

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	237	534

CONSTRUCTION SEQUENCE PHASE I (CONTINUED)

SUB PHASE		CONSTRUCTION	TRAFFIC	REMARKS
F	Side Road Bridges and Drainage Structures	<ol style="list-style-type: none"> <li>143rd Street Bridge at Sta. 56+50.56, 21.00' Lt. over Spring Branch Tributary No. 4, and temporary pavement to maintain traffic.</li> <li>143rd Street Bridge at Sta. 56+50.56, 5.00' Rt. over Spring Branch Tributary No. 4.</li> <li>All other drainage structures necessary to begin side road construction.</li> </ol>	Traffic to be carried on existing roadways as much as possible. At 143rd Street, construct the east bridge (22' Lt.) first. Construct temporary pavement and shift 2-way traffic onto the new bridge, then construct the west bridge (5' Rt.).	
G	Retaining Walls	<ol style="list-style-type: none"> <li>Soil Nail Retaining Wall A.</li> <li>T-Type Retaining Wall J.</li> </ol>	Traffic to be carried on existing roadways.	

CONSTRUCTION SEQUENCE PHASE 2

SUB PHASE		CONSTRUCTION	TRAFFIC	REMARKS
A	North end of RCB Sta. 746+72.83 at Green Valley Tributary, plus parts of 159th Street, North Frontage Road and Ramp Y	<ol style="list-style-type: none"> <li>Between Stations 739+00 and 757+50, remove temporary median barrier and shift WB Kellogg traffic south onto the temporarily paved median and 1 lane of existing WB Kellogg.</li> <li>From Sta. 743+50 to Sta. 752+20, remove the north lane of existing WB Kellogg, and concurrently reinstall temporary barrier along the north side.</li> <li>Construct the north end of RCB Sta. 746+72.83 at Green Valley Tributary, east of 159th Street.</li> <li>Temporarily widen 159th Street north of Kellogg to the west and shift 2-way 159th Street traffic onto it.</li> <li>Construct the NB lanes 159th Street north of Kellogg and shift 2-way 159th Street traffic onto it.</li> <li>Construct at least 2 through lanes of North Frontage Road east of 159th Street, plus a right turn lane at 159th Street (See Remarks at right).               <ol style="list-style-type: none"> <li>Temporarily omit southern lanes of North Frontage Road at 159th Street as needed to permit bridge construction in Phase 4 (see Remarks at right).</li> </ol> </li> <li>Construct Ramp Y, and temporarily stripe for 2 lanes of WB traffic.</li> <li>Construct the 2 northern lanes of WB Kellogg from Sta. 743+50 to Sta. 748+20, and the transition to existing Kellogg Sta. 752+20. Construct the transition pavement sequentially to maintain traffic.</li> </ol>	<p>EB Kellogg traffic east of 159th Street continues on 2 new EB lanes. South 143rd Street traffic continues 2-way on temporary pavement. South 159th Street traffic continues 2-way on newly constructed NB lanes.</p> <p>WB Kellogg traffic east of 159th Street is shifted to the temporarily paved median and the inside lane of existing WB Kellogg.</p> <p>2-way traffic on 159th Street north of Kellogg is shifted west to temporary pavement. After constructing the NB lanes of 159th Street north of Kellogg, shift 2-way traffic onto them.</p> <p>All other traffic to be carried on existing roadways.</p>	<p>For North Frontage Road and South Frontage Road, construct at least two through lanes each, except at the approaches to 143rd Street and 159th Street, provide an additional outside lane for right turns and temporarily omit inside lanes for bridge construction. Also construct all side roads, entrances and sidewalks north of North Frontage Road and south of South Frontage Road.</p> <p>Under this sequencing plan, the last portion of frontage road constructed in Phase 2 is the North Frontage Road from the bridge 74.00' Lt. of Sta. 659+92.76 (CD Road over Spring Branch Tributary No. 4) to 143rd Street. This is so the storm water sedimentation basin on the north side of this zone remains representative of the project.</p> <p>127th Street connection to Kellogg must be maintained until it is time to open the new South Frontage Road on this project. When South Frontage Road is opened to traffic, the temporary connection of 127th Street to Kellogg must be eliminated, and the intersection of South Frontage Road and 127th street can be completed.</p>
B	South Frontage Road Sta. 1616+35 to Sta. 1668+50 and Sta. 1704+00 to 159th Street, part of Ramp S, 127th Street, and complete south 159th Street	<ol style="list-style-type: none"> <li>Construct South Frontage Road from Sta. 1616+35 to Sta. 1668+50.               <ol style="list-style-type: none"> <li>Construct temporary pavement and the 127th Street crossing in 2 steps while maintaining 2-way traffic on 127th Street</li> </ol> </li> <li>Construct Ramp S from Sta. 10646+16.49 to 10658+50.81, including portions of Ramp R.</li> <li>At South Frontage Road Sta. 1665+00, construct a temporary 2-lane EB ramp from South Frontage Road, crossing existing EB Kellogg to existing WB Kellogg.</li> <li>Construct South Frontage Road from Sta. 1704+00 to 159th Street (see Remarks at right).</li> <li>Construct the SB lanes of 159th Street south of Kellogg.</li> <li>At South Frontage Road Sta. 1704+00, construct a temporary 2-lane EB ramp from existing WB Kellogg, crossing existing EB Kellogg to South Frontage Road.</li> <li>Construct the improvements at the intersection of Lakeview Drive and Stagecoach, south of South Frontage Road Sta. 1696+00. Utilize temporary surfacing material to maintain 2-way traffic during construction.</li> </ol>	<p>EB Kellogg traffic east of 159th Street continues on 2 new EB lanes. WB Kellogg traffic east of 159th Street continues on the temporarily paved median and the inside lane of existing WB Kellogg. South 143rd Street traffic continues 2-way on temporary pavement. 159th Street traffic continues 2-way on newly constructed NB lanes.</p> <p>Construct South Frontage Road crossing of 127th Street in 2 steps to maintain 2-way north/south traffic. Maintain the 127th Street connection to existing Kellogg until it is time to open the new South Frontage Road.</p> <p>On completion of 159th Street south of Kellogg, release traffic onto it.</p> <p>All other traffic to be carried on existing roadways.</p>	<p>This sequencing plan requires considerable temporary paving for the construction of 143rd Street and 159th Street. The final design may include a thinner temporary paving section than for mainline Kellogg traffic. Also, where geometrics permit, the final design may include construction of permanent roadway base to temporarily carry traffic, in lieu of temporary paving.</p>

CITY OF WICHITA  
EAST KELLOGG  
CONSTRUCTION SEQUENCE  
PHASE I (CONTINUED) & PHASE 2

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 2/20/2011  
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 SURV. - PLOT CADD DES. - DR. - TR. - APP. - CKD.