

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	312	230
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
60A62		1919.15, 2021-922 PT1 & PT2 R-1		

STRUCTURAL BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
Concrete Removal	Cu Yd	79
Concrete Superstructure	Cu Yd	152.6
Protective Coat	Sq Yd	691
Reinforcement Bars, Epoxy Coated	Pound	18,160
Rustication Finish	Sq Ft	1,315
Chain Link Fence 42" Attached to Structure (Special)	Foot	718
Structure Excavation	Cu Yd	93
Porous Granular Embankment	Cu Yd	73

GENERAL NOTES:

- Station and offsets are measured from @ NB Collector/Distributor to the front face of the retaining wall.
- All construction joints shall be bonded.
- All exposed concrete edges shall have a 3/4" by 45° chamfer except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of 1 foot below the finished ground line.
- A protective coat shall be applied according to Section 503.19 of the Standard Specifications to all concrete surfaces not in contact with soil.
- Reinforcement bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- Reinforcement bars designated "E" shall be epoxy coated.
- Removal and disposal of existing fence is included in the cost of Concrete Removal.
- Plan dimensions and details relating to existing structures have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and to make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation or a change in the scope of work. However, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- For Concrete Median Surface, 5" (Modified), see sheet A8.

ABBREVIATIONS:

- B Bottom
- BF Back Face
- EF Each Face
- EW Each Way
- FF Front Face
- Fig Footing
- LT Left
- Sta Station
- T Top

LEGEND:

- Concrete Removal
- Construction Joint
- Expansion Joint
- Wall Mounted Light Pole
- Chain Link Fence

INDEX OF SHEETS

- A1 General Plan I
- A2 General Plan II
- A3 Detailed Elevation I
- A4 Detailed Elevation II
- A5 Typical Light Pole Foundation Details
- A6 Wall Sections and Details
- A7 Chain Link Fence Details

DESIGN SPECIFICATIONS

2002 AASHTO, Standard Specifications for Highway Bridges

DESIGN STRESSES

FIELD UNITS  
f'c = 3,500 psi  
fy = 60,000 psi (Reinf.)

NOTE:

Rustication Finish not shown for clarity.

