1st STREET

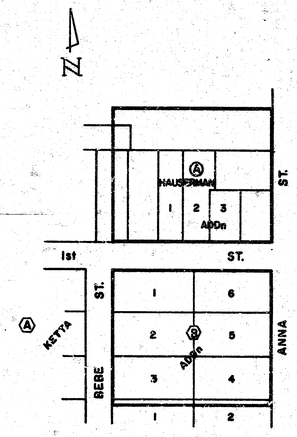
E.L. BEBE ST. TO W.L. ANNA ST.

CITY OF WICHITA, KANSAS

R.W. BRUGGEMAN DIRECTOR OF ENGINEERING / CITY ENGINEER

DATE:

PROJ. NO. 472 76 245 81118 000 000 001

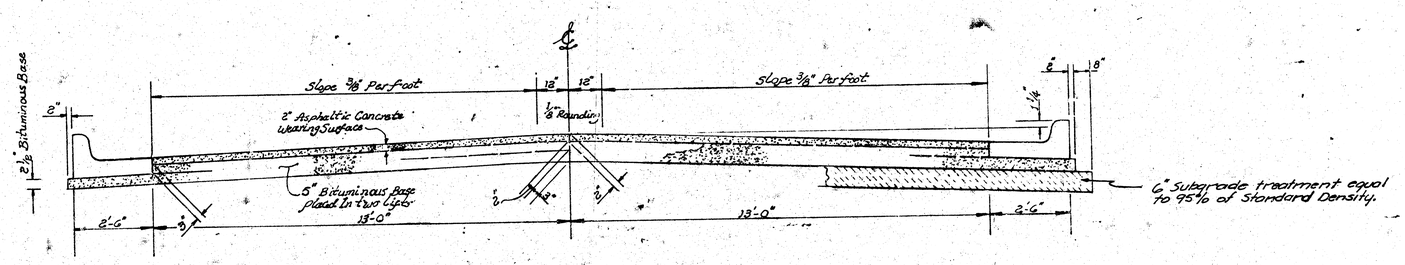


LOCATION MAP
SCALE: 1" = 150'

STEPHEN R. LACKEY
LICENSED
7714
KANSAS
PROFESSIONAL ENGINEER

1/4

1/4



TYPICAL SECTION

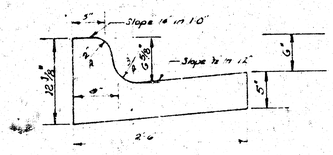
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

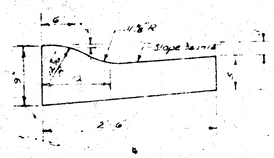
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as Sq. Yds. 7" A.C. Pavement (5" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq. Yds. 2½" Bituminous Base.

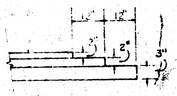
COMBINED CURB & GUTTER



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 ASPHALTIC CONCRETE PAVEMENT.

(2/4)

1st ST.

E.L. BEBE ST. TO W.L. ANNA ST.

CITY OF WICHITA, KANSAS

PROJ. NO. 472 76 245 81118 000 000 001

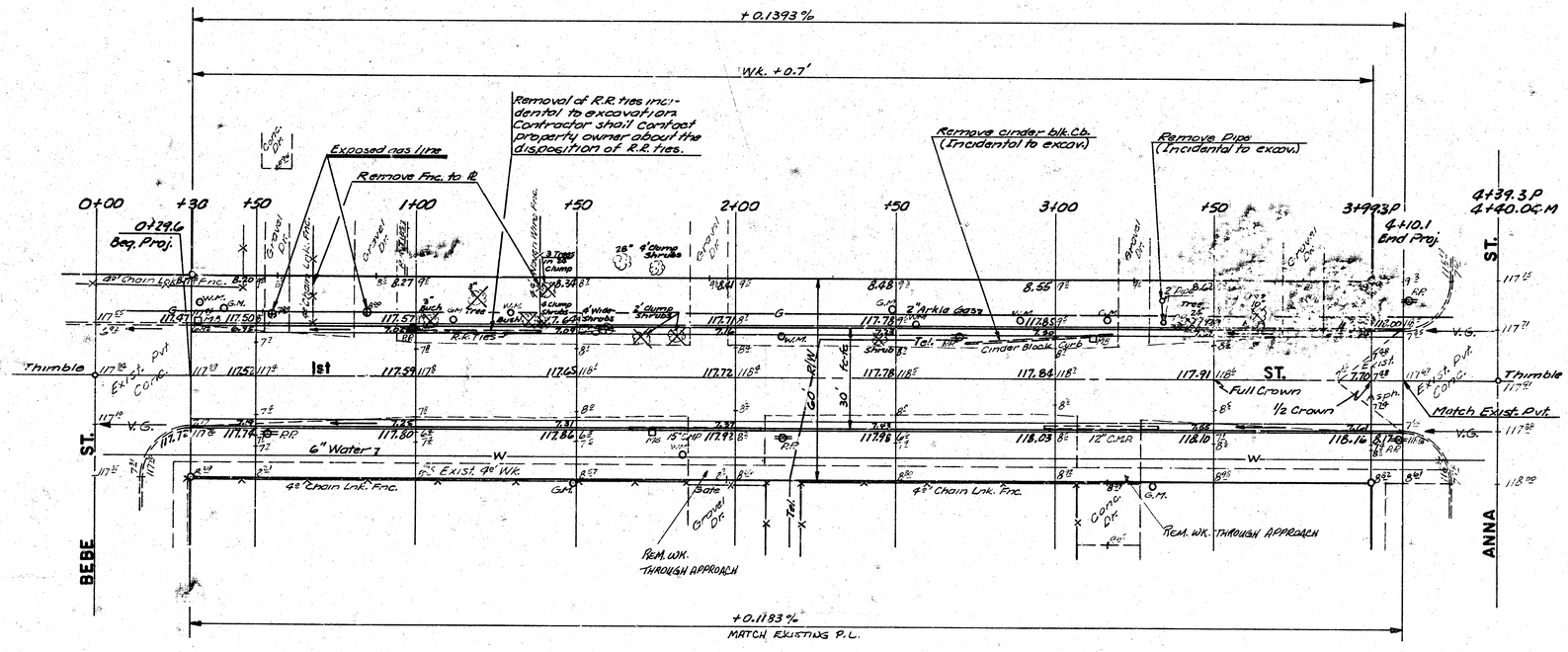
B.M. 119.644 Anna ∮ 2nd St, City Std. Disc 42' West ∮ 34' N. of ℄ both
B.M. 119.70 Anna ∮ 1st St., R.R. spk., South side power pole at N.W. Cor. of Anna ∮ 1st St.

Survey M.G.
Plan O.E.C.
Exc.
Checked

Bk M6/4

N

Scale: 1" = 20'



SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

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.

NOTE: Bushes ∮ shrubs to be removed are marked thus ⊗. Removal shall be incidental to excavation.

NOTE: Trees to be removed are marked thus ⊗ Except that any tree marked for removal, which in the opinion of the Engineer can be saved, shall be spared.

Earthwork

Excav.
828.6 C.Y.
+10% 82.9
911.5 C.Y.

T-20 DRIVES
Manipulation = 1380.8 S.Y.

3/4

1st ST.

E.L. BEBE ST. TO W.L. ANNA ST.

CITY OF WICHITA, KANSAS

PROJ. NO. 472 76 245 81119 000 000 001

E.L. BEBE ST. TO W.L. ANNA ST.

CITY OF WICHITA, KANSAS

PROJ. NO. 472 76 245 81118 000 000 001

1st ST.

4/4

1 of 1 Sht

TOTAL EARTHWORK
EXCAV. FILL
PREP. B.C. C.Y. 4/3 C.Y.

0+27.6 CONC-BOBB BEGIN

1+00 | 1+50 | 2+00 | 2+50 | 3+00 | 3+50 | 3+99.3 W.L. ANNA END

STA. 0+00 0+50 1+00 1+50 2+00 2+50 3+00 3+50 3+99.3

ELEV. 1120.00 1115.00 1120.00 1115.00 1120.00 1115.00 1120.00 1115.00 1120.00 1115.00 1120.00 1116.00 1120.00 1115.00 1120.00 1115.00 1120.00

C = 6.6' F = 0 | C = 68.1' F = 3.0' | C = 60.2' F = 4.3' | C = 66.0' F = 0.2' | C = 73.6' F = 0 | C = 68.1' F = 2.0' | C = 66.3' F = 2.2'

C = 79.1' F = 0 | C = 68.1' F = 3.0' | C = 60.2' F = 4.3' | C = 66.0' F = 0.2' | C = 73.6' F = 0 | C = 68.1' F = 2.0' | C = 66.3' F = 2.2'

C = 0.8' C = 0.8' | C = 12.5' C = 7.6' C = 7.0' | C = 15.3' C = 31.1' C = 21.5' | C = 17.0' C = 20.0' C = 14.0' | C = 15.7' C = 33.1' C = 22.2' | C = 18.3' C = 32.1' C = 14.7' | C = 15.7' C = 25.9' C = 21.7' | C = 22.2' C = 22.2'

C 15.7' 2.2 C.Y. | C 84.5' 89.8 C.Y. 3.7 AVG. 0.9 C.Y. F | C 44.4' 116.9 C.Y. 3.7 AVG. 6.9 C.Y. F | C 92.0' 97.0 C.Y. 4.4' AVG. 3.1 AVG. 5.7 C.Y. F | C 39.2' 0.2 C.Y. 4.4' AVG. 0.1 AVG. 0.2 C.Y. F | C 68.1' 128.1 C.Y. 68' AVG. 4.0 AVG. 19 C.Y. F | C 66.1' 122.6 C.Y. 4.4' AVG. 2.6 AVG. 8 C.Y. F

C = 4.6' C = 0.8' | C = 79.1' C = 12.5' C = 7.6' C = 7.0' | C = 15.3' C = 31.1' C = 21.5' | C = 17.0' C = 20.0' C = 14.0' | C = 15.7' C = 33.1' C = 22.2' | C = 18.3' C = 32.1' C = 14.7' | C = 15.7' C = 25.9' C = 21.7' | C = 22.2' C = 22.2'

F = 2.2' | F = 2.0' | F = 2.0' | F = 0.2' | F = 0 | F = 2.0' | F = 3.0' | F = 4.3'

10.8'

4+3.3