

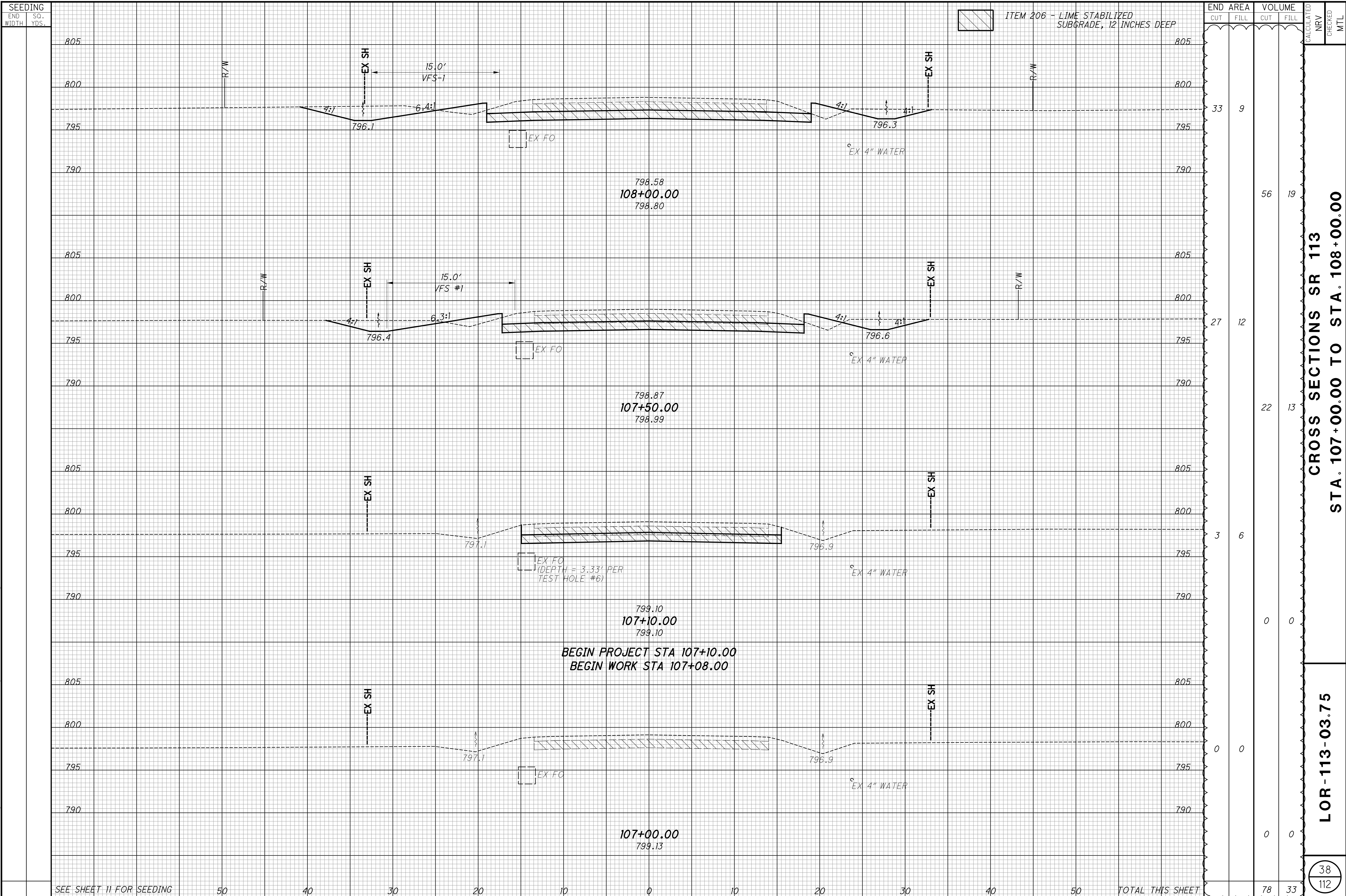
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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	11	21	22	23	24	50	54	58	60	95	01/SAF/PV	EXT	TOTAL				
ROADWAY																	
LS											LS	201	11000	LS		CLEARING AND GRUBBING	
		1									1	202	20010	1	EACH	HEADWALL REMOVED	
					8,001						8,001	202	23000	8,001	SY	PAVEMENT REMOVED	
		30									30	202	30000	30	SF	WALK REMOVED	
		237									237	202	32500	237	FT	CURB AND GUTTER REMOVED	
		1,030									1,030	202	35100	1,030	FT	PIPE REMOVED, 24" AND UNDER	
		605									605	202	38000	605	FT	GUARDRAIL REMOVED	
		1									1	202	58000	1	EACH	MANHOLE REMOVED	
		7									7	202	58200	7	EACH	INLET REMOVED	
		30									30	202	75000	30	FT	FENCE REMOVED	
											3,746	203	10000	3,746	CY	EXCAVATION	
											6,511	203	20000	6,511	CY	EMBANKMENT	
					2,686		499				3,185	204	10000	3,185	SY	SUBGRADE COMPACTION	
					4						4	204	45000	4	HOUR	PROOF ROLLING	
					5,803						5,803	206	10010	5,803	SY	LIME STABILIZED SUBGRADE, 12 INCHES DEEP	
					4,201						4,201	206	10020	4,201	SY	LIME STABILIZED SUBGRADE, 14 INCHES DEEP	
					265						265	206	10300	265	TON	LIME	
					10,004						10,004	206	11000	10,004	SY	CURING COAT	
		271									271	606	15050	271	FT	GUARDRAIL, TYPE MGS	
		1									1	606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016)	
		1									1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
		30									30	607	15100	30	FT	FENCE, TYPE 47RA	
										3	3	623	38500	3	EACH	MONUMENT ASSEMBLY	
		14									14	625	31510	14	EACH	PULL BOX REMOVED	
		1									1	632	90100	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	
																13	
		2									2	SPECIAL	69050100	2	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	
		2									2	SPECIAL	69050350	2	EACH	MAILBOX REMOVED AND RESET	
																12	
																12	
EROSION CONTROL																	
				14							14	601	21050	14	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
											84	601	32100	84	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	
								2			2	601	32200	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
		29	1								30	601	32204	30	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
		2									2	659	00100	2	EACH	SOIL ANALYSIS TEST	
		2,353									2,353	659	00300	2,353	CY	TOPSOIL	
		21,200									21,200	659	10000	21,200	SY	SEEDING AND MULCHING	
		1,060									1,060	659	14000	1,060	SY	REPAIR SEEDING AND MULCHING	
		1,060									1,060	659	15000	1,060	SY	INTER-SEEDING	
		2.96									2.96	659	20000	2.96	TON	COMMERCIAL FERTILIZER	
		4.38									4.38	659	31000	4.38	ACRE	LIME	
		117									117	659	35000	117	MGAL	WATER	
		48									48	659	40000	48	MSF	MOWING	
										4,280	4,280	670	00500	4,280	SY	SLOPE EROSION PROTECTION	
LS											LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
LS											LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
LS											LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
15,000											15,000	832	30000	15,000	EACH	EROSION CONTROL	

CALCULATED
 NRV
 CHECKED
 MTL
GENERAL SUMMARY
LOR-113-03.75
 17
 112

STATION TO STATION	SIDE	MATERIAL	CAD MEASURED AREAS	202	204			206			301	304	407	442		452	609
				PAVEMENT REMOVED (CONCRETE)	SUBGRADE COMPACTION	PROOF ROLLING	LIME STABILIZED SUBGRADE, 12 INCHES DEEP	LIME STABILIZED SUBGRADE, 14 INCHES DEEP	LIME	CURING COAT	6" ASPHALT CONCRETE BASE, PG64-22	6" AGGREGATE BASE	NON-TRACKING TACK COAT (0.055 GAL/SY)	1.25" ASPHALT CONCRETE SURFACE COURSE, 9.5MM, TYPE A (446)	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446)	NON-REINFORCED CONCRETE PAVEMENT MISC. 8" TRUCK APRON STAINED	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TOOLED AND STAINED
			SQ FT	SQ YD	SQ YD	HR	SQ YD	SQ YD	TON	SQ YD	CU YD	CU YD	GAL	CU YD	CU YD	SQ YD	SQ YD
SPLITTER ISLAND - WEST LEG	LT/RT	CONCRETE	3201		356							59					356
SPLITTER ISLAND - NORTH LEG	LT/RT	CONCRETE	2130		237							39					237
SPLITTER ISLAND - EAST LEG	LT/RT	CONCRETE	3200		356							59					356
SPLITTER ISLAND - SOUTH LEG	LT/RT	CONCRETE	2089		232							39					232
TRUCK APRON	LT/RT	CONCRETE	3205													356	
STEP (SUBGRADE)			3631		403	0.1						67					
ROUNDAABOUT	LT/RT	ASPHALT	9919		1102	0.4					184	184	121	38	54		
SR 113																	
STA 107+10.00 TO STA 113+27.65	LT/RT	ASPHALT	23550										288	91	127		
STEP (LEVEL 3)			23772								367						
STEP (LEVEL 4)			24112									447					
STEP (SUBGRADE)			27551			1.0	3061		76	3061							
EXISTING PAVEMENT AREA	LT/RT		19907	2212													
SR 113																	
STA 114+78.84 TO STA 120+90.39	LT/RT	ASPHALT	20097										246	78	109		
STEP (LEVEL 3)			20269								313						
STEP (LEVEL 4)			20601									382					
STEP (SUBGRADE)			24680			0.9	2742		68	2742							
EXISTING PAVEMENT AREA	LT/RT		18702	2078													
CR 51																	
STA 208+26.54 TO STA 212+78.24	LT/RT	ASPHALT	15748										192	61	85		
STEP (LEVEL 3)			15906								245						
STEP (LEVEL 4)			16147									299					
STEP (SUBGRADE)			18862			0.7	2096		61	2096							
EXISTING PAVEMENT AREA	LT/RT		17830	1981													
CR 51																	
STA 214+32.38 TO STA 218+85.00	LT/RT	ASPHALT	15574										190	60	84		
STEP (LEVEL 3)			15595								241						
STEP (LEVEL 4)			15579									289					
STEP (SUBGRADE)			18946			0.7	2105		61	2105							
EXISTING PAVEMENT AREA	LT/RT		15568	1730													
TOTAL CARRIED TO GENERAL SUMMARY				8001	2686	4	5803	4201	265	10004	1350	1864	1037	328	459	356	1180

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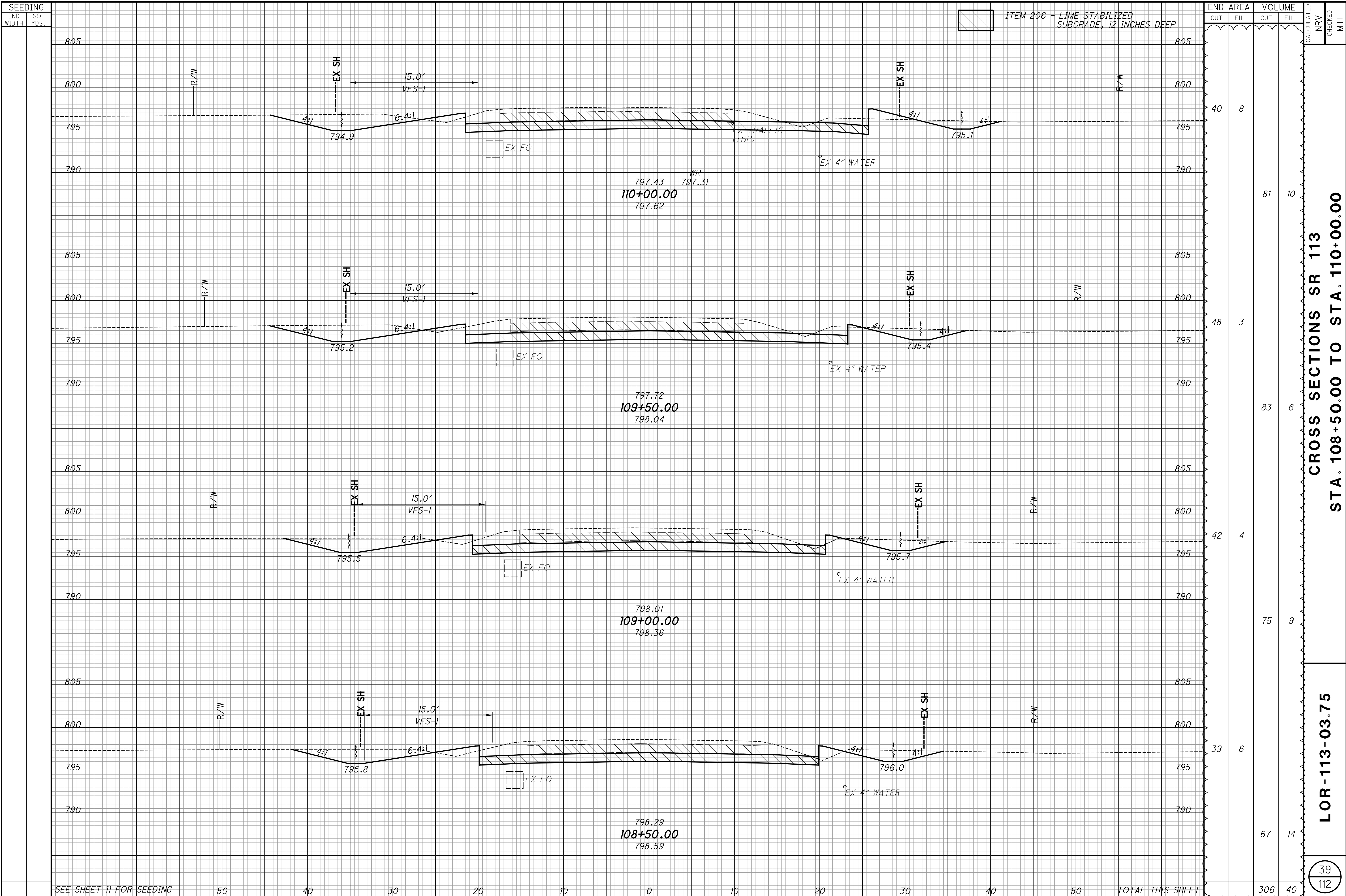
END AREA	VOLUME	CALCULATED	NRV	CHECKED	MTL
33	9				
27	12				
3	6				
0	0				
0	0				
0	0				
78	33				

CROSS SECTIONS SR 113
STA. 107+00.00 TO STA. 108+00.00

LOR-113-03.75

SEE SHEET 11 FOR SEEDING

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/ ITEM 206 - LIME STABILIZED
 SUBGRADE, 12 INCHES DEEP

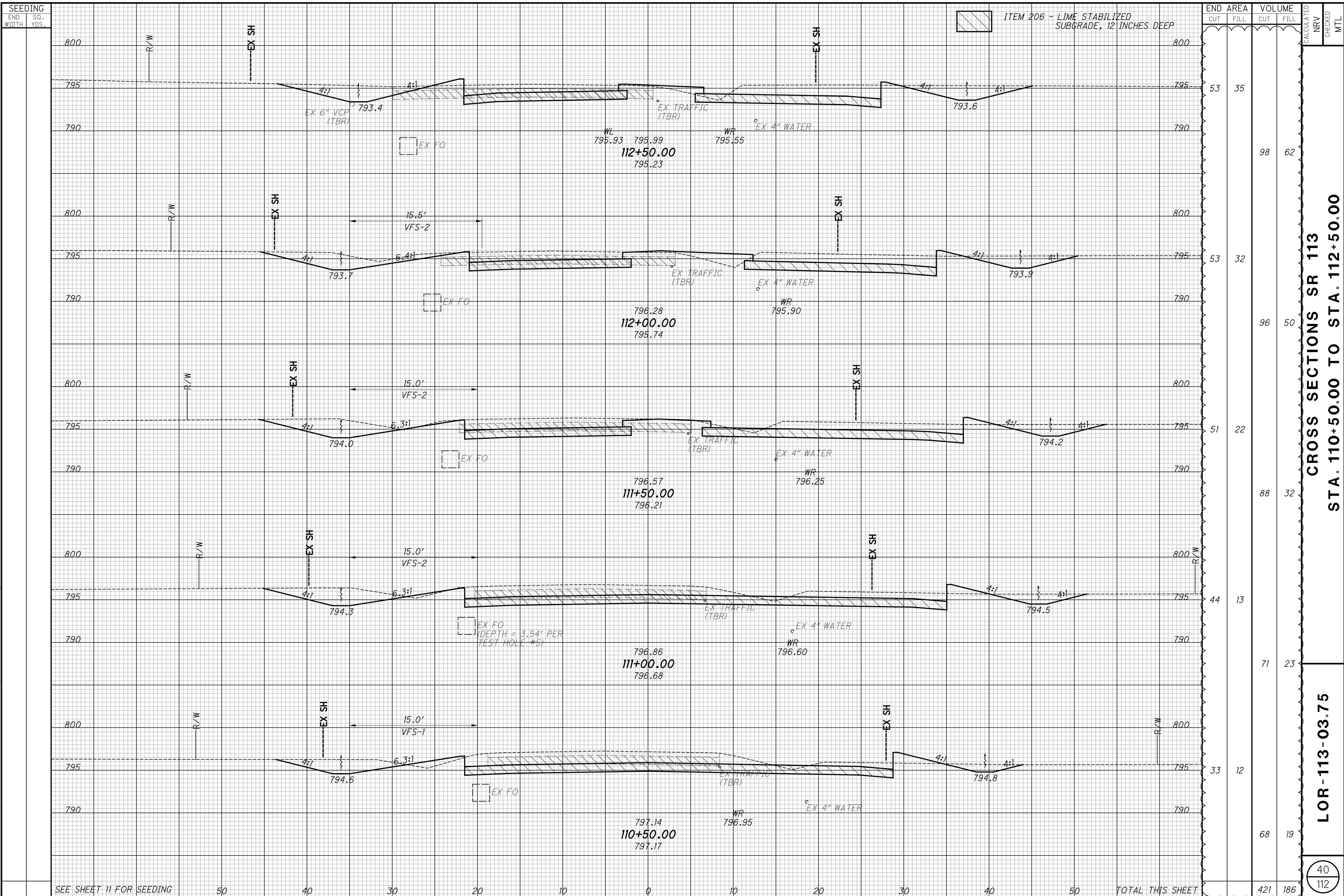
END AREA	VOLUME	CALCULATED	NRY	CHECKED	MTL
40	8				
48	3				
42	4				
39	6				
TOTAL THIS SHEET	21	306	40		

CROSS SECTIONS SR 113
STA. 108+50.00 TO STA. 110+00.00

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CROSS SECTIONS SR 113
STA. 110+50.00 TO STA. 112+50.00

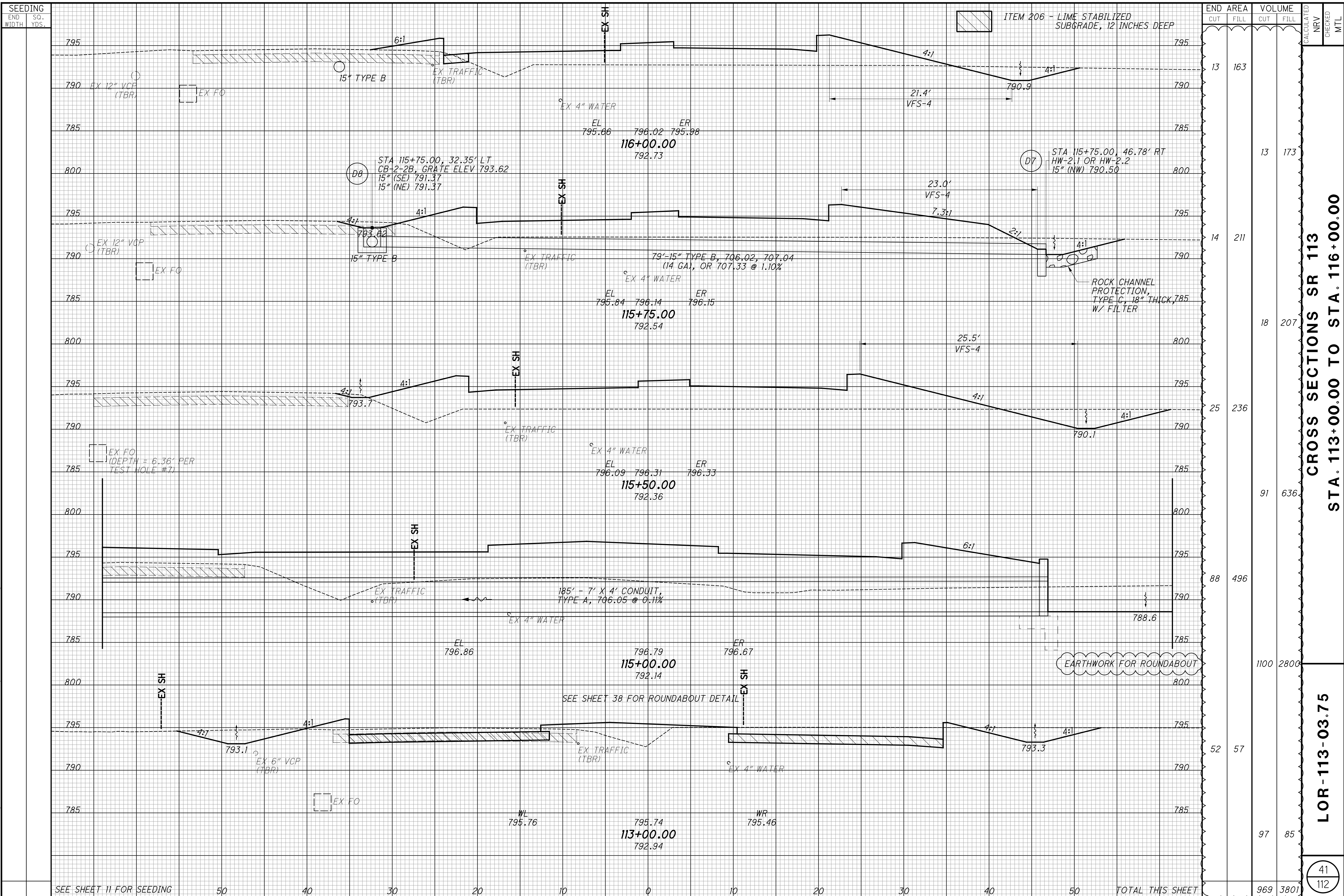
LOR-113-03.75

40
 112

SEE SHEET 11 FOR SEEDING

TOTAL THIS SHEET

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CROSS SECTIONS SR 113
STA. 113+00.00 TO STA. 116+00.00

LOR-113-03.75

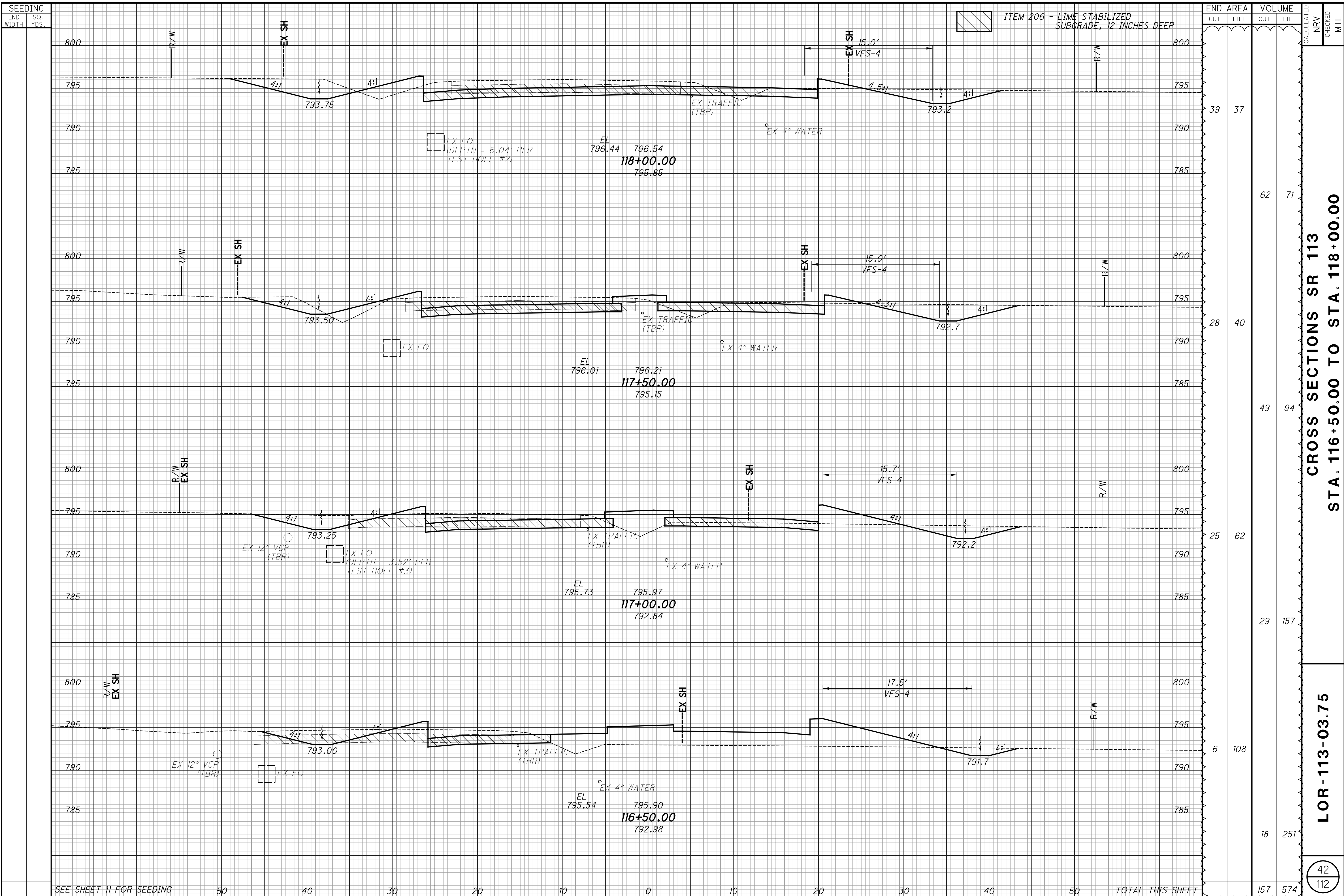
END AREA	VOLUME		CALCULATED	NRV	CHECKED	MTL
	CUT	FILL				
13	163					
13		173				
14	211					
18		207				
25	236					
91		636				
88	496					
1100		2800				
52	57					
97		85				
TOTAL THIS SHEET	969	3801				

41
112

SEE SHEET 11 FOR SEEDING

TOTAL THIS SHEET

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SEE SHEET 11 FOR SEEDING

50 40 30 20 10 0 10 20 30 40 50 TOTAL THIS SHEET

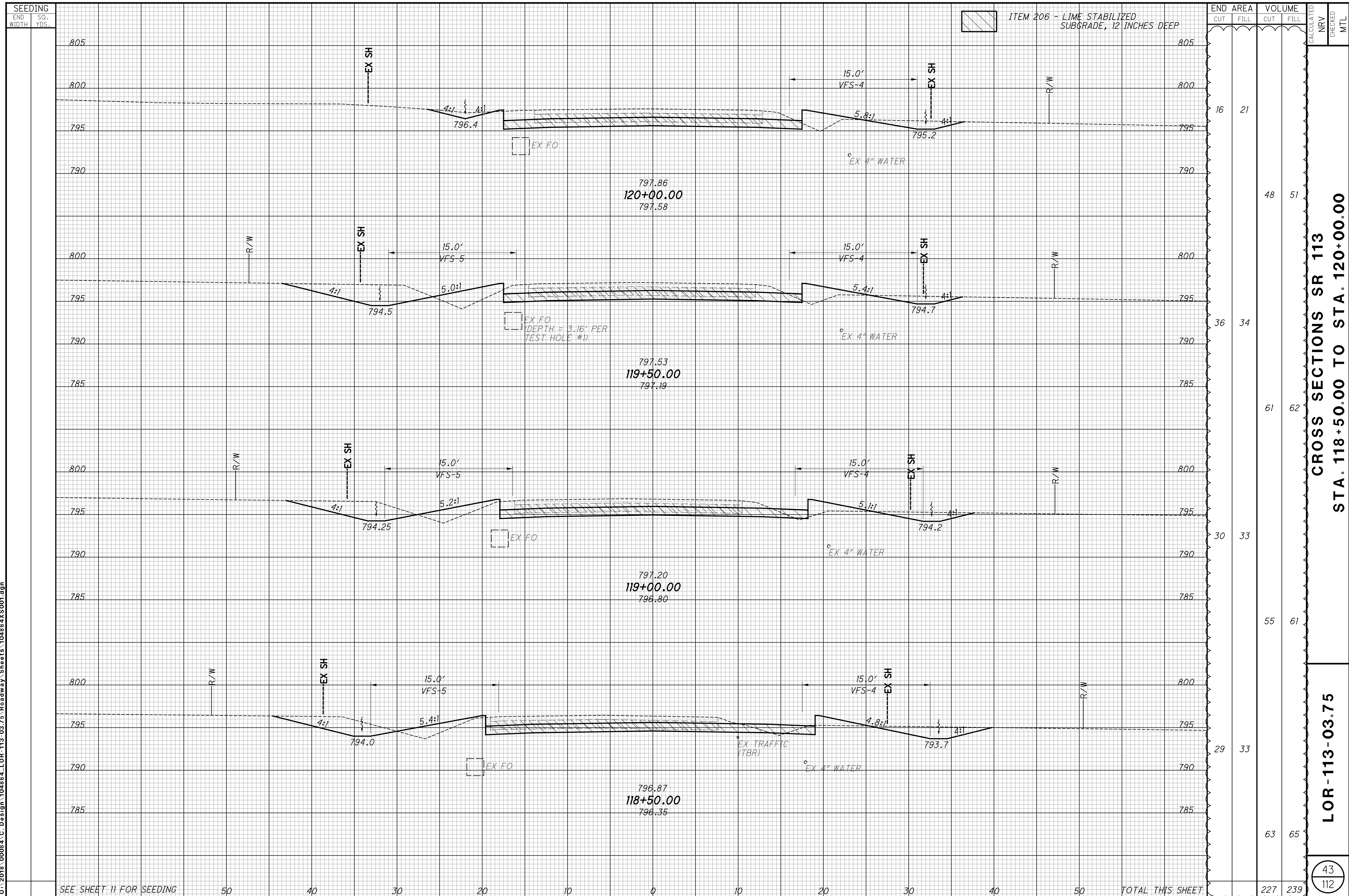
END AREA	VOLUME		CALCULATED	CHECKED	MTL
	CUT	FILL			
39	37				
62	71				
28	40				
49	94				
25	62				
29	157				
6	108				
18	251				
157	574				

CROSS SECTIONS SR 113
STA. 116+50.00 TO STA. 118+00.00

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 ITEM 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP

END AREA	VOLUME	CALCULATED		CHECKED	MTL
		CUT	FILL		
16	21				
48	51				
36	34				
30	33				
29	33				
TOTAL THIS SHEET		227	239		

CROSS SECTIONS SR 113
STA. 118+50.00 TO STA. 120+00.00

LOR-113-03.75

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112

SEE SHEET 11 FOR SEEDING

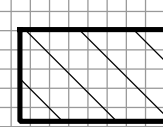
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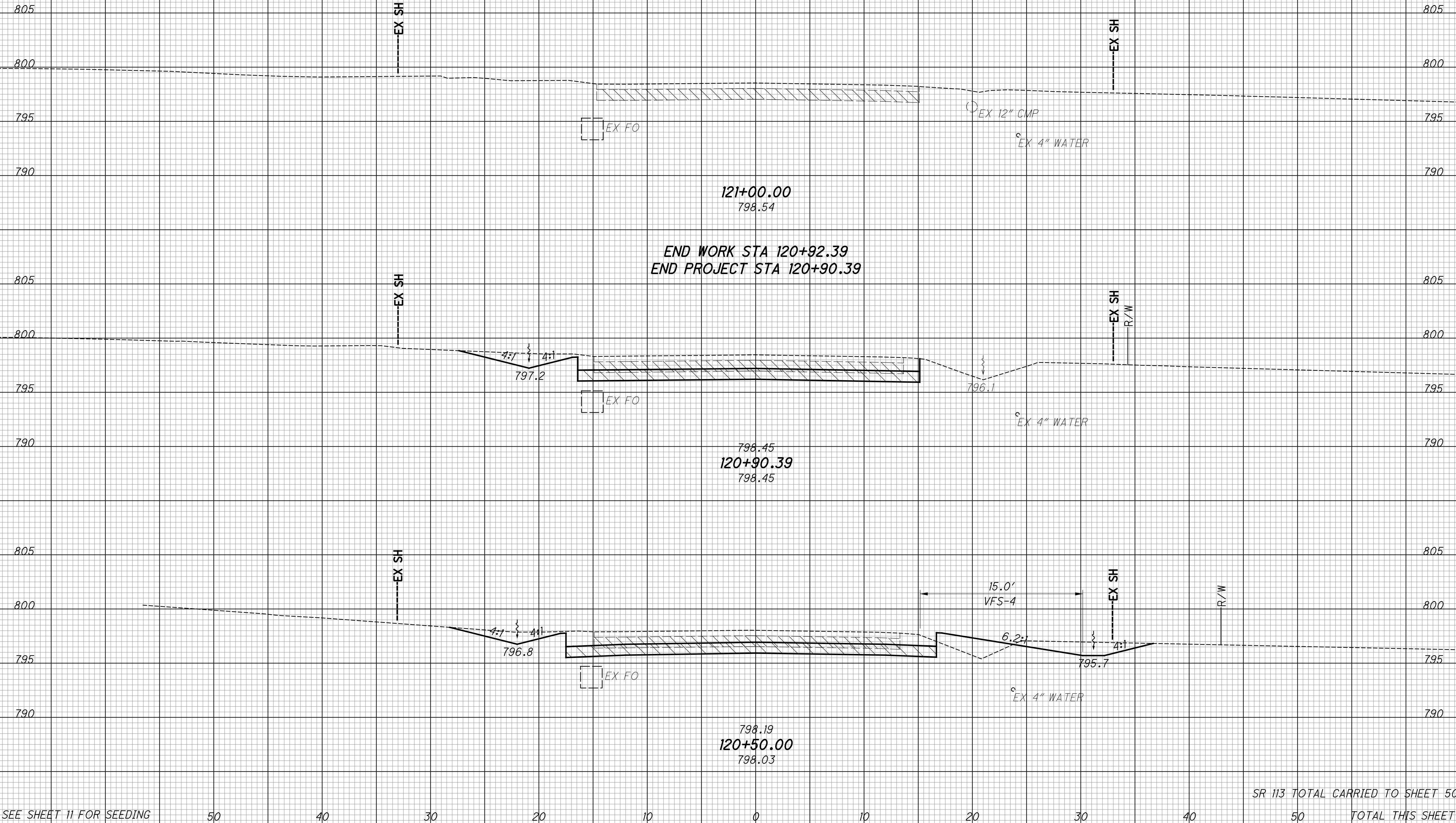
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SEEDING

END WIDTH	SO. YDS.
50	
40	
30	
20	
10	
0	
10	
20	
30	
40	
50	


 ITEM 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP

END AREA		VOLUME		CALCULATED	NRY	CHECKED	MTL
CUT	FILL	CUT	FILL				
0	0	0	0				
12	7	26	19				
23	19	36	37				
		2221	4930				
		62	56				



SEE SHEET 11 FOR SEEDING

SR 113 TOTAL CARRIED TO SHEET 50

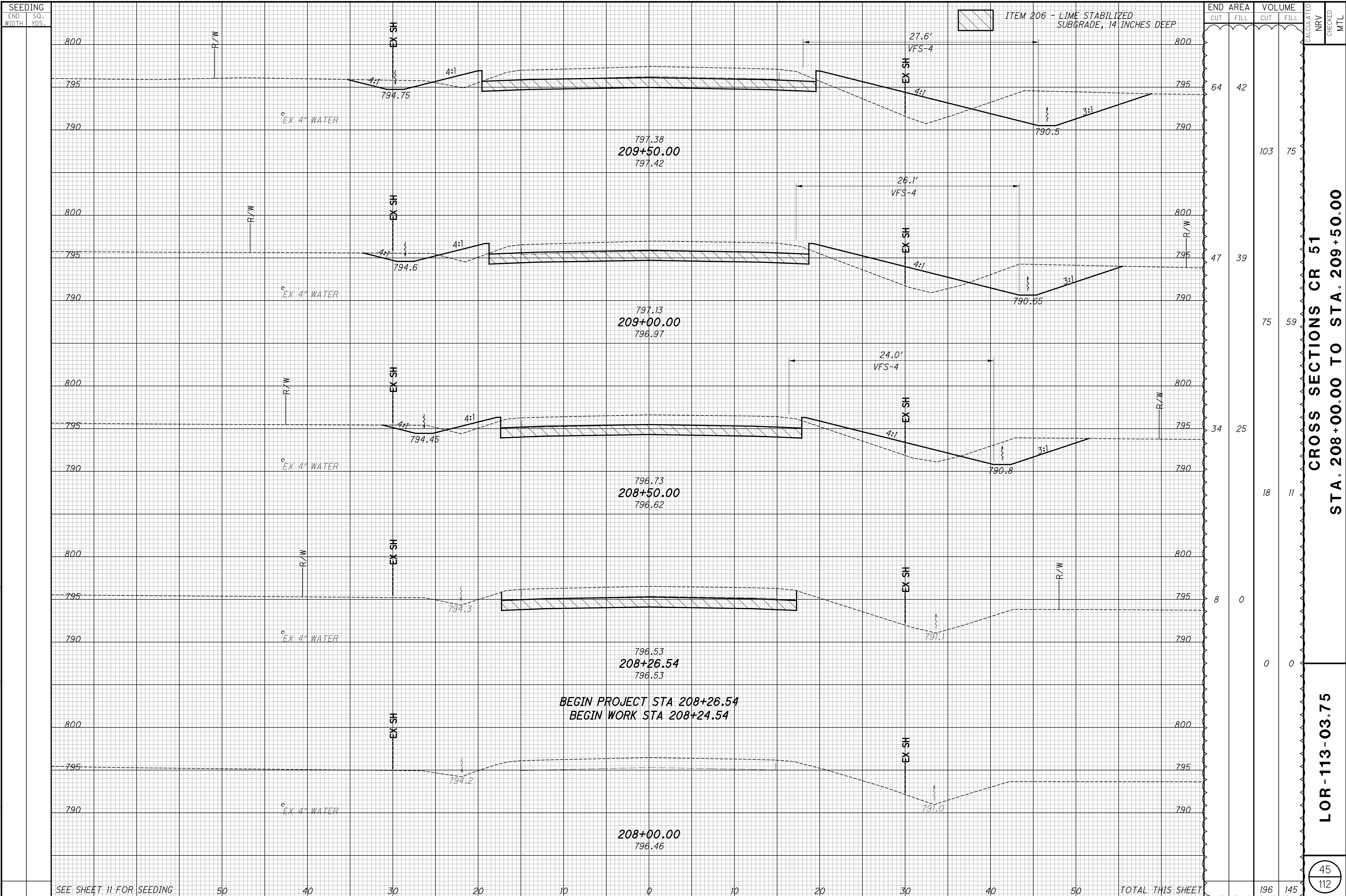
TOTAL THIS SHEET

CROSS SECTIONS SR 113
 STA. 120+50.00 TO STA. 121+00.00

LOR-113-03.75

44
112

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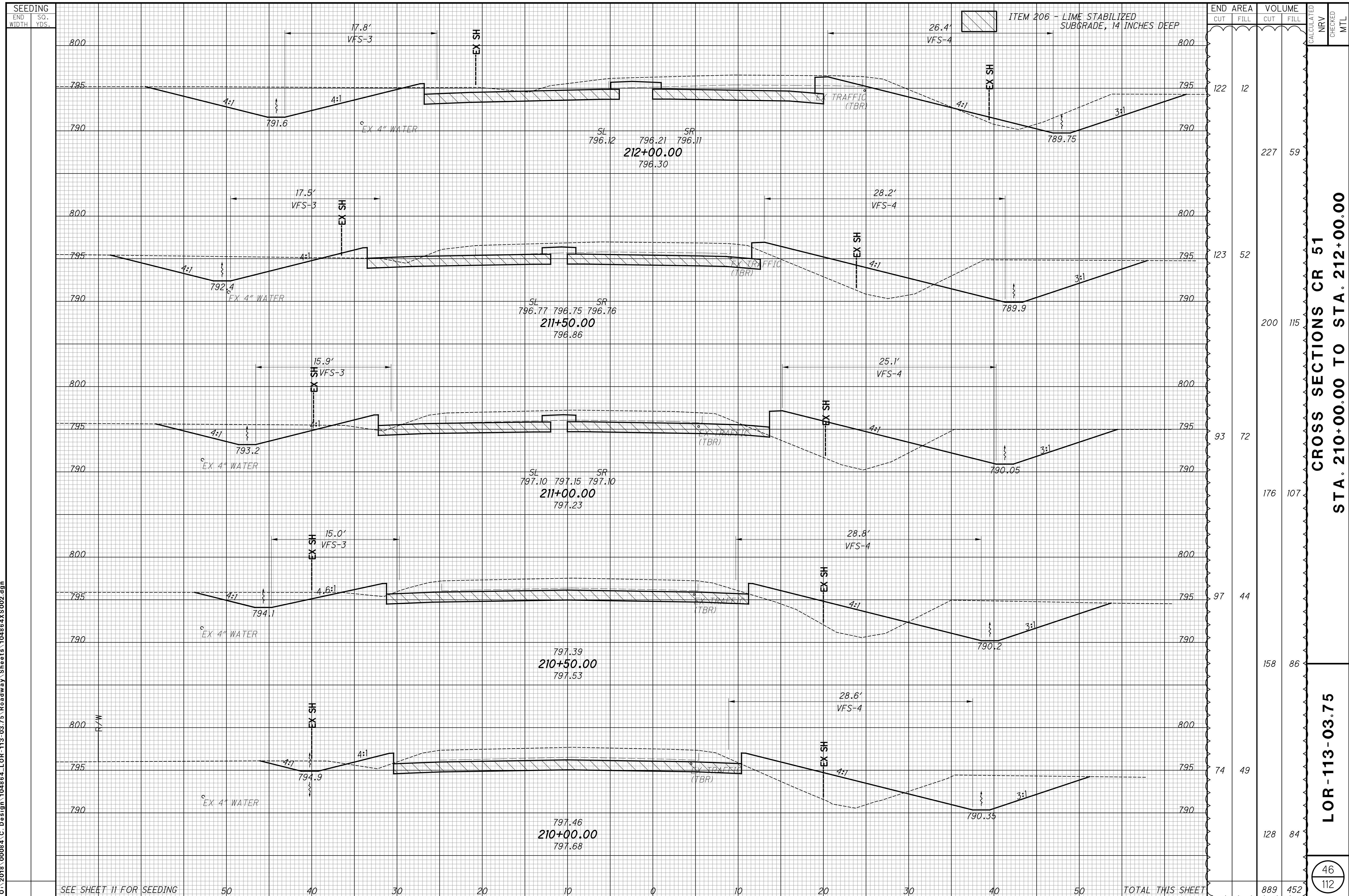
CROSS SECTIONS CR 51
STA. 208+00.00 TO STA. 209+50.00

LOR-113-03.75

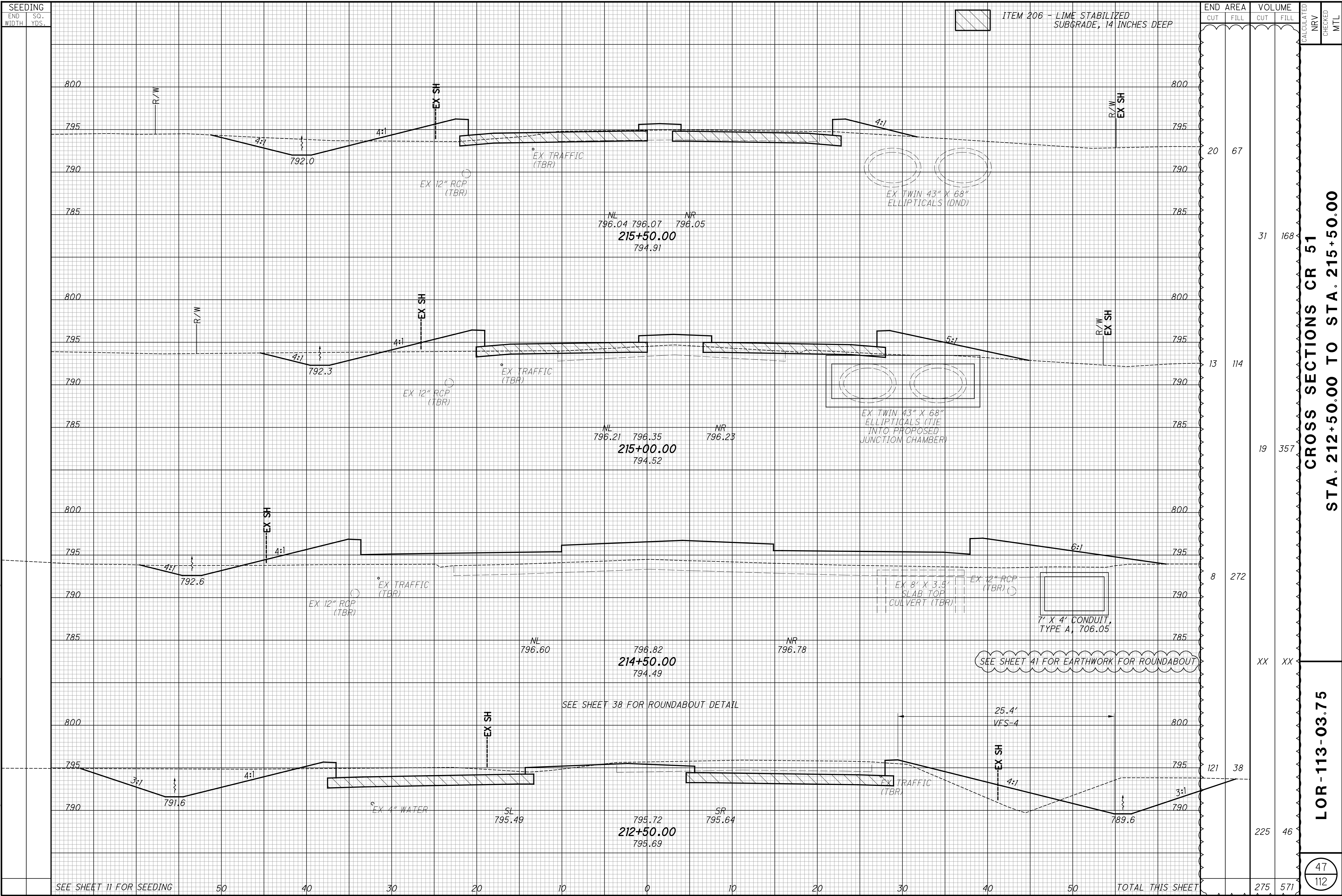
45
 112

SEE SHEET 11 FOR SEEDING 50 40 30 20 10 0 10 20 30 40 50 TOTAL THIS SHEET

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/ ITEM 206 - LIME STABILIZED
 SUBGRADE, 14 INCHES DEEP

END AREA	VOLUME	CALCULATED	CHECKED	MTL
20	67			
31	168			
13	114			
19	357			
8	272			
XX	XX			
121	38			
225	46			
275	571			

CROSS SECTIONS CR 51
STA. 212+50.00 TO STA. 215+50.00

LOR-113-03.75

47
 112

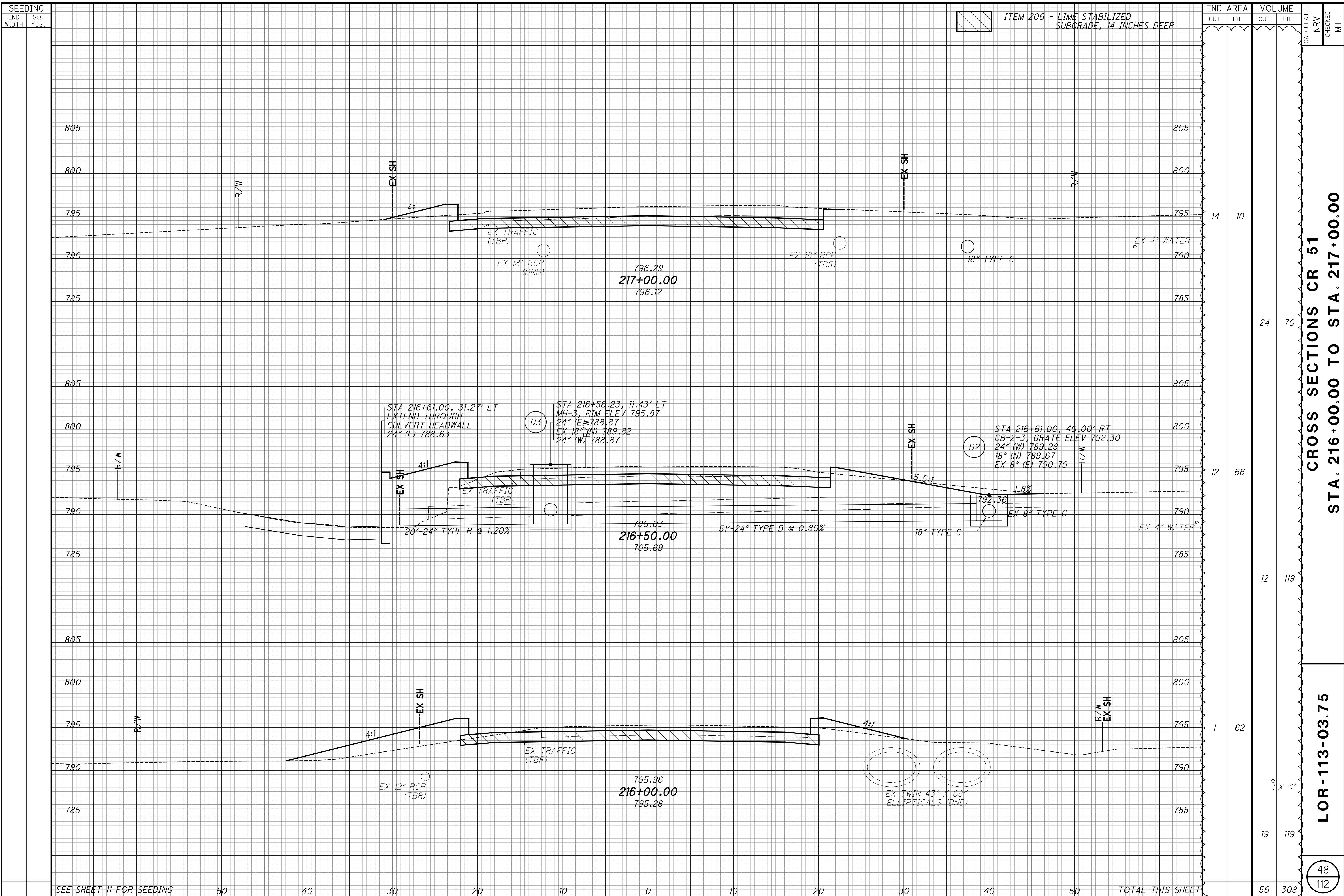
SEE SHEET 11 FOR SEEDING

TOTAL THIS SHEET

SEE SHEET 38 FOR ROUNDABOUT DETAIL

SEE SHEET 41 FOR EARTHWORK FOR ROUNDABOUT

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/ ITEM 206 - LIME STABILIZED
 SUBGRADE, 14 INCHES DEEP

SEEDING		END AREA		VOLUME		CALCULATED	
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL	NRV	MTL
		14	10				
		12	66				
		12	119				
		1	62				
		19	119				
				56	308		

CROSS SECTIONS CR 51
STA. 216+00.00 TO STA. 217+00.00

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48
112

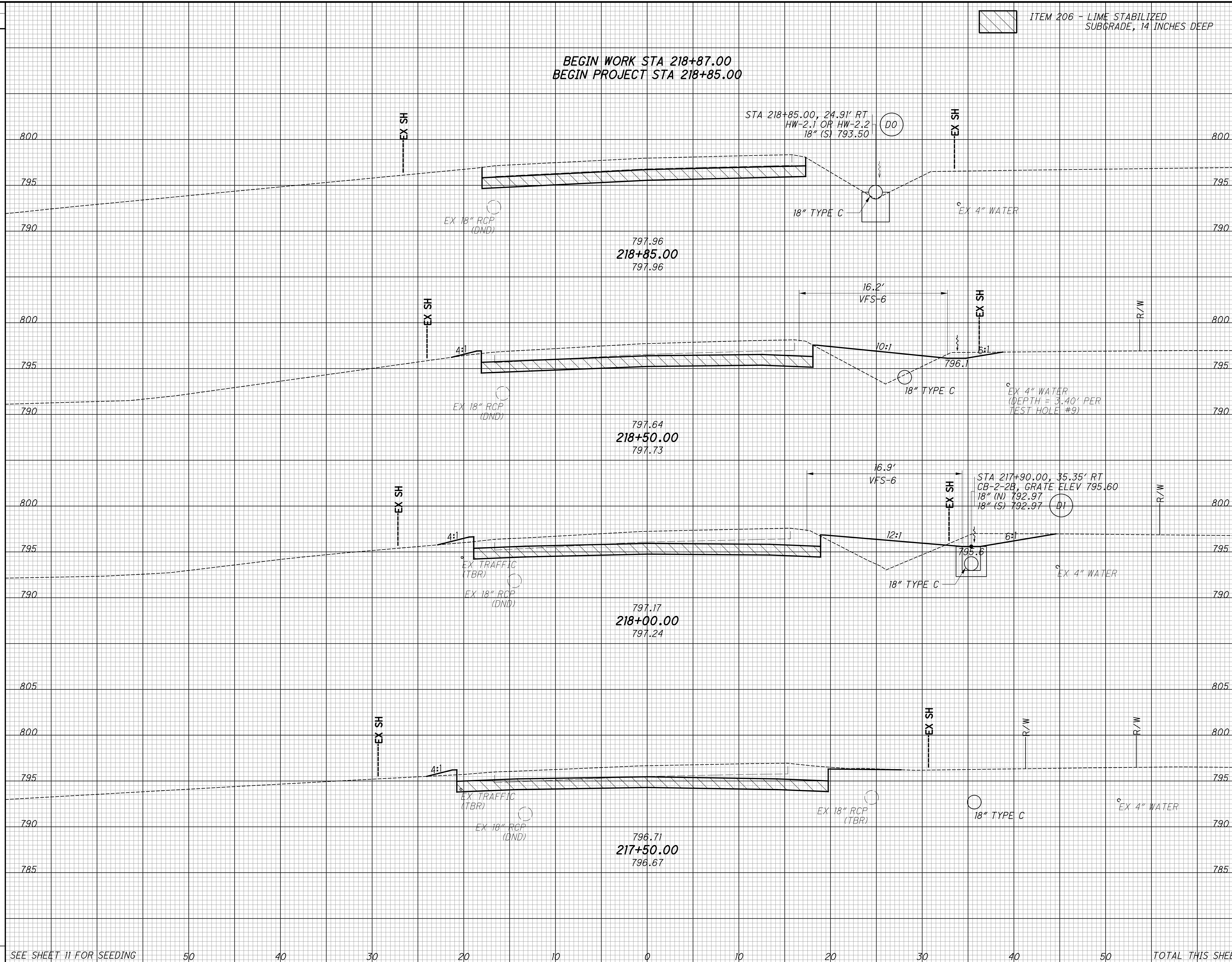
SEE SHEET 11 FOR SEEDING

TOTAL THIS SHEET

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SEEDING

END WIDTH	SO. YDS.
50	
40	
30	
20	
10	
0	
10	
20	
30	
40	
50	
TOTAL THIS SHEET	



BEGIN WORK STA 218+87.00
 BEGIN PROJECT STA 218+85.00

ITEM 206 - LIME STABILIZED SUBGRADE, 14 INCHES DEEP

END AREA	VOLUME	CALCULATED	NRY	CHECKED	MTL
6	0				
13	25				
23	26				
16	4				
TOTAL THIS SHEET					
110	104				

CROSS SECTIONS CR 51
 STA. 217+50.00 TO STA. 218+85.00

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49
 112

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SEEDING		END AREA		VOLUME		CALCULATED	
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL	NRV	CHECKED
		0	0	0	0		
				3746	6511		
				2221	4930		
				1525	1581		
				0	0		

CROSS SECTIONS CR 51
STA. 219+00.00

LOR-113-03.75

50
 112

SEE SHEET 11 FOR SEEDING

219+00.00
798.00

TOTAL CARRIED TO GENERAL SUMMARY
 SR 113 TOTAL FROM SHEET 44
 CR 51 TOTAL
 TOTAL THIS SHEET