

GENERAL NOTES

THE SEQUENCE SHOWN IS INTENDED AS A GUIDE FOR MAJOR ITEMS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL MINOR ITEMS. VARIATIONS TO THE SEQUENCE SHOWN MAY BE USED AS APPROVED BY THE ENGINEER. REGARDLESS OF THE SEQUENCE USED, TRAFFIC HANDLING SHALL BE ESSENTIALLY IN ACCORDANCE WITH THAT SHOWN. PART OF THE WORK SHOWN FOR A SPECIFIC STAGE MAY BE ACCOMPLISHED IN OTHER STAGES. MAJOR WORK NOT CONSTRUCTED WITHIN THE INDICATED STAGE SHALL MEET WITH THE WRITTEN APPROVAL OF THE ENGINEER.

TEMPORARY STRIPING SHOWN ON NEW ROADWAYS BEING USED TO CARRY DIVERTED TRAFFIC DURING CONSTRUCTION SHALL BE APPLIED BEFORE PLACEMENT OF THE FINAL SURFACE COURSE. PRIOR TO THE FINAL OPENING, THE SURFACE COURSE SHALL BE PLACED COVERING THE TEMPORARY STRIPING.

TEMPORARY PAVEMENT SHALL BE AC TEMP. PAVEMENT 6" (4" BIT. BASE). THIS BID ITEM SHALL INCLUDE CONSTRUCTION OF PAVEMENT INCLUDING SUBGRADE PREPARATION AND COMPACTION, ALL COSTS INCURRED TO PROPERLY MAINTAIN THE TEMPORARY PAVEMENT WHILE IN USE, AND REMOVAL AND DISPOSAL OF TEMPORARY PAVEMENT WHEN NO LONGER NEEDED. ESTIMATED QUANTITY IS BASED ON 1- 12' TEMPORARY LANE AT MARKET, TOPEKA AND EMPORIA AND 2 - 12' TEMPORARY LANES AT BROADWAY.

ADDITIONAL SIGNS, BARRICADES AND ANY OTHER TRAFFIC CONTROL DEVICES NOT SHOWN ON THE PLANS WHICH MAY BE DEEMED NECESSARY BY THE ENGINEER FOR TRAFFIC CONTROL DURING CONSTRUCTION WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT SHALL BE SUBSIDIARY TO THE CONTRACT LUMP SUM PRICE BID FOR "TRAFFIC CONTROL".

THE CONTRACTOR SHALL PROVIDE ALL WEATHER ACCESS DRIVES TO ALL PROPERTIES ADJACENT TO THE PROJECT. ALL COSTS ASSOCIATED WITH PROVIDING ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE BID FOR "TRAFFIC CONTROL".

IN STAGES 1-7, THE CONTRACTOR SHALL CONSTRUCT THE SOUTH SIDEWALK WITHOUT DISTURBING THE EXISTING WESTAR POLES AND OVERHEAD LINES. AT THESE LOCATIONS, THE CONTRACTOR SHALL LEAVE OUT A 5' X 5' SECTION (TO THE NEAREST JOINT LINES) OF SIDEWALK.

IN STAGE 8, AFTER THE DUCT BANK IS COMPLETE AND OCCUPIED BY BOTH WESTAR ENERGY AND COX COMMUNICATIONS, WESTAR WILL REMOVE THE EXISTING POLES AND OVERHEAD LINES. THE CONTRACTOR SHALL THEN COMPLETE THE REMAINING 5' X 5' SIDEWALK SECTIONS.

THE TRAFFIC SIGNALS MUST BE FULLY OPERATIONAL AT EACH INTERSECTION PRIOR TO OPENING WATERMAN ST. TO TRAFFIC ON EACH SIDE OF THE SAME INTERSECTION.

STAGE	MAJOR CONSTRUCTION ITEMS	HANDLING OF TRAFFIC	REMARKS
1A	Construct NW quadrant Main St. Intersection. Install underground utilities from Main St. to Market St.	2-way, 2-lane traffic on existing NB Main St. Waterman closed from Main St. to Broadway Ave. Maintain minimum 1-lane NB traffic on Market St. at all times.	Waterman St. to remain open to 2-way, 2-lane traffic west of Main St.
1B	Construct SW quadrant Main St. Intersection.	2-way, 2-lane traffic on existing NB Main St. Waterman closed from Main St. to Broadway Ave. Maintain minimum 1-lane NB traffic on Market St. at all times.	Waterman St. to remain open to 2-way, 2-lane traffic west of Main St.
1C	Construct East half of Main St. Intersection.	2-way, 2-lane traffic on new SB Main St. Waterman closed from Main St. to Broadway Ave. Maintain minimum 1-lane NB traffic on Market St. at all times.	Waterman St. to remain open to 2-way, 2-lane traffic west of Main St.
2	Construct fullwidth of Waterman St. from Main St. to Market St. Install underground utilities from Market St. to Broadway Ave. Construct west half of Market St. Intersection.	2-way, 4-lane traffic on Main St. Waterman St. closed from Main St. to Topeka St. Maintain minimum 1-lane NB traffic on Market St. at all times. Maintain minimum 2-way, 2-lane traffic on Broadway St.	The Contractor shall coordinate crossing the existing duct bank at Sta. 105+60 with AT&T. Provide at least two weeks notice. The Contractor will be allowed to close Broadway Ave. to thru traffic while completing utility work thru the intersection. At such time, the Contractor shall focus efforts towards completing the work in a timely manner to minimize closure time of Broadway Ave.
3	Construct east half of Market St. Intersection. Construct fullwidth Waterman St. from Market St. to Broadway Ave. Install underground utilities from Broadway Ave. to Topeka St. Construct west half of Broadway Ave. Intersection.	2-way, 3-lane (1EB, 2 WB) traffic on Waterman St. from Main St. to Market St. Waterman St. closed from Market St. to Emporia St. Maintain minimum 1-lane NB traffic on Market St. at all times. Maintain minimum 2-way, 2-lane traffic on Broadway Ave. Maintain minimum 1-lane SB traffic on Topeka St. at all times.	The Contractor shall provide access to Rainbows United (340 S. Broadway Ave.) at all times, either from alley left of Sta. 109+42 or the entrance right of Broadway Ave. Sta. 400+67.
4	Construct east half of Broadway Ave. Intersection. Construct fullwidth Waterman St. from Broadway Ave. to Topeka St. Install underground utilities from Topeka St. to Emporia St. Construct west half of Topeka St. Intersection.	2-way, 4-lane traffic on Waterman St. from Main St. to Broadway Ave. Waterman St. closed from Broadway Ave. to St. Francis St. 1-way, 4-lane NB traffic on Market St. Maintain minimum 2-way, 2-lane traffic on Broadway Ave. Maintain minimum 1-lane SB traffic on Topeka St. at all times. Maintain minimum 1-lane NB traffic on Emporia St. at all times.	The Contractor shall coordinate crossing the existing duct bank at Sta. 111+52 with AT&T. Provide at least two weeks notice.
5	Construct east half of Topeka St. Intersection. Construct fullwidth Waterman St. from Topeka St. to Emporia St. Install underground utilities from Emporia St. to St. Francis St. Construct west half of Emporia St. Intersection.	2-way, 3-lane (1EB, 2 WB) traffic on Waterman St. from Broadway Ave. to Topeka St. Waterman St. closed from Topeka St. to west side of Commerce St. 2-way, 4-lane traffic on Broadway Ave. Maintain minimum 1-lane SB traffic on Topeka St. at all times. Maintain minimum 1-lane NB traffic on Emporia St. at all times. St. Francis St. Intersection closed to thru traffic.	The Contractor shall install and maintain all traffic control devices necessary to temporarily convert St. Francis St. to minimum 2-way, 2-lane traffic from Waterman St. to Lewis St. until such time that Waterman St. is re-opened to 2-way traffic between Emporia St. and St. Francis St.
6	Construct east half of Emporia St. Intersection. Construct fullwidth Waterman St. from Emporia St. to east side of Commerce St. Install underground utilities from St. Francis St. to Sta. 126+00.	2-way, 3-lane (1EB, 2 WB) traffic on Waterman St. from Topeka St. to Emporia St. Waterman St. closed from Emporia St. to Sta. 126+50. 1-way, 3-lane SB traffic on Topeka St. Maintain minimum 1-lane NB traffic on Emporia St. at all times. St. Francis St. Intersection closed to thru traffic. Commerce St. Intersection closed to thru traffic.	The Contractor shall focus efforts towards completing all work necessary to minimize closure time of Waterman St. between Emporia St. and Commerce St.
7	Install underground utilities from Sta. 126+00 to Sta. 132+48. Construct fullwidth Waterman St. from Commerce St. to Sta. 132+48.	2-way, 4-lane traffic on Waterman St. from Main St. to Emporia St. 2-way, 3-lane (1EB, 2WB) traffic on Waterman St. from Emporia St. to Commerce St. Waterman St. closed from Commerce St. to Washington St. 1-way, 3-lane NB traffic on Emporia St. Rock Island St. Intersection closed to thru traffic.	The Contractor shall focus efforts towards completing all work necessary to minimize closure time of Waterman St. between Commerce St. and Rock Island St. The BNSF will be responsible for removal and replacement of the rails, ties, and ballast rock of the at-grade railroad crossing at Sta. 130+71. The Contractor shall coordinate these efforts with the BNSF. Provide at least two weeks notice.
8	Construct bituminous surface course on Waterman St. and side roads. Complete final pavement marking and other miscellaneous items. Complete remaining sidewalk panels at power pole removal locations.	Temporary lane closures will be permitted during daylight hours.	Westar Energy will be responsible for removal of existing power poles along south side of Waterman St. The Contractor shall coordinate these efforts with Westar Energy prior to surfacing of Waterman St. All traffic control shall be in accordance with the M.U.T.C.D., latest edition.

DSNR: MJW OPER: DRP SCALE: 1/2006/06237/TRAFFIC/06237-000-TRAFFIC CONTROL SEQUENCE LAST REV: 2-24-2007 BY: DRP

Revision		By	Date
WATERMAN STREET TRAFFIC HANDLING AND CONSTRUCTION SEQUENCE JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84167			
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