FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87TE-0115-01	1997	2	49

BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

HORIZONTAL CONTROL POINTS

NO.	DESCRIPTION	N. ORDINATE	E. ORDINATE	REMARKS
1	THIMBLE	6096.0000	6096.0000	S.W. COR. NW/4 SEC. 2-27S-1E
2	THIMBLE	6931.9296	6096.0244	N.W. COR. NW/4 SEC. 2-27S-1E
4	THIMBLE	7746.3660	6075.0824	N.W. COR. SW/4 SEC. 35-26S-1E
5	X CUT	6510.9778	5305.5658	S.W. COR. LOT 1, BLK. A, CHISHOLM TERRACE ADD.
6	1/2" REBAR	6515.6043	5683.9872	S.E. COR. LOT 12, BLK. D, CONQUEST NORTH ADD.
7	BPIN	6659.1677	5683.8489	N.E. COR. LOT 1, BLK. D, CONQUEST NORTH ADD.
10	3/4" IRON PIPE	6114.658	6909.264	CENTER SEC. 2-27S-1E
11	MKE	7765.55	7702.597	N.E. COR. SE/4 SEC. 35-26S-1E
12	3/4" IRON PIPE	7756.0097	6887.9484	CENTER SEC. 35-26S-1E
13	THIMBLE	6954.7917	7711.9722	N.E. COR. NE/4 SEC. 2-27S-1E
14	5/8" RB IN CONC	6943.3325	6903.9411	N.W. COR. NE/4 SEC. 2-27S-1E
15	+ CUT IN STONE	7348.3810	6896.9688	EAST 1/16TH COR. SW/4 SEC. 35-26S-1E
50	1/2" REBAR	6766.3865	6075.8149	SURVEY STATION
51	1/2" REBAR	6771.3312	6160.0291	SURVEY STATION
52	1/2" REBAR	6854.0509	6336.1319	SURVEY STATION
53	1/2" REBAR	6892.8913	6880.5754	SURVEY STATION
54	1/2" REBAR	6774.5049	6912.4009	SURVEY STATION
55	1/2" REBAR	6743.6634	7135.5697	SURVEY STATION
56	1/2" REBAR	6769.672	7156.9402	SURVEY STATION
57	1/2" REBAR	6791.6168	7208.0134	SURVEY STATION
58	NAIL	6811.4721	7124.4228	SURVEY STATION
59	NAIL	6869.9728	7182.1114	SURVEY STATION
60	PK NAIL	6875.9601	7310.4857	SURVEY STATION
61	1/2" REBAR	6902.6093	7340.1628	SURVEY STATION
62	1/2" REBAR	6964.095	7366.4665	SURVEY STATION
63	1/2" REBAR	6980.756	7394.656	SURVEY STATION
64	1/2" REBAR	6992.9715	7430.0545	SURVEY STATION
65	1/2" REBAR	6999.5367	7477.1691	SURVEY STATION
66	+ CUT	7123.1356	7699.1844	SURVEY STATION
67	+ CUT	6965.6618	7696.8326	SURVEY STATION
74	1/2" REBAR	6774.3803	6912.408	SURVEY STATION
80	1/2" REBAR	7671.4320	7008.7312	SURVEY STATION
81	1/2" REBAR	7803.7478	7320.6483	SURVEY STATION
90	1/2" REBAR	6741.6934	7125.9125	SURVEY STATION
91	1/2" REBAR	6964.4923	7366.2029	SURVEY STATION
92	1/2" REBAR	6969.8957	7394.1348	SURVEY STATION
500	1/2" REBAR	7690.6906	5814.484	SURVEY STATION
600	1/2" REBAR	6638.5154	5268.5597	SURVEY STATION
601	1/2" REBAR	6757.2900	5213.1198	SURVEY STATION
602	1/2" REBAR	6741.3966	5318.1434	SURVEY STATION
603	1/2" REBAR	6825.6517	5381.5403	SURVEY STATION
4247	SM KGE	6739.3798	6156.9101	S.E. COR. ELECTRIC SUBSTATION
4248	SM KGE	6769.7859	6156.9997	N.E. COR. ELECTRIC SUBSTATION
4508	3/4" IRON PIPE	6833.4879	6895.2049	N.E. COR. UNPLATTED C-31419
4523	3/4" IRON PIPE	6718.0336	7138.4590	N.E. COR. LOT 9, BLK. 8, CHISHOLM PARK ESTATES
4737	3/4" IRON PIPE	6788.1637	7219.1678	N.W. COR. LOT 1, BLK. 4, CHISHOLM PARK ESTATES
4751	1/2" REBAR	6799.5779	7204.8796	S.E. COR. LOT 1, BLK. 9, CHISHOLM PARK ESTATES
4764	1/2" IRON PIPE	6802.3377	7230.6717	N.W. COR. LOT 5, BLK. 3, CHISHOLM PARK ESTATES
4913	1/2" IRON PIPE	6891.5080	7354.7207	N.W. COR. LOT 32, BLK. 8, GREENBRIAR MANOR
5228	3/4" IRON PIPE	6951.3612	7454.3609	N.W. COR. LOT, BLK. 10, GREENBRIAR MANOR

BENCHMARKS:

PNT. # 1001, N 6499.8140 E 5283.7847
C.O.W. DISK @ N.W COR. INTERSECTION OF GROVE & 27TH ST. NORTH, 8.626 m S.W. OF S.W. CORNER OF CONCRETE VAULT FOR WATER METER AND 9.499 m WEST OF CENTER LINE OF GROVE.
ELEV. 409.264

PNT. # 1004, N 6809.4949 E 6088.5297
C.O.W. DISK @ HILLSIDE AND 29TH ST. NORTH. S.W. CORNER OF RCB ON THE TOP, SOUTH END OF THE HUBGUARD 122.389 m S.W. OF THE SECTION CORNER.
ELEV. 409.413

PNT. # 5350, N 7195.2573 E 7718.2506
C.O.W. DISK 91.440 m± SOUTH OF NORWOOD ALONG OLIVER ON THE N.E. CORNER OF RCBC.
ELEV. 410.931

GENERAL NOTES:

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN DRAWN FROM AVAILABLE RECORDS. THEREFORE, THE RELATIONSHIP BETWEEN PROPOSED WORK AND EXISTING FACILITIES, STRUCTURES AND UTILITIES MUST BE CONSIDERED APPROXIMATE AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXACT LOCATION AND THE EXISTENCE OF ANY NOT SHOWN BY CONTACTING KANSAS ONE-CALL CENTER AT (316) 687-2470 A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF DIGGING OPERATIONS.

2. CONTRACTOR IS TO PROVIDE A STORMWATER POLLUTION PREVENTION PLAN AS REQUIRED BY K.D.H.E., PRIOR TO ANY DISTURBANCE OF THE PROJECT AREA.

3. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN FOR WORK AREAS WITHIN PUBLIC STREET R/W, PRIOR TO ANY CONSTRUCTION OR TRAFFIC INTERRUPTION IN THOSE AREAS.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY IRRIGATION EQUIPMENT THAT IS DAMAGED DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR PRE-EXISTING DAMAGES AND SHALL NOTIFY CITY STAFF AND PROPERTY OWNER OF THOSE DAMAGES PRIOR TO COMMENCING CONSTRUCTION.

5. THE CONTRACTOR SHALL RESTORE TO THE ORIGINAL OR BETTER CONDITION, ADJACENT (OFF-SITE) PROPERTY DISTURBED BY CONSTRUCTION OF THIS PROJECT.

6. TURF SEED USED IN THE RESTORATION OF TURF AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BLEND WITH EXISTING GRASS COVER. CONTRACTOR SHALL PREPARE SEEDING AREA BEFORE PLANTING BY FILLING RUTS, SINK HOLES, INDENTIONS, ETC. WITH TOPSOIL, THEN LEVELING AREA WITH A LANDSCAPE BOX. AREA SHALL BE SEEDED AT RATE SPECIFIED BY SEED SUPPLIER, LIGHTLY RAKED OR DRAGGED. STRAW MULCH SHALL BE APPLIED TO SLOPES 1:10 OR STEEPER.

7. SODDED AREAS SHALL BE LAID IN SUCH A WAY TO FORM A SOLID MASS WITH TIGHT FITTED JOINTS. BUTT ENDS AND SIDES OF SOD; DO NOT STRETCH OR OVERLAP. STAGGER SOD STRIPS OR PADS TO OFFSET JOINTS IN ADJACENT COURSES. TAMP OR ROLL LIGHTLY TO ENSURE CONTACT WITH SUBGRADE, ELIMINATE AIR POCKETS, AND FORM A SMOOTH SURFACE. ANCHOR SOD ON SLOPES WITH WOOD PEGS, A MINIMUM OF TWO (2) PEGS PER STRIP.

8. CONTRACTOR SHALL VERIFY CONDITION OF EXISTING SIDEWALKS DESIGNATED TO REMAIN, AND REPORT ANY EXISTING DAMAGE TO ENGINEER PRIOR TO COMMENCING CONSTRUCTION OPERATIONS. DAMAGED SECTIONS OF SIDEWALKS DESIGNATED TO REMAIN ARE TO BE REPLACED BY CONTRACTOR WITH APPROVAL OF ENGINEER. COST OF ADDITIONAL SIDEWALK REPLACEMENT DUE TO EXISTING DAMAGES NOT NOTED ON PLANS MAY BE COVERED BY APPROVED CHANGE ORDER.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL UTILITIES, PAVING, SIDEWALKS, WALLS, AND SIGNS, ETC., DAMAGED BY CONSTRUCTION OPERATIONS AT NO COST TO THE PROJECT.

10. CONTRACTOR SHALL CLEAN SURFACE OF SIDEWALKS DESIGNATED TO REMAIN OF EXISTING PAINT, TAR, SOIL, DEBRIS, ETC. BEFORE INSTALLATION OF ADJACENT BIKE PATH PAVEMENT. WEEDS AND GRASSES ARE TO BE REMOVED FROM EXISTING SIDEWALK JOINTS AND DAMAGED EXPANSION JOINT MATERIALS SHALL BE REPLACED.

11. FILL MATERIAL IS TO BE PLACED IN LAYERS SIX TO EIGHT INCHES THICK, THOROUGHLY COMPACTED TO A MINIMUM OF 90% OF DRY DENSITY AT OPTIMUM MOISTURE CONTENT.

12. 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.

13. 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 PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED OF ENGINEERS CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

14. THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PIPELINES.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

16. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

17. EXCAVATION, FILL, COMPACTION AND GRADING OF SUBGRADE AND FINISH GRADE TO BE INCIDENTAL TO PAVEMENT BID ITEMS.

GENERAL NOTES
K96 BIKEPATH - GROVE PARK TO OLIVER

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ENGINEERING & SURVEYING

REVISED July 29, 2002

PROJECT NUMBER 472-82850

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
JTS	TCR		June 27, 2001		1554T

SHEET NO. general notes 2
TOTAL SHEETS 49