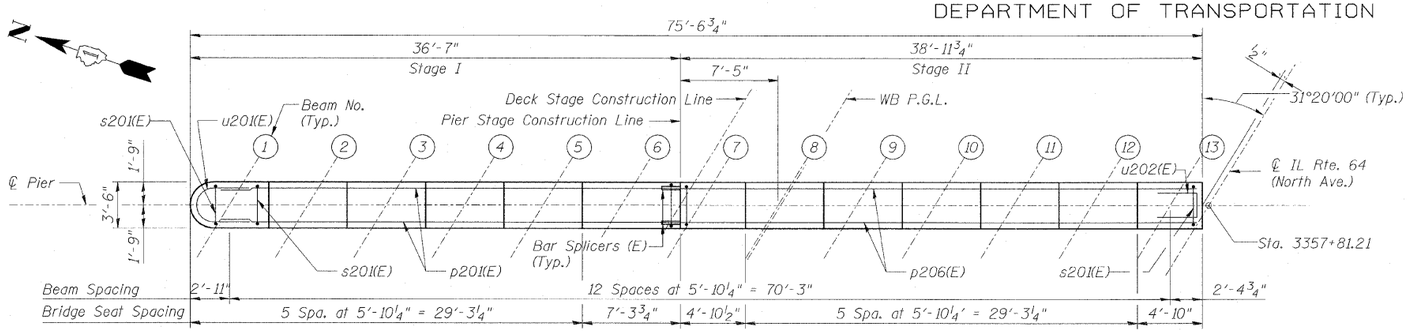
12/15/2011 4:25:48 PM
P:\P40567\P40567\Struct\Sht\Bridge\S45_022-0190-bridge.sht

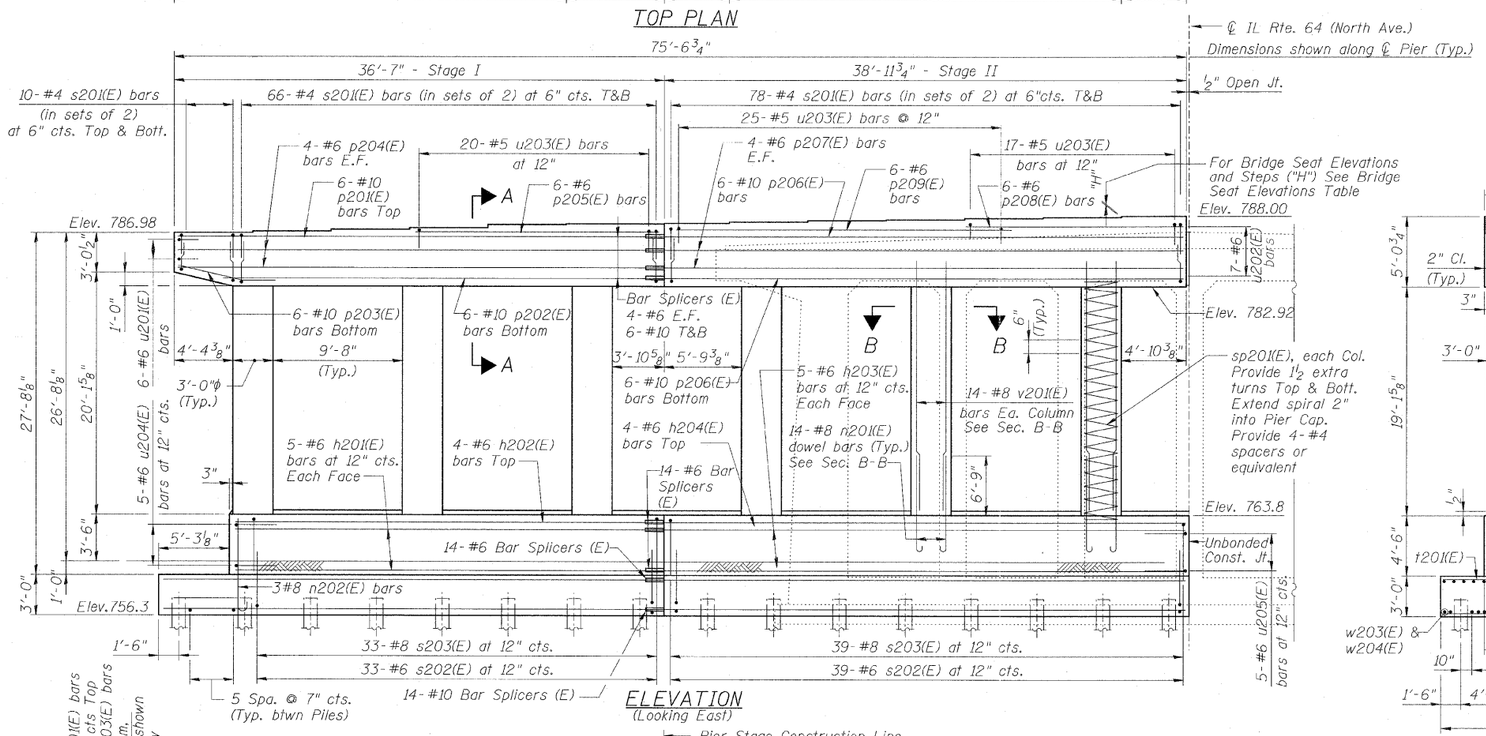
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	488
STA. 3356+37.74	TO STA. 3359+24.72			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

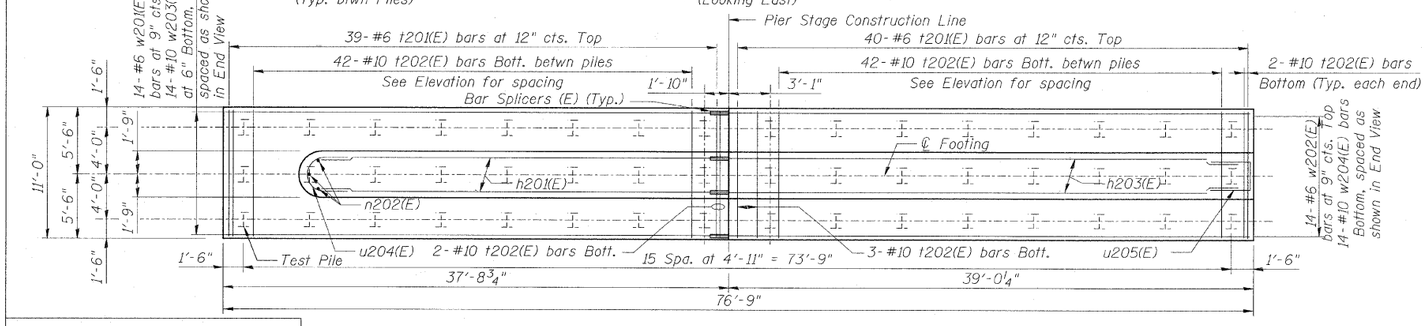
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TOP PLAN



ELEVATION
(Looking East)

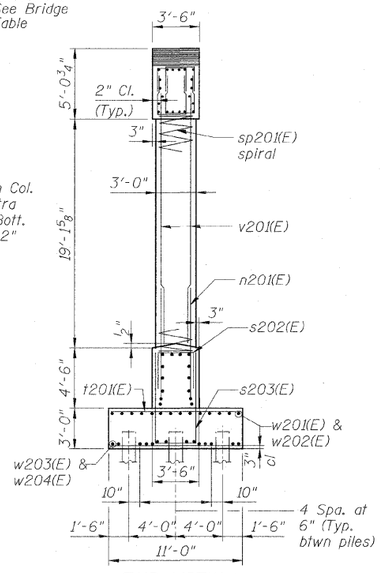


FOOTING PLAN

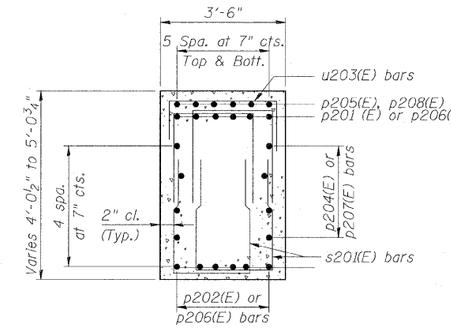
PILE DATA:

Type: Steel HP 14x73 w/ Pile Shoes
Nominal Required Bearing: 240 Kips
Factored Resistance Available: 120 Kips
Est. Length: 45'
Piles Required: 47
Test Piles: 1

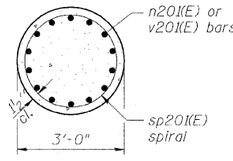
BEARING SEAT ELEVATIONS		
Beam No.	℄ Brg.	Step "H"
1	786.98	---
2	787.08	1 1/4"
3	787.19	1 1/4"
4	787.29	1 1/4"
5	787.38	1"
6	787.47	1 1/8"
7	787.55	1"
8	787.63	7/8"
9	787.70	1"
10	787.78	7/8"
11	787.85	7/8"
12	787.93	7/8"
13	788.00	1"



END VIEW



SECTION A-A



SECTION B-B

NOTES:

1. Reinforcement Bars designated (E) shall be epoxy coated.
2. Bars indicated thus 26x7-#5 etc. indicates 26 lines of bars with 7 lengths per line.
3. See Sheet B47 for Details and Bill of Material.
4. Work Sheets B45 thru B47 together.

REVISIONS NAME	DATE

F.A.P. ROUTE 307 ILLINOIS ROUTE 64
(NORTH AVENUE)
OVER E.J.&E. AND U.P. R.R.
WB PIER 2
PLANS & ELEVATION
STRUCTURE NUMBER 022-0190
FAP 307 SECTION 130 R-2
DUPAGE COUNTY
STA. 3357+81.21

SCALE: None DRAWN BY: CHD
DATE: NOVEMBER 1, 2011 CHECKED BY: MJP

AECOM