	659	15000	77	SY	INTER-SEEDING	
0.22													0.22	659	20000	0.22	TON	COMMERCIAL FERTILIZER	
0.32													0.32	659	31000	0.32	ACRE	LIME	
8													8	659	35000	8	MGAL	WATER	
													LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
											15,000	15,000	832	832	30000	15,000	EACH	EROSION CONTROL	
																		DRAINAGE	
					143								143	601	21060	143	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
					29								29	605	31100	29	FT	AGGREGATE DRAINS	
																		PAVEMENT	
						91							91	301	56000	91	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
						68							68	304	20000	68	CY	AGGREGATE BASE	
						45							45	407	10000	45	GAL	TACK COAT	
						17							17	441	50000	17	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
						17							17	441	50200	17	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
						80							80	609	24510	80	FT	CURB, TYPE 4-C	
																		TRAFFIC CONTROL	
							10						10	626	00102	10	EACH	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	
							14						14	626	00110	14	EACH	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL)	
							28						28	630	02100	28	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
							8						8	630	80100	8	SF	SIGN, FLAT SHEET	
							4						4	630	84900	4	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
							4						4	630	86002	4	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
							0.18						0.18	646	10000	0.18	MILE	EDGE LINE, 4"	
							0.09						0.09	646	10200	0.09	MILE	CENTER LINE	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 CJK
 REVIEWER
 JMZ 09/24/21
 PROJECT ID
 105777
 SHEET TOTAL
 P.7 50

LAK-2-11.41

REF. NO.	SHEET NO.	STATION		SIDE	202		202		606		606		606		607		607		
		FROM	TO		PAVEMENT REMOVED, AS PER PLAN SY	GUARDRAIL REMOVED FT	FENCE REMOVED FT	GUARDRAIL, TYPE MGS FT	GUARDRAIL, TYPE MGS WITH LONG POSTS FT	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 EA	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 EA	ANCHOR ASSEMBLY, MGS TYPE T EA	FENCE, TYPE CLT FT	GATE, TYPE CLT EACH					
R-1	P.12	STA. 27+48.94	STA. 28+38.34	RT		91													
R-2	P.12	STA. 27+54.76	STA. 28+56.65	LT		117													
R-3	P.12	STA. 28+99.94	STA. 29+46.59	LT/RT		88													
R-4	P.12	STA. 28+70.87	STA. 28+81.02	LT			20												
R-5	P.12	STA. 28+42.72	STA. 28+52.95	RT			20												
R-6	P.12	STA. 27+60.22	STA. 28+34.45	LT/RT	194														
R-7	P.13	STA. 31+61.80	STA. 32+38.69	LT		91													
R-8	P.13	STA. 31+65.68	STA. 32+38.11	LT/RT	253														
R-9	P.13	STA. 30+47.93	STA. 30+93.19	LT/RT		88													
R-10	P.13	STA. 31+43.48	STA. 32+45.37	RT		117													
R-11	P.13	STA. 31+18.35	STA. 31+29.13	RT			20												
R-12	P.13	STA. 31+47.05	STA. 31+58.22	LT			20												
G-1	P.12	STA. 27+48.94	STA. 28+11.44	RT						50	1								
G-2	P.12	STA. 27+54.76	STA. 28+29.76	LT						75	1								
G-3	P.12	STA. 28+99.94	STA. 29+46.59	LT/RT				87.5			1								
G-4	P.13	STA. 30+47.93	STA. 30+93.19	LT/RT				87.5				1							
G-5	P.13	STA. 31+70.37	STA. 32+45.37	RT					75	1									
G-6	P.13	STA. 31+88.69	STA. 32+38.69	LT					50	1									
F-1	P.12	STA. 28+70.87	STA. 28+81.02	LT											20				
F-2	P.12	STA. 28+42.72	STA. 28+52.95	RT											20				
F-3	P.13	STA. 31+18.35	STA. 31+29.13	RT											20	1			
F-4	P.13	STA. 31+47.05	STA. 31+58.22	LT											20				
TOTALS CARRIED TO GENERAL SUMMARY						447	591		80		175	250	4	1	1		80	1	

ROADWAY SUBSUMMARY

DESIGN AGENCY
Pennoni

DESIGNER
CJK

REVIEWER
JMZ 09/24/21


PROJECT ID
105777

SHEET TOTAL
P.9 | 50

LAK-2-11.41

STATION TO STATION		SIDE	LENGTH L	AVERAGE WIDTH W	SURFACE AREA A A = L x W	CADD AREAS	204	204	301	304	407	441	441	609
							SUBGRADE COMPACTION SY	PROOF ROLLING HR	ASPHALT CONCRETE BASE, PG64-22, (449) CY	AGGREGATE BASE CY	TACK COAT (0.055 GAL/SY) GAL	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) CY	CURB, TYPE 4C FT
STA. 27+60.22	STA. 28+31.53	LT/RT	71	26.17	1860.54	207	0.10	46	34	23	9	9		
STA. 31+65.68	STA. 32+38.11	LT/RT	72	26.08	1807.55	201	0.10	45	34	22	8	8		
STA. 28+18.34	STA. 28+38.34	RT												20
STA. 28+36.65	STA. 28+56.65	LT												20
STA. 31+63.48	STA. 31+43.48	LT												20
STA. 31+81.80	STA. 31+61.80	RT												20
TOTALS CARRIED TO GENERAL SUMMARY						408	0.20	91	68	45	17	17		80

PAVEMENT CALCULATION / SUBSUMMARY

DESIGN AGENCY

 DESIGNER
 CJK
 REVIEWER
 JMZ 09/24/21
 PROJECT ID
 105777
 SHEET TOTAL
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