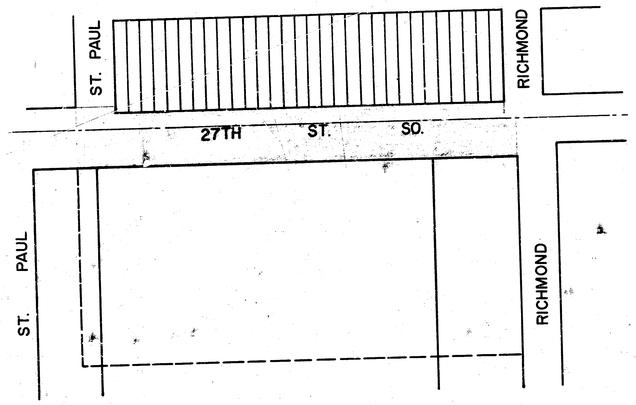
27TH ST. SO.

WORK ON THIS PROJECT SHALL BE COORDINATED WITH THE WORK ON THE OTHER SIX (6) PROJECTS THAT ARE A PART OF THIS CONTRACT. CONSTRUCTION SEQUENCING IS SUBJECT TO THE APPROVAL OF THE ENGINEER.



GENERAL NOTES:

(1) TREES TO BE REMOVED ARE INDICATED ON THE PLANS; HOWEVER, ANY TREE WHICH CAN BE SAVED, AS DETERMINED BY THE FIELD ENGINEER, SHALL NOT BE REMOVED.

(2) EARTHWORK TO MEET EXISTING GROUND ELEVATION AT RIGHT-OF-WAY LINE, UNLESS OTHERWISE NOTED ON THE PLAN WITH A NEW ELEVATION. IF A NEW ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND RIGHT OF WAY LINE, THENCE UP OR DOWN ON A 1:1 SLOPE TO THE EXISTING GROUND SURFACE.

(3) WIDENED GUTTER SECTION OF COMBINED CURB AND GUTTER AT INTERSECTIONS WILL NOT BE PAID FOR DIRECTLY, AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.

(4) MAILBOXES WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER. CONTRACTOR WILL BE REQUIRED TO MAKE SATISFACTORY PROVISIONS FOR MAIL DELIVERY TO PROPERTIES AFFECTED BY THIS PROJECT DURING CONSTRUCTION.

(5) ALL ENTRANCE AND CROSS ROAD DRAINAGE PIPES WITHIN THE PROJECT LIMITS SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED ON THE PLANS. REMOVAL OF SUCH PIPES SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.

(6) CONTRACTOR SHALL GIVE PROPERTY OWNERS ABUTTING THIS PROJECT WHOSE YARDS WILL BE LOWER THAN THE TOP OF THE NEW CURB AN OPPORTUNITY TO UTILIZE EXCESS EXCAVATED MATERIAL FROM THE PROJECT TO REGRADE THEIR YARDS TO DRAIN TO THE NEW PAVEMENT. CONTRACTOR WILL BE REQUIRED TO DUMP AND SPREAD THE EXCESS MATERIAL AS REQUIRED BY THE STANDARD SPECIFICATIONS. ANY DIRT IN EXCESS OF CONSTRUCTION REQUIREMENTS AND PROPERTY OWNER REQUESTS SHALL BE DELIVERED AND SPREAD ON THE SCHOOL BOARD PROPERTY SOUTH OF 27TH STREET AND ST. PAUL AT NO ADDITIONAL COST. CONTACT LEON PAYNE, 832-1211, EXT. 294, FOR INSTRUCTIONS FOR DUMPING ON SCHOOL BOARD PROPERTY.

(7) CONTRACTOR TO BID ONLY ONE SUB-GRADE TREATMENT ALTERNATE. ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED FOR CONSTRUCTION ON THIS PROJECT.

(8) THE CONTRACTOR SHALL SEQUENCE HIS WORK TO ELIMINATE THE NEED FOR "OVERHAUL" IF DIRT IS TO BE DELIVERED TO THE SCHOOL BOARD PROPERTY.

(9) REMOVAL OF EXCESS PAVEMENT PLACED IN THE CONSTRUCTION OF THE ST. PAUL AND THE RICHMOND PAVING PROJECTS SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION.

DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

PROJECT DESCRIPTION
27TH ST. SO.
W.L. ST. PAUL To W.L. RICHMOND

PROJECT NUMBER
472-76-245-81166-000-000-001

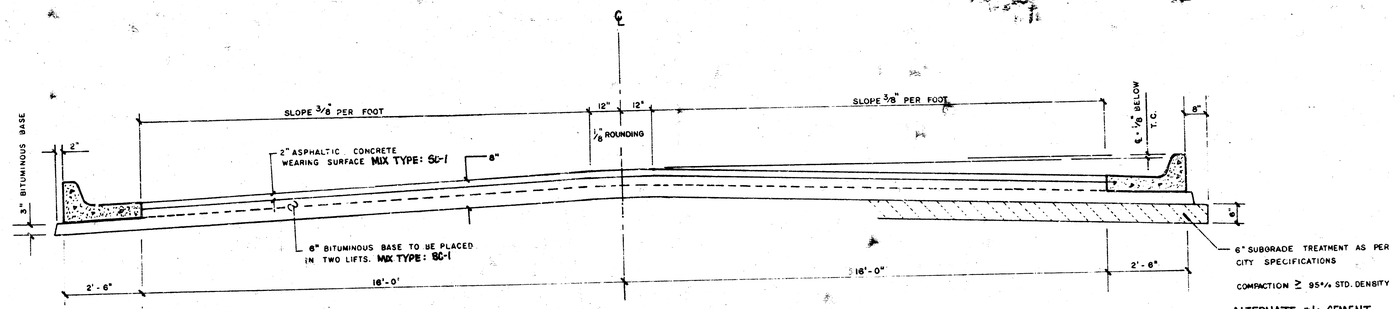
BOOK NO. DCD 56	APPROVED BY	DATE
DRAWN BY VRH		REVISED

CITY OF WICHITA
DEPARTMENT OF ENGINEERING

DIRECTOR OF ENG./CITY ENGINEER
R. W. BRUGGEMAN

SCALE 1" = 20'

1/7



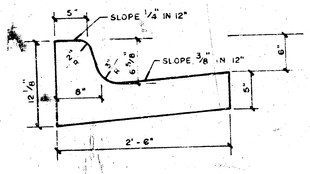
TYPICAL SECTION

37' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

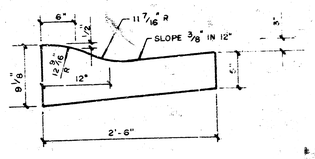
A TACK COAT OF EMULSIFIED ASPH (SS-1H or CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

THE A.C. PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 8" A.C. PAVEMENT (6" BITUMINOUS BASE).
THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 3" BITUMINOUS BASE.

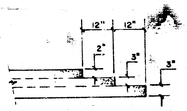
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

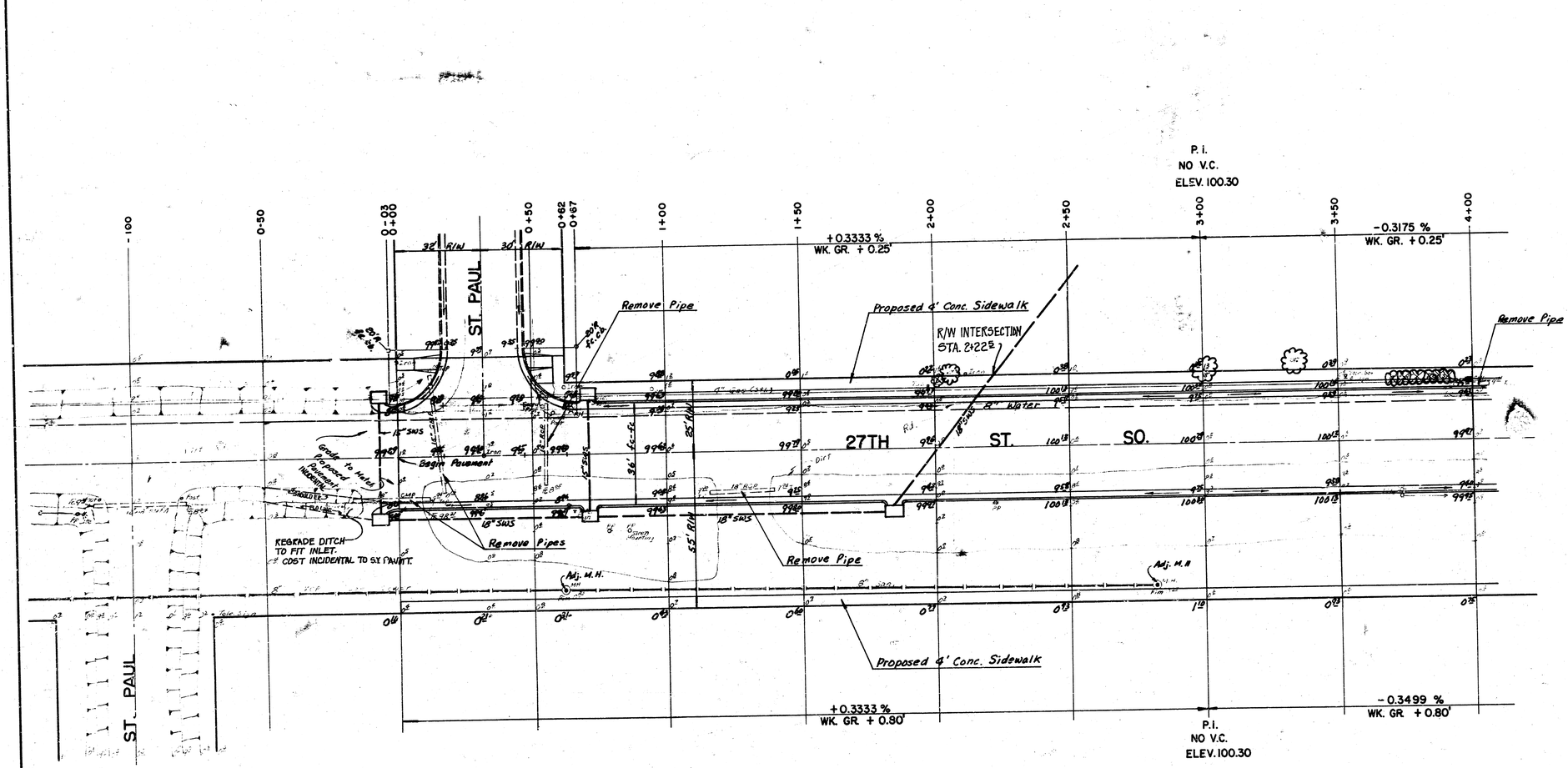


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF A.C. PAVEMENT.

CITY OF WICHITA, KANSAS

FILMED FROM THE BEST COPY AVAILABLE

B.M. 101.72 RR Spk. in W. Fc. PP at SE Cor. Casado & St. Paul
B.M. 99.62 Meridian & 27th St. So., City Std. Disc. 42.5' N. & 44' E. ℄ Both.



*Note: Contractor shall construct Asphalt Flume with curbing from End of combined Curb & Gutter to Inlet. Cost is subsidiary to Project.

INTERSECTION QUANTITIES

____	S.Y. ____" Concrete Pavement
188	S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
15	S.Y. 3 " Bituminous Base
52	L.F. Combined Curb & Gutter
____	L.F. Integral Curb
____	S.F. 4" Wheelchair Ramp
____	S.F. 4" Walk
187	C.Y. Excavation
____	C.Y. Compacted Fill
____	Lbs. Reinforcing Steel
203	S.Y. Manipulation
4.5	Tons Lime or Cement
____	S.Y. V.C. ____" Concrete & ____" Asphaltic Concrete Base

Earth Work

	Excavation	Compacted Fill
	1985.9	19.8
Add 10%	178.6	2.0
	2164.5	21.8
Manipulation Add 3%		2931 SY
		88
		3019 SY

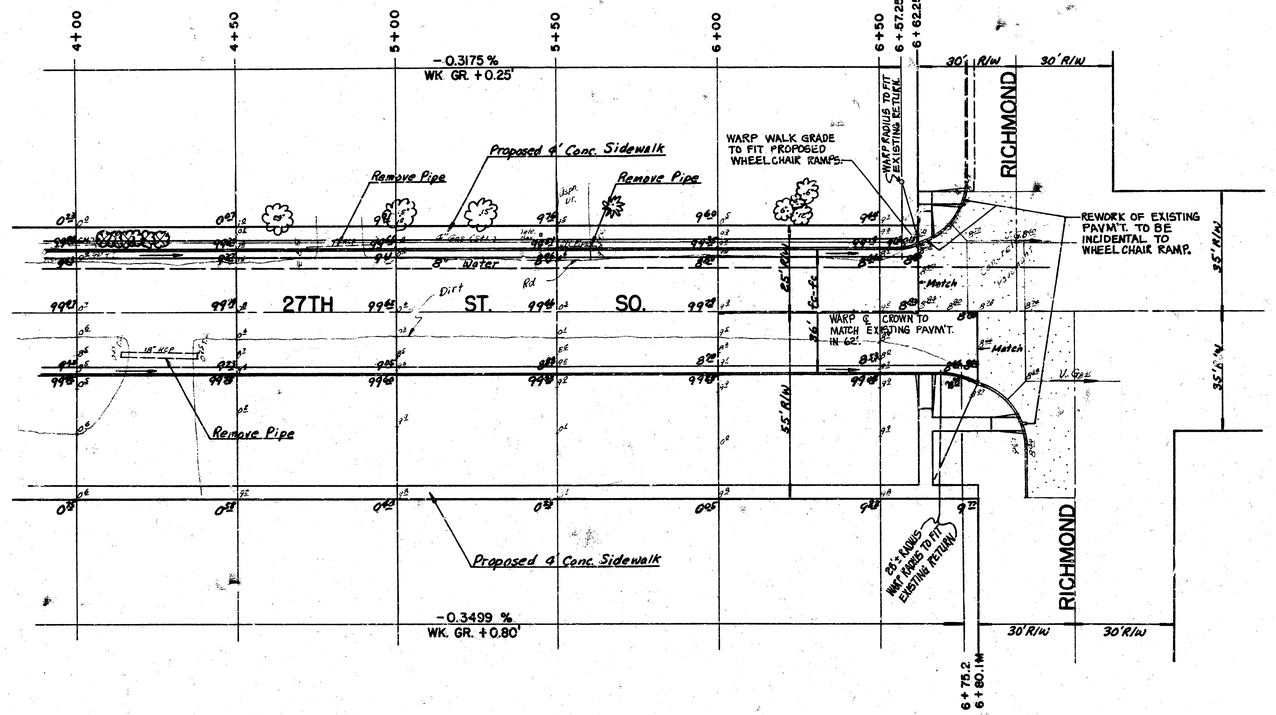
NO MORE THAN 6-20' DRIVES ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

CAUTION
UNDERGROUND UTILITIES
Please check with K G & E or Southwestern Bell Telephone Co. for Location

PROJECT DESCRIPTION
27TH ST. SO.
W.L. ST. PAUL TO W.L. RICHMOND

PROJECT NUMBER
472-76-245-81166-000-000-001 3/7



N

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Scale : 1" = 20'

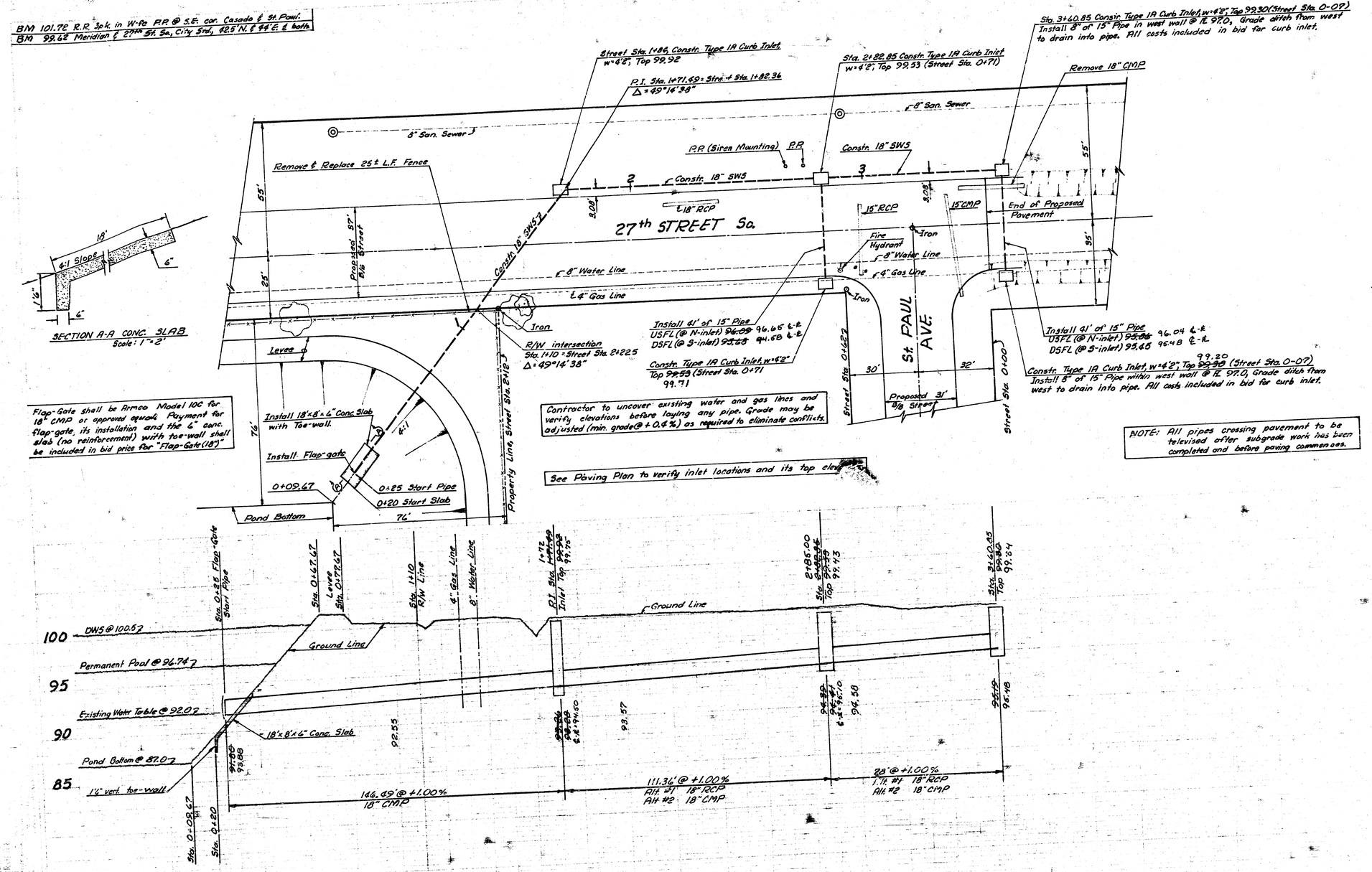
PROJECT DESCRIPTION
27TH ST. SO.
W.L. ST. PAUL TO W.L. RICHMOND

PROJECT NUMBER
472-76-245-81166-000-000-001

BM 101.72 R.R. Spk. in W-fc P.P @ S.E. cor. Casado & St. Paul.
BM 99.62 Meridian & 27th St. So., City Std., 125 N. & 44 E. & both

SECTION A-A CONC. SLAB
Scale: 1"=2'

Flap-Gate shall be Armco Model 10C for 18" CMP or approved equal. Payment for flap-gate, its installation and the 6" conc. slab (no reinforcement) with toe-wall shall be included in bid price for "Flap-Gate (18")



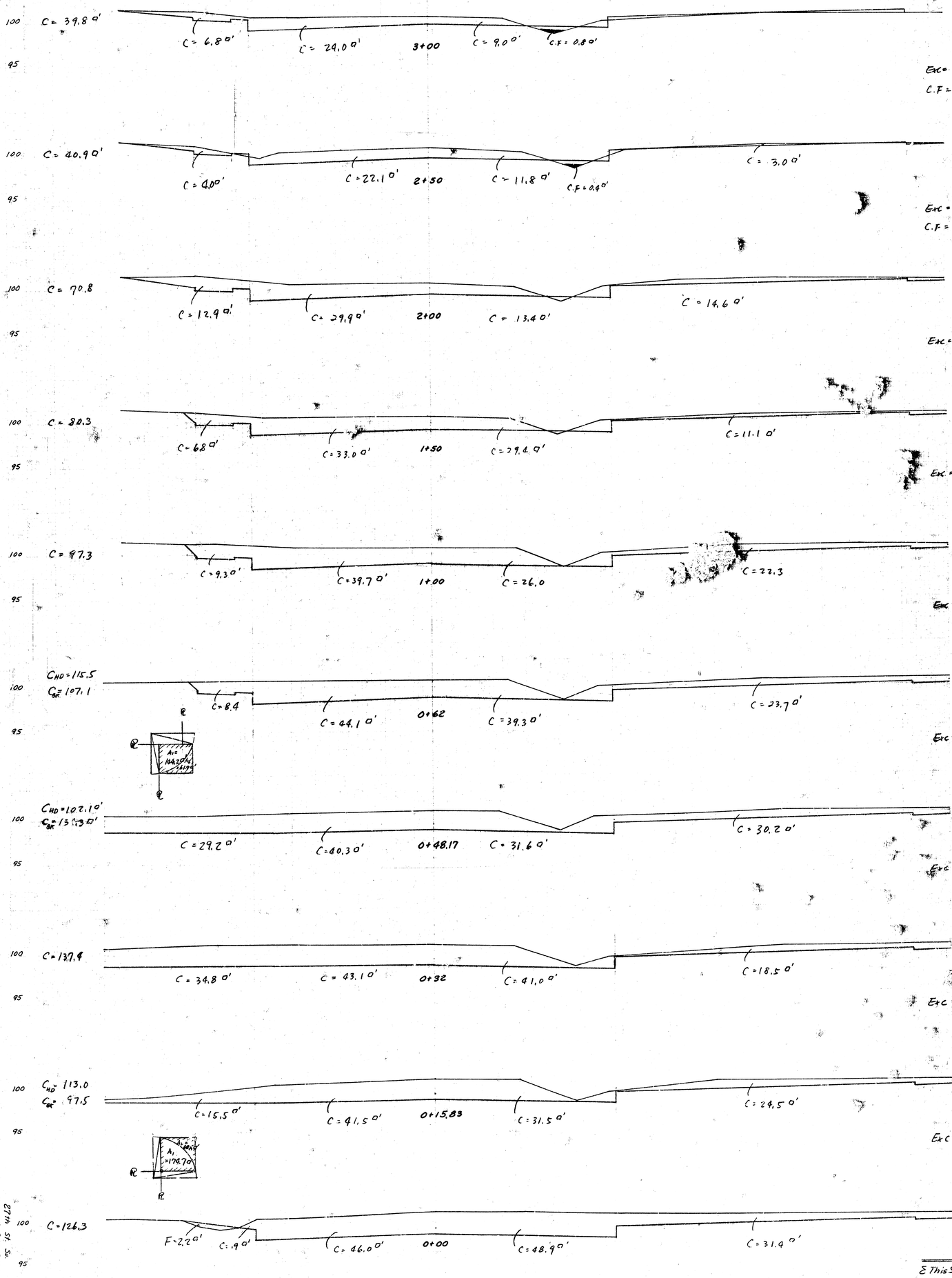
SCALE: 1"=20'

PROJECT DESCRIPTION

PROJECT NUMBER

5/7

FILMED FROM THE BEST

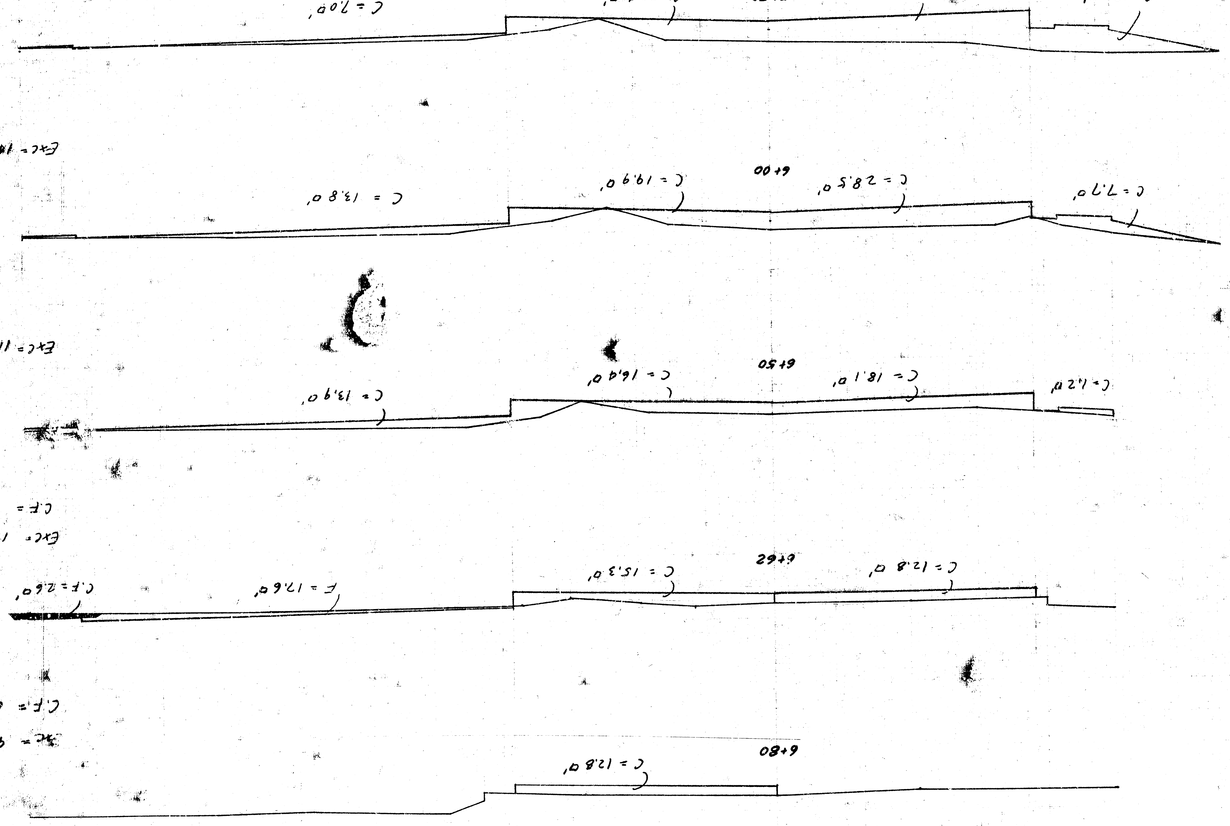


Σ This Sheet = 932.0

Total Exc. = 1785.9 C.Y

Compacted Fill = 19.8 C.Y

472-26-295-8198-000-000001



492-76 285-81166-000-000-001
87th St. So.

3 of 4

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