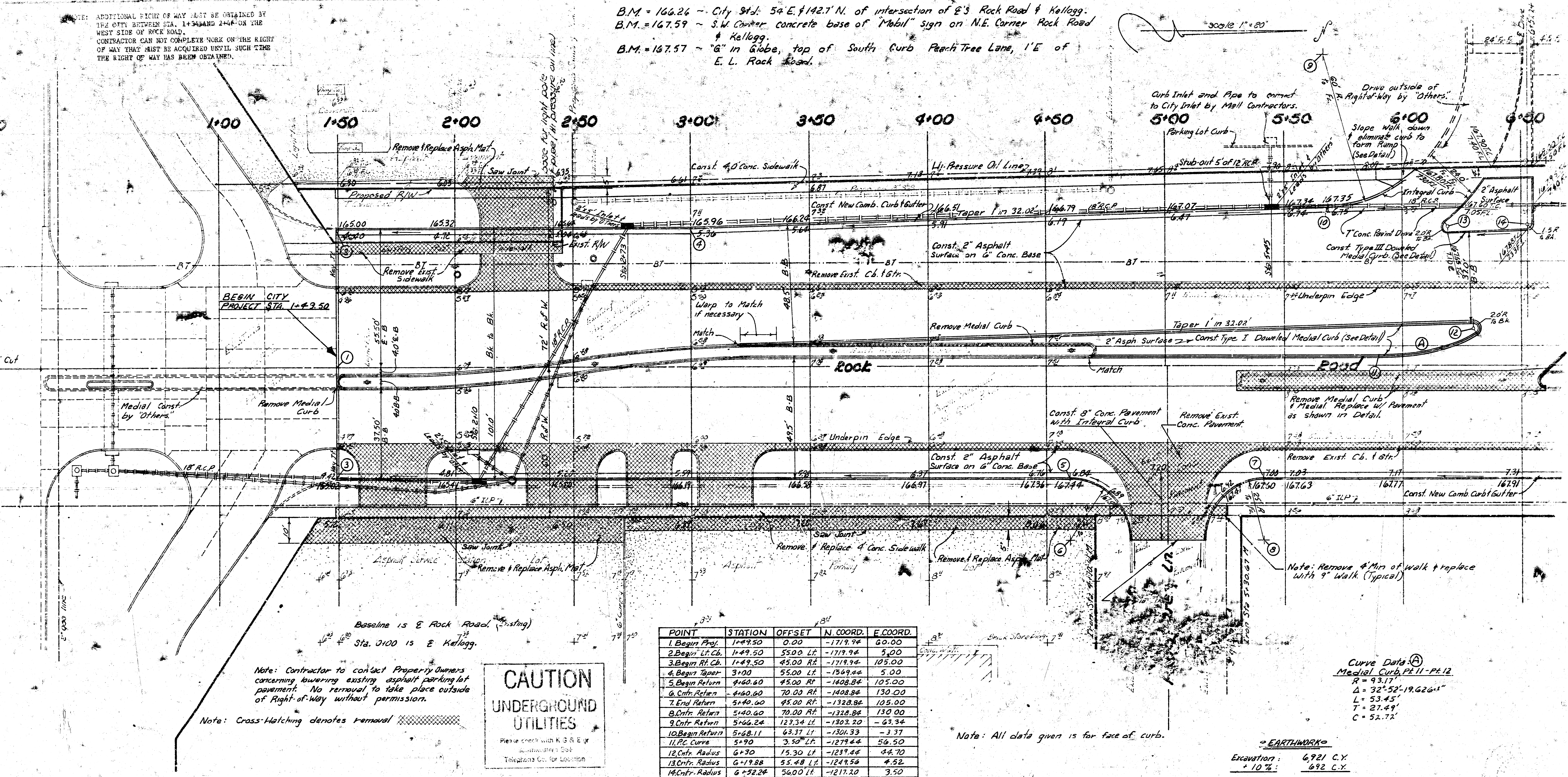


NOTE: ADDITIONAL RIGHT OF WAY MUST BE OBTAINED BY THE CITY BETWEEN STA. 1+34 AND 2+46 ON THE WEST SIDE OF ROCK ROAD.
CONTRACTOR CAN NOT COMPLETE WORK ON THE RIGHT OF WAY THAT MUST BE ACQUIRED UNTIL SUCH TIME THE RIGHT OF WAY HAS BEEN OBTAINED.

B.M. = 166.26 ~ City Std. 54'E, 142.7' N. of intersection of E's Rock Road & Kellogg.
B.M. = 167.59 ~ S.W. corner concrete base of 'Mobil' sign on N.E. corner Rock Road & Kellogg.
B.M. = 167.57 ~ 'G' in globe, top of South Curb Peach Tree Lane, 1'E of E. L. Rock Road.

Scale 1" = 20'



Note: Coordinates are based on Mail Construction Coordinate System. 0.00 N, 0.00 E is control point, Sta. 18+49.44, 60' Lt. of E

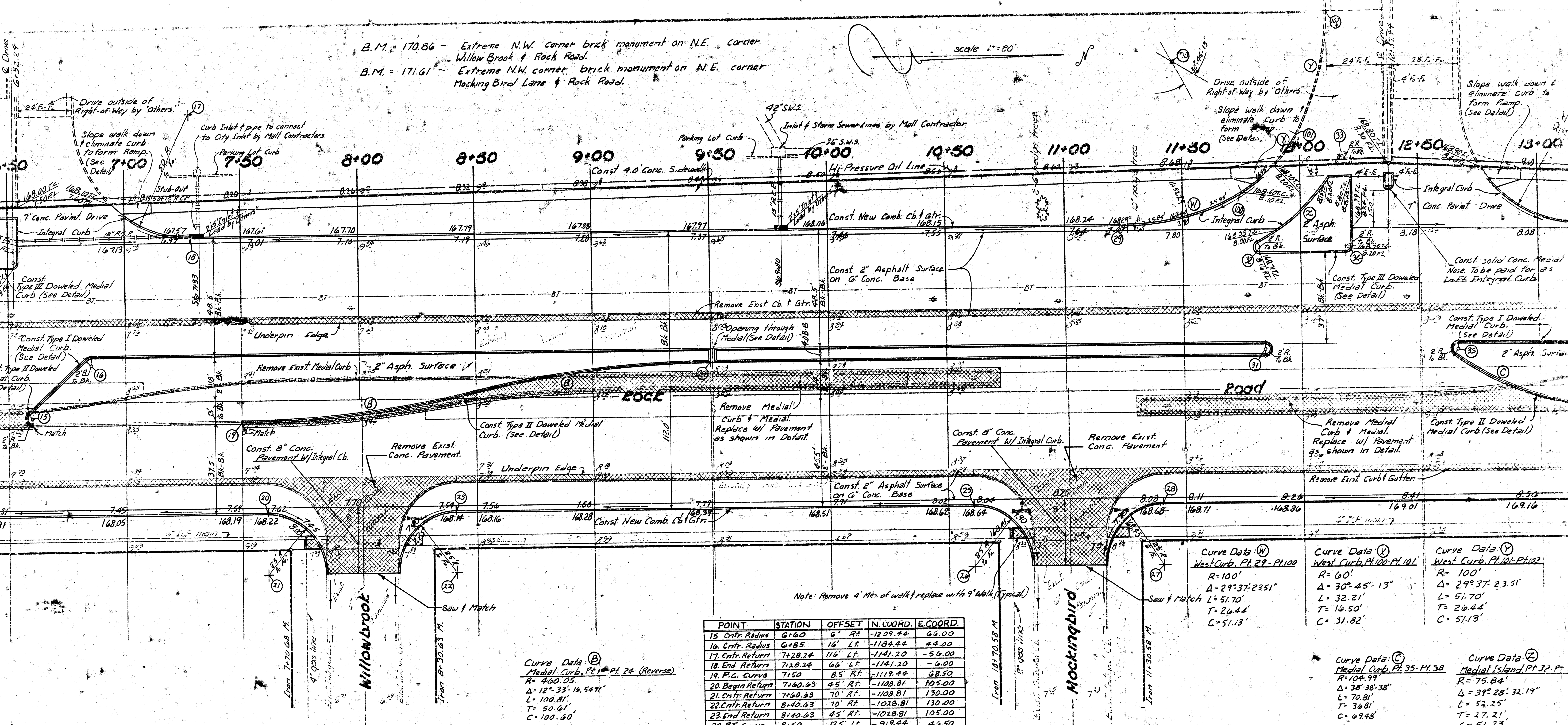
NOTE: ANY EXCESS SUITABLE EXCAVATION FOR CHANNEL CONSTRUCTION IS TO BE DELIVERED TO E. SIDE ARMOUR STREET, PROJECT DAKS 573057. S.L. KELLOGG MAIL ADDITION TO S.L. DOUGLAS AVENUE.

ROCK ROAD
N.L. Kellogg to S.L. Douglas
DAKS 573055

21/110

B.M. = 170.86 ~ Extreme N.W. corner brick monument on N.E. corner Willow Brook & Rock Road.
 B.M. = 171.61 ~ Extreme N.W. corner brick monument on N.E. corner Mocking Bird Lane & Rock Road.

scale 1"=80'



Curve Data (B)
 Medial Curb, Pt. 10 - Pt. 24 (Reverse)
 $R = 460.05'$
 $\Delta = 12^\circ 33' 16.54''$
 $L = 100.81'$
 $T = 50.61'$
 $C = 100.60'$

Curve (W) Pt. 29 - Pt. 100
 $\Delta = 29^\circ 37' 23.51''$
 $R = 100'$
 $T = 26.44'$
 $L = 51.70'$
 $LC = 51.13'$

CURVE DATA BASED ON West Curb RAD. $\Delta = 14^\circ 48' 41''$

CURVE STA.	ARC	CHORD	LENGTH	DEFLECTION	TOTAL
		OFF CB	OFF CB		
P.C. 11+26.44	-	-	-	0°00'00"	0°00'00"
11+52.29	25.85'	23.72'	-	7°24'21"	7°24'21"
P.C.C. 11+78.14	25.85'	23.72'	-	7°24'21"	14°48'42"

POINT	STATION	OFFSET	N. COORD.	E. COORD.
15. Cntr. Radius	6+60	6' Rt.	-1209.44	66.00
16. Cntr. Radius	6+85	16' Lt.	-1184.44	44.00
17. Cntr. Return	7+28.24	116' Lt.	-1141.20	-56.00
18. End Return	7+28.24	66' Lt.	-1141.20	-6.00
19. P.C. Curve	7+50	85' Rt.	-1119.44	68.50
20. Begin Return	7+60.63	45' Rt.	-1108.81	105.00
21. Cntr. Return	7+60.63	70' Rt.	-1108.81	130.00
22. Cntr. Return	8+40.63	70' Rt.	-1028.81	130.00
23. End Return	8+40.63	45' Rt.	-1028.81	105.00
24. P.T. Curve	9+50	135' Lt.	-919.44	46.50
25. Begin Return	10+60.70	45' Rt.	-808.74	105.00
26. Cntr. Return	10+60.70	70' Rt.	-808.74	130.00
27. Cntr. Return	11+40.70	70' Rt.	-728.74	130.00
28. End Return	11+40.70	45' Rt.	-728.74	105.00
29. Begin Return	11+26.44	66' Lt.	-743.00	-6.00
30. Cntr. Mid Curve	11+46.21	131.23 Lt.	-723.23	-71.23
31. Cntr. Radius	11+85	16' Lt.	-684.44	44.00
32. "	11+80.97	57' Lt.	-688.47	3.00
33. "	12+18.94	93.85 Lt.	-650.50	-33.85
34. "	12+18.94	57' Lt.	-650.50	3.00
35. "	12+66	1644' Lt.	-603.44	43.56
100. P.T. PC Return	11+78.87	79.07 Lt.	-693.57	-19.07
101. P.T. PC Return	11+98.37	101.57 Lt.	-671.07	-41.57
102. P.T. Return	12+11.44	151' Lt.	-658.00	-91.00

Curve (X) Pt. 100 - Pt. 101
 $\Delta = 30^\circ 45' 13''$
 $R = 60'$
 $T = 16.50'$
 $L = 32.21'$
 $LC = 31.82'$

CURVE DATA BASED ON West Curb RAD. $\Delta = 15^\circ 22' 31''$

CURVE STA.	ARC	CHORD	LENGTH	DEFLECTION	TOTAL
		OFF CB	OFF CB		
P.C. 11+78.14	-	-	-	0°00'00"	0°00'00"
P.L. 11+98.69	16.55'	14.30'	-	7°54'07"	7°54'07"
P.C.C. 12+10.35	15.66'	13.53'	-	7°28'28"	15°22'36"

Curve Data (C) Medial Curb, Pt. 35 - Pt. 38
 $R = 104.99'$
 $\Delta = 38^\circ 38' 38''$
 $L = 70.81'$
 $T = 36.81'$
 $C = 69.48'$

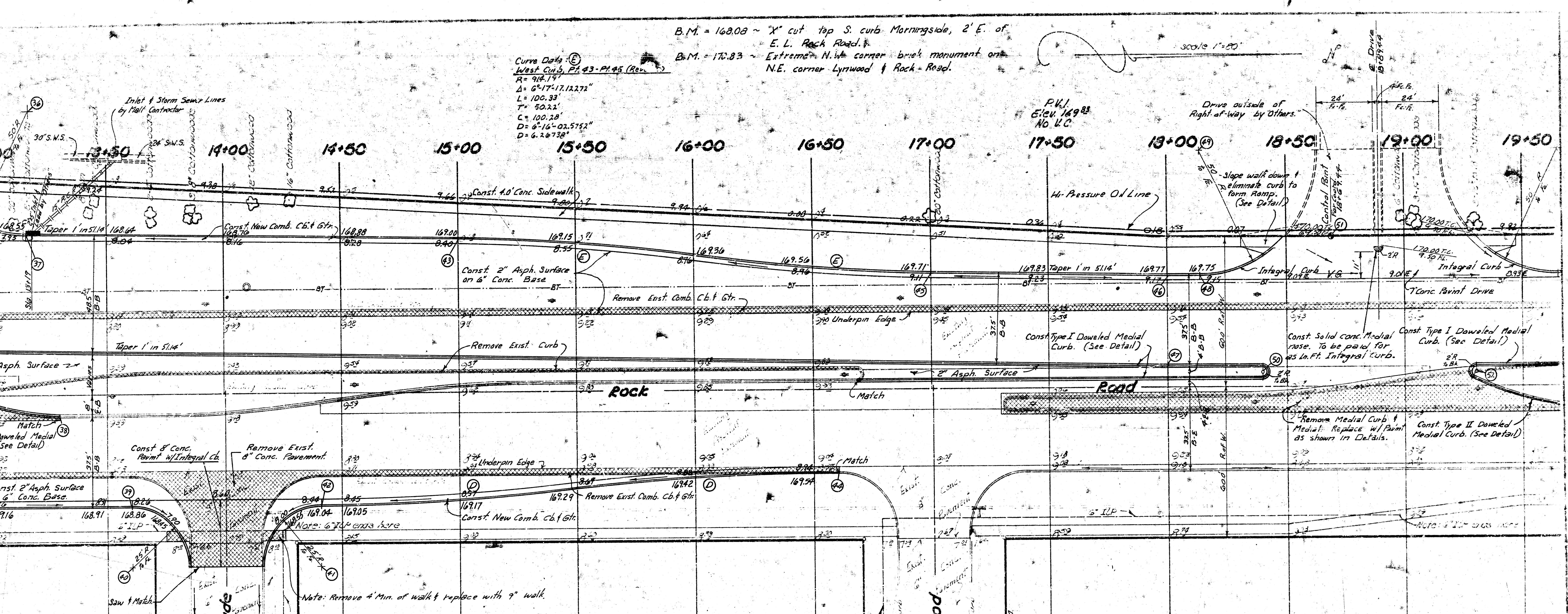
Curve Data (Z) Medial Island, Pt. 32 - Pt. 37
 $R = 75.84'$
 $\Delta = 39^\circ 28' 32.19''$
 $L = 52.25'$
 $T = 27.21'$
 $C = 51.23'$

Note: All curve data given 15 to face of curb.

Shopping Center Exit Revised 6-17-74
ROCK ROAD
 N.L. Kellogg to S.L. Douglas
 DAKS 573055

B.M. = 168.08 ~ 'X' cut top S. curb Morningside, 2' E. of E. L. Rock Road.
 B.M. = 170.83 ~ Extreme N.W. corner brick monument on N.E. corner Lynwood & Rock Road.

Curve Data (C)
 West Curb, Pt. 43 - Pt. 45 (Rev.)
 $R = 914.19'$
 $\Delta = 6^\circ 17' 17.12272''$
 $L = 100.33'$
 $T = 50.22'$
 $C = 100.20'$
 $D = 6^\circ 16' 02.5752''$
 $D = 6.26738^\circ$



Curve Data (D)
 East Curb, Pt. 42 - Pt. 44 (Reverse)
 $R = 1009.68'$
 $\Delta = 6^\circ 14' 57.7101''$
 $L = 110.13'$
 $T = 55.12'$
 $C = 110.07'$
 $D = 5^\circ 40' 28.7305''$
 $D = 5.67464^\circ$

Note: All data given is to face of curb.

POINT	STATION	OFFSET	N. COORD.	E. COORD.
36. Cntr. Return	13+17.44	115.95' Lt.	-552.00	-55.45
37. End Return	13+16.46	65.46' Lt.	-552.78	-5.46
38. P.T. Curve	13+30	8.5' Rt.	-539.44	68.50
39. Begin Return	13+60.65	45' Rt.	-508.79	105.00
40. Cntr. Return	13+60.65	70' Rt.	-508.79	130.00
41. Cntr. Return	14+40.65	70' Rt.	-428.79	130.00
42. End Return	14+40.65	45' Rt.	-428.79	105.00
43. P.C. Curve	15+00	61.81' Lt.	-369.44	-1.87
44. P.T. Curve	16+60.47	33' Rt.	-208.97	93.00
45. P.T. Curve	17+00	46.96' Lt.	-169.44	13.04
46. P.T. (No Curve)	18+00.22	45' Lt.	-69.44	15.00
47. P.T. (No Curve)	18+00	8.5' Lt.	-69.44	51.90
48. Begin Return	18+13.44	45' Lt.	-56.00	15.00
49. Cntr. Return	18+13.44	95' Lt.	-56.00	-35.00
50. Cntr. Radius	18+40	6' Lt.	-29.44	54.00
51. Control Point	18+69.44	60' Lt.	0.00	0.00
52. Cntr. Radius	19+30	6' Lt.	60.56	54.00

Curve (D) Pt. 42 to Pt. 44
 $\Delta = 6^\circ 14' 58'' R = 1009.68' T = 55.12' L = 110.13' LC = 110.01'$

CURVE DATA BASED ON West Curb RAD. $\Delta = 3^\circ 07' 29''$

CURVE STA.	ARC.	CHORD LENGTH	CHORD BEG.	CHORD END	DEFLECTION	TOTAL DEFLECTION
14+40.65	P.C.	-	-	-	0°00'00"	0°00'00"
14+65.65	25.00'	25.30'	-	-	0°42'34"	0°42'34"
14+90.65	"	"	"	"	1°25'08"	1°25'08"
15+15.65	"	"	"	"	2°07'42"	2°07'42"
15+40.65	"	"	"	"	2°50'16"	2°50'16"
15+65.78	10.13'	10.21'	-	-	0°17'14"	3°07'30"
15+75.78	25.00'	24.80'	-	-	0°42'34"	0°42'34"
16+00.78	"	"	"	"	1°25'08"	1°25'08"
16+25.78	"	"	"	"	2°07'42"	2°07'42"
16+50.78	"	"	"	"	2°50'16"	2°50'16"
16+60.91	10.13'	10.05'	-	-	0°17'14"	3°07'30"

Curve (E) Pt. 43 to Pt. 45
 $\Delta = 6^\circ 17' 17.12272'' R = 914.19' T = 50.22' L = 100.33' LC = 100.28'$

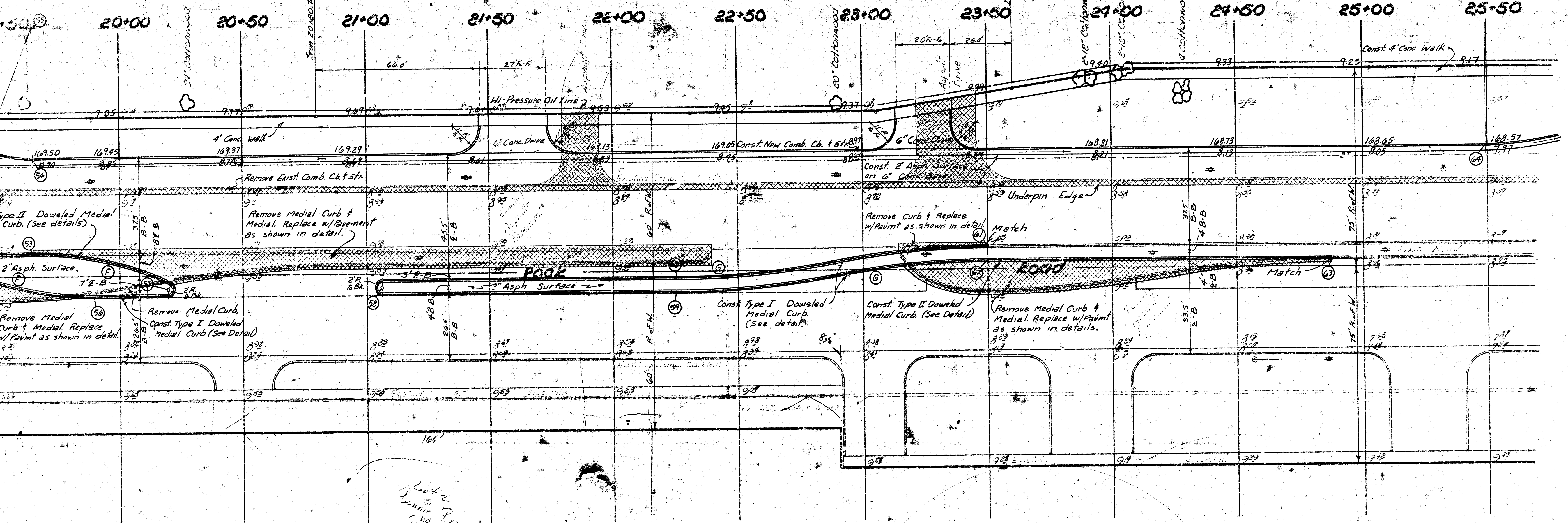
CURVE DATA BASED ON West Curb RAD. $\Delta = 3^\circ 07' 29''$

CURVE STA.	ARC.	CHORD LENGTH	CHORD BEG.	CHORD END	DEFLECTION	TOTAL DEFLECTION
15+00	P.C.	-	-	-	0°00'00"	0°00'00"
15+25	25.00'	25.22'	-	-	0°47'08"	0°47'08"
15+50	"	"	"	"	1°34'08"	1°34'08"
15+75	"	"	"	"	2°21'08"	2°21'08"
16+00.33	25.33'	25.55'	-	-	0°47'38"	3°08'38"
16+25.33	25.00'	24.78'	-	-	0°47'08"	0°47'08"
16+50.33	"	"	"	"	1°34'08"	1°34'08"
16+75.33	"	"	"	"	2°21'08"	2°21'08"
17+00.44	25.33'	25.11'	-	-	0°47'38"	3°08'38"

ROCK ROAD
 N.L. Kellogg to S.L. Douglas
 DAKS 513055

B.M. = 169.41 ~ City Station 77 S. & 53.5' W. of intersection of
E.S. Rock Road & Douglas.

Note: Driveway locations shown are tentative.
Contractor to Contact Owner Prior to Const. for
exact locations.



Curve Data: (C)
Medial Curb, Pt. 52 - Pt. 56 & Pt. 53 - Pt. 57
R = 145.50'
Δ = 22° 37' 11.5138"
L = 57.44'
T = 29.10'
C = 57.07'

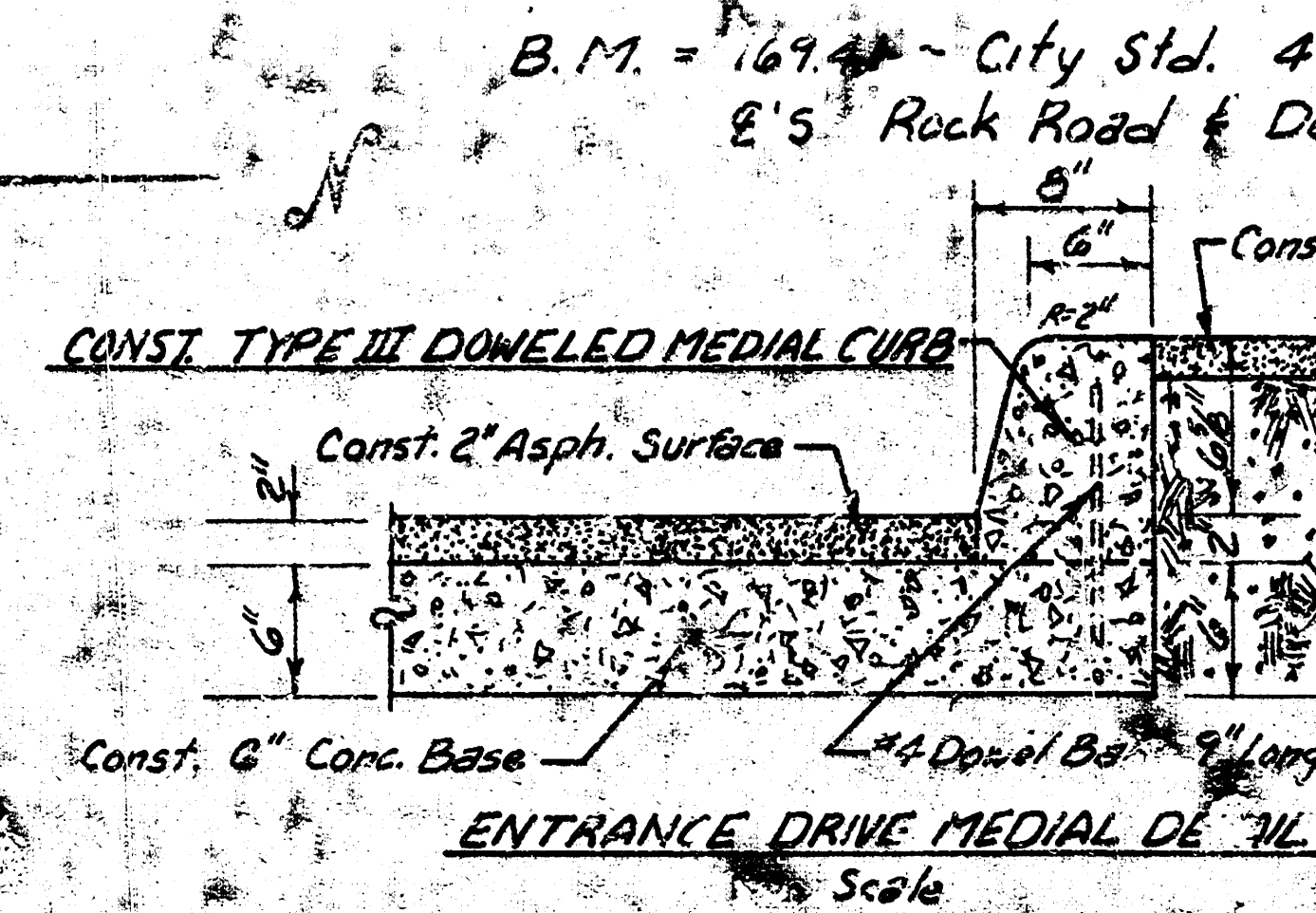
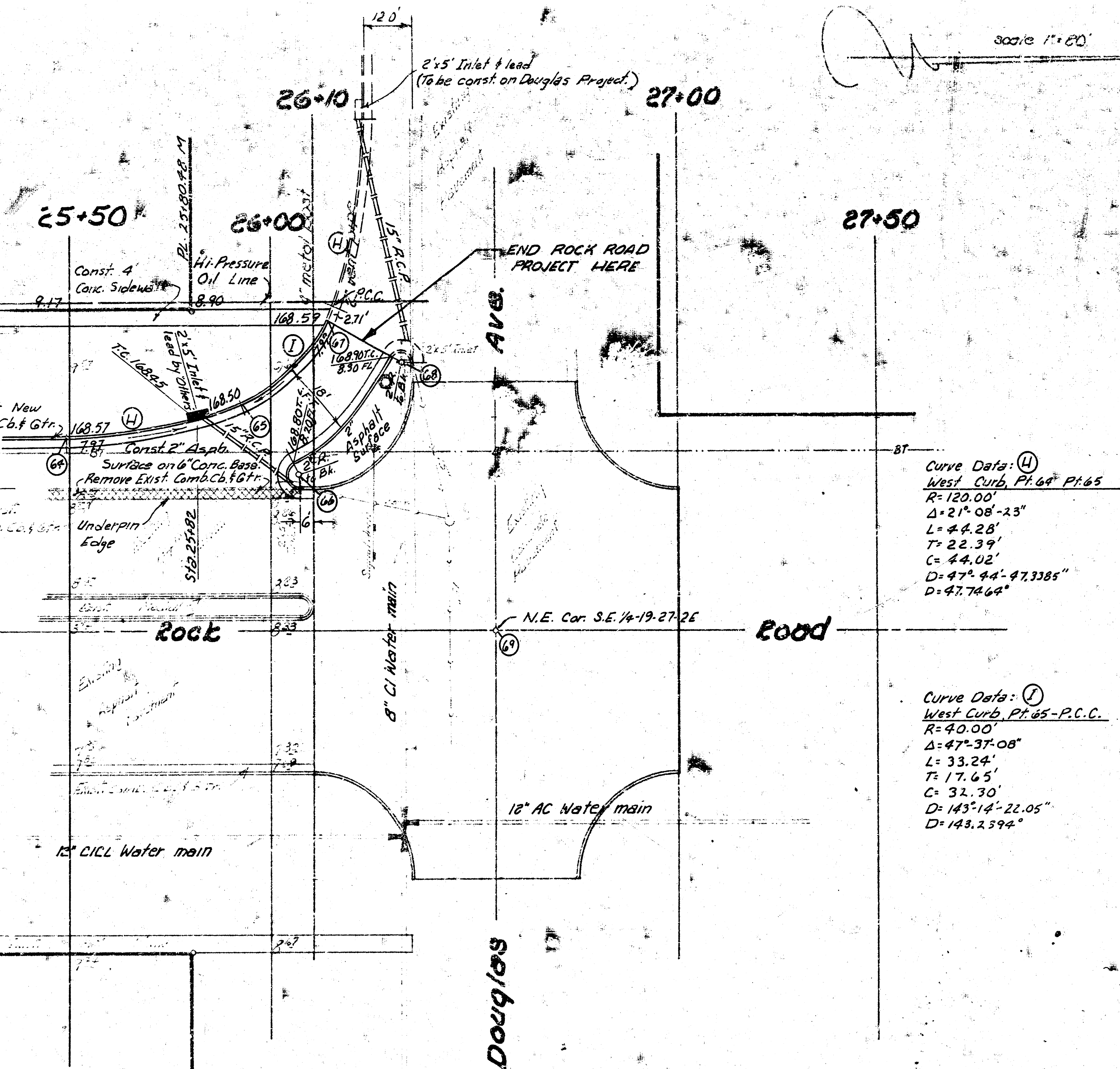
Curve Data: (C)
Medial Curb, Pt. 59 - Pt. 62 & Pt. 60 - Pt. 61 (Reverse)
R = 357.86'
Δ = 10° 03' 29.3297"
L = 62.82'
T = 31.49'
C = 62.74'

Note: All data given is to face of curb.

POINT	STATION	OFFSET	N. COORD.	E. COORD.
53 P.C. Curve	19+65	8.5' Lt	95.56	51.50
54 End Return	19+65.44	45.0' Lt	96.00	15.00
55 Cntr. Return	19+65.44	95.0' Lt	96.00	-35.00
56 P.T. Curve	19+70	7.5' Rt	120.56	67.50
57 Cntr. Radius	20+20	5.0' Rt	150.56	65.00
58 Cntr. Radius	21+06	5.0' Rt	236.56	65.00
59 P.C. Curve	22+25	7.5' Rt	355.56	67.50
60 P.C. Curve	22+25	2.5' Rt	355.56	67.50
61 P.T. Curve	23+50	8.5' Lt	480.56	51.50
62 P.T. Curve	23+50	3.5' Lt	480.56	56.50
63 Match Pt.	24+88	3.5' Lt	618.56	56.50
64 Begin Return	25+49.21	45.0' Lt	679.77	15.00

ROCK ROAD
N.L. Kellogg & S.L. Douglas
DAKS 573055

15-Eng
1-Water



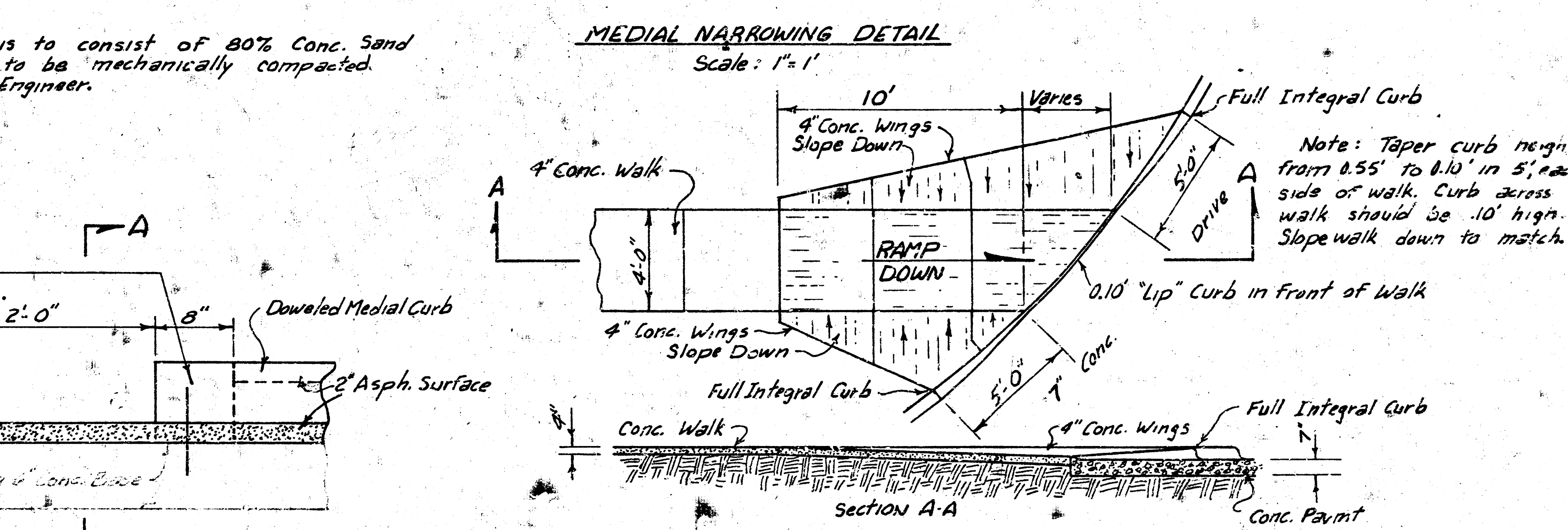
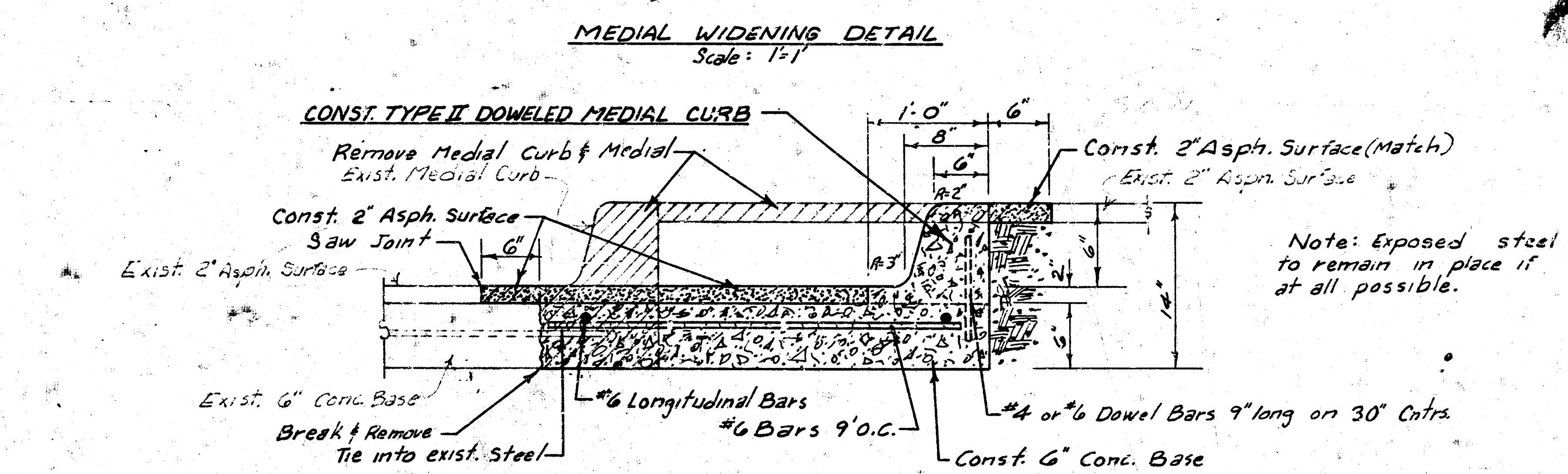
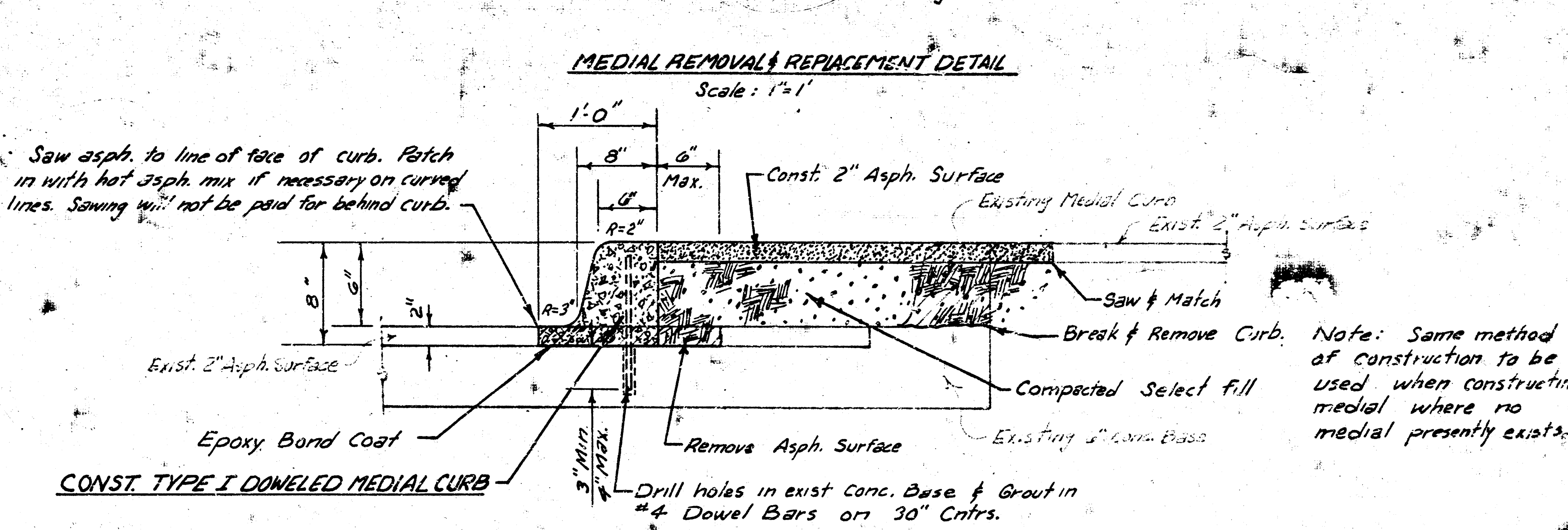
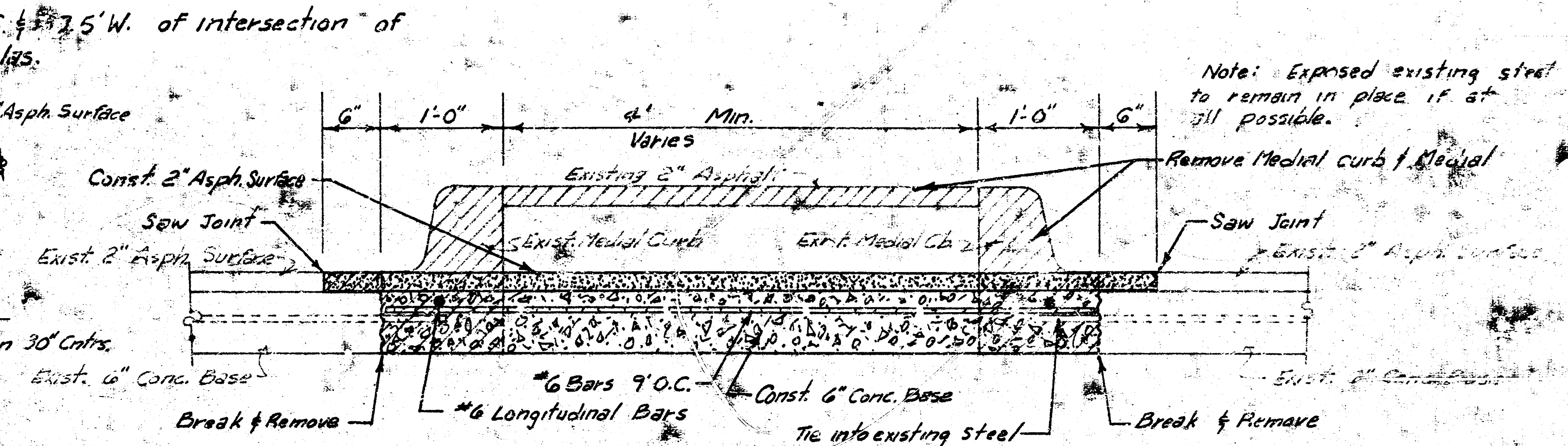
CURVE DATA BASED ON West Curb RAD. Δ = 10° 34' 15"

CURVE STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
25+49.21	-	0' 00' 00"	0' 00' 00"	0' 00' 00"
25+71.35	22.14'	20.64'	5° 17' 05.75"	5° 17' 05.75"
25+93.49	22.14'	20.64'	5° 17' 05.75"	10° 34' 11.5"

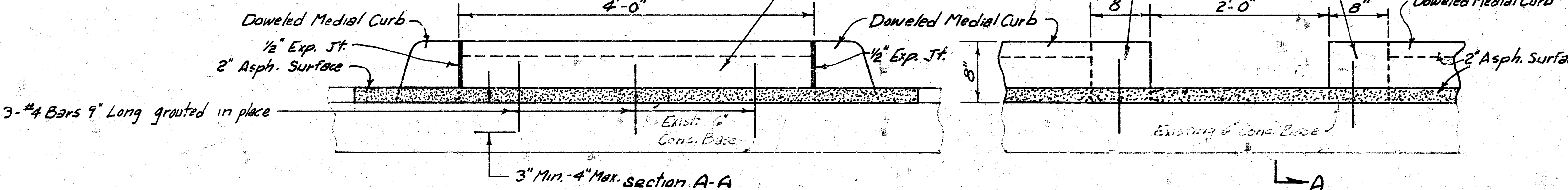
Curve (I) Pt. 65 - Pt. 67 (End Proj.)
Δ = 43° 44' 11.8" R = 40.00' T = 16.16' L = 30.53' LC = 29.80'

CURVE DATA BASED ON West Curb RAD. Δ = 21° 52' 07.11"

CURVE STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
25+93.49	P.C.C.	-	0' 00' 00"	0' 00' 00"
26+08.49	15.00'	11.93'	10° 44' 35"	10° 44' 35"
26+24.02	15.53'	12.35'	11° 07' 33"	21° 52' 07"



POINT	STATION	OFFSET	N. COORD.	E. COORD.
G4. Begin Return	25+49.21	45.0' Lt.	679.77	15.00
G5. P.C.C.	25+92.48	53.08' Lt.	723.04	6.92
G6. Cntr. Radius	26+04.01	30.5' Lt.	734.57	29.50
G7. P.O.C. (End Proj.)	26+14.35	73.33' Lt.	744.91	-13.32
G8. Cntr. Radius	26+32.94	64.67' Lt.	763.50	-4.69
G9. NE. Cor. Section	26+55.44	0.00	786.00	60.00



MEDIAL CURB OPENING Sta. 9+50 - 9+52

Scale: 1" = 1'

ROCK ROAD

N.L. Kellogg to S.L. Douglas

DACS 5730 55

15-5749

1-0040

Sta. 0+00 Existing Project

Street

Kellogg

CAUTION
UNDERGROUND
UTILITIES

NOTE: ADDITIONAL RIGHT OF WAY MUST BE OBTAINED BY THE CITY ON THE WEST SIDE OF ROCK ROAD FROM THE NORTH LINE OF KELLOGG TO APPROXIMATELY 110 FEET NORTH OF THE NORTH LINE OF KELLOGG. CONTRACTOR CANNOT WORK ON THIS RIGHT OF WAY WHICH MUST BE ACQUIRED UNTIL SUCH TIME THAT THE RIGHT OF WAY HAS BEEN OBTAINED.

BM=166.26 - City Std. 5' E. of 142.7' N. of intersection of E'S Rock Road & Kellogg.

BM=167.59 - S.W. Corner conc. base of "Mobil" sign on N.E. Corner Rock Road & Kellogg.

BM=167.57 - "6" in Globe, top of South Curb Peach Tree Lane, 1' E. of E.L. Rock Road.

High Pressure Oil Line

Inlet & Pipe Lead to Connect to City Inlet by "Others"

Sta. 5+47.10 - Const. 2'x5' Inlet
FL. Out = 163.34
FL. In = 164.75-12"
FL. In = 163.50-18"

Sta. 2+75.10 - Const. 2'x5' Inlet
FL. Out = 162.17
FL. In = 162.25

Proposed New Sidewalk

Stub-out 5' of 12" R.C.P.

Proposed New Comb. Curb & Gutter

Proposed Pavement -
2" Asphalt Surface
on 6" Conc. Base

Note: Sidewalk has been Removed by "Others"

Existing Comb. Curb & Gutter

Proposed New Medial 2'

Rock Road

Existing Medial 4' 6" Dashed Curb, & Bk to Bk

Remove & Replace Pavement

Saw Joint

Remove Existing Pipe

Plug Pipe

Remove Existing Manhole & Pipe Leads

Existing Comb. Curb & Gutter

Proposed New Comb. Curb & Gutter

12" C.R. Water Main

Proposed New Sidewalk

Proposed New Pavement - 2" Asph. Surface
on 6" Conc. Base

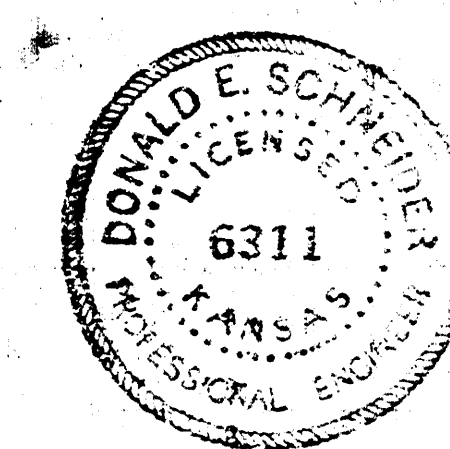
Scale: Plan: 1"=20'
Profile: Horiz: 1"=20'
Vert: 1"=5'

NOTE: TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.

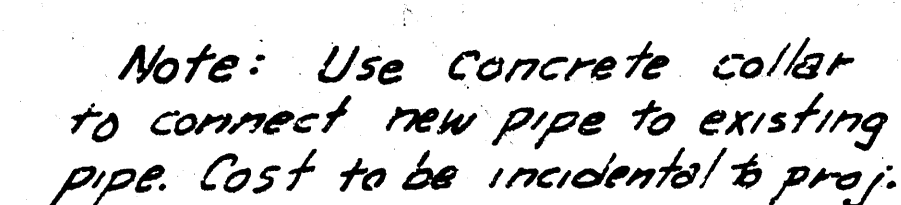
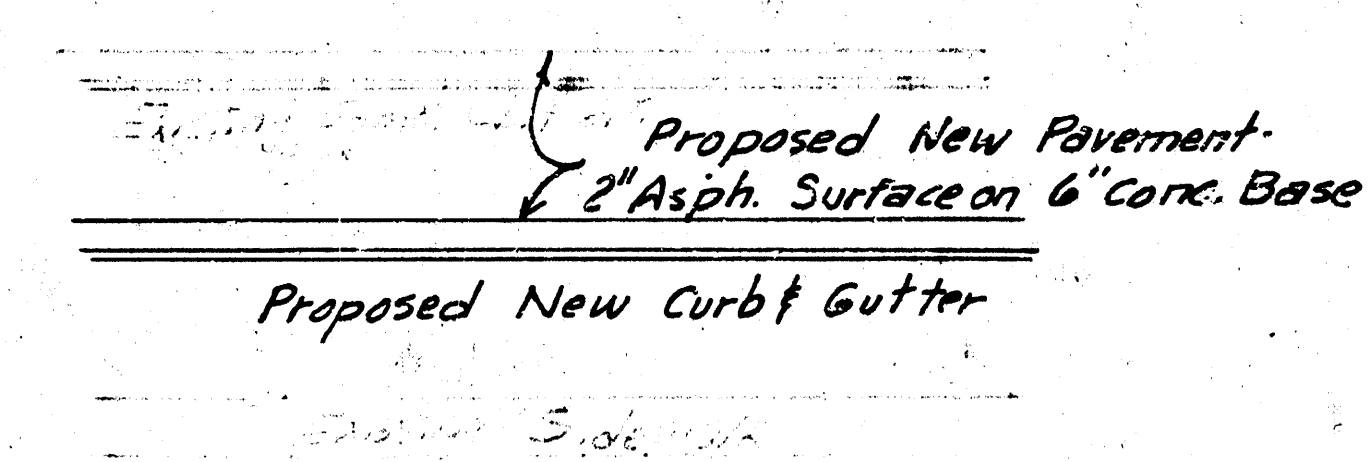
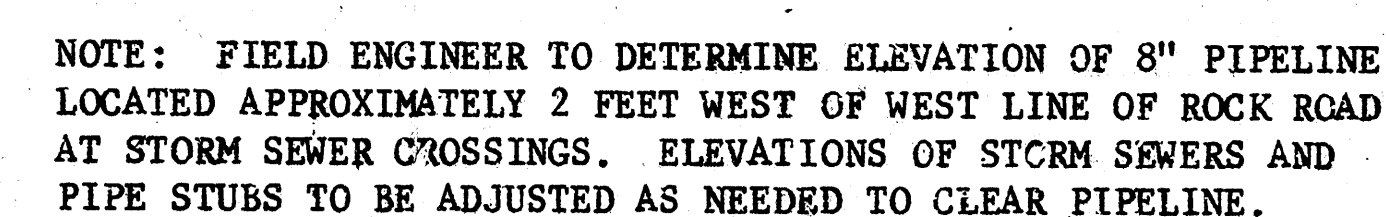
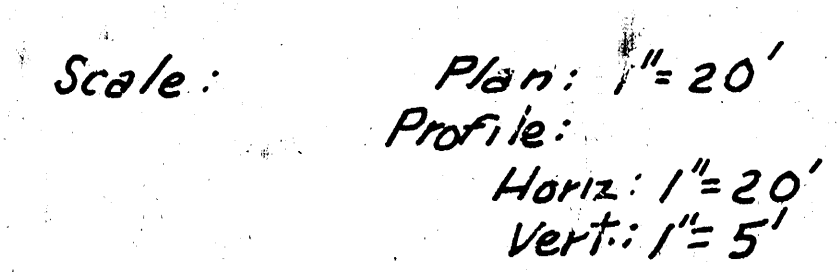
Sta. 0+00
Connect to Existing Manhole
FL. In = 161.40

Manhole Connection to be Considered Incidental to Project.

Sta. 1+55.1 - Const. 2'x5' Inlet
FL. Out = 161.80
FL. In = 161.86



DRAINAGE
IN CONNECTION
WITH
WIDENING OF
ROCK ROAD
N.L. Kellogg to S.L. Douglas
Proj. No. DAKD573055



BM=170.86 - Extreme N.W. Corner brick monument on N.E. Corner Willow Brook & Rock Road.
BM=171.61 - Extreme N.W. Corner brick monument on N.E. Corner Mocking Bird Lane & Rock Road.
BM=169.41 - City Sid. 47'S. & 53.5' W. of intersection of E's Rock Road & Dauligs.

