CITY OF WICHITA, KANSAS

STREET IMPROVEMENTS

(WEST MAPLE STREET)

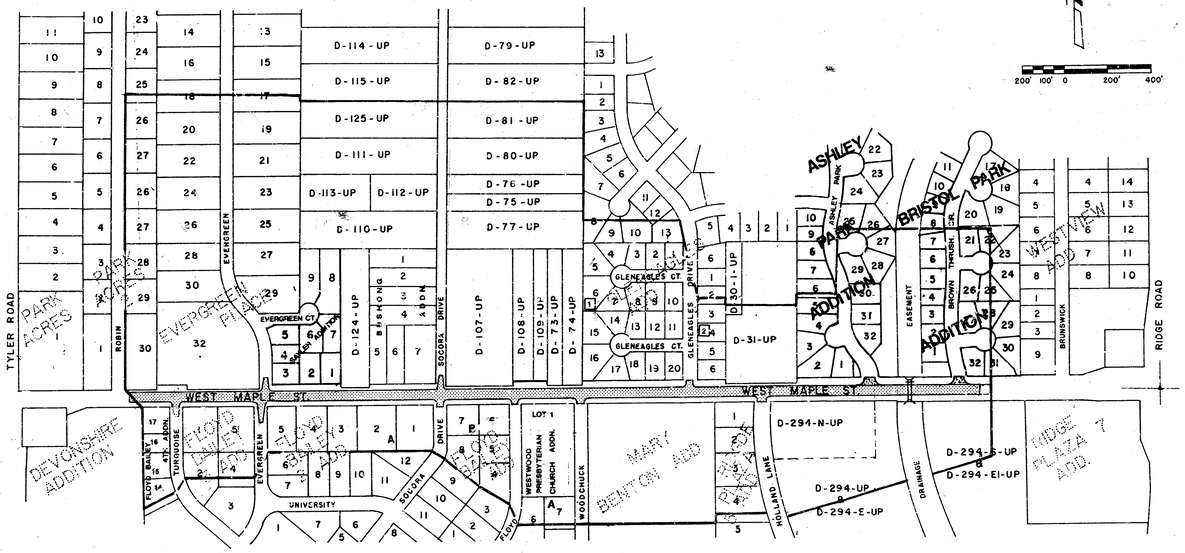
EAST LINE ROBIN ROAD TO 360' W. OF W.L. BRUNSWICK

MICHAEL E. LINDEBAK, CITY ENGINEER

PHASE II LANDSCAPING PLAN

PROJ. NO. 472-76-245-81638-000-000-001

INDEX NO. 705327



GENERAL NOTES

1. INFORMATION SHOWN ON PLANS NOT DIRECTLY RELATED TO THE TREE PLANTINGS IS NOT A PART OF THIS CONTRACT AND SHALL BE CONSIDERED AS DELETED.
2. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO A CONDITION ACCEPTABLE TO THE ENGINEER. THIS WORK SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
3. EXACT LOCATION FOR TREE PLANTINGS TO BE DETERMINED BY THE ENGINEER.
4. LANDSCAPE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL (INCLUDING SANITARY SEWERS). UTILITIES CAN BE FLAGGED BY CALLING 687-2470.
5. TREES SHALL BE ORNAMENTAL TYPE (SPRINGSNOW CRABAPPLE, HAWTHORNE, CHANTICLEER PEAR & GOLDEN RAINTREE) AND RANGE IN SIZE FROM 2-1/2" TO 3" TREES SHALL BE BALLED AND BAGGED.

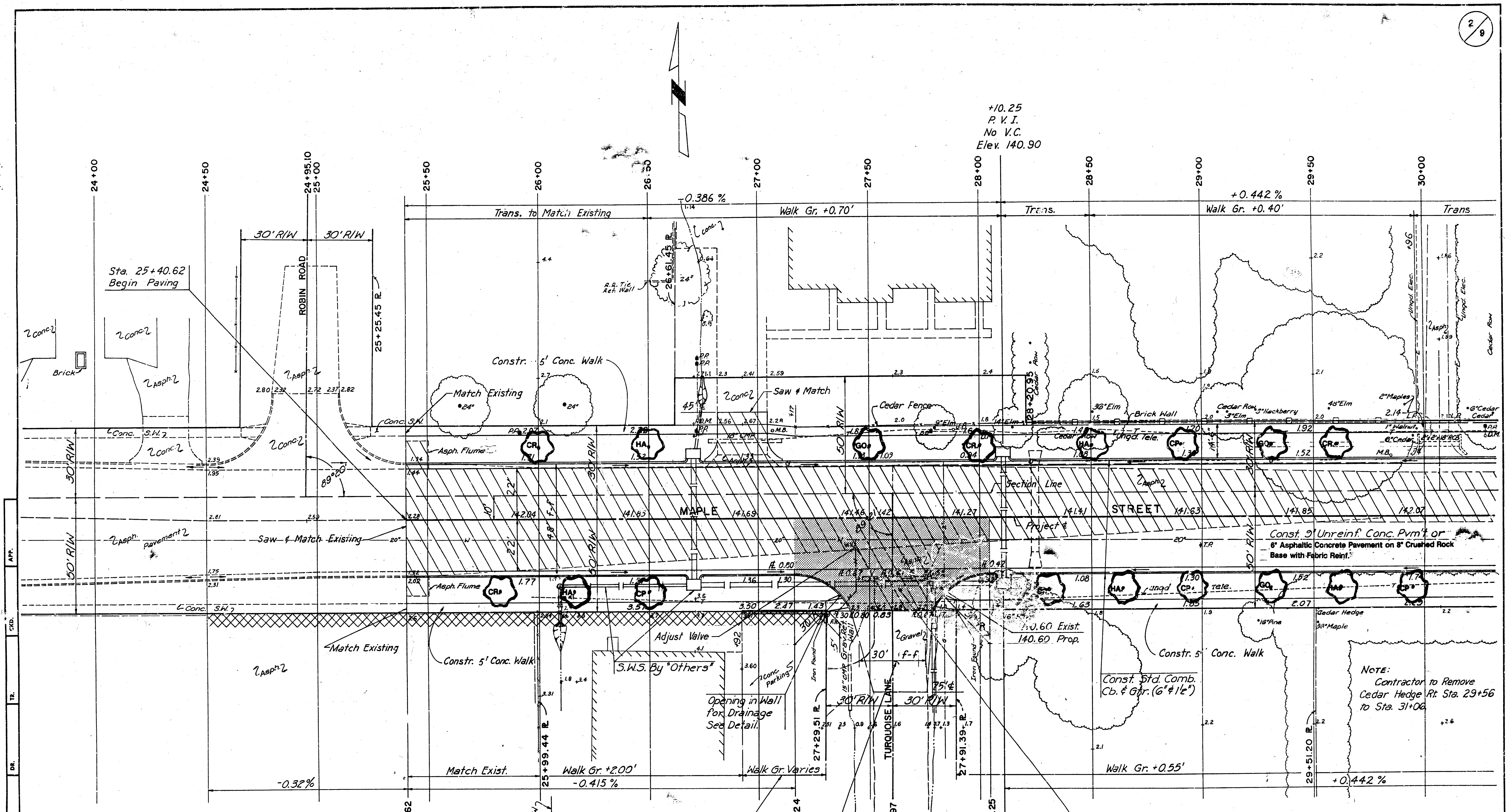
PLANS PREPARED BY

Booker/Freund
Engineers Architects Planners
WICHITA, KANSAS

STEVEN K. BACHENBERG
LICENSED
7017
PROFESSIONAL ENGINEER
Steven K. Bachenberg

INDEX

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2 - 8	PLAN (TREE LOCATIONS)
9.	TREE PLANTING SCHEDULE with DETAILS


+10.25
P.V.I.
No V.C.
Elev. 140.90
24+00
24+50
24+95.10
25+00
25+50
26+00
26+50
27+00
27+50
28+00
28+50
29+00
29+50
30+00
-0.386 %
+0.442 %
Trans. to Match Existing
Walk Gr. +0.70'
Trans.
Walk Gr. +0.40'
30' R/W
ROBIN ROAD
25+25.45 ℄
Sta. 25+40.62
Begin Paving
Constr. 5' Conc. Walk
Match Existing
Saw & Match
Cedar Fence
Brick Wall
MAPLE
STREET
Section Line
Project ℄
Saw & Match Existing
Const. 9" Unreinf. Conc. Pvm't or
6" Asphaltic Concrete Pavement on 8" Crushed Rock Base with Fabric Reinf.
Asph. Flume
Match Existing
Constr. 5' Conc. Walk
Adjust Valve
S.W.S. By "Others"
Opening in Wall for Drainage See Detail.
TURQUOISE LANE
30' R/W
27+29.51 ℄
27+91.39 ℄
29+51.20 ℄
25+99.44 ℄
Constr. 5' Conc. Walk
Const. Std. Comb. Cb. & Gtr. (6" & 1½")
NOTE:
Contractor to Remove Cedar Hedge Rt. Sta. 29+56 to Sta. 31+06.
Match Exist.
Walk Gr. +2.00'
-0.415 %
-0.32%
Walk Gr. Varies
Walk Gr. +0.55'
+0.442 %
25+40.62
27+14.24
27+59.97
28+04.25
+10.25
P.V.I.
No V.C.
Elev. 140.90

Construct Valley Gutter w/Monolithic Edge Curb (6")

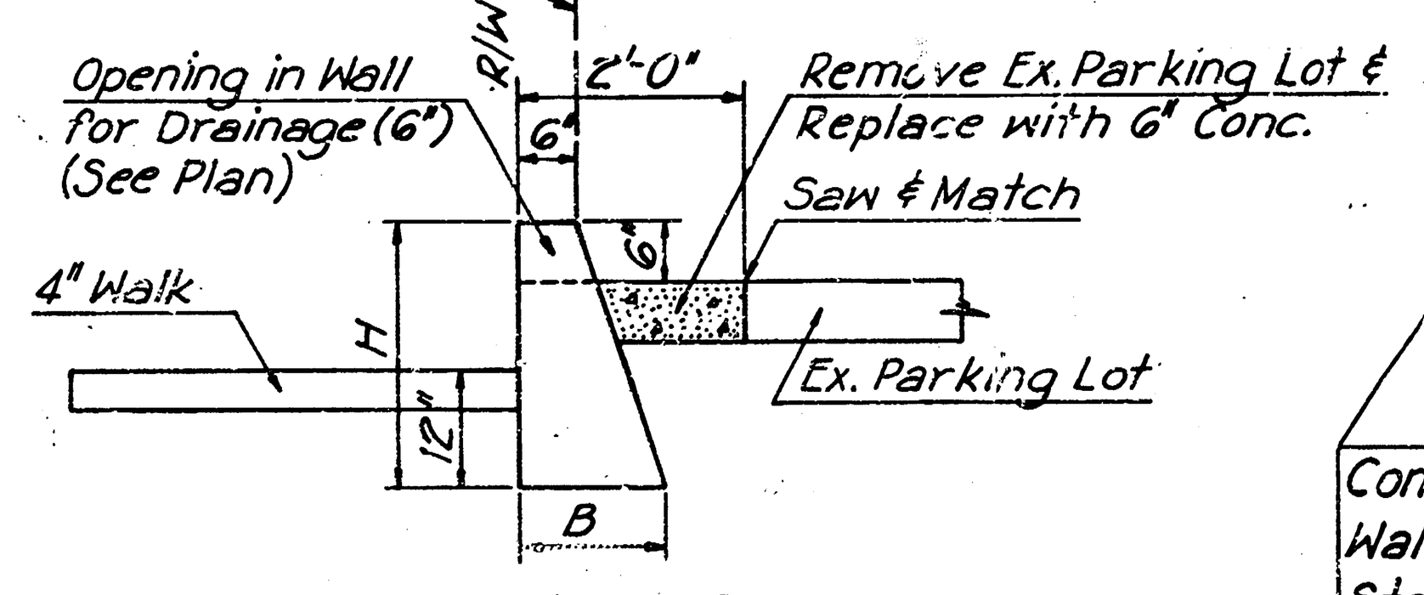
Grade to Match, Construction to be incidental.

Const. Gravity Type Retaining Wall at back of Walk, Sta. 26+92 to Sta. 27+29.51 See Detail.

LEGEND

- EXISTING PAVEMENT REMOVAL
- COMPLETE ACCESS CONTROL
- WHEELCHAIR RAMP
- o PROP. IRON FOUND

DIMENSIONS	
H	B
1'-0"	8"
1'-3"	9"
1'-6"	10"
1'-9"	11"
2'-0"	13"
2'-3"	15"
2'-6"	16"
2'-9"	17"



RETAINING WALL DETAIL
(Gravity Type)

B.M. #1 R.R. Spk. in pwr. pole
27' Lt. Sta. 25+26 El. 143.60.

B.M. #2 R.R. Spk. in pwr. pole
27' Lt. Sta. 25+91 El. 142.70

INTERSECTION QUANTITIES	TURQUOISE LANE	
CONC. ALT.	ASPH. ALT.	ITEM
336.3	—	S.Y. 9" Conc. Pavement
—	220.0	S.Y. 6" Asph. Conc. Pavement
64.6	64.6	L.F. Monolithic Edge Curb
340.9	340.9	S.Y. Manipulation or Rock Base
—	116.3	S.Y. 6" Reinf. Conc. Valley Gutter Pavement
—	460	LBS. Reinforcing Steel

CITY OF WICHITA

MAPLE STREET

PLAN I

CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

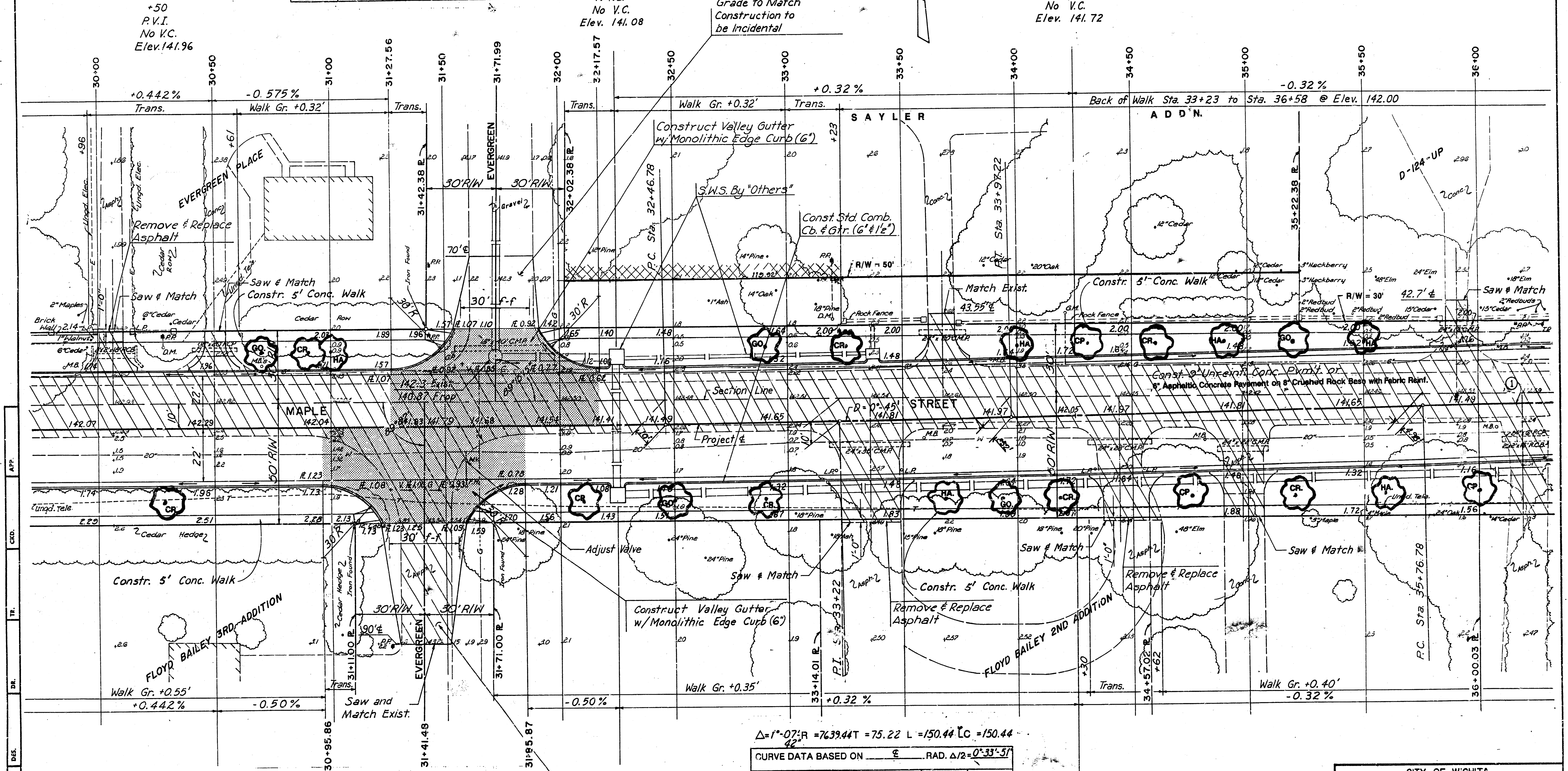
Booker/Freund
Engineers Architects Planners

SCALE 1" = 20' | DATE | DWG. NO.

SURV. | PLOT. | DES. | DR. | TR. | CKD. | APP.

CONC. ALT.	ASPH. ALT.	ITEM
336.3	—	S.Y. 9" CONC. PVMT.
—	220.0	S.Y. 6" Asph. Conc. Pavement
64.6	64.6	L.F. MONOLITHIC CURB
340.9	340.9	S.Y. Manipulation or Rock Base
—	116.3	S.Y. 6" Reinf. Conc. Valley Gutter Pvm't.
—	460	LBS. REINFORCING STEEL

INTERSECTION QUANTITIES EVERGREEN NORTH



+50 P.V.I. No V.C. Elev. 141.96

+25 P.V.I. No V.C. Elev. 141.08

Construct 6" Asphaltic Concrete Hookup (4" Bituminous Base)

+25 P.V.I. No V.C. Elev. 141.72

CONC. ALT.	ASPH. ALT.	ITEM
336.3	—	S.Y. 9" CONC. PVMT.
—	220.0	S.Y. 6" Asph. Conc. Pavement
64.6	64.6	L.F. MONOLITHIC CURB
340.9	340.9	S.Y. Manipulation or Rock Base
—	116.3	S.Y. 6" Reinf. Conc. Valley Gutter Pvm't.
—	460	LBS. REINFORCING STEEL

INTERSECTION QUANTITIES EVERGREEN SOUTH

B.M. #3 R.R. Spk. in pwr. pole 57 Lt. Sta. 31.+43 El. 143.65

Δ=1°-07'-42" R =7639.44 T =75.22 L =150.44 LC =150.44

CURVE DATA BASED ON ℄ RAD. Δ/2=0°-33'-51"

STA.	ARC.	CHORD LENGTH 8' OFF Lt. CB	CHORD LENGTH 8' OFF Rt. CB	DEFLECTION	TOTAL DEFLECTION
32+46.78	—	—	—	0°-00"	0°-00"
32+50	3.22	3.21	3.23	0°-00'-43"	0°-00'-43"
32+75	25.00	24.89	25.10	0°-05'-38"	0°-06'-21"
33+00	25.00	24.89	25.10	0°-05'-38"	0°-11'-58"
33+25	25.00	24.89	25.10	0°-05'-38"	0°-17'-36"
33+50	25.00	24.89	25.10	0°-05'-38"	0°-23'-13"
33+75	25.00	24.89	25.10	0°-05'-38"	0°-28'-51"
33+97.22	22.22	22.13	22.31	0°-05'-00"	0°-33'-51"

DEF./FT. = 0.23 MIN.

CITY OF WICHITA

MAPLE STREET

PLAN II

CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

Booker/Freund Engineers Architects Planners

SCALE 1" = 20' DATE DWG. NO.

SURV. PLOT. DES. DR. TR. CKD. APP.

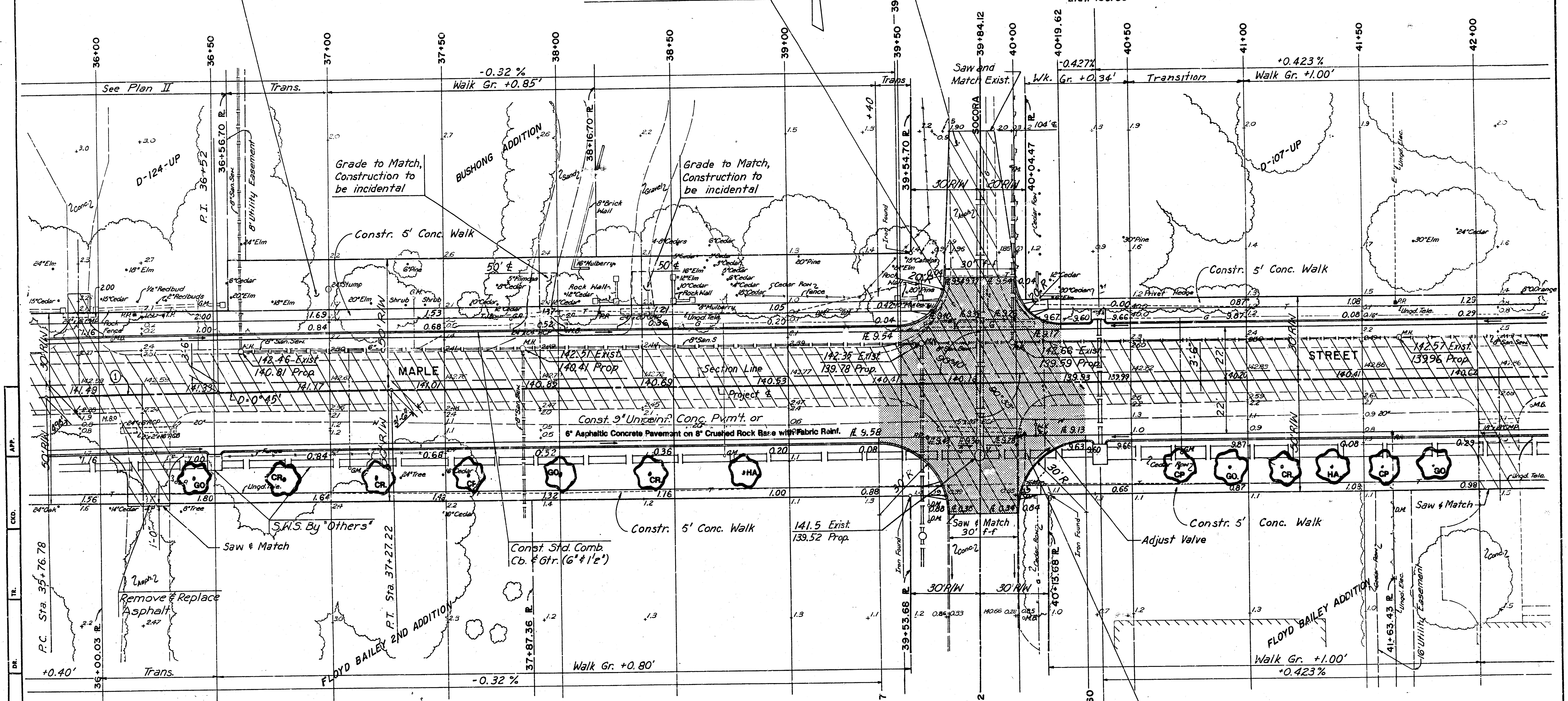
NOTE: There is to be no construction within an area lying north of the proposed sidewalk from Sta. 36+56 to Sta. 39+54, except as required for entrance driveways.

Construct Valley Gutter w/Monolithic Edge Curb (6")

Construct 6" Asphaltic Concrete Hookup (4" Bituminous Base)

+36
P.V.I.
No V.C.
Elev. 139.60

INTERSECTION QUANTITIES		SOCORA NORTH
CONC. ALT.	ASPH. ALT.	ITEM
276.0	——	S.Y. 9" CONC. PVMT.
——	171.2	S.Y. 6" Asphaltic Concrete Pavement
62.8	62.8	L.F. MONOLITHIC CURB
280.5	280.5	S.Y. Manipulation or Rock Base
——	104.8	S.Y. 6" Reinf. Conc. Valley Gutter Pavement
——	414	LBS. REINFORCING STEEL



Construct Valley Gutter w/ Monolithic Edge Curb (6")

+36
P.V.I.
No V.C.
Elev. 139.60

Δ=1°07'-42" R =7639.44 T = 75.22 L =150.44 LC =150.44

CURVE DATA BASED ON ℄ RAD. Δ/2 = 0°-33'-51"					
STA.	ARC.	CHORD LENGTH 8' OFF Lt CB	CHORD LENGTH 8' OFF Rt CB	DEFLECTION	TOTAL DEFLECTION
35+76.78	——	——	——	0°-00'	0°-00"
36+00	23.22	23.32	23.12	0°-05'-13"	0°-05'-13"
36+25	25.00	25.10	24.90	0°-05'-38"	0°-10'-51"
36+50	25.00	25.10	24.90	0°-05'-38"	0°-16'-28"
36+75	25.00	25.10	24.90	0°-05'-38"	0°-22'-06"
37+00	25.00	25.10	24.90	0°-05'-38"	0°-27'-43"
37+25	25.00	25.10	24.90	0°-05'-38"	0°-33'-21"
37+27.22	2.22	2.23	2.21	0°-00'-30"	0°-33'-51"

DEF./FT. = 0.23 MIN.

INTERSECTION QUANTITIES		SOCORA SOUTH
CONC. ALT.	ASPH. ALT.	ITEM
388.1	——	S.Y. 9" CONC. PVMT.
——	220.0	S.Y. 6" Asphaltic Concrete Pavement
94.2	94.2	L.F. MONOLITHIC CURB
394.9	394.9	S.Y. Manipulation or Rock Base
——	168.1	S.Y. 6" Reinf. Conc. Valley Gutter Pvm't.
——	665	LBS. REINFORCING STEEL

B.M. #4 R.R. Spk. in pwr. pole 27 Lt. Sta. 39+62 El. 142.98

SURV. | PLOT. | DES. | DR. | TR. | CKD. | APP.

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CITY OF WICHITA

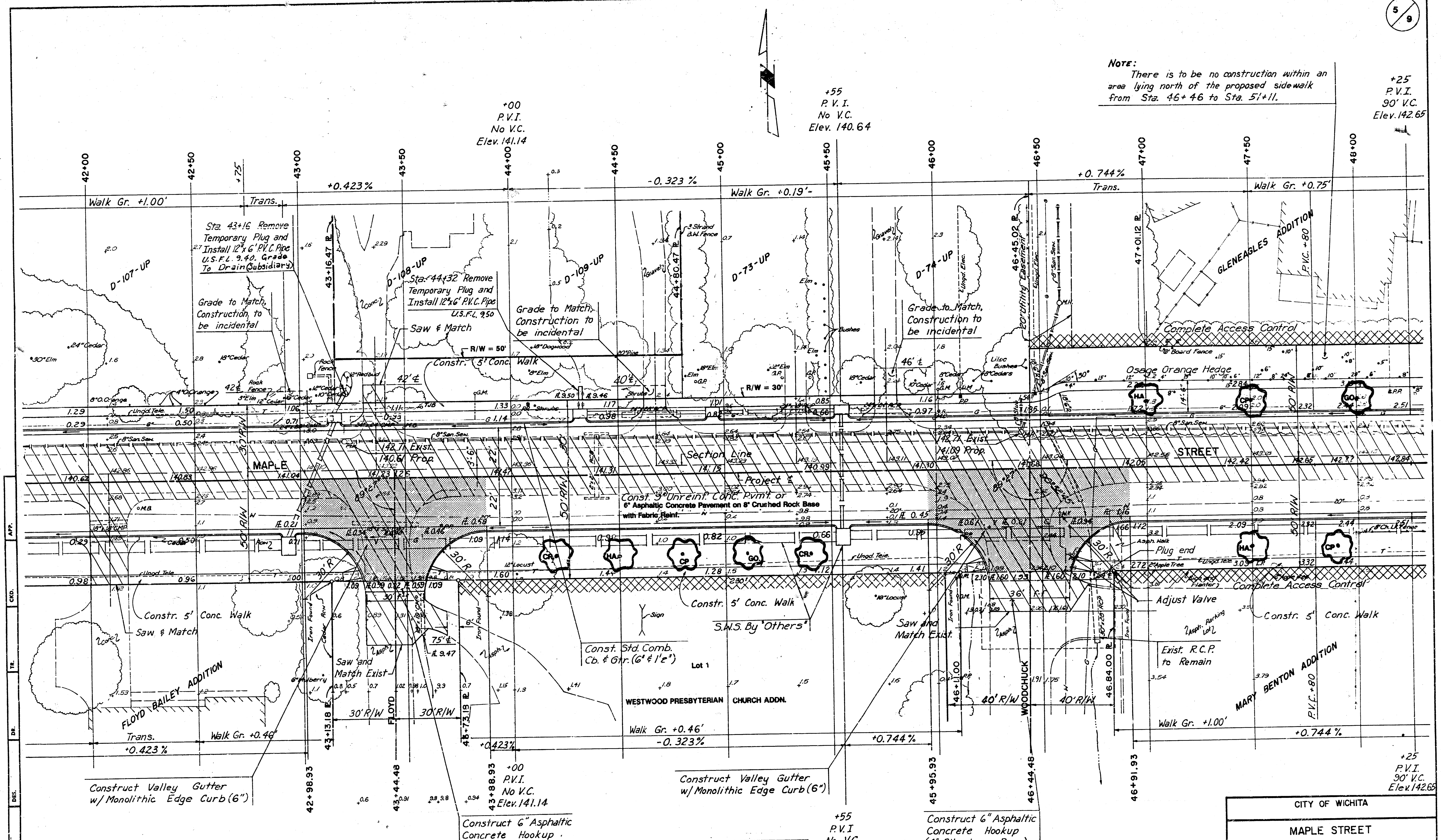
MAPLE STREET

PLAN III

CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

Booker/Freund
Engineers Architects Planners

SCALE 1" = 20' | DATE | DWG. NO.



NOTE: There is to be no construction within an area lying north of the proposed sidewalk from Sta. 46+46 to Sta. 51+11.
+00 P.V.I. No V.C. Elev. 141.14
+55 P.V.I. No V.C. Elev. 140.64
+25 P.V.I. 90' V.C. Elev. 142.65
42+00
42+50
43+00
43+50
44+00
44+50
45+00
45+50
46+00
46+50
47+00
47+50
48+00
+0.423 %
-0.323 %
+0.744 %
Walk Gr. +1.00'
Trans.
Walk Gr. +0.19'
Walk Gr. +0.75'
Sta. 43+16 Remove Temporary Plug and Install 12"x 6" P.V.C. Pipe U.S.F.L. 9.40. Grade To Drain (Subsidiary)
Sta. 44+32 Remove Temporary Plug and Install 12"x 6" P.V.C. Pipe U.S.F.L. 9.50
Grade to Match, Construction to be incidental
Saw & Match
Constr. 5' Conc. Walk
D-107-UP
D-108-UP
D-109-UP
D-73-UP
D-74-UP
43+16.47
44+80.47
46+45.02
47+01.12
GLENEAGLES ADDITION
Complete Access Control
Osage Orange Hedge
R/W = 50'
R/W = 30'
MAPLE
STREET
Section Line
Project ℄
Const. 9" Unreinf. Conc. Pvmt. or 6" Asphaltic Concrete Pavement on 8" Crushed Rock Base with Fabric Reinf.
142.71 Exist.
140.61 Prop.
141.71 Exist.
141.09 Prop.
Adjust Valve
Plug end
Exist. R.C.P. to Remain
Saw and Match Exist
S.W.S. By "Others"
Const. Std. Comb. Cb. & Gtr. (6" & 1'2")
Lot 1
WESTWOOD PRESBYTERIAN CHURCH ADDN.
FLOYD BAILEY ADDITION
MARY BENTON ADDITION
FLOYD
WOODCHUCK
30' R/W
40' R/W
Walk Gr. +0.40'
Walk Gr. +0.46'
Walk Gr. +1.00'
Construct Valley Gutter w/ Monolithic Edge Curb (6")
Construct 6" Asphaltic Concrete Hookup (4" Bituminous Base)
42+98.93
43+13.18
43+44.48
43+73.18
43+88.93
45+95.93
46+44.48
46+84.00
46+91.93
P.V.C.+80

INTERSECTION QUANTITIES		FLOYD
CONC. ALT.	ASPH. ALT.	ITEM
361.7	—	S.Y. 9" CONC. PVMT.
—	220.0	S.Y. 6" Asphaltic Concrete Pavement
78.8	78.8	L.F. MONOLITHIC CURB
367.4	367.4	S.Y. Manipulation or Rock Base
—	141.7	S.Y. 6" Reinf. Conc. Valley Gutter Pavement
—	561	LBS. REINFORCING STEEL

INTERSECTION QUANTITIES		WOODCHUCK
CONC. ALT.	ASPH. ALT.	ITEM
392.7	—	S.Y. 9" CONC. PVMT.
—	234.7	S.Y. 6" Asphaltic Concrete Pavement
78.8	78.8	L.F. MONOLITHIC CURB
398.4	398.4	S.Y. Manipulation or Rock Base
—	158.0	S.Y. 6" Reinf. Conc. Valley Gutter Pavement
—	626	LBS. REINFORCING STEEL

B.M. City Disk
52' Rt. Sta. 46+12 El. 141.10

B.M. # 5 Chiseled "□" on light base
50' Rt. Sta. 47+52 El. 143.45

CITY OF WICHITA

MAPLE STREET

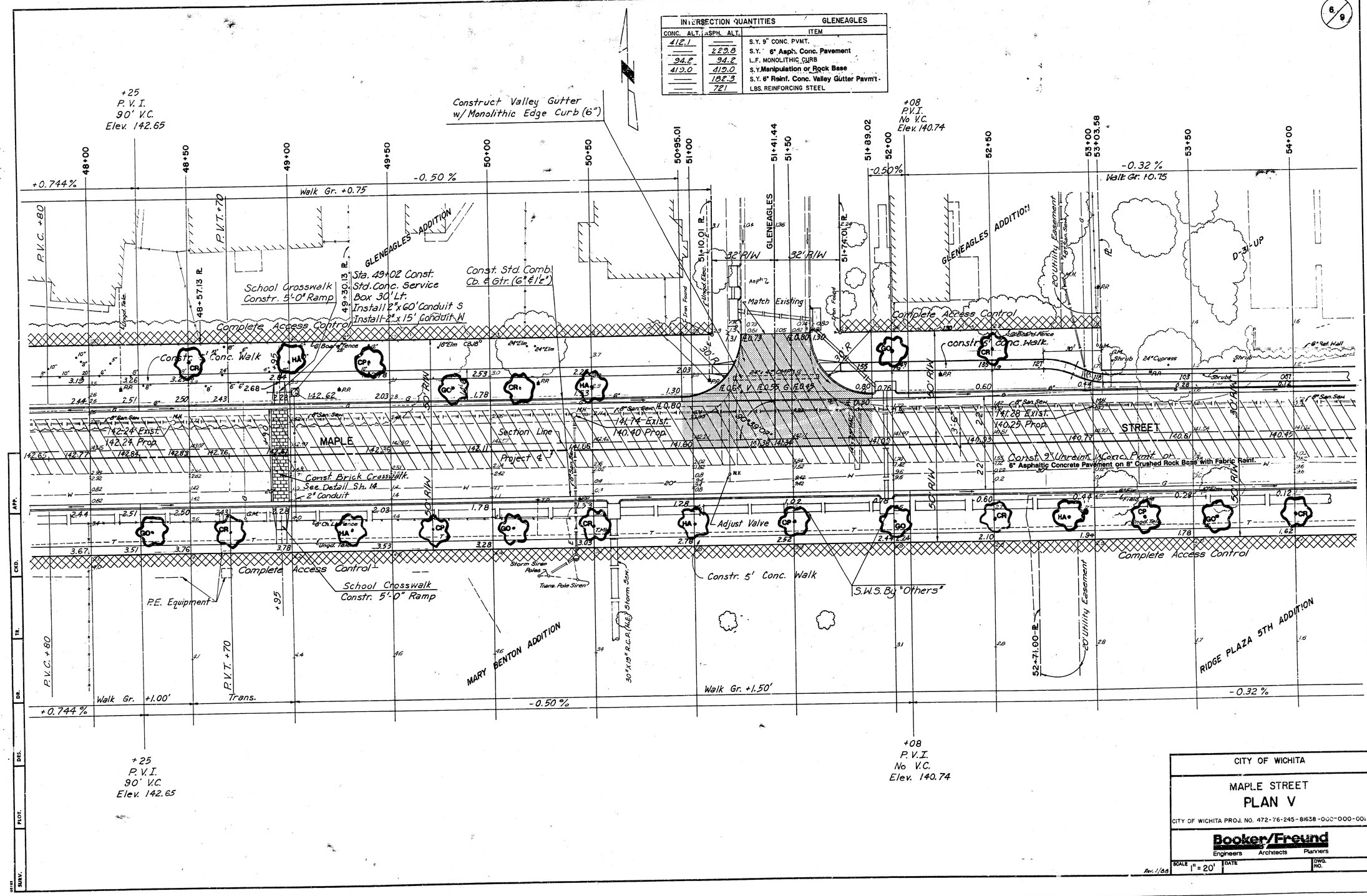
PLAN IV

CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

Booker/Freund
Engineers Architects Planners

SCALE 1" = 20' | DATE | DWG. NO.

INTERSECTION QUANTITIES		GLENEAGLES
CONC. ALT.	ASPH. ALT.	ITEM
412.1	——	S.Y. 9" CONC. PVMT.
——	229.8	S.Y. 6" Asph. Conc. Pavement
94.8	94.8	L.F. MONOLITHIC CURB
419.0	419.0	S.Y. Manipulation or Rock Base
——	182.3	S.Y. 6" Reinf. Conc. Valley Gutter Pavm't.
——	721	LBS. REINFORCING STEEL



APP. CKD. TR. DR. DES. PLOT. SURV.

CITY OF WICHITA

MAPLE STREET

PLAN V

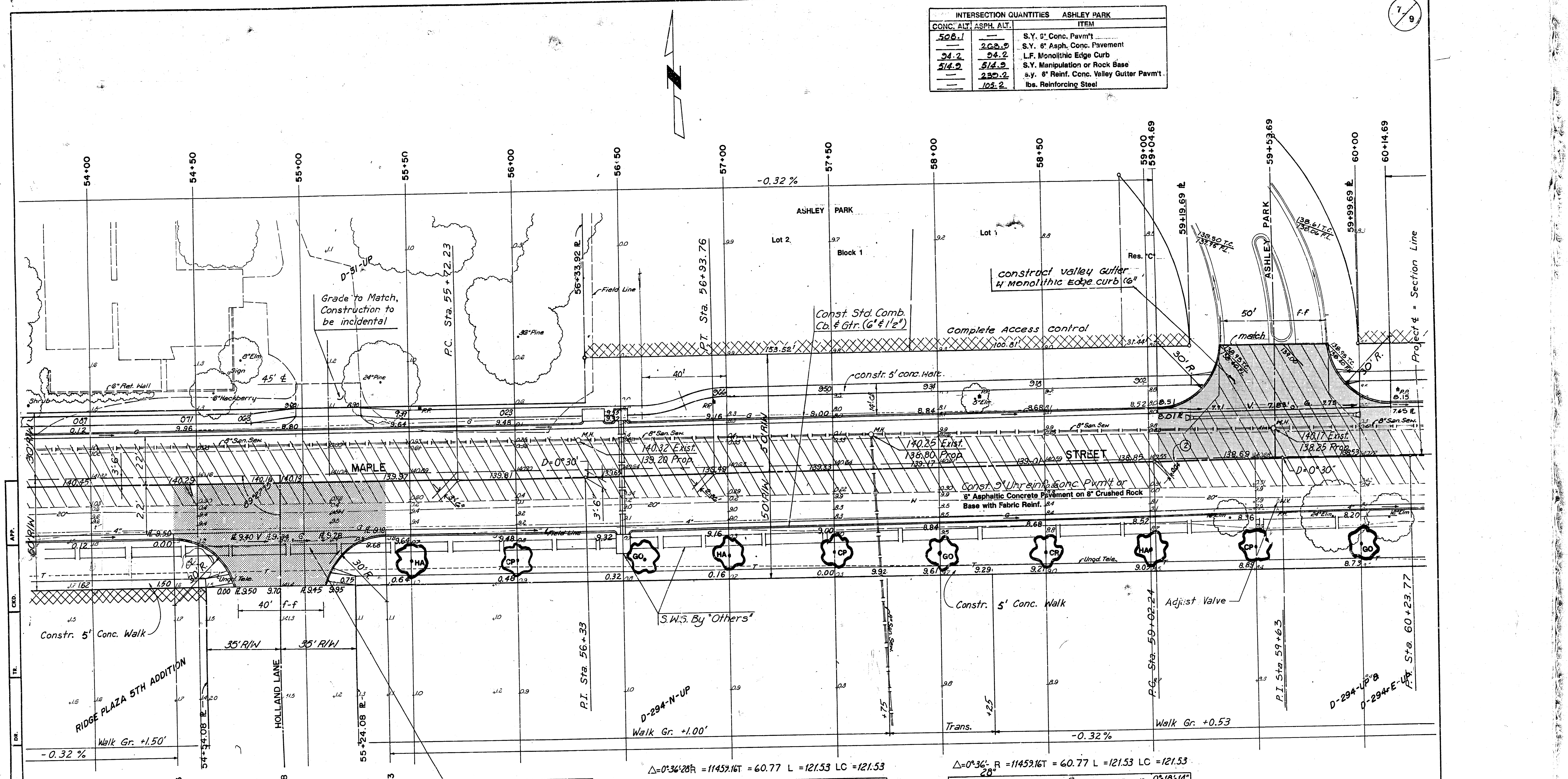
CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

Booker/Freund Engineers Architects Planners

SCALE 1" = 20' | DATE | DWG. NO.

Rev. 1/88

CONC. ALT.	ASPH. ALT.	ITEM
INTERSECTION QUANTITIES		ASHLEY PARK
508.1	—	S.Y. 9" Conc. Pavm't
—	268.9	S.Y. 6" Asph. Conc. Pavement
94.2	94.2	L.F. Monolithic Edge Curb
514.9	514.9	S.Y. Manipulation or Rock Base
—	239.2	s.y. 6" Reinf. Conc. Valley Gutter Pavm't
—	105.2	lbs. Reinforcing Steel



B.M. #6 R.R. Spk. in pwr. pole 29' Lt. Sta. 55+55 El. 141.62

CONC. ALT.	ASPH. ALT.	ITEM
INTERSECTION QUANTITIES		HOLLAND LANE
413.4	—	S.Y. 9" CONC. PVMT.
—	244.4	S.Y. 6" Asph. Conc. Pavement
78.8	78.8	L.F. MONOLITHIC CURB
419.1	419.1	S.Y. Manipulation or Rock Base
—	169.0	S.Y. 6" Reinf. Conc. Valley Gutter Pavm't
—	669	LBS. REINFORCING STEEL

Δ=0°36'28" R =11459.16 T =60.77 L =121.53 LC =121.53

CURVE DATA BASED ON ℄ RAD. Δ/2 = 0°18'14"

STA.	ARC.	CHORD LENGTH 8' OFF Lt CB	CHORD LENGTH 8' OFF Rt CB	DEFLECTION	TOTAL DEFLECTION
55+72.23	—	—	—	0°-00'	0°-00"
55+75	2.77	2.76	2.78	0°-00'-25"	0°-00'-25"
56+00	25.00	24.93	25.07	0°-03'-25"	0°-04'-10"
56+25	25.00	24.93	25.07	0°-03'-25"	0°-07'-55"
56+50	25.00	24.93	25.07	0°-03'-25"	0°-11'-40"
56+75	25.00	24.93	25.07	0°-03'-25"	0°-15'-25"
56+93.76	18.77	18.00	18.82	0°-02'-49"	0°-18'-14"

DEF./FT. = 0.14 MIN.

Δ=0°36'28" R =11459.16 T =60.77 L =121.53 LC =121.53

CURVE DATA BASED ON ℄ RAD. Δ/2 = 0°-18'-14"

STA.	ARC.	CHORD LENGTH 8' OFF Lt CB	CHORD LENGTH 8' OFF Rt CB	DEFLECTION	TOTAL DEFLECTION
59+02.24	—	—	—	0°-00'	0°-00"
59+25	22.76	22.82	22.70	0°-03'-25"	0°-03'-25"
59+50	25.00	25.07	24.93	0°-03'-45"	0°-07'-10"
59+75	25.00	25.07	24.93	0°-03'-45"	0°-10'-55"
60+00	25.00	25.07	24.93	0°-03'-45"	0°-14'-40"
60+23.77	23.77	23.83	23.70	0°-03'-34"	0°-18'-14"

DEF./FT. = 0.14 MIN.

CITY OF WICHITA

MAPLE STREET

PLAN VI

CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

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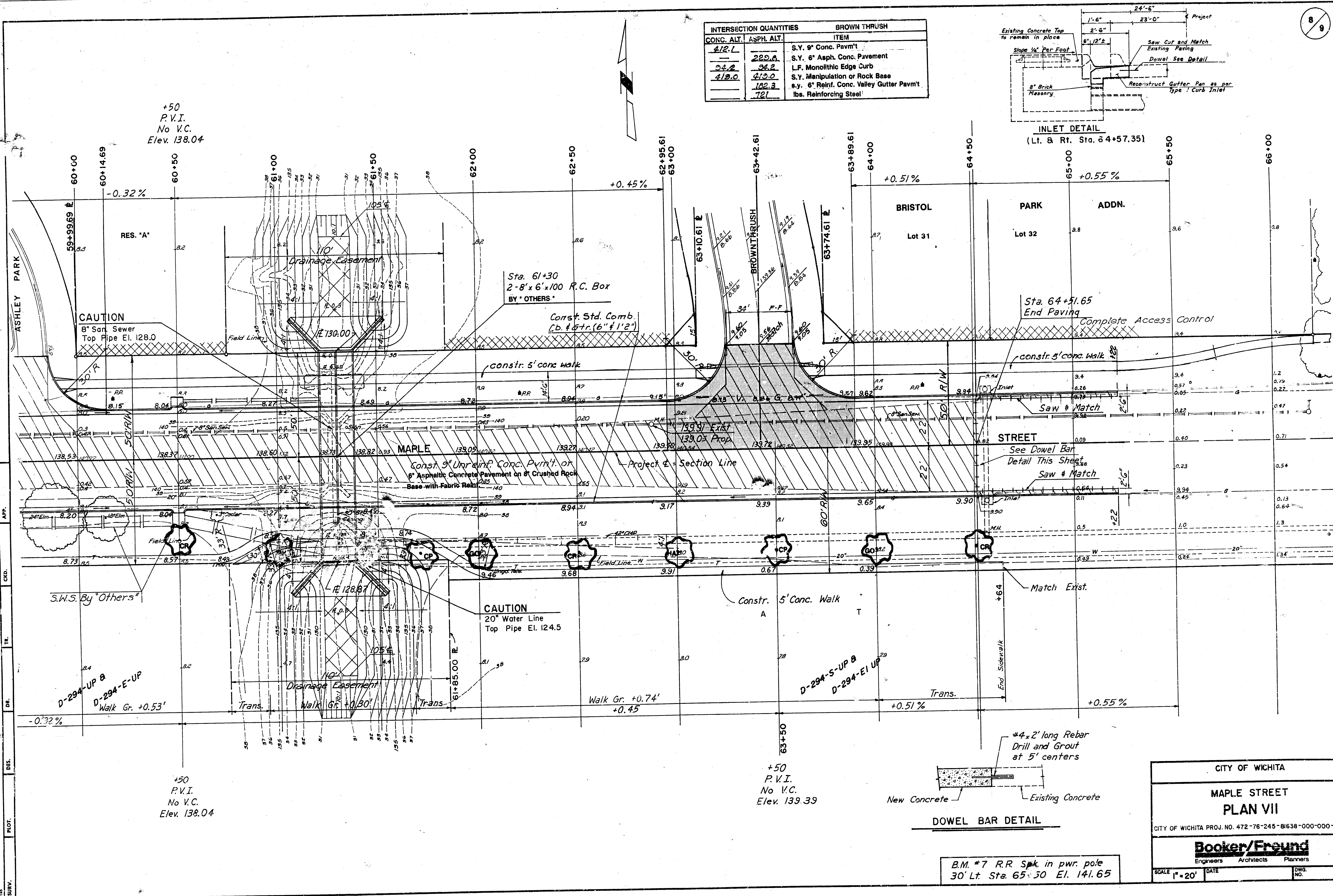


INTERSECTION QUANTITIES		BROWN THRUSH
CONC. ALT.	ASPH. ALT.	ITEM
412.1	—	S.Y. 9" Conc. Pavm't
—	229.8	S.Y. 6" Asph. Conc. Pavement
94.2	94.2	L.F. Monolithic Edge Curb
419.0	419.0	S.Y. Manipulation or Rock Base
	182.3	s.y. 6" Reinf. Conc. Valley Gutter Pavm't
	721	lbs. Reinforcing Steel

CITY OF WICHITA

MAPLE STREET

PLAN VII

CITY OF WICHITA PROJ. NO. 472-76-245-81638-000-000-001

Booker/Freund
Engineers Architects Planners

SCALE 1" = 20' | DATE | DWG. NO.

APP. | CKD. | TR. | DR. | DES. | PLOT. | SURV.

GENERAL: THE ENTIRE DISTURBED AREA, EXCEPTING THE PAVED OR SURFACED AREAS, STEEP ROCKY SLOPES AND AREAS OF UNDISTURBED NATIVE SOD OR OTHER DESIRABLE VEGETATION SHALL BE FERTILIZED (LIMED WHEN REQUIRED), SEEDED, AND MULCHED. SOIL PREPARATION SHALL CONFORM TO THE STANDARD SPECIFICATIONS.

ALL BORROW AREAS SHOWN ON THE PLANS ARE TO BE FERTILIZED, SEEDED, AND MULCHED. HOWEVER, OPERATION IN BORROW AREAS WHERE CROPS ARE GROWING MAY BE OMITTED WHEN REQUESTED BY THE OWNER.

MULCHING: MULCH SHALL BE SPREAD UNIFORMLY OVER ALL DISTURBED AREAS AND PUNCHED INTO THE SOIL, UNLESS OTHERWISE NOTED ON THE PLANS. THE RATE OF APPLICATION PER ACRE, THICKNESS IN PLACE FOR THE VARIOUS MULCHING MATERIALS ARE AS FOLLOWS:

PRAIRIE HAY MULCHING	1 3/4 - 2 1/4	TONS PER ACRE	=	1 1/2"	LOOSE DEPTH SPREAD UNIFORMLY OVER ACRE.
BROMEGRASS MULCHING	1 3/4 - 2 1/4	TONS PER ACRE	=	1 1/2"	LOOSE DEPTH SPREAD UNIFORMLY OVER ACRE.
WHEAT OR OATS STRAW MULCHING	1 1/2 - 2	TONS PER ACRE	=	3"	LOOSE DEPTH SPREAD UNIFORMLY OVER ACRE.
WOOD CHIPS MULCHING	4 - 5	TONS PER ACRE	=	1 - 2"	LOOSE DEPTH SPREAD UNIFORMLY OVER ACRE.
WOOD FIBER MULCHING	3/4 - 1	TON PER ACRE	=		SPREAD UNIFORMLY OVER ACRE.

OTHER VEGETATIVE MULCHES (ACCEPTABLE ONLY WITH THE ENGINEER'S CONCURRANCE)

THE ABOVE RATES ARE A GUIDE. IT WILL BE AT THE DISCRETION OF THE ENGINEER TO DETERMINE WHAT RATE IS SUFFICIENT FOR ADEQUATE PROTECTION OF NEWLY SEEDED AREAS.

THE AMOUNT OF MULCH IN THE BID QUANTITIES IS ESTIMATED. THE TOTAL MULCH REQUIRED SHALL BE DETERMINED IN THE FIELD. THE BID ITEM FOR MULCHING SHALL BE PAID FOR BY ONE OF THE FOLLOWING WAYS: A. PLAN QUANTITY AS SHOWN ON SUMMARY OF QUANTITIES, SEEDING SHEET OR WATER POLLUTION CONTROL SHEET, B. SLOPE MEASUREMENT AS MEASURED IN FIELD, OR C. DRILL MEASUREMENT LESS SE AS MEASURED AT THE TIME OF SEEDING.

FERTILIZER: A RATIO AND APPLICATION RATE THAT EQUALS OR EXCEEDS THE REQUIRED MINIMUM RATE PER ACRE OF N, P_2O_5, K_2O LISTED IN SUMMARY OF QUANTITIES WILL BE ACCEPTABLE.

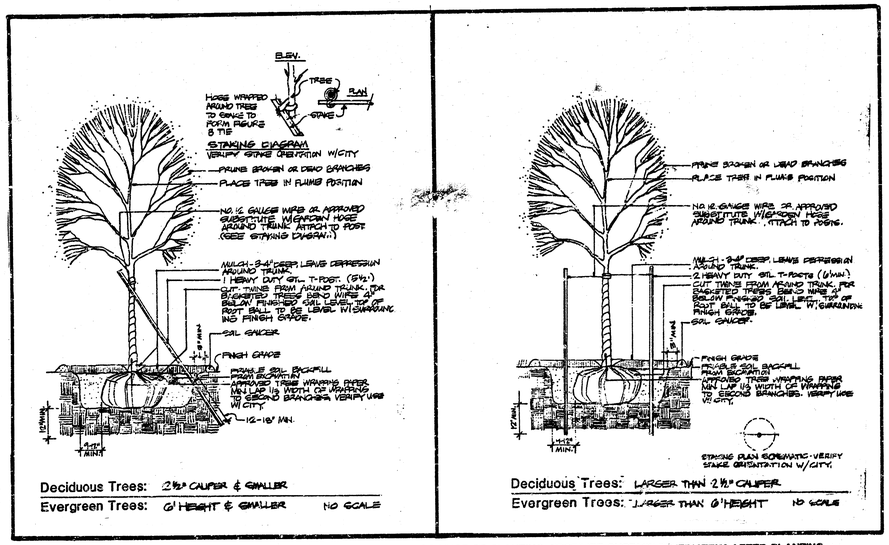
SUMMARY OF SEEDING QUANTITIES

SEEDING PERIOD: FEB 15 TO APRIL 20 AND AUG. 15 TO SEPT. 30 | SODDING PERIOD: MARCH 1 TO JUNE 15 AND SEPT 1 TO NOV 15

RATE	ACRES		BID QUANTITIES	UNIT
35lb/Ac.	2.5	Rebel II, Fescue Seed	875	lbs.
350 lb/Ac.	2.5	Fertilizer (12-24-12)	875	lbs.
	2.5	Mulching	2.5	Ac.

SUMMARY OF TREES

STATION	OFF-SET	TYPE	STATION	OFF-SET	TYPE
25+83	31' Rt.	Crabapple	41+80	36' Rt.	Golden Raintree
26+00	31' Lt.	Crabapple	44+20	36' Rt.	Crabapple
26+16	31' Rt.	Hawthorne	44+50	36' Rt.	Hawthorne
26+50	31' Rt.	Chanticleer Pear	44+80	36' Rt.	Chanticleer Pear
26+50	31' Lt.	Hawthorne	45+10	36' Rt.	Golden Raintree
27+50	31' Lt.	Golden Raintree	45+40	36' Rt.	Crabapple
28+00	31' Lt.	Crabapple	47+00	30' Lt.	Hawthorne
28+30	31' Rt.	Crabapple	47+50	30' Lt.	Chanticleer Pear
28+50	31' Lt.	Hawthorne	47+50	36' Rt.	Hawthorne
28+63	31' Rt.	Hawthorne	47+90	36' Rt.	Chanticleer Pear
28+90	31' Lt.	Chanticleer Pear	48+00	30' Lt.	Golden Raintree
28+96	31' Rt.	Chanticleer Pear	48+30	36' Rt.	Golden Raintree
29+29	31' Rt.	Golden Raintree	48+50	44' Lt.	Crabapple
29+30	31' Lt.	Golden Raintree	48+70	36' Rt.	Crabapple
29+60	31' Lt.	Crabapple	49+00	44' Lt.	Hawthorne
29+62	31' Rt.	Hawthorne	49+30	36' Rt.	Hawthorne
29+95	31' Rt.	Chanticleer Pear	49+40	44' Lt.	Chanticleer Pear
30+28	31' Rt.	Crabapple	49+70	36' Rt.	Chanticleer Pear
30+70	31' Lt.	Golden Raintree	49+80	30' Lt.	Golden Raintree
30+90	31' Lt.	Crabapple	50+10	36' Rt.	Golden Raintree
31+00	31' Lt.	Hawthorne	50+15	30' Lt.	Crabapple
32+10	31' Rt.	Chanticleer Pear	50+50	36' Rt.	Crabapple
32+50	31' Rt.	Golden Raintree	50+50	30' Lt.	Hawthorne
32+90	32' Rt.	Crabapple	51+20	36' Rt.	Hawthorne
32+90	31' Lt.	Golden Raintree	51+50	36' Rt.	Chanticleer Pear
33+25	31' Lt.	Crabapple	52+00	36' Rt.	Golden Raintree
33+60	33' Rt.	Hawthorne	52+00	44' Lt.	Golden Raintree
33+93	33' Rt.	Golden Raintree	52+50	44' Lt.	Crabapple
34+00	30' Lt.	Hawthorne	52+50	36' Rt.	Crabapple
34+18	33' Rt.	Crabapple	52+87	36' Rt.	Hawthorne
34+30	30' Lt.	Chanticleer Pear	53+25	36' Rt.	Chanticleer Pear
34+60	30' Lt.	Crabapple	53+62	36' Rt.	Golden Raintree
34+75	34' Rt.	Chanticleer Pear	54+00	36' Rt.	Crabapple
34+90	29' Lt.	Hawthorne	55+50	36' Rt.	Hawthorne
35+20	29' Lt.	Golden Raintree	56+00	36' Rt.	Chanticleer Pear
35+20	35' Rt.	Crabapple	56+60	36' Rt.	Golden Raintree
35+50	28' Lt.	Hawthorne	57+00	36' Rt.	Hawthorne
35+60	35' Rt.	Hawthorne	57+50	36' Rt.	Chanticleer Pear
36+00	35' Rt.	Chanticleer Pear	58+00	39' Rt.	Golden Raintree
36+40	35' Rt.	Golden Raintree	58+50	39' Rt.	Crabapple
36+80	36' Rt.	Crabapple	59+00	39' Rt.	Hawthorne
37+20	36' Rt.	Crabapple	59+50	39' Rt.	Chanticleer Pear
37+60	36' Rt.	Chanticleer Pear	60+00	39' Rt.	Golden Raintree
38+00	36' Rt.	Golden Raintree	60+50	39' Rt.	Crabapple
38+40	36' Rt.	Crabapple	61+00	45' Rt.	Hawthorne
38+80	36' Rt.	Hawthorne	61+70	47' Rt.	Chanticleer Pear
40+70	36' Rt.	Chanticleer Pear	62+00	47' Rt.	Golden Raintree
40+92	36' Rt.	Golden Raintree	62+50	47' Rt.	Crabapple
41+14	36' Rt.	Crabapple	63+00	48' Rt.	Hawthorne
41+36	36' Rt.	Hawthorne	63+50	48' Rt.	Chanticleer Pear
41+58	36' Rt.	Chanticleer Pear	64+00	48' Rt.	Golden Raintree
			64+50	48' Rt.	Crabapple



NOTE: BALL OF PLANT TO BE KEPT MOIST & PROTECTED FROM DAMAGE PRIOR TO PLANTING. FERTILIZE SURFACE IMMEDIATELY AFTER PLANTING.

PLANT LIST

	COMMON NAME	BOTANICAL NAME
CP.	CHANTICLEER PEAR	PYRUS CALLERYANA
GO.	GOLDEN RAIN TREE	KOELREUTERIA PANICULATA
HA.	HAWTHORNE	CRATAEGUS PHAENOPYRUM (Single Trunk)
CR.	SNOWDRIFT CRABAPPLE	MALUS " SNOWDRIFT "

TREE PLANTING SCHEDULE with DETAILS

INDEX NO. 705327

PROJECT DESCRIPTION
MAPLE STREET
LANDSCAPING PLAN

PROJECT NUMBER
472-76-245-81638-000-000-001

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