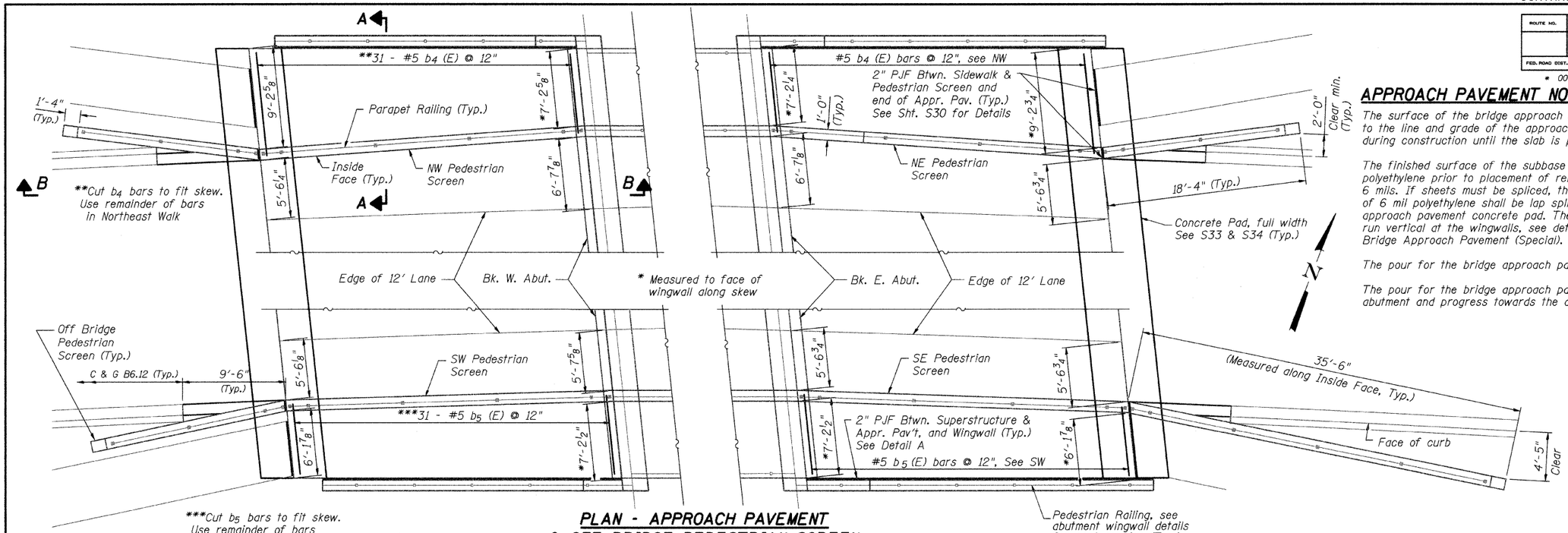
CONTRACT NO. 83827

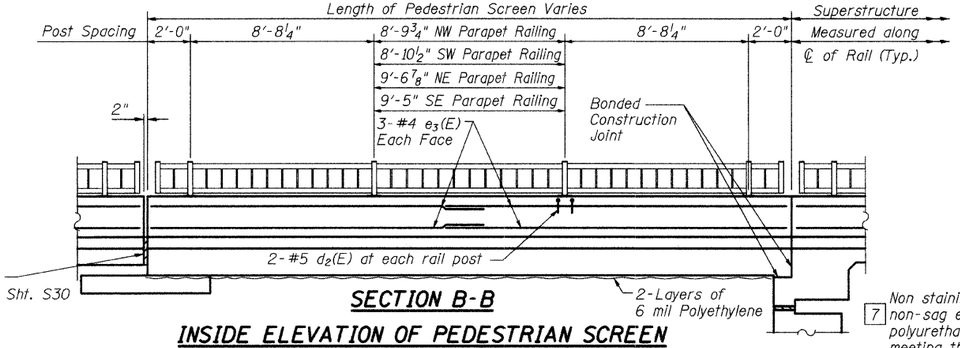
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	DUPAGE	106	50
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. S29 of S34 SHEETS

* 00-00116-00-BR



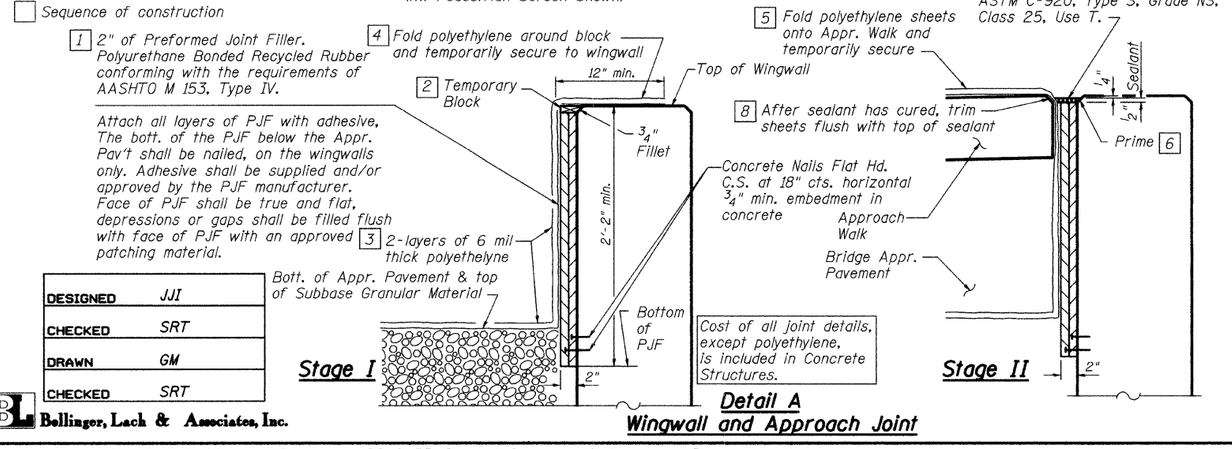
PLAN - APPROACH PAVEMENT & OFF-BRIDGE PEDESTRIAN SCREEN



SECTION B-B

INSIDE ELEVATION OF PEDESTRIAN SCREEN

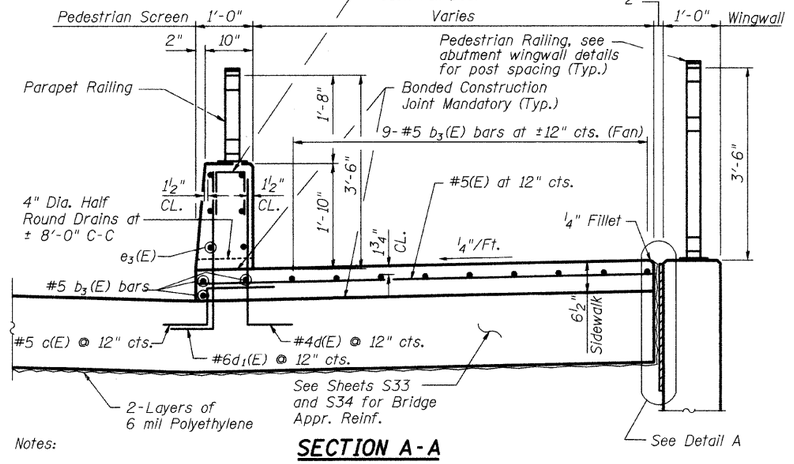
(NW Pedestrian Screen Shown)



Detail A
Wingwall and Approach Joint

DESIGNED	JJI
CHECKED	SRT
DRAWN	GM
CHECKED	SRT

Bollinger, Lach & Associates, Inc.



SECTION A-A

Notes:

1. All Reinforcement bars shall be Epoxy Coated.
2. For Sidewalk and Pedestrian Screen on approach slab, cost of sidewalk concrete and all reinforcement are included in "Bridge Approach Pavement (Special)" pay item. Concrete for Pedestrian Screen is included in pay item "Concrete Superstructure".
3. For Pedestrian and Parapet Railing Details not Shown see Railing Detail Sheets in Bridge Plans.
4. The Parapet Railing, furnished and installed on Bridge Approach Pavement Shall not be paid for separately but shall be included in the unit bid price for "Pedestrian Rail (Special)". See Sheets S19 and S21.
5. Transition bicycle lane cross slope from 2% to 1.5% off of Bridge Approach Pavement.
6. For bar details not shown, see sheet S11 of S34.
7. Protective Coat shall be applied to the roadway portion of the approach pavement and to the inside and top face of the pedestrian screen.

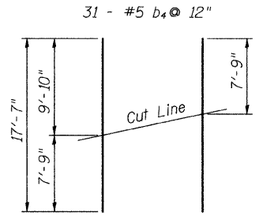
APPROACH PAVEMENT NOTES

The surface of the bridge approach pavement subbase shall be accurately constucted to the line and grade of the approach slab and a flat surface shall be maintained during construction until the slab is poured.

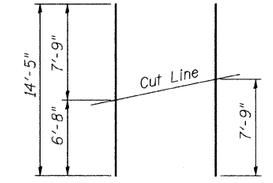
The finished surface of the subbase shall be covered with two (2) layers of polyethylene prior to placement of reinforcement. Minimum thickness of each sheet is 6 mils. If sheets must be spliced, the minimum lap shall be 18 inches. The two layers of 6 mil polyethylene shall be lap spliced on tap of the 10 mil polyethylene on the approach pavement concrete pad. The two layers of 6 mil polyethylene shall turn and run vertical at the wingwalls, see details. The cost of all polyethylene is included in Bridge Approach Pavement (Special).

The pour for the bridge approach pavement shall begin in the early morning only.

The pour for the bridge approach pavement shall begin at the end away from the abutment and progress towards the abutment.



FIELD CUTTING DIAGRAM b4



FIELD CUTTING DIAGRAM b5

TOTAL BILL OF MATERIAL

(Total for both Approaches)

Bar	No.	Size	Length (m)	Shape
b_3(E)	48	#5	29'-9"	—
b_4(E)	31	#5	17'-7"	—
b_5(E)	31	#5	14'-5"	—
c(E)	124	#5	2'-5"	⌐¬
d(E)	124	#4	3'-5"	⌐¬
d_1(E)	124	#6	3'-9"	⌐¬
d_2(E)	32	#4	2'-0"	⌐¬
e_3(E)	48	#4	15'-11"	—
Concrete Superstructure			Cu. Yd.	7.6
Bridge Approach Pavement (Special)			Sq. Yd.	348
Protective Coat			Sq. Yd.	284

APPROACH PAVEMENT DETAILS

JEFFERSON AVENUE OVER
WEST BRANCH DUPAGE RIVER
FAU 3570 SECTION 00-00116-00-BR
DUPAGE COUNTY
STA. 7+64.45
STRUCTURE NUMBER 022-6756