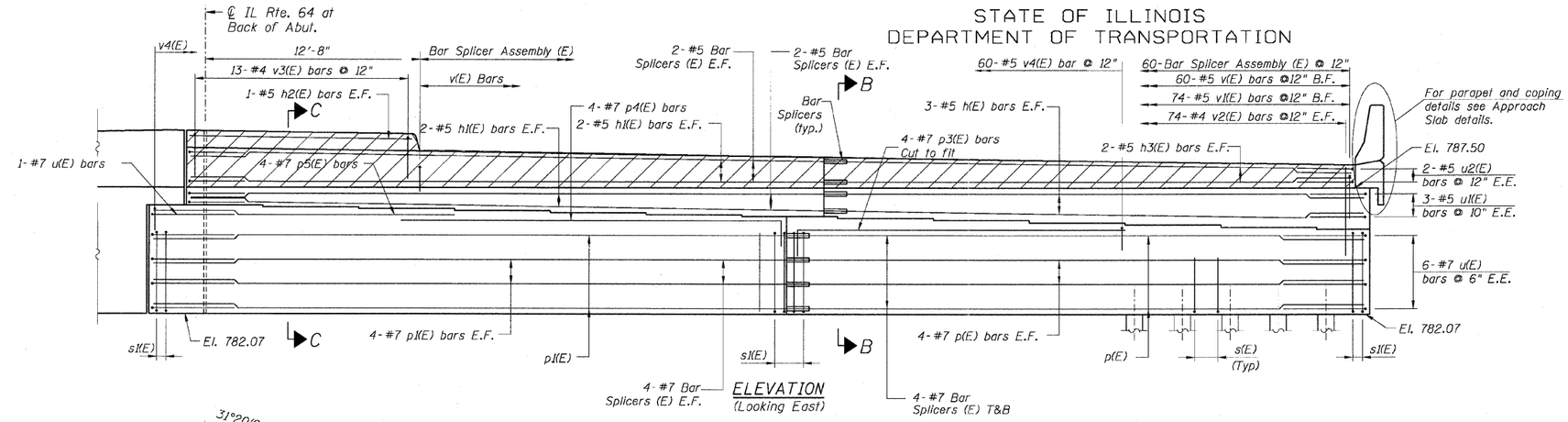
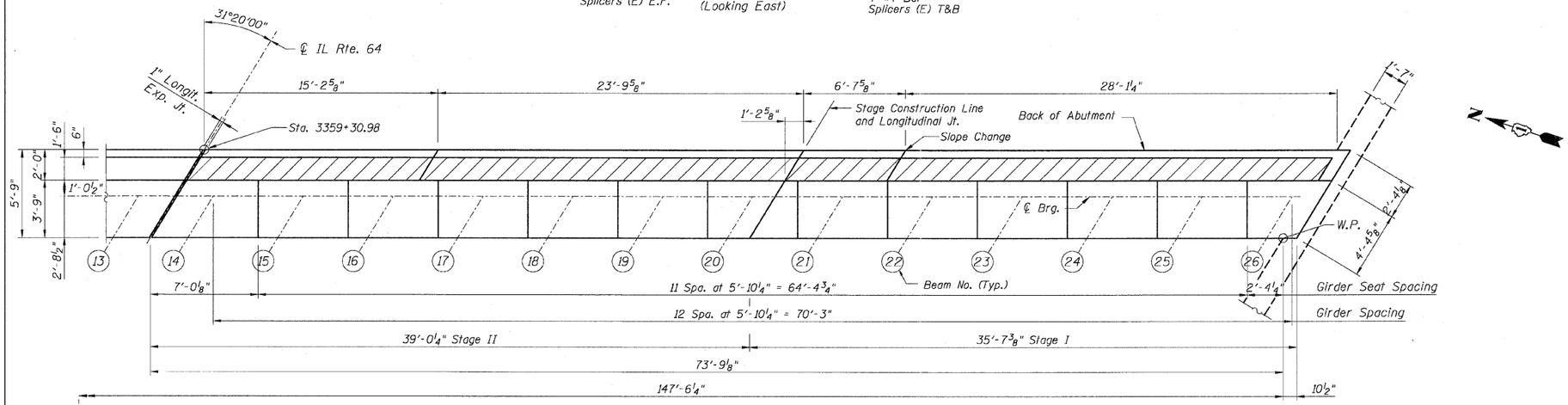
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	483
STA. 3356+37.74		TO STA. 3359+24.72		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

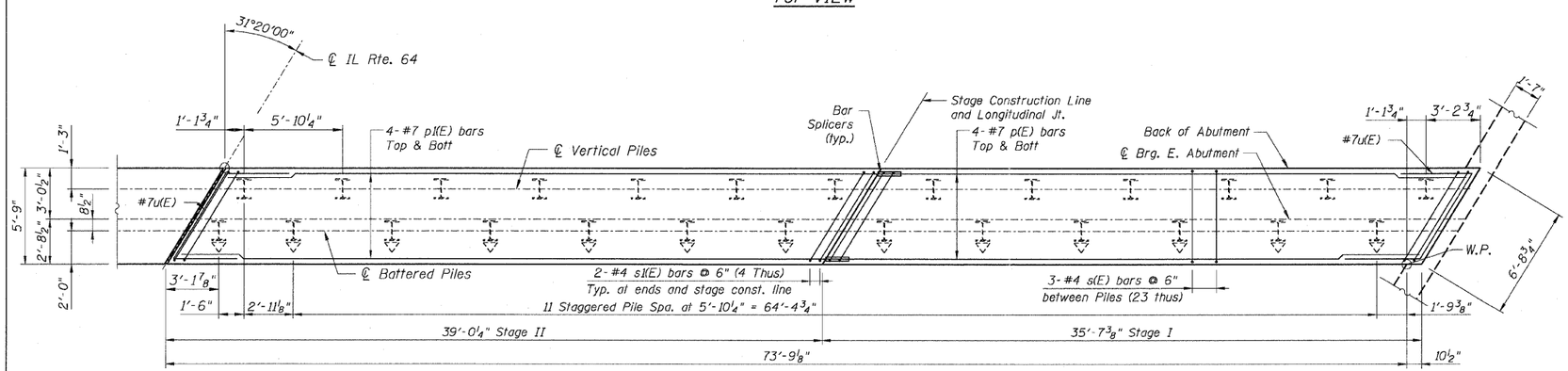
62410



ELEVATION
(Looking East)



TOP VIEW



PLAN-PILE CAP
(East Bound)

PILE DATA:

Type: Steel HP 14x73 w/ Pile Shoes
Nominal Required Bearing: 240 Kips
Factored Resistance Available: 120 Kips
Est. Length: 75'
Piles Required: 26

Denotes Vertical Pile

Denotes Battered Pile

BEARING SEAT ELEVATIONS		
Beam No.	℄ Brg.	Step Height
14	787.03	1 1/4"
15	786.92	1 1/4"
16	786.81	1 3/8"
17	786.70	1 3/8"
18	786.59	1 3/8"
19	786.48	1 3/8"
20	786.37	1 3/8"
21	786.25	1 1/2"
22	786.13	1 5/8"
23	785.99	1 5/8"
24	785.85	1 5/8"
25	785.71	1 3/4"
26	785.57	--

NOTES:

1. In areas of existing embankment, piles shall be driven through 18 in. diameter precored holes extending to elevation 760.00.

   If piles are driven prior to installation of new embankment, piles shall be driven through 18 in. diameter precored holes extending to elevation 745.00.

   Precored holes shall be constructed in accordance with Article 512.09(c) of the Standard Specifications. Cost included in Driving Piles.

2. For Expansion Joint details see Sheet B41.
3. See Sheet B51 for HP Pile Encasement.
4. Hatched area to be poured after Superstructure falsework has been removed. Concrete quantity is included with Concrete Superstructure.
5. Pour steps monolithically with cap.
6. Space reinforcement to miss anchor bolts.
7. Concrete Sealer shall be applied to the area of the bearing seats, backwall, and the exposed portion of the abutment pile caps.
8. Work sheets B37 thru B41 together.

AECOM

REVISIONS	
NAME	DATE

F.A.P. ROUTE 307 ILLINOIS ROUTE 64
(NORTH AVENUE)
OVER E.J.&E. AND U.P. R.R.

EAST ABUTMENT (EB) PLANS AND ELEVATION

STRUCTURE NUMBER 022-0190
FAP 307 SECTION 130 R-2
DUPAGE COUNTY
STA. 3357+81.21

SCALE: None DRAWN BY: CHD
DATE: MAY 13, 2011 CHECKED BY: MJP