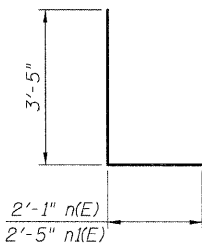


DETAIL B REINFORCEMENT
SCHEDULE AND
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	8	#4	19'-7"	
n(E)	21	#6	5'-6"	L
n(E)	21	#5	5'-10"	L
f(E)	21	#6	4'-8"	
w(E)	4	#4	19'-7"	
Item		Unit	Qty.	
① Concrete Structures		Cu. Yd.	3.4	
② Concrete Superstructure		Cu. Yd.	2.7	
Reinforcement Bars, Epoxy Coated		Pound	610	
Rustication Finish		Sq. Ft.	37	
Protective Coat		Sq. Yd.	14	

DETAIL C REINFORCEMENT
SCHEDULE AND
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	8	#4	17'-9"	
n(E)	19	#6	5'-6"	L
n(E)	19	#5	5'-10"	L
f(E)	19	#6	5'-1"	
w(E)	4	#4	17'-9"	
Item		Unit	Qty.	
① Concrete Structures		Cu. Yd.	3.2	
② Concrete Superstructure		Cu. Yd.	2.4	
Reinforcement Bars, Epoxy Coated		Pound	560	
Rustication Finish		Sq. Ft.	34	
Protective Coat		Sq. Yd.	13	



Bar n(E)
& n(E)

SHEET SD-3

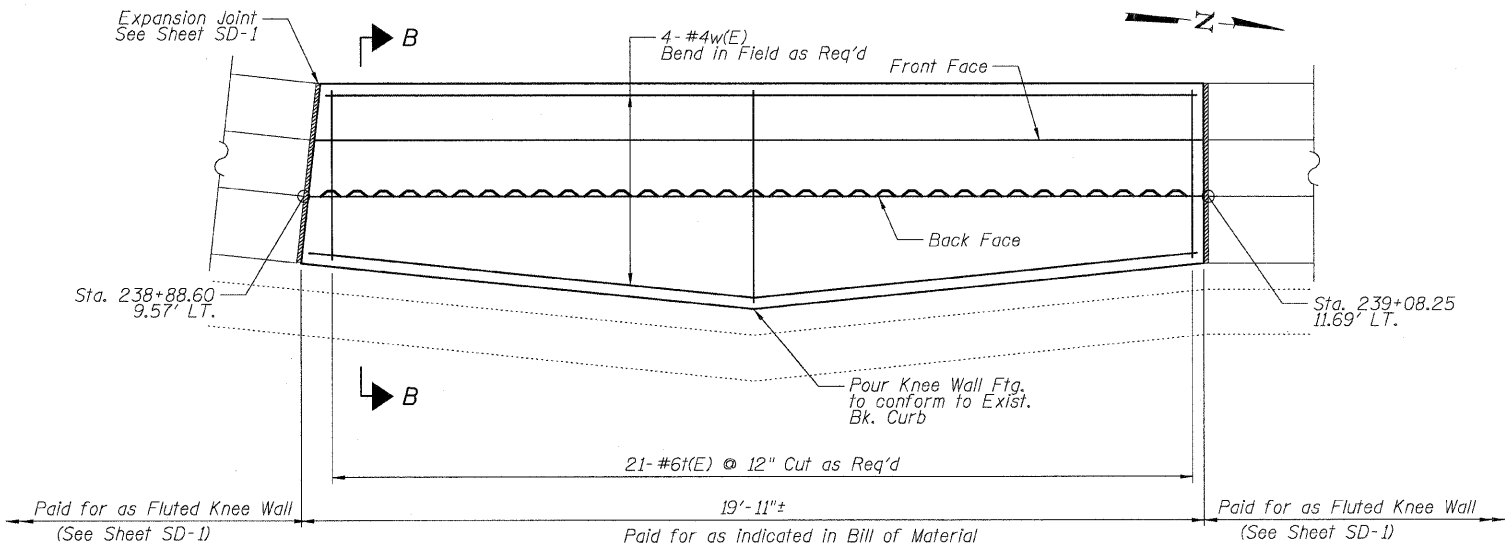
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NORTHBOUND KNEE WALLS (43RD ST TO ROOT ST)

DETAILS B & C

SCALE: NTS
DATE: 04/25/08

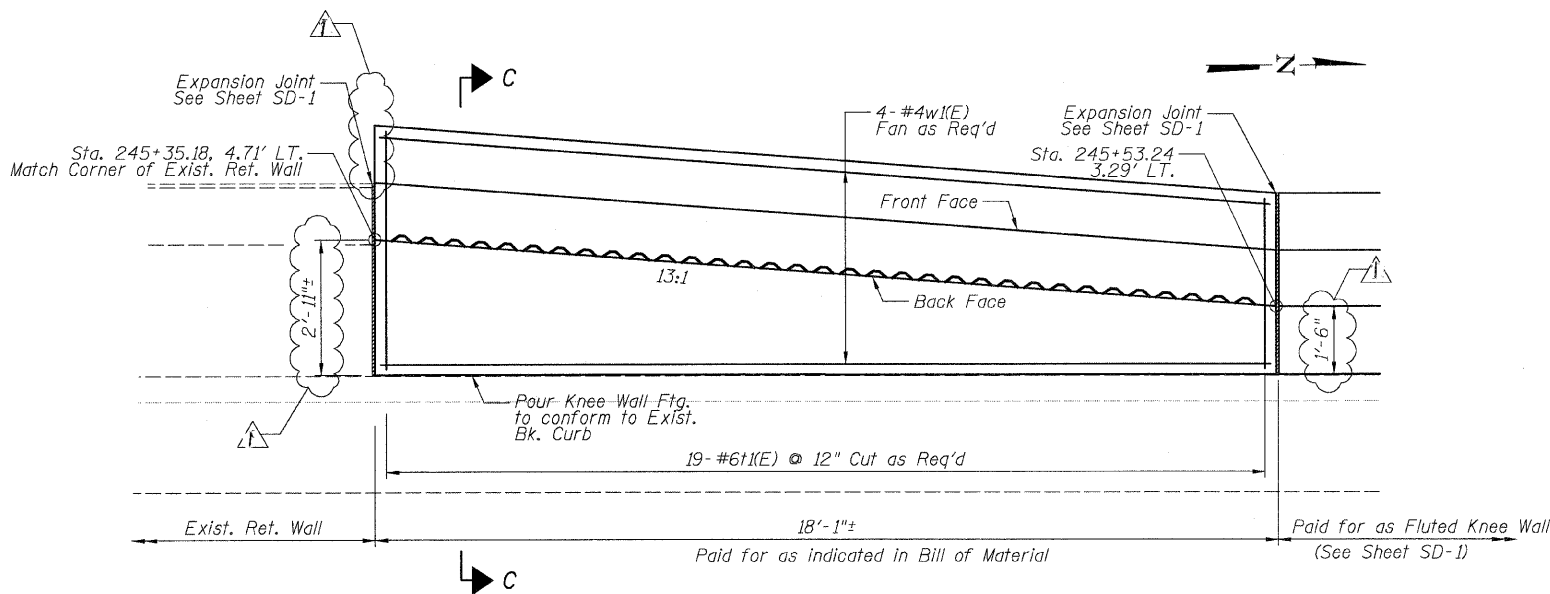
DRAWN BY: TL
CHECKED BY: BLU

REVISIONS	
NAME	DATE
ADDENDUM 1	7-16-08



S. LA SALLE ST.

DETAIL B



S. LA SALLE ST.

DETAIL C

NOTES:

- All stations and offsets measured from S. La Salle St. @.
- Back Face is face adjacent to Frontage Rd. and Front Face is face adjacent to Expressway.
- 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 1/2" thick Preformed Expansion Joint Filler conforming to the shape of the Structure shall be installed between the Fluted Knee Wall and the Structure.
- Apply Protective Coat to top and back 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
- Shape finished grade as required to match existing conditions.
- P.J.F. included in cost of concrete structures.

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