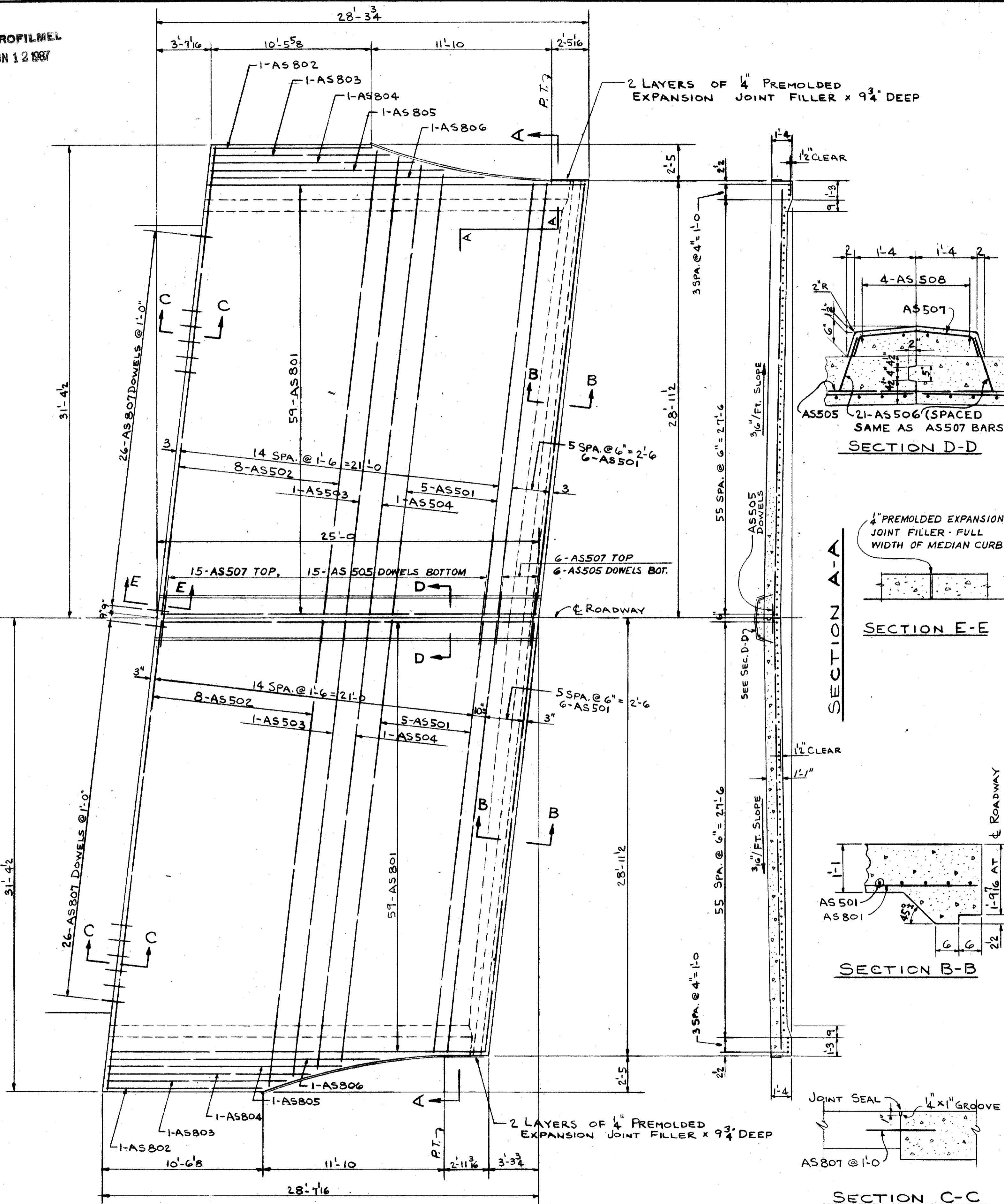


MICROFILM  
JUN 12 1987



**PLAN OF APPROACH SLAB**  
WEST APPROACH SLAB SHOWN. EAST  
APPROACH SLAB SIMILAR BUT ROTATED 180°

**REINFORCING STEEL LIST**

BAR NO.	NO. REQD.	LENGTH	SHAPE	WEIGHT	BENDING DIAGRAM	
<b>TWO ABUTMENTS</b>						
A601	108	16-7	BENT	2690		
A602	32	34-0	STR.	1634		
A501	80	4-9	BENT	397		
A502	60	5-2	BENT	323		
A503	96	4-5	BENT	442		
A504	60	8-2	BENT	511		
A505	16	10-8	STR.	178		
A506	12	9-4	STR.	117		
A507	20	6-4	STR.	133		
A508	8	17-4	STR.	145		
A509	8	17-6	BENT	146		
A510	4	12-0	STR.	50		
A511	4	9-0	STR.	38		
A512	4	10-0	STR.	42		
A513	16	7-0	STR.	117		
A514	62	5-0	STR.	324		
A515	40	3-4	STR.	139		
A516	8	3-9	STR.	31		
A517	8	4-1	STR.	34		
A518	8	4-5	STR.	37		
A519	4	5-0	BENT	21		
A520	8	4-9	BENT	40		
A521	12	6-0	BENT	75		
A522	12	6-0	BENT	75		
A523	16	3-4	STR.	56		
A524	24	3-3	BENT	81		
A525	4	2-9	BENT	12		
A526	16	13-10	STR.	#		
A527	8	15-6	STR.	129		
A528	8	12-6	STR.	104		
A529	8	15-6	BENT	129		
A530	12	33-8	STR.	421		
A531	12	31-10	STR.	398		
A532	10	33-8	STR.	351		
A533	10	31-6	STR.	328		
A534	248	7-2	BENT	1854		
A535	4	5-6	BENT	23		
A536	8	4-0	BENT	33		
A537	8	4-0	BENT	33		
A538	6	3-0	BENT	19		
A539	6	3-0	BENT	19		
A540	224	8-9	BENT	2050		
A541	88	7-7	BENT	704		
A542	40	6-0	BENT	250		
<b>TOTAL FOR TWO ABUTMENTS</b>				14,733		
<b>TWO APPROACH SLABS**</b>						
AS801	236	24-6	STR.			
AS802	4	10-2	STR.			
AS803	4	12-1	STR.			
AS804	4	14-0	STR.			
AS805	4	16-0	STR.			
AS806	4	18-6	STR.			
AS807	104	1-6	STR.			
<b>REPLACEMENT</b>						
RE1001	2	7-3"	STR.			
RE 801	1	6-6"	STR.			
RE 701	3	6-3"	STR.			
RE 601	5	5-11"	STR.			
RE 501	1	5-7"	STR.			
RE 401	1	5-3"	BENT			
<b>SPIRALS</b>						
SP 401	6	32"	15'-6"	4 1/2"	45	1740
SP 402	6	32"	16'-6"	4 1/2"	47	1823
SP 403	6	32"	15'-0 1/2"	4 1/2"	43	1666
<b>TOTAL FOR SPIRALS</b>						5229

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		
LAKE COUNTY			216
LAK-44-1.70			228

**REINFORCING STEEL LIST**

BAR NO.	NO. REQD.	LENGTH	SHAPE	WEIGHT	BENDING DIAGRAM
<b>SUPERSTRUCTURE</b>					
S701	638	31-10	STR.	41,508	
S601	638	31-10	STR.	30,501	
S602	976	31-11	STR.	46,793	
S603	150	28-0	STR.	6,308	
S604	112	15-1	STR.	#	
S605	16	11-4	STR.	#	
S501	320	3-1	BENT	1,028	
S502	4	1-8	BENT	7	
S503	322	5-0	BENT	1,679	
S504	322	3-8	BENT	1,232	
S505	322	5-6	BENT	1,847	
<b>TOTAL FOR SUPERSTRUCTURE</b>				130,903	
<b>THREE PIERS</b>					
P1006	12	23'-0"	STR.	1,188	
P1001	60	18'-6"	STR.	4,776	
P1002	60	19'-6"	STR.	5,034	
P1003	60	18'-0"	STR.	4,647	
P1004	24	32'-5"	BENT	3,348	
P1005	180	6'-6"	BENT	5,034	
P 801	42	29'-5"	STR.	3,299	
P 802	12	9'-0"	BENT	288	
P 701	372	10'-2"	BENT	7,732	
P 501	12	29'-0"	STR.	363	
P 502	192	7'-6"	BENT	1,502	
<b>TOTAL FOR THREE PIERS</b>				37,211	

SEE DWG. 203 FOR NOTES.

TRYGVE HOFF & ASSOCIATES  
1922 EAST 107TH STREET ENGINEERS CLEVELAND, OHIO

**APPROACH SLAB AND REINFORCING STEEL LIST**  
BRIDGE NO. LAK-44-0411  
S.R. 44 UNDER S.R. 84  
LAKE COUNTY S.R. 44  
STA. 217+54.03

SCALE DATE  
DESIGNED DRAWN TRACED CHECKED REVIEWED DATE REVISED  
CLS HHB GLP A.J. 4-29-88

\*\* INCLUDED WITH ITEM I-7 FOR PAYMENT  
\* REINFORCING BARS FOR RAILING PARAPETS SHALL BE INCLUDED WITH ITEM 5-14 FOR PAYMENT