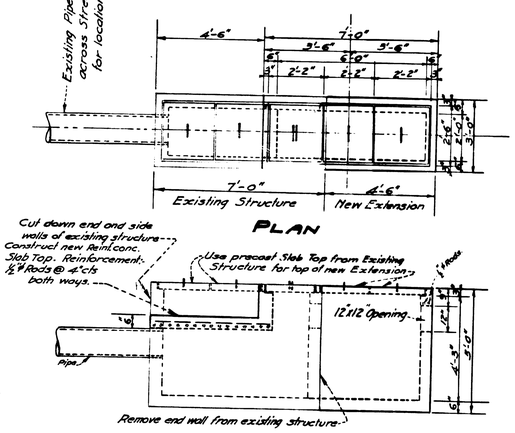
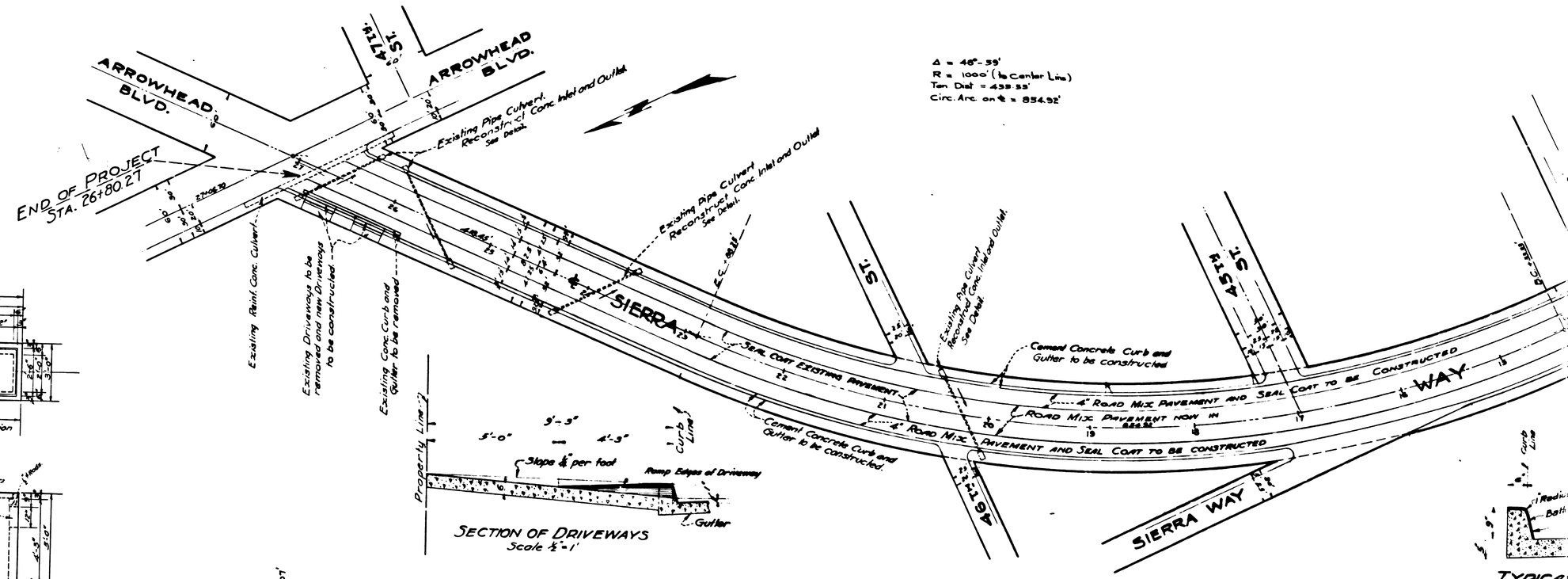
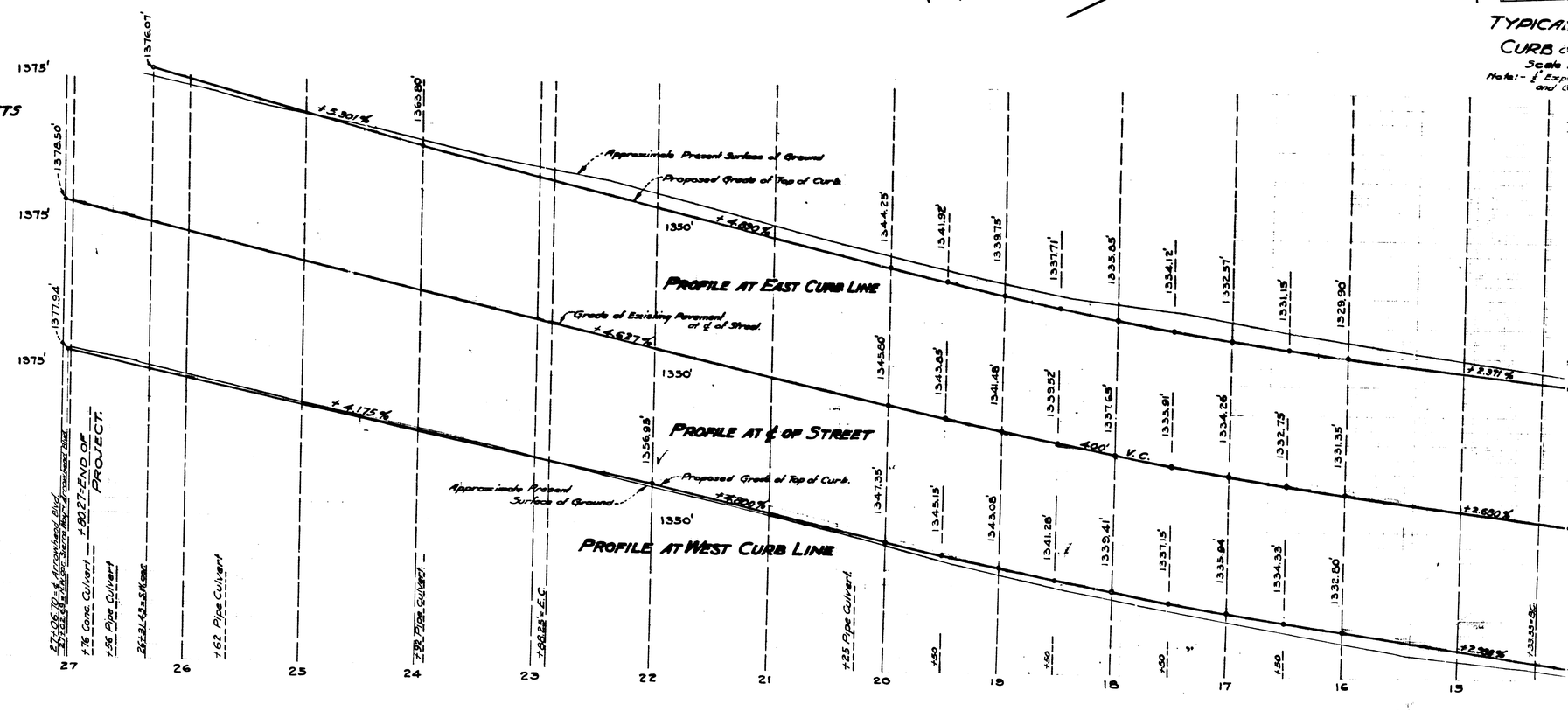

Existing Pipe Culvert (Irrigation pipe) across Street. See general plan for location.
4'-6"
7'-0"
3'-6"
3'-6"
2'-2"
2'-2"
2'-2"
7'-0"
4'-6"
Existing Structure
New Extension
PLAN
Cut down end and side walls of existing structure. Construct new Reinf. conc. Slab Top. Reinforcement. ½"ϕ Rods @ 4"c.c. both ways.
Use precast Slab Top from Existing Structure for top of new Extension.
12"x12" Opening
Pipe
Remove end wall from existing structure.
SIDE ELEVATION
SHOWING REINFORCEMENT IN TOP SLAB
DETAIL OF EXTENSION TO CULVERT INLETS AND OUTLETS
SCALE ⅜"=1'


ARROWHEAD BLVD.
ARROWHEAD BLVD.
47TH ST.
END OF PROJECT
STA. 26+80.27
Existing Pipe Culvert. Reconstruct Conc. Inlet and Outlet. See Detail.
Existing Pipe Culvert. Reconstruct Conc. Inlet and Outlet. See Detail.
Existing Pipe Culvert. Reconstruct Conc. Inlet and Outlet. See Detail.
Existing Reinf. Conc. Culvert
Existing Driveways to be removed and new Driveways to be constructed
Existing Conc. Curb and Gutter to be removed
SIERRA WAY
Seal Coat Existing Pavement
Cement Concrete Curb and Gutter to be constructed
4" Road Mix Pavement and Seal Coat to be Constructed
Road Mix Pavement now in place
4" Road Mix Pavement and Seal Coat to be Constructed
Cement Concrete Curb and Gutter to be constructed.
46TH ST.
47TH ST.
SIERRA WAY
Δ = 46°-39'
R = 1000' (to Center Line)
Tan Dist = 439.55'
Circ. Arc. on ℄ = 854.92'
Property Line
5'-0"
9'-9"
4'-9"
Slope ¼" per foot
Ramp Edges of Driveway
Curb Line
Gutter
SECTION OF DRIVEWAYS
Scale ½"=1'
TYPICAL CURB
Scale
Note:- ½" Exp. and C.


1375'
1376.07'
1378.50'
1377.94'
+3.301%
+4.680%
+4.627%
+4.175%
+3.800%
Approximate Present Surface of Ground
Proposed Grade of Top of Curb
Grade of Existing Pavement at ℄ of Street
Approximate Present Surface of Ground
Proposed Grade of Top of Curb
PROFILE AT EAST CURB LINE
PROFILE AT ℄ OF STREET
PROFILE AT WEST CURB LINE
400' V.C.
+3.371%
+2.690%
+2.398%
+33.33=BC
1350'
1350'
1350'
1363.80'
1356.95'
1344.25'
1341.98'
1339.75'
1337.71'
1335.65'
1334.12'
1332.57'
1331.15'
1329.90'
1345.60'
1343.65'
1341.48'
1339.92'
1337.65'
1335.91'
1334.26'
1332.73'
1331.35'
1347.35'
1345.15'
1343.06'
1341.26'
1339.41'
1337.15'
1335.94'
1334.33'
1332.80'
+50
+50
+50
+50
+50
+25 Pipe Culvert
+62 Pipe Culvert
+76 Conc. Culvert = +80.27=END OF PROJECT.
+56 Pipe Culvert
+68.26'=E.C.
27
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