

TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|--|---------|---------|--------|---------|
| Removal of Existing Superstructures | Each | 1 | | 1 |
| Concrete Removal | Cu. Yd. | | 309 | 309 |
| Protective Shield | Sq. Yd. | 2,652 | | 2,652 |
| Structure Excavation | Cu. Yd. | | 217 | 217 |
| Concrete Structures | Cu. Yd. | | 385.7 | 385.7 |
| Concrete Superstructure | Cu. Yd. | 1,144.2 | | 1,144.2 |
| Bridge Deck Grooving | Sq. Yd. | 2,390 | | 2,390 |
| Protective Coat | Sq. Yd. | 3,607 | | 3,607 |
| Furnishing & Erecting Structural Steel | L. Sum | 1 | | 1 |
| Stud Shear Connectors | Each | 16,830 | | 16,830 |
| Reinforcement Bars, Epoxy Coated | Pound | 253,290 | 75,180 | 328,470 |
| Bar Splicers | Each | 2,596 | 314 | 2,910 |
| Bridge Fence Railing | Foot | 755 | | 755 |
| Temporary Bridge Complete | Each | 1 | | 1 |
| Name Plates | Each | 2 | | 2 |
| Prefomed Joint Strip Seal | Foot | 167 | | 167 |
| Elastomeric Bearing Assembly, Type I | Each | | 22 | 22 |
| Elastomeric Bearing Assembly, Type II | Each | | 22 | 22 |
| Anchor Bolts, 3/4" | Each | | 44 | 44 |
| Anchor Bolts, 1" | Each | | 88 | 88 |
| Concrete Sealer | Sq. Ft. | | 8,540 | 8,540 |
| Epoxy Crack Injection | Foot | | 19 | 19 |
| Temporary Fence (Special) | Foot | 453 | | 453 |
| Granular Backfill for Structures | Cu. Yd. | | 92 | 92 |
| Temporary Shoring | Each | 4 | | 4 |
| Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches) | Sq. Ft. | | 685 | 685 |
| Drainage Scuppers, DS-12 | Each | | 4 | 4 |
| Drainage System | L. Sum | 1 | | 1 |
| Temporary Sheet Piling | Sq. Ft. | | 662 | 662 |

BRIDGE GENERAL NOTES

- Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8" diameter, holes 15/16" diameter, unless otherwise noted.
- Calculated weight of Structural Steel: AASHTO M270 Grade 36 = 36,630 lbs.
AASHTO M270 Grade 50 = 462,190 lbs.
- All new structural steel shall be galvanized. See the Special Provision "Hot Dip Galvanizing for Structural Steel".
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Bearing seat surfaces shall be constructed or adjusted to the designed elevations within a tolerance of 1/8 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Concrete Sealer shall be applied to all exposed surfaces of the new concrete at both abutments and at all four piers.
- Slipforming of the parapets is not allowed.
- Protective Shield shall be provided at all spans, face-to-face of piers or abutments and out-to-out of existing superstructure.

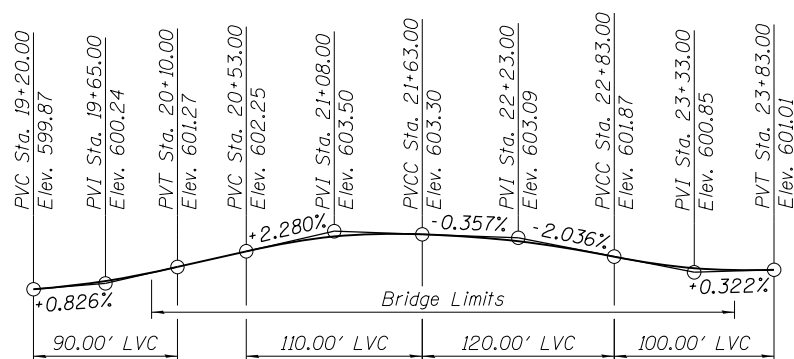
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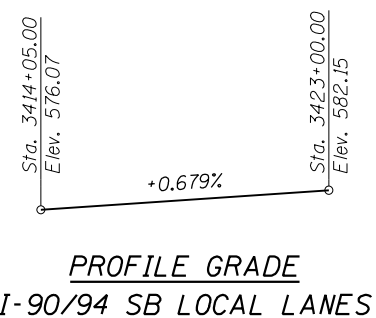
STATION 21+76.01
RE-BUILT 201_ BY
STATE OF ILLINOIS
F.A.U. RTE. 1519 SEC. 1920-B
LOADING HL-93
STRUCTURE NO. 016-1149

NAME PLATE

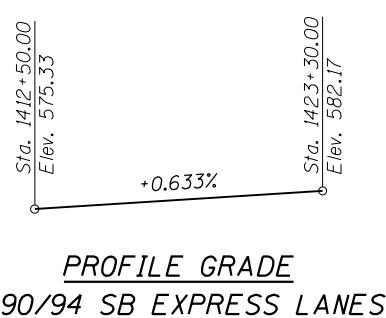
See Std. 515001. Two required.
Place new name plates next to existing name plates at each abutment.



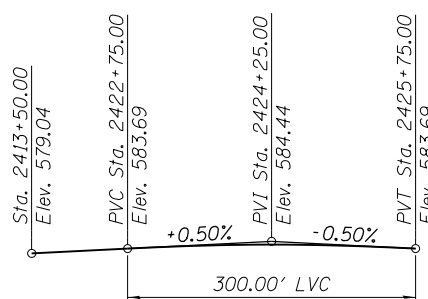
PROFILE GRADE, 63RD STREET



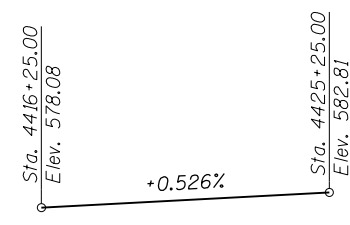
PROFILE GRADE I-90/94 SB LOCAL LANES



PROFILE GRADE I-90/94 SB EXPRESS LANES



PROFILE GRADE I-90/94 NB EXPRESS LANES



PROFILE GRADE I-90/94 NB LOCAL LANES

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| | | |
|--------------|------------------|-----------|
| USER NAME = | DESIGNED - J.Z. | REVISED - |
| PLOT SCALE = | CHECKED - J.A.Z. | REVISED - |
| PLOT DATE | DRAWN - E.E.J. | REVISED - |
| | DATE - 5/17/2013 | REVISED - |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|--------|--------------|-----------|
| 94 | 1920-B | COOK | 137 | 61 |
| CONTRACT NO. 60J15 | | | | |