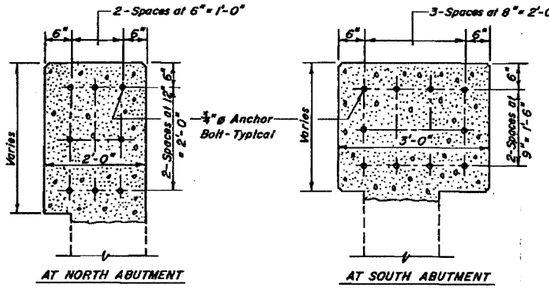
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. F.A. 18	103 BR-2	JO DAVIESS	18	9
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

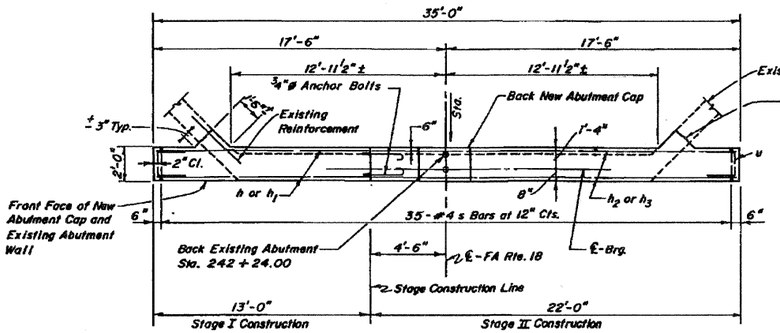
SHEET NO. 3
SHEETS 7

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

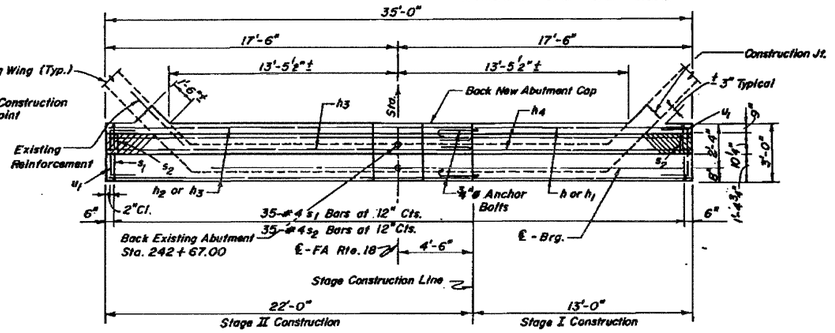
NOTE:
Anchor bolts shall consist of approved cast-in anchors, providing minimum proof load = 4,080 lbs., and ¾"ø x 12" hooked bolts.



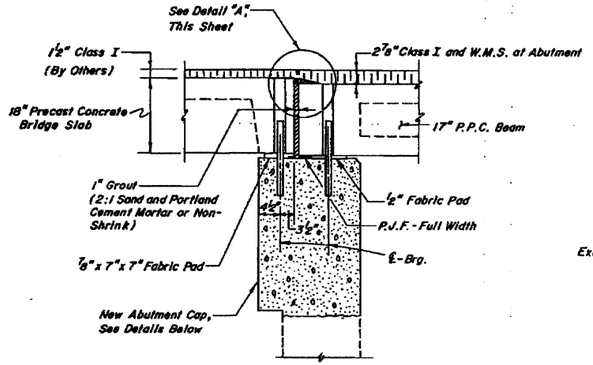
CAP SECTION AT BONDED CONSTRUCTION JOINT
(SHOWING LOCATION OF ANCHOR BOLTS)



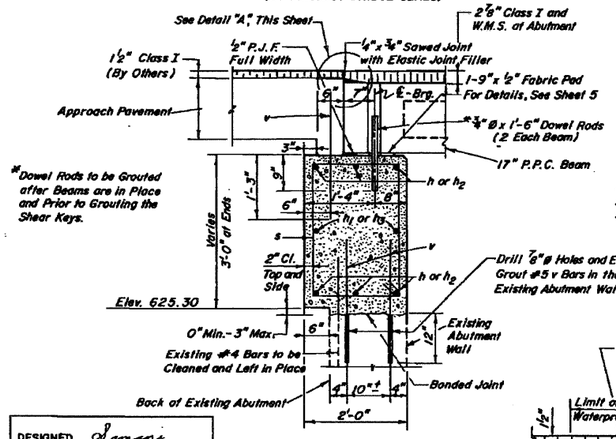
PLAN



PLAN

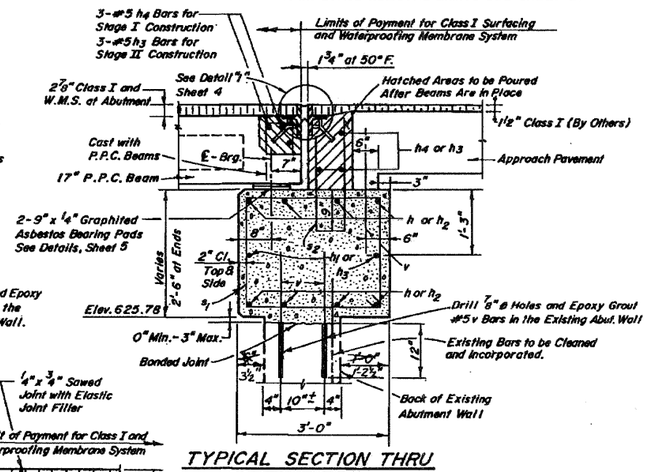


TYPICAL SECTION THRU NORTH ABUTMENT
(AT PRECAST BRIDGE SLABS)

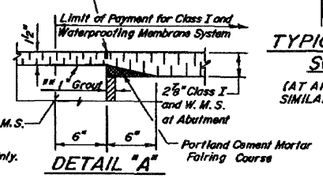


TYPICAL SECTION THRU NORTH ABUTMENT
(AT APPROACH PAVEMENT)

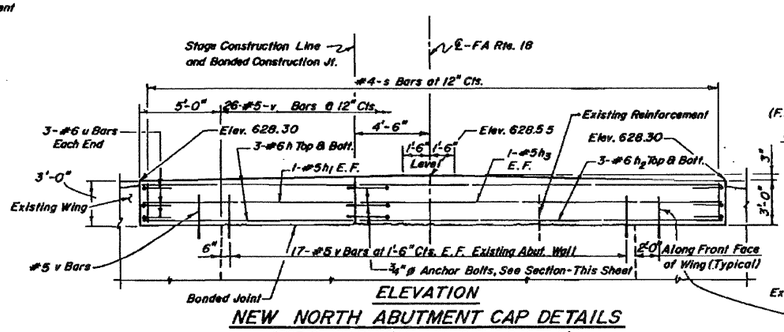
**1" Grout at Precast Bridge Slab Only.



TYPICAL SECTION THRU SOUTH ABUTMENT
(AT APPROACH PAVEMENT SHOWN, SIMILAR AT PRECAST BRIDGE SLABS)

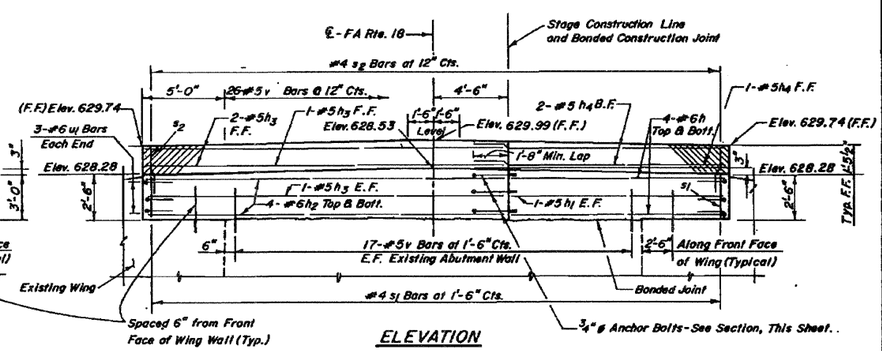


DETAIL "A"



ELEVATION

NEW NORTH ABUTMENT CAP DETAILS
(FOR STAGE REMOVAL LIMITS SEE SHEET 2)



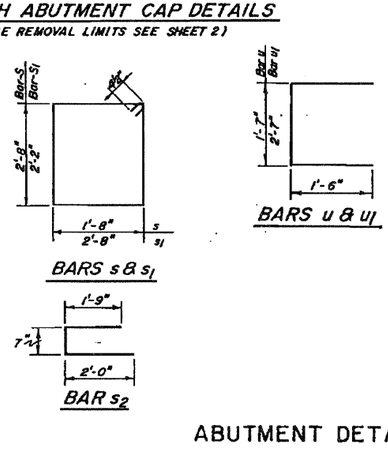
ELEVATION

NEW SOUTH ABUTMENT CAP DETAILS
(FOR STAGE REMOVAL LIMITS SEE SHEET 2)

BILL OF MATERIAL

Bar	Number N. Abut.	Number S. Abut.	Number Total	Size	Length	Shape
h	6	8	14	#6	12'-8"	
h1	2	2	4	#5	12'-8"	
h2	6	8	14	#6	21'-8"	
h3	2	8	10	#5	21'-8"	
h4		6	6	#5	14'-6"	
s	35		35	#4	9'-5"	
s1		35	35	#4	10'-5"	
s2		35	35	#4	4'-4"	
u	6		6	#6	4'-7"	
u1		6	6	#6	5'-7"	
v	62	62	124	#5	3'-0"	

Class X Concrete - North Abutment	Cu. Yds.	8.5
Class X Concrete - South Abutment	Cu. Yds.	13.0
Reinforcement - North Abutment	Lbs.	836
Reinforcement - South Abutment	Lbs.	1300



FOR INFORMATION ONLY

ABUTMENT DETAILS

PROJECT GR-18(115) SEC. 103 BR-2
FA 18 (IL. 84) OVER DUKE CREEK
JO DAVIESS COUNTY
STA. 242+45.5

DESIGNED	Jamen
CHECKED	R.F.C.
DRAWN	[illegible]
CHECKED	R.F.C./F.S.

BRIGHTON ENGINEERING COMPANY CONSULTING ENGINEERS SCHAUMBURG, ILLINOIS