



PIER NO. 13- ELEVATION VIEW
LOOKING NORTH

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|--|---------|----------|
| Structural Repair of Concrete (Depth equal to or less than 5") | SQ. FT. | 100.0 |
| Temporary Shoring and Cribbing | EACH | 3 |

REACTION TABLE

| PIER 13 | SPAN 14 | SPAN 13 |
|-----------------|-------------|------------|
| Reaction DL | 48.2 kips | 22.7 kips |
| Reaction SDL | 9.2 kips | 4.3 kips |
| Reaction LL | 48.0 kips | 39.5 kips |
| Reaction Impact | 12.43 kips | 11.85 kips |
| Reaction Total | 117.83 kips | 78.35 kips |

— Structural Repair of Concrete (Depth equal to or less than 5")

— Temporary Shoring and Cribbing

NOTES: Beams are numbered from East to West end of the Pier.

| | | | | | | | | | | |
|--------------------------------------|--------------------|-----------------|-----------|---|--|---------------------------|-------------|--------------|--------------|-----------|
| FILE NAME = | USER NAME = curryw | DESIGNED - ARP | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-9094 OVER ASHLAND AVE. (SN 016-0133) SUBSTRUCTURE REPAIRS | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\curryw\d2283496\01628 | 11-shit-plan.dgn | DRAWN - ARP | REVISED - | | | 90/94 | 2011-068-BR | COOK | 21 | 17 |
| PLOT SCALE = 3/4" = 1' - 0" | | CHECKED - AM | REVISED - | | | CONTRACT NO. 60P87 | | | | |
| PLOT DATE = 1/19/2012 | | DATE - 12/22/11 | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | | SCALE: 1" = 10' - 0" | | SHEET 7 OF 8 SHEETS | | STA. TO STA. | | |

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