STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A. 316	115 (BR-1)	BUREAU	28	20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 10
12 SHEETS
6 4424

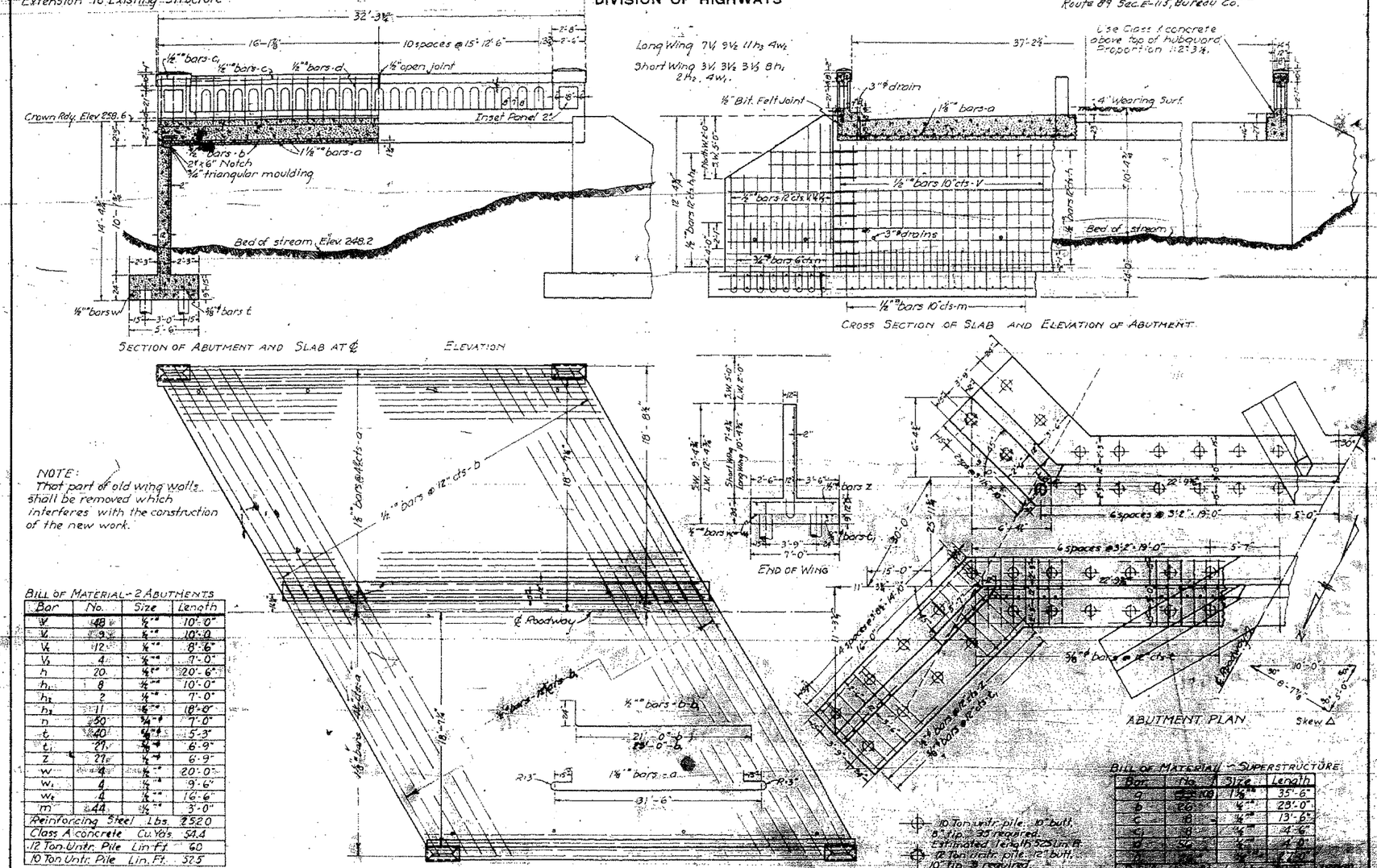
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	ILL.	136	1928	48	50

SHEET NO. 1
1 SHEETS

Route 89 Sec. E-115, Bureau Co.

B.M. S.P. & W. Tel. Pole Rt. sta. 1298+67. Elevation 256.81
Extension to Existing Structure



NOTE:
That part of old wing walls shall be removed which interferes with the construction of the new work.

BILL OF MATERIAL - 2 ABUTMENTS

Bar	No.	Size	Length
V	48	½"□	10'-0"
V₁	9	½"□	10'-0
V₂	12	½"□	8'-6"
V₃	4	½"□	7'-0"
h	20	½"□	20'-6"
h₁	8	½"□	10'-0"
h₂	2	½"□	7'-0"
h₃	11	½"□	18'-8"
n	50	¾"φ	7'-0"
t	40	⅝"φ	5'-3"
t₁	27	⅝"φ	6'-9"
z	27	½"φ	6'-9"
w	4	½"□	20'-0"
w₁	4	½"□	9'-6"
w₂	4	½"□	16'-6"
m	44	½"□	3'-0"
Reinforcing Steel		Lbs.	2520
Class A concrete		Cu. Yds.	54.4
12 Ton Untr. Pile		Lin. Ft.	60
10 Ton Untr. Pile		Lin. Ft.	32.5

BILL OF MATERIAL - SUPERSTRUCTURE

Bar	No.	Size	Length
a	10	1⅛"□	35'-6"
b	20	½"□	23'-0"
c	10	½"□	13'-6"
c₁	4	½"□	4'-6"
d	50	½"□	4'-0"
[illegible]	[illegible]	[illegible]	[illegible]
Reinforcing Steel		Lbs.	[illegible]
Class A concrete		Cu. Yds.	[illegible]
Class X concrete		Cu. Yds.	4.9
Name Plate			one

10 Ton untr. pile 10" butt.
8" tip. 32 required.
Estimated length 325 Lin. ft.
12 Ton untr. pile 12" butt.
10" tip. 3 required.
Estimated length 60 Lin. ft.

STANDARD	COMPUTED	P. Michener
	CHECKED	[illegible]
	DRAWN	P.M.
	CHECKED	[illegible]
SPECIAL	ASSEMBLED	
	CHECKED	

EXAMINED March 23, 1928
A. T. Bruce, BRIDGE ENGINEER
PASSED [illegible], ENGINEER OF DESIGN
APPROVED Frank T. Sheets, CHIEF HIGHWAY ENGINEER

OK As corrected 5-30-28 A.T.B.
Revised Sept. 19, 1928 A.T.B.

NOTE: Entire new superstructure to be built.
In superstructure: Class X concrete to be used above top of hubguard. Prop. 1:2:3¾.
Class A concrete to be used below top of hubguard. Proportion 1:2½:4.
In abutment: Class A concrete shall be used throughout. Prop. 1:2½:4. All reinforcing steel shall be wired securely in place before concrete is poured.
Old solid rails and slab shall be cut off at hubguard and replaced by new spindle rails.
Old concrete shall be chipped back until coarse aggregate is exposed then brushed clean of all dust particles and flushed with a 1:2 mix mortar before new concrete is poured.

S.B.I. ROUTE 89 - SECTION 115
BUREAU COUNTY
STA. 1300+69.8.

EXISTING BRIDGE DRAWING
IL RTE 26 OVER LIME CREEK
F.A. RTE 316 SECTION 115 (BR-1)
BUREAU COUNTY
STATION 1300+69.5
S.N. 006-2017

DESIGNED JFJ	RANDOLPH & ASSOCIATES, INC. CONSULTING ENGINEERS • LAND SURVEYORS	FILE NUMBER 136.101
CHECKED DDB		
DRAWN HS		DATE April 2003
CHECKED JFJ		

r:\Projects\0136\0136-101 time phase 11\culvert plans\10 exist bridge.dgn 4/16/2004 3:56:25 PM