FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0212-01	2002	2	59

1. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

2. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCED NOTICE TO ALL UTILITY OWNERS PRIOR TO WORK IN AN AREA WHERE EXISTING UTILITIES WILL BE UNCOVERED TO ALLOW THE UTILITY OWNER TO INSPECT THE UNCOVERING OF THEIR UTILITY. ANY UTILITY CARELESSLY DAMAGED BY THE CONSTRUCTION OPERATION SHALL BE REPAIRED OR REPLACED AT NO EXTRA COST TO THE CITY. THE CONTRACTOR SHALL COORDINATE WITH CONTRACTORS FOR UTILITY COMPANIES AND OTHER AGENCIES FOR MINIMUM INCONVENIENCE TO THE GENERAL PUBLIC.

3. CONTRACTOR SHALL AVOID UNCOVERING THE EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF THE ENGINEER.

4. A SAW CUT OF FULL DEPTH OF EXISTING SURFACE COURSES SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAWED JOINTS TO FACILITATE REMOVAL WITHIN ONE (1) METER OF EXISTING JOINT WILL NOT BE PERMITTED AND FOR SUCH INSTANCES, THE LIMITS OF REMOVAL SHALL EXTEND TO EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO ROCK EXCAVATION.

5. RUBBLE RESULTING 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, LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

6. 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.

7. ALL EXISTING SIGNS AFFECTED BY THE PROPOSED CONSTRUCTION SHALL BE CAREFULLY REMOVED AND RESET BY THE CONTRACTOR UPON SUBSTANTIAL COMPLETION OF THE PROJECT.

8. BRICK CROSSWALKS SHALL BE INSTALLED IN A "BASKET-WEAVE" PATTERN WITH CHARCOAL AND RED PAVERS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY SHOWN PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAW. THIS WORK SHALL BE SUBSIDIARY TO OTHER ITEMS IN CONTRACT.

10. ALL SALVAGEABLE TRAFFIC SIGNALS AND APPURTENANCES, DRAINAGE PIPES, MANHOLE RINGS AND COVERS, INLET GRATES AND TRAFFIC SIGNS SHALL BE CAREFULLY REMOVED AND STOCKPILED AT LOCATIONS WITHIN THE RIGHT-OF-WAY, AS DIRECTED BY THE ENGINEER FOR REMOVAL BY CITY PERSONNEL. CONTRACTOR SHALL NOTIFY CITY WITHIN 24 HOURS.

11. AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING CONSTRUCTION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, TO REQUEST THE LOCATION OF ANY EXISTING UTILITY LINES.

12. PROPERTIES THAT HAVE UNDERGROUND SPRINKLER SYSTEMS IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL HAVE THE SPRINKLER SYSTEM REPLACED BY THE CONTRCTOR UPON COMPLETION OF THE PROJECT (IN AREAS WHERE REPLACEMENT IS POSSIBLE). WHERE REPLACEMENT IS NOT NECESSARY, THE EXISTING SPRINKLER SYSTEM SHALL BE CUT AND CAPPED. REPLACEMENT OF THE SPRINKLER SYSTEM SHALL BE PAID FOR AS "RELOCATE/RECONSTRUCT PRIVATE SPRINKLER SYSTEMS" (NON-PARTICIPATING).

13. IN ACCORDANCE WITH OVERHEAD POWER LINE PREVENTION ACT, THE CONTRACTOR SHALL NOTIFY KG&E TO ARRANGE FOR APPROPRIATE SAFETY PRECAUTIONS BEFORE WORKING WITHIN ONE (1) METER OF AN OVERHEAD HIGH VOLTAGE LINE.

14. CONSTRUCTION STAKING WILL BE PERFORMED BY THE CITY OF WICHITA. THE CONTRACTOR SHALL COORDINATE THE SURVEY STAKING WITH THE PUBLIC WORKS DEPARTMENT AND GIVE THE SURVEYOR A MINIMUM OF 24 HOURS ADVANCE NOTICE WHEN STAKES ARE NEEDED.

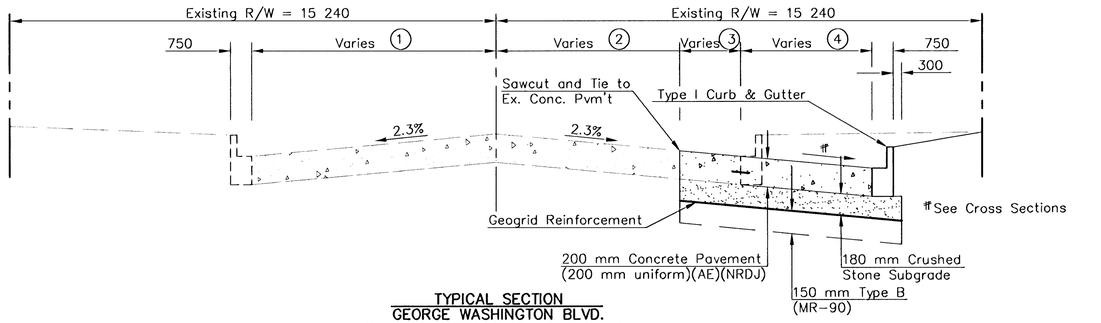
15. ALL TREES, HEDGE ROWS, SHELTERBELTS, AND WOODY SHRUBS NOT SHOWN TO BE REMOVED AND LOCATED BETWEEN THE CONSTRUCTION LIMITS AND THE RIGHT-OF-WAY LINE OR EASEMENT LINE SHALL BE SPARED UNLESS DIRECTED BY THE ENGINEER TO BE REMOVED. ALL TREES WITHIN THE APPROPRIATE CLEAR ZONE SHALL BE REMOVED.

16. ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO MAKE CONNECTIONS TO EXISTING PIPE OR EXISTING SMALL STRUCTURES SHALL NOT BE PAID FOR DIRECTLY; BUT SHALL BE SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.

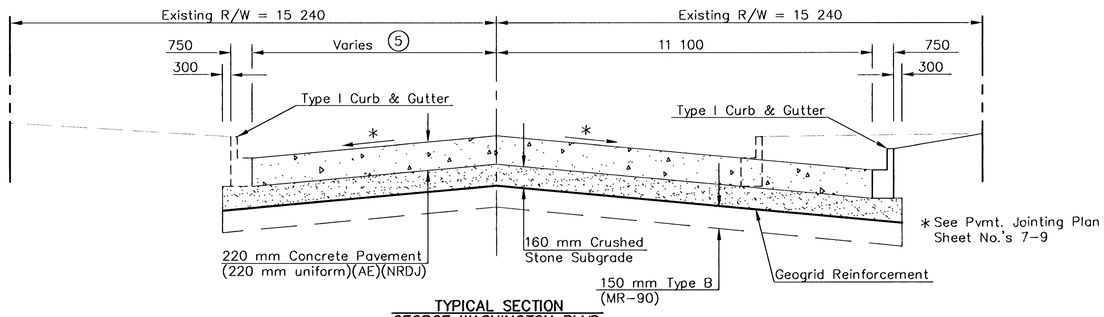
17. CITY OF WICHITA HAS RIGHT OF ENTRY TO ALL PROPERTIES.

KANSAS ONE-CALL 800-344-7233 OR 316-687-2470 (LOCAL WICHITA)
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

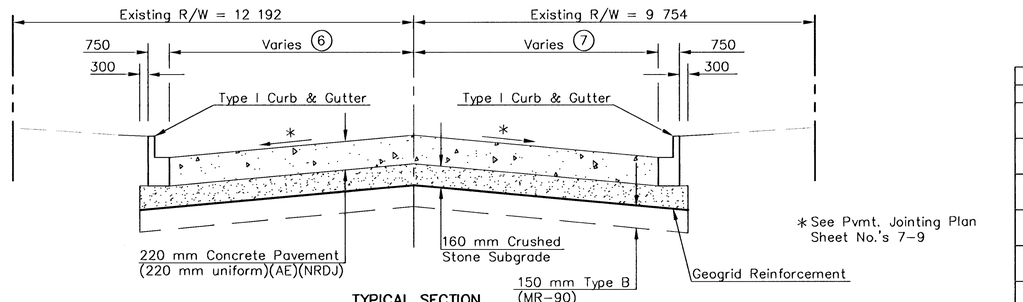
COX COMMUNICATIONS	316-262-4270
KANSAS GAS SERVICE	316-832-3169
KANSAS GAS AND ELECTRIC	316-264-6734
SOUTHWESTERN BELL TELEPHONE CO.	316-268-2222
CITY OF WICHITA WATER MAINTENANCE	316-268-4555
CITY OF WICHITA SEWER MAINTENANCE	316-268-4071
KANSAS ONE-CALL	800-344-7233
DIG SAFE	316-687-2470



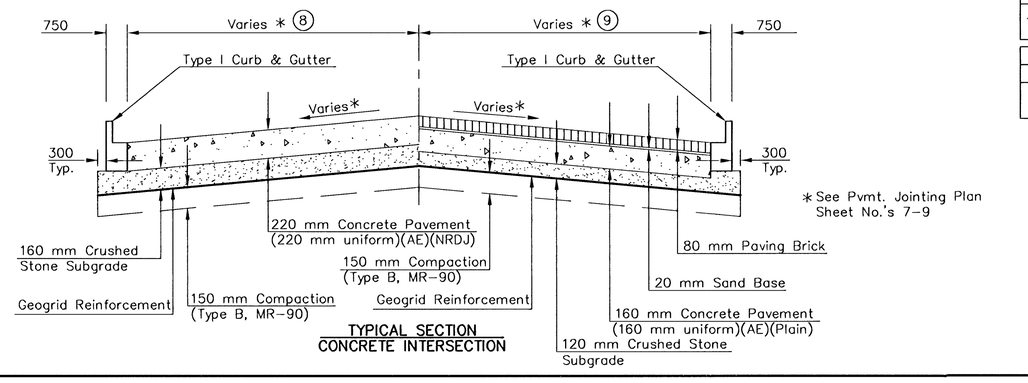
TYPICAL SECTION
GEORGE WASHINGTON BLVD.
STA. 9+854.908 TO STA. 9+970.418
STA. 10+030.040 TO STA. 10+138.491



TYPICAL SECTION
GEORGE WASHINGTON BLVD.
STA. 9+970.418 TO STA. 9+971.853
STA. 10+029.051 TO STA. 10+030.040



TYPICAL SECTION
MT. VERNON ROAD
STA. 49+968.286 TO STA. 49+968.919
STA. 50+029.692



TYPICAL SECTION
CONCRETE INTERSECTION

TYPICAL SECTION BREAKDOWN OF WIDENING AND RECONSTRUCTION:

GEORGE WASHINGTON BLVD.

(1) 7.395 m FROM STA. 9+854.908 TO STA. 9+970.418
7.360 m FROM STA. 10+030.040 TO STA. 10+138.491

(2) 7.285 m FROM STA. 9+854.908 TO STA. 9+970.418
7.363 m FROM STA. 10+030.040 TO STA. 10+138.491

(3) VARIES FROM 0.600 m @ STA. 9+854.908 TO 0.000 m @ STA. 9+867.910
0.000 m FROM STA. 9+867.910 TO STA. 9+970.418
0.000 m FROM STA. 10+030.040 TO STA. 10+128.719
VARIES FROM 0.000 m @ STA. 10+128.719 TO 0.600 m @ STA. 10+138.491

(4) 0.000 m FROM STA. 9+854.908 TO STA. 9+867.910
VARIES FROM 0.000 m @ STA. 9+867.910 TO 3.815 m @ STA. 9+954.826
3.815 m FROM STA. 9+954.826 TO STA. 9+970.418
3.737 m FROM STA. 10+030.040 TO STA. 10+043.959
VARIES FROM 11.100 m @ STA. 10+043.959 TO 0.000 m @ STA 10+128.719
0.000 m FROM STA. 10+128.719 TO STA. 10+138.491

(5) 7.285 m FROM STA. 9+970.418 TO STA. 9+971.853
7.363 m FROM STA. 10+029.051 TO STA. 10+030.040

MOUNT VERNON ROAD

(6) 6.088 m FROM STA. 49+968.286 TO STA. 49+968.919
6.201 m @ STA. 50+029.692

(7) 6.132 m FROM STA. 49+968.286 TO STA. 49+968.919
6.168 m @ STA. 50+029.692

GEORGE WASHINGTON BLVD. - INTERSECTION

(8) CONCRETE: STA. 9+971.853 TO STA. 9+984.491
STA. 9+987.199 TO STA. 10+009.993
STA. 10+012.990 TO STA. 10+029.051

(9) BRICK: STA. 9+984.491 TO STA. 9+987.199
STA. 10+009.993 TO STA. 10+012.990

MOUNT VERNON ROAD - INTERSECTION

(8) CONCRETE: STA. 49+968.286 TO STA. 49+977.650
STA. 49+980.516 TO STA. 50+013.883
STA. 50+017.113 TO STA. 50+029.692

(9) BRICK: STA. 49+977.650 TO STA. 49+980.516
STA. 50+013.883 TO STA. 50+017.113

DRIVE ENTRANCE SCHEDULE - GEORGE WASHINGTON BOULEVARD

STATION	SIDE	TYPE	W	P	RADIUS	DELTA	AREA (S.M.)
9+865.032	RT.	FULL RADIUS	5.280	6.712	5.000	87°52'52" N	46.205
					5.000	92°07'08" S	
9+887.903	RT.	FULL RADIUS	5.302	7.097	5.000	115°58'35" N	46.738
					5.000	82°46'55" S	
9+909.762	RT.	FULL RADIUS	3.821	8.149	5.000	122°18'17" N	46.756
					5.000	62°49'49" S	
9+933.975	RT.	FULL RADIUS	3.659	6.705	5.000	110°42'40" N	39.410
					5.000	66°14'06" S	
9+960.360	RT.	FULL RADIUS	3.951	7.166	5.000	113°57'10" N	46.256
					5.000	60°42'41" S	
10+069.399	RT.	FULL RADIUS	5.327	7.968	5.000	49°08'09" N	67.796
					5.000	127°44'38" S	
10+103.765	RT.	FULL RADIUS	3.913	5.603	5.000	90°00'00" N	32.627
					5.000	90°00'00" S	
10+130.825	RT.	FULL RADIUS	4.197	6.721	5.000	92°07'08" N	39.007
					5.000	86°48'09" S	

DRIVE ENTRANCE SCHEDULE - MOUNT VERNON ROAD

STATION	SIDE	TYPE	W	P	AREA (S.M.)
50+016.063	RT.	FULL RAMP	5.200	4.000	23.139

GENERAL NOTES & TYPICAL SECTIONS

KAW VALLEY ENGINEERING
ENGINEERS AND LAND SURVEYORS
2319 NORTH JACKSON
P.O. BOX 1304
JUNCTION CITY, KANSAS 66441
(785)762-5040 FAX (785)762-7744
E-MAIL jc@kveng.com

PROJ. NO.	A02232
DATE	4-25-02
DESIGNER	CDM
DRAWN BY	JT
CHECKED BY	
CFN	2232TYP
SHEET	2 OF 59