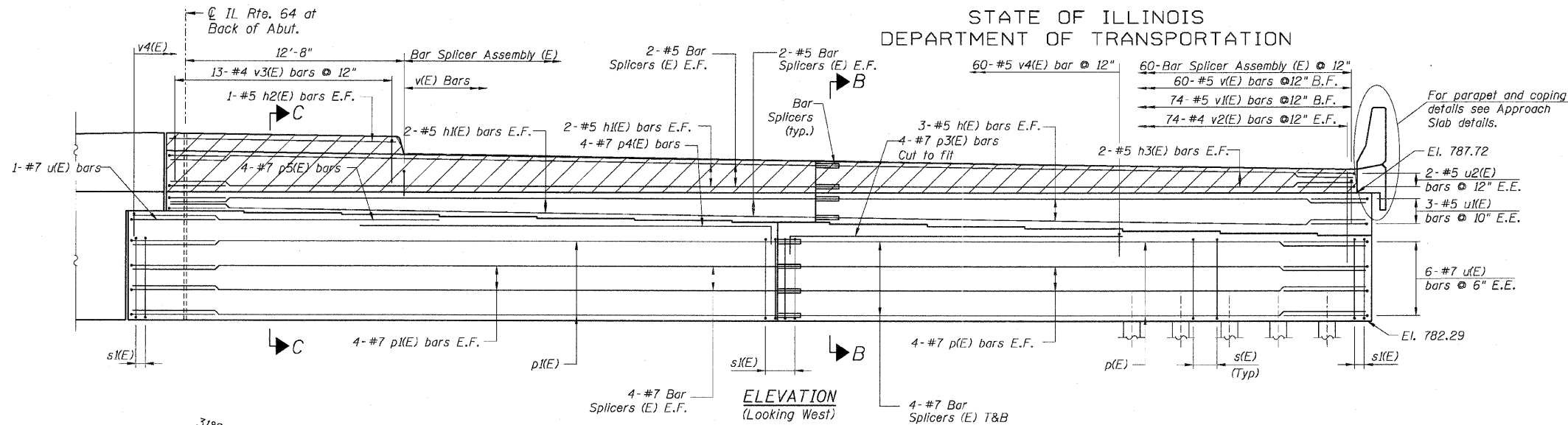


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	481
STA. 3356+37.74		TO STA. 3359+24.72		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

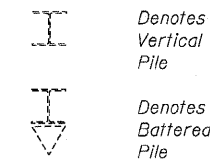
62410



Beam No.	℄ Brg.	Step Height
1	785.79	--
2	785.92	1 5/8"
3	786.06	1 5/8"
4	786.20	1 5/8"
5	786.31	1 1/4"
6	786.43	1 1/2"
7	786.54	1 3/8"
8	786.65	1 1/4"
9	786.76	1 1/4"
10	786.87	1 1/4"
11	786.97	1 1/4"
12	787.08	1 1/4"
13	787.19	1 1/4"

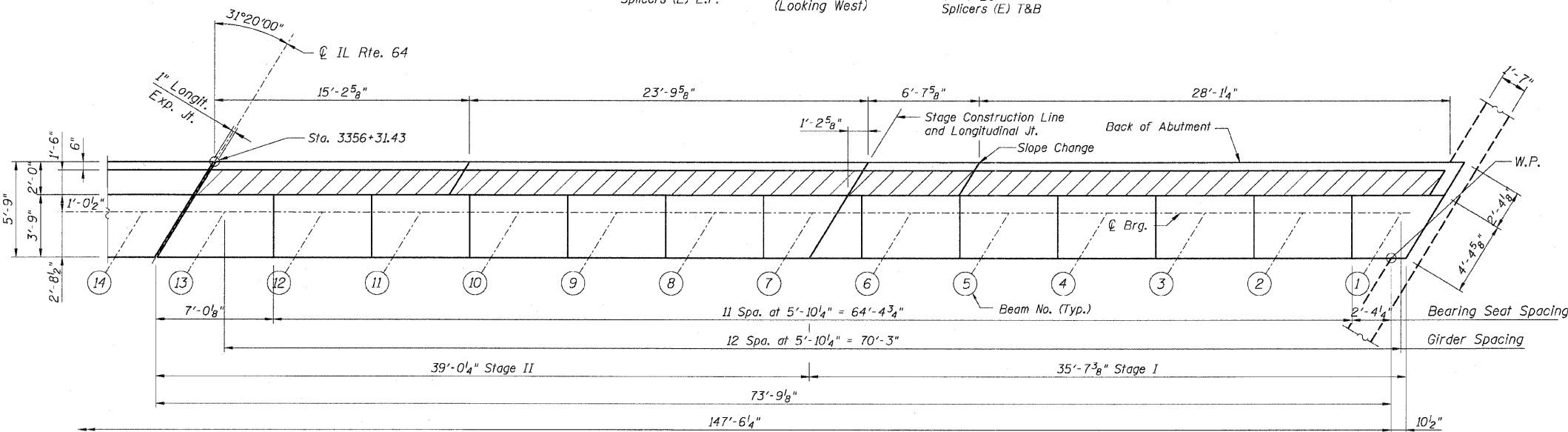
PILE DATA:

Type: Steel HP 14x73 w/ Pile Shoes
 Nominal Required Bearing: 240 Kips
 Factored Resistance Available: 120 Kips
 Est. Length: 62'
 Piles Required: 25
 Test Piles: 1

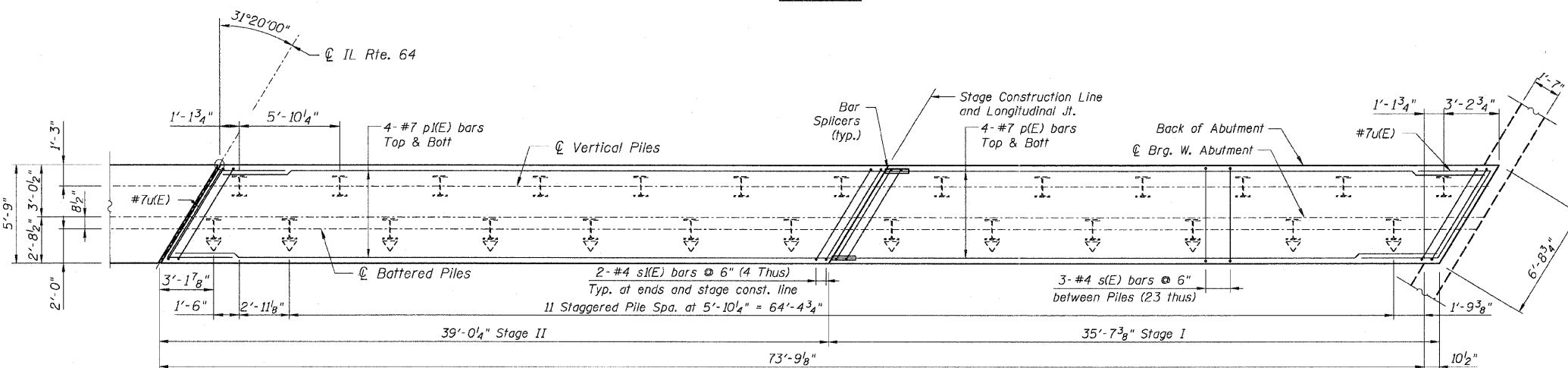


NOTES:

- In areas of existing embankment, piles shall be driven through 18 in. diameter precored holes extending to elevation 760.00 according to Article 512.09(c) of the Standard Specifications. Cost included in Driving Piles.
- For Expansion Joint details see Sheet B41.
- See Sheet B51 for HP Pile Encasement.
- Hatched area to be poured after Superstructure falsework has been removed. Concrete quantity is included with Concrete Superstructure.
- Pour steps monolithically with cap.
- Space reinforcement to miss anchor balls.
- Concrete Sealer shall be applied to the area of the bearing seats, backwall, and the exposed portion of the abutment pile caps.
- Work sheets B37 thru B41 together.



TOP VIEW



PLAN-PILE CAP
 (West Bound)



REVISIONS	
NAME	DATE

F.A.P. ROUTE 307 ILLINOIS ROUTE 64
 (NORTH AVENUE)
 OVER E.J.&E. AND U.P. R.R.
 WEST ABUTMENT (WB) PLANS AND ELEVATION
 STRUCTURE NUMBER 022-0190
 FAP 307 SECTION 130 R-2
 DUPAGE COUNTY
 STA. 3357+81.21
 SCALE: None
 DATE: MAY 13, 2011
 DRAWN BY: CHD
 CHECKED BY: MJP