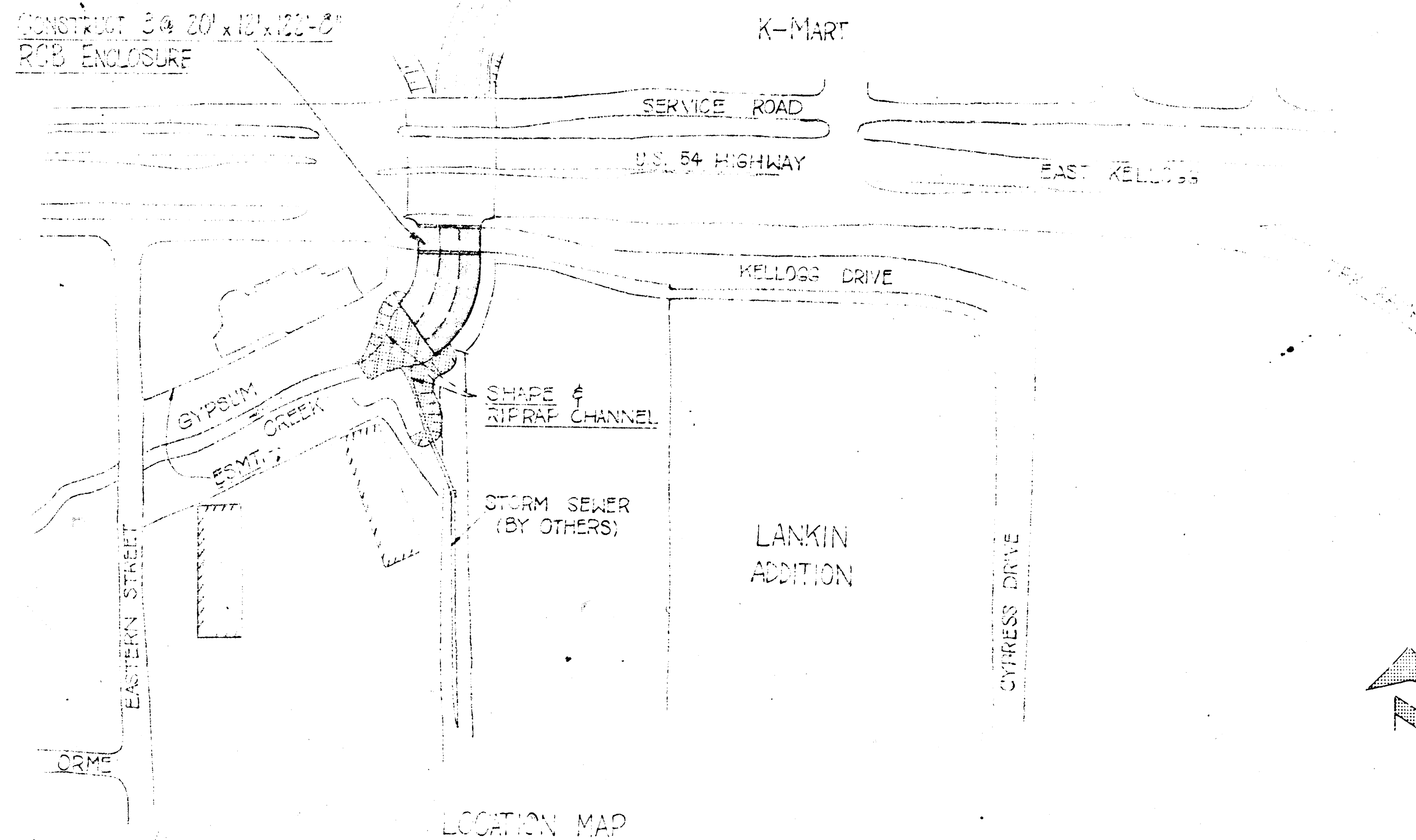


CONSTRUCT 34 30' x 10' x 12'-0"
RCS ENCLOSURE



LOCATION MAP

STORM WATER DRAIN - NO. 11 C29-32

CHANNEL IMPROVEMENT
BETWEEN
KELLOGG & EASTERN STREETS

DESIGNED BY
ENGINEER
BUREAU OF HIGHWAYS
STATE OF KANSAS

APPROVED
BY THE BOARD OF
COMMISSIONERS
MAY, 1969

SUMMARY OF QUANTITIES

BANK GRADING & RIPRAP		
Bank Grading	1415	Sq. Yds.
Dumped Riprap 12"	313	Sq. Yds.
Dumped Riprap 18"	114	Sq. Yds.
Sand/Gravel Bedding	250	Sq. Yds.
BOX CONSTRUCTION		
Bridge Excavation	1000	Cu. Yds.
Class A (AE) Concrete	834	Cu. Yds.
Reinforcing Steel	167,830	Lbs.
Steel Plate Girder Fence (each)	231.5	Lin. Ft.
Steel Sheet Piling	366	Sq. Ft.
Steel Shoring (each)	1280	Sq. Ft.

NOTE:

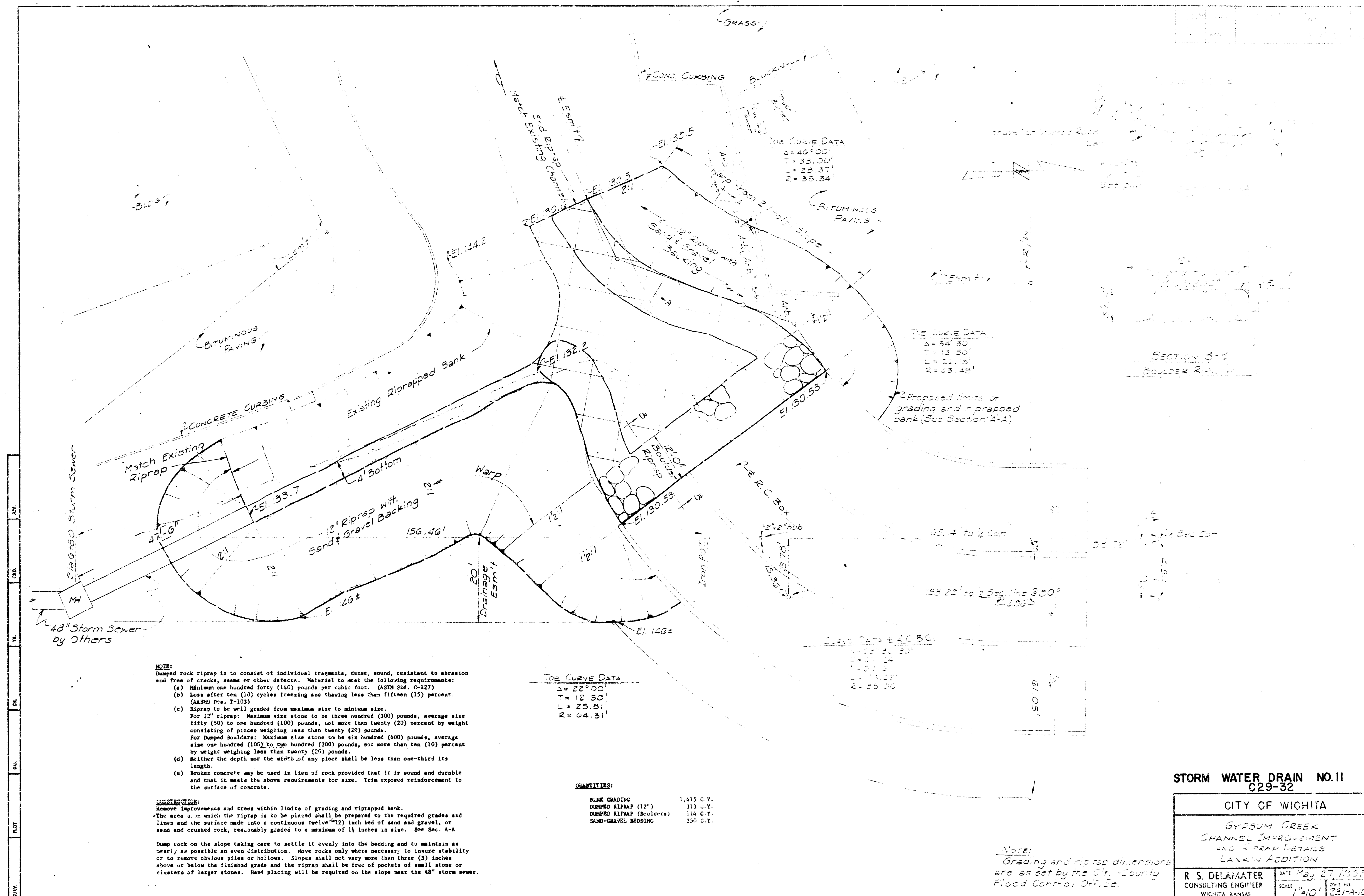
The quantities listed are for information only. The Contractor shall include all material and work necessary to complete the project, according to details and dimensions shown on the plans, in his lump sum bid.

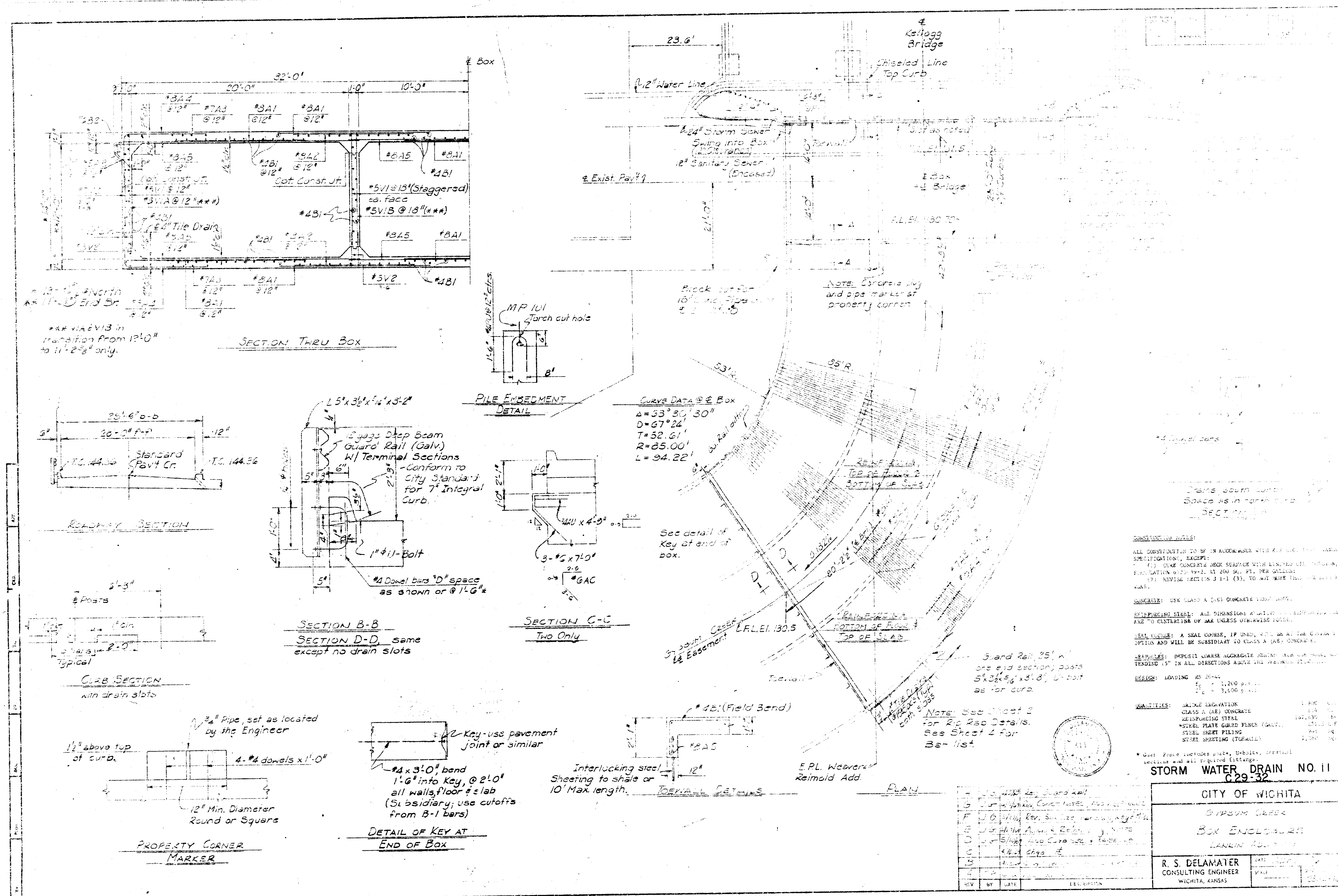
INDEX OF SHEETS

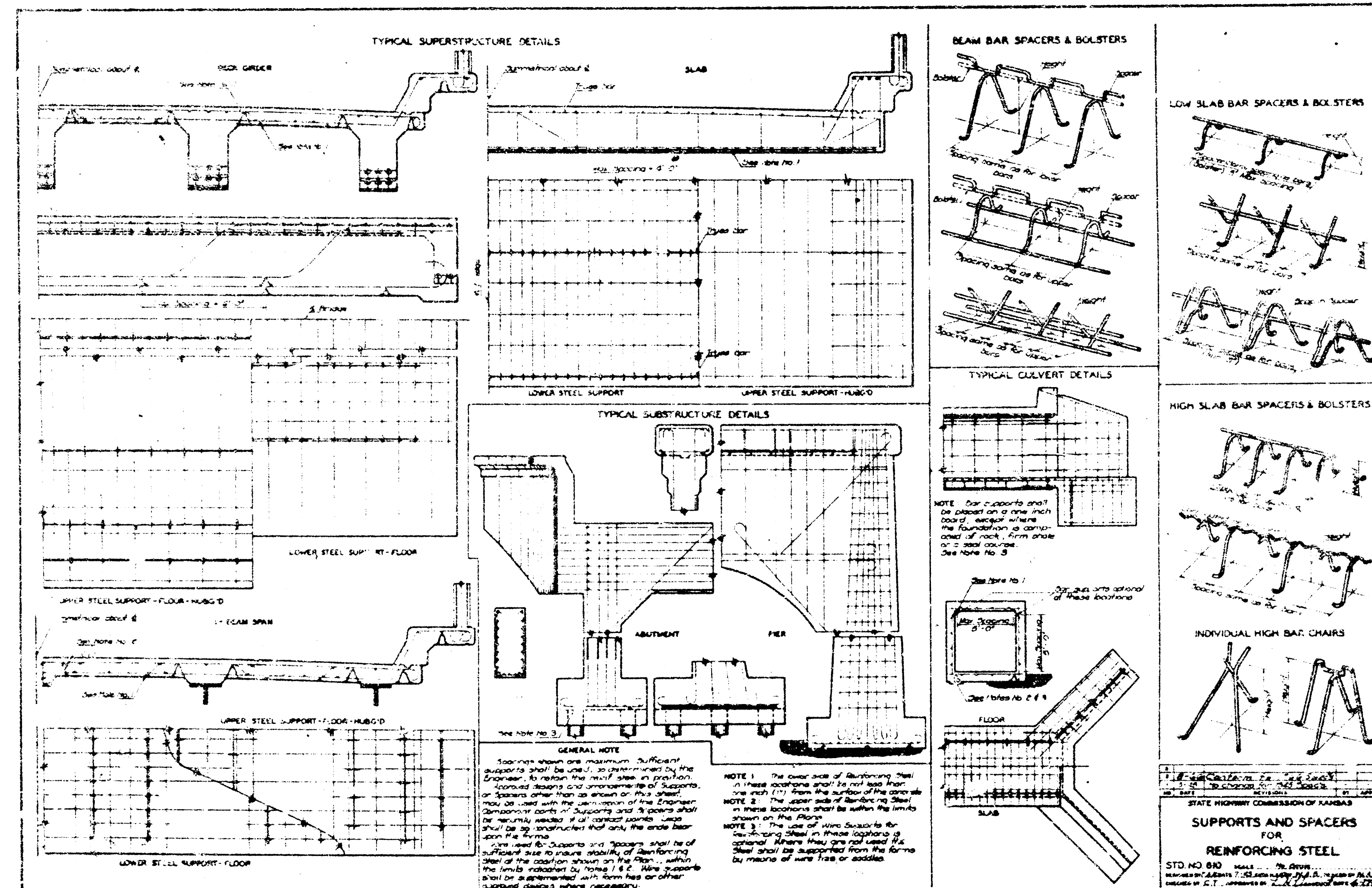
1. Location Map & Quantities
2. Channel Improvement & Riprap Details
3. Box Enclosure Details
4. Bridge Excavation, Bar Supports, & Bar List



July 1969





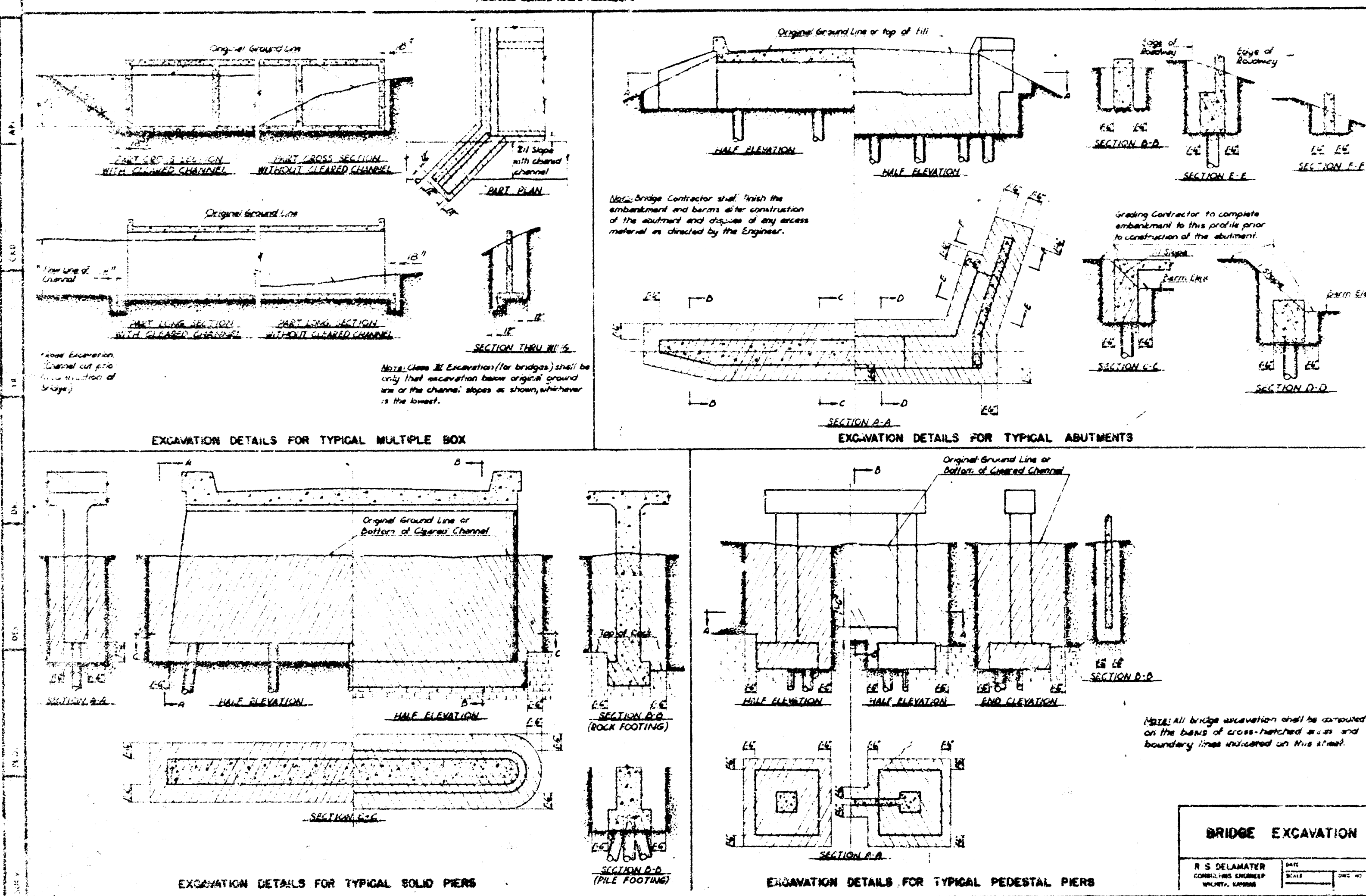


MARK	NO. REQ.	SIZE	LENGTH	SHAPE
A 1	1,200	2	12' 0"	
A 2	402	2	12' 0"	
A 3	402	7	12' 0"	
A 4	402	3	11' 6"	
A 5	244	3	22' 0"	
AP	22	5	5' 6"	
AG	1	2	7' 0"	
AO	4	4	8' 0"	
B 1	4	4	20' 00" (Total)	
B 2	4	6	20' 0"	
C	9	6	22' 0"	
D	165	4	1' 4"	
EO	20	4	3' 0"	
V 1	410	5	11' 10"	
V 2	580	5	3' 6"	
V 3	494	7	4' 9"	
V 1A	20	5	*	
V 1B	94	5	**	

Stock Lengths

* V 1A Increase by increments of 3/8" from 11' 0" to 11' 11 1/2"

** V 1B Increase by increments of 1/2" from 11' 0" to 11' 10"



STORM WATER DRAIN NO.11
C 29-32

CITY OF WICHITA

BAR SUPPORTS
BRIDGE EXCAVATION
BAR LIST

R. S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS

DATE: 10/14/2010
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]