103.55 B.M. #1 - R.R. Spike N.S. Bell Pole on E.S. Side Hillside Approx. 95' N. of ℄ 31st St. So.
129.90 B.M. #2 - R.R. Spike N.S. Power Pole N.S. Rutan S.Side 31ST St. So.
136.07 B.M. #3 - E.S.E. ℄ on flange of Fire plug N.W. cor. Sayles ℄ Rutan

NOTE: Full curb to be built bet. 21st & Dunham, & bet. Sunnybrook & Loss Parkway.
Roll curb to be built bet. Dunham & Sunnybrook.

Scale: 1"=20'

ST. SO

31ST

NEELY COURT

RUTAN STREET

SAILES AVE.

DUNHAM AVE.

+0.370%

+0.890%

+0.753%

+0.742%

+0.833%

+98.10

+9835

P.C. +22.47

P.T. +53.75

4+58.69

4+48.94

0+00 | +50 | +92 | 1+52 | 2+00 | +50 | +75 | 3+00 | +25 | 4+00 | +50 | 5+00 | +50 | 6+00

Const. AC. Roadway

½ Crown

Begin Full Crown

No Curb

Valley Gutter

End Full Crown

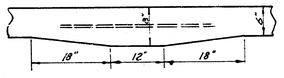
Roll C&G

No Crown

CURVE DATA BASED ON W.R. RAD. 9643.3 Δ = 7°48'					
STATION	ARC LENGTH	CHORD LEN. 8'@ W. CURB	CHORD LEN. 8'@ E. CURB	DEFLECTION	TOTAL DEFLECTION
2+22.47	P.C.			0° 00' 00"	0° 00' 00"
+50	27.53	27.67	29.18	0° 49' 04"	0° 49' 04"
+75	25.00	25.31	26.51	0° 44' 34"	1° 33' 38"
3+00	25.00	25.31	26.51	0° 44' 34"	2° 18' 12"
+25	25.00	25.31	26.5	0° 43' 38"	3° 02' 50"
+53.75	28.75	29.17	30.91	0° 51' 14"	3° 54' 00"

DEFLECTION PER FOOT OF CURVE = 1.78245'

NOTE:
Asphalt surface to be disposed of in Plainview Area in accordance with instructions of the Street Maintenance Superintendent.



USE #4 BARS, 3' LONG ON 2'-6" CTRS.

DETAIL OF MASTIC JOINT

RUTAN STREET
N'L 31ST ST. SO. TO SL ROSS PARKWAY
30' CONC. & CB.
CITY OF WICHITA, KANSAS
B. E. SMITH CITY ENGINEER
DATE: SEPT. 1960 PROJ. NO. C19-221

B.M. #4 137.79 S.W. Corner Conc. Porch House 2936 Rutan

P.I. 100' V.C. El. 125.70

+0.742%

-0.624%

-0.405%

6+00 +50 7+00 +50 8+00 +50 +90.51 9+50.51 10+00 +50 11+00 +50 12+00 +50

RUTAN

End Full Crown

½ Crown

½ Crown

½ Crown

Begin Full Crown

STREET

Valley Gutter

Valley Gutter

NO CURB

15" C.M.P.

RUTAN COURT

Catch Basins & Manhole to be Constructed by Others

P.I. 100' V.C. El. 125.18

-0.633%

-0.686%

-0.470%

B.M. #5 134.06 SW Corner Bottom Step Church N.E. Corner Rutan & Sunnybrook
B.M. #6 111.08 RR Spike W. Face P. Pole 10' E., 6' N of Iron S.E. Rutan & Ross Parkway

Scale: 1"=20'

-0.405%
-1.722%
-6.369%
-0.470%
-1.592%
-6.320%

12+50 13+00 +50 14+14.46 +7446 15+00 P.C. +44.70 +75 16+00 +25 +50 +75 17+00 +25 P.T. +54.15 18+00 +50 19+00

P.V.I. 200' V.C. El. 128.20
P.V.I. 200' V.C. El. 128.60

Non-std catch basin To be const. by others.

RUTAN STREET

SAYLES AVE.

SUNNYBROOK LANE

ROSS PARKWAY

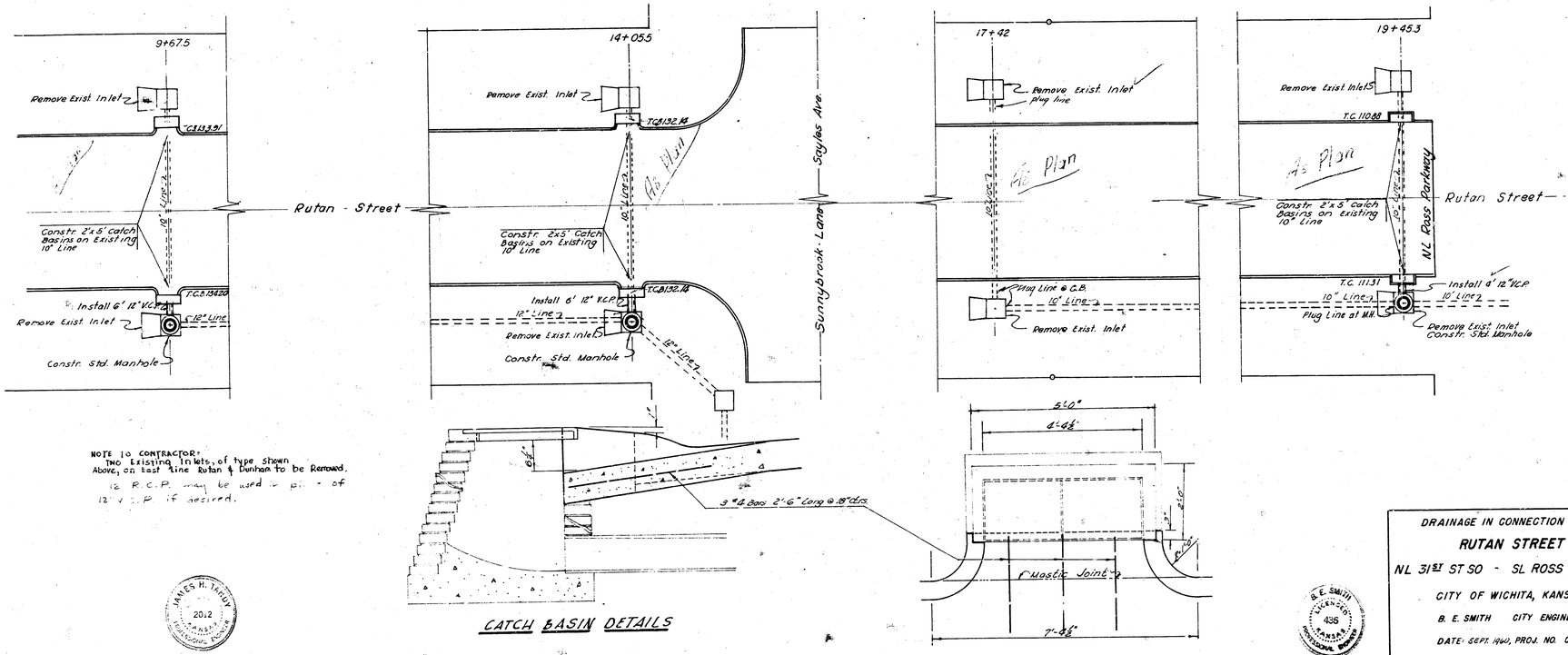
RUTAN ST.

Begin Full Cb.
End Roll Cb.
Roll Cb.
Full Cb.
IRON

CURVE DATA BASED ON WR Δ=12°25' CL: 20904					
STATION	ARC LENGTH	CHORD LEN & ⊗ W CURB	CHORD LEN & ⊗ E CURB	DEFLECTION	TOTAL DEFLECTION
15+43.70 P.C.				0° 53' 53"	0° 53' 53"
+75	31.30	30.67	32.11	0° 53' 53"	1° 47' 46"
16+00	25	25.31	26.50	0° 44' 18"	2° 32' 04"
+25	25	25.31	26.50	0° 44' 28"	3° 16' 32"
+50	25	25.31	26.49	0° 44' 27"	4° 01' 00"
+75	25	25.31	26.50	0° 44' 28"	4° 45' 28"
17+00	25	25.31	26.50	0° 44' 28"	5° 29' 56"
+25	25	25.31	26.49	0° 44' 27"	6° 14' 23"
+54.15 P.T.	29.15	29.52	30.90	0° 51' 57"	7° 06' 20"

R=966.62 (DEFLECTION PER FOOT OF CURVE = 1.778467)

7'-4½"
3"ø bars 2'-6" long @ 15" ctrs.
1" Mastic Joint
5'-0"
4'-4½"
R=1.0'
1'-6"
8½"
1"


9+67.5
Remove Exist. Inlet
T.C. 13439
Constr. 2'x5' Catch Basins on Existing 10" Line
T.C. 13420
Install 6' 12" V.C.P.
Remove Exist. Inlet
12" Line
Constr. Std. Manhole
Rutan - Street
14+05.5
Remove Exist. Inlet
T.C. 132.14
As Plan
Constr. 2'x5' Catch Basins on Existing 10" Line
Install 6' 12" V.C.P.
12" Line
Remove Exist. Inlet
Constr. Std. Manhole
Sunnybrook - Lane
Sayles Ave
17+42
Remove Exist. Inlet
plug line
As Plan
Plug Line @ C.B.
10" Line
Remove Exist. Inlet
19+45.3
Remove Exist Inlet
T.C. 110.88
As Plan
Constr. 2'x5' Catch Basins on Existing 10" Line
T.C. 111.31
Install 4' 12" V.C.P.
10" Line
Plug Line at M.H.
Remove Exist. Inlet
Constr. Std. Manhole
N.L. Ross Parkway
Rutan Street
NOTE TO CONTRACTOR:
TWO Existing Inlets, of type shown
Above, on East line Rutan & Dunham to be Removed.
12 R.C.P. may be used in pl. - of
12 V.C.P. if desired.
3"ø Bars 2'-6" Long @ 18" ctrs.
5'-0"
4'-6½"
Mastic Joint
7'-6½"
CATCH BASIN DETAILS
Survey Road
Plan
Est.
Checked
Bk. 141 P5
JAMES H. TANNER
20.2
KANSAS
REGISTERED ENGINEER
B. E. SMITH
LICENSED
435
KANSAS
REGISTERED ENGINEER
DRAINAGE IN CONNECTION WITH
RUTAN STREET
NL 31ST ST SO - SL ROSS PARKWAY
CITY OF WICHITA, KANSAS
B. E. SMITH CITY ENGINEER
DATE: SEPT. 1941, PROJ. NO. C19-221