B.M. 1023.89 "X" Cut in top N. end., Range Road & W.L. Hillside.
B.M. 1026.73 "O" on c. of wk., S.S. Roseberry & W.L. Roseberry Ct.
Baseline & stationing on North Property Line.

**Note:**
All drainage work will be completed under conditions of a separate incidental drainage contract.

## Rolled Curb to be used throughout
Elevations are top of rolled curb

SCALE: 1" = 20'

P.I. 1035.8 No Vert. Curve

+0.3333% Match Walk

+0.6183% Match Walk

+0.9774% Match Walk

AVENUE

SOUTH

COURT

ROSEBERRY

HIGH

0-50 0+00 0+50 1+00 1+491 1+856 2+221 2+50 3+00 3+50 4+00 4+604 5+00 5+50 5+75

Frame House 3260 3230 3308 3304 3300 3312 3316 3320 3321 3330 3331 3333 3337 3329 3325 3231 3261 3313 3317

4" Water Service

Catch Basin

PROPOSED 30' CONC.

Valley Gutter

8" SANITARY SEWER

8" Conc. Walk

4' Walk Fence

"X" cut in back of wk. indicates ℄

Remove 3 existing C.B. @ Holyoke & plug lines.

Use ¾" Bars, 3' long, on 2'-6" ctrs.

Detail of Mastic Joint

| EXCAVATION | |
|---|---|
| PAVE | CITY |
| 2912.1 | 3609 |
| 2912 | 570 |
| 3203.3 | 626.9 |

| COMP FILL | |
|---|---|
| PAVE | CITY |
| — | — |
| 00 | 00 |

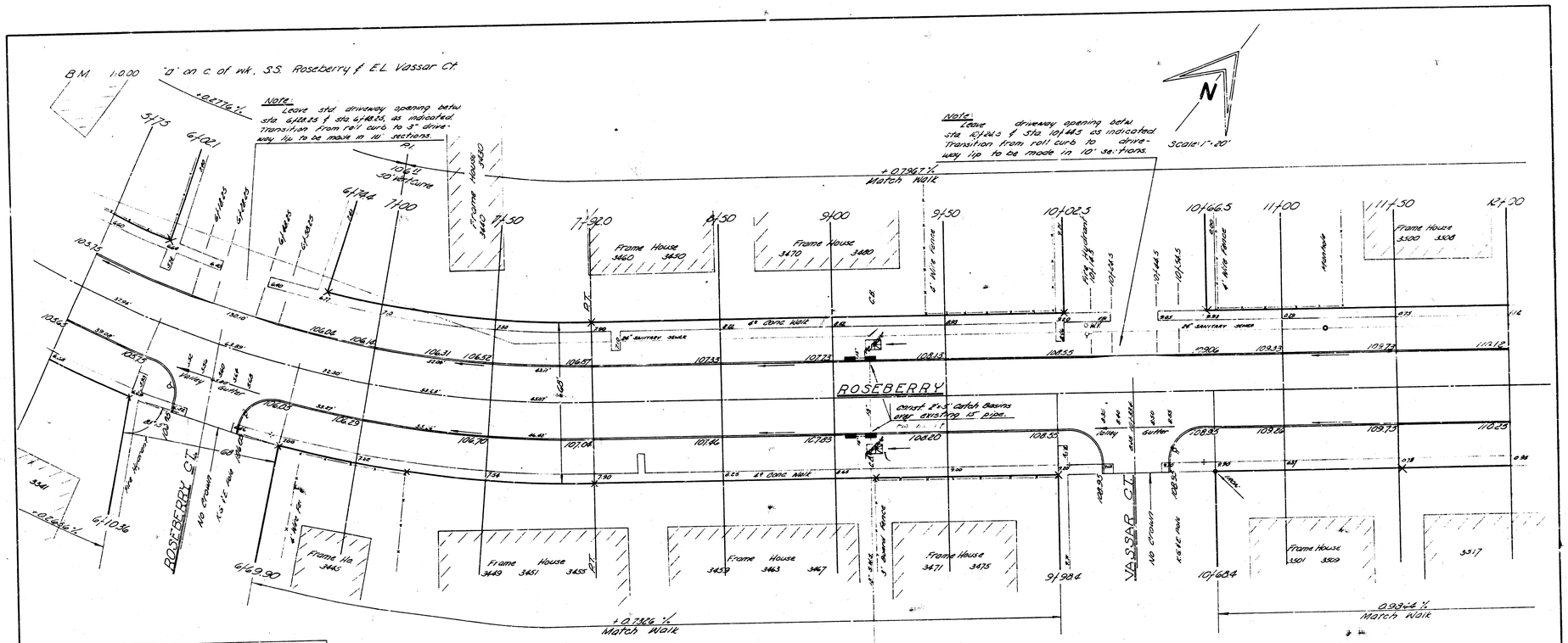
B. E. SMITH 436 REGISTERED ENGINEER AND LAND SURVEYOR

SHEET NO ONE

# ROSEBERRY
EL. HILLSIDE – SL. PAWNEE

30' CONC & CB.

CITY OF WICHITA
B. E. SMITH – CITY ENGR.
DATE: OCT. 1960 C19-240




## CURVE DATA

STA 6+60.8 to STA 7+92.0 L = 131.6'
Δ = 60° 41' Rad N. @ 6+66.86 Min. I.P. = 36.89'

| STA. | ARC. | CHORD N 46.84 | CHORD & OFFSET N. CURB R=114.86' | CHORD & OFFSET S. CURB R=160.86' | DEFL. | Σ DEFL. |
|---|---|---|---|---|---|---|
| 6+60.8 | ——— | ——— | ——— | ——— | ——— | ——— |
| 7+00 | 38.6 | 37.39 | 40.52 | 46.33 | 2° 26' 07" | 2° 26' 07" |
| 7+30 | 30.0 | 29.08 | 31.76 | 36.09 | 3° 06' 29" | 5° 32' 36" |
| 6+00 | " | " | " | " | " | 8° 39' 05" |
| 6+50 | " | " | " | " | " | 11° 45' 34" |
| 7+00 | " | " | " | " | " | 14° 52' 03" |
| 7+50 | 30.0 | 29.08 | 31.76 | 36.09 | 3° 06' 29" | 17° 58' 32" |
| 7+92.0 | 42.0 | 41.98 | 42.71 | 47.15 | 2° 36' 58" | 20° 35' 30" |

**Note to Contractor & Field Engineer**
**Order of Const.**

The intersection @ Cessna & the section from 0+00 to 2+20 is to be paved & open to traffic prior to start of const on remainder of project. The Roosevelt intersection is to be paved last & kept open to N.S. traffic till remainder of project is complete & open to traffic.

# ROSEBERRY

C19-240

SHEET NO TWO

B.M. 114.23 "□" on c. of walk, S.S. Roseberry & W.L. Roosevelt.




## CURVE DATA

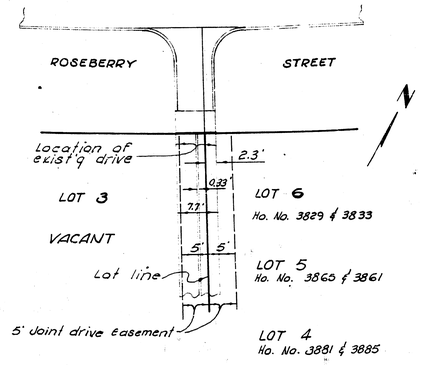
Sta. 14+59.5 to Sta. 18+17.6 Length = 358.1'
Δ = 16° 43' Rad. N. ℄ = 1227.37 Min/Ft = 14004

| STA. | ARC | CHORD R=1227.37 | CHORD 8' OFFSET N. CURB R=1216.57 | CHORD 8' OFFSET S. CURB R=1170.37 | DEFL. | Σ DEFL. |
|---|---|---|---|---|---|---|
| 14+59.5 | — | — | — | — | — | — |
| 15+00 | 40.5 | 40.50 | 40.14 | 38.62 | 0° 56' 43" | 0° 56' 43" |
| 15+50 | 50.0 | 49.99 | 49.55 | 47.67 | 1° 10' 01" | 2° 06' 44" |
| 16+00 | " | " | " | " | " | 3° 16' 46" |
| 16+50 | " | " | " | " | " | 4° 26' 47" |
| 17+00 | " | " | " | " | " | 5° 36' 48" |
| 17+50 | " | " | " | " | " | 6° 46' 50" |
| 18+00 | 50.0 | 49.99 | 49.55 | 47.67 | 1° 10' 01" | 7° 56' 51" |
| 18+17.6 | 17.6 | 17.60 | 17.44 | 16.78 | 0° 24' 39" | 8° 21' 30" |

## ROSEBERRY

C19-240

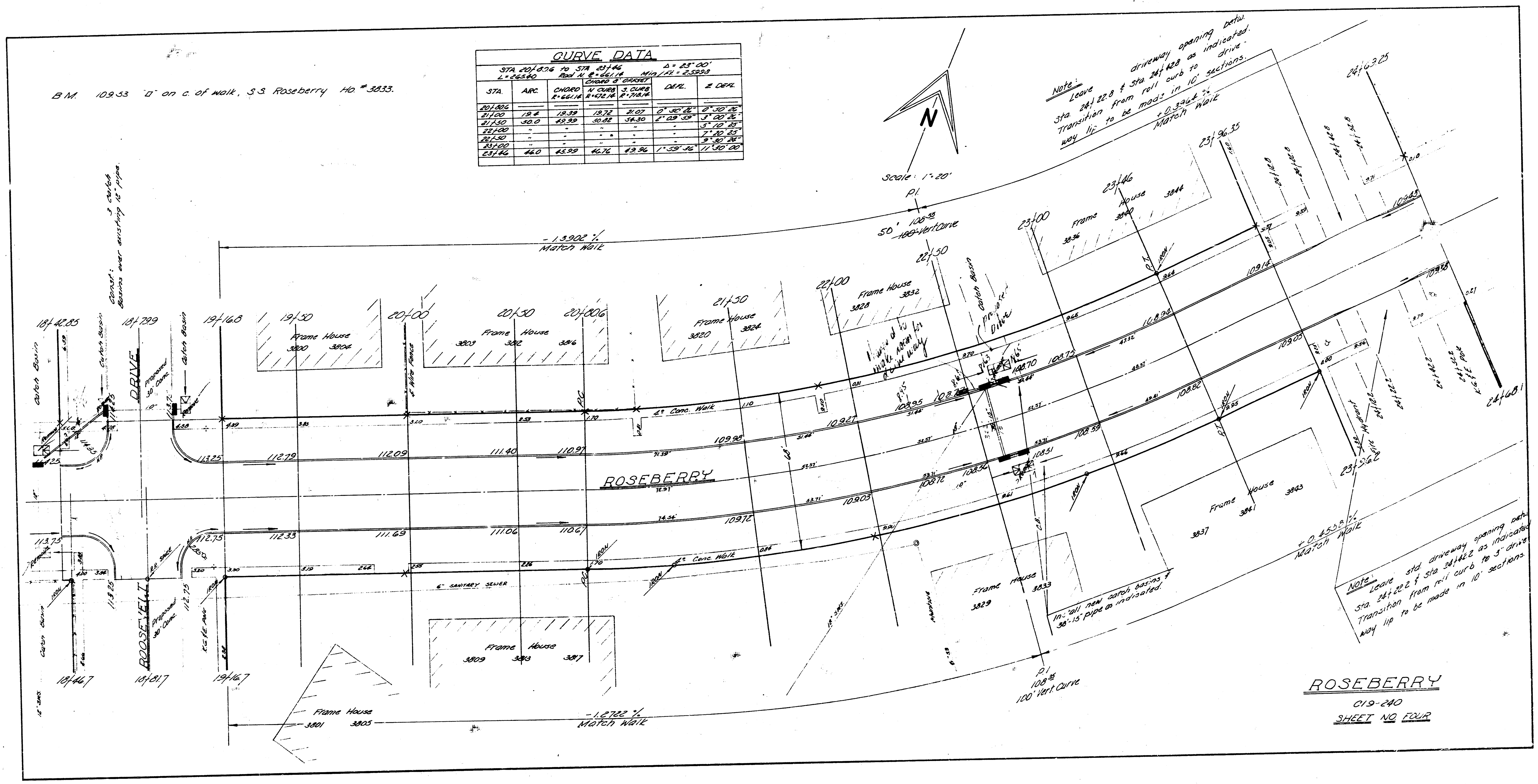
SHEET NO. THREE




Property owners will have to pay cash for all that part of this approach adjacent to lot 3 which is shaded blue.

That part of approach in front of lot 6, which is shaded green can be assessed to lot 6, but lots 4 and 5 should pay their share.

Existing conc. ribbon drive on lots 3 and 6 is 1½' off center and part of drive falls outside of 5' Easement on lot 3.




## CURVE DATA

STA. 20+80.6 to STA. 23+46 Δ = 23°00'
L = 265.40 Rad N. ℄ = 661.14 Min/Ft. = 2.5998

| STA. | ARC. | CHORD R=661.14 | N. CURB R=672.14 | S. CURB R=718.14 | DEFL. | Σ DEFL. |
|---|---|---|---|---|---|---|
| 20+80.6 | — | — | — | — | — | — |
| 21+00 | 19.4 | 19.39 | 19.72 | 21.07 | 0°50'26" | 0°50'26" |
| 21+50 | 50.0 | 49.99 | 50.82 | 54.30 | 2°09'59" | 3°00'26" |
| 22+00 | " | " | " | " | " | 5°10'25" |
| 22+50 | " | " | " | " | " | 7°20'25" |
| 23+00 | " | " | " | " | " | 9°30'26" |
| 23+46 | 46.0 | 45.99 | 46.76 | 49.96 | 1°59'36" | 11°30'00" |

B.M. 112.71 "O" on c. of walk, S.S. Roseberry Ho.# 3987.

Note:
Leave driveway openin betw. sta 27+30 & sta 27+70 as indicated. Transition from roll curb to drive-way lip to be made in 10' sections.

N

Scale 1"=20'

P.I. 109.73 No Vert. Curve

+0.3964 % Match Walk

+0.3095 % Match Walk

P.I. 112.93 30' Vert. Curve

24+69.25 | 25+00 | 25+50 | 26+00 | 26+50 | 27+00 | 27+10 | 28+02 | 28+50 | 29+00 | 29+50 | 30+01.4

4' Picket Fence

Frame House 3943 3947 3951

Conc. Block Manhole

Frame House 3960 3964 3968

4' Conc. Walk

Sanitary Sewer

3' Wire Fence

Frame House 3992 3994 3998

O WK

4' Wire Fence

Conc. Ditch

P.C. 112.93

10943 | 109.25 | 109.75 | 110.00 | 110.26 | 110.51 | 110.67 | 111.03 | 111.28 | 111.53 | 111.79 | 112.04 | 112.18

Cast Catch Basins over existing 18" pipe.

ROSEBERRY

60'

10938 | 109.32 | 109.75 | 110.00 | 110.33 | 110.51 | 110.70 | 111.20 | 111.48 | 111.77 | 112.05 | 112.35

4' Conc. Walk

Frame House 3943 3947 3951

Catch Basin

4' Wire Fence

Frame House 3955 3959 3961

Fire Hydrant

27+28.6

27+49.5

27+91.5

27+70.5

4'x4' Post

27+91.6

4' Wire Fence

Frame House 3987 3991

Frame House 3995 3999

+0.4558 % Match Walk

+0.3760 % Match Walk

P.I. 109.73 No Vert. Curve

P.I. 112.93 No Vert. Curve

Note:
Leave std. driveway opening betw. sta. 27+49.5 & sta. 27+69.5 as indicated. Transition from roll curb to 3" drive-way lip to be made in 10' sections.

Note to contractor & field engr.:
Roseberry has an existing asph. conc. mat approx. 25' wide through-out its entire length. This mat is to be excavated separately and disposed of within the Plan. view area as directed by the city supt. of street maintenance. Payment will be made as sq yds. of surface material removed. Final quantity of removed material to be deter-mined by the city field engr.

Note:
City field engineer will direct the removal & replacement of unsafe sidewalk where necessary.

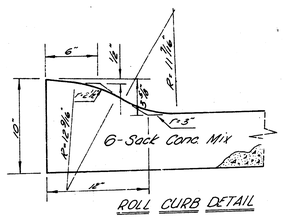
ROSEBERRY

C19-240

SHEET NO FIVE

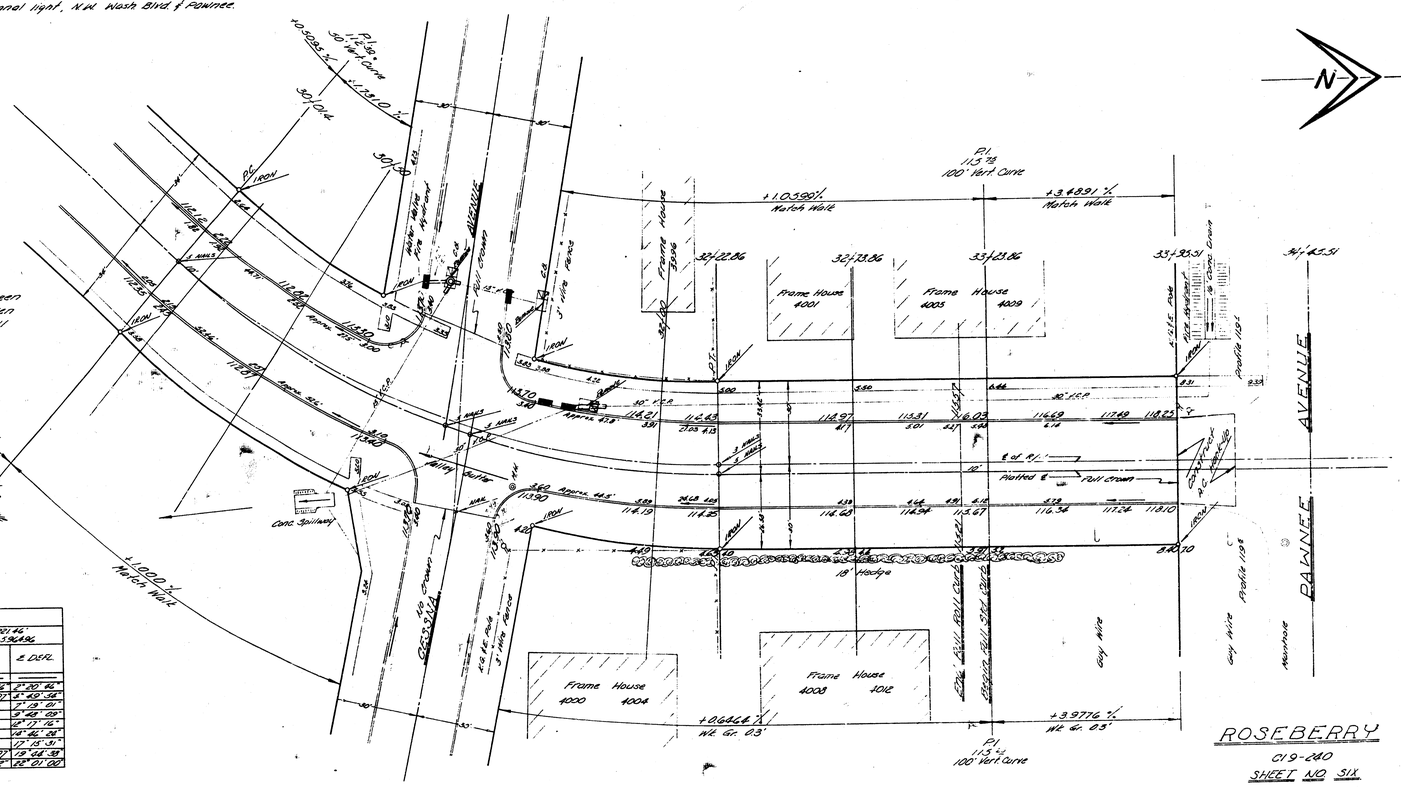
B.M. 118.35 "O" on c. of walk, N.S. Roseberry & S.L. Pawnee.
B.M. 119.96 "X" on N.S. conc. base signal light, N.W. Wash. Blvd. & Pawnee.

Note:
Stationing on center line from 30/014 to end of project.




ROLL CURB DETAIL

Note:
Const. roll curb between sta. 0/00 & sta. 33/13.86. Elev. given for these stations are top of roll curb & down .03' to flo line.




CURVE DATA

Sta 30/101.4 To Sta 32/22.86 Length = 201.46
Δ = 43° 2' Feet @ R = 200.16: Min/1° = 5°43.84'

| STA | ARC | CHORD @ 200.16 | CHORD & CURB L. CURB R=311.16 | CHORD & CURB N. CURB R=265.16 | DEFL. | Σ DEFL. |
|---|---|---|---|---|---|---|
| 30/101.4 | — | — | — | — | — | — |
| 30/125 | 23.60 | 23.59 | 23.61 | 23.71 | 2° 20' 46" | 2° 20' 46" |
| 30/150 | 23.00 | 24.39 | 24.99 | 25.00 | 2° 29' 07" | 4° 49' 54" |
| 30/175 | - | - | - | - | - | 7° 19' 01" |
| 31/000 | - | - | - | - | - | 9° 48' 08" |
| 31/050 | - | - | - | - | - | 12° 17' 15" |
| 31/125 | - | - | - | - | - | 14° 46' 28" |
| 31/200 | - | - | - | - | - | 17° 15' 31" |
| 31/275 | - | - | - | - | - | 19° 44' 38" |
| 32/100 | 23.00 | 24.39 | 24.39 | 23.00 | 2° 29' 07" | 22° 13' 45" |
| 32/122.86 | 22.86 | 22.85 | 24.58 | 21.03 | 2° 16' 15" | 24° 01' 00" |

Note:
Const. roll curb between sta. 0/00 & sta. 33/13.86. Elev. given for these stations are top of roll curb & down .03' to flo line.

ROSEBERRY
C19-260
SHEET NO. SIX.

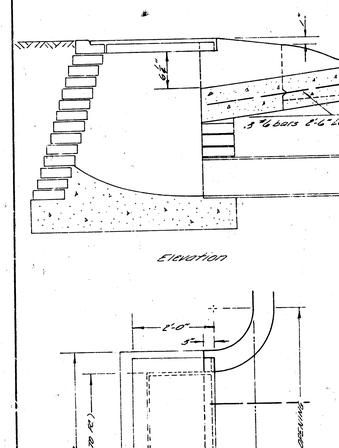
B.M. 110.00 "O" on c of walk, S.S. Roseberry & E.L. Vassar Ct.
B.M. 111.23 "O" on c of walk, S.S. Roseberry & W.L. Roosevelt
B.M. 109.33 "O" on c of walk, S.S. Roseberry @ No. ≈ 3933.
B.M. 112.71 "O" on c of walk, S.S. Roseberry @ No. ≈ 3907.

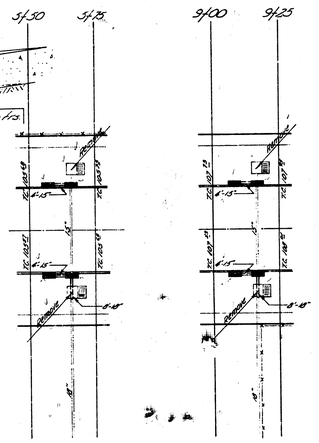
**Note:** Use reinforced concrete pipe of the size specified where new pipe is required.

**Note:** Remove (3) Catch Basins & Install (1) Pipe Plugs at intersection of Manhole & Roseberry.

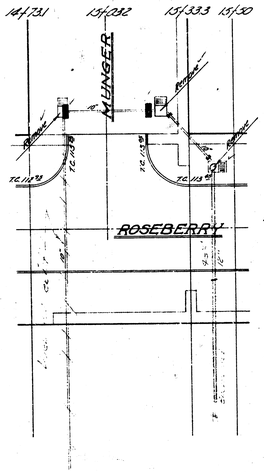
Remove (3) 4'x4' Catch Basin & Const. (4) 2'x5' C.B. & (1) std manhole. Install 12' of 30" & 16' of 15" R.C.P.

Roll Cb. Catch Basin Detail

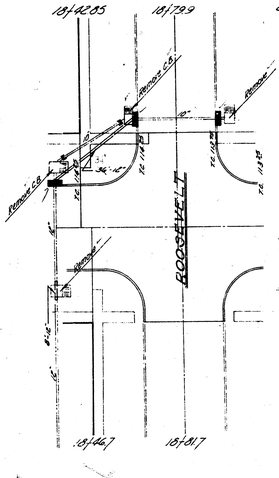



Remove (4) 4'x4' Catch Basins at the locations shown. Install (4) 2'x5' Catch Basins over existing pipe. Four foot sections of 15" pipe will connect (4) more 2'x5' basins to the system.



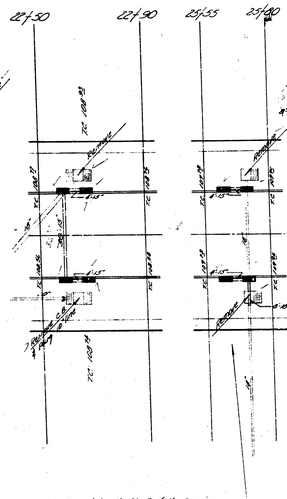

Remove (3) 4'x4' Catch Basins & install (2) 2'x5' C.B. over existing pipe as shown. Close one 10" pipe with (2) pipe plugs.



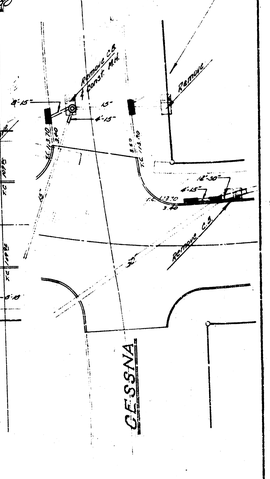




Remove (4) 4'x4' Catch Basins & install (3) 2'x5' C.B. & 44' of 12" pipe at the locations shown on plan. Close one 10" pipe.




Remove (2) 4'x4' Catch Basins & install (2) 2'x5' C.B. & 38' of pipe at the locations shown. Close one 10" pipe.




Remove (2) 4'x4' Catch Basins & install (2) 2'x5' C.B. as shown.

Scale: 1" = 20'

B.E. SMITH — REGISTERED — 435 — CIVIL ENGINEER — CALIFORNIA

# INCIDENTAL DRAINAGE

## ROSEBERRY

E.L. HILLSIDE — S.L. PAWNEE

B.E. Smith City Engineer
Date: Oct. 1940, Proj. No. C19-240