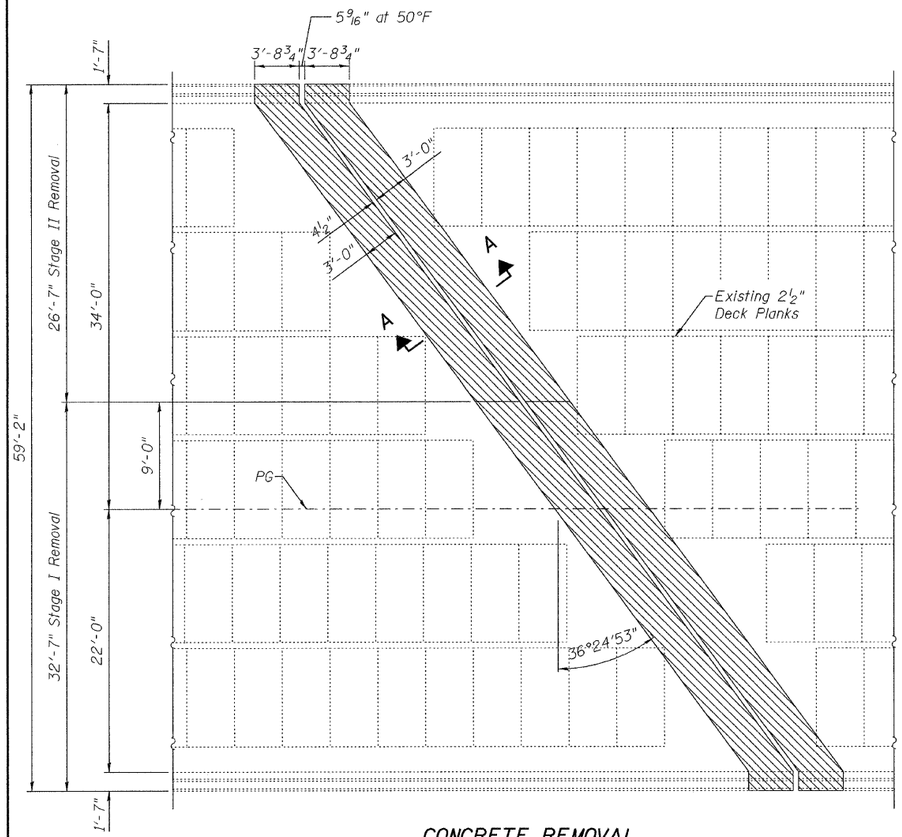
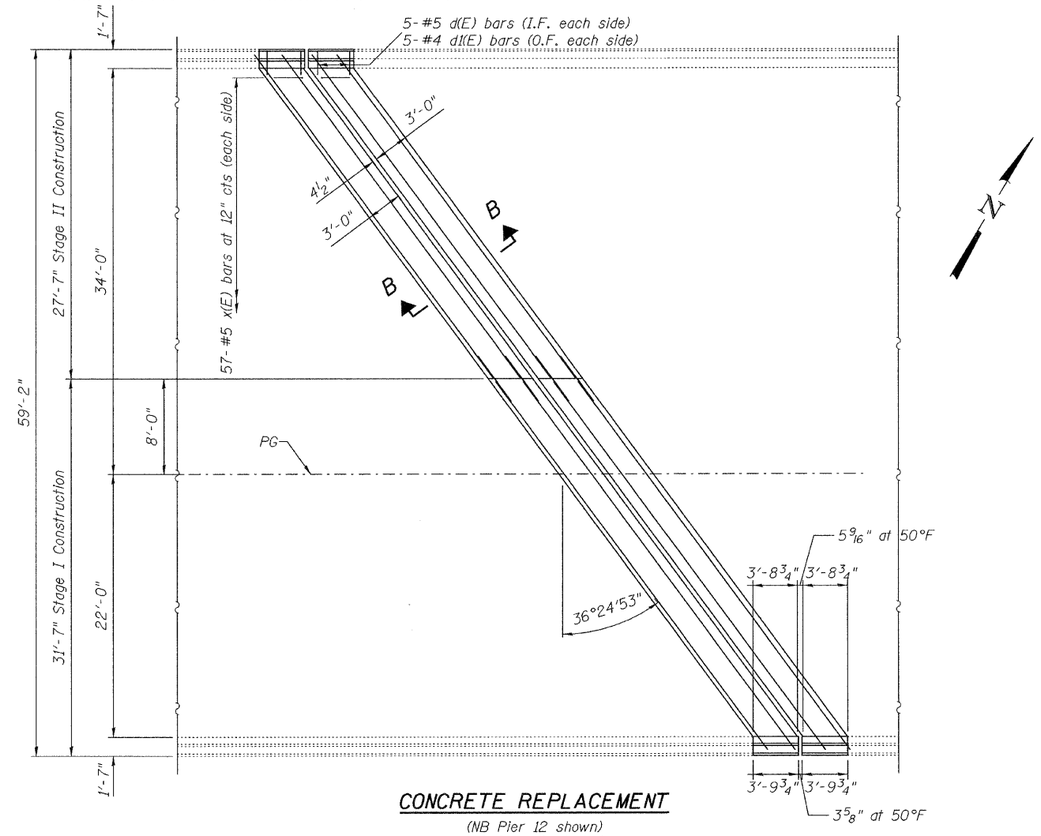
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



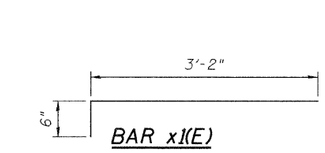
CONCRETE REMOVAL

(NB Pier 12 shown)
(SB Pier 12 similar)



CONCRETE REPLACEMENT

(NB Pier 12 shown)
(SB Pier 12 similar)



BAR x1(E)

SPAN 1 PARAPET REPAIR BILL OF MATERIAL

Bar	No.	Size	Length	Shape
e(E)	6	#4	7'-2"	——
e1(E)	6	#4	17'-4"	——
e2(E)	6	#4	13'-2"	——
e3(E)	2	#8	24'-9"	——
e4(E)	2	#5	24'-9"	——
e5(E)	2	#8	13'-3"	——
e6(E)	2	#5	13'-3"	——
Reinforcement Bars, Epoxy Coated			Pound	400
Concrete Superstructure			Cu. Yds.	4.0
Concrete Removal			Cu. Yds.	4.0

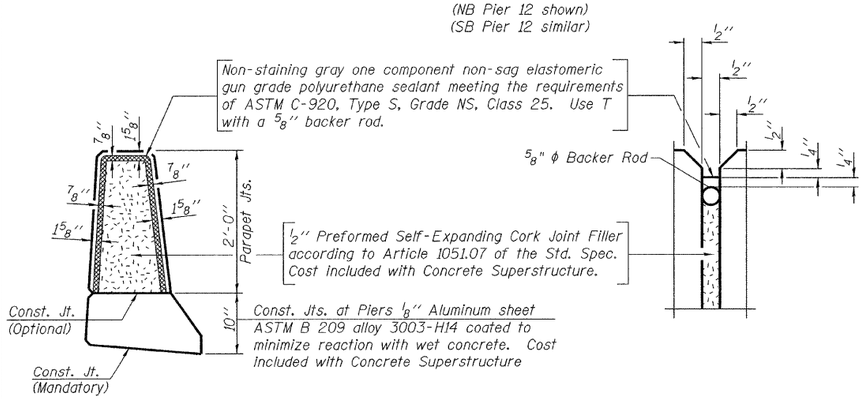
BOTH PIER 12 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a4(E)	14	#6	38'-8"	——
a5(E)	14	#6	33'-9"	——
d(E)	20	#4	4'-7"	L
d1(E)	20	#5	3'-3"	L
x1(E)	114	#5	3'-8"	——
Reinforcement Bars, Epoxy Coated			Pound	2090
Concrete Superstructure			Cu. Yds.	28.7
Concrete Removal			Cu. Yds.	31.2
Finger Plate Expansion Joint, 6"			Foot	139.0

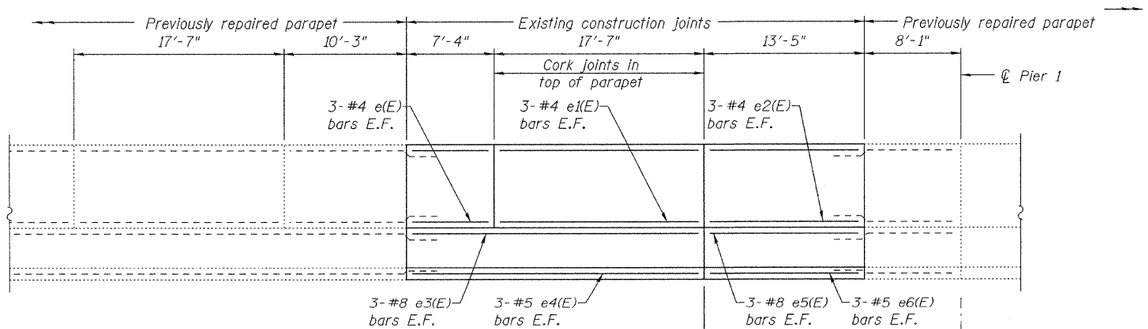
Bars indicated thus 4x2 - #5 etc. indicates 4 line of bars with 2 lengths per line.

See sheet 6 of 20 for Section A-A.

See sheet 14 of 20 for Section B-B.



PARAPET JOINT DETAILS



PARAPET REPAIR

(SB Span 1, South Parapet)
(Looking North)

PIER 12 & SPAN 1 CONCRETE REMOVAL & REPLACEMENT 082-0247 & 0248

DESIGNED	J. Uehle
CHECKED	A. Halloway
DRAWN	J. Uehle
CHECKED	A. Halloway

NOVEMBER 5, 2009
EXAMINED — ENGINEER OF STRUCTURAL SERVICES
PASSED — ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. 8	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
20 SHEETS	255	82-1HVB-I-1	ST. CLAIR	45	33
			CONTRACT NO. 76926		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		