# CEDAR LAKES VILLAGE 1ST ADDN.

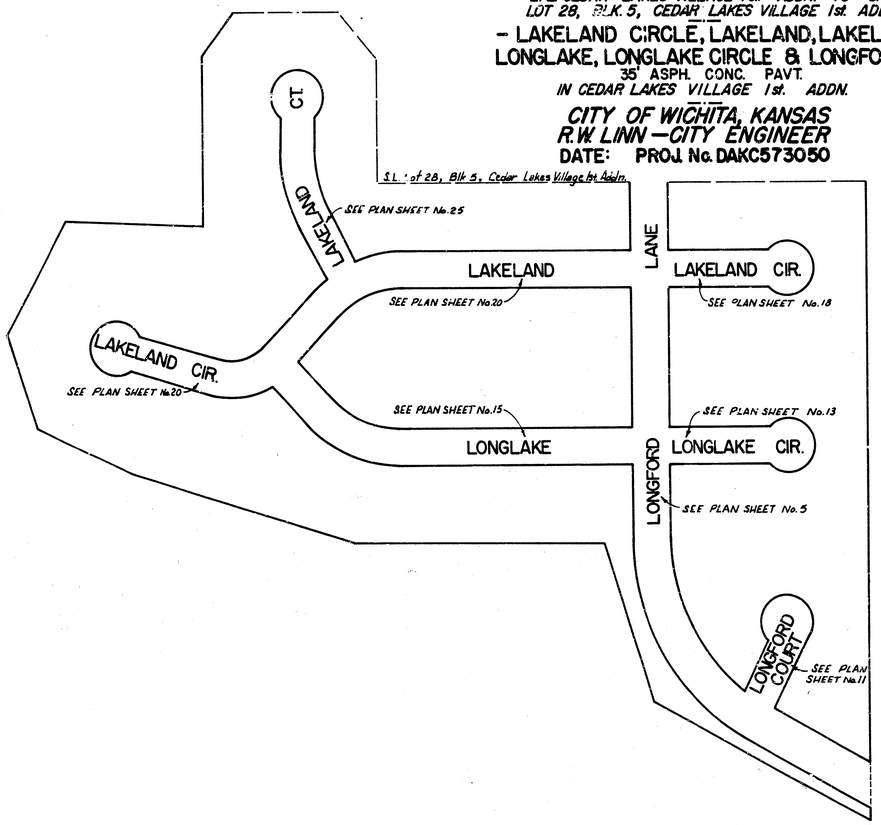
- LONGFORD LANE - 41' ASPH. CONC. PAVT.

E. L CEDAR LAKES VILLAGE 1st ADDN. TO S. L.
LOT 28, BLK. 5, CEDAR LAKES VILLAGE 1st. ADDN.

- LAKELAND CIRCLE, LAKELAND, LAKELAND CT., LONGLAKE, LONGLAKE CIRCLE & LONGFORD CT. -

35' ASPH. CONC. PAVT.
IN CEDAR LAKES VILLAGE 1st. ADDN.

CITY OF WICHITA, KANSAS
R.W. LINN - CITY ENGINEER
DATE: PROJ. No. DAKC573050



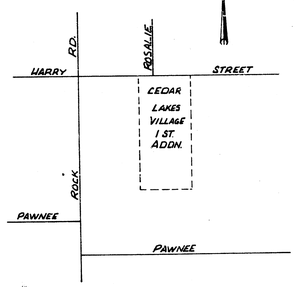

N

Scale: 1" = 100'

GENERAL NOTES

1. CONTRACTOR TO DETERMINE EXACT LOCATION OF UTILITIES IN THE FIELD.
2. CONTRACTOR TO CLEAR RIGHT-OF-WAY AND GRADE PARKING. FILL IN WALK AREAS TO BE COMPACTED. SIDEWALK BY "OTHERS".
3. FIELD ENGINEER SHALL DETERMINE TYPE OF SUBGRADE TREATMENT TO BE USED. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION OR ANY COMBINATION OF THESE.

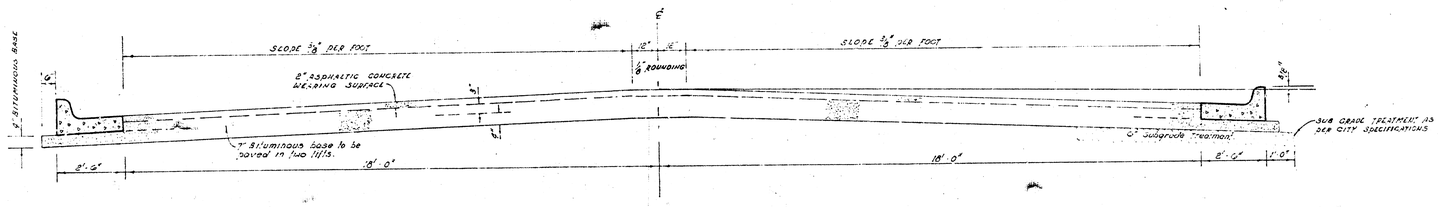
   LIME SLUDGE, WHICH IS A BY-PRODUCT OF ACETYLENE GAS PRODUCTION, MAY BE USED AS A STABILIZING AGENT IN PLACE OF HYDRATED LIME OR QUICK LIME WITH THE APPROVAL OF THE ENGINEER. COMPLETED CONSTRUCTION MUST BE EQUAL TO THAT WHICH COULD BE ACCOMPLISHED IF HYDRATED LIME OR QUICK LIME HAD BEEN USED.
4. ROLL CURB SHALL BE DEPRESSED THROUGH DRIVEWAYS CONSTRUCTED IN CONJUNCTION WITH THIS PROJECT.
5. WORK SHALL BE COORDINATED WITH INCIDENTAL DRAINAGE PROJECT TO BE CONSTRUCTED WITHIN THE STREET RIGHT-OF-WAY.




LOCATION MAP

1/26

# LONGFORD LANE



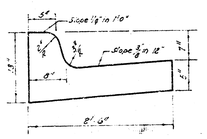

## TYPICAL SECTION

### 41' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

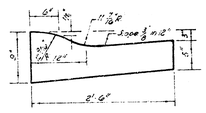
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT, BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR GROWN 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.

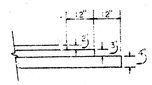
COMBINED CURB & GUTTER




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.

The A.C. pavement between the comb curb & gutter shall be paid as 39 yds 9" A.C. pavement (7" Bituminous base). The Bituminous base under the comb curb & gutter shall be paid as 39 yds 9" Bituminous base.

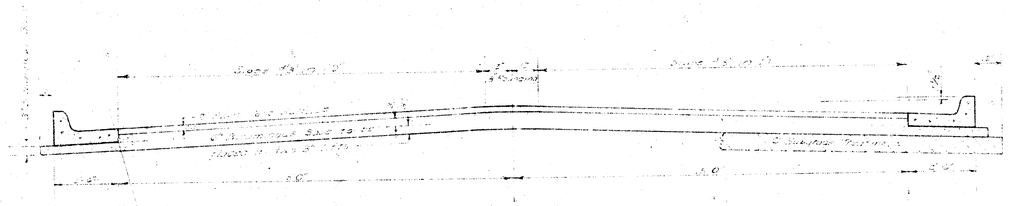
**CITY OF WICHITA, KANSAS**

DEPARTMENT of PUBLIC WORKS - Engineering Division.

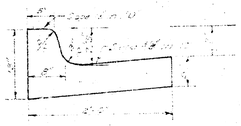
R.W LINN CITY ENGINEER

DATE _____ Proj No. 2/26

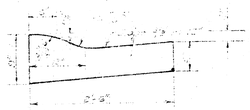
LAKELAND CIRCLE, LAKELAND, LAKELAND CT.,
LONGLAKE, LONGLAKE CIRCLE & LONGFORD CT.
*(ROLL-TYPE COMBINED CURB & GUTTER)*



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



# TYPICAL SECTION

## 35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-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 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 ELECTRONIC 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 curb & gutter to be same as Square A.C. Pavement (2" Limit) shown. The Bituminous Base under the curb & gutter shall be paid as Square Yards 3" Bituminous Base.*

## 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.

CITY OF WICHITA KANSAS

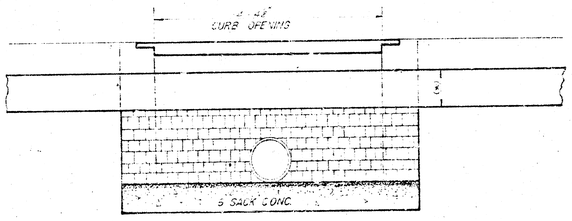
DEPARTMENT OF PUBLIC WORKS - Engineering Division

R.W. LINN CITY ENGINEER

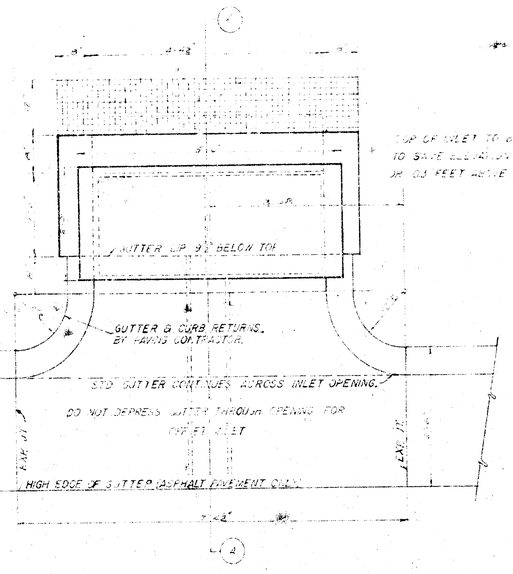
DATE _____ Proj. No.

3/20

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH ASPHALT BASE COURSE AND/OR WHEN PAVEMENTS HAVE ROLL CURB.

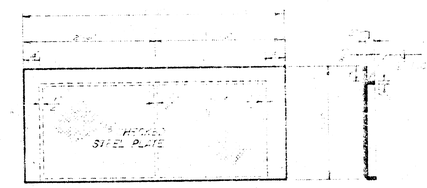



ELEVATION




PLAN

NOTE: STRUCTURAL STEEL FOR INLET COVER SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION A36.

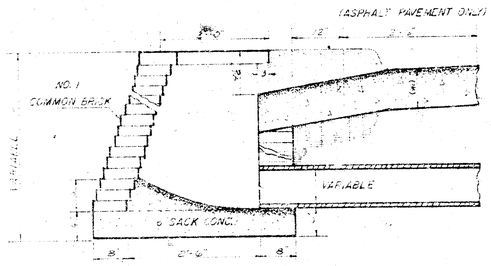



PLAN SECTION



ELEVATION

CITY OF WICHITA
STEEL INLET COVER
WELDED CONSTRUCTION
SHOP PAINT-BLACK ASPH
SCALE 1"=1'-0"




(A) SECTION THRU INLET
2'x5' INLET DETAIL
SCALE 1"=1'-0"

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C32 FOR MANHOLE BRICK GRADE MS.

(A) CURB & GUTTER OR PAVEMENT THICKNESS

STANDARD 2'x5' INLET AT SET-BACK LOCATION
SCALE 1"=1'-0"

# DETAIL STANDARD 2'x5' INLET

(SET BACK LOCATION)

CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

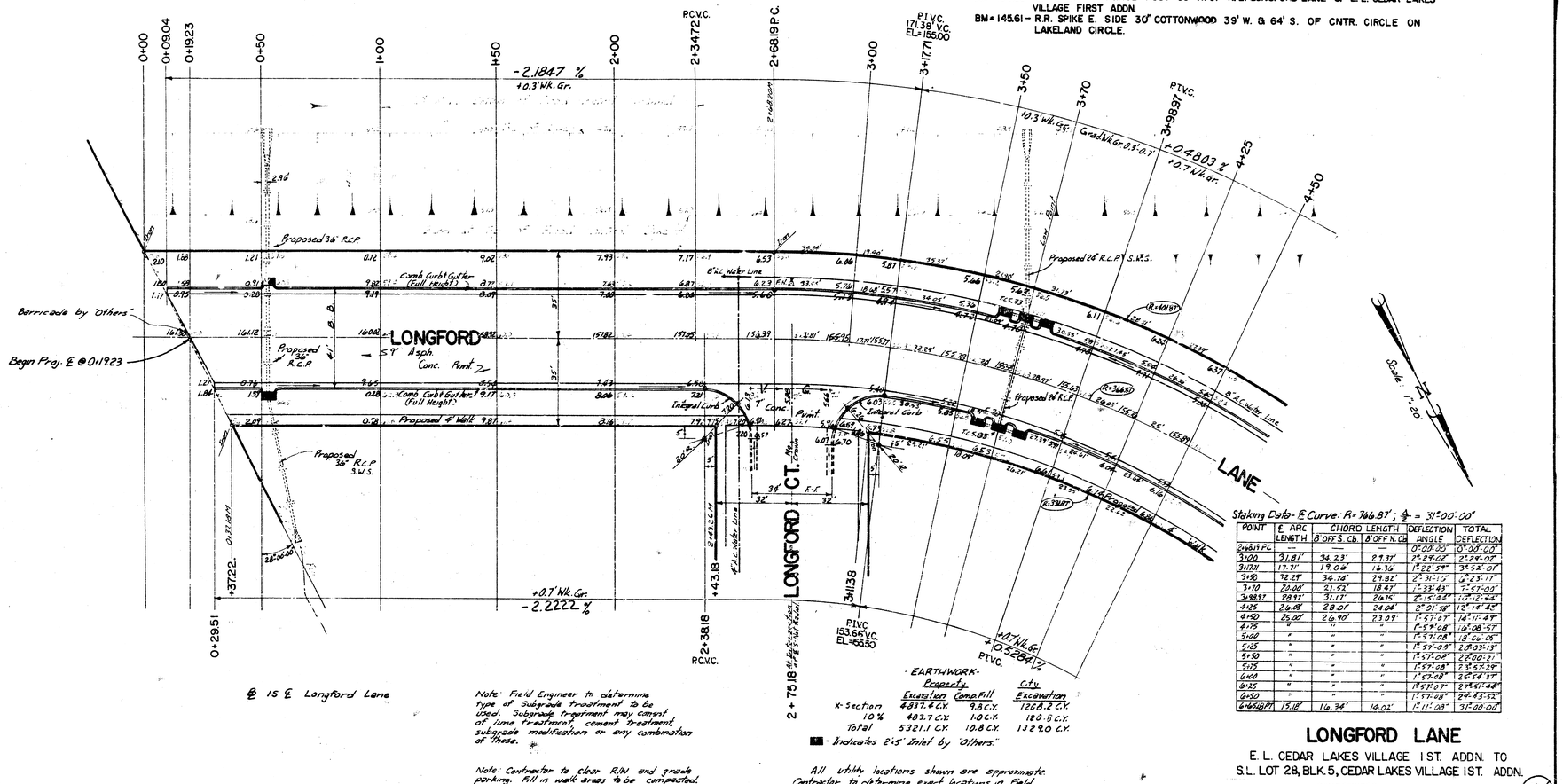
JUNE 1974

4/26

BM = 161.82 - CITY STANDARD 42' W. & 48' S. OF 1/4 SEC. COR. 1/2 MILE E. OF ROCK ROAD & HARRY

BM = 164.53 - TOP STEEL "T" FENCE POST 38' N. OF N.L. LONGFORD LANE & E.L. CEDAR LAKES VILLAGE FIRST ADDN.

BM = 145.61 - R.R. SPIKE E. SIDE 30" COTTONWOOD 39' W. & 64' S. OF CNTR. CIRCLE ON LAKELAND CIRCLE.




Staking Data - E Curve: R = 366.87' ; Δ = 31°00'00"

| POINT | E ARC LENGTH | CHORD LENGTH 8' OFF S. Cb | CHORD LENGTH 8' OFF N. Cb | DEFLECTION ANGLE | TOTAL DEFLECTION |
|---|---|---|---|---|---|
| 2+68.19 P.C. | — | — | — | 0°00'00" | 0°00'00" |
| 3+00 | 31.81' | 34.23' | 29.37' | 2°29'02" | 2°29'02" |
| 3+17.71 | 17.71' | 19.04' | 16.34' | 1°22'54" | 3°51'57" |
| 3+50 | 32.29' | 34.74' | 29.82' | 2°31'20" | 6°23'17" |
| 3+70 | 20.00' | 21.52' | 18.47' | 1°33'43" | 7°57'00" |
| 3+99.57 | 29.57' | 31.17' | 26.76' | 2°15'49" | 10°12'49" |
| 4+25 | 26.08' | 28.01' | 24.08' | 2°01'58" | 12°14'47" |
| 4+50 | 25.00' | 26.90' | 23.09' | 1°57'07" | 14°11'54" |
| 4+75 | " | " | " | 1°57'08" | 16°08'57" |
| 5+00 | " | " | " | 1°57'08" | 18°06'05" |
| 5+25 | " | " | " | 1°57'08" | 20°03'13" |
| 5+50 | " | " | " | 1°57'08" | 22°00'21" |
| 5+75 | " | " | " | 1°57'08" | 23°57'29" |
| 6+00 | " | " | " | 1°57'08" | 25°54'37" |
| 6+25 | " | " | " | 1°57'07" | 27°51'44" |
| 6+50 | " | " | " | 1°57'08" | 29°48'52" |
| 6+65.18 PT | 15.18' | 16.34' | 14.02' | 1°11'08" | 31°00'00" |

& 15 E Longford Lane

Note: Field Engineer to determine type of Subgrade treatment to be used. Subgrade treatment may consist of lime treatment, cement treatment, subgrade modification or any combination of these.

Note: Contractor to clear R/W and grade parking. Fill in walk areas to be compacted. Sidewalk by "Others"

- EARTHWORK -

| | Property Excavation | Property Comp. Fill | C.T.V. Excavation |
|---|---|---|---|
| X-Section | 4837.4 C.Y. | 9.8 C.Y. | 1208.2 C.Y. |
| 10% | 483.7 C.Y. | 1.0 C.Y. | 120.9 C.Y. |
| Total | 5321.1 C.Y. | 10.8 C.Y. | 1329.0 C.Y. |

■ - Indicates 2'-5" Inlet by "Others"

All utility locations shown are approximate. Contractor to determine exact locations in Field.

# LONGFORD LANE

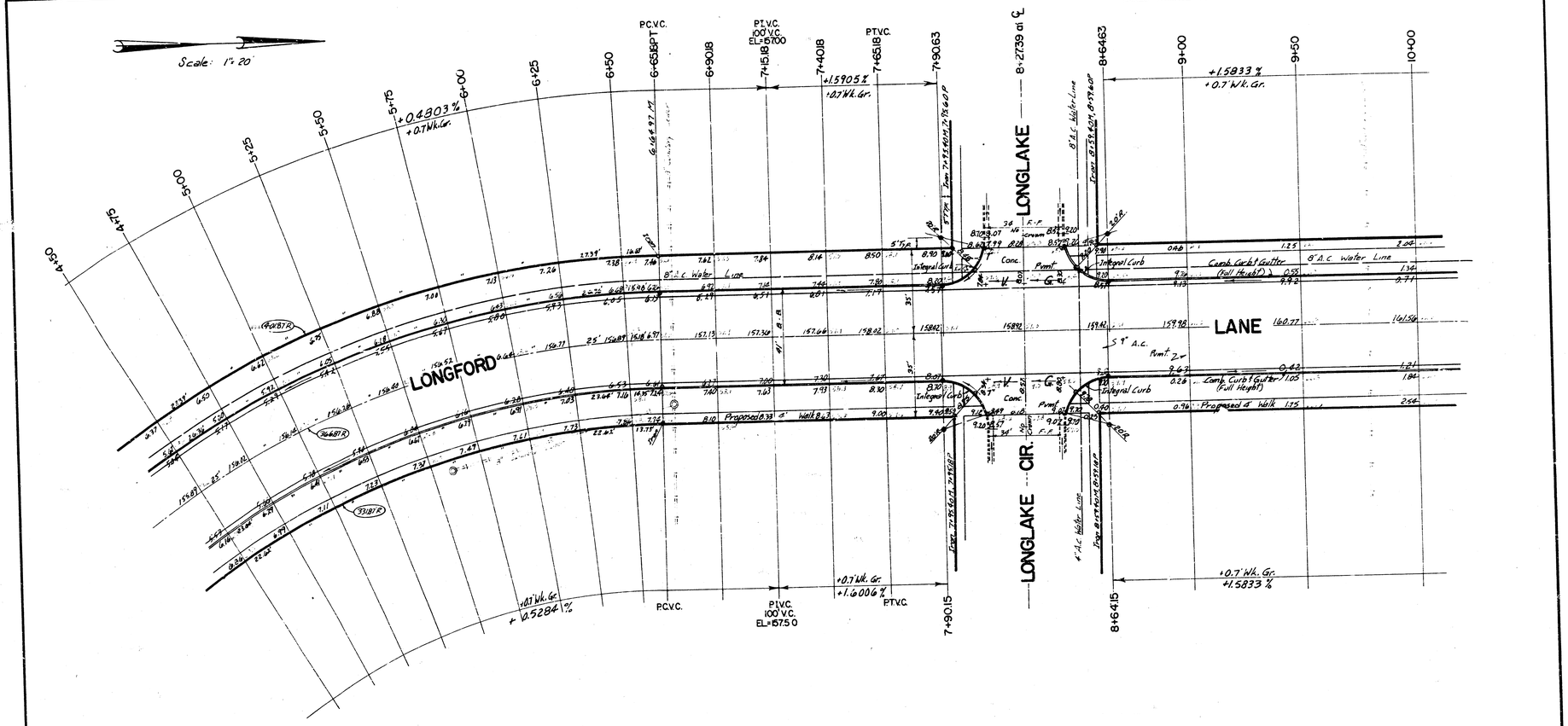
E. L. CEDAR LAKES VILLAGE 1ST. ADDN. TO S.L. LOT 28, BLK. 5, CEDAR LAKES VILLAGE 1ST. ADDN.

DAKC573050

5/26

BM = 164.53 - TOP STEEL "T" FENCE POST 38' N. OF N. L. LONGFORD LANE & E. L. CEDAR LAKES VILLAGE FIRST ADDN.

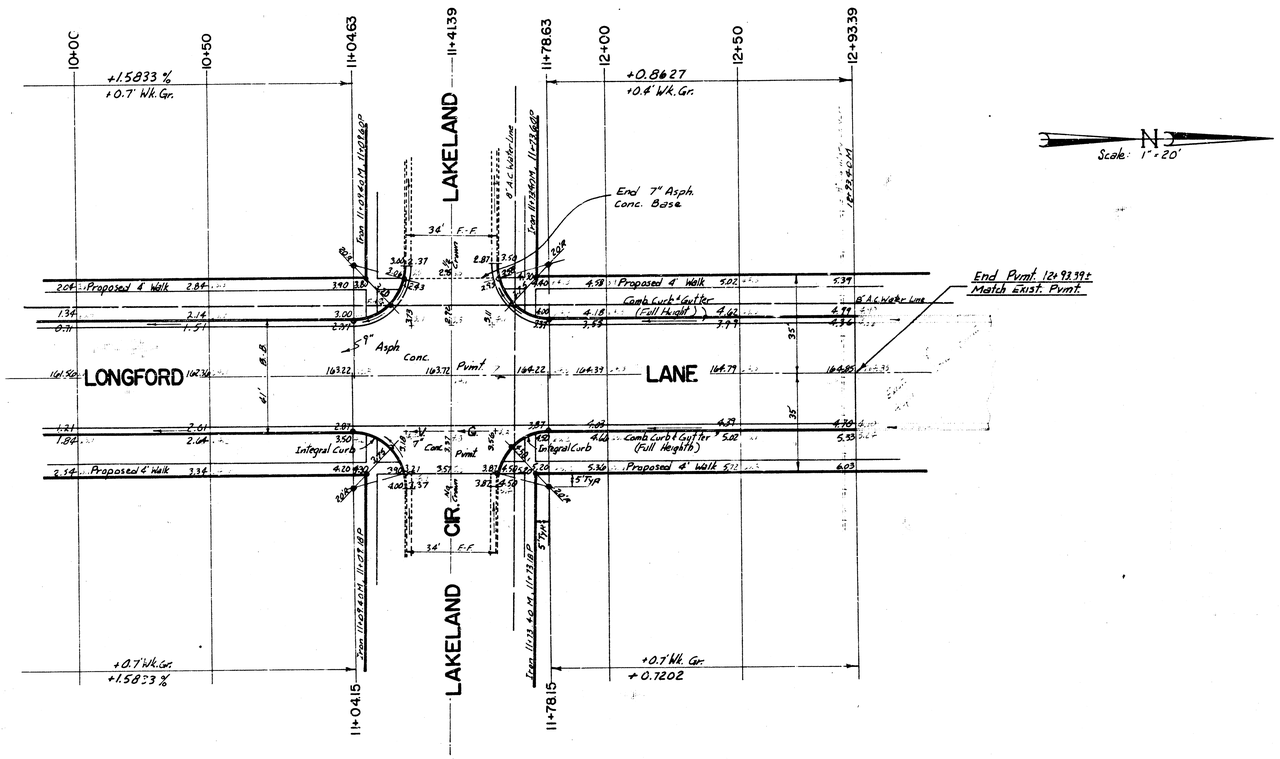
Scale: 1" = 20'




DAKC 573050

6/26

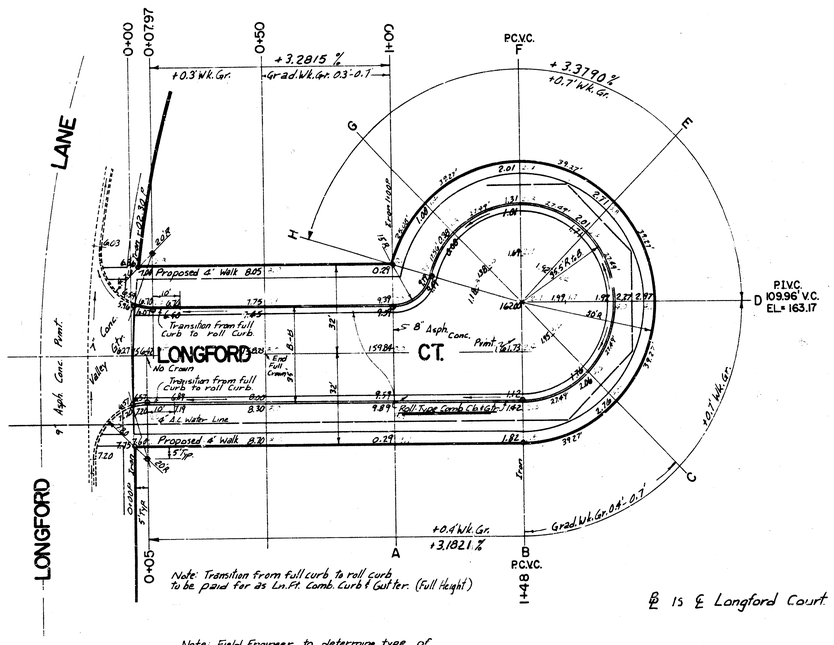
BM = 145.61 - R.R. SPIKE E. SIDE 30" COTTONWOOD 39' W. & 64' S. OF CENTER CIRCLE ON LAKELAND CIRCLE W.




DAKC573050

7/20

BM=159.08-"□" CUT N.W. COR. HEADWALL 85' W. OF W.L. LONGFORD LANE ON HARRY ST.
BM=164.53- TOP STEEL "T" FNC. POST 38' N. OF N.L. LONGFORD LANE & E.L. CEDAR LAKES VILLAGE FIRST ADDN.




Note: Transition from full curb to roll curb to be paid for as Ln. Ft. Comb. Curb & Gutter. (Full Height)

℄ is ℄ Longford Court

Note: Field Engineer to determine type of Subgrade Treatment to be used. Subgrade treatment may consist of lime treatment, cement treatment, subgrade modification or any combination of these.

Contractor to determine exact location of any utilities in field.

-EARTHWORK-

| | Excavation |
|---|---|
| X-Section | 477.8 C.Y. |
| 10% | 47.8 C.Y. |
| Total | 525.6 C.Y. |

Contractor to clear R/W and grade parking. Fill in walk areas to be compacted. Sidewalk by "Others."

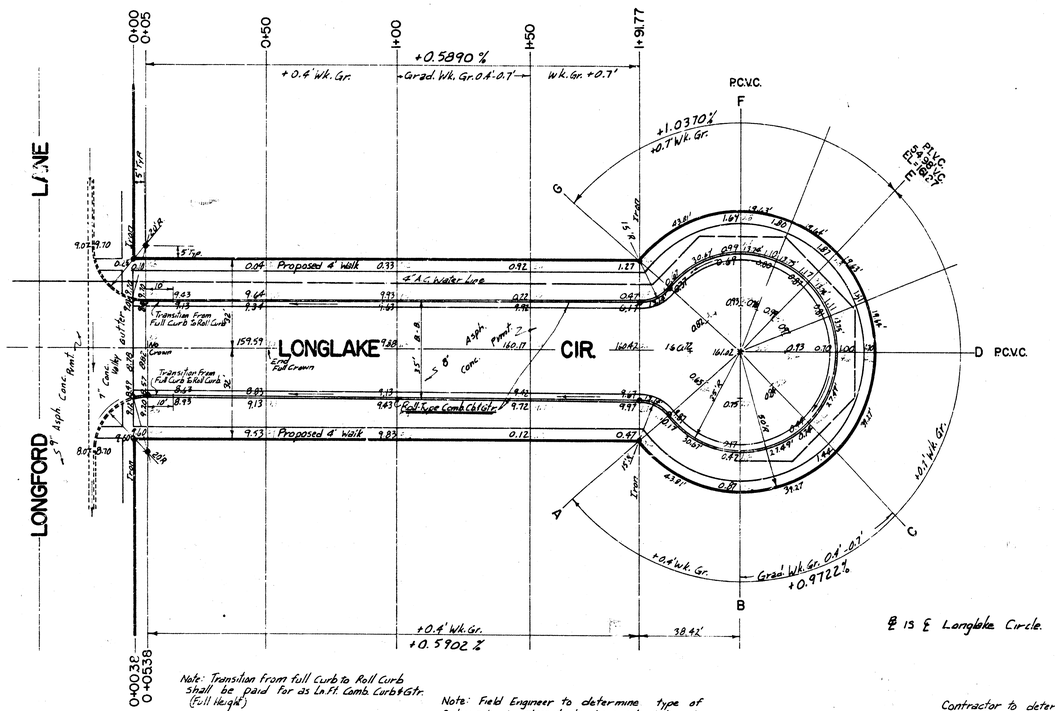
# LONGFORD COURT

N.L. LONGFORD LANE TO AND INCLUDING CUL-DE-SAC

DAKC573050

11/26

BM = 164.53 – TOP STEEL "T" FENCE POST 36' N. OF N.L. LONGFORD LANE & E. L. CEDAR LAKES VILLAGE FIRST ADDN.
BM = 159.08 – "D" CUT N.W. COR. HEADWALL 85' W. OF W.L. LONGFORD LANE ON HARRY ST.




Scale: 1" = 20'

℄ is ℄ Longlake Circle.

-EARTHWORK-

| | Excavation | Comp. Fill |
|---|---|---|
| X-section | 983.3 C.Y. | 16.7 C.Y. |
| 10% | 98.3 C.Y. | 1.7 C.Y. |
| Total | 1081.6 C.Y. | 18.4 C.Y. |

Note: Transition from full Curb to Roll Curb shall be paid for as Ln. Ft. Comb. Curb & Gtr. (Fill Height)

Note: Field Engineer to determine type of Subgrade Treatment to be used. Subgrade Treatment may consist of lime treatment, cement treatment, subgrade modification or any combination of these.

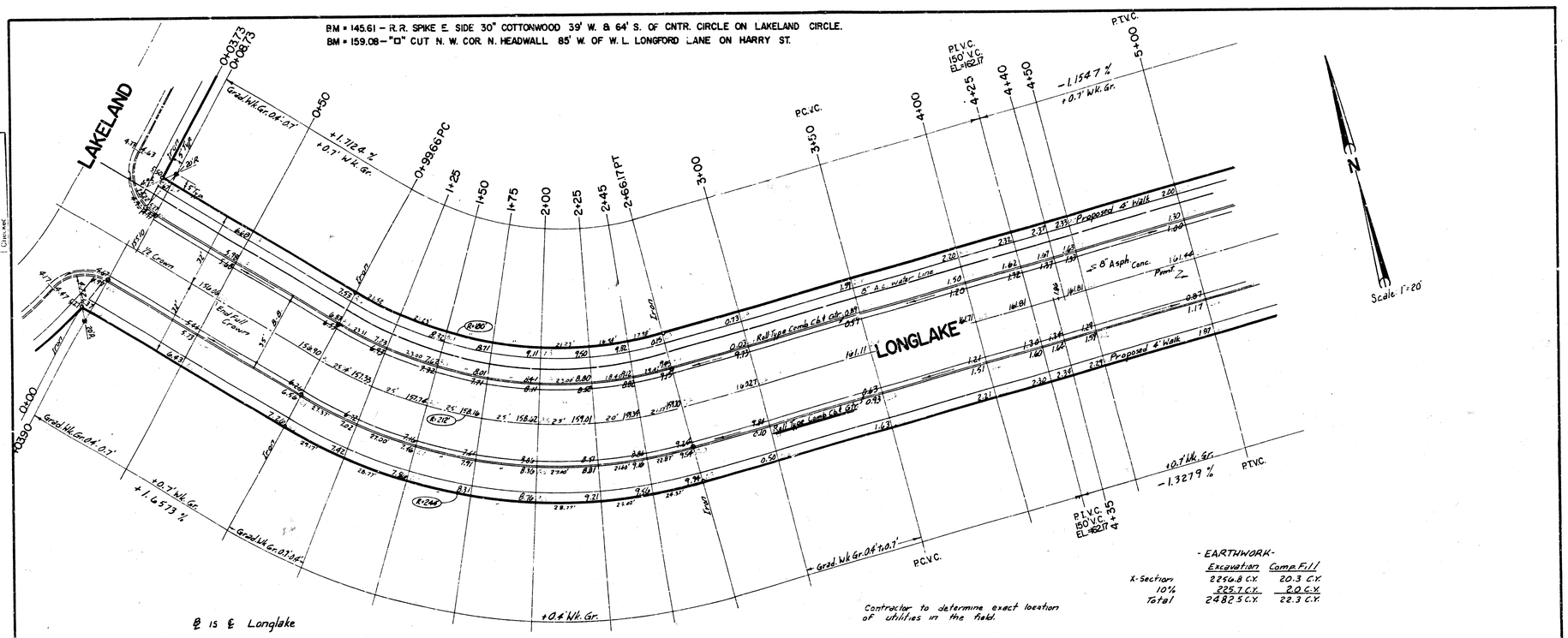
Contractor to clear R/W and grade parking. Fill in walk areas to be compacted. Sidewalk by "others."

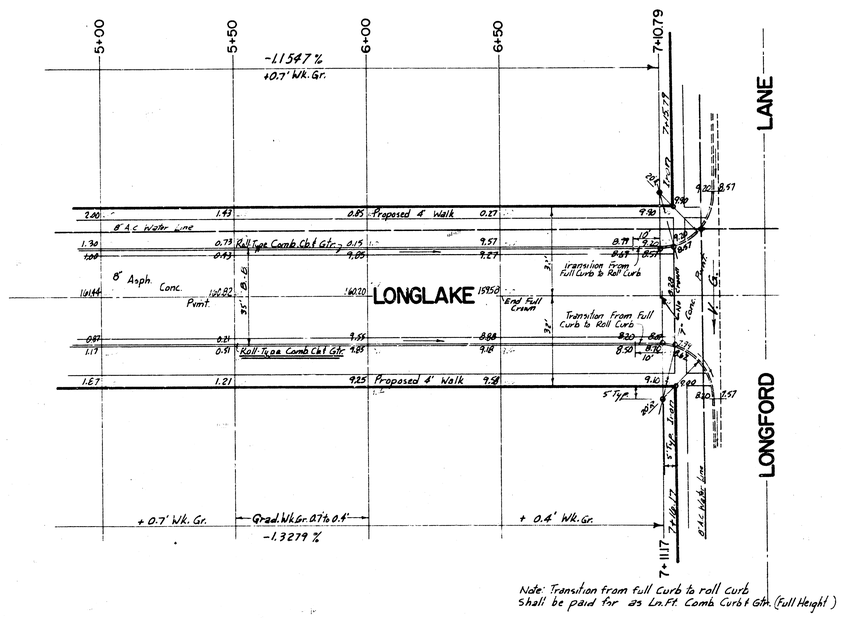
Contractor to determine exact location of utilities in field.

# LONGLAKE CIRCLE

E.L. LONGFORD LANE TO & INCLUDING CUL-DE-SAC

DAKC 5F3050


BM = 145.61 – R.R. SPIKE E. SIDE 30" COTTONWOOD 39' W. & 64' S. OF CNTR. CIRCLE ON LAKELAND CIRCLE.
BM = 159.08 – "□" CUT N. W. COR. N. HEADWALL 85' W. OF W. L. LONGFORD LANE ON HARRY ST.
LAKELAND
LONGLAKE
P.C.V.C.
P.T.V.C.
P.V.I.
P.V.I. 150' V.C. EL=1621.17
P.V.I. 150' V.C. EL=1621.17
P.T.V.C.
P.C.V.C.
P.T.V.C.
0+03.73
0+00.73
0+50
0+99.66 PC
1+25
1+50
1+75
2+00
2+25
2+45
2+56.17 PT
3+00
3+50
4+00
4+25
4+40
4+50
5+00
4+35
+1.7124 %
+0.7' Wk. Gr.
-1.1547 %
+0.7' Wk. Gr.
Grad Wk Gr. 04'-07'
+0.7' Wk. Gr.
+1.6573 %
Grad Wk Gr. 04'-07'
-1.3279 %
+0.7' Wk. Gr.
Grad Wk Gr. 04'-07'
+0.4' Wk. Gr.
Grad Wk Gr. 04'-0.7'
Grad Wk Gr. 04'-0.7'
R=80
R=212
R=244
Curve
Curve
Curve




Note: Transition from full curb to roll curb shall be paid for as Ln. Ft. Comb. Curb & Gtr. (Full Height)




Scale: 1"=20'

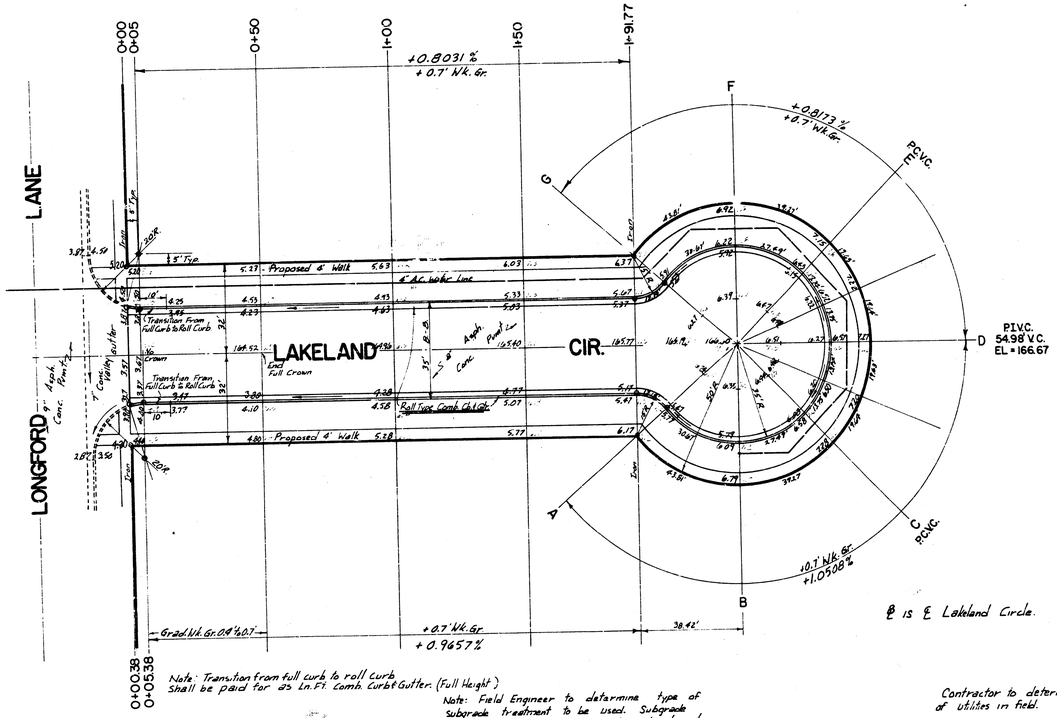
**LONGLAKE**

DAKC 573050

16/20

BM = 164.53 – TOP STEEL "T" FENCE POST 38' N. OF N.L. LONGFORD LANE & E. L. CEDAR LAKES VILLAGE FIRST ADDN.

BM = 159.08 – "D" CUT N.W. COR. HEADWALL 85' W. OF W.L. LONGFORD LANE ON HARRY ST.







℄ is ℄ Lakeland Circle.

- EARTHWORK -

| | Excavation |
|---|---|
| X-Section | 1190.0 C.Y. |
| 10% | 119.0 C.Y. |
| Total | 1309.0 C.Y. |

Note: Transition from full curb to roll curb shall be paid for as Ln. Ft. Comb. Curb & Gutter. (Full Height)

Note: Field Engineer to determine type of subgrade treatment to be used. Subgrade treatment may consist of lime treatment, cement treatment, subgrade modification or any combination of these.

Contractor to clear R/w and grade parking. Fill in walk areas to be compacted. Sidewalk by "Others."

Contractor to determine exact location of utilities in field.

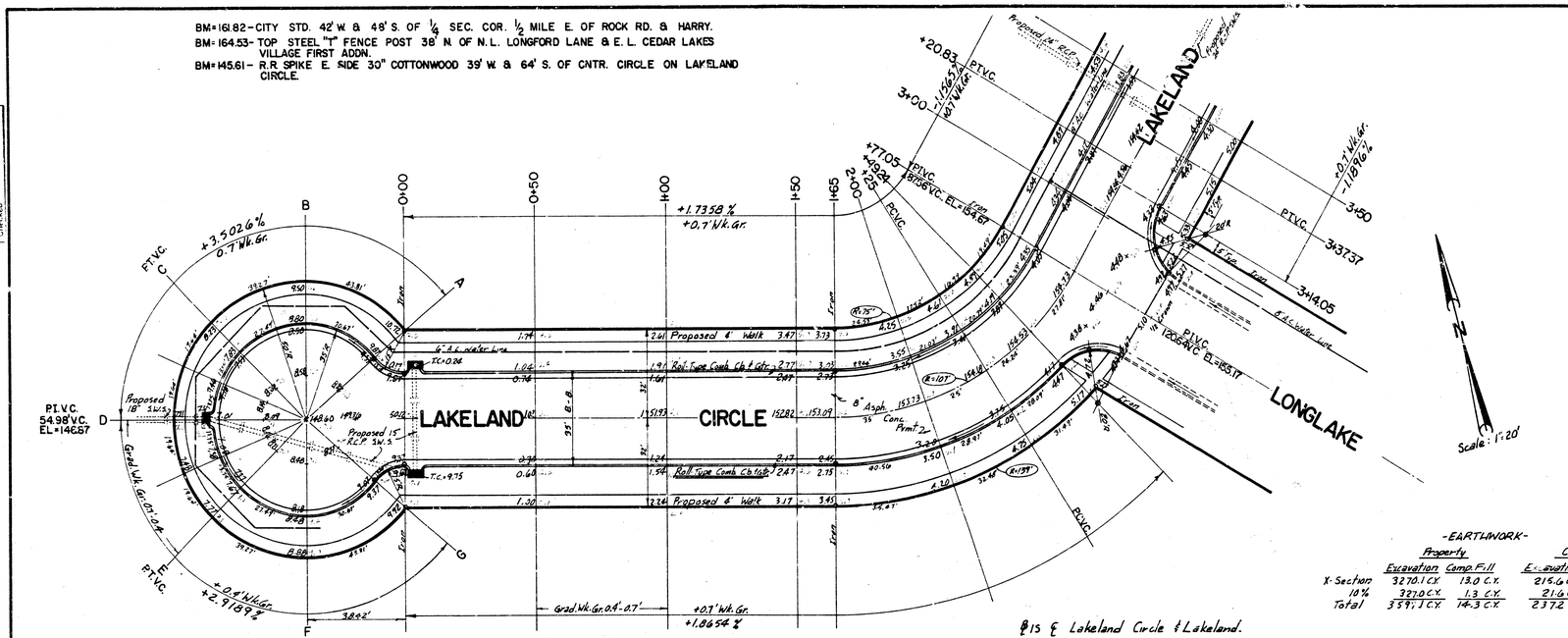
# LAKELAND CIRCLE

E. L. LONGFORD LANE TO AND INCLUDING CUL-DE-SAC

DAKC 573050

18/20

BM=161.82 - CITY STD. 42' W. & 48' S. OF 1/4 SEC. COR. 1/2 MILE E. OF ROCK RD. & HARRY.
BM=164.53 - TOP STEEL "T" FENCE POST 38' N. OF N.L. LONGFORD LANE & E.L. CEDAR LAKES VILLAGE FIRST ADDN.
BM=145.61 - R.R. SPIKE E. SIDE 30" COTTONWOOD 39' W. & 64' S. OF CNTR. CIRCLE ON LAKELAND CIRCLE.




-EARTHWORK-

| | Property | | City | |
|---|---|---|---|---|
| | Excavation | Comp. Fill | Excavation | Comp. Fill |
| X-Section | 3270.1 C.Y. | 13.0 C.Y. | 215.6 C.Y. | 0 |
| 10% | 327.0 C.Y. | 1.3 C.Y. | 21.6 C.Y. | 0 |
| Total | 3597.1 C.Y. | 14.3 C.Y. | 237.2 C.Y. | 0 |

Staking Data Based on ℄ Curve: R=107'; L=112.05'; Δ = 30°

| POINT | ℄ ARC LENGTH | CHORD B OF FN. Curb | LENGTH B OF F. Curb | DEFLECTION ANGLE | TOTAL DEFLECTION |
|---|---|---|---|---|---|
| 1+65 PC | -- | -- | -- | 0°00'00" | 0°00'00" |
| 2+00 | 35' | 34.70' | 42.99' | 9°22'-15" | 9°22'-15" |
| 2+25 | 25' | 19.12' | 30.77 | 6°41'-36" | 16°03'-51" |
| 2+49.36 | 24.36' | 18.54' | 29.86' | 6°29'-28" | 22°33'-19" |
| 2+77.05 PT | 27.81' | 21.25' | 34.21' | 7°26'-41" | 30°00'-00" |

■ — 2'x5' Inlets by "others."

Contractor to determine exact location of utilities in field.

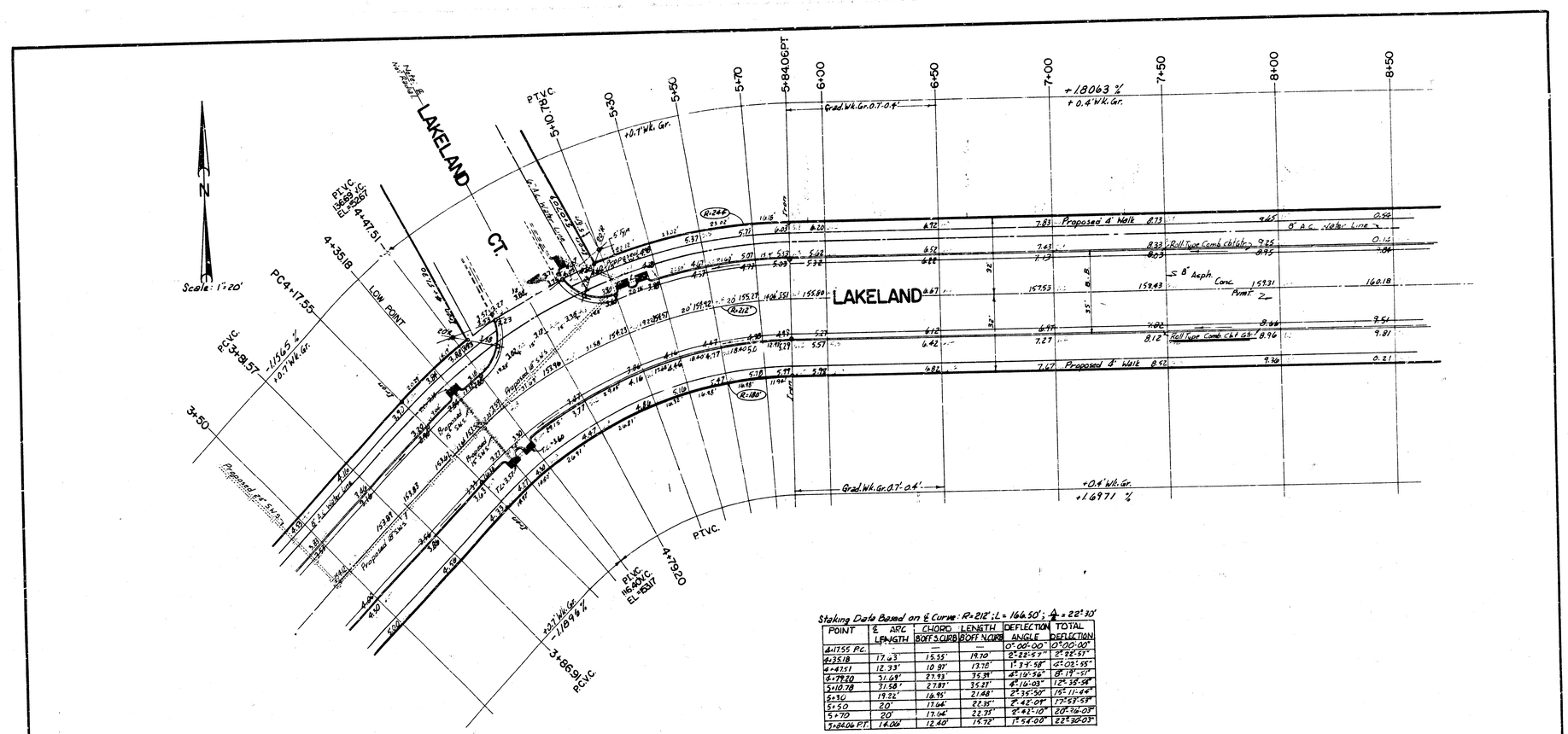
Field Engineer to determine type of subgrade treatment to be used. Subgrade treatment shall consist of: lime treatment; cement treatment; subgrade modification or any combination of these.

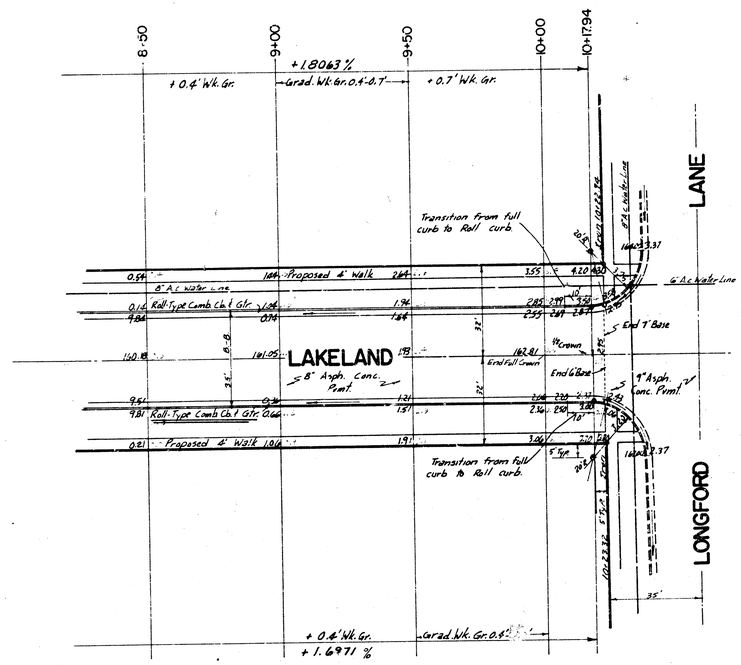
Contractor to clear R/W and grade Parking. Fill in walk areas to be compacted. Sidewalk by "others."

# LAKELAND CIRCLE
S. L. LONGLAKE TO AND INCLUDING CUL-DE-SAC
AND
# LAKELAND
W. L. LONGFORD LANE TO S. L. LONGLAKE

DAKC 573050

20/26


LAKELAND
CT.
LAKELAND
Scale: 1"=20'
N
PTVC
5+01.15
5+30
5+50
5+70
5+84.06 PT
6+00
6+50
7+00
7+50
8+00
8+50
+18063 %
+0.4 Wk. Gr.
Grad. Wk. Gr. 0.7'-0.4'
+0.7 Wk. Gr.
PTVC
Sta. 4+47.51
El. 95.67
4+35.18
LOW POINT
PC 4+17.55
PCVC
3+98.57
-11.565 %
+0.7 Wk. Gr.
3+50
Proposed 6" S.S.
Proposed 8" S.S.
Proposed 8" S.S.
Proposed 8




Note: Transition from full Curb to roll curb shall be paid for as Ln. Ft. Comb. Curb & Gutter. (Full Height)

N

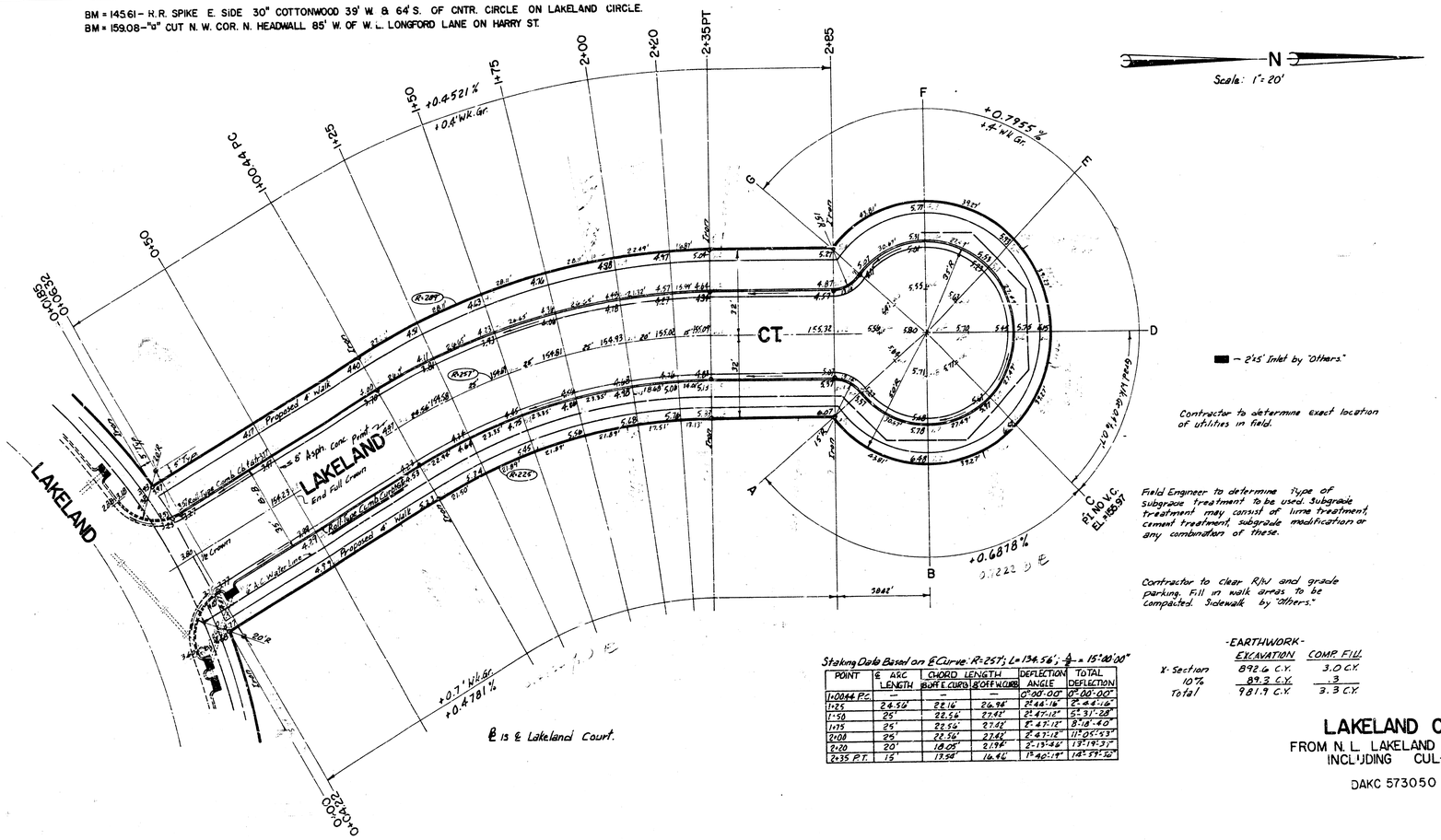
Scale: 1"=20'

LAKELAND

DAKC 573050

22/706

BM = 145.61 – R.R. SPIKE E. SIDE 30" COTTONWOOD 39' W. & 64' S. OF CNTR. CIRCLE ON LAKELAND CIRCLE.
BM = 159.08 – "a" CUT N. W. COR. N. HEADWALL 85' W. OF W. L. LONGFORD LANE ON HARRY ST.


N
Scale: 1" = 20'
1+00.44 PC
1+25
1+50
1+75
2+00
2+20
2+35 PT
2+85
+0.4521 %
+0.4' W.K. Gr.
+0.7955 %
+0.4' W.K. Gr.
+0.6878 %
+0.7' W.K. Gr.
+0.4781 %
LAKELAND
LAKELAND
CT
A
B
C
D
E
F
G
R=289'
R=257'
R=225'
Proposed 4' Walk
6" Asph. Conc. Pvmt.
End Full Crown
Beginning Full Crown
Proposed 4' Walk
Existing Concrete Curb & Gutter
Existing Concrete Curb
Existing Concrete Curb & Gutter
Existing Concrete Curb
Existing Concrete Curb & Gutter
Existing Concrete Curb

# DRAINAGE

IN CONNECTION WITH PAVING STREETS IN

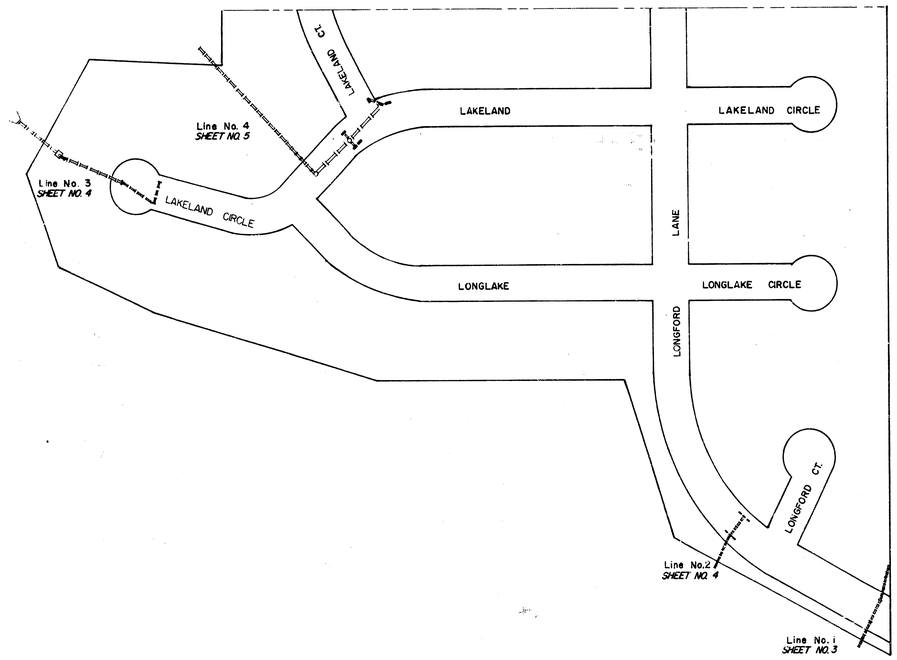
## CEDAR LAKES VILLAGE 1ST ADDN.

CITY OF WICHITA, KANSAS

R.W.LINN CITY ENGINEER

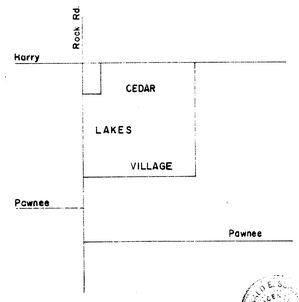
PROJECT NO. DAKD573050

DATE:





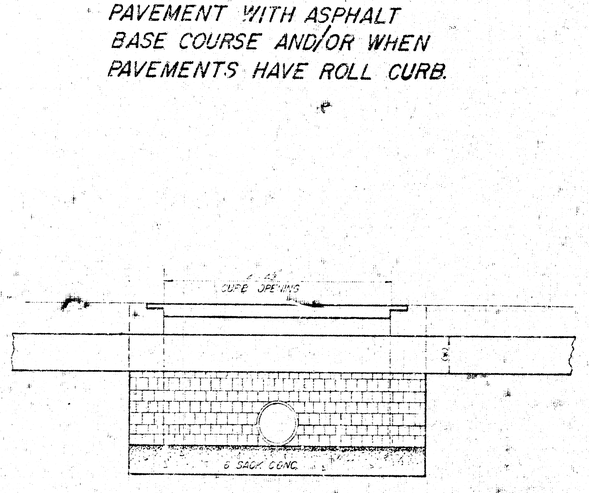

SCALE 1"=100'



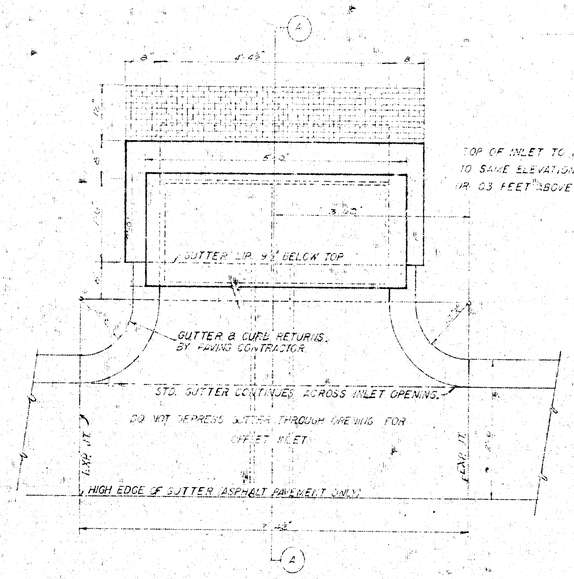

1/5

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH ASPHALT BASE COURSE AND/OR WHEN PAVEMENTS HAVE ROLL CURB.

NOTE: STRUCTURAL STEEL FOR INLET COVER SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION A36.



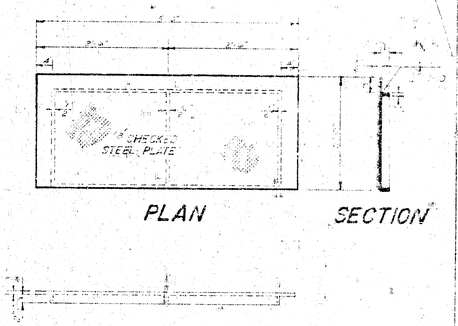

ELEVATION




PLAN

STANDARD 2X5' INLET AT SETBACK LOCATION

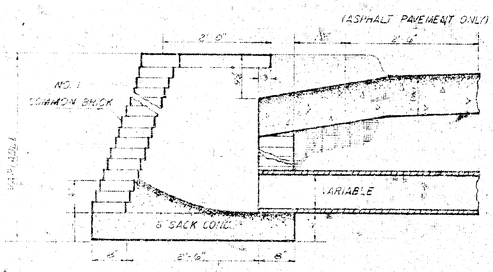
SCALE 1"=1'-0"




PLAN SECTION

ELEVATION

CITY OF WICHITA
STEEL INLET COVER
WEIGHT 200 LBS.
SHOP PAINT-BLACK ASPH.
SCALE 1"=1'-0"




A SECTION THRU INLET

2'x5' INLET DETAIL

SCALE 1"=1'-0"

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C32 FOR MANHOLE BRICK GRADE MS.

(*) CURB & GUTTER OR PAVEMENT THICKNESS

# DETAIL STANDARD 2'x5' INLET

(SET BACK LOCATION)

CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER

JUNE 1974

2/5

| FLUME DIMENSIONS | | | | |
|---|---|---|---|---|
| LINE No. | PIPE SIZE | L | H | W |
| 1 | 36" | 9' | 15" | 6' |
| 2 | 24" | 7' | 9.5" | 4' |

Note: Wing wall to lay back from vertical to horizontal in length 'L'.

Note: Flumes to have No. 4 Rebar Spaced 6" O.C. each way.

Flared End Section

5" Conc. Flume See Detail This Sheet

Pipe Size

H. EL: Line 1 = 150.40
Line 2 = 148.90

H. EL: Line 1 = 151.40
Line 2 = 149.90

Undisturbed Soil

## 5" CONC. FLUME DETAILS
No Scale

BM = 164.53 - Top steel Perma post 38' N. of N.L. Longford Lane & E.L. Cedar Lakes Village 1st Addn.

BM = 165.41 - City Standard on center of top W. end handrail N. side of triple 8x8 RCB 250' E. of Rock Road on Harry St.

LONGFORD LANE

Sta. 0+00 Begin Pipe at Flared End Section

Lot 38, Blk 2, Cedar Lakes Village 1st Addn.

Sta 1+57 End Pipe at Flared End Section

10' Utility Esmt.

20' Drainage Esmt.

41' B-B

Flo Line of Ditch by "Others"

39'

12°01'27"

Keith Anderson

Rip-rap Chan

65'

35' 35'

Proposed Conc. Comb. C&G

4" Asph. Pvmt w/ 1 Gr.

52.94'

Sta 0+00 Longford Lane

Sta. 0+97 Constr. 2'x5' Inlet
T.C. El. = 161.39, I.E. Out = 154.83, I.E. In = 155.02

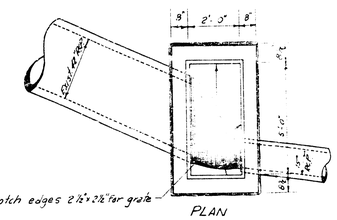
Sta. 0+51 Constr. 2'x5' Inlet
T.C. El. = 160.91, I.E. = 153.85

E.L. Cedar Lakes Village 1st Addn.

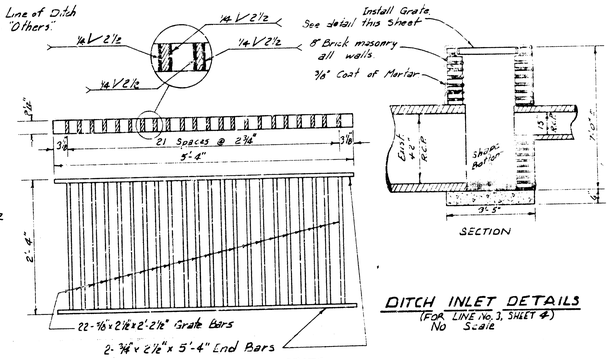
Unplatted

Scale:
Plan: 1" = 20'
Profile: Horiz.: 1" = 20'
Vert.: 1" = 5'

Note: Flared End Sections to be Considered and paid for as Ln. Ft. of pipe.



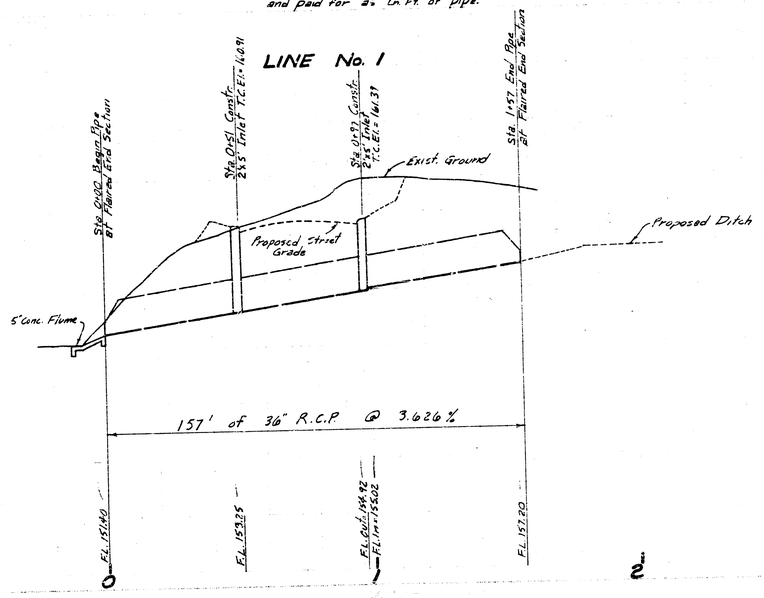

PLAN




SECTION

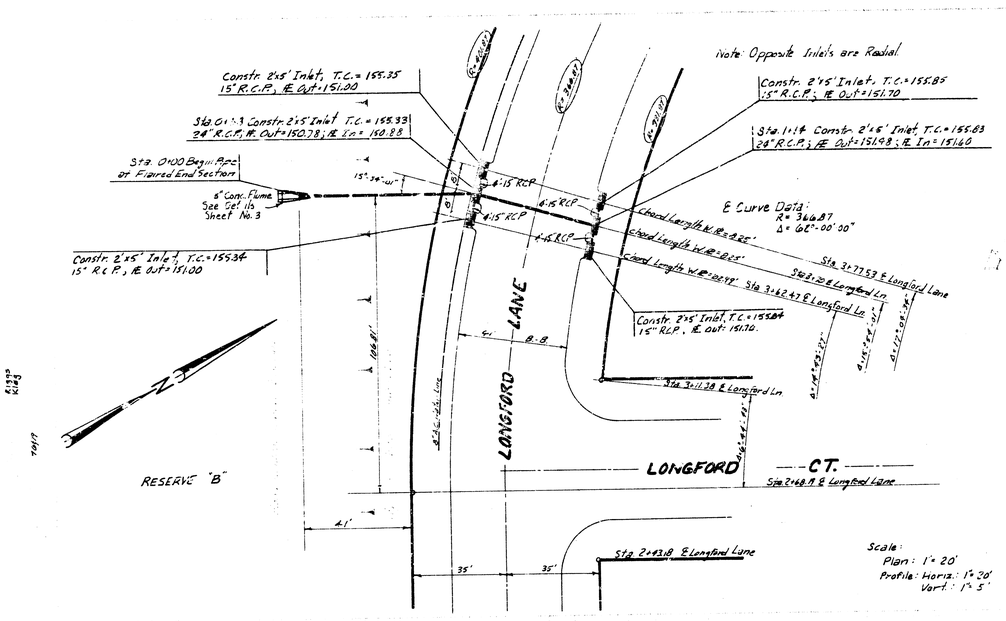
## DITCH INLET DETAILS
(FOR LINE No. 1, SHEET 4)
No Scale

## LINE No. 1

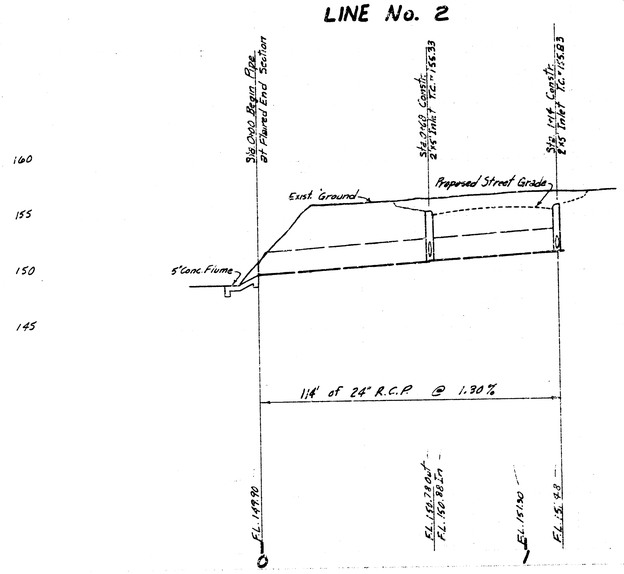


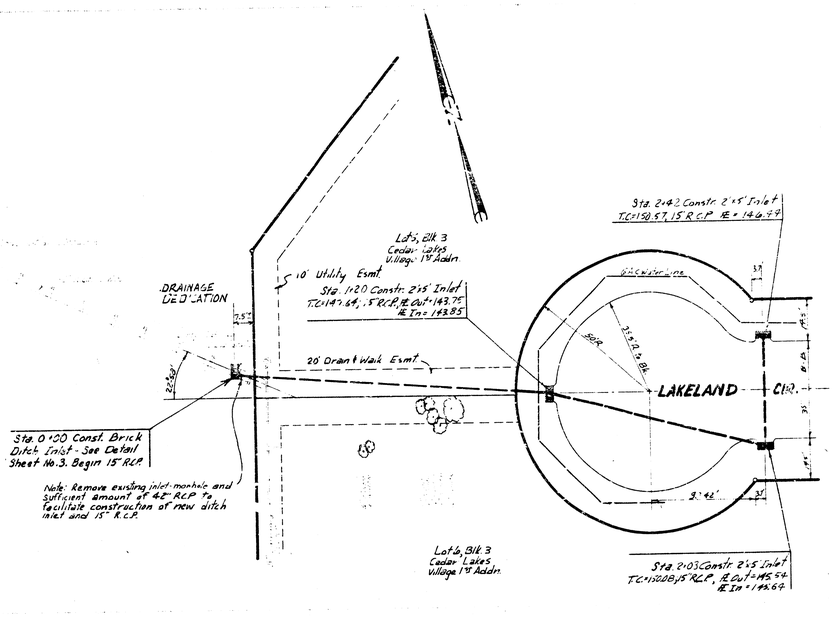

**DRAINAGE**
IN CONNECTION WITH THE PAVING OF STREETS IN CEDAR LAKES VILLAGE 1ST ADDN.
CITY OF WICHITA, KANSAS
R.W. LINN - CITY ENGINEER
DATE: PROJ. No. DAKD573050

3/6

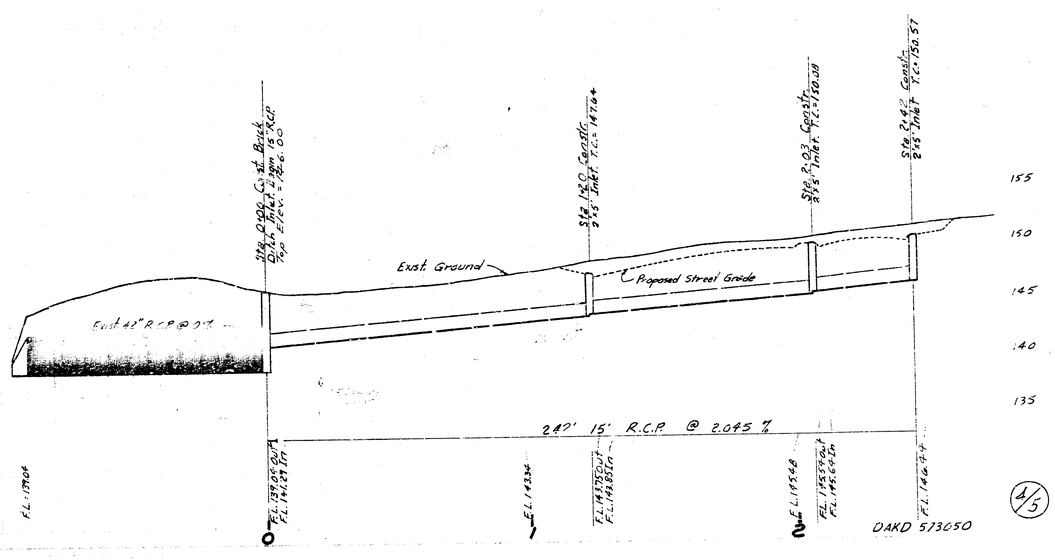



LINE No. 2



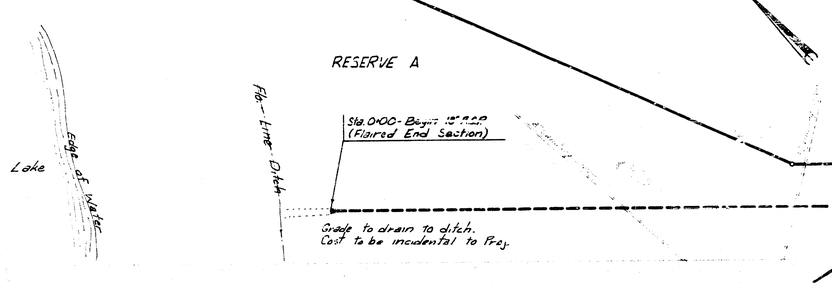

LINE No. 3

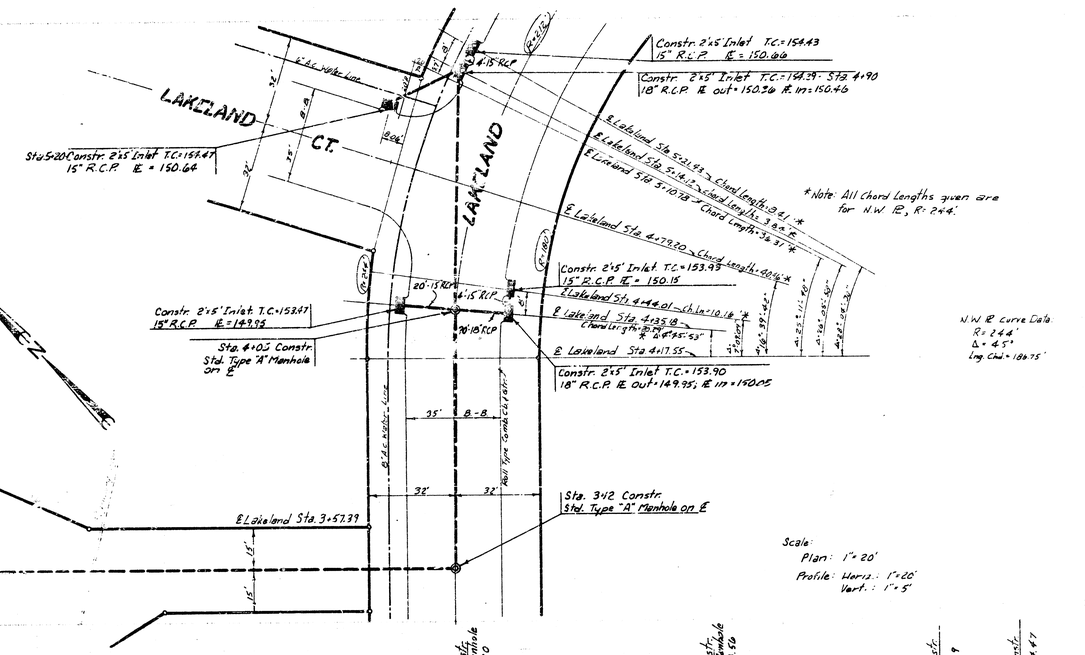



DAKD 573050

4/5

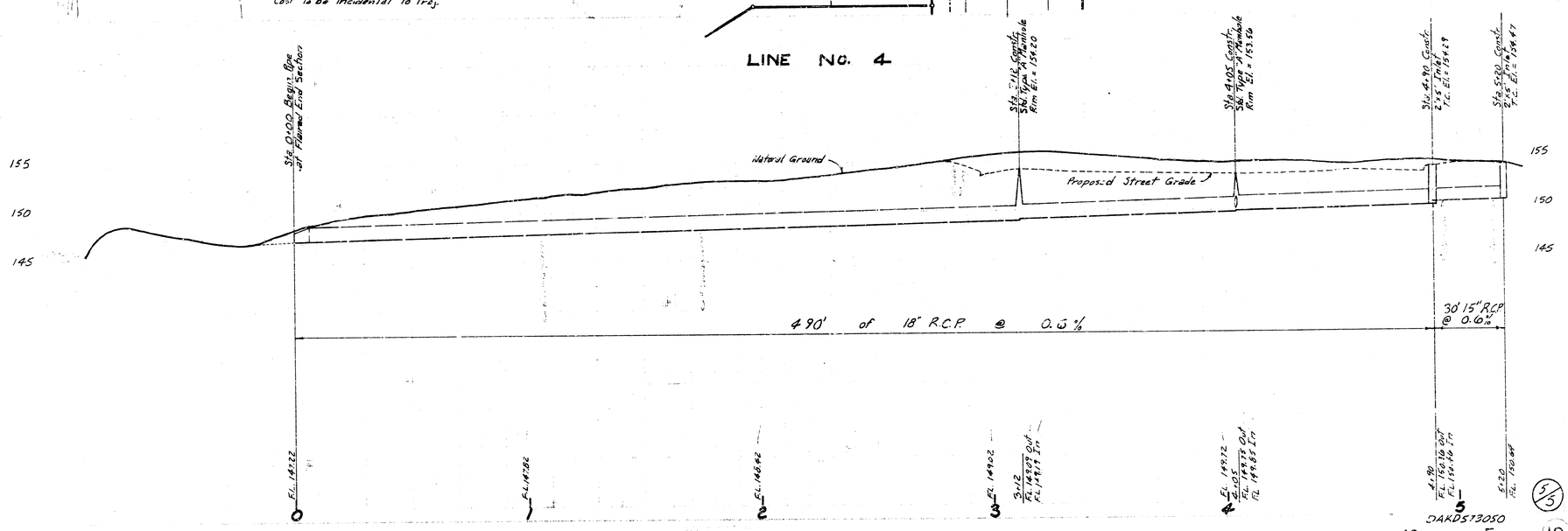
BM= 164.53 - Top steel fence post 38' N. of N.L. Longford Lane & E.L. Cedar Lakes Village 1st. Addn.
BM= 153.50 - "C" Cut N.W. cor. N. Wingwall on dam approx. 130' S. of Lakeland Circle.




Scale:
Plan: 1"=20'
Profile: Horiz.: 1"=20'
Vert.: 1"=5'

## LINE NO. 4

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