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 PLOTTED: Monday, August 06, 2022 @ 11:27AM

GENERAL NOTES

Unless shown or stated otherwise on these drawings, drawings, materials, and construction shall be in accordance with City of Wichita Standard Specifications and special provisions.

The plans are based on a field survey conducted prior to design and represent existing conditions at the time. Conditions at the site may vary from these initial surveyed conditions. Contractor shall verify existing site conditions prior to construction.

Contractor will be required to provide a minimum advance notice of seventy-two (72) hours to utility companies prior to starting any excavation as follows:

Kansas One-call 1-800-344-7233
 or local Wichita 687-2470

The Contractor must notify the following in case of an emergency:

AT&T (telephone) 1-800-870-8390
 Cox Communications (cable) 262-0661
 Westar (electric) 383-8600
 Kansas Gas Service (gas) 1-888-482-4950
 City of Wichita Water & Sewer Maint. 262-6000

The Contractor shall be responsible for preserving existing property irons shown on plans. The Contractor will be required to reestablish any shown property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished at the Contractor's expense by a licensed land surveyor in accordance with state laws.

Construction staking shall be performed by the City of Wichita Public Works Department. All staking performed by the City of Wichita will be done at no cost to the contractor. The contractor shall coordinate the survey staking with the City of Wichita Public Works Department and give the surveyor 24 hours notice when stakes are required.

Utility service lines, poles, valve boxes, meters, etc... are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. Some utilities have been relocated and may not reflect so on the plans. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The plan locations shown are not guaranteed. Additional existing utilities may also be encountered. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

All stationing, radii, pavement widths, offset distances, etc... are measured to the back of the curb and gutter and along the project baseline unless otherwise noted on the plans. Spot elevations on plan sheets are at Back of Full-Height Curb and Gutter flow line. Spot elevations on Intersection Details are as noted.

Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archeological investigations unless buried in a previously approved borrow location. Millings from the "Mill and Overlay" operation shall become the property of the contractor and disposed of on sites provided by the contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location.

All areas disturbed by construction that are adjacent to developed properties shall be restored with sod to match existing turf type. Restoration of disturbed areas shall include, but not be limited to, top soil preparation and sodding. All Sodding work shall be in accordance with City Standard Specifications and the City Administrative Regulation No. AR6.5, which governs cleanup and restoration or replacement following construction. The "Summary of Quantities" shows the estimated area of Sodding, with a bid item for the same. When the weather/season prevents the installation of Sod, the Contractor shall be responsible for installing Erosion Control Blanket (Curlax I, or approved equal) at the Back of Curb (8' wide minimum). All costs for Erosion Mat installation shall be Subsidiary to "Site Restoration". See Sections 902.7 and 902.8 of the standard specifications.

See the Roadside Improvement Plans for delineation of seeding and sodding areas.

All business signs, fences, posts and landscaping features in conflict with the new construction will be relocated by others prior to construction. Upon the start of construction, all items that remain within the construction limits shall be removed and disposed of by the contractor unless otherwise noted.

Select Soil (Topsoil) shall be placed at a minimum depth of 6 inches or as specified on the drawings. The finished grade indicates the surface elevation after the prescribed select soil (topsoil) thickness has been placed. Where offsite select soil is needed, it shall be fertile natural topsoil, typical of the locality, obtained from well drained areas. Stockpiled topsoil may be used. It shall be without admixture of subsoil or slag and shall be free of stones, lumps, sticks, plants, or their roots, toxic substances or other extraneous matter that may be harmful to plant growth or would interfere with future maintenance. Topsoil shall be approved by the Project Engineer prior to placement. Select soil is subsidiary to "Site Restoration".

Proposed curbs matching existing curbs shall be altered to match the shape and dimensions of the existing curb. Positive drainage shall be maintained through such transitions.

UTILITY NOTES:
 The contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the engineer at the contractor's expense.

PROJECT SURVEY CONTROL:

1) The Project Horizontal Datum is based on the NAD83, Kansas State Plane Coordinate System, South Zone, (US Survey Feet Definition), with a Combined Adjustment Factor (CAF) of 1.000120014. All coordinate and dimensions shown on these plans are modified to Ground values.

The following equations can be used for conversion:

Ground Coordinates to State Plane Coordinates = Ground x 1/CAF
 State Plane Coordinates to Ground Coordinates = State Plane x CAF

2) The Vertical Datum used is NAVD88.

UTILITIES

UGE - Westar
 OHE - Westar
 G - Kansas Gas Service
 W - City of Wichita Water
 UGT - AT&T
 ATT - AT&T
 TV - Cox Communications
 SS - City of Wichita Sanitary Sewer
 FOC (ATT) - AT&T
 FOC (KFN) - Kansas Fiber Network
 FOC (LEVEL3) - Level 3 Fiber

SURVEY CONTROL

1901010483_COW_Ridge and Village Traffic Signal

Datum:

The Horizontal Datum is based on the Kansas Coordinate System of 1983(2011), South Zone. Coordinates shown have been modified to the ground using a combined adjustment factor of 1.0001200144. State Plane coordinates can be calculated by multiplying the shown values by 0.99988.

All elevations shown are based on the NAVD 88 vertical datum.

Control Points (GND):

CP4
 N: 1711544.051 E: 1623148.858 EL: 1339.273
 +Cut in SQ cut on T/C at east end of median east of Ridge on Village Circle.

Benchmarks:

BM1/CP1
 N: 1711876.900 E: 1622888.192 EL: 1335.80
 +Cut in SQ cut on T/C on West side of median island and 10 feet north of south end of median south of K-96 on Ridge Rd.

BM2/CP2

N: 1711517.594 E: 1622970.805 EL: 1336.33
 +Cut in SQ cut on T/C at East return where it meets the sidewalk. Southeast corner of Ridge and Village Circle.

BM3/CP3

N: 1711545.809 E: 1622839.156 EL: 1335.67
 +Cut in SQ cut on T/C on east nose of island on west side of Ridge and Village Circle.

Note:

All Control Points shown have elevations established using standard surveying procedures and can be used as temporary benchmarks. When using a Control point as a temporary benchmark, it is recommended that cross-checks be made to other control points or benchmarks to confirm elevations prior to use.

RECAPITULATION OF QUANTITIES		
BID ITEM DESCRIPTION	QUANTITY	UNIT
Lump Sum Bid Items		
Mobilization	1	LS
Site Restoration	1	LS
Sodding	1	LS
Pavement Marking	1	LS
Traffic Signal	1	LS
Detection System	1	LS
Traffic Control	1	LS
Measured Quantity Bid Items		
Concrete Sidewalk, Removed	54	S.Y.
Concrete Flume, Removed	7	L.F.
Concrete C&G, Removed and Replaced	51	L.F.
Concrete Curb, Mono Edge, Removed & Replaced	18	L.F.
Concrete Sidewalk 4"	875	S.F.
Wheelchair Ramp w/ Detectable Warnings	8	EA
Concrete Flume	10	LF
Sidewalk Flume	11	LF
BMP, Back of Curb Protection	279	LF
BMP, Silt Fence	89	LF
BMP, Curb Inlet Protection	3	EA
Traffic Signal Controller	1	EA



PLANS FOR
RIDGE RD. & VILLAGE CIR. TRAFFIC SIGNAL
 WICHITA, KS

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GENERAL NOTES, QUANTITIES AND MISC. INFO.

PROJECT NO.	472-2021-085741	
DATE	8/8/2022	
SCALE	NONE	
DESIGNED	DRAWN	CHECKED
JRA	RAM	JRA
NO.	REVISION	DATE

SHEET NO.
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