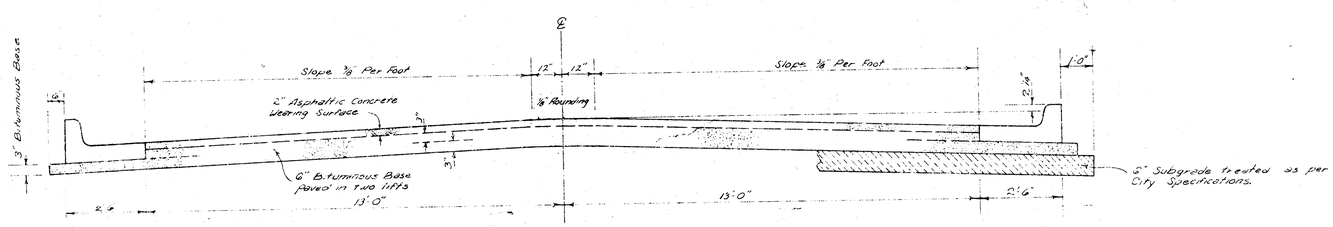
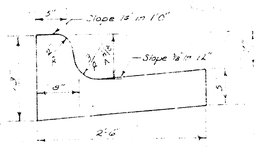
WASHINGTON AVE. & ACCESS ST.

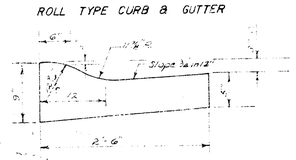
IDA AVE. - N. L. 47Th ST. S. TO S. L. LOT 3, BLK. 1 CEDARVALE ACRES
ROADWAY CONNECTION - W. L. IDA AVE. TO S. L. LOT 4, WASHINGTON SQUARE ADDITION
WASHINGTON AVE. - S. L. LOT 4, WASHINGTON SQUARE ADDITION TO S. L. 43Rd ST. S.



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

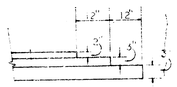
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC 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.

* NOTE CONSTRUCTION OF THIS PROJECT SHALL NOT BEGIN UNTIL THE CITY ENGINEER INDICATES TO THE CONTRACTOR THAT ALL NECESSARY RIGHT-OF-WAY HAS BEEN OBTAINED.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

R. BRENT WORTEN LICENSED 8771 PROFESSIONAL ENGINEER KANSAS

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

DEAN S. SELLERS ACTING CITY ENGINEER

DATE: _____ PROJ. NO. 472 76 245 80686000 000 001

1/23

B.M. 82.53 ~ City Std. 2' S. & 6' E. of N.E. Cor. Ida & 47th St. S.

Grade to drain N. Cost to be incidental to Proj.

℄ IS ℄ Pavement.

Note: Sta. 97+06.14 N. on Ida = Sta. 97+06.14 W. on Access St. & Washington.

99+52.86 PC
99+00
98+50
98+00
97+45.37
97+39.82

-0.1378 %
Match @ ℄

End Sta 97+31.42 E Ida

97+47.00 PT
97+30.07
97+06.14
96+80.94 PRC
96+58.92
96+36.91
96+14.89 PC
96+00
95+75
95+50
95+14.78
95+14.68

121+51.31

Proposed 4' Walk

ACCESS ST.

Proposed 4' Walk

I-235

R/W

96+89.12
96+81.43

Match @ ℄
-0.1640 %

-0.1921
+0.3 Vik. Cr.

97+32.55
97+30.27

P.I. 50' VC El = 83.50

95+75

Match @ ℄ See Special Section This Sheet

-3.0000 %

95+15.10
95+14.99

IDA ST.

Match @ ℄ See Special Section This Sheet

-2.9890 %

Scale: 1" = 20'

+0.3 Vik. Cr.
-0.3200 %

Const. 5" Asph. Wedge

Begin Sta. 95+14.83

Saw & Match

Grade to drain. Cost to be incidental to Proj.

47th ST. S.

Sta 94+65.89

CURVE DATA					
STA.		8' W	8' E		
PC 96+48.81	—	—	—	—	0°-00'-00"
96+36.91	22.02'	19.55'	24.46'	3°-03'-33"	3°-03'-33"
96+58.92	22.01'	19.55'	24.45'	3°-03'-28"	6°-07'-01"
PRC 96+80.94	22.02'	19.55'	24.46'	3°-03'-33"	9°-10'-34"
97+06.14	25.20'	—	22.38'	3°-30'-03"	3°-30'-03"
97+30.07	23.93'	—	21.25'	3°-19'-29"	6°-49'-32"

Δ 18°-21'-18" 20.21' 33.31 66.05 65.77 9°-10'-34"
17°-34'-05" 24.68 49.13 L.C. = 49.01 6°-49'-32"

℄

9.5' 5' 15.5' 15.5' 5' 9.5'

0.1' 0.1'

Slope to Match ℄ — 8" A.C. Pave — Slope to Match ℄

Special Section
Sta. 95+14.83 to Sta. 96+00
Scale 1"=10'

Note -

TREES TO BE TAKEN, AND ANY IRONS MOVED OR DESTROYED DUE TO CONSTRUCTION SHALL BE REPLACED.

TREES, SHRUBS, HEDGES, AND STUMPS IN THE RIGHT-OF-WAY AREA TO BE REMOVED ARE TO BE PAID AS "RIGHT-OF-WAY" CLEARING. ANY TREES WITHIN THE R/W DESIGNATED BY THE ENGINEER CAN BE SAVED SHALL BE SPARED.

PAVEMENT CONTRACTOR TO COORDINATE CONSTRUCTION WITH THE STORM SEWER AND SANITARY SEWER CONTRACTOR.

NO MORE THAN 17 - 20' DRIVES OR EQUIVALENT TO BE CONSTRUCTED ON THIS PROJECT.

PROPOSED WALK IS NOT TO BE CONSTRUCTED ON THIS JOB.

CONTRACTOR TO CONTACT PROPERTY OWNERS BEFORE DOING ANY WORK BEHIND THE RIGHT-OF-WAY LINE.

CONTRACTOR TO CONTACT UTILITY COMPANIES FOR ANY POSSIBLE UNDERGROUND LINES.

EARTHWORK

	PROPERTY		CITY	
	Excav.	Comp. Fill	Excav.	Comp Fill
X-Sections	2,611.6 C.Y.	64.5 C.Y.	2,470.2 C.Y.	10.8 C.Y.
10%	261.2 C.Y.	6.5 C.Y.	247.0 C.Y.	1.1 C.Y.
Totals	2,872.8 C.Y.	71.0 C.Y.	2,717.2 C.Y.	11.9 C.Y.

NO SUBGRADE TREATMENT OR MANIPULATION TO BE PERFORMED ON THIS PROJECT.

WASHINGTON AVE. & ACCESS ST.

N.L. 47th ST. S. TO S.L. 41st ST. S.

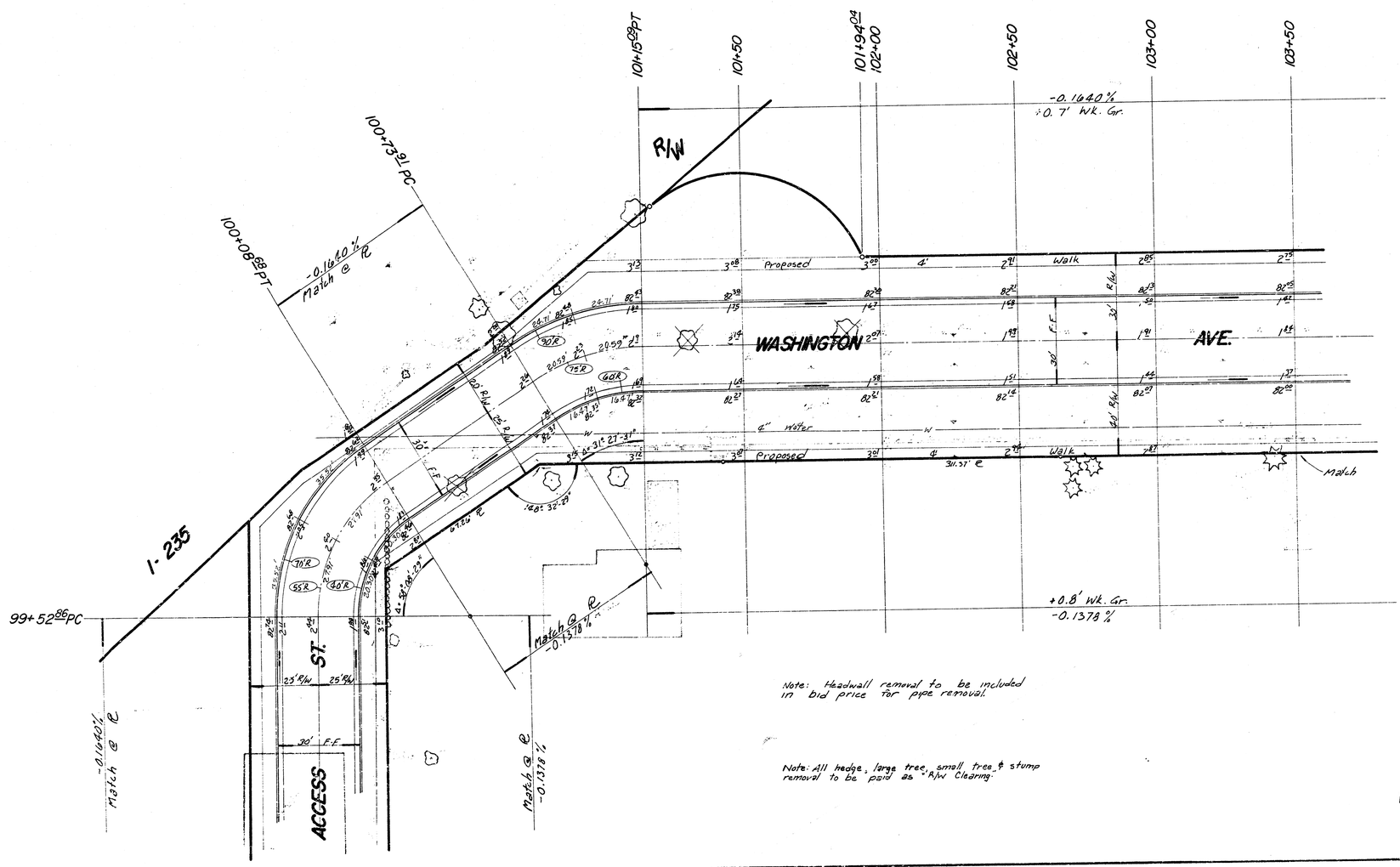
PROJ. NO. 472 76 245 80686000 000 001

2/13

B.M. 84.25 ~ N. W. Cor. Conc. Porch Ho. #4654 S. Washington.

℄ IS ℄ Pavement.

Scale:
1" = 20'



Note: Headwall removal to be included in bid price for pipe removal.

Note: All hedge, large tree, small tree & stump removal to be paid as "R/W Clearing."

WASHINGTON AVE. & ACCESS ST.
N. L. 47th ST. S. TO S. L. 43rd ST. S.
PROJ. NO. 472 76 245 806860000 000 001

3/13

B.M. 84.35 ~ S.W. Cor. Conc. Porch Ho. # 4630 S. Washington.

℄ 15 E Pavement

Scale: 1" = 20'

WASHINGTON AVE. & ACCESS ST.
N.L. 47th ST. S. TO S.L. 43rd ST. S.
PROJ. NO. 472 76 245 80686000 000 001

7/17

B. M. 83.74 - RR Spike W. Fc. Street Light Pole
N.E. Cor. 45th St. S. & Washington.

℄ IS ℄ Pavement

Scale:
1" = 20'

109+00 | 109+50 | 110+00 | 110+44.02 | 110+49 | 111+09 | 111+14.02 | 111+50 | 112+00 | 112+50 | 113+08.02 | 113+13 | 113+73 | 113+78.02 | 114+00 | 114+50

+0.3093 %
+0.4' Wk. Gr.

+0.5670%
+0.7' Wk.Gr.

-0.2577 %
+0.4' Wk. Gr.

+0.5' Wk. Gr.
+0.3047 %

+0.6' Wk. Gr.
+0.6541 %

+0.5' Wk. Gr.
-0.2766 %

30' R/W

WASHINGTON CT.
LOTS 18-26

WASHINGTON CT.
LOTS 27-36

WASHINGTON AVE.

45th ST. S.

Proposed 4' Walk

8" water

Match

Remove by "Others"

Saw & Match

Grade to match min. 20' Cast to be incidental to Proj.

P.I.
50' VC
El. = 85.80

WASHINGTON AVE. & ACCESS ST.
N. L. 47th ST. S. TO S. L. 43rd ST. S.
PROJ. NO. 472 76 245 80685000 000001

5/17

B. M. 86.08 ~ R.R. Spike W. Fc. Street Light Pole E. Side Washington 3' N. Of ℄ Washington Ct. Lots 27-36.

℄ IS ℄ Pavement.

Scale 1" = 20'

WASHINGTON CT. LOTS 37-48

WASHINGTON CT. LOTS 49-61

WASHINGTON AVE.

44th ST. S.

-0.2577 %
+0.4' Wk. Gr.

-0.3092 %
+0.3' Wk. Gr.

+0.2517 %
+0.3' Wk. Gr.

+0.5' Wk. Gr.
-0.2766 %

+0.5' Wk. Gr.
-0.2661 %

+0.5' Wk. Gr.
+0.2103 %

Match

Removed by "others"

End Full Crown

Begin Full Crown

Proposed Walk

8" Water

Grade to match. Cost to be incidental to Proj.

Const. 8" Valley Gutter (6" Conc. w/ 2" Bit.)

Grove Trees to remain (Seedling to be removed w/ Poison Ivy)

PI
No VG
El. = 84.40

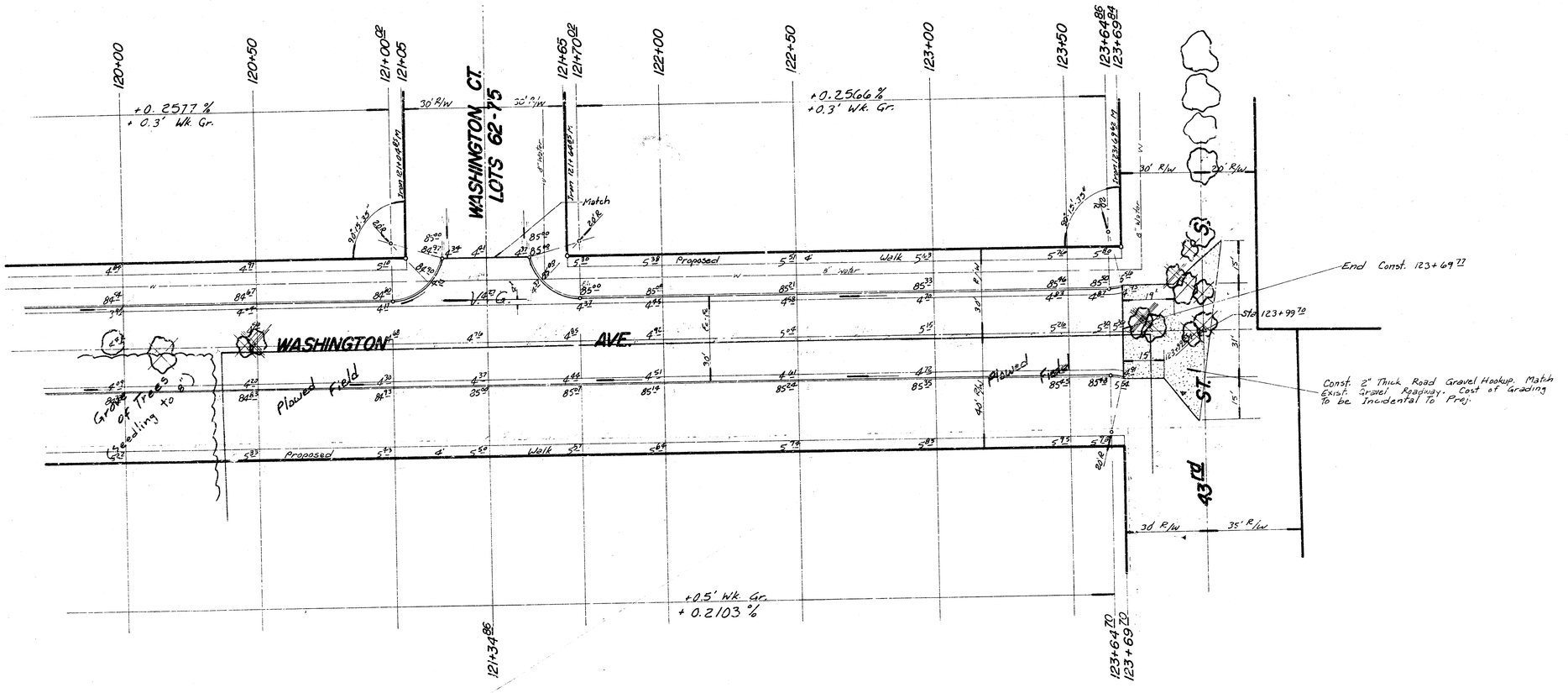
WASHINGTON AVE. & ACCESS ST.
N. L. 47th ST. S. TO S. L. 43rd ST. S.
PROJ. NO. 472 76 245 80686000 000 001

6/19

B. M. 85.50 ~ RR Spike S. Fc. Street Light Pole
N. E. Cor. 44th St. S. & Washington.

℄ IS ℄ Pavement.

Scale:
1" = 20'



WASHINGTON AVE & ACCESS ST.
N.L. 47th ST. S. TO S. L. 43rd ST. S.
PROJ. NO. 472 76 245 8068 6000 000 001

7/7