

Std. Base File: br205.dgn

Plotted By: rlong

File: br205.dgn

Plot Location: Bridge Design

Plot Date: 10-JUN-2015 08:46

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	Proj. No.	YEAR	0	0

RECAPITULATION OF BRIDGE QUANTITIES												
ITEM	UNIT	Sta. Br. No. Span lengths Type of bridge	Sta. Br. No. Span lengths Type of bridge	Sta. Br. No. Span lengths Type of bridge			Total for Open Span Bridges		Sta. Br. No. Size of RFB/RCB	Sta. Br. No. Size of RFB/RCB		Total for RFB/RCB Bridges
Class I Excavation	Cu. Yds.											
Class II Excavation	Cu. Yds.											
Class III Excavation	Cu. Yds.											
Grade 4.0 Concrete	Cu. Yds.											
Grade 4.0 Concrete (AE)	Cu. Yds.											
Grade 4.0 Concrete (AE)(SW)	Cu. Yds.											
Grade 4.0 Early Strength Concrete (AE)	Cu. Yds.											
Reinforcing Steel (Grade 60)	Lbs.											
Reinforcing Steel (Grade 60)(Epoxy Coated)	Lbs.											
Structural Steel ASTM A709 (Gr. 36)	Lbs.											
Structural Steel AASHTO M270 (Gr. 36)(T2)	Lbs.											
Structural Steel AASHTO M270 (Gr. 50)(T2)	Lbs.											
Cast Iron	Lbs.											
Bearing Devices	Lbs.											
TFE Bearing Devices (")	Each											
Bridge Painting (Organic Zinc-Vinyl Paint System)	Lump Sum											
Headed Stud Anchors	Each											
Steel Piles (HPI0x42)	Lin. Ft.											
Steel Piles (HPI2x74)	Lin. Ft.											
Concrete Piles	Lin. Ft.											
Prestressed Concrete Piles	Lin. Ft.											
Cast Steel Pile Points	Lin. Ft.											
Steel Sheet Piles	Lin. Ft.											
Test Piles (Steel) (Special)	Lin. Ft.											
Pre-Drilled Pile Holes	Lin. Ft.											
Prestressed Concrete Beams (K4) ()	Lin. Ft.											
Prestressed Concrete Beams (K3) ()	Lin. Ft.											
Prestressed Concrete Beams (K2) ()	Lin. Ft.											
Drilled Shafts (30")	Lin. Ft.											
Rock Cores	Lin. Ft.											
Permanent Casing (")	Lin. Ft.											
Silica Fume Overlay (")	Sq. Yds.											
Area Prepared for Patching	Sq. Yds.											
Area Prepared for Patching (Full Depth)	Sq. Yds.											
Machine Preparation (")	Sq. Yds.											
Elastomeric Compression Seal	Lin. Ft.											
Expansion Device (Finger Joint)	Lin. Ft.											
Bridge Backwall Protection System	Sq. Yds.											
Strip Seal Assembly (Type I)	Lin. Ft.											
Substructure Waterproofing Membrane	Sq. Yds.											
Abutment Strip Drain	Sq. Yds.											
Slope Protection (Shot Rock)	Cu. Yds.											
Field Office and Laboratory (Type C)	Each											
Traffic Control	Lump Sum											
Contractor Construction Staking	Lump Sum											
Mobilization	Lump Sum											
Rock Embankment	Cu. Yds.											
Material for Silica Fume Overlay (Set)	Cu. Yds.											
Reinforcing Steel (Gr. 60) (Repair) (Set)	Lbs.											
Foundation Stablization (Set)	Cu. Yds.											
Granular Backfill (Wingwalls) (Set)	Cu. Yds.											

3					
2					
1	10-19-04	Concrete - Class to Grade			
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
Br. No.			Sta.		
RECAPITULATION OF BRIDGE QUANTITIES					
Proj. No.			Co.		
SHEET NO.	OF	SCALE	APP'D		
DESIGNED		DETAILED	QUANTITIES	CADD	
DESIGN CK.		DETAIL CK.	QUAN. CK.	CADD CK.	