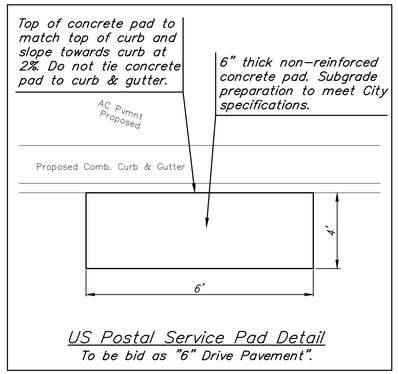
BENCHMARKS:
CUT OFF "T"-POST, DOWN 0.25'
13.5' WEST OF POWER POLE
30' SOUTH OF FIRE HYDRANT
+/- 200' SOUTH OF CENTERLINE
DRIVE TO HOUSE # 2816 S MAIZE RD.
ELEV. = 1328.386 (NAVD 88)

SQUARE CUT WITH + IN SW WINGWALL
OF THE SOUTHERNMOST OF THREE
CONCRETE DITCH CHECKS
+/- 1125' WEST OF CENTERLINE S.
MAIZE RD, BEHIND HOUSE #2951 S
MAIZE RD.
ELEV. = 1332.383 (NAVD88)



US Postal Service Pad Detail
To be bid as "6" Drive Pavement".

SCHULTE-JOHNSON
2ND ADDITION

Sta. 0+00.00 = ℄ Westgate St
Sta. 0+37.00
Sta. 0+50.18-PC
Sta. 1+19.44-PRC
Sta. 3+05.84-PRC
PVI
Elev. = 1335.50
No V.C.
Sta. 4+05.00
Sta. 4+50.00
Match Line

-0.865%
+0.572%
-0.863%
+0.526%

WESTGATE ST
WILDWOOD ST
BASIL ST

34' (Fc-Fc)
64' R/W
10' Util. Esm't.
20' Drng. & Util. Esm't.
40' Drng. & Util. Esm't.

MH Rim Elev. = 1340.20
MH Rim Elev. = 1336.70
MH Rim Elev. = 1337.00
MH Rim Elev. = 1335.90
Inlet Top Elev. = 1335.60
Inlet Top Elev. = 1335.40
Valve Box Elev. = 1338.75
Valve Box Elev. = 133

Construct 5' Wide Concrete Sidewalk (4")
Construct AC Pavement 5" (3" Bit Base) w/ Crushed Rock Base 5", Reinforced
Prop. 8" San. Sewer
Prop. 30" SWS
Existing 27" San. Sewer Main
Prop. 5' Walk
Prop. 8" Water Line
Prop. 8" San. Sewer

Iron @ BL Sta. 0+32.00
Iron @ BL Sta. 0+50.18
Iron @ BL Sta. 1+19.44
Iron @ BL Sta. 3+05.84

Trans. from 1/2 Cr. to Full Cr. in 13.18'
Trans. from Type 4 Comb. Curb & Gutter (6-5/8") to Type 2 Comb. Curb & Gutter (3-5/8") in 5' (Both Sides)
Construct Type 2 Comb. Curb & Gutter (3-5/8" RL) (Both Sides)
Adjust Inlet Top to Meet Proposed Grade (both sides)
Const. Std. Type 1A Inlet Hook-Up. (both sides)

RES. "H"
RES. "J"

Curve #6 821.00
Curve #7 821.00
Curve #8 821.00

R=853.00'
R=838.00'
R=804.00'
R=789.00'

Sta. 4+24.80, 19.50' Lt. Install 6" thick 6' x 4' concrete pad for Postal Service. To be bid as "6" Drive Pavement".

Roll type curb & gutter to be constructed on the pavement on this sheet. Top of curb elevation are given for full height curb.

Proposed AC Pvmnt

20 0 20
Scale: 1" = 20'
• = Iron

Curve #8
Curve Data Based on Centerline
Rad. = 821' Delta = 15°17'15" Tangent = 110.18'
Arc = 219.06' L.C. = 218.41' Def./Ft. = 2.09360 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
3+05.84	–	–	–	0°00'00"	0°00'00"
3+25.00	19.16'	19.74'	18.58'	0°40'07"	0°40'07"
3+50.00	25.00'	25.76'	24.24'	0°52'20"	1°32'27"
3+75.00	25.00'	25.76'	24.24'	0°52'21"	2°24'48"
4+00.00	25.00'	25.76'	24.24'	0°52'20"	3°17'08"
4+25.00	25.00'	25.76'	24.24'	0°52'20"	4°09'28"
4+50.00	25.00'	25.76'	24.24'	0°52'21"	5°01'49"
4+75.00	25.00'	25.76'	24.24'	0°52'20"	5°54'09"
5+00.00	25.00'	25.76'	24.24'	0°52'21"	6°46'30"
5+24.90	24.90'	25.66'	24.14'	0°52'07"	7°38'37"

Curve #7
Curve Data Based on Centerline
Rad. = 821' Delta = 13°00'32" Tangent = 93.61'
Arc = 186.40' L.C. = 186.01' Def./Ft. = 2.09371 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
1+19.44	–	–	–	0°00'00"	0°00'00"
1+25.00	5.56'	5.39'	5.73'	0°11'38"	0°11'38"
1+50.00	25.00'	24.24'	25.76'	0°52'21"	1°03'59"
1+75.00	25.00'	24.24'	25.76'	0°52'21"	1°56'20"
2+00.00	25.00'	24.24'	25.76'	0°52'20"	2°48'40"
2+25.00	25.00'	24.24'	25.76'	0°52'21"	3°41'01"
2+50.00	25.00'	24.24'	25.76'	0°52'20"	4°33'21"
2+75.00	25.00'	24.24'	25.76'	0°52'21"	5°25'42"
3+00.00	25.00'	24.24'	25.76'	0°52'20"	6°18'02"
3+05.84	5.84'	5.66'	6.02'	0°12'14"	6°30'16"

Curve #6
Curve Data Based on Centerline
Rad. = 821' Delta = 4°49'59" Tangent = 34.65'
Arc = 69.26' L.C. = 69.23' Def./Ft. = 2.09344 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
0+50.18	–	–	–	0°00'00"	0°00'00"
0+75.00	24.82'	25.57'	24.06'	0°51'58"	0°51'58"
1+00.00	25.00'	25.76'	24.24'	0°52'20"	1°44'18"
1+19.44	19.44'	20.03'	18.85'	0°40'41"	2°24'59"

SCHULTE-JOHNSON
2ND ADDITION

AUSTIN E. GOTTSCHALK
LICENSED
17919
07/18/2021
KANSAS
PROFESSIONAL ENGINEER

BAUGHMAN COMPANY
315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

SCHULTE-JOHNSON 2ND ADD. - ENTRANCE

BASIL ST

Sta. 0+00.00 to Sta. 4+50.00

PROJECT NUMBER: 472-2020-085633

DESIGN: AEG DRAWN: HJW

DATE: July 19, 2021

SHEET 9 OF 26

File: C:\Projects\Schulte-Johnson 2nd Addition\Engineering\Phase 1\STR\STR Plans.dwg