SCHEDULE OF DRIVES	
Station	Width
10+36.0 Rt.	24'-0"
10+73.5 Lt.	24'-0"
11+08.0 Rt.	24'-0"
11+80.0 Rt.	24'-0"
12+30.5 Rt.	10'-8"
12+43.5 Lt.	24'-0"
12+71.7 Rt.	10'-8"
12+85.8 Rt.	10'-8"
13+26.9 Rt.	10'-8"

Scale 1"=20'

Sta. 10+00 Begin Street Construction See Detail Below

Note: See Sh. No. 2 for Temp. Ditch Details

Temp Ditch

20th. STREET

Proposed 8" Water Line

8" Sanitary Sewer Easement

10' Util. Easement

Slope = +1.00% Lt. & Rt.

Slope = -0.32% Lt. & Rt.

Sta. 13+73.05 Const. Conc. Valley Gutter See Detail Below

Sta. 13+77.06 End Street Construction

℄ Curve Data (Arc)
Δ = 22°27'27"
R = 420.00'
L = 164.62'
T = 83.38'

Contractor to saw cut & remove exist. Conc. Pvmt. in neat line 2'-6" from bk. of Curb. Exist. reinf. steel to be preserved to extend into new construction. Cut exist. steel where necessary to maintain 2" clearance from bk. of curb.

Exist. Water Line

Exist. 8" Water Line

℄ OLD MANOR

Warp Crown

50' V.C.

BM - City of Wichita disc 33' west & 42' north of c/l Int. 21st St. & Oliver El. = 217.82

BM - Chis. "O" on east end of Curb Return at SE. Cor. Int. 20th St. & Old Manor El. = 229.25

PLAN

Variable Width

SECTION B-B

Property Line
Sidewalk
#4 dowel bars
Hex Sht.
Ck
Cb
Hay Joint
Temp. 6'-0"
Not less than 10'-0"

DRIVE APPROACH DETAIL

2'-6" 10'-6" 4'-0"
Std. Curb
½" Preformed Exp. Jt. Filler
Sidewalk
Slope ¼"/ft. (Min)
Slope 0.109'/ft. (Max)
Compacted Subgrade
Treated Subgrade

SECTION THRU DRIVE

5" Bituminous Base
See Detail Below
6"
2" Asphalt Conc. Surface
Slope 3/8" in 12"
1/8" Rounding
Relative Elev. 99.80
Elev. 99.41
Elev. 100.00
3-1/16" in 12" (Max.)
3-1/4" in 12" (Min.)
14'-6" (Typ.)
6:1 in Cut
6:1 in Fill
6" Bituminous Base to be Placed in Two 3" Lifts
6" Subgrade Treatment
2'-6"
13'-0"
2'-6"
12"

TYPICAL SECTION
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

Sym. about ℄
15'-6"
15'-6"
#4 Dowel bars
19'-6" R
22'-0"
U bar
Const. Jt.
Cont. Jt.
Construct Integral Curb on Valley Gutter - See Detail
40'-6"
69'-0"
24'-0"
5'-0"
13'-0"
19'-6"
Match Existing Conc. Pavement
℄ Grade & Sta. as shown on Plans
℄ OLD MANOR

HALF PLAN - REINFORCING
HALF PLAN - JOINTS

VALLEY GUTTER DETAIL

BAR LIST (Valley Gutter)		
Quantity	Length	Shape
2	24'-0"	
6	6'-0"	
1	44'-6"	
1	73'-0"	
2	2'-0"	
2	5'-0"	
2	9'-6"	
2	28'-0"	
4	14'-0"	
2	16'-0"	

All bars are #6 bars except dowel bars.

5" Slope ¼" in 12" Slope 3/8" in 12" 1-3/16" 13" 8" 6" 2'-6"

STANDARD CURB & GUTTER DETAIL

5" 2"R 3"R Valley Gutter 13" 6" Dowel bar (See Note 3)

STANDARD INTEGRAL CURB DETAIL

℄ Grade as shown on Plans
4'-0"
15'-0"
2" Bituminous Base
Reinforcing

SECTION A-A

APPROVED AS NOTED
BY CITY ENGINEER, WICHITA, KANSAS
Construction Engineer
Date 9-20-78
Paving

HOLD FOR BONDS AND CONTRACT 9-22-78

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, Plans, and Inspection.

NOTES

1. A tack coat of emulsified asphalt (SS-1H) shall be applied at an approx. rate 0.05 Gal. per sq. yd. between lifts of asphalt materials when ordered by the Engineer.
2. Bituminous Base and Asphaltic Concrete Wearing Surface shall be placed with a laydown machine having automatic electronic controls for crown and grade. Construction Joints in each lift shall be staggered a minimum distance of 12" with joints in preceding lifts and placed such that a joint will be constructed on the centerline in the top lift.
3. Integral Curb shall be tied to the pavement base with short deformed dowel bars spaced at 2'-6" intervals. These dowel bars shall be not less than ½" or more than ⅝" in diameter.
4. All Construction & Materials to comply with Standard City of Wichita Specifications. Construction is to be inspected by the Dept. of Public Works Inspection.

KENNETH D. EVANS LICENSED 6759 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA
SEDGWICK COUNTY, KANSAS

TIMBROOK
STREET & DRAINAGE IMPROVEMENTS

C of W Project No. 472-76-245-907[illegible]-000-000-[illegible]

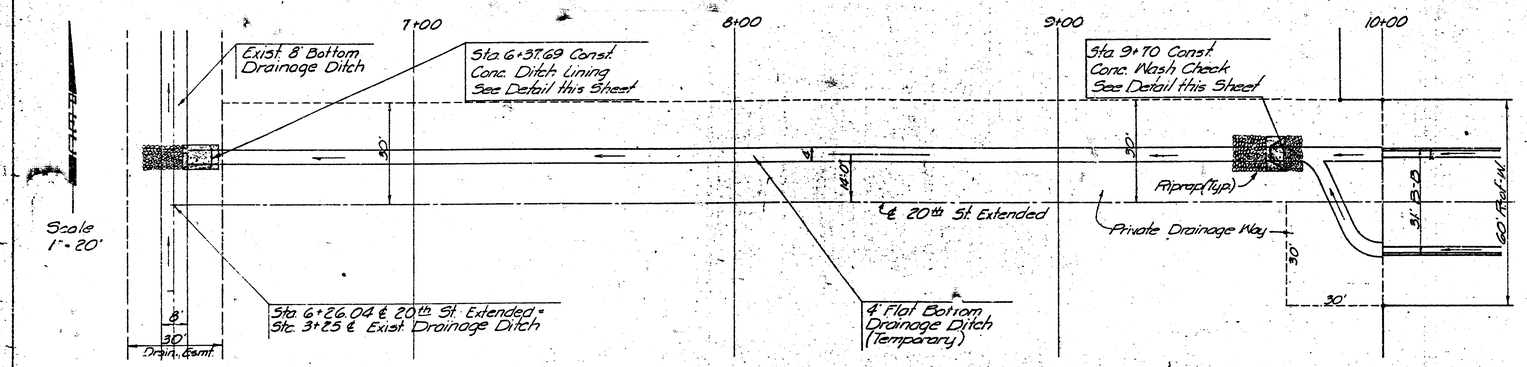
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	KE	Checked by	KE
Drawn by	DD	Date	Sept. 1978

Job No. 78305

Sheet 1 of 2

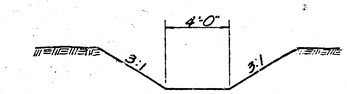
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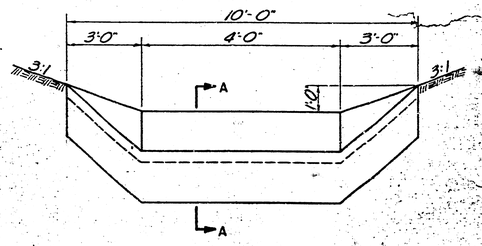
PLAN

BM - City of Wichita disc 33' west & 42' north of ctr. Int. 21st St. & Oliver El. = 217.82

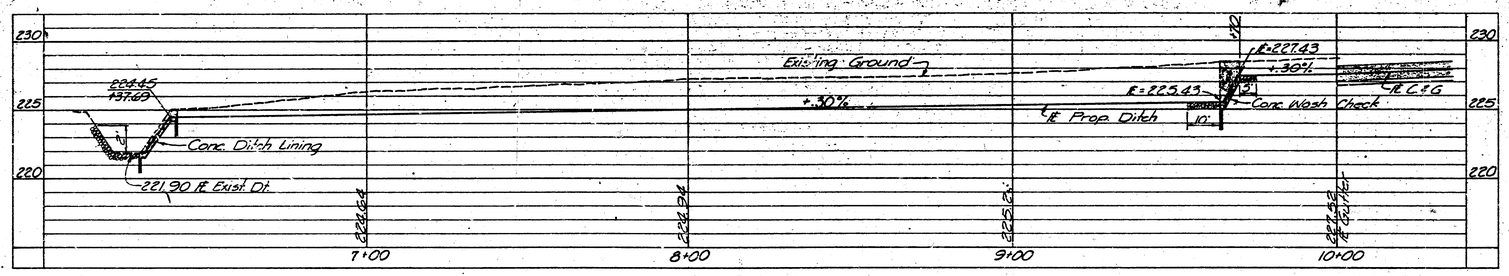
BM - Chis. "a" on east end of Curb Return at SE. Cor. Int. 20th Street & Old Manor El. = 229.25



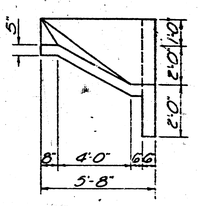
TYPICAL SECTION DRAINAGE DITCH



ELEVATION

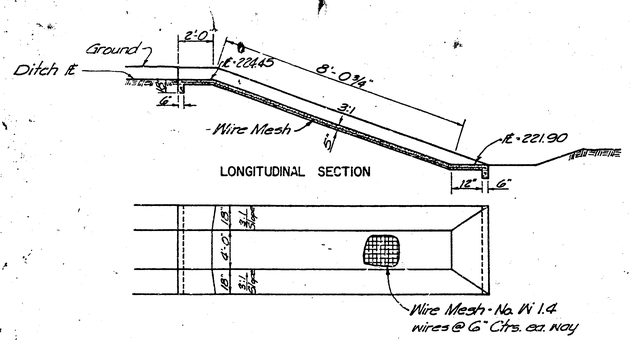


PROFILE



SECTION A-A

CONCRETE WASH CHECK DETAILS



CONCRETE DITCH LINING DETAILS

Note: Riprap to be broken concrete placed 18" thick with all protruding steel removed.

KENNETH D. EVERETT LICENSED 6759 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA
SEDGWICK COUNTY, KANSAS

TIMBROOK
STREET & DRAINAGE IMPROVEMENTS

C of W Project No. 472-76-245-80732-000-000-008

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by KE	Checked by KE		
Drawn by DD	Date Sept. 1978	Job No. 78305	

Sheet 2 of 2 Sheets