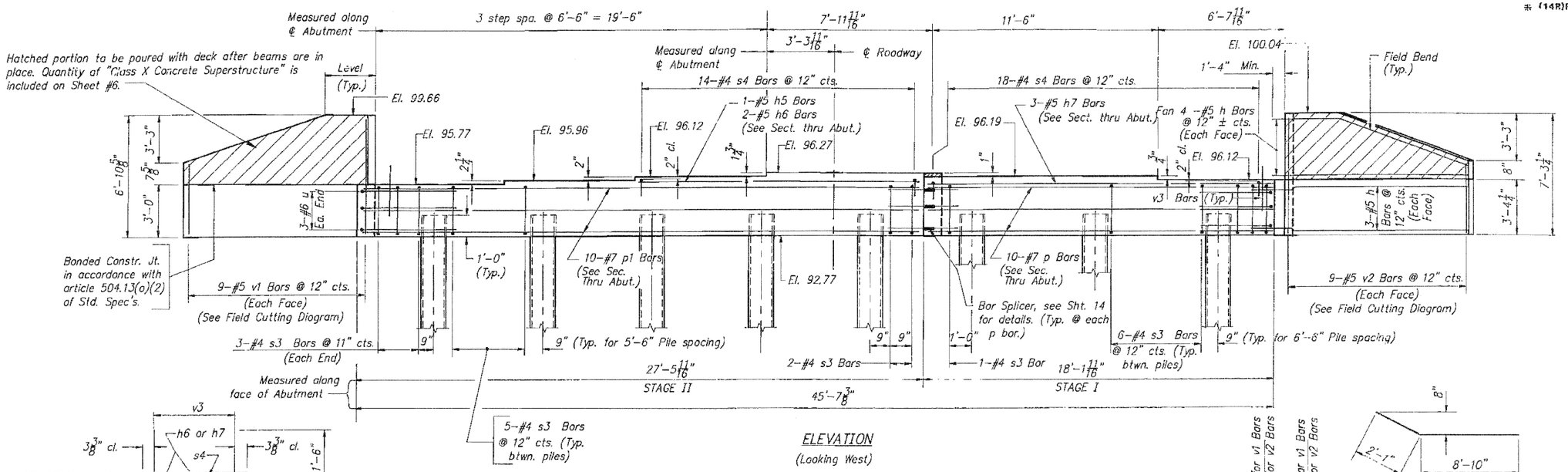
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

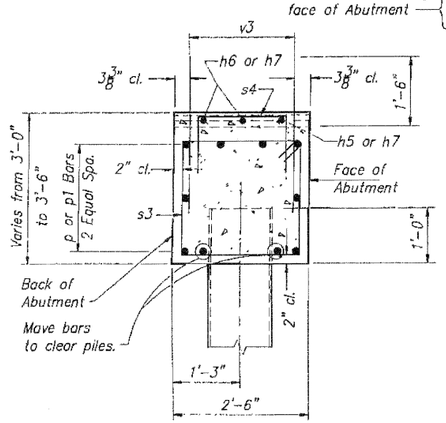
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 591	*	KENDALL	51	29
FEDERAL ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT-		

SHEET NO. 10 OF 17 SHEETS

* (14R)RS-2 & 14BR-1



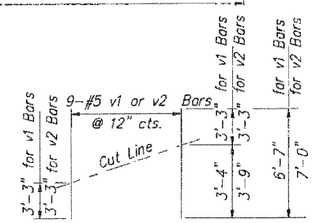
ELEVATION
(Looking West)



SECTION THRU ABUTMENT

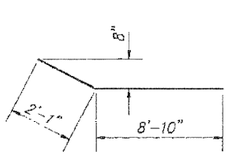
Notes:
All edges shall have standard 3/4" chamfer except as noted.
Tilt bars if necessary to maintain min. clearance.

DRAWINGS PROVIDED FOR INFORMATION ONLY. DRAWINGS ARE NOT "AS-BUILT"

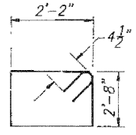


FIELD CUTTING DIAGRAM

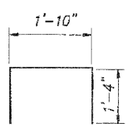
Order v1 and v2 bars full length.
Cut to fit and use the remainder in opposite face.



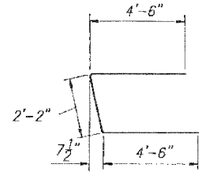
BAR h



BAR s3



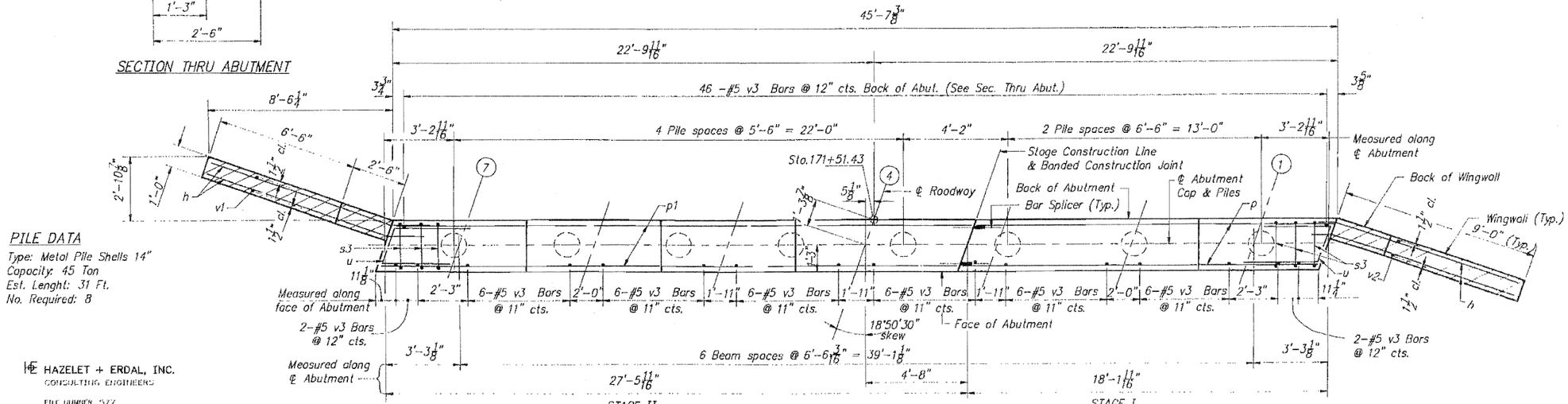
BAR s4



BAR u

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	28	#5	10'-11"	
h5	1	#5	13'-9"	
h6	2	#5	14'-2"	
h7	3	#5	17'-9"	
p	10	#7	17'-9"	
p1	10	#7	27'-1"	
s3	41	#4	10'-5"	
s4	32	#4	4'-6"	
u	6	#6	11'-2"	
v1	9	#5	6'-7"	
v2	9	#5	7'-0"	
v3	86	#5	3'-0"	
Reinforcement Bars			Lbs.	2210
Class X Concrete			Cu.Yds.	15.8
Furnishing Metal Pile Shells 14"			Lin. Ft.	248
Driving & Filling Shells			Lin. Ft.	248



PLAN

PILE DATA
Type: Metal Pile Shells 14"
Capacity: 45 Ton
Est. Lenght: 31 Ft.
No. Required: 8

HAZELET + ERDAL, INC.
CONSULTING ENGINEERS
FILE NUMBER 577
DRAWN BY RSB/JPH
CHECKED BY J.S.H.
APPROVED BY

WEST ABUTMENT
F.A.P. ROUTE 591 SECTION 14BR-1
KENDALL COUNTY
STA.172+32.50

BRIDGE APPENDIX
EXISTING STRUCTURE - ORIGINAL PLANS
4 OF 7

SHEET NO 293D