

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY THE CONSTRUCTION OPERATION. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON CITY OF WICHITA DATUM. WICHITA DATUM = N.G.V.D. - 1187.4
- UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLES AND LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION, UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITY LOCATIONS, AS SHOWN ON THESE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES, AND IS EITHER FROM CITY PLANS, COMPANY RECORDS, DRAWINGS, OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION. IF ADDITIONAL UTILITY LINES ARE ENCOUNTERED DURING CONSTRUCTION, THEIR OWNERS SHOULD BE IMMEDIATELY ADVISED, SO THAT NECESSARY ADJUSTMENTS OR RELOCATIONS CAN BE MADE. THE CONTRACTOR SHALL LOCATE ALL UTILITY LINES PRIOR TO EXCAVATION.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
 KANSAS ONE-CALL 1-800-344-7233
 OR LOCAL (WICHITA) 687-2470
 THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:
 COX COMMUNICATIONS (CABLE) 262-0661
 WESTAR (ELECTRIC) 261-6512
 KANSAS GAS SERVICE (GAS) 832-3101
 SBC (TELEPHONE) 800-870-8390
 CITY OF WICHITA WATER & SEWER 262-6000
 AQUILA (GAS) 946-0096
- ALL ADJACENT BUILDINGS, STRUCTURES, PARKING LOTS, DRIVES, STREET PAVEMENTS, AND APPURTENANCES OTHER THAN SHOWN ON THESE PLANS FOR REPLACEMENT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ITEMS DAMAGED BEYOND CONSTRUCTION LIMITS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
- PILE DRIVING WILL BE REQUIRED IN THE VICINITY OF OVERHEAD ELECTRIC LINES. THE OVERHEAD ELECTRIC TRANSMISSION LINE WILL REMAIN IN PLACE DURING CONSTRUCTION. CONTACT WESTAR CONCERNING DE-ENERGIZING DURING PILE DRIVING ACTIVITIES.
- THE CONTRACTOR WILL BE REQUIRED TO INSTALL SHEET PILING AROUND THE 10" GAS LINE AND 3" ELECTRICAL CONDUIT SHOWN IN THE PLANS. ACCORDING TO THE BEST INFORMATION AVAILABLE, THE GAS LINE IS BURIED APPROX. 30" DEEP AND THE ELECTRICAL CONDUIT IS BURIED APPROX. 36" DEEP. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADEQUATELY BRACING THE SHORING BELOW EACH UTILITY LINE.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE INSTALLED AND MAINTAINED BY OTHERS.
- PAVEMENT REMOVAL AND REPLACEMENT SHALL BE PROVIDED BY OTHERS.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO A PRESENTABLE MANNER (AS DETERMINED BY THE ENGINEER) PRIOR TO COMPLETION OF EACH PHASE. BACKFILL SHALL BE BROUGHT UP TO THE EXISTING GROUND AND LEVELED OFF. ALL CONSTRUCTION DEBRIS AND EQUIPMENT SHALL BE REMOVED FROM SITE. RESTORATION SHALL BE INCIDENTAL TO THE PROJECT.
- UNLESS NOTED OTHERWISE RAILROAD SIGNAL LINES, SIGNALS AND APPURTENANCES WILL BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION. SIGNAL FOUNDATIONS AND ABANDONED LINES MAY REMAIN WHICH WILL BECOME THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE.
- THIS PROJECT WILL BE CONSTRUCTED CONCURRENTLY WITH THE CENTRAL RAIL CORRIDOR PROJECT CURRENTLY UNDER CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH DONDLINGER CONSTRUCTION AND THE BNSF RAILROAD.
- THE LAST SEGMENT OF THE RCB INSTALLATION IN PHASE 2 SHALL BE CAST-IN-PLACE. THE LENGTH OF THE C.I.P. SECTION MAY VARY AS NECESSARY. SEE DETAILS ON SHEET 4.
- MINIMUM STEEL CASING THICKNESS SHALL BE 0.312".
- SIDEWALK CONSTRUCTION AND SEWER SERVICE LINE CONSTRUCTION SHALL BE SUBSIDIARY TO "SANITARY SEWER REMOVAL AND RECONSTRUCTION".
- ALL OTHER WORK OUTLINED IN THESE DRAWINGS AND IN THE SPECIAL PROVISIONS SHALL BE INCIDENTAL TO THE PROJECT.

PLAN AND PROFILE

17TH STREET NORTH DRAINAGE IMPROVEMENTS

Phase I Drainage Improvements 17th Street North, Broadway to I-135

PROJECT NO. 472-84392
O.C.A. NO. 706953

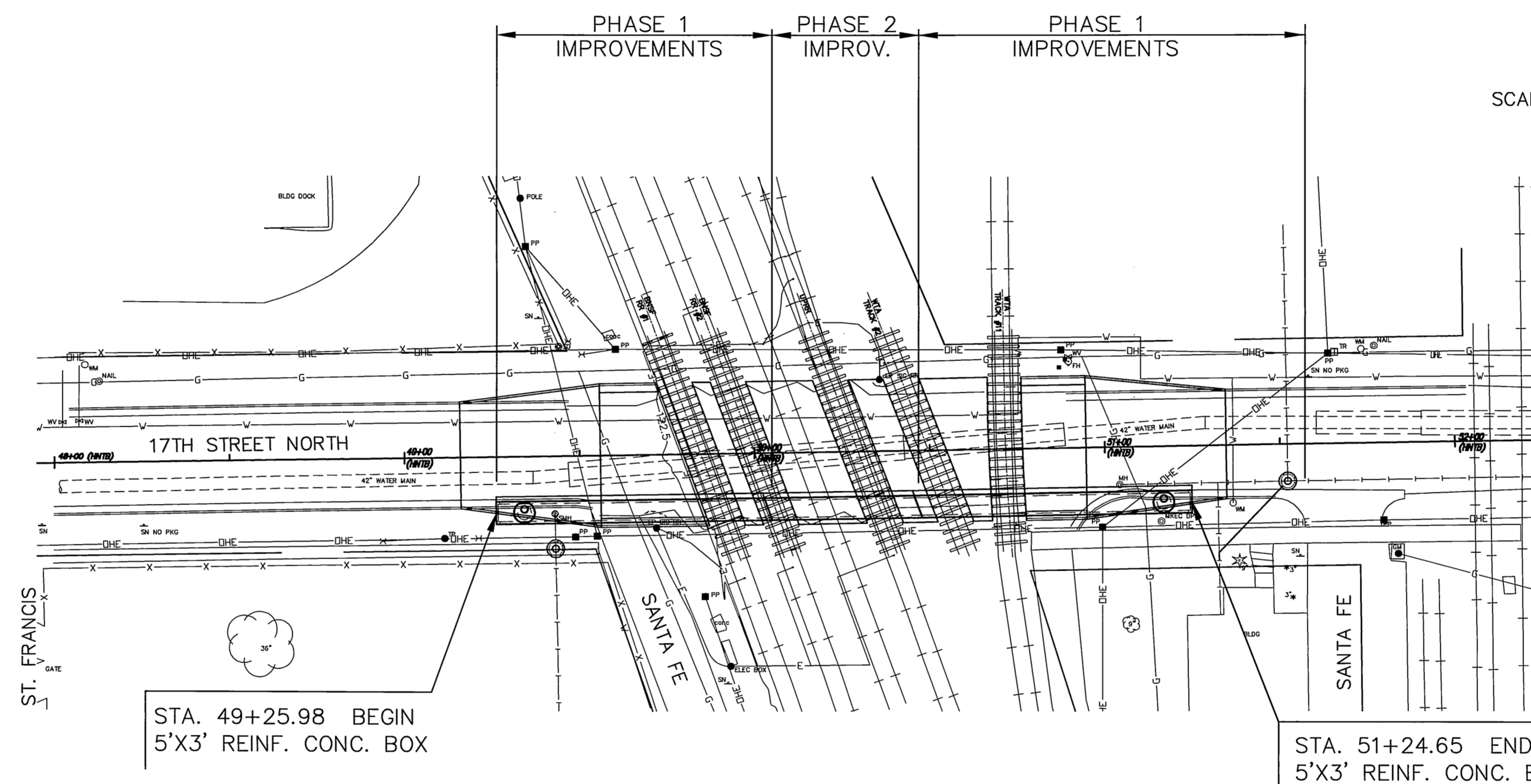
FEBRUARY 2006

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN AND PROFILE - PHASE 1
3	PLAN AND PROFILE - PHASE 2
4	RCB AND SHEET PILE DETAILS
5	PRECAST CONCRETE BOX CULVERT DETAILS
6	MANHOLE DETAILS
7	MANHOLE FRAME AND COVER



SCALE: 1" = 30'



BENCH MARKS

B.M. #4	118.26	"□" CUT ON TOP OF CURB AT N.W. END OF S.W. CORNER RETURN OF MOSLEY AND 17TH. STREET NORTH.
B.M. #5	121.92	"□" CUT ON TOP OF CURB AT N.E. END OF S.E. CORNER RETURN OF EMPORIA AND 17TH. STREET NORTH.

NOTE: ROAD SHALL BE CLOSED TO TRAFFIC DURING CONSTRUCTION

CONTROL POINTS

(ESTABLISHED BY OTHERS)

C.P. 5806 STA. 47+14.04, 29.37' RT.
3/4" IRON PIN AT POINT
N 1696449.2571, E 1650378.6027
1. SOUTH R/W OF 17TH STREET
2. WEST LINE OF 17' DEDICATION AT SUBSTATION
3. NO OTHER TIES

C.P. 5815 @ 17TH STREET STA. 47+43.06
PK NAIL AT POINT
N 1696478.8047, E 1650407.1138
1. @ 17TH STREET
2. WEST BACK OF CURB ON ST. FRANCIS AVE.
3. CONCRETE TELEPHONE MARKER POST
4. TOP CENTER OF FIRE HYDRANT
5. TOP OF TELEPHONE PEDESTAL #550

E-W
N-S
27.27' SSW
37.48' SE
30.60' N

C.P. 5808 STA. 49+43.96, 31.36' LT.
1/2" IRON PIN WITH THREADED CAP AT POINT
(POSSIBLY A LOT CORNER)
N 1696513.4790, E 1650607.9683
1. FENCE CORNER
2. NO OTHER TIES

C.P. 5813 @ 17TH STREET STA. 55+86.59
PK NAIL AT POINT
N 1696492.7796, E 1651250.5300
1. INTERSECTION OF @ 17TH STREET & MEAD AVENUE
2. TOP CENTER OF FIRE HYDRANT
3. CENTER OF 2" STEEL CORNER POST OF CHAINLINK FENCE
4. CENTER OF WEST RAIL OF RAILROAD TRACKS

43.00' NW
55.50' SW
6.00' E

SUMMARY OF QUANTITIES

LUMP SUM BID ITEMS	QUANTITY	UNIT
SHORING	15,000	S.F.
EXCAVATION AND MATERIAL DISPOSAL	1,000	C.Y.
SELECT FILL IMPORT, BACKFILL AND COMPACTION	1,000	C.Y.
5'x3' REINFORCED CONCRETE BOX CULVERT (PRECAST)	200	L.F.
STEEL CASING (18" I.D. MIN.)	202	L.F.
SANITARY SEWER REMOVAL & RECONSTRUCTION	1	LUMP SUM
CONTRACTOR STAKING	1	LUMP SUM

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MKEC
ENGINEERING
CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

17TH STREET N. DRAINAGE IMPROVEMENTS
PHASE 1
PROJECT NAME

TITLE SHEET

SHEET TITLE

JRA DESIGN BY: DPG DRAWN BY: JRA CHECKED BY:
FEBRUARY 2006 DATE: 04177 JOB NO. 1 / 7 SHEET/OF