

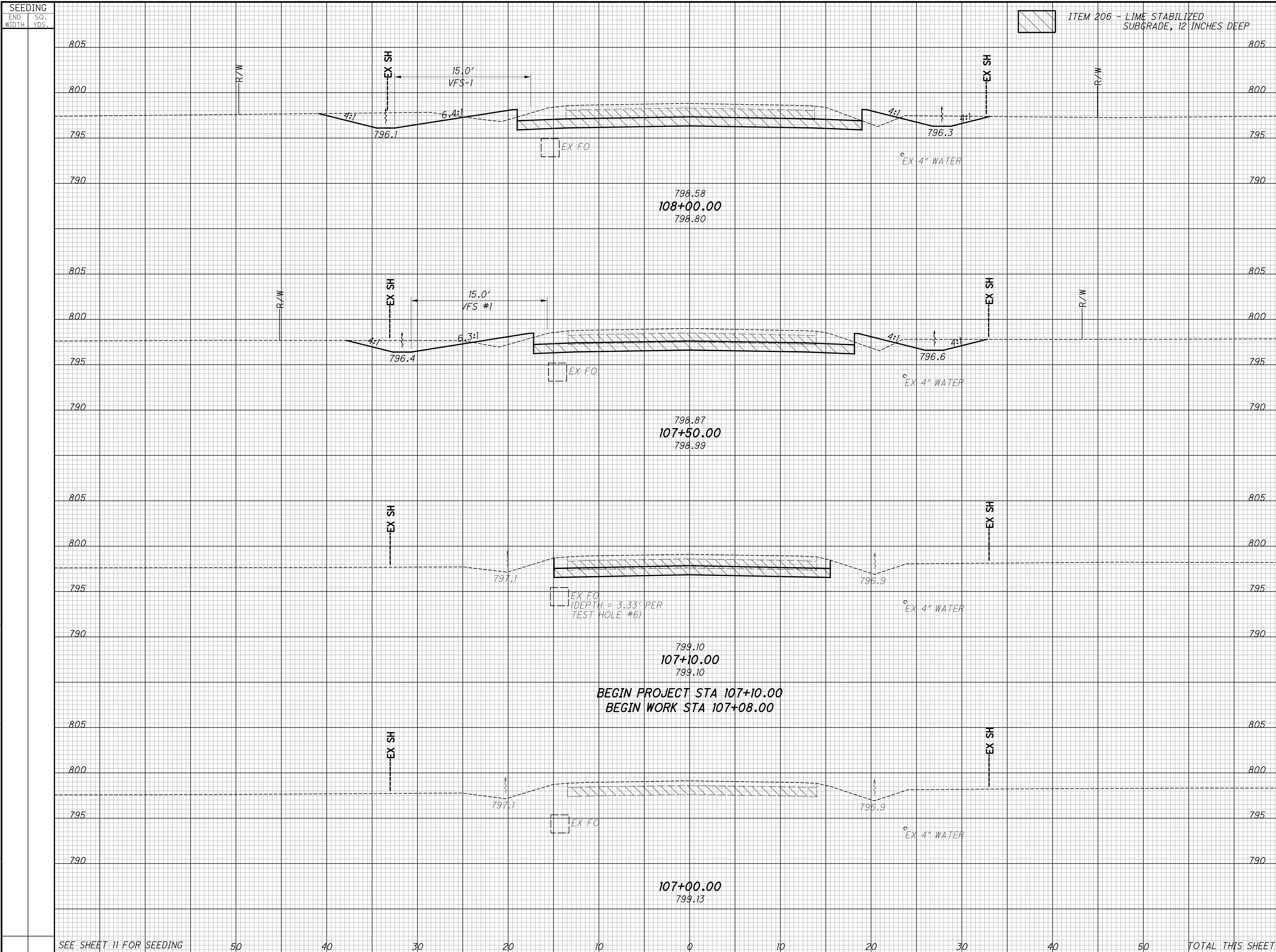
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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	11	21	22	23	24	50	54	58	60	95	01/SAF/PV	EXT	TOTAL				
<b>ROADWAY</b>																	
LS											LS	201	11000	LS		CLEARING AND GRUBBING	
		1									1	202	20010	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					3,746	203	10000	3,746	CY	EXCAVATION	
					2,686	6,511					6,511	203	20000	6,511	CY	EMBANKMENT	
					4		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)	13
		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	12
		2									2	SPECIAL	69050350	2	EACH	MAILBOX REMOVED AND RESET	12
<b>EROSION CONTROL</b>																	
				14							14	601	21050	14	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
										84	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 YD	SQ YD	HR	SQ YD	SQ YD	TON	SQ YD	CU YD	CU YD	GAL	CU YD	CU YD	SQ YD	SQ YD	
			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	
<b>SPLITTER ISLAND - WEST LEG</b>	LT/RT	CONCRETE	3201		356								59				356	
<b>SPLITTER ISLAND - NORTH LEG</b>	LT/RT	CONCRETE	2130		237								39				237	
<b>SPLITTER ISLAND - EAST LEG</b>	LT/RT	CONCRETE	3200		356								59				356	
<b>SPLITTER ISLAND - SOUTH LEG</b>	LT/RT	CONCRETE	2089		232								39				232	
<b>TRUCK APRON</b>	LT/RT	CONCRETE	3205													356		
STEP (SUBGRADE)			3631		403	0.1							67					
<b>ROUNDAABOUT</b>	LT/RT	ASPHALT	9919		1102	0.4					184	184	121	38	54			
<b>SR 113</b>																		
STA 107+10.00 TO STA 113+27.65	LT/RT	ASPHALT	23550															
STEP (LEVEL 3)			23772								367			288	91	127		
STEP (LEVEL 4)			24112									447						
STEP (SUBGRADE)			27551			1.0	3061		76	3061								
EXISTING PAVEMENT AREA	LT/RT		19907	2212														
<b>SR 113</b>																		
STA 114+78.84 TO STA 120+90.39	LT/RT	ASPHALT	20097															
STEP (LEVEL 3)			20269								313			246	78	109		
STEP (LEVEL 4)			20601									382						
STEP (SUBGRADE)			24680			0.9	2742		68	2742								
EXISTING PAVEMENT AREA	LT/RT		18702	2078														
<b>CR 51</b>																		
STA 208+26.54 TO STA 212+78.24	LT/RT	ASPHALT	15748															
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														
<b>CR 51</b>																		
STA 214+32.38 TO STA 218+85.00	LT/RT	ASPHALT	15574															
STEP (LEVEL 3)			15595								241			190	60	84		
STEP (LEVEL 4)			15579									289						
STEP (SUBGRADE)			18946			0.7	2105		61	2105								
EXISTING PAVEMENT AREA	LT/RT		15568	1730														
<b>TOTAL CARRIED TO GENERAL SUMMARY</b>				<b>8001</b>	<b>2686</b>	<b>4</b>	<b>5803</b>	<b>4201</b>	<b>265</b>	<b>10004</b>	<b>1350</b>	<b>1864</b>	<b>1037</b>	<b>328</b>	<b>459</b>	<b>356</b>	<b>1180</b>	

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ITEM 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP

END STA	AREA		VOLUME		CALCULATED	NRY	CHECKED	MTL
	CUT	FILL	CUT	FILL				
108+00.00	33	9	56	19				
107+50.00	27	12	22	13				
107+10.00	3	6	0	0				
107+00.00	0	0	0	0				
TOTAL THIS SHEET			78	33				

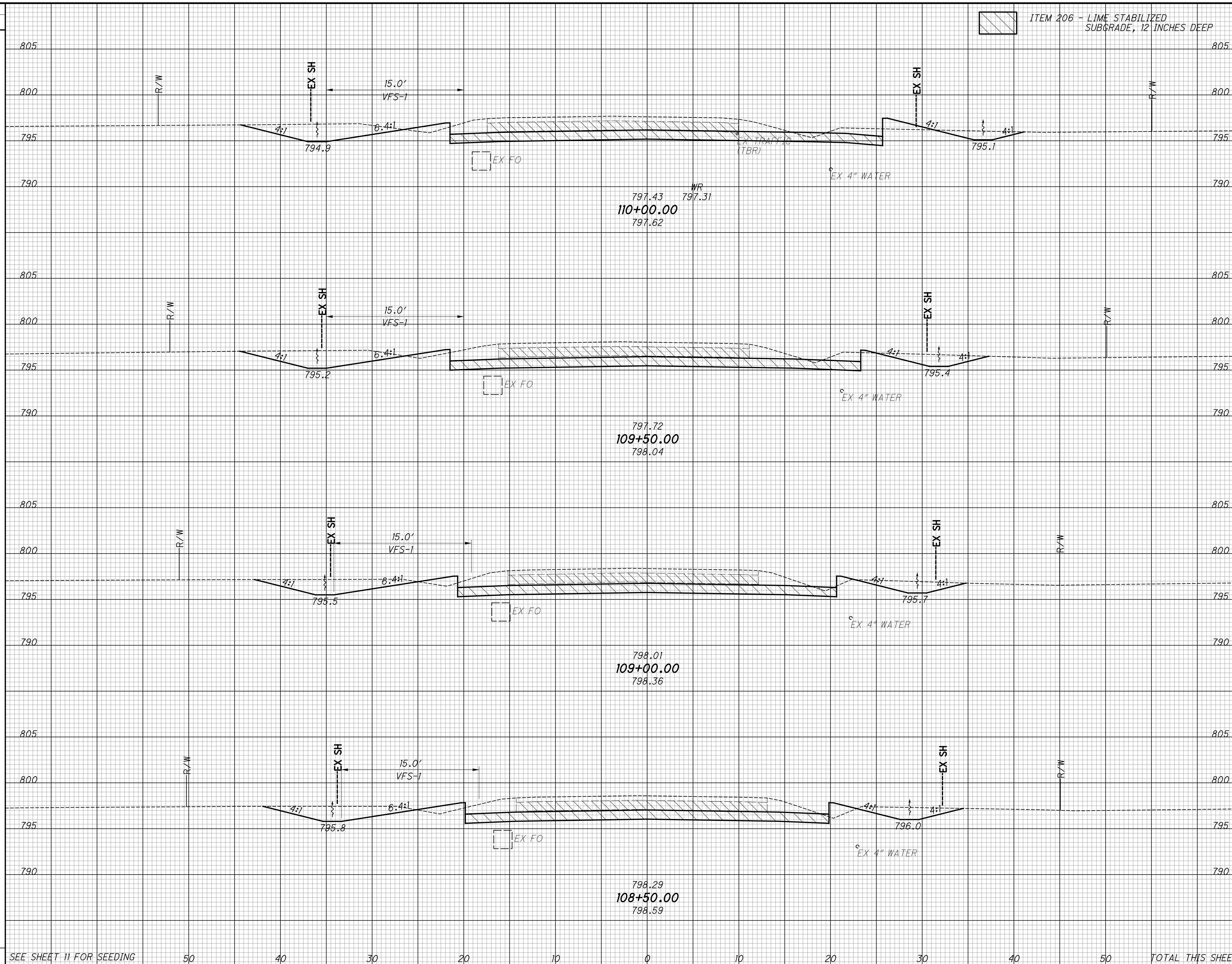
CROSS SECTIONS SR 113  
 STA. 107+00.00 TO STA. 108+00.00

LOR-113-03.75

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SEEDING

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



ITEM 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP

END AREA	VOLUME	CALCULATED	CHECKED		
				CUT	FILL
40	8				
48	3				
42	4				
39	6				
TOTAL THIS SHEET		306	40		

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

LOR-113-03.75

39  
 112

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SEEDING  
END WIDTH SO. YDS.

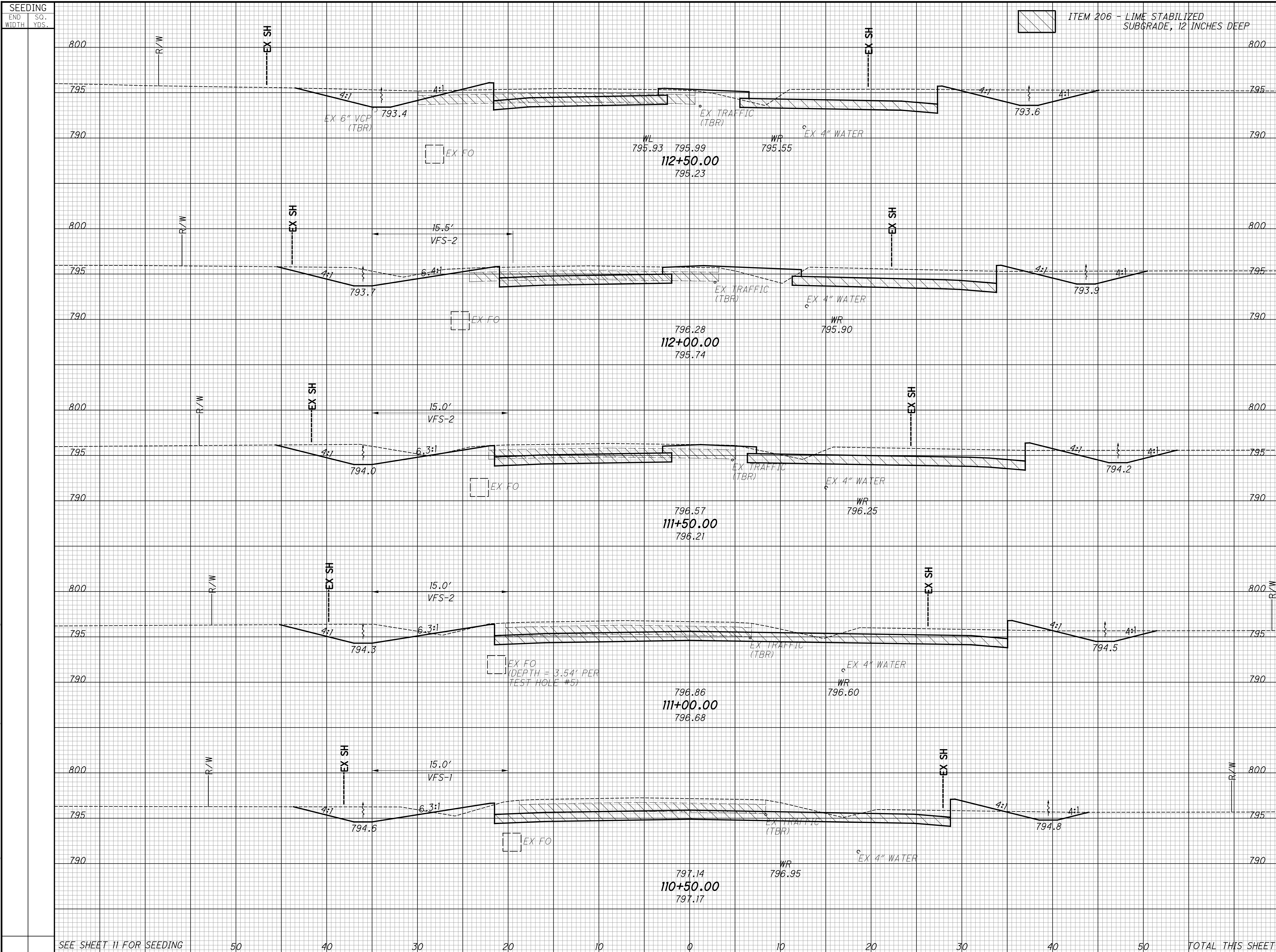
ITEM 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP

END AREA		VOLUME		CALCULATED NRV	CHECKED MTL
CUT	FILL	CUT	FILL		
53	35	98	62		
53	32	96	50		
51	22	88	32		
44	13	71	23		
33	12	68	19		
TOTAL THIS SHEET		421	186		

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

LOR-113-03.75

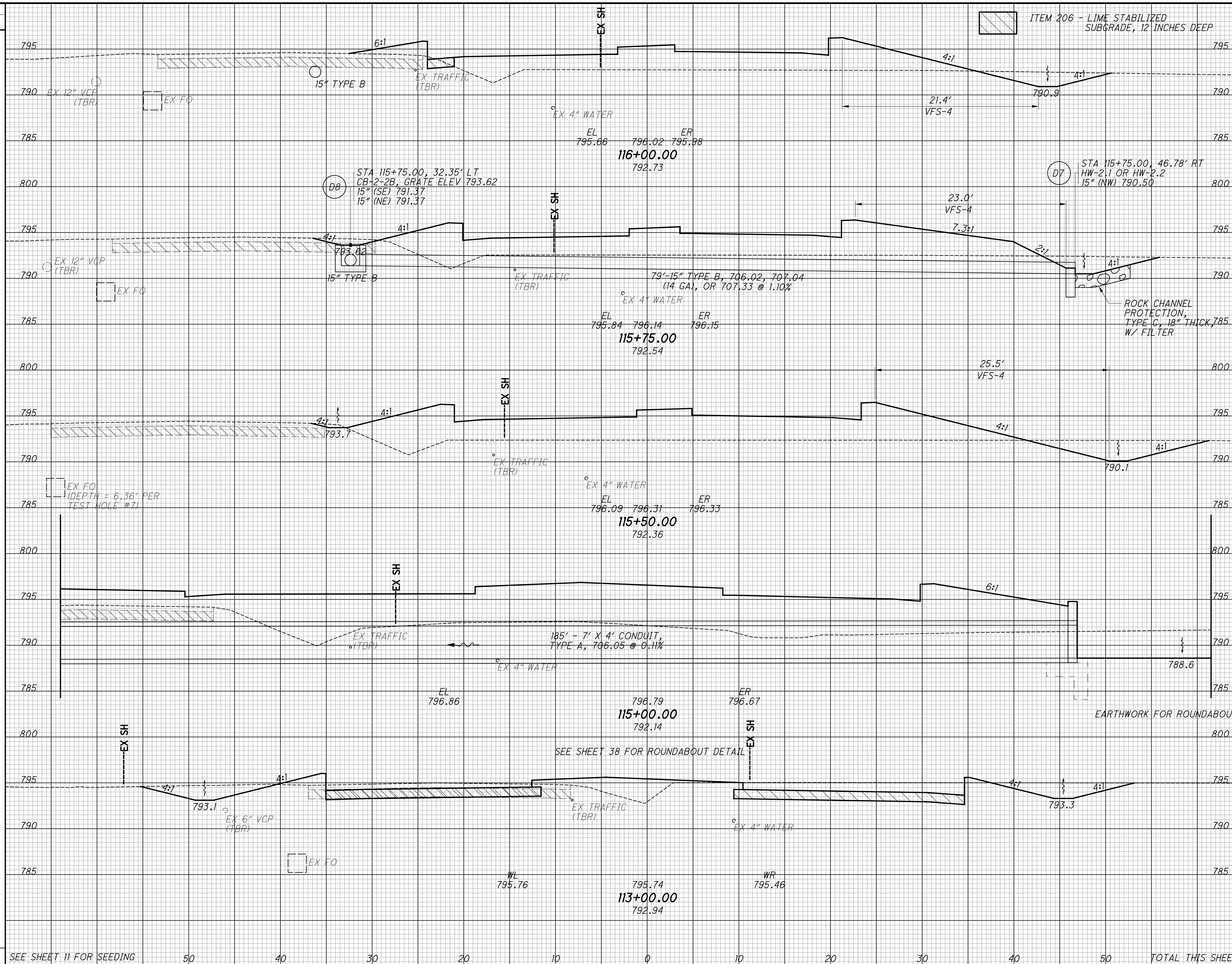
40  
112



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

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SEEDING  
END WIDTH SQ. YDS.



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

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

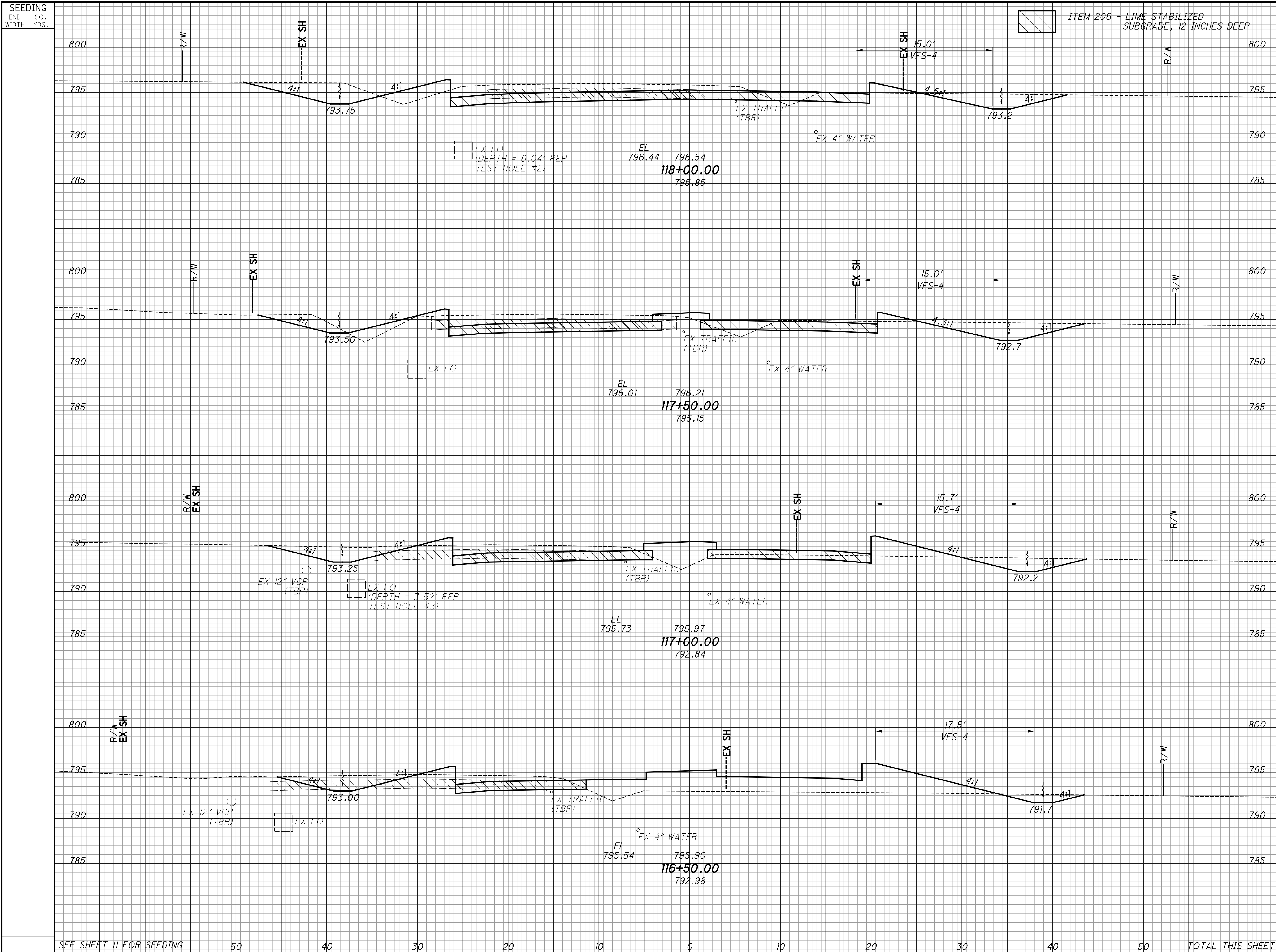
LOR-113-03.75

41  
112

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



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END STA.	AREA		VOLUME		CALCULATED	CHECKED
	CUT	FILL	CUT	FILL		
116+50.00	39	37	62	71		
117+00.00	28	40	49	94		
118+00.00	25	62	29	157		
TOTAL THIS SHEET	6	108	18	251		
SEE SHEET 11 FOR SEEDING	50	40	30	20	10	20
TOTAL THIS SHEET	157	574				

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

LOR-113-03.75

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SEEDING  
END WIDTH SO. YDS.

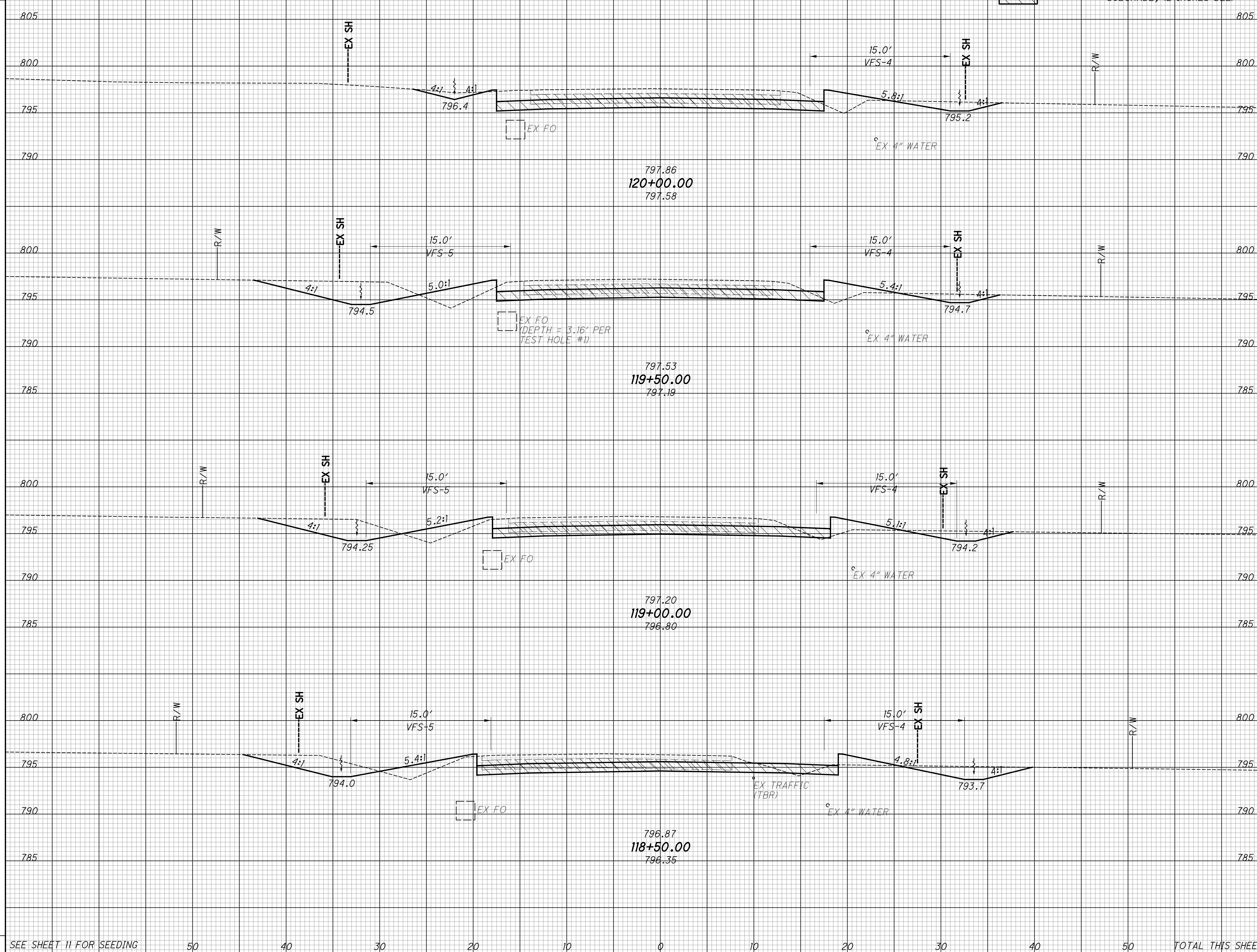
ITEM 206 - LIME STABILIZED SUBGRADE, 12" INCHES DEEP

END AREA	VOLUME	CALCULATED	CHECKED
16	21		
36	34	48	51
30	33	61	62
29	33	55	61
		63	65
TOTAL THIS SHEET		227	239

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

LOR-113-03.75

43  
112



SEE SHEET 11 FOR SEEDING

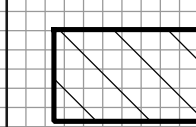
TOTAL THIS SHEET



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SEEDING

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

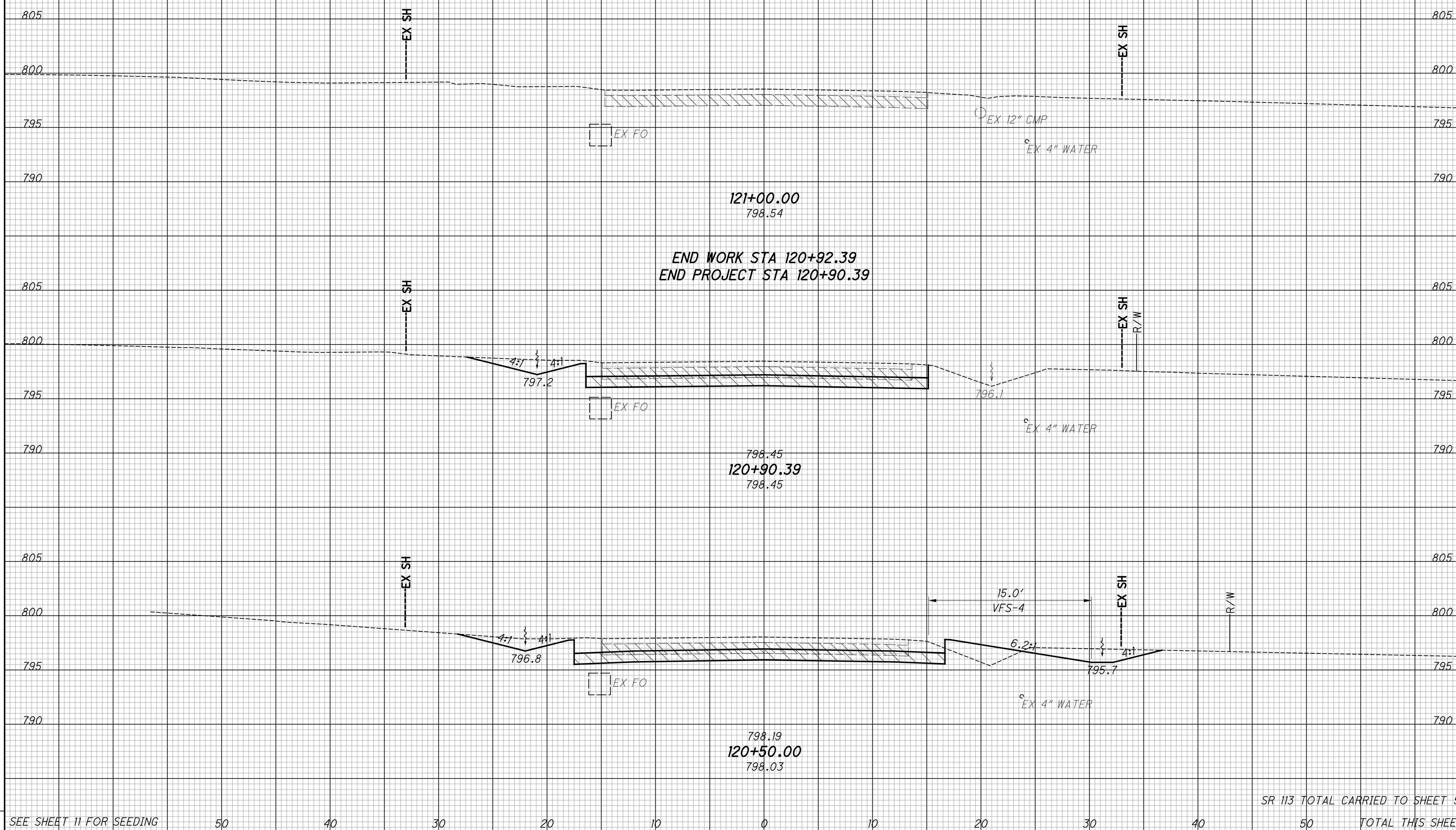

 ITEM 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP

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

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

LOR-113-03.75

44  
 112

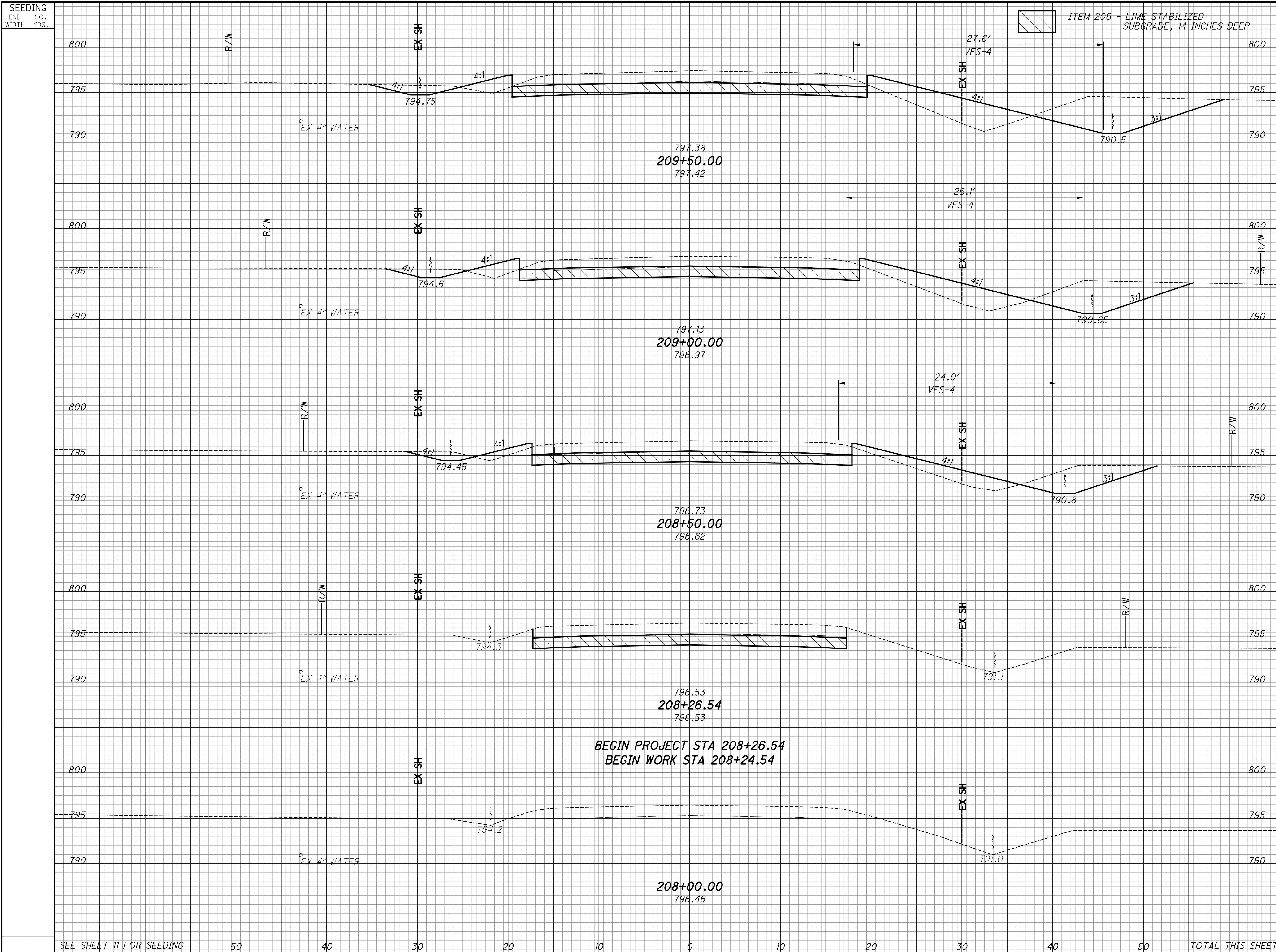


SEE SHEET 11 FOR SEEDING

SR 113 TOTAL CARRIED TO SHEET 50

TOTAL THIS SHEET

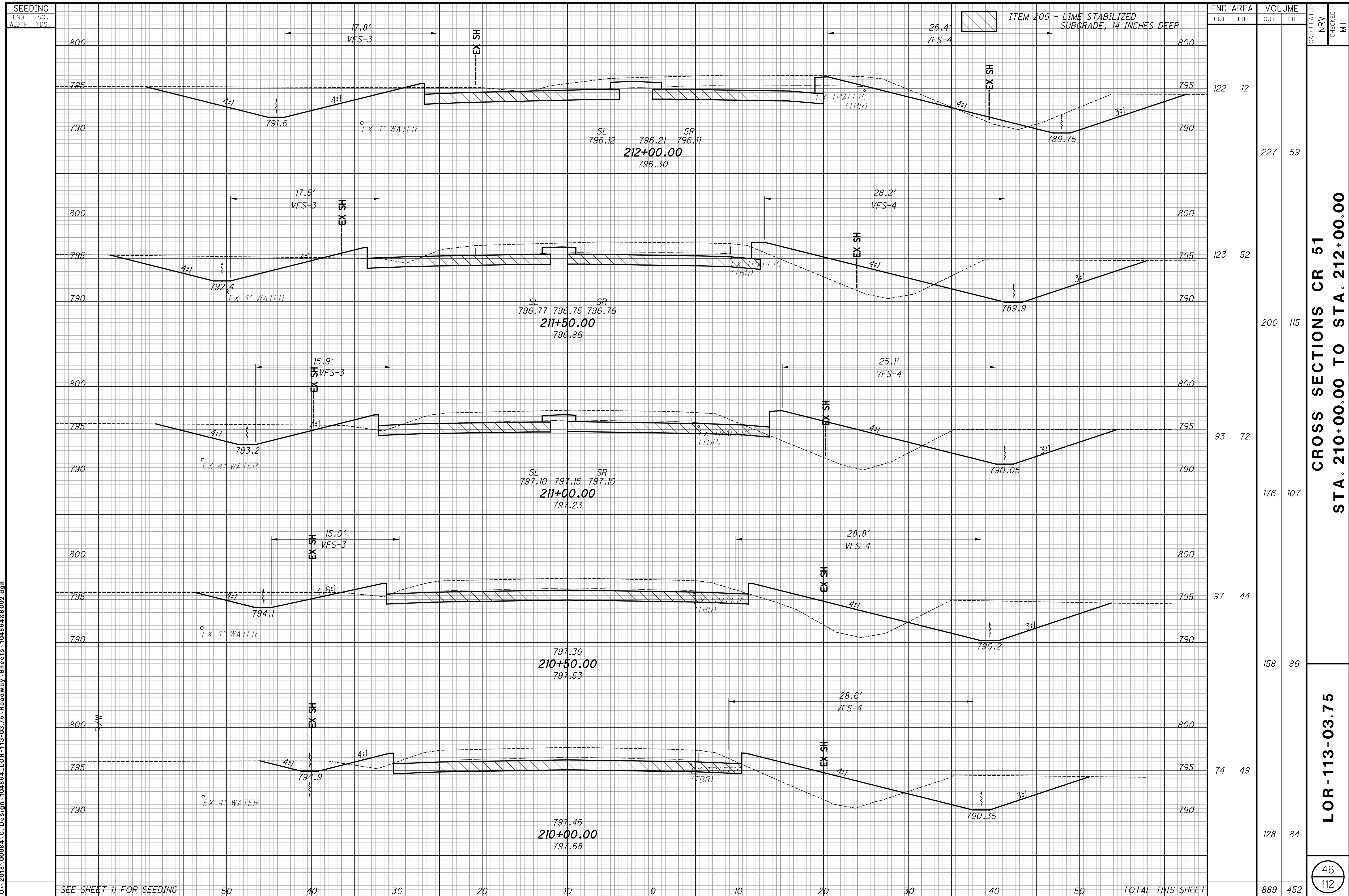
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END AREA	VOLUME	CALCULATED	CHECKED	MTL
64	42			
47	39			
34	25			
8	0			
TOTAL THIS SHEET		196	145	

**CROSS SECTIONS CR 51**  
**STA. 208+00.00 TO STA. 209+50.00**  
**LOR-113-03.75**

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END AREA	VOLUME	CALCULATED	CHECKED	MTL
122	12			
	227	59		
123	52			
	200	115		
93	72			
	176	107		
97	44			
	158	86		
74	49			
	128	84		
TOTAL THIS SHEET		889	452	

**CROSS SECTIONS CR 51**  
**STA. 210+00.00 TO STA. 212+00.00**

**LOR-113-03.75**

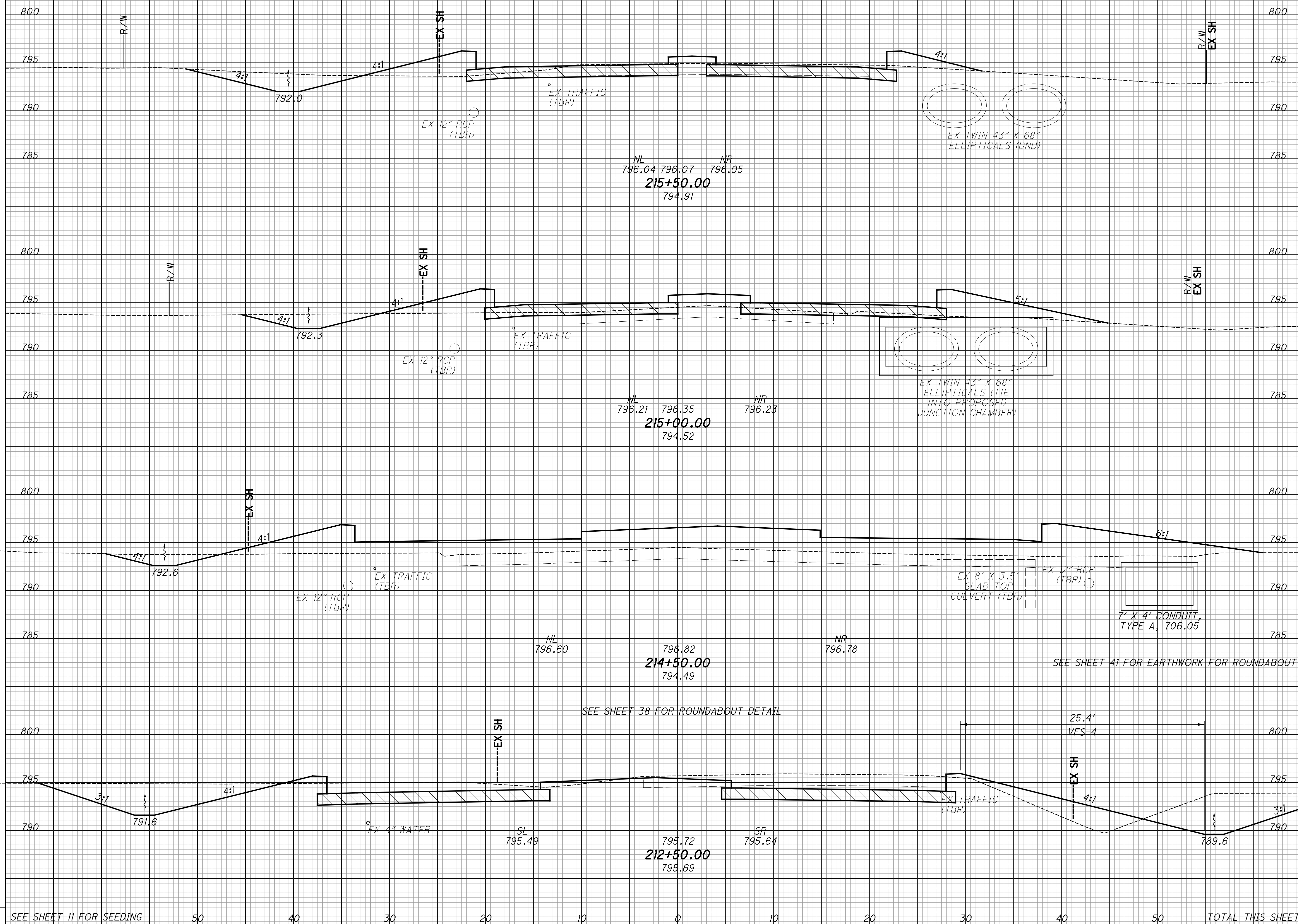
46  
 112

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

SEEDING	
END WIDTH	SO. YDS.

ITEM 206 - LIME STABILIZED SUBGRADE, 14 INCHES DEEP

END AREA		VOLUME		CALCULATED NRV	CHECKED MTL
CUT	FILL	CUT	FILL		



20	67	31	168		
13	114	19	357		
8	272	XX	XX		
121	38	225	46		
TOTAL THIS SHEET		275	571		

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

LOR-113-03.75

47  
112

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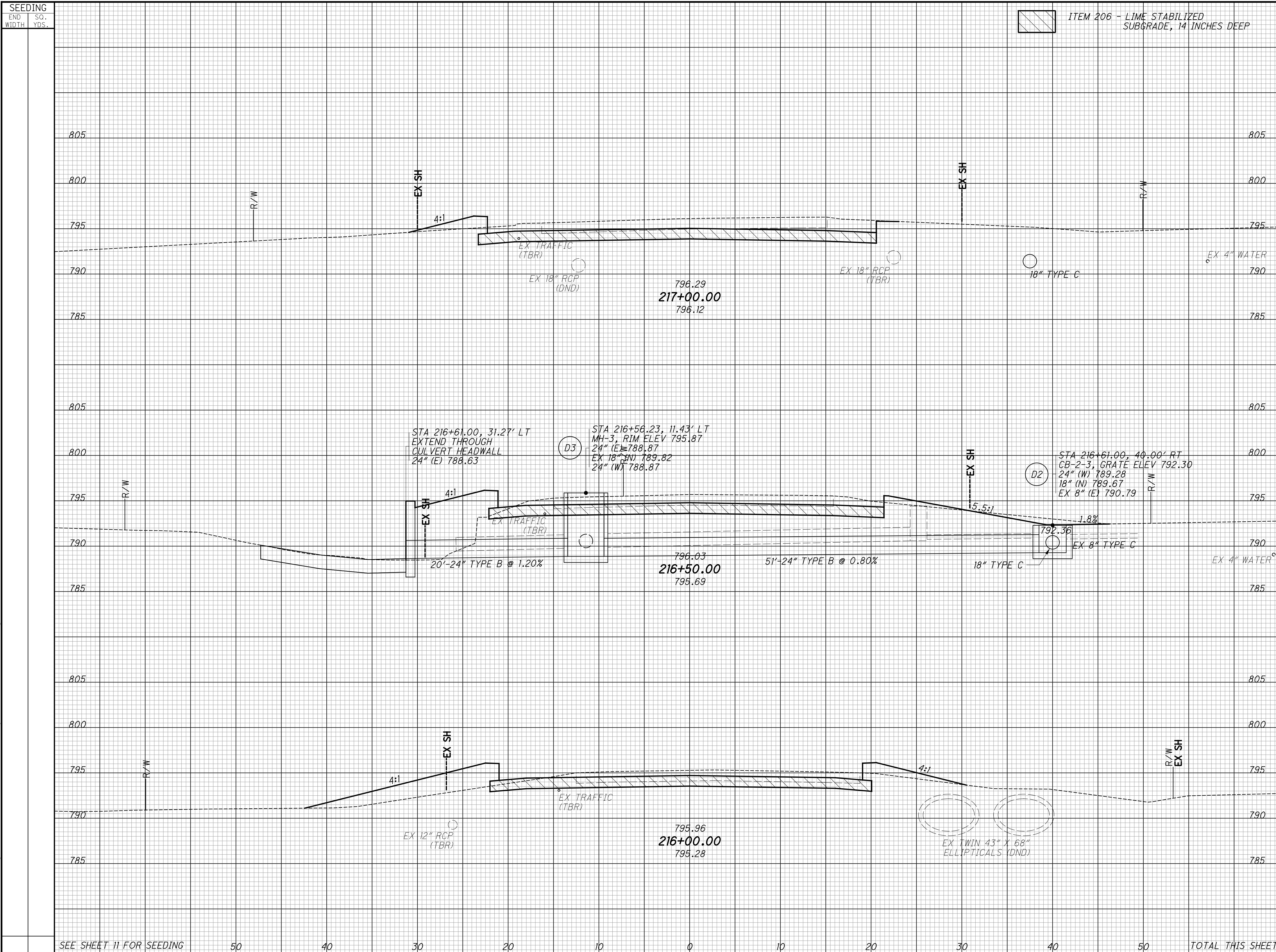
SEE SHEET 11 FOR SEEDING

SEE SHEET 38 FOR ROUNDABOUT DETAIL

SEE SHEET 41 FOR EARTHWORK FOR ROUNDABOUT

TOTAL THIS SHEET

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ITEM 206 - LIME STABILIZED SUBGRADE, 14 INCHES DEEP

END AREA	VOLUME		CALCULATED	CHECKED	MTL
	CUT	FILL			
14		10			
		24		70	
12		66			
		12		119	
1		62			
		19		119	
TOTAL THIS SHEET		56	308		

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

LOR-113-03.75

48  
 112

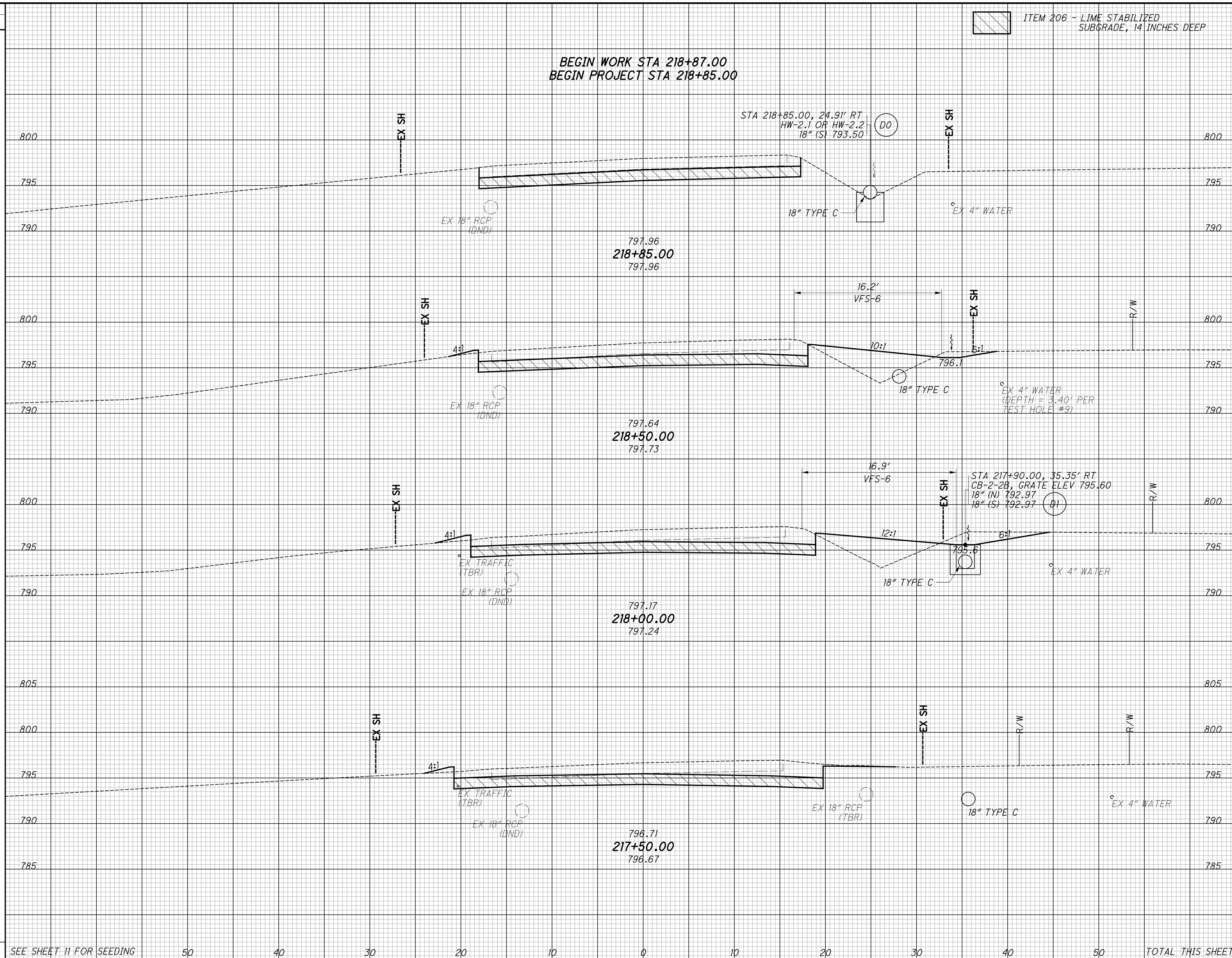
SEE SHEET 11 FOR SEEDING

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	



END AREA	VOLUME	CALCULATED	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**

**LOR-113-03.75**

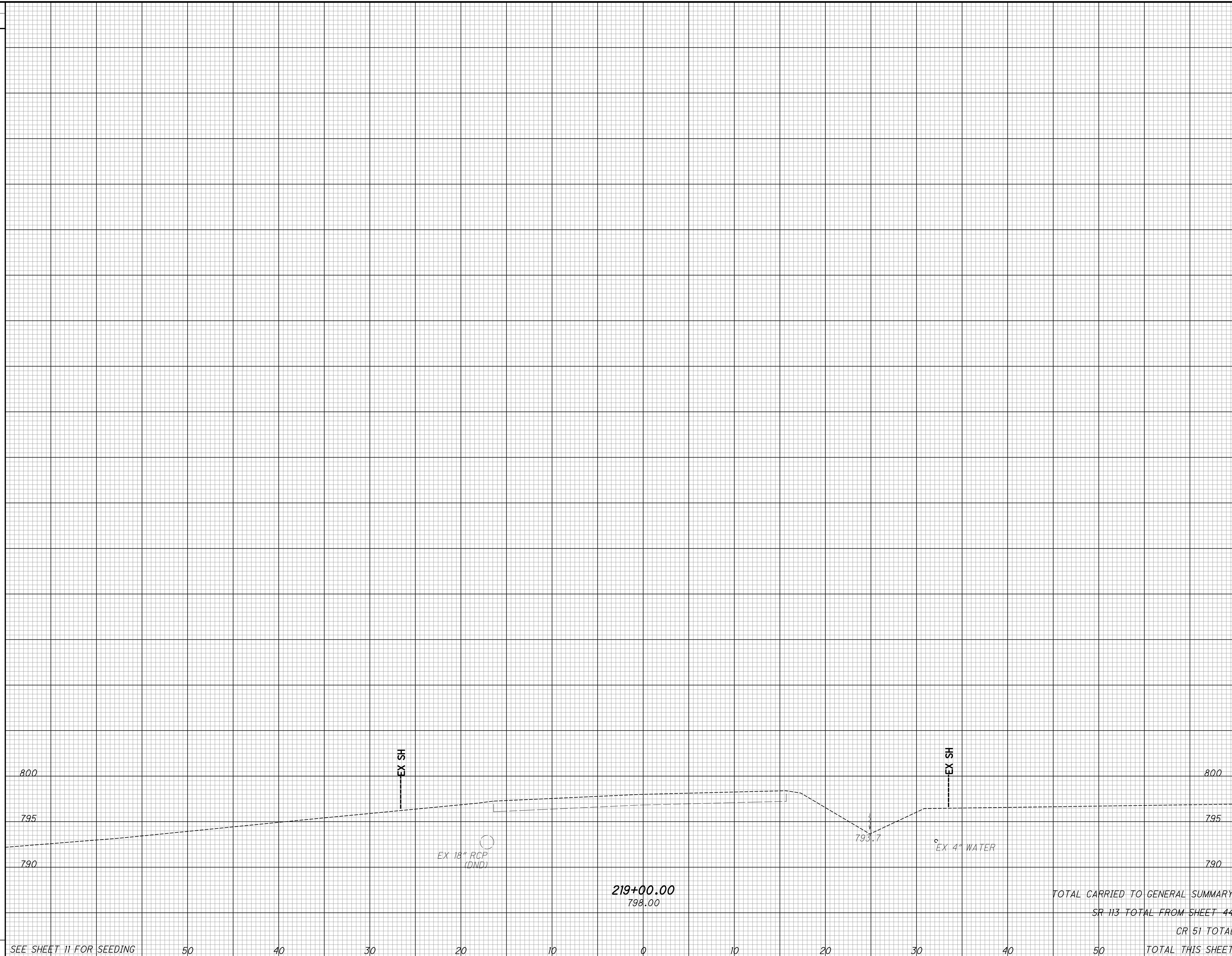
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SEEDING	
END WIDTH	SO. YDS.

END AREA		VOLUME		CALCULATED	
CUT	FILL	CUT	FILL	NRV	MTL



SEE SHEET 11 FOR SEEDING

50 40 30 20 10 0 10 20 30 40 50

219+00.00  
798.00

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

0	0	0	0
3746	6511	2221	4930
1525	1581	0	0
0	0		

**CROSS SECTIONS CR 51**  
**STA. 219+00.00**

**LOR-113-03.75**

50  
112