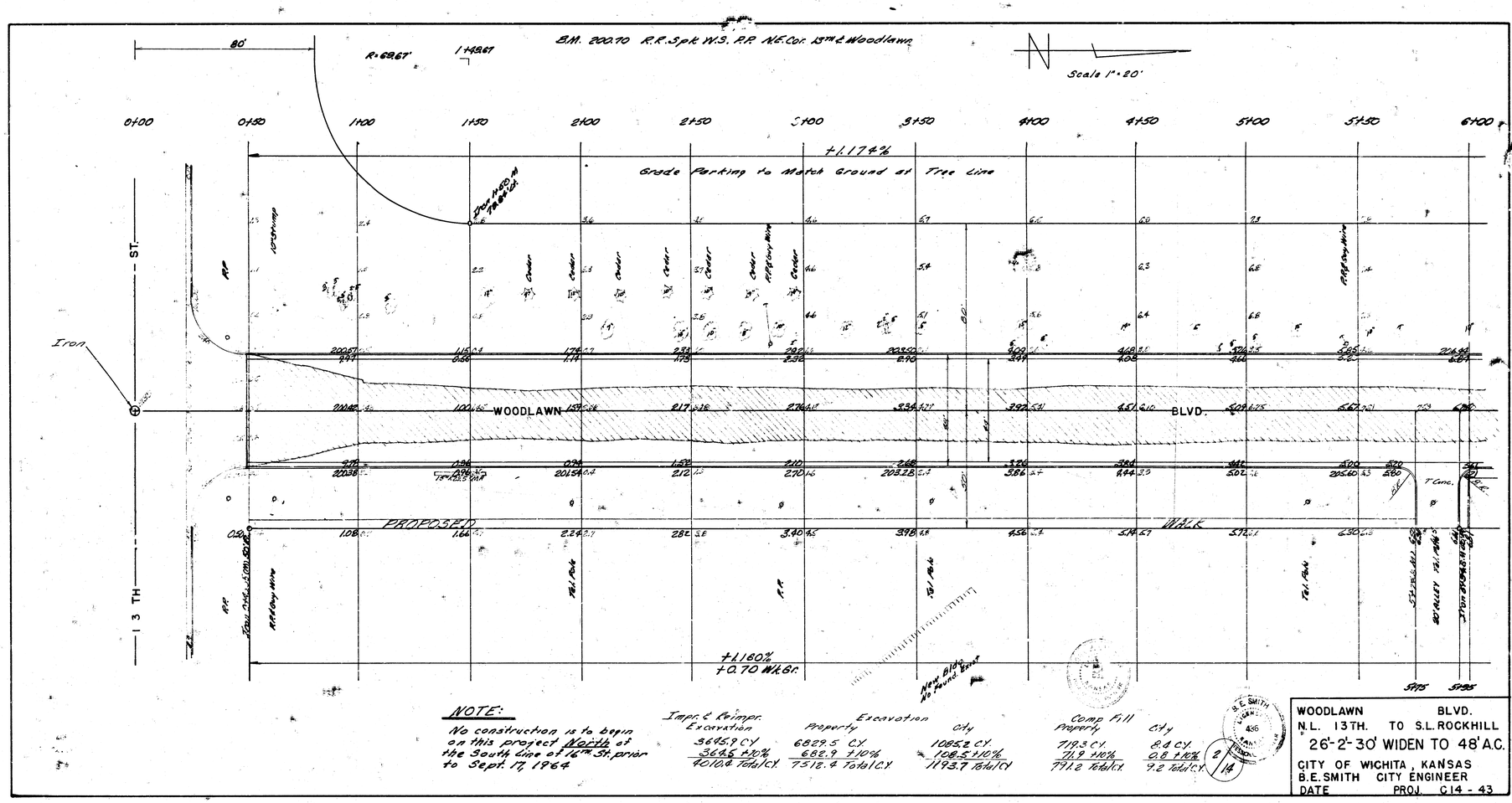
WOODLAWN BLVD

N. L. 13TH. TO S.L. ROCKHILL LANE
PROJECT C 14 - 43



NOTE:

No construction is to begin on this project North of the South line of 16TH St. prior to Sept. 17, 1964

	Impr. & Reimpr. Excavation	Property Excavation	City	Comp. Fill Property	City
	3695.9 C.Y.	6829.5 C.Y.	1085.2 C.Y.	719.3 C.Y.	2.8 C.Y.
	369.5 +10%	682.9 +10%	108.5 +10%	71.9 +10%	0.3 +10%
	4065.4 Total C.Y.	7512.4 Total C.Y.	1193.7 Total C.Y.	791.2 Total C.Y.	3.1 Total C.Y.

B.E. SMITH LICENSED ENGINEER 436 KANSAS

2/14

WOODLAWN BLVD.
N.L. 13TH. TO S.L. ROCKHILL
26'-2'-30' WIDEN TO 48' A.C.
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
DATE PROJ. C14 - 43

B.M. 209.38 Extreme S.W. Cor. Stone Slab Top McEwen Mon. SE Cor 14th & Woodlawn.

P.V.I. Elev 208.20 60' V.C. 7+50

P.V.I. Elev 210.00 140' V.C. 10+70

NOTE:
Set all drives on West Side (80' R/W) at 0.80' above Top CB. 30' from ℄ All drive constr. back of 50' to be 4" Concrete

6+00 6+50 7+00 7+20 7+50 7+80 8+02 8+50 9+00 9+50 10+00 10+40 10+70 11+00 11+50 12+00 12+50

+1.174% +0.563% -0.492%

Grade Parking to Match Ground at Tree Line

WOODLAWN

PROPOSED

BLVD.

WALK

14TH ST.

ABBOTSFORD PL.

+1.160% +0.70 Wtr. Gr. 2A Gr.

+0.473% ~~Variable Wtr. Gr.~~ ~~Use Elev. as shown~~

-0.323% ~~Variable Wtr. Gr.~~ ~~Use Elev. as shown~~

17' Conc. Dr.

18.5' Conc. Dr.

18.1' Conc. Dr.

House

NOTE:
COMPACT ALL SIDEWALK FILL FROM BOTTOM OF FAV'T. TO BOTTOM CA...

GRADE PARKING ON EASTSIDE TO MATCH EXIST. GROUND AT R...

3/14

B.M. 208.35 R.R. Spk. W. S. St. Light Pole N.E. Cor. 15th & Woodlawn

N

P.V.I.
Elev 206.85
60' V.C.
17+70

12+50 13+00 13+60 14+20 14+50 15+00 15+50 16+00 16+50 16+80 17+40 18+00 18+50 18+78.3

-0.492%

+0.533%

Grade Parking to Match Ground at Tree Line

WOODLAWN

BLVD.

15 TH ST.

ABERDEEN ST.

PROPOSED 20830

-0.323%
Variable Hite.
Use Elev. as shown

-9.769%
Variable Hite.
Use Elev. as shown

12.616%
Variable Hite.
Use Elev. as shown

NOTE
Drainage by Others

GRADE PARKING ON EAST SIDE TO MATCH EAST GROUND AT ℄

1/14

B.M. 208.95 R.R. Spk. W. Side Tel. Pole S.E. Cor. 16th & Woodlawn

NOTE: FIELD ENGR.
Check with office before constructing Return to Farmview Ln. West.

P.V.I.
Elev. 208.50
50' V.C.
20+00

P.V.I.
Elev. 212.80
120' V.C.
24+40

18+50 18+75 19+39 20+00 20+60 21+00 21+50 22+00 22+50 23+25 23+65 24+00 24+50 25+00

+0.533% +0.580% +0.988% +0.918% +3.422%

P.V.C. 25+80 P.V.T.

Grade Parking to Match Ground at Tree Line

Row of Shrubs & Trees

SPRING LN.

WOODLAWN BLVD.

16TH ST.

FARMVIEW LN.

+0.616%
Variable Width
Use Elev. as shown

±1.000%
Variable Width
Use Elev. as shown

+0.985%
Variable Width
Use Elev. as shown

+3.422%

23+20 23+90 24+40

P.V.I.
Elev 228.40
120' V.C.

NOTE:
Cross Section Comp. Fill
Fr. Sta 23+19.± to 26+50

GRADE PARKING ON EAST SIDE TO MATCH GRADE AT R/W LINE

5/14

+3.922% +1.925% 0.00% -2.398% +0.400% +0.50 Wk. Gr.

P.V.I Elev. 216.00 60' V.C. 25+33.5

P.V.I Elev 214.92 20' V.C. 25+81.3

P.V.I Elev 214.90 20' V.C. 26+06.2 26+00

P.V.I Elev 215.13 120' V.C. 26+80

B.M. 211.86 City Std. 38' Rt. Sta. 26+92

Ties To Iron ¼ Sec. Cor. S 7.50° S.W. 1 Ord. W. Edge Conc. Ø. P.P.) 36.25' S.W. No. 1 Bottle Cap S.I.S. P.P. 42.22' S.E. No. 1 Bottle Cap S.W.S. P.P.

25+00 25+45 26+50 26+46.61 27+00 27+50 28+00 28+20.51 28+80.51 29+50 30+00 30+50 31+00 31+50

+0.262% +0.50 Wk. Gr.

Note: Drainage by Others

BR. 25'-1" W.S. Elev. 25'-1" E.S. Elev.

Ex. Bridge Sta. 25+34.50

Proj. Asph. Conc.

Proj. Reinforcement Conc. Slab

Top Rail

Top Wires

Sta. 26+80 Ex. Bridge Sta. 26+46.61

Ex. Conc. Slab

Ex. Conc. Abut.

Ex. Conc. Wing

Ex. Conc. Pier

17TH ST.

Ex. Conc.

Ex. Asph.

Ex. Conc. Curb

Ex. Conc. Gutter

Ex. Conc. Sidewalk

Ex. Conc. Retaining Wall

Ex. Conc. Fence

Ex. Conc. Steps

Ex. Conc. Flume

Ex. Conc. Drive

Ex. Conc. Pavement

Ex. Conc. Curb & Gutter

Ex. Conc. Curb Inlet

Ex. Conc. Manhole

Ex. Conc. Headwall

Ex. Conc. Box Culv.

Ex. Conc. Pipe Culv.

Ex. Conc. Box Culv. Headwall

Ex. Conc. Pipe Culv. Headwall

Ex. Conc. Box Culv. Wing Wall

Ex. Conc. Pipe Culv. Wing Wall

Ex. Conc. Box Culv. Apron

Ex. Conc. Pipe Culv. Apron

Ex. Conc. Box Culv. Cut-off Wall

Ex. Conc. Pipe Culv. Cut-off Wall

Ex. Conc. Box Culv. Footing

Ex. Conc. Pipe Culv. Footing

Ex. Conc. Box Culv. Key

Ex. Conc. Pipe Culv. Key

Ex. Conc. Box Culv. Base

Ex. Conc. Pipe Culv. Base

Ex. Conc. Box Culv. Top

Ex. Conc. Pipe Culv. Top

Ex. Conc. Box Culv. Bottom

Ex. Conc. Pipe Culv. Bottom

Ex. Conc. Box Culv. Side

Ex. Conc. Pipe Culv. Side

Ex. Conc. Box Culv. End

Ex. Conc. Pipe Culv. End

Ex. Conc. Box Culv. Beginning

Ex. Conc. Pipe Culv. Beginning

Ex. Conc. Box Culv. Ending

Ex. Conc. Pipe Culv. Ending

Ex. Conc. Box Culv. Length

Ex. Conc. Pipe Culv. Length

Ex. Conc. Box Culv. Width

Ex. Conc. Pipe Culv. Width

Ex. Conc. Box Culv. Height

Ex. Conc. Pipe Culv. Height

Ex. Conc. Box Culv. Rise

Ex. Conc. Pipe Culv. Rise

Ex. Conc. Box Culv. Span

Ex. Conc. Pipe Culv. Span

Ex. Conc. Box Culv. Skew

Ex. Conc. Pipe Culv. Skew

Ex. Conc. Box Culv. Angle

Ex. Conc. Pipe Culv. Angle

Ex. Conc. Box Culv. Curve

Ex. Conc. Pipe Culv. Curve

Ex. Conc. Box Culv. Tangent

Ex. Conc. Pipe Culv. Tangent

Ex. Conc. Box Culv. Point of Curvature

Ex. Conc. Pipe Culv. Point of Curvature

Ex. Conc. Box Culv. Point of Tangency

Ex. Conc. Pipe Culv. Point of Tangency

Ex. Conc. Box Culv. Point of Intersection

Ex. Conc. Pipe Culv. Point of Intersection

Ex. Conc. Box Culv. Point of Reverse Curvature

Ex. Conc. Pipe Culv. Point of Reverse Curvature

Ex. Conc. Box Culv. Point of Compound Curvature

Ex. Conc. Pipe Culv. Point of Compound Curvature

Ex. Conc. Box Culv. Point of Spiral Curvature

Ex. Conc. Pipe Culv. Point of Spiral Curvature

Ex. Conc. Box Culv. Point of Vertical Curvature

Ex. Conc. Pipe Culv. Point of Vertical Curvature

Ex. Conc. Box Culv. Point of Vertical Tangency

Ex. Conc. Pipe Culv. Point of Vertical Tangency

Ex. Conc. Box Culv. Point of Vertical Intersection

Ex. Conc. Pipe Culv. Point of Vertical Intersection

Ex. Conc. Box Culv. Point of Vertical Reverse Curvature

Ex. Conc. Pipe Culv. Point of Vertical Reverse Curvature

Ex. Conc. Box Culv. Point of Vertical Compound Curvature

Ex. Conc. Pipe Culv. Point of Vertical Compound Curvature

Ex. Conc. Box Culv. Point of Vertical Spiral Curvature

Ex. Conc. Pipe Culv. Point of Vertical

B.M. 217.55 R.R. Spk. E.S. P.P. W.S. Woodlawn Ct. Sta 32+13
B.M. 218.26 "X" Cut N.W. Cor. Conc. M.H. Pk. Sta. 35+73

N

31+50 32+00 32+50 33+00 33+50 34+00 34+50 35+00 35+50 36+00 36+72.51 P 36+81.51 P

+0.262%

+0.50 W.K.G. → Grad W.K. +0.50 to +1.00 → +1.0 W.K.G.

P.O.T. Sta 33+89.20
Sq. Bolt on ℄ Woodlawn.

WOODLAWN

Constr. 4" A.C. Headuye

BLVD.

Proposed Walk

+0.20 W.K.G. →

+0.230%
+0.60 W.K.G.

ROCKHILL CT.

7/14

N

Scale : 1" = 20'

B.M. 208.35 R.R. spike W.S. life pole N.E. Cor. Woodlawn & 15th St.

B.M. 211.86 City Stand, E.S. Woodlawn, N.S. Frisco tracks

WOODLAWN

ABERDEEN ST.

FRISCO

15" R.C.P.

64"-12" R.C.P.

50"-15" R.C.P.

90"-18" R.C.P.

29" R.C.P.

remove pipe

plug existing pipe

Flare end sections

Flare end section

Flare end section

Flo in 209.50

Flo out 209.50

Flo in 208.50

Flo in 212.00

Flo in 211.70

Flo out 212.30

Flo in 211.80

Flo out 210.50

Flo out 210.00

T.C. 206.26

T.C. 206.23

T.C. 205.34

T.C. 205.38

T.C. 212.46

T.C. 204.60

T.C. 204.73

T.C. 204.70

T.C. 205.60

T.C. 205.76

R.R. spike

back of curb

grade line

NOTE : Flare end sections will be measured & paid at lin. ft. of R.C.P. Asph. mat removed & plugging of existing pipe are no-pay items incidental to the project. Construction must be coordinated with paving construction. Pipes will be laid after paving Contractor caters the street to traffic. Inlets are to be constructed after paving.

B. E. SMITH 435 REGISTERED PROFESSIONAL ENGINEER

INCIDENTAL DRAINAGE WOODLAWN BLVD. N.L. 13TH ST. TO S.L. ROCKHILL

CITY OF WICHITA, KANSAS
B.E. SMITH · CITY ENGINEER
, 1964 Proj. C14-43