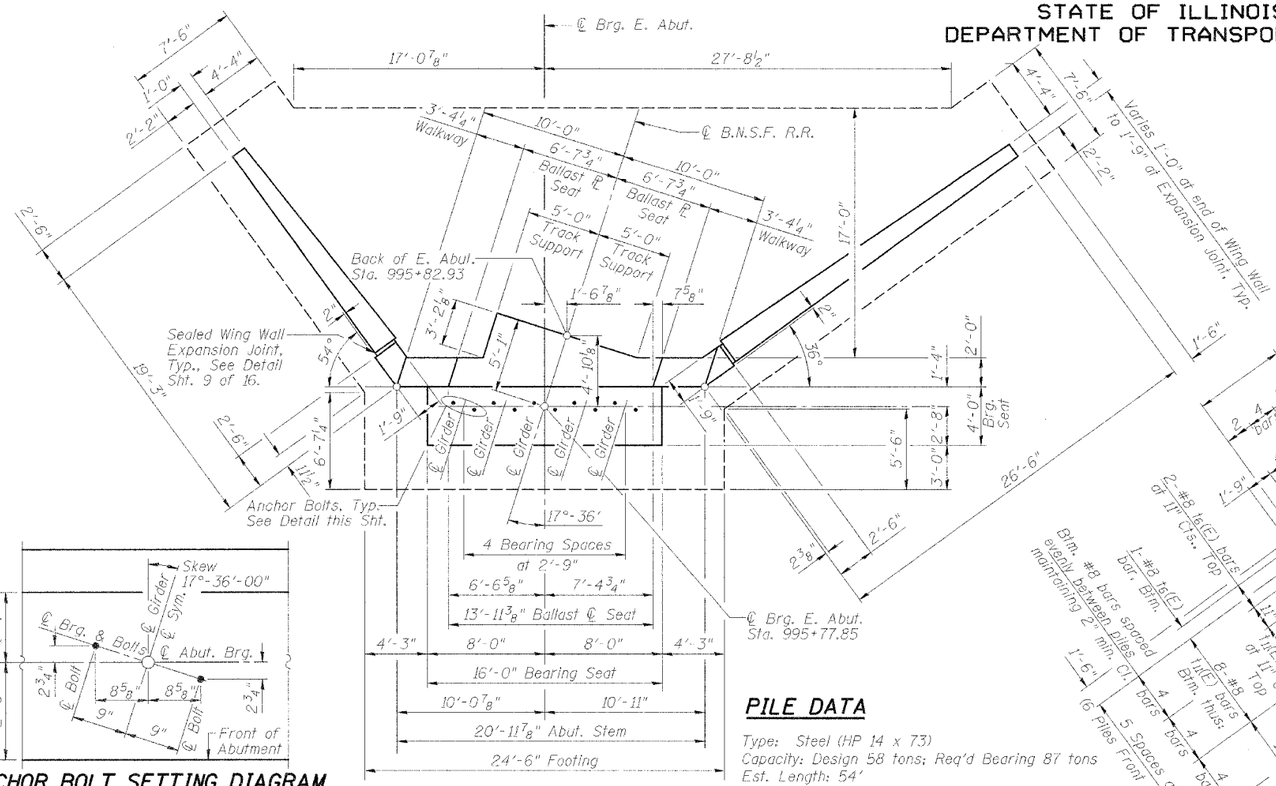
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	55-2	McDONOUGH	1025	511
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT-		

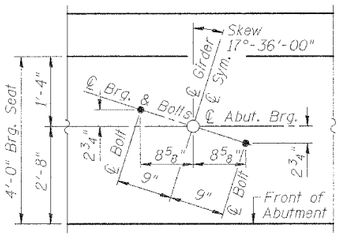
SHEET NO. 11
16 SHEETS

Contract # 68205

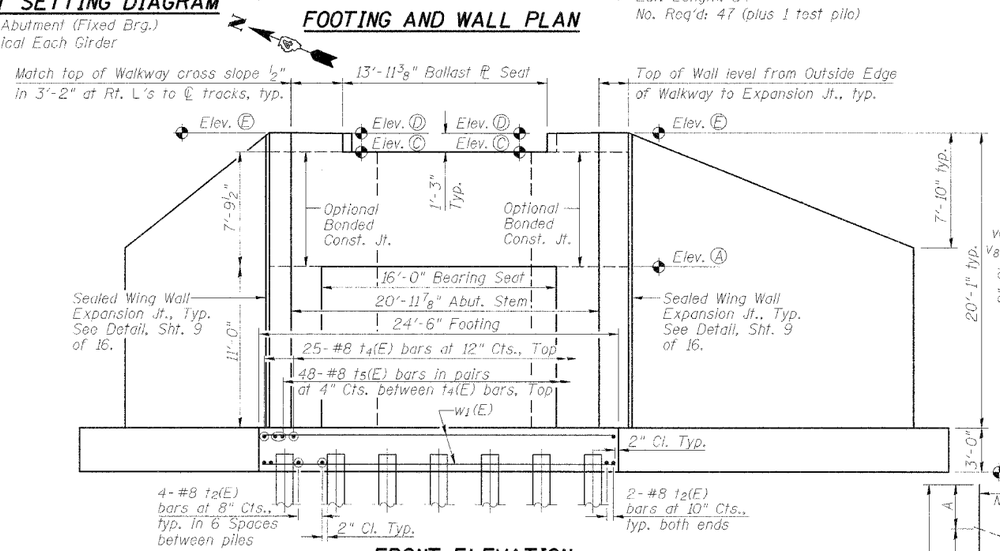


ANCHOR BOLT SETTING DIAGRAM

At East Abutment (Fixed Brg.)
Typical Each Girder



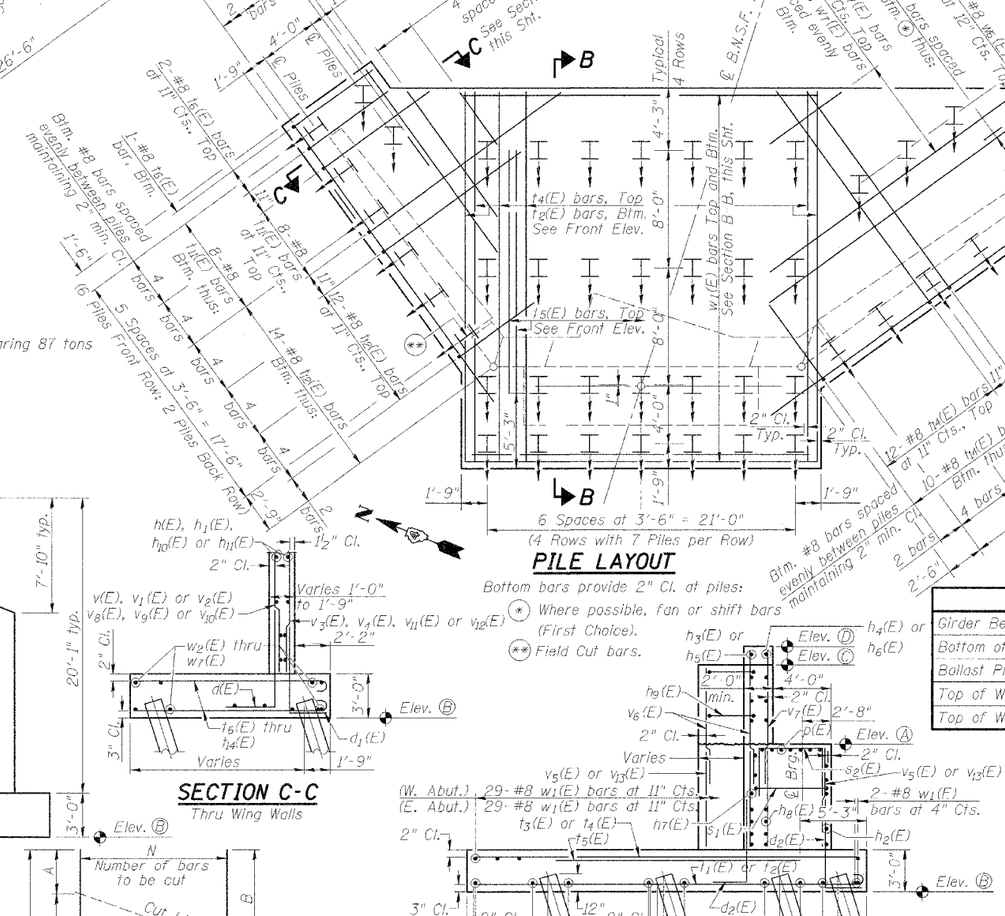
FOOTING AND WALL PLAN



FRONT ELEVATION

PILE DATA

Type: Steel (HP 14 x 73)
Capacity: Design 58 tons; Req'd Bearing 87 tons
Est. Length: 54'
No. Req'd: 47 (plus 1 test pile)



PILE LAYOUT

Bottom bars provide 2" Cl. at piles:
(*) Where possible, fan or shift bars (First Choice).
(**) Field Cut bars.

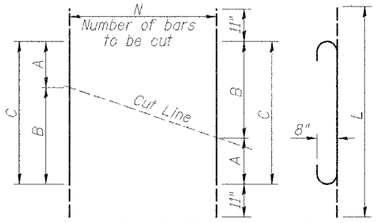
SECTION C-C

Thru Wing Walls

SECTION B-B

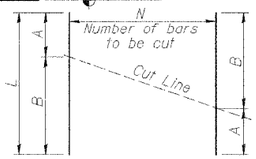
BENDING AND BAR CUTTING DIAGRAM

Order bars full length. Cut to fit. Use remainder to complete pattern with 2 x N bars.



BAR CUTTING DIAGRAM

Order bars full length. Cut to fit. Use remainder to complete pattern with 2 x N bars.



Bar	N (Top)	N (Btm.)	A	B	C	L
West Abut. t7(E)	4	4	7'-0"	15'-6"	22'-6"	24'-4"
t8(E)	7	7	5'-0"	14'-0"	19'-0"	20'-10"
t9(E)	9	8	7'-0"	18'-0"	25'-0"	26'-10"
t10(E)	5	5	5'-0"	17'-0"	22'-0"	23'-10"
East Abut. t11(E)	4	4	7'-6"	16'-6"	24'-0"	25'-10"
t12(E)	6	7	5'-0"	16'-6"	21'-6"	23'-4"
t13(E)	8	8	7'-6"	17'-6"	25'-0"	26'-10"
t14(E)	6	5	5'-0"	18'-0"	23'-0"	24'-10"

Notes:
1. Space reinforcement in cap to miss anchor bolts.
2. All edges shall have standard 3/4" chamfers except as noted.
3. Reinforcement bars designated (E) shall be epoxy coated.

Bar	N (Top)	N (Btm.)	A	B	L
West Abut. w2(E)	4	4	15'-0"	24'-0"	39'-0"
w3(E)	2	2	5'-0"	11'-0"	16'-0"
w4(E)	4	4	26'-6"	32'-6"	59'-0"
w5(E)	4	4	8'-0"	25'-0"	34'-0"

Bar	N (Top)	N (Btm.)	A	B	L
East Abut. w2(E)	4	4	15'-0"	24'-0"	39'-0"
w3(E)	4	4	5'-0"	11'-0"	16'-0"
w6(E)	4	4	26'-6"	31'-0"	57'-6"
w7(E)	4	4	6'-6"	21'-6"	28'-0"

TABLE OF ELEVATIONS

Location	Elev. Point	E. Abut.
Girder Bearing Seat	Ⓐ	683.49
Bottom of Footing	Ⓑ	669.49
Ballast Plate Seat (Top of Girder)	Ⓒ	691.28
Top of Walkway (Inside Edge)	Ⓓ	692.53
Top of Walkway (Outside Edge)	Ⓔ	692.57

EAST ABUTMENT DETAILS
BURLINGTON NORTHERN SANTA FE RAILROAD OVER RAMP I
F.A.P. ROUTE 315 SECT. 55-2
McDONOUGH COUNTY
STATION 21+61.48
STRUCTURE NO. 055-9902
B.N.S.F. LINE SEGMENT 0011
B.N.S.F. BRIDGE NO. 206.13

DESIGNED	PJL
CHECKED	WDL
DRAWN	MGM
CHECKED	PJL

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