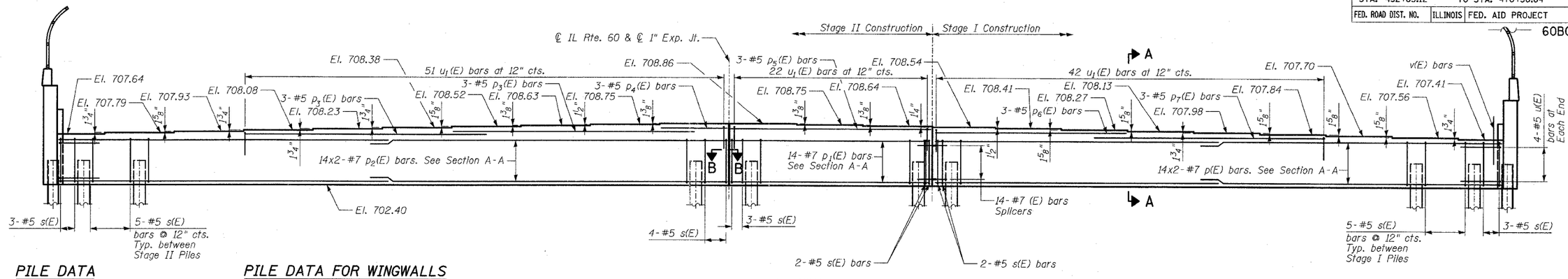
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	274
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01



ELEVATION

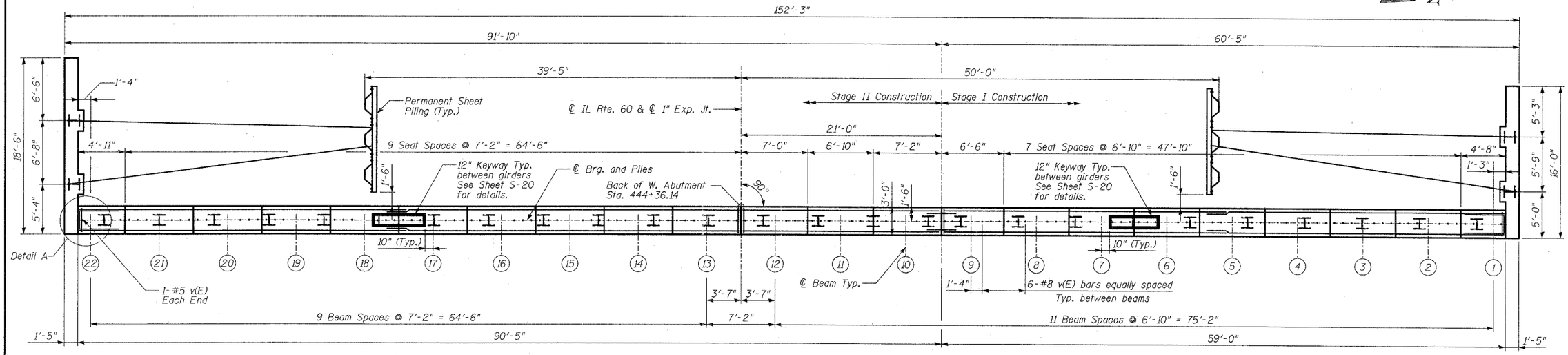
(Looking West)

PILE DATA

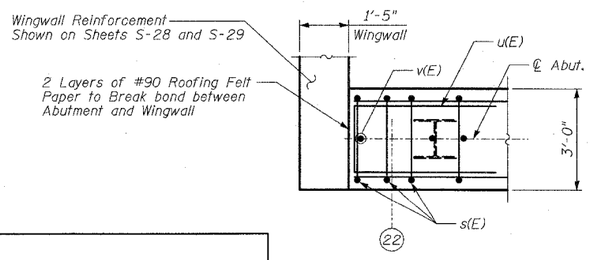
Type: Steel HP 14x73
Nominal Required Bearing: 480 Kips
Allowable Resistance Available: 160 Kips
Estimated Length: 52'-6" Ft
No. Production Piles: 25
No. Test Piles: 1

PILE DATA FOR WINGWALLS

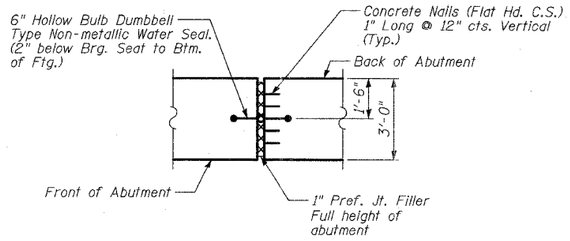
Type: Steel HP 14x73
Nominal Required Bearing: 480 Kips
Allowable Resistance Available: 160 Kips
Estimated Length: 52'-0" Ft
No. Production Piles: 4
No. Test Piles: 0



PLAN



DETAIL A



SECTION B-B

Cost of Water Seal included in the cost of Concrete Structures.

MINIMUM BAR LAPS

(Abutments)

Bar	Lap
#5	2'-2"
#7	4'-10"

NOTES

1. Pour steps monolithically with cap.
2. For Pile Layout and Spacing See Sheet S-3.
3. See Sheet S-29 for Section A-A.
4. V(E) bars shall be cast in place and not mucked-in after the pile cap is placed.
5. See Sheet S-20 for Keyway details.

TYLIN INTERNATIONAL

REVISIONS NAME	DATE

SHEET S-27 OF S-53

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT

ILLINOIS 60 OVER I-94
F.A.P. RTE. 335 SECTION 119R-2
LAKE COUNTY STA. 445+54.14
S.N. 049-2012 ISTHA BRIDGE NO. 407

SCALE:
DATE: MAY 8, 2007

DESIGNED BY: TB
DRAWN BY: TB
CHECKED BY: SP

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