

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
Preformed 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 1 1/8" 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.

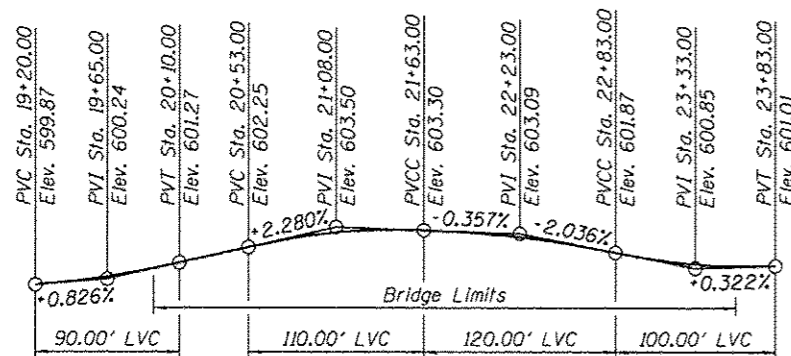
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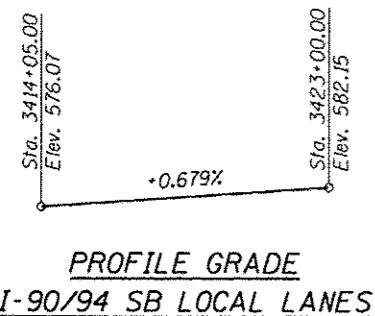
STATION 21+76.01
RE-BUILT 2011 BY
STATE OF ILLINOIS
F.A.U. RTE. 1519 SEC. 1920-B
LOADING HL-93
STRUCTURE NO. 016-1149

NAME PLATE

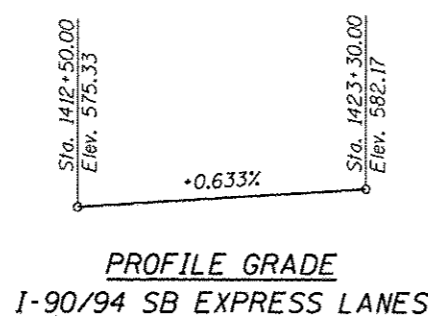
See Std. 515001. Two required.
Place new name plates next to
existing name plates at each
abutment.



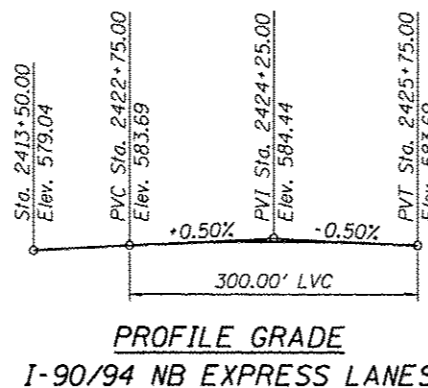
PROFILE GRADE, 63RD STREET



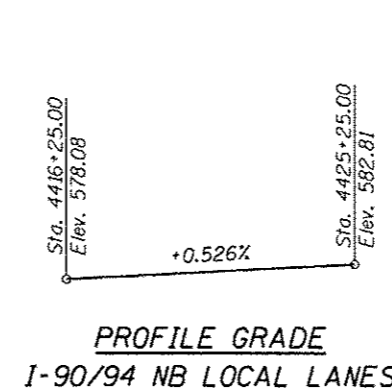
**PROFILE GRADE
I-90/94 SB LOCAL LANES**



**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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