

Diagram illustrating the cross-section of a road profile, showing the following components and dimensions:

- Top Layer:** 2" Asphaltic Concrete Wearing Surface.
- Base Layer:** 6" Bituminous Base paved in two lifts.
- Subgrade:** 6" Subgrade treated as per City Specifications.
- Dimensions:**
 - Left Slope:** Slope $\frac{3}{8}$ " Per Foot.
 - Right Slope:** Slope $\frac{3}{8}$ " Per Foot.
 - Radius:** 12" Radius.
 - Lengths:** 13'-0" (Total length of the base and subgrade), 13'-0" (Length of the base layer), and 2'-6" (Length of the subgrade layer).
 - Other Dimensions:** 6" (Width of the base layer at the left edge), 1'-0" (Width of the subgrade at the right edge), and 2'-6" (Width of the subgrade at the right edge).

31 ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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 SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

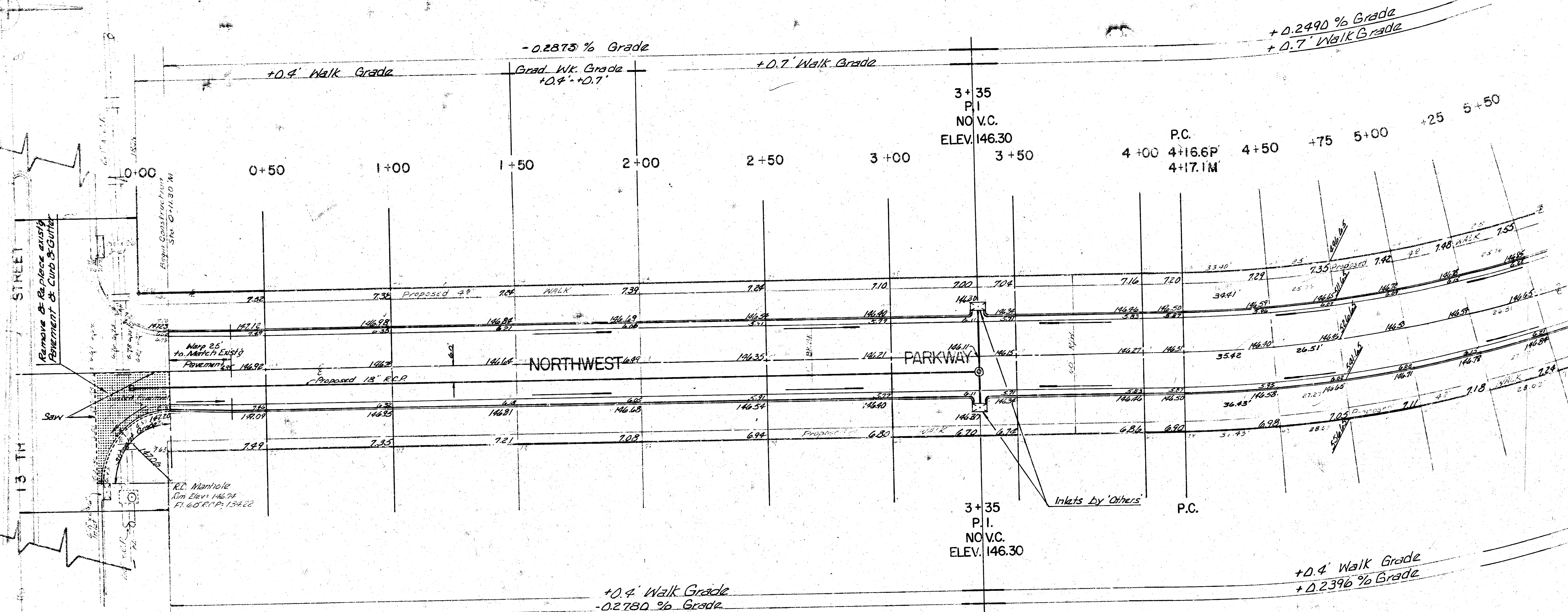
The A.C. pavement between the Comb. Curb & Gutter shall be paid as Sq. Yds. 8" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq. Yds. 3" Bituminous Base.

A technical drawing of a stepped shaft. The shaft has two main sections. The left section has a diameter of 2 inches and a length of 12 inches. The right section has a diameter of 3 inches and a length of 13 inches. The total length of the shaft is 25 inches. The drawing shows the shaft in profile with dimension lines and arrows indicating the measurements.

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B-M

B.M. 137.18 - WEST END OF RETURN, NW CORNER OF 13TH ST. & NORTHWEST PKWY.
 B.M. 150.27 - WEST END OF RETURN, NW CORNER OF MORGANTOWN & NANTUCKET
 BASE LINE - WEST PROJ. LINE / NORTHWEST PKWY.



$\Delta = 27^{\circ}10' R = 446.65' T = 120.00' L = 235.49' L.C. = 233.29'$

CURVE DATA BASED ON HORIZ. P.C. RAD. $\Delta = 13^{\circ}34'$					
STA	ARC	CHORD LENGTH	CHORD LCB	DEFLECTION	TOTAL DEFLECTION
4+16.6				0°00'00"	0°00'00"
5+00	33.90'	33.86'	36.46'	1°55'36"	1°55'36"
5+25	25.00'	25.35'	27.66'	1°26'31"	3°22'07"
5+50				4°48'34"	
5+25				6°15'10"	
5+00				7°41'41"	
5+25				9°08'13"	
5+50				10°34'44"	
5+25				12°01'15"	
6+00	27.09'	27.97'	29.98'	1°33'47"	13°35'00"

EXCAVATION
 +10 %
 TOTAL

COMPACTED FILL
 +10 %
 TOTAL

CITY
 8560 C.Y.
 856
 941.6 C.Y.

0.9 C.Y.
 0.1
 0.7 C.Y.

EARTHWORK

PROPERTY
 3593.7 C.Y.
 359.4
 3953.1 C.Y.

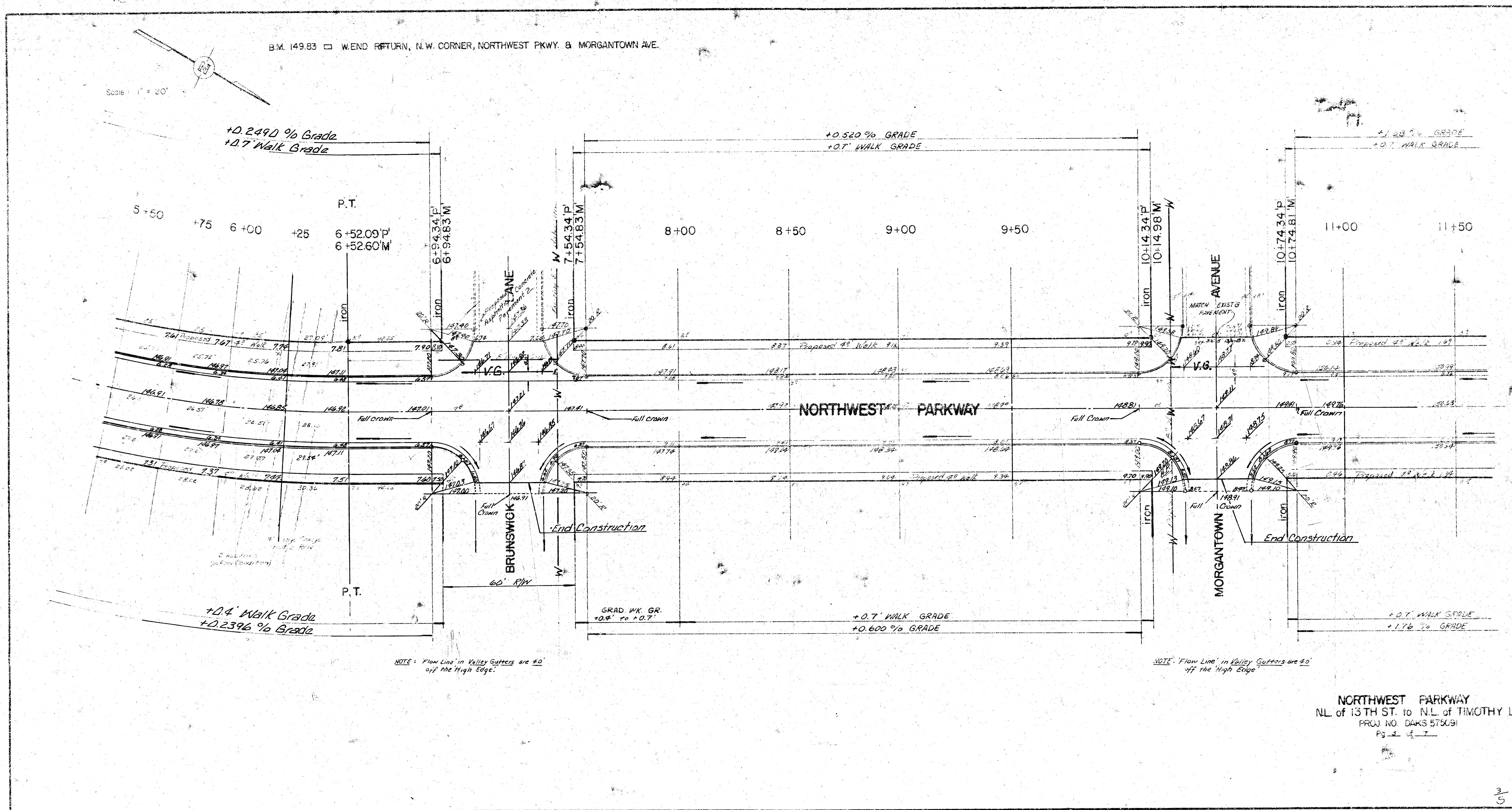
28.6 C.Y.
 2.9 C.Y.
 31.5

NOTE:
 'Paving Contractor' to Coordinate
 work w/ 'Sewer Contractor'

NORTHWEST PARKWAY
 N.L. 13 TH ST. to the N.L. of TIMOTHY LN.
 PROJ. NO. DAKS 575091
 Pg. 2 of 7

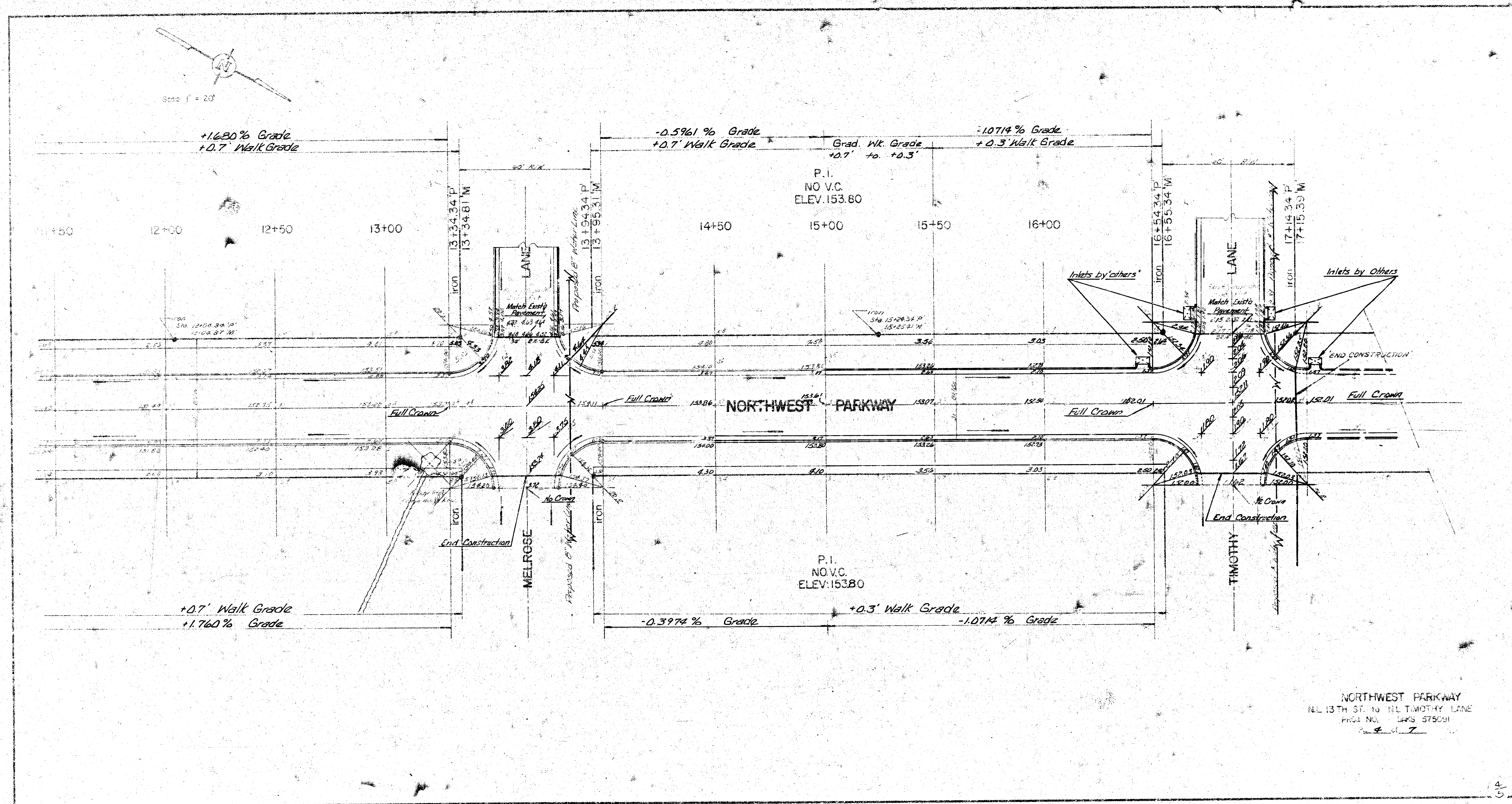
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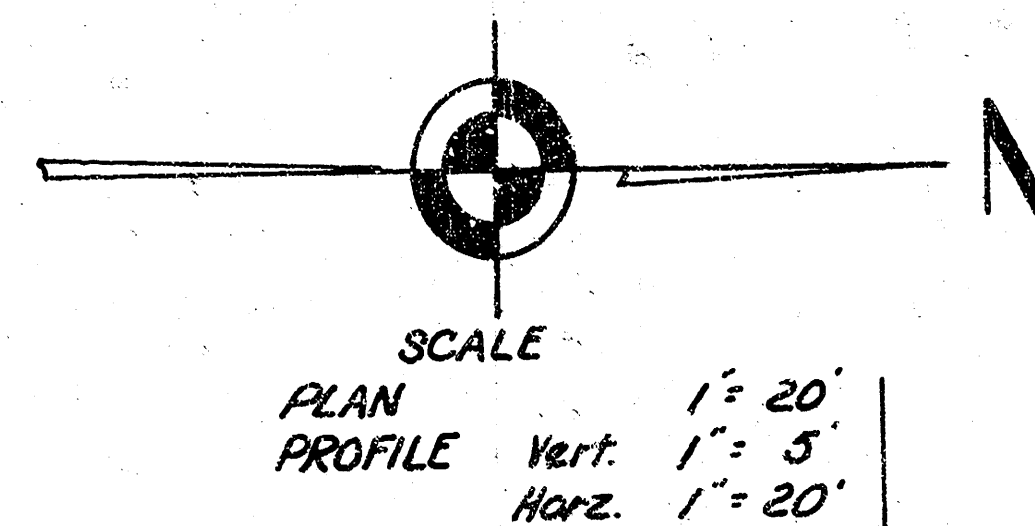


NORTHWEST PARKWAY
 NL 13TH ST. TO NL TIMOTHY LANE
 PROJ. NO. DARS 575091
 Plan 4 of 7

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B-M

B.M. 142.18 - 15' Top of Curb. W. end of Return N.W. Corner of 13 TH ST. & Northwest Parkway



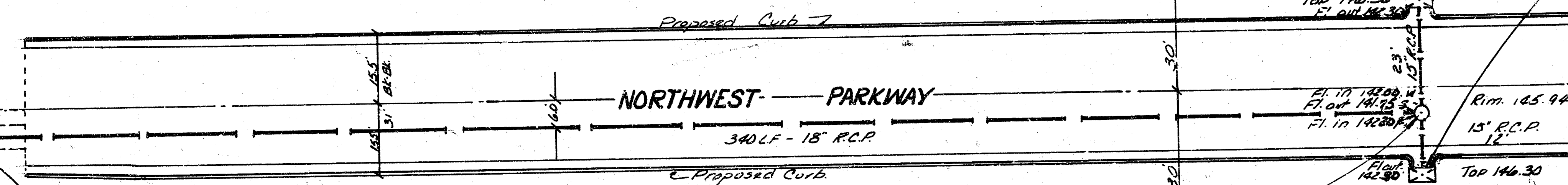
CAUTION
UNDERGROUND
UTILITIES
Please check with K.G. & E. or
Southwestern Bell
Telephone Co. for Location

Sta. 0+00
"Iron" N.W. Corner
13 TH ST. & NW. PKWY

Sta. 3+40 = "Sta 3+35" on Paving Plans
Const. Std. TYPE 1-A Inlets (set back
location) Rim Elev. = 142.30, Flow out =
142.30

NOTE:
Tapping into 60" R.C.P. shall
be 'subsidiary' to other items
of work.

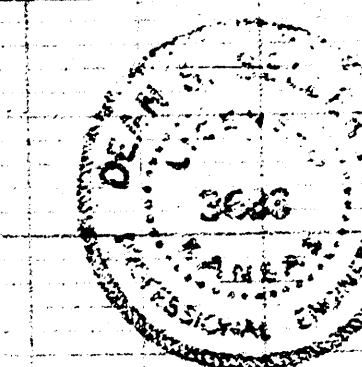
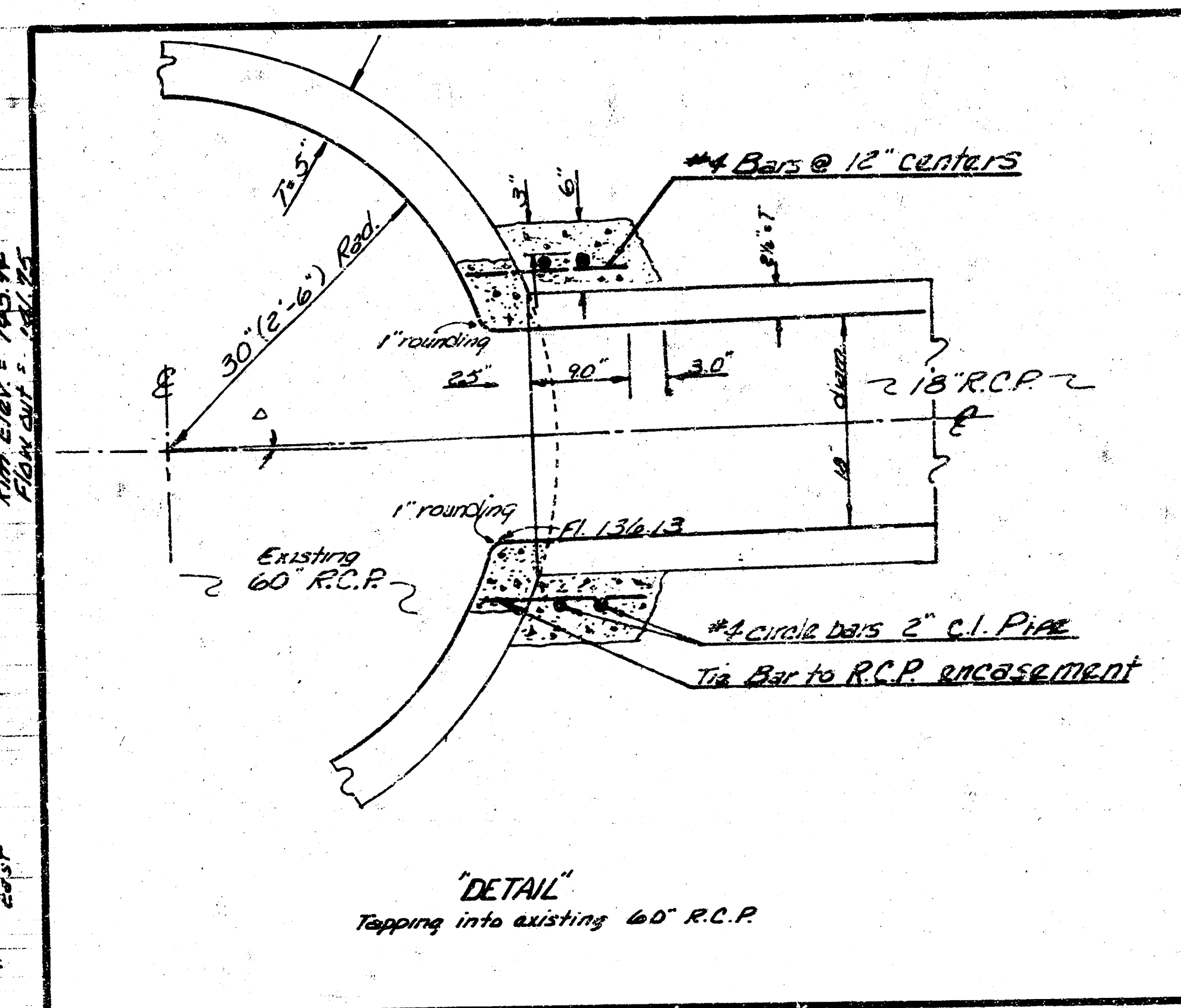
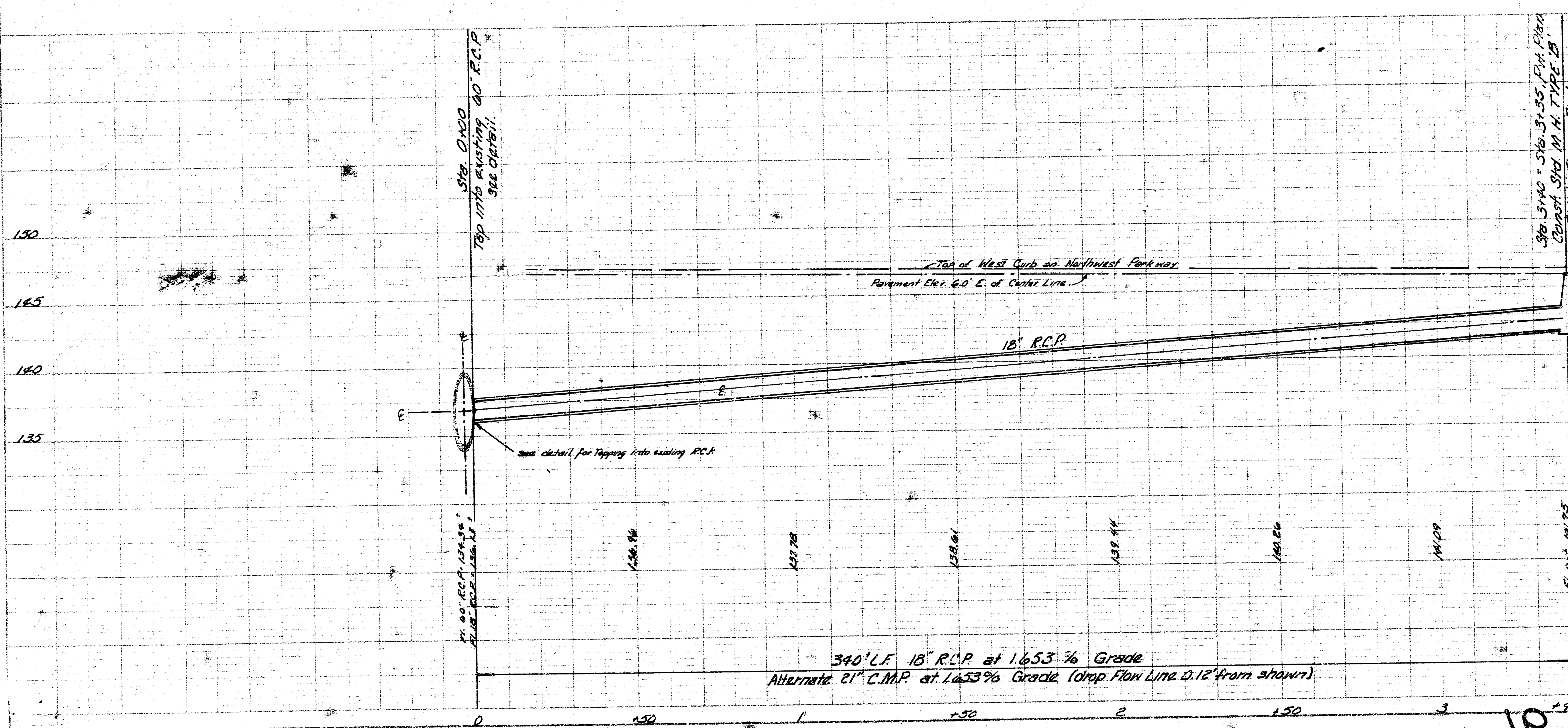
Put replacement
by P.W. Contractor



Sta. 0+00
Tap into existing 60" R.C.P.
Flow in = 136.13', see
details on Tapping

Sta. 3+40 = "Sta 3+35" on Paving Plans
Const. Std. M.H. TYPE 'B', with
"Wide Flange Ring". Rim Elev. = 145.94
Flow out = 141.75 - (M.H. 6' D. E. of E.)

NOTE:
Contractor to Coordinate 'Drainage Project'
w/ Project for Paving N.W. Parkway.



INCIDENTAL DRAINAGE
(in connection with Paving of Northwest Parkway)
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
DATE: MAY 1976 PROJ. NO. DAKO 575291