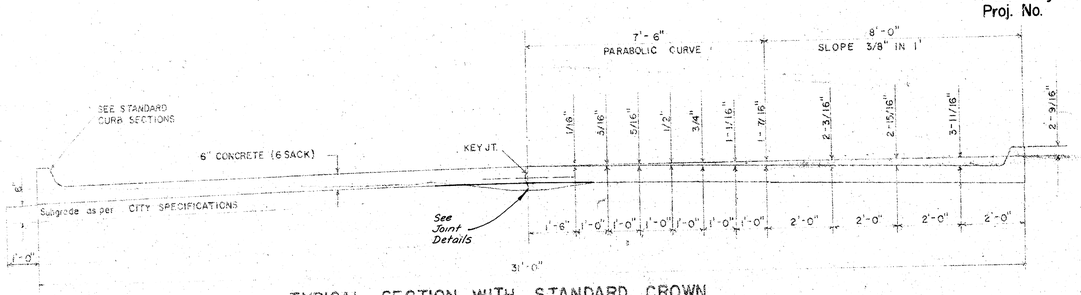
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT

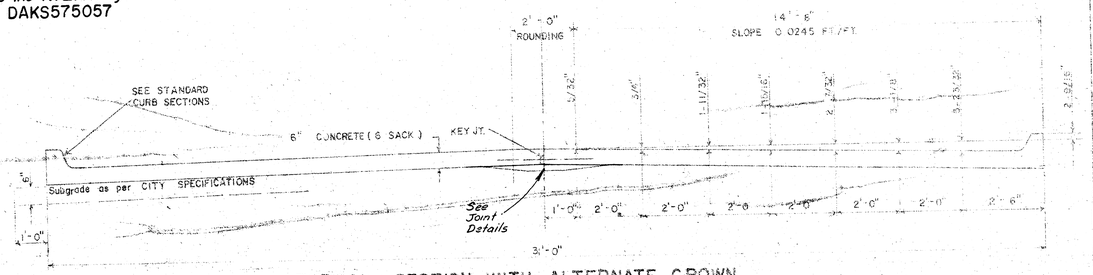
DOREEN, BOSTON, & LONGFELLOW

N. L. Harry to the N. L. Harry

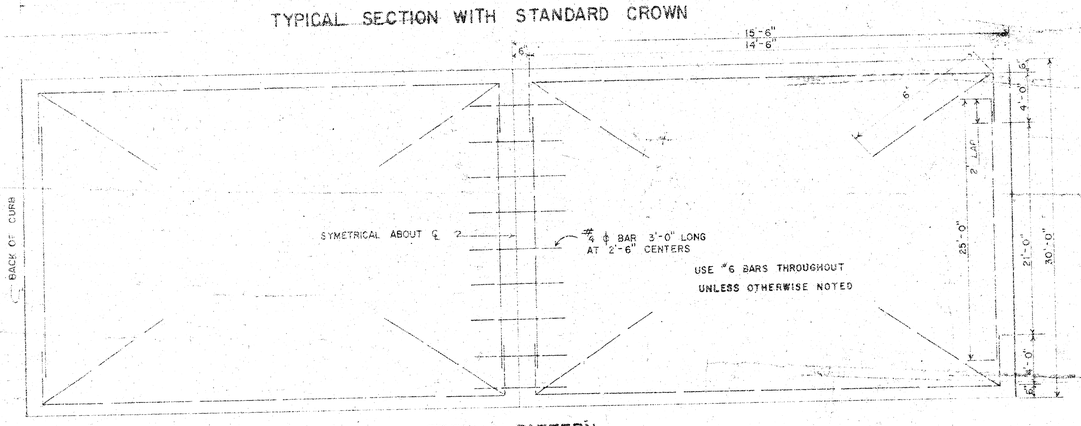
Proj. No. DAKS575057



TYPICAL SECTION WITH STANDARD CROWN



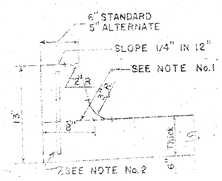
TYPICAL SECTION WITH ALTERNATE CROWN



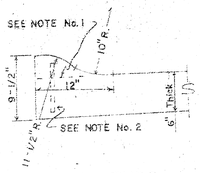
STEEL PATTERN

STEEL PATTERN

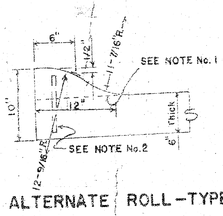
STANDARD SECTIONS OF



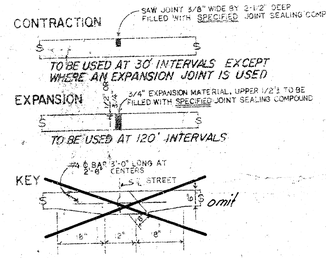
INTEGRAL CURB



ROLL-TYPE



ALTERNATE ROLL-TYPE



JOINT DETAILS

GENERAL NOTES

1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.

2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

1/10

CITY OF WICHITA, KANSAS

Department of Public Works — Engineering Division

R.W. Linn — City Engineer

Date May 1976 — Project No. DAKS575057

1/5

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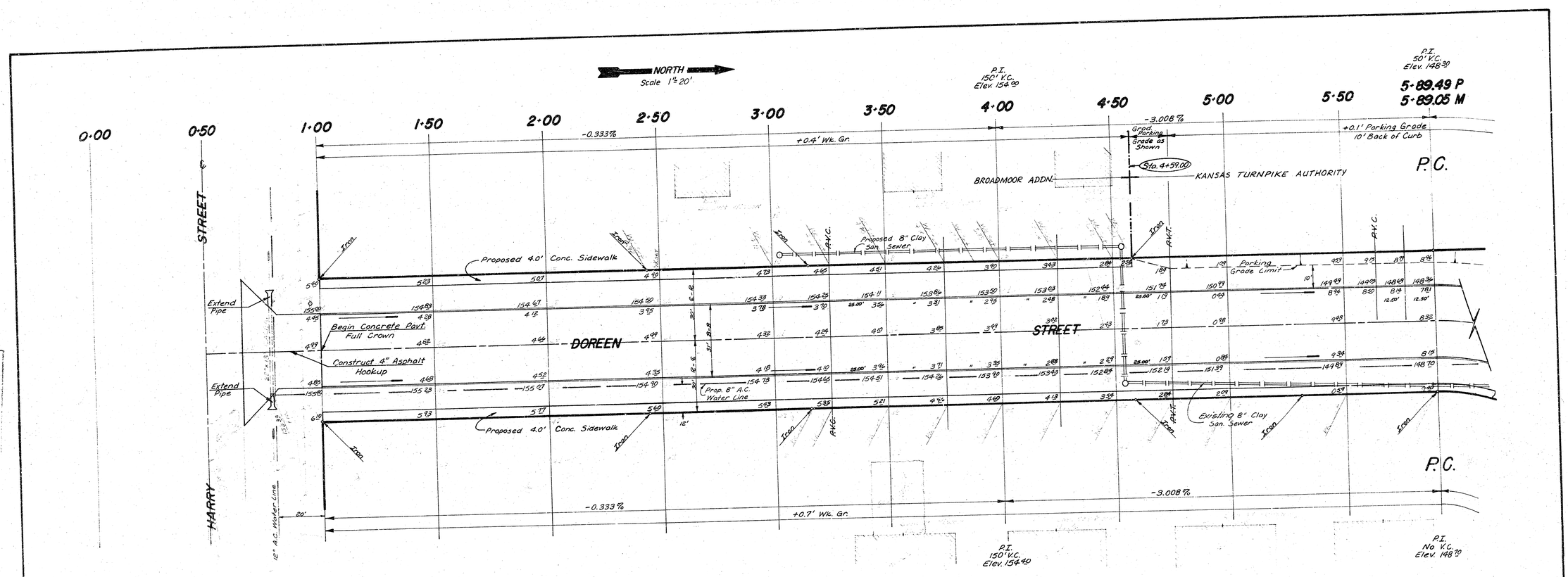

B.M. = 156.77 —— R.R. Spike N.E. Face P.P. @ N.E. Cor. Doreen & Harry
B.M. = 142.09 —— "□" Cut on Conc. Floor @ Center Door #28 of Storage Bldg. @ N.E. Cor. Boston & Longfellow

℄ is ℄ Doreen & Boston

Note to Contractor:
Contact K.G.&E. and Bell Telephone Co. for Locations of Underground Utilities.

EARTHWORK

PROPERTY:	
Excavation	3122.1 C.Y.
+10%	312.2 C.Y.
Total	3434.3 C.Y.
Compacted Fill	348.0 C.Y.
+10%	34.8 C.Y.
Total	382.8 C.Y.
CITY:	
Excavation	68.5 C.Y.
+10%	6.9 C.Y.
Total	75.4 C.Y.
Compacted Fill	354.8 C.Y.
+10%	35.5 C.Y.
Total	390.3 C.Y.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and door right-of-way for proposed sidewalk. Compact fill in sidewalk area. [illegible]

Manipulation = 5367.5 S.Y.

2/10

DOREEN ST., BOSTON AVE., LONGFELLOW LN.
N.L. Harry St. to the N.L. Harry St.
(31' B-B 6" Conc. Pavt. w/ Int. Curb)
CITY of WICHITA, KANSAS
R.W. Linn —— City Engineer
Proj. No. —— DAKS 575057
Date May 76

2/5

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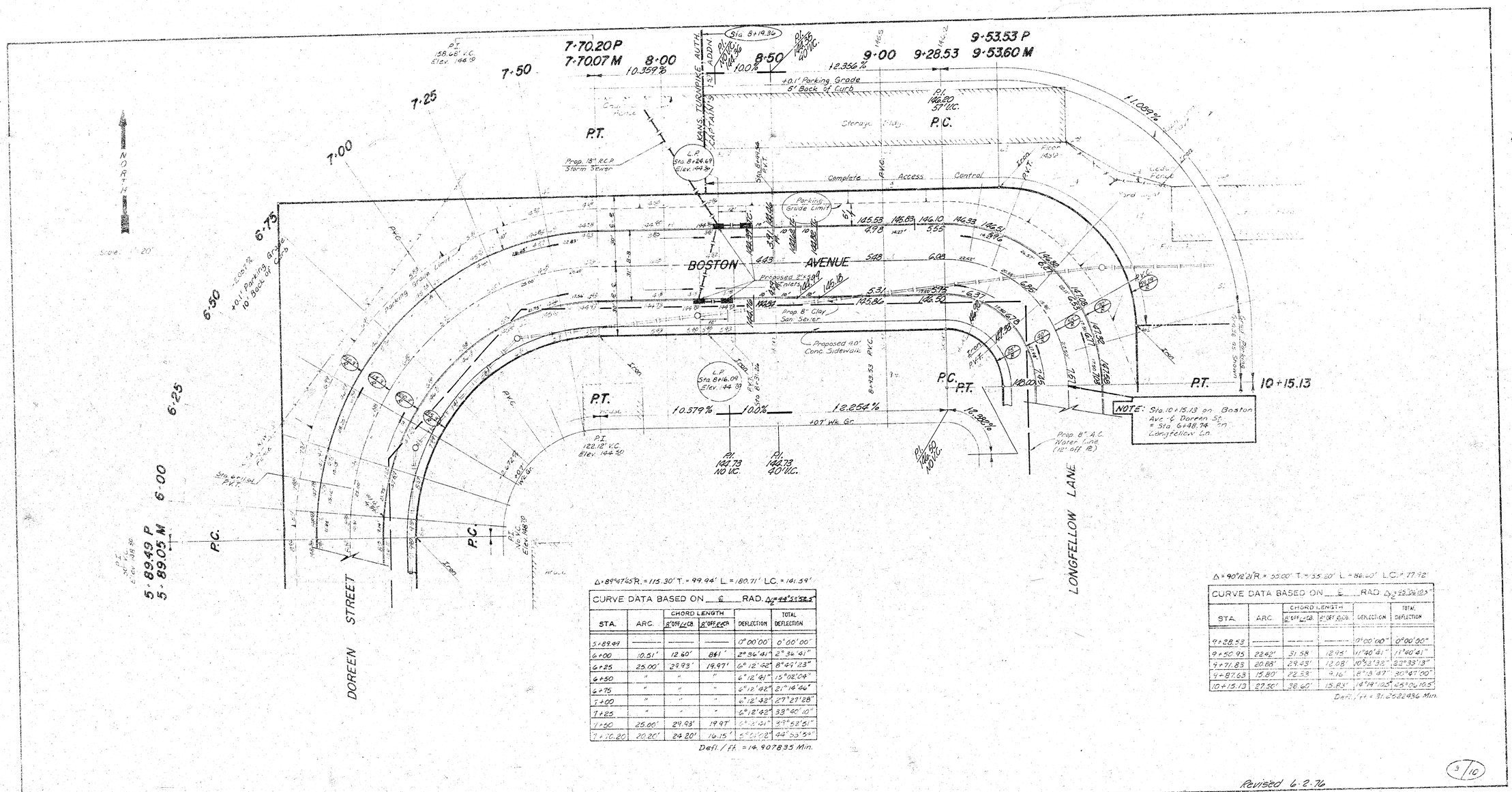

Δ = 89°47'45" R. = 115.30' T. = 99.94' L. = 180.71' LC. = 141.59'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 44°53'52.5"

STA.	ARC.	CHORD LENGTH 8'OFF ℄ CO.	CHORD LENGTH 2'OFF ℄ CO.	DEFLECTION	TOTAL DEFLECTION
5+89.49	———	———	———	0°00'00"	0°00'00"
6+00	10.51'	12.60'	8.41'	2°36'41"	2°36'41"
6+25	25.00'	29.93'	19.97'	6°12'32"	8°49'23"
6+50	"	"	"	6°12'41"	15°02'04"
6+75	"	"	"	6°12'42"	21°14'46"
7+00	"	"	"	6°12'42"	27°27'28"
7+25	"	"	"	6°12'42"	33°40'10"
7+50	25.00'	29.93'	19.97'	6°12'42"	39°52'51"
7+70.20	20.20'	24.20'	16.15'	5°00'02"	44°53'54"

Defl./ft. = 14.907835 Min.

Δ = 90°12'21" R. = 55.00' T. = 55.20' L. = 86.60' LC. = 77.92'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 45°06'10.5"

STA.	ARC.	CHORD LENGTH 8'OFF ℄ CO.	CHORD LENGTH 2'OFF ℄ CO.	DEFLECTION	TOTAL DEFLECTION
9+28.53	———	———	———	0°00'00"	0°00'00"
9+50.95	22.42'	31.58'	12.95'	11°40'41"	11°40'41"
9+71.83	20.88'	29.43'	12.08'	10°32'32"	22°33'13"
9+87.63	15.80'	22.53'	9.16'	8°13'47"	30°47'00"
10+15.13	27.50'	38.60'	15.83'	14°19'05"	45°06'10.5"

Defl./ft. = 31.252436 Min.

Revised 6-2-76

3/10

3/5

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B.M. = 156.77 R.R. Spike N.E. Face P.P. @ N.E. Cor. Doreen & Harry
B.M. = 162.11 "D" Cut on Conc. Floor @ Center Door #28 of Storage Bldg. @ N.E. Cor. Boston & Longfellow
℄ = ℄ Longfellow Ln.

NORTH
Scale 1"=20

BOSTON AVE.

HARRY STREET

LONGFELLOW LANE

0+50 1+00 1+50 2+00 2+50 3+00 3+50 4+00 4+50 5+00 5+50 6+00 6+46.74

P.I. 148.00 NO V.C.

6 736.74 P
6 736.87 E

P.C.

NOTE: Sta. of 6+46.74 on ℄ Longfellow Ln. = Sta. 10+15.13 on Boston Ave. ℄ Doreen St.

+0.900%

-2.667%

+0.7' Wk. Gr.

-1.911%

P.I. 200' V.C. Elev. 155.85

P.I. 151.80 100' V.C.

P.V.C.

P.V.T.

H.P. Sta. 2+50.46 Elev. 155.19

Proposed 6.0' Concrete Sidewalk

Prop. 8" A.C. Water Line

Begin Concrete Pvt. Full Crown

Construct 4" Asphalt Hookup

Extend Pipe

Asph. Conc. Parking Lot

Bldg.

Parking Area

H.P. Sta. 2+46.27 Elev. 154.11

+0.750%

+0.7' We. Gr.

-1.982%

+0.7' Wk. to +0.3' Wk.

P.I. 147.40 160' V.C.

P.I. 151.34 100' V.C.

P.I. 200' V.C. Elev. 155.30

Revised 6-2-76

7/16

1/5

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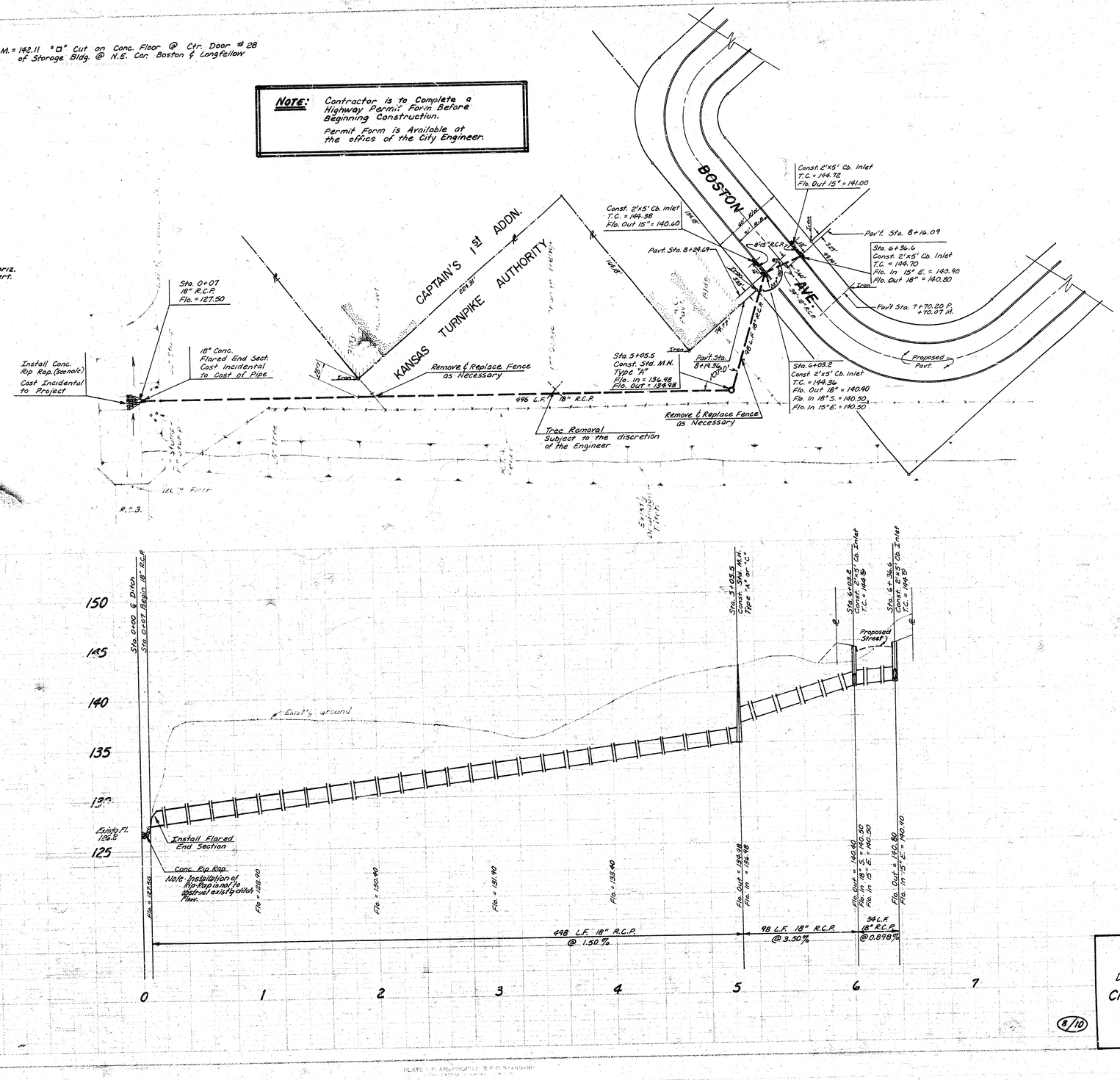
B.M. = 142.11 "□" Cut on Conc. Floor @ Ctr. Door # 28 of Storage Bldg. @ N.E. Cor. Boston & Longfellow

Note: Contractor is to Complete a Highway Permit Form Before Beginning Construction.
Permit Form is Available at the offices of the City Engineer.

N

SCALE:
PLAN: 1" = 40'
PROFILE: 1" = 40' Horiz.
1" = 5' Vert.



DRAINAGE
In Connection With Paving
DOREEN ST., BOSTON AVE. & LONGFELLOW LN.
CITY of WICHITA, KANSAS
R.W. Linn City Engineer
Proj. No. DAKD 575057
Date May 76

8/10

PLATE 1 PLAN-PROFILE B.P.R. STANDARD

5/5

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