

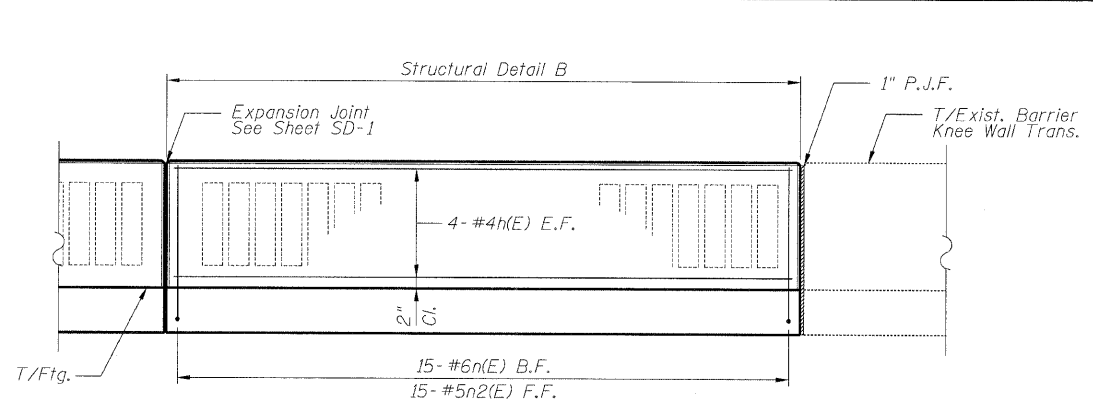
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	37	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62992	• (2323.6-2P&2324.6-1P1)			

DETAIL B REINFORCEMENT SCHEDULE AND BILL OF MATERIAL

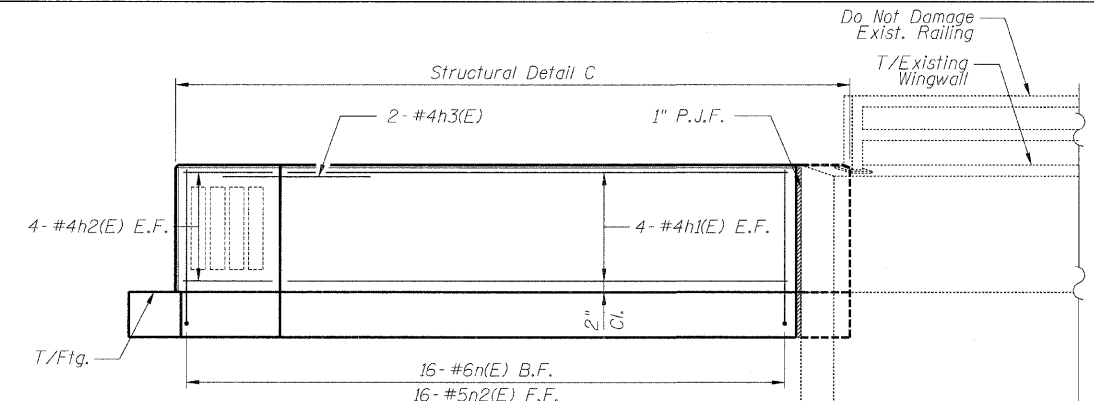
Bar	No.	Size	Length	Shape
h(E)	8	#4	13'-8"	—
n(E)	15	#6	5'-6"	L
n2(E)	15	#5	4'-0"	L
t(E)	15	#6	4'-8"	—
w(E)	4	#4	13'-10"	—
Item		Unit	Qty.	
①	Concrete Structures	Cu. Yd.	2.3	
②	Concrete Superstructure	Cu. Yd.	1.9	
	Reinforcement Bars, Epoxy Coated	Pound	410	
	Rustication Finish	Sq. Ft.	24	
	Protective Coat	Sq. Yd.	9	

DETAIL C REINFORCEMENT SCHEDULE AND BILL OF MATERIAL

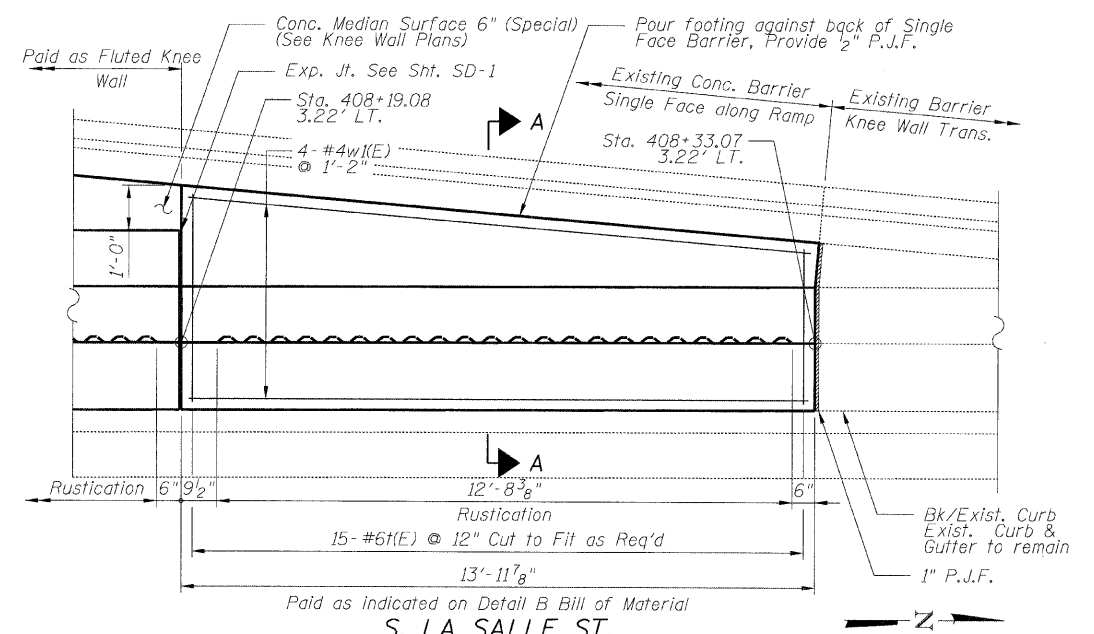
Bar	No.	Size	Length	Shape
h1(E)	8	#4	11'-9"	—
h2(E)	8	#4	2'-10"	—
h3(E)	2	#4	4'-0"	—
n(E)	16	#6	5'-5"	L
n2(E)	16	#5	4'-0"	L
t(E)	16	#6	3'-8"	—
w1(E)	4	#4	12'-10"	—
w2(E)	1	#4	1'-8"	—
w3(E)	1	#4	3'-10"	—
Item		Unit	Qty.	
①	Concrete Structures	Cu. Yd.	2.2	
②	Concrete Superstructure	Cu. Yd.	2.0	
	Reinforcement Bars, Epoxy Coated	Pound	410	
	Rustication Finish	Sq. Ft.	4	
	Protective Coat	Sq. Yd.	8	



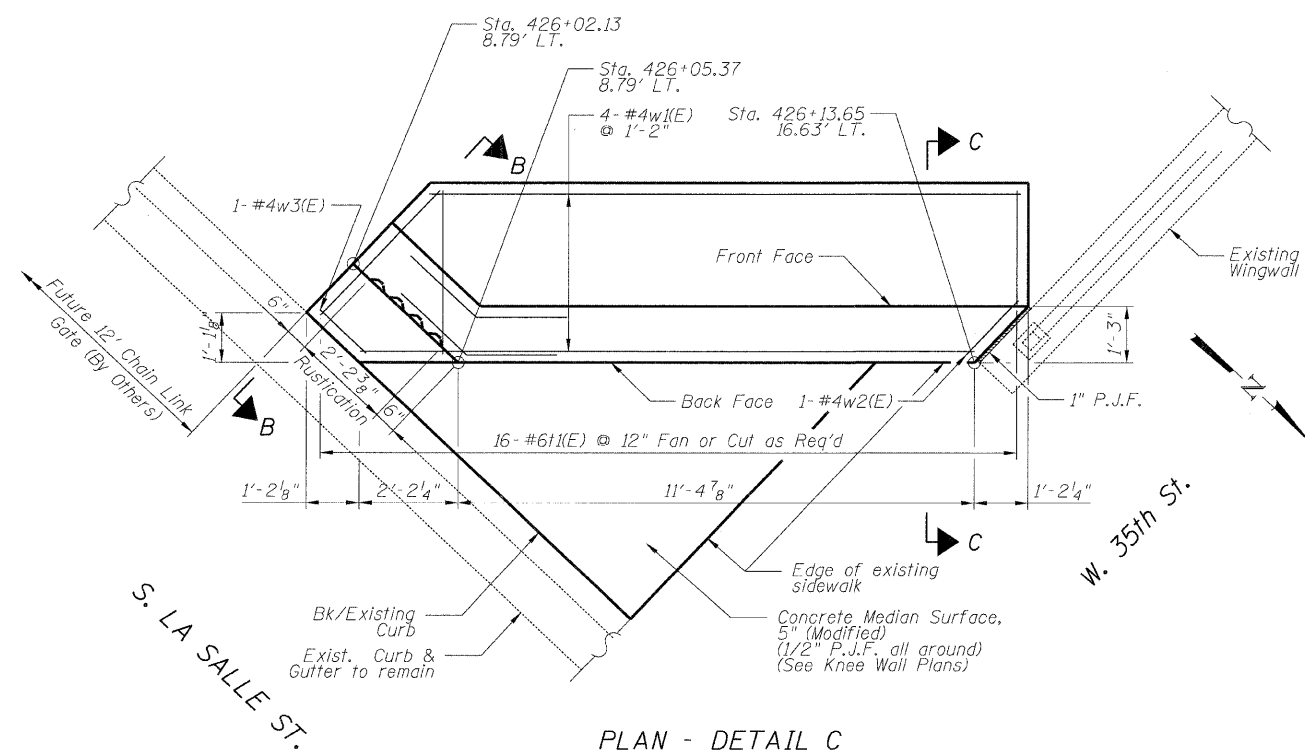
ELEVATION - DETAIL B



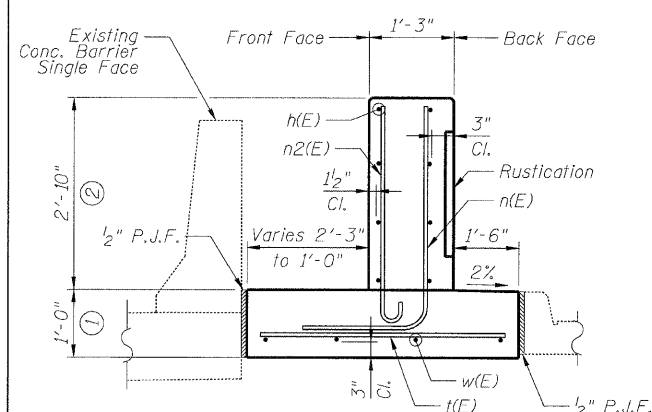
ELEVATION - DETAIL C



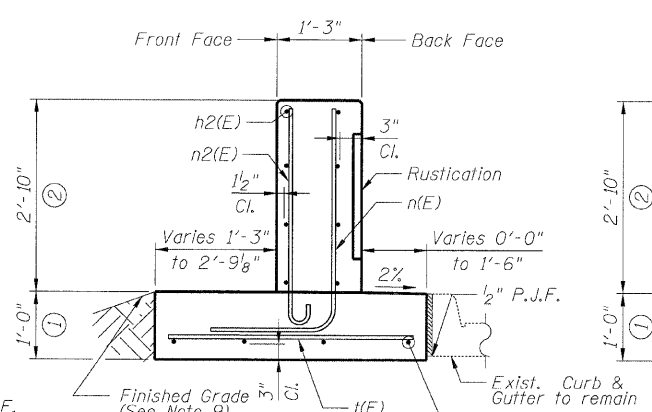
PLAN - DETAIL B



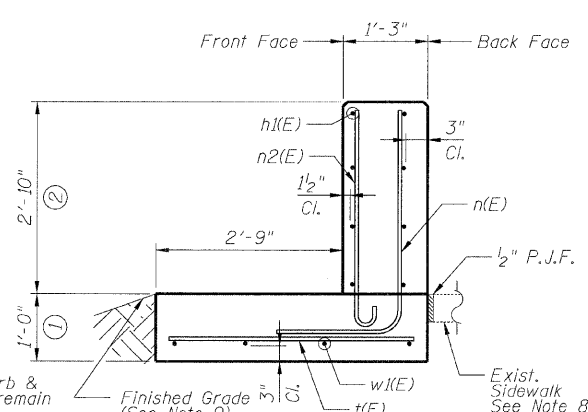
PLAN - DETAIL C



SECTION A-A



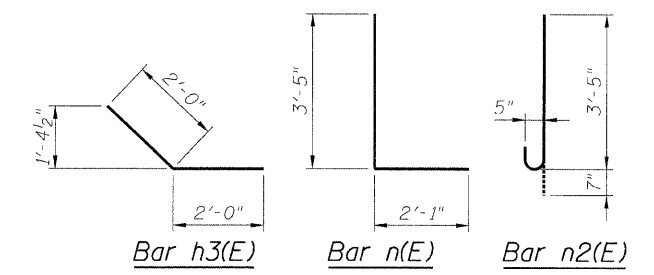
SECTION B-B



SECTION C-C

NOTES:

- All stations and offsets measured from S. La Salle St. \square .
- Concrete: $f'c = 3500$ psi
- Provide California Finish on top of Foundation between stem and Frontage Road. See Roadway Details.
- At locations where Fluted Knee Wall abuts a rigid Structure, a 1" thick Preformed Expansion Joint Filler conforming to the shape of the Structure shall be installed between the Wall and the Structure.
- Apply Protective Coat to top and front face of stem and top of Frontage Road side of Foundation.
- For Fluted Knee Wall standard details, see Sheet SD-1
- B.F. = Back Face (Frontage Road Side)
F.F. = Front Face (Expressway Side)
E.F. = Each Face
- Saw cut sidewalk along removal line full depth to provide neat line.
- Shape finished grade as required to match existing conditions.
- P.J.F. included in cost of concrete structures.



SHEET SD-3

REVISIONS	
NAME	DATE
REVISED	3-6-08

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 NORTHBOUND KNEE WALLS (PERSHING RD TO 35TH ST)
 DETAIL B & DETAIL C
 SCALE: N.T.S.
 DATE: 03/06/08
 DRAWN BY: PAH
 CHECKED BY: BLU

BOWMAN, BARRETT & ASSOCIATES INC
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

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