

62580

RAMP D

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|------------------|-----------|--------|------|-----|
| ROUTE NO. | NO. | LENGTH | DATE | BY |
| F.A.I. 94 | 2003-028F | COOK | 152 | 188 |
| 777 ROAD DIV. 62 | | | | |

| SPAN | GIRDER | SOUTH END DATA | | | NORTH END DATA | | | GIRDER DIMENSIONS | | | | | FLANGE PLATES | | | | | | SHEAR CONNECTOR SPACINGS | | | | INTERIOR WEB STIFFENER SPACINGS | | | REMARKS | | | | |
|------|--------|----------------|-----------|-------------|----------------|-----------|-------------|-------------------|--------|---------|---------------|-------------------|-------------------|--------------|------------|------------|------------|------------|--------------------------|------------|--------|-------------|---------------------------------|--------|--------|---------|-------------|--------|--------|--------|
| | | S | ELEVATION | ANGLE | N | ELEVATION | ANGLE | LENGTH % BRGS. | A | B | C | Δ (1) CONCRETE | Δ (2) CONCRETE | WEB PLATE | 1 | 2 | 3 | 4 | 5 | 6 | CAMBER | a | b | c | d | | e | f | g | GIRDER |
| D | 00-1 | 0'-6 1/2" | 51.08 | 08'-22'-00" | 0'-6 1/2" | 50.82 | 08'-22'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .107 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-1 |
| | 00-2 | 0'-6 1/2" | 51.01 | 08'-22'-00" | 0'-6 1/2" | 50.84 | 08'-22'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .107 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-2 |
| | 00-3 | 0'-6 1/2" | 51.33 | 08'-22'-00" | 0'-6 1/2" | 50.88 | 08'-22'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .107 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-3 |
| | 00-4 | 0'-6 1/2" | 51.19 | 08'-22'-00" | 0'-6 1/2" | 50.93 | 08'-22'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .106 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-4 |
| D | 00-1 | 0'-6 1/2" | 50.58 | 08'-00'-00" | 0'-6 1/2" | 49.98 | 08'-00'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .106 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-1 |
| | 00-2 | 0'-6 1/2" | 50.83 | 08'-00'-00" | 0'-6 1/2" | 49.94 | 08'-00'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .105 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-2 |
| | 00-3 | 0'-6 1/2" | 50.09 | 08'-00'-00" | 0'-6 1/2" | 49.00 | 08'-00'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .105 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-3 |
| | 00-4 | 0'-6 1/2" | 47.82 | 08'-00'-00" | 0'-6 1/2" | 46.78 | 08'-00'-00" | 02'-6 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .104 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 13/16" | 10e19" | 7e18" | 10e20" | 10e20" | 0'-0 13/16" | 4e18" | 0e18" | 00-4 |
| D | 00-1 | 0'-6 1/2" | 55.43 | 02'-00'-00" | 0'-6 1/2" | 52.37 | 01'-07'-17" | 02'-5 11/16" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .106 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 7/8" | 10e18" | 7e18" | 10e20" | 10e20" | 0'-0 7/8" | 4e18" | 0e18" | 00-1 |
| | 00-2 | 0'-6 1/2" | 55.20 | 02'-00'-00" | 0'-6 1/2" | 52.11 | 01'-07'-04" | 02'-7 1/4" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .105 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-1 5/8" | 10e18" | 7e18" | 10e20" | 10e20" | 0'-1 5/8" | 4e18" | 0e18" | 00-2 |
| | 00-3 | 0'-6 1/2" | 56.99 | 02'-00'-00" | 0'-6 1/2" | 51.85 | 01'-06'-01" | 02'-8 3/4" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .105 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-11 3/8" | 11e18" | 7e18" | 10e20" | 10e20" | 0'-11 3/8" | 4e18" | 0e18" | 00-3 |
| | 00-4 | 0'-6 1/2" | 56.67 | 02'-00'-00" | 0'-6 1/2" | 51.60 | 01'-06'-00" | 02'-10 1/2" | 11'-3" | 5'-0" | 10'-11 1/2" | .083 | .104 | 00'-2 1/2" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 10'-2 1/4" | 2 7/8" | 0'-0 3/16" | 10e18" | 7e18" | 10e20" | 10e20" | 0'-1 1/2" | 4e18" | 0e18" | 00-4 |
| D | 00-1 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.06 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-1 |
| | 00-2 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.07 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-2 |
| | 00-3 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.07 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-3 |
| | 00-4 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.07 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-4 |
| | 00-5 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.07 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-5 |
| | 00-6 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.07 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-6 |
| | 00-7 | 7'-11" | 59.58 | 00'-07'-14" | 7'-11" | 56.07 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 15'-0" | 70'-2 11/16" | .082 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 1/2" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-7 3/8" | 7e20" | 10e22" | 00-7 |
| | 00-8 | 7'-2" | 51.88 | 00'-07'-04" | 7'-2" | 57.09 | 00'-07'-14" | 02'-5 11/16" | 9'-2" | 14'-0" | 70'-2 11/16" | .105 | .108 | 70'-7/16" | 16e3/4" | 16e3/4" | 16e1 1/2" | 20e1 3/4" | 16e1 3/8" | 20e2 | 3 7/8" | 0'-11 3/8" | 10e18" | 10e18" | 20e20" | 20e20" | 0'-11 3/8" | 7e20" | 10e22" | 00-8 |
| D | 00-1 | 0'-0 1/16" | 38.18 | 04'-00'-00" | 0'-0 1/16" | 32.78 | 00'-07'-00" | 02'-6 11/16" | 5'-10" | 15'-10" | 71'-2 11/16" | .088 | .109 | 00'-0 1/2" | 16e3/4" | 16e3/4" | 16e1 7/8" | 20e1 7/8" | 16e2 1/4" | 20e2 1/4" | 4 1/2" | 0'-11 3/8" | 8e11" | 9e16" | 20e20" | 20e20" | 0'-7 3/8" | 11e20" | 0e18" | 00-1 |
| | 00-2 | 0'-0 1/16" | 37.80 | 00'-10'-12" | 0'-0 1/16" | 32.79 | 00'-10'-00" | 02'-6 11/16" | 6'-0" | 16'-10" | 70'-0 5/16" | .119 | .130 | 00'-0 1/2" | 16e3/4" | 16e3/4" | 16e1 5/8" | 20e1 7/8" | 16e1 3/4" | 20e2 1/8" | 3 7/8" | 0'-0 13/16" | 7e12" | 10e18" | 20e20" | 20e20" | 0'-0 13/16" | 11e20" | 0e18" | 00-2 |
| | 00-3 | 0'-0 1/16" | 37.82 | 07'-01'-00" | 0'-0 1/16" | 32.65 | 00'-00'-00" | 02'-6 11/16" | 6'-0" | 16'-10" | 70'-0 5/16" | .119 | .130 | 00'-0 1/2" | 16e3/4" | 16e3/4" | 16e1 5/8" | 20e1 7/8" | 16e1 3/4" | 20e2 1/8" | 3 7/8" | 0'-0 13/16" | 7e12" | 10e18" | 20e20" | 20e20" | 0'-0 13/16" | 11e20" | 0e18" | 00-3 |
| | 00-4 | 0'-0 1/16" | 37.85 | 07'-01'-00" | 0'-0 1/16" | 32.46 | 00'-00'-00" | 02'-6 11/16" | 6'-0" | 16'-10" | 70'-1 3/16" | .119 | .130 | 00'-0 1/2" | 16e3/4" | 16e3/4" | 16e1 5/8" | 20e1 7/8" | 16e1 3/4" | 20e2 1/8" | 3 7/8" | 0'-0 13/16" | 7e12" | 10e18" | 20e20" | 20e20" | 0'-0 13/16" | 11e20" | 0e18" | 00-4 |
| | 00-5 | 0'-0 1/16" | 37.87 | 07'-01'-00" | 0'-0 1/16" | 32.41 | 00'-00'-00" | 02'-6 11/16" | 6'-0" | 16'-10" | 70'-1 3/16" | .119 | .130 | 00'-0 1/2" | 16e3/4" | 16e3/4" | 16e1 5/8" | 20e1 7/8" | 16e1 3/4" | 20e2 1/8" | 3 7/8" | 0'-0 13/16" | 7e12" | 10e18" | 20e20" | 20e20" | 0'-0 13/16" | 11e20" | 0e18" | 00-5 |
| | 00-6 | 7'-2 1/16" | 37.30 | 07'-01'-00" | 7'-2 1/16" | 32.14 | 00'-00'-00" | 02'-10 13/16" | 6'-0" | 16'-0" | 69'-10 13/16" | .168 | .161 | 00'-0 1/2" | 16e3/4" | 16e3/4" | 16e1 5/8" | 20e1 7/8" | 16e2 | 20e2 1/8" | 4 3/8" | 0'-0 7/16" | 8e11" | 9e16" | 20e20" | 20e20" | 0'-0 7/16" | 11e20" | 0e18" | 00-6 |

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FOR INFORMATION ONLY

| REVISIONS | NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
EXISTING PLAN INFORMATION
SN 016-1113
SCALE: NTS
DATE: 7/22/2005
DRAWN BY: BDC
CHECKED BY: BLU

SECTION NO. S-2823-11
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
SOUTH ROUTE 55 HIGHWAY
CHICAGO RIVER TO W. CERMAK RD.
SIMPLE SPAN GIRDER SCHEDULE

7/19/2005 11:59 AM