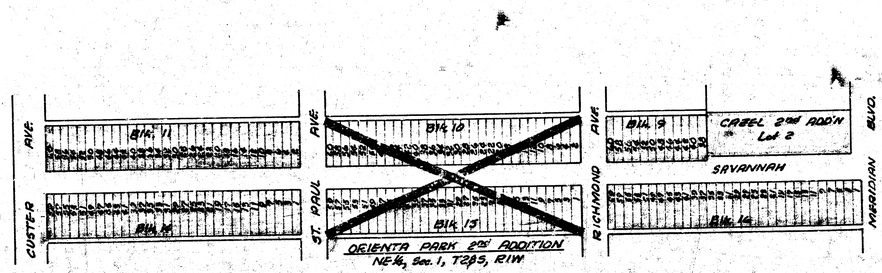
SAVANNAH AVENUE

from the EL of Custer to the WL of St. Paul

&

from the EL of Richmond to the WL of Meridian

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.



SCALE: 1" = 150'

GENERAL NOTES:

(1) CONSTRUCT ROLL-TYPE CURB ON THIS PROJECT. CURBS SHALL BE DEPRESSED THROUGH DRIVES WHERE DRIVES ARE CONSTRUCTED AS A PART OF THIS CONTRACT. NO MORE THAN 36 DRIVES ARE TO BE CONSTRUCTED WITHIN THIS PROJECT.

(2) PAVEMENT SHALL BE 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE AND 2" WEARING SURFACE).

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

(4) 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 GRADED SURFACE.

(5) WINGED 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.

(6) 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 RESIDENCES AFFECTED BY THIS PROJECT DURING CONSTRUCTION.

(7) 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.

(8) CONTRACTOR TO BID ONLY ONE SIDE-HAUL EXCAVATION ALTERNATE. ALTERNATE CHOSEN BY THE ENGINEER HEREIN SHALL BE USED FOR CONSTRUCTION OF THIS PROJECT.

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

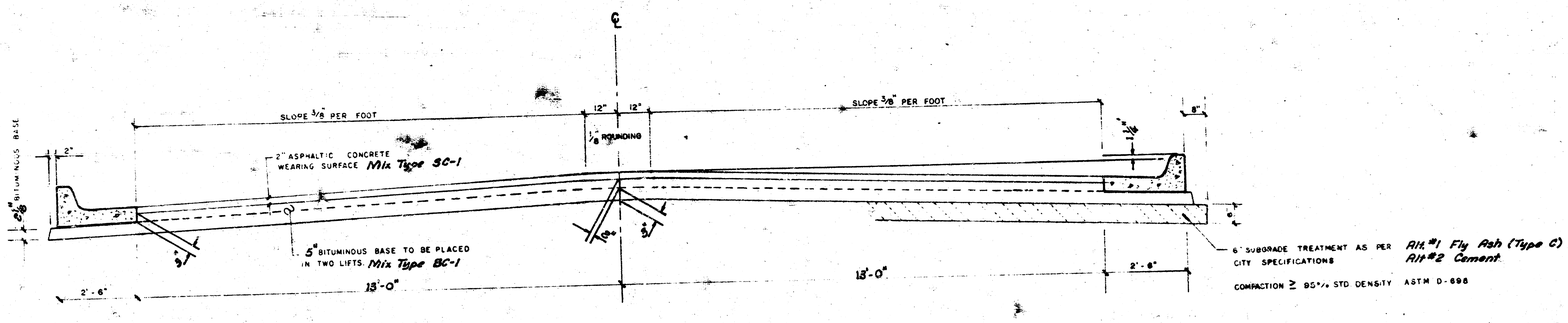
(10) THE "BORROW" SHOWN ON THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY. "BORROW" WILL NOT BE PAID IN CONNECTION WITH THIS PROJECT. THE CONTRACTOR SHALL SEQUENCE HIS WORK SO THAT EXCESS DIRT FROM OTHER PROJECTS IN THIS AREA CAN BE USED AT NO COST TO THIS PROJECT.

DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

PROJECT DESCRIPTION		
SAVANNAH AVE. (Custer to St. Paul) (Richmond to Meridian)		
PROJECT NUMBER 472-76-245-81171-000-000-001		
BOOK NO. DCD-226	APPROVED BY	DATE 1-83
DRAWN BY WSK		REVISED
CITY OF WICHITA DEPARTMENT OF ENGINEERING		
DIRECTOR OF PUBLIC WORKS / CITY ENGINEER R. W. BRUGGEMAN		Sheet 1 of 7

1/7

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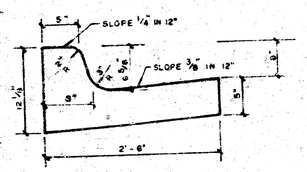
TYPICAL SECTION

ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

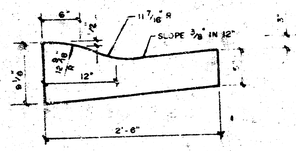
A TACK COAT OF EMULSIFIED ASPH (SS-1H or CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
BITUMINOUS 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 7" A.C. PAVEMENT (5" BITUMINOUS BASE).
THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 8½" BITUMINOUS BASE.

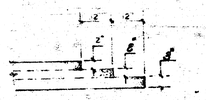
COMBINED CURB & GUTTER



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

SAVANNAH AVE. (2/7) 2/7

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DCD-226
WSH

BM 103.24 "R" in Ritchie, Top Curb @ S-end, SE Rtn, Maxwell & Custer.
BM 104.05 Top Ch. @ S-end, SE Rtn, Hadden & Custer.

SCALE: 1"=20'

10' Transition from Std. to Roll Curb (Paid as Roll Type)

600'

Roll Curb @ -0.1966%

Iron Sta. 0+00 (P.F.N.)

CUSTER AVE

Meet Existing Pav't

Sta. 0+35(P) Start Pav't

15' Rad.

Existing Pavement

50' Crown Grade Transition

Existing Valley Gutter to remain.

Water Meter

Water Meter Box

Remove 15" RCP

SAVANNAH AVE

6" P.C. Water

2" Gas Line

Remove 15" RCP

Remove Posts, Work incidental to project

Row 10" Posts

Water Meter Box

20' Rad. Sta. 6+30

End Pav't Sta. 6+35(P), 6+34.50(N) Power Pole

Iron Sta. 6+45.1(P), Sta. 6+45.9(N)

ST. PAUL AVE

Existing Pavement

Meet Existing Pav't

0+50 1+00 1+50 2+00 2+50 3+00 3+50 4+00 4+50 4+75 5+00 5+50 6+00

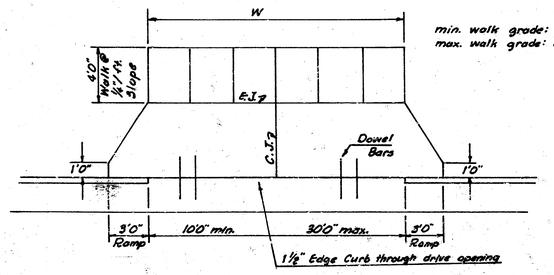
Roll Curb @ -0.1955%

Roll Curb @ -0.2875%

PVI
ELEV. 102.68

600'

10' Transition from Std. to Roll Curb (Paid as Roll Type)



SPECIAL DRIVE DETAIL

min. walk grade: 0.00
max. walk grade: 0.60

	Excavation	Compacted Fill	Borrow
	626.4	60.2	32.7
+10%	49.6	6.0	3.3
	766.0	642	36.0

MANIPULATION 43122 SY

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.

PROJECT DESCRIPTION
SAVANNAH AVE.

PROJECT NUMBER
472-76-245-81171-000-000-001

Sheet 3 of 7

3/7

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BM See Sheet 3

SCALE: 1"=20'

DCO-226

RICHMOND AVE

SAVANNAH AVE

MERIDIAN BLVD

Meet Existing Pav't

Sta. 13+85 (24.1N)
Start Pav't

20' Rad.
Sta. 13+60

Existing Valley Gutter to remain
Start Pav't
Iron Sta. 13+63 (24.1N)

Existing Pavement

50' Crown Grade Transition

Remove 15" RCP

2" Gas Line

6" A.C. Water

Conc. Drive

Water Meter

10' Transition Roll to Std. Curb
(Paid as Roll Type)

Std. Curb

598.9'

Roll Curb @ -0.227%

Sta. 19+34.2(P)
Sta. 19+34.2(N)

End Pav't
Sta. 19+53.9(N)

15' Rad.
Sta. 19+47.4

15' Rad.
Sta. 19+46.19

End Pav't Sta. 19+56.0(P)
19+65.7(P), (19+54.19(N))
Power Pole w/ Line

Existing Valley Gutter to remain

399'

Roll Curb -0.207%

14+00 14+50 15+00 15+50 16+00 16+50 17+00 17+50 18+00 18+50 19+00

PROJECT DESCRIPTION
SAVANNAH AVE

PROJECT NUMBER
472-76-245-81171-000-000-001

Sheet 4 of 7

SAMANTHA AVE.

25 20 15 10 5 0 5 10 15 20 25

Total all sheets
Cut 635.4 CY
Fill 4015.3 CY
Compacted Fill 6C.2 CY

Total this sheet
Cut 157.2 CY
Fill 210.0 CY
Compacted Fill 874 CY

Start Pavt 0+35

0+50 C=23.0 SF F=8.5 SF

1+00 C=11.4 SF F=7.2

1+50 C=6.5 SF F=8.8 SF DF=4.0

2+00 C=8.9 SF F=9.4 SF CF=4.0

2+50 C=3.4 SF F=10.4 SF CF=6.7 SF

3+00 C=3.2 SF F=8.4 SF CF=1.8

3+50 C=8.4 SF F=14.4 SF DF=3.4

4+00 C=14.1 SF F=18.8 SF CF=3.2 SF

4+50 C=18.9 SF F=17.2 SF CF=1.8

5+00 C=7.7 SF F=12.2 SF CF=5.7

5+50 C=3.5 SF F=10.4 SF CF=6.7 SF

6+00 C=9.9 SF F=9.4 SF CF=4.0

6+50 C=6.5 SF F=8.8 SF DF=4.0

7+00 C=11.4 SF F=7.2

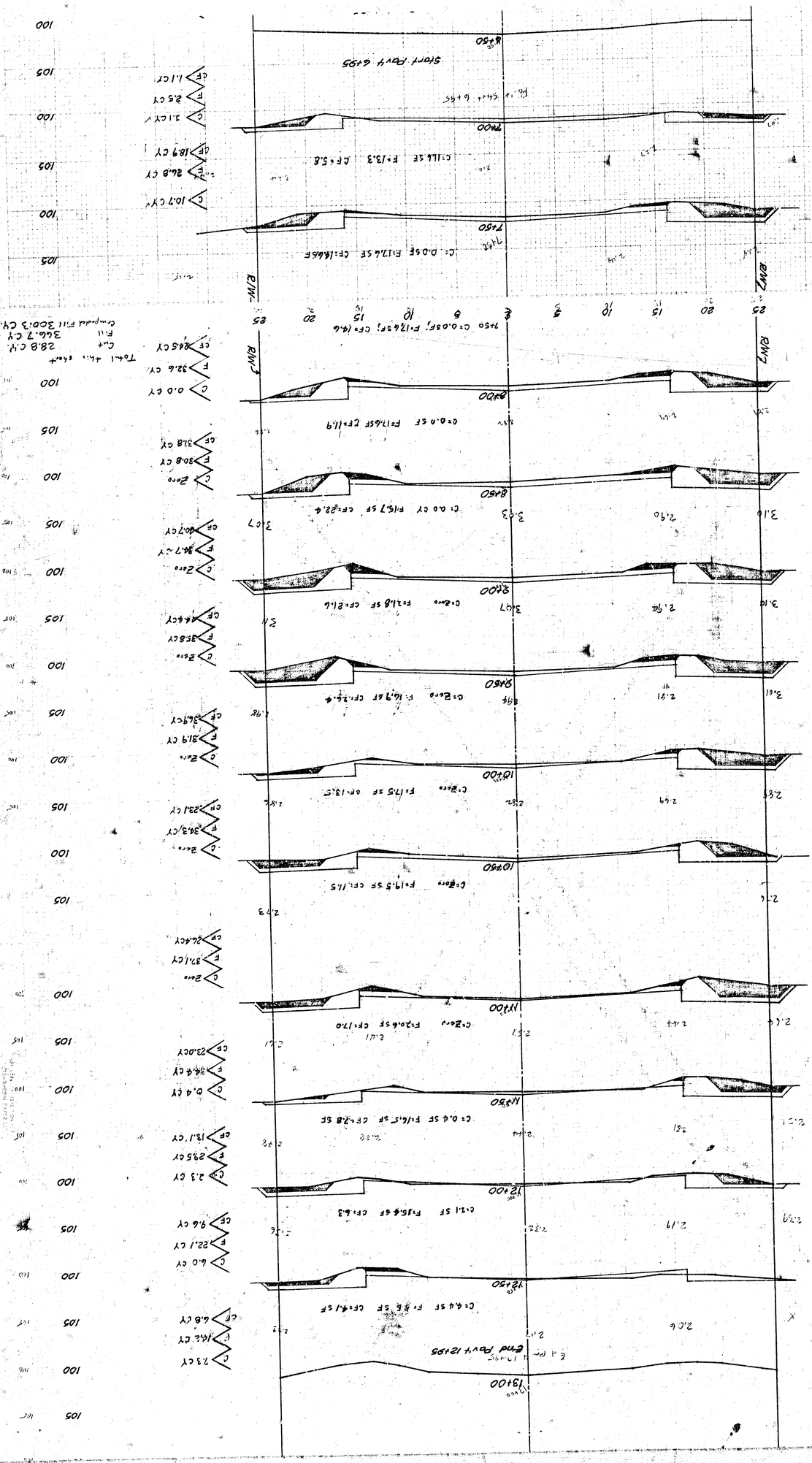
7+50 C=23.0 SF F=8.5 SF

End Pavt 7+35

Start Pavt 13+55

End Pavt 14+35

| | | |

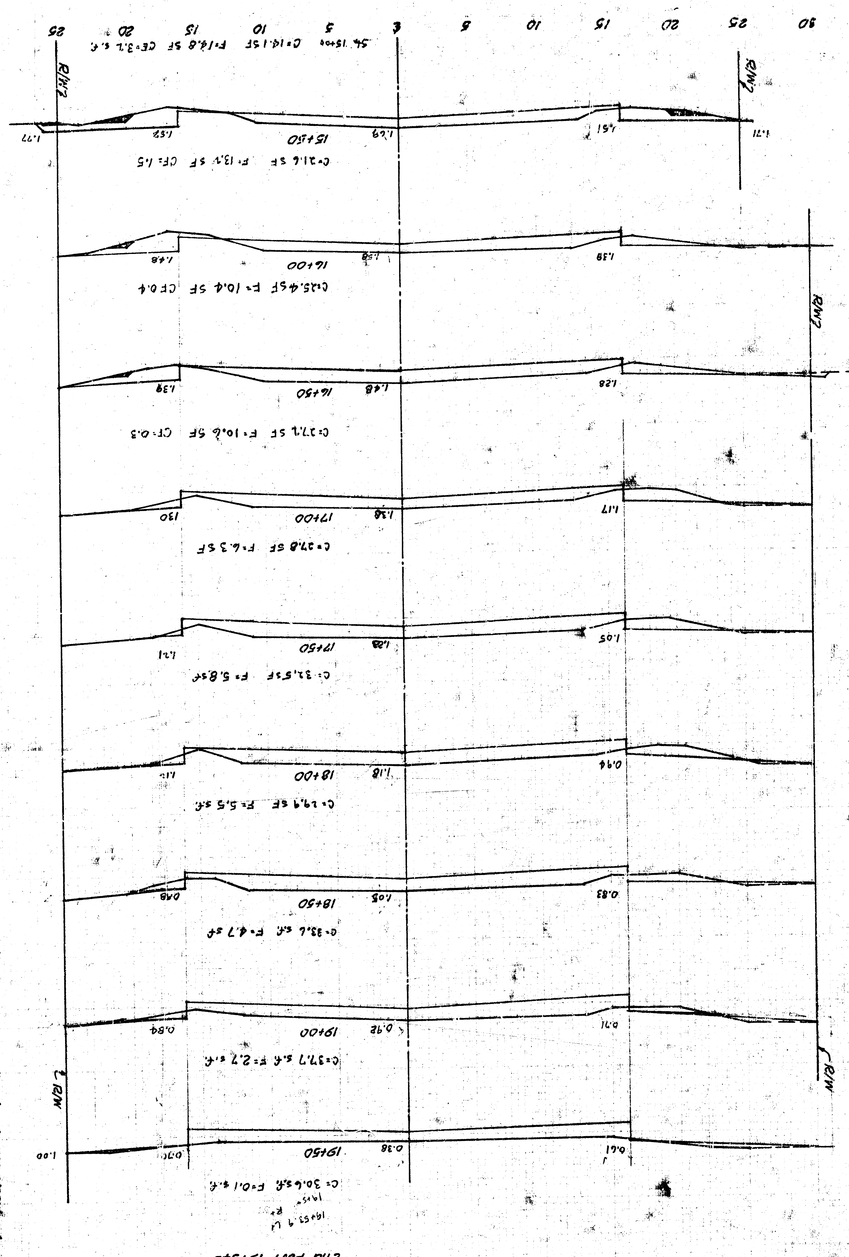

SAVANNAH AVE.
ST. PAUL TO WL. RICHMOND
612-%-345-8323-000-000-001
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SAVANNAH AVE

Sheet 7 of 7

19 3 15


90 25 20 15 10 5 0 5 10 15 20 25
24" 1500 Q=19.1 SF F=18.8 SF CF=3.2 s.f.
RWY
15+50
C=31.6 SF F=13.7 SF CF=1.5
16+00
C=35.4 SF F=10.4 SF CF 0.4
16+50
C=37.7 SF F=10.6 SF CF=0.3
17+00
C=37.8 SF F=6.3 SF
17+50
C=31.5 SF F=5.8 SF
18+00
C=29.9 SF F=5.5 s.f.
18+50
C=33.6 s.f. F=4.7 s.f
19+00
C=37.7 s.f. F=2.7 s.f.
19+50
C=30.6 s.f. F=0.1 s.f.
End Pavt 19+54.1
1653.9 LF
N35° E
0.84
0.92
0.71
0.83
0.94
0.38
0.61
0.70
1.00
1.77
1.69
1.51
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