



GENERAL NOTES

- ALL ELEVATIONS SHOWN ARE CITY DATUM.
- AT LEAST 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA.
- THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
 MULTIMEDIA CABLEVISION 262-0681 OR 262-4270
 KGE - GAS DIVISION 832-3169 OR 832-3169
 KGE - ELECTRICAL DIVISION 284-1141
 PEOPLES NATURAL GAS 948-0098
 KANE PIPE LINE COMPANY 262-1408
 SOUTHWESTERN BELL TELEPHONE COMPANY (800)-734-7590
 CITY OF WICHITA WATER DEPARTMENT 268-4908
 CITY OF WICHITA SEWER DEPARTMENT 268-4908
- THE CONTRACTOR IS TO VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR SHALL SALVAGE AND STOCKPILE ALL PUBLIC UTILITY MATERIALS REMOVED DURING CONSTRUCTION. CITY OF WICHITA WATER AND SEWER DEPARTMENT MAINTENANCE CREWS WILL BE RESPONSIBLE FOR TRANSPORTING MATERIALS TO CITY MAINTENANCE YARD.
- POSITIVE DRAINAGE SHALL BE PROVIDED FOR ALL AREAS ON OR NEAR SPOIL AREAS. NATURAL DRAINAGE WAYS SHALL BE MAINTAINED.
- ANY EXCESS EXCAVATION WHICH IS TO BE WASTED, SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION, AND SHALL BE DISPOSED OF IN ACCORDANCE WITH THE PROVISIONS OF THE KANSAS SOLID WASTE MANAGEMENT STATUTES AND REGULATIONS (KSA 85-3401, KAR 28-29-1 ET SEQ.)
- THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH THE PROPOSED CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM TRENCHING OPERATIONS AT LEAST 50 FEET AHEAD OF PIPE LAYING. IF ALTERATIONS TO THE STORM WATER LINE ARE REQUIRED BECAUSE OF UTILITY CONFLICTS, THE CONTRACTOR SHALL NOTIFY AND PROVIDE THE ENGINEER WITH THE EXACT LOCATION OF THE CONFLICT SO ANY PLAN MODIFICATIONS MAY BE MADE.
- ALL AREAS DISTURBED BY CONSTRUCTION INCLUDING STAGING AREAS, SHALL BE REPLANTED WITH FESCUE, AT THE FOLLOWING RATES:
 SEED APPLICATION = 8 LB/1,000 SQ. FT.
 80% TALL FESCUE
 10% PERENNIAL RYEGRASS
 10% BLUEGRASS
 FERTILIZER APPLICATION (N-P-K) = 12-24-12
 MULCH = PRAIRIE HAY
 MULCH APPLICATION = 90 LBS/1,000 SQ. FT.

- A SAW CUT THE FULL DEPTH OF THE EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THE SURFACE OR PAVEMENT IS REQUIRED. SAWED JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COSTS.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- LIMITS OF EARTHWORK SHALL MATCH EXISTING GROUND ELEVATIONS AT THE RIGHT-OF-WAY LINE UNLESS OTHERWISE NOTED ON THE PLANS WITH A NEW FINISHED GRADE ELEVATION. WHEN A NEW FINISHED GRADE ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND THE RIGHT-OF-WAY LINE AND THEN SLOPE UP OR DOWN USING PERMISSIBLE SLOPES TO MATCH THE EXISTING GROUND SURFACE.
- UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS AND ECT. 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 AVAILABLE INFORMATION. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLE MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES AND CABLES. ANY UTILITIES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING EXISTING PROPERTY IRONS AND RIGHT-OF-WAY MONUMENTS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS OR RIGHT-OF-WAY MONUMENTS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION, TYPE, SIZE, AND CLASS OF EXISTING STORM WATER LINES PRIOR TO CONSTRUCTION. EXISTING STORM WATER LINE LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL MAKE ADJUSTMENTS AS REQUIRED AND APPROVED BY THE ENGINEER. PROVISIONS FOR AND INSTALLATION OF PIPE ADAPTORS, SHORT SECTIONS OF PIPE, AND COUPLERS SHALL BE SUBSIDIARY TO OTHER PAY ITEMS OF WORK.
- THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK PERFORMED WITHOUT INSPECTION IS SUBJECT TO BE UNCOVERED FOR INSPECTION.

- PROPERTIES WITHIN THE PROJECT LIMITS MAY HAVE UNDERGROUND SPRINKLER SYSTEMS IN PUBLIC RIGHT-OF-WAY WHICH CONFLICT WITH NEW CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO REMOVE SUCH IMPROVEMENTS SHOULD THEY NOT BE REMOVED BY THEIR OWNER AT THE TIME OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SALVAGE ALL SPRINKLER HEADS AND/OR VALVES AND GIVE SUCH MATERIAL TO THEIR OWNER. PORTIONS OF UNDERGROUND SPRINKLER SYSTEMS NOT IN CONFLICT WITH NEW CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND SHALL REMAIN IN PLACE. ALL WORK IN CONNECTION WITH UNDERGROUND SPRINKLER SYSTEMS SHALL BE CONSIDERED AS SUBSIDIARY TO THE CONTRACT PAY ITEMS OF WORK.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.
- INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA AND LOCAL BUSINESS OR RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA ARE TO BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY THE PROJECT SPECIAL PROVISIONS. THE CONTRACTOR SHALL UTILIZE BARRICADES, SIGNS, GUARDS, AND FLAGMEN IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT HE WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARD TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
- THE CONTRACTOR MUST OBTAIN A COPY OF THE APPROVED SEDGWICK COUNTY "UTILITY PERMIT AGREEMENT" FOR "USE OF PUBLIC ROAD RIGHT-OF-WAY" PRIOR TO THE START OF CONSTRUCTION. SEE PROJECT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION. PERMIT WILL BE OBTAINED BY THE CITY.
- MAILBOXES WITH THE ROAD RIGHT OF WAY OF THE PROJECT SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER. MAILBOXES ARE TO BE MAINTAINED IN AN UPRIGHT POSITION AND ACCESSIBLE TO MAIL CARRIER'S CAR DURING CONSTRUCTION. ANY DAMAGE TO BOXES OR SUPPORTS IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE REQUIRED TO MAKE SATISFACTORY PROVISIONS FOR MAIL DELIVERY TO PROPERTIES AFFECTED BY THIS PROJECT DURING CONSTRUCTION.
- ALL FENCE LOCATED WITHIN THE RIGHT-OF-WAY WILL BE REMOVED AND SALVAGED BY THE CONTRACTOR. ALL MATERIALS SHALL BE SALVAGED FOR THE PROPERTY OWNER. FENCE OUTSIDE OF THE RIGHT-OF-WAY WHICH IS REMOVED FOR CONSTRUCTION SHALL BE REPAIRED IN A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL AT NO COST TO THE OWNER, UNLESS OTHERWISE SPECIFIED ON THE PLANS. MATERIALS NOT SALVAGED BY THE PROPERTY OWNER SHALL BE DISPOSED OF BY THE CONTRACTOR.
- CONSTRUCTION OF PAVEMENTS, SUBGRADES, SIDEWALKS, AND STORM SEWERS SHALL BE IN ACCORDANCE WITH THE LATEST REVISIONS TO THE CITY OF WICHITA STANDARD SPECIFICATIONS FOR CONSTRUCTION OF CITY PROJECTS.

PROPERTY CONTROL TIES:

Point No.	Monument	Ties	N. Coord.	E. Coord.
1	1/2" I.P. in thimble= NW Cor. NW 1/4, Sec. 1, T27S, R1E	43.4' NW to nail/washer in anchor pole 50.5' SE to nail/washer in anchor pole 40.8' NE to nail/washer in P.P. 35.1' SSW to 3 nails in 6" Hackberry	5003.8733	2351.8402
2	3/4" I.P. NE Cor., NW 1/4, Sec. 1, T27S, R1E	41.6' NNE to nail/shiner in W. Gate Post (KLEO/KZSN) 30.4' NE to nail/shiner in HLP (1.5' above ground) 74.0' NE to 2" SE corner conc. also ground water MH 48.8' bottom bolt W. gate post (to house)	5000.0000	5000.0000
3	1/2" I.P. in 5" dia thimble NE Cor., NE 1/4, Sec. 1, T27S, R1E	57.9' NW to spike/washer in LP 50.2' ENE to SE corner of south headwall 50.7' ESE to NE corner of north headwall 58.2' SW to spike/washer in guy pole	5000.0428	7648.8573

NOTE: DESIGN BASELINE ESTABLISHED ALONG THE CENTERLINE OF PROPOSED 29TH ST. N. PAVING IMPROVEMENTS.

BENCHMARK LIST

Benchmark	Description	Elev.
BM 1	OLIVER AND 29TH STREET NORTH. COW BENCHMARK. NE CORNER INTERSECTION. 39' NORTH AND 33' EAST OF CENTER LINE BOTH NORTH AND OLIVER.	ELEV. 159.68
BM 3	RAILROAD SPIKE IN SW FACE OF POWER POLE 28.5' NORTH OF 1/18 CORNER, 1/4 MILE EAST OF 29TH STREET NORTH AND OLIVER.	ELEV. 161.18
BM 4	NW CORNER CONCRETE GUTTER ON BEACON HILL ROAD MEDIAN AT 29TH STREET NORTH	ELEV. 162.99
BM 5	BARNES' COTTONWOOD CREEK ADDITION. N RM OF MANHOLE, 35' S AND 3' E OF SW CORNER OF LOT 1.	ELEV. 164.21
BM 6	EDGEWOOD AND 29TH STREET NORTH. COW BENCHMARK. 5.5' EAST AND 37' NORTH OF QUARTER SECTION CORNER.	ELEV. 172.38
BM 7	WOOLAWN AND 29TH STREET NORTH. COW BENCHMARK. R.O.B.C. ON 29TH STREET NORTH, NORTH HURBUARD, EAST END. 100' EAST OF CENTERLINE WOOLAWN. 75' NORTH OF CENTERLINE 29TH STREET NORTH.	ELEV. 174.21

YOUNG & ASSOCIATES, P.A.
 Civil and Environmental Engineers
 100 South Georgia
 Derby Kansas, 67037
 Tel: (316) 788-2862
 Fax: (316) 788-4408

City of Wichita
 Sedgwick County, Kansas

KEY MAP & GENERAL NOTES

29th Street North from Oliver Street to Woodlawn Avenue
 Street, Decel Lane, and Storm Drainage Improvements

Project No. 472-82787 and 472-82355 Engr.: CRY Tech.: DAS, DIM
 Y&A Proj. No.: 96-035-002 Scale: 1"=100'
 Date: April 1999 Sheet No. 2 of 94

FILE: BAKEY.dwg PLOT: 4-8-99 AC:DWG 1:4 SCALE: 1"=100'