ESCA CONSULTANTS, INC.

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

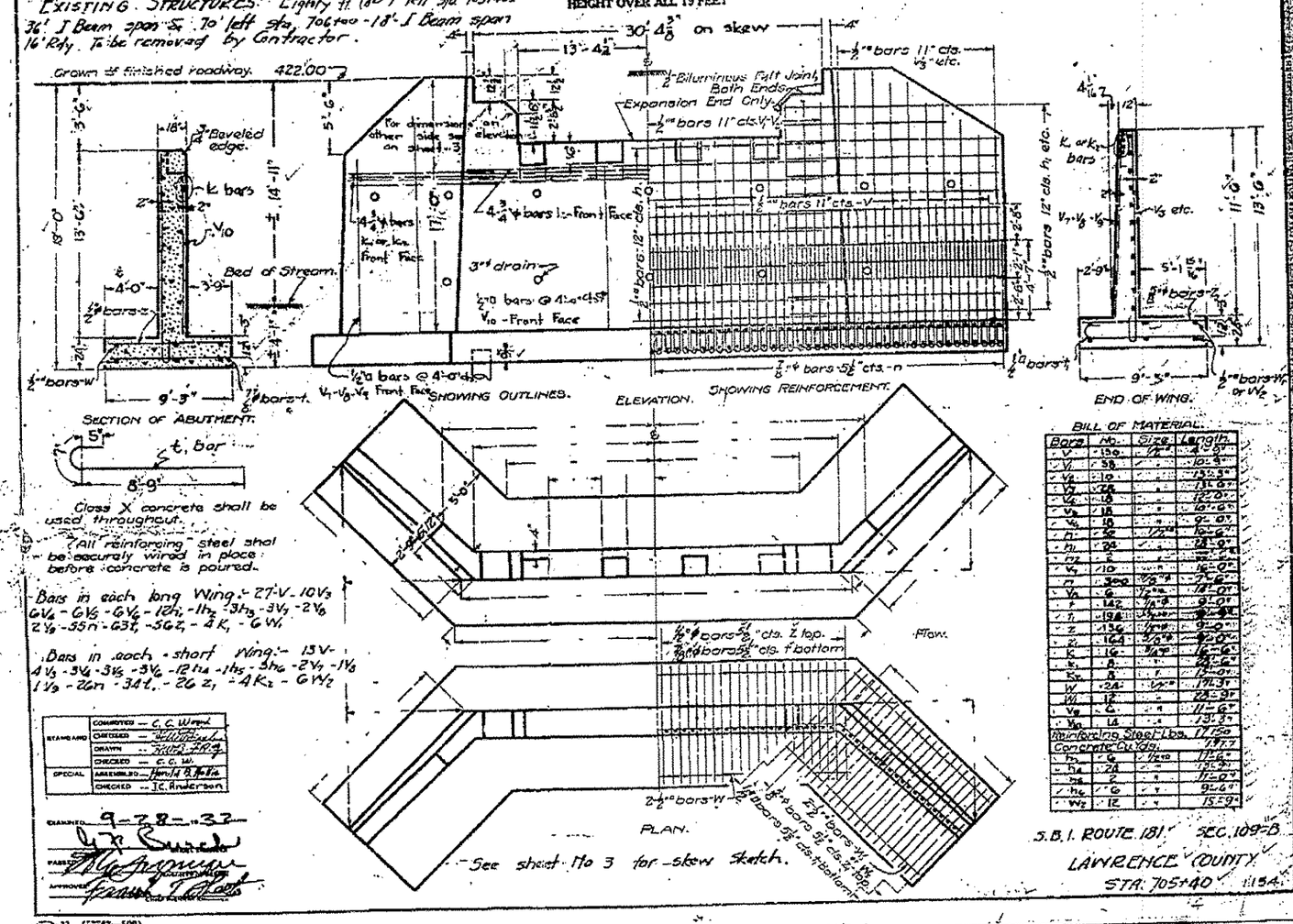
R. C. ABUTMENTS FOR DECK GIRDER BRIDGE
HEIGHT OVER ALL 19 FEET

BORD ISSUE ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
181	109B	Lawrence	56	54

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

Sheet No. 2 3 Sheets.

BENCH MARK: Mark X on N.W. Wing-Wall 60' left sta. 707+00. Elev. 418.93.
EXISTING STRUCTURES: Eighty ft (80') left sta 705+40 - 36' I Beam span & 70' left sta. 706+00 - 18' I Beam span 16' Rdy. To be removed by Contractor.



BILL OF MATERIAL.

Bars	No.	Size	Length
V	150	1/2"	4'-9"
V1	38	"	10'-9"
V2	10	"	13'-3"
V3	28	"	13'-0"
V4	18	"	12'-0"
V5	18	"	10'-6"
V6	18	"	9'-0"
h	52	1/2"	10'-6"
h1	24	"	28'-9"
h2	2	"	[illegible]
V7	10	"	16'-0"
n	300	7/8" φ	7'-6"
V8	6	1/2"	14'-0"
t	142	7/8" φ	9'-0"
t1	194	1/2"	[illegible]
z	136	1/2"	9'-0"
z1	164	5/8" φ	9'-0"
K	16	3/4" φ	16'-6"
K1	8	"	24'-6"
K2	8	"	15'-0"
W	24	1/2"	17'-3"
W1	12	"	28'-9"
V9	6	"	11'-6"
V10	14	"	13'-3"
Reinforcing Steel Lbs.			17,150
Concrete Cu. Yds.			197.7
h3	6	1/2" φ	17'-6"
h4	24	"	15'-9"
h5	2	"	11'-0"
h6	6	"	9'-6"
W2	12	"	15'-9"

S.B.I. ROUTE 181 SEC. 109-B
LAWRENCE COUNTY
STA. 705+40 1154

STANDARD	COMPUTED	C. C. Wood
	CHECKED	[illegible]
	DRAWN	[illegible]
	CHECKED	C. C. W.
SPECIAL	ASSEMBLED	Harold B. Hollis
	CHECKED	J.C. Anderson

EXAMINED 9-28-32
PASSED [illegible]
APPROVED [illegible]

FOR INFORMATION ONLY

FILE NAME = B:\pwidot\pwedd\dgeffenmk\d0273139\D774105-sht-rem01.dgn	USER NAME = steffenmk	DESIGNED - DAJ	REVISED -
		DRAWN - HAS	REVISED -
	PLOT SCALE = 0.1667 ' / in.	CHECKED - ELH	REVISED -
	PLOT DATE = 6/2/2014 1:11:22 PM	DATE - 02/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. 1 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	109B-1	LAWRENCE	34	25

CONTRACT NO. 74105

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT AID