

PAVING AND INCIDENTAL DRAINAGE IMPROVEMENTS

TO SERVE

84086

FONTANA (PHASE 1) AND FONTANA 2ND ADDITION

COVINGTON-FROM THE N.L. OF 29TH ST. N. TO THE E.L. OF LOT 29, BLOCK 1, FONTANA 2ND ADD.
SHEFFORD-FROM THE E.L. OF COVINGTON TO THE E.L. OF LOT 29, BLOCK 1, FONTANA 2ND ADD.
COVINGTON COURT-FROM THE W.L. COVINGTON TO AND INCLUDING THE CUL-DE-SAC
FONTANA CIRCLE-FROM THE E.L. OF COVINGTON TO AND INCLUDING THE CUL-DE-SAC
FONTANA COURT-FROM THE S.L. OF FONTANA CIR. TO AND INCLUDING THE CUL-DE-SAC
LANDON CIRCLE-FROM THE N.L. OF LOT 40, BLOCK 1, FONTANA ADD. TO AND INCLUDING THE CUL-DE-SAC
FONTANA-FROM THE W.L. OF COVINGTON TO W.L. OF LOT 40, BLOCK 1, FONTANA ADD.

OCA NO. 765976

CITY OF WICHITA PROJECT NO. 472-84086

CITY OF WICHITA, KANSAS

JAMES L. ARMOUR, P.E. - CITY ENGINEER

EARTHWORK

EXCAVATION 5,377 CU. YDS.
COMPACTED FILL 79 CU. YDS.
LOOSE FILL 3,641 CU. YDS.

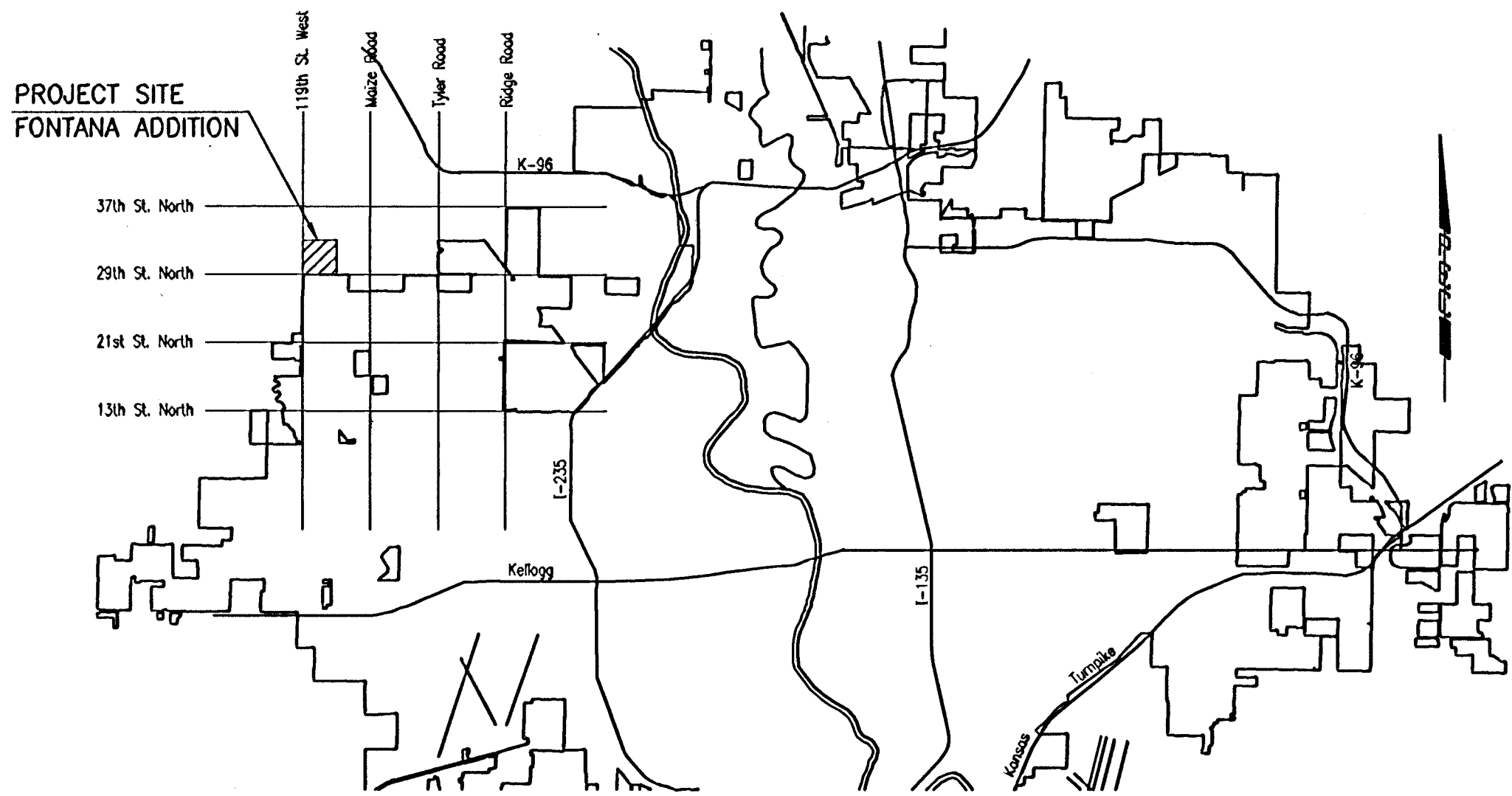
PROJECT LENGTH = 7,618 LIN. FT.

EXCESS EXCAVATED MATERIAL FROM THE PROJECT SHALL BE
EVENLY DISTRIBUTED ON FUTURE CHAMBERS AND PARK RIDGE ROAD
AREAS WHILE MAINTAINING PROPOSED TEMPORARY DRAINAGE.
THIS WORK SUBSIDIARY TO "EXCAVATION".

SUBDIVISION BENCH MARKS (SBM)

NO.	STREET AND STATION	FROM &	DESCRIPTION	ELEVATION
1	COVINGTON, STA. 16+11.91	14.5' LT.	N. END, NORTHWEST RETURN, COVINGTON CT.	
2	COVINGTON, STA. 22+54.96	14.5' LT.	SE END, SOUTHEAST RETURN, LONDON CIR.	
3	COVINGTON, STA. 39+07.54	17.5' RT.	N. END, NORTHEAST RETURN, FONTANA CIRCLE	
4	SHEFFORD, STA. 43+90.44	17.5' LT.	E. END, NORTHEAST RETURN, COVINGTON	
5	COVINGTON, STA. 87+20.29	17.5' LT.	NORTH CURB P.C., LOT 29, BLOCK 1, FONTANA 2ND	
6	FONTANA CT., STA. 79+61.55	14.5' RT.	S. END, SOUTHEAST RETURN, FONTANA CIRCLE	
7	LANDON CIRCLE, STA. 28+22	14.5' RT.	EAST CURB, SW COR. LOT 24, BLOCK 1, FONTANA	

THE COST OF THE BENCH MARK DISC, INCLUDING INSTALLATION, SHALL BE INCIDENTAL TO THE CURB.



LOCATION MAP

MARCH 2006

PLANS PREPARED BY
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

INDEX OF SHEETS

1. TITLE SHEET
2. KEY MAP AND GENERAL NOTES
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- 6-7. FOUR CORNER LOT GRADING PLAN
- 8-9. SITE GRADING PLAN
10. TYPICAL 29' BK.-BK. PAVEMENT PLAN
11. TYPICAL 35' BK.-BK. PAVEMENT PLAN
- 12-14. PAVING PLAN-COVINGTON
- 15-16. PAVING PLAN-LONDON CIRCLE
17. PAVING PLAN-COVINGTON
18. PAVING PLAN-COVINGTON/SHEFFORD
19. PAVING PLAN-SHEFFORD
- 20-21. PAVING PLAN-COVINGTON
22. PAVING PLAN-FONTANA CIRCLE
23. PAVING PLAN-FONTANA COURT
- 24-25. PAVING PLAN-COVINGTON COURT
26. VALLEY GUTTER PLANS
27. VALLEY GUTTER DETAILS
28. MISCELLANEOUS PAVING DETAILS
29. ROUNDABOUT PLAN
30. ROUNDABOUT COORDINATE PLAN
31. ROUNDABOUT SIGNING PLAN AND MISC. DETAILS
32. ROUNDABOUT TYPICAL SECTIONS
- 33-35. PLAN/PROFILE-SWS LINE NO. 1
- 36-37. PLAN/PROFILE-SWS LINE NO. 1A
38. PLAN/PROFILE-SWS LINE NO. 2
- 39-40. PLAN/PROFILE-SWS LINE NO. 3
41. PLAN/PROFILE-SWS LINE NO. 3A
42. PLAN/PROFILE-SWS LINE NO. 3B
43. PLAN/PROFILE-SWS LINE NO. 4
44. PLAN/PROFILE-SWS LINE NO. 5
45. PLAN/PROFILE-SWS LINE NO. 5A
- 46-47. TEMPORARY CHANNEL
48. STD. TYPE 1A CURB INLET (5' OPENING)
49. AREA INLET DETAILS
50. STD TYPE "P" MANHOLE DETAILS
51. MANHOLE FRAME AND COVER DETAILS
52. MISCELLANEOUS DRAINAGE DETAILS
- 53-54. EROSION CONTROL PLANS
- 55-58. EROSION CONTROL DETAILS
59. SIGNING DETAILS
- 60-95. CROSS SECTIONS (STREETS)
- 96-101. CROSS SECTIONS (CHANNEL)

CONSTRUCTION SCHEDULE/SEQUENCE

THE CONTRACTOR FOR EACH OF THE FOLLOWING FONTANA PROJECTS SHALL
COORDINATE THEIR EFFORTS WITH OTHER CONTRACTORS PERFORMING WORK IN THIS AREA
SUCH THAT ANY NECESSARY SIMULTANEOUS CONSTRUCTION CAN PROCEED CONCURRENTLY
WITHOUT CAUSING UNDUE DELAYS SO THAT CONSTRUCTION CAN BE COMPLETED WITHIN THE
TIME FRAMES AS NOTED.

SANITARY SEWER (468-83877)

THE CONTRACTOR SHALL SEQUENCE HIS WORK TO COMPLETE, INCLUDING TESTING AND
ACCEPTANCE, THE FOLLOWING WORK: LINE 1 FROM BEGINNING TO MH 6, LINE 2 IN ITS
ENTIRETY, LINE 3 IN ITS ENTIRETY, LINE 4 IN ITS ENTIRETY, LINE 7 FROM BEGINNING TO
MH 30, LINE 15 IN ITS ENTIRETY, LINE 9 IN ITS ENTIRETY, LINE 11 IN ITS ENTIRETY,
LINE 13 IN ITS ENTIRETY, LINE 14 IN ITS ENTIRETY, LINE 10 IN ITS ENTIRETY, COMPLETE
ALL REMAINING WORK. ALL WORK ON THE PROJECT SHALL BE COMPLETED BY MAY 5, 2006

WATER DISTRIBUTION SYSTEM (448-89999)

THE CONTRACTOR SHALL COMPLETE FONTANA - PHASE 1 AND FONTANA 2ND WATERLINE
CONSTRUCTION BY JUNE 2, 2006. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF
WATERLINES WITH THE STORM WATER DRAIN AND PAVING CONTRACTOR SO THAT STORM
SEWERS CROSSING BELOW PROPOSED WATERLINES WILL BE INSTALLED PRIOR TO WATERLINE
CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THE
CONTRACTOR FOR THE WATER SUPPLY LINE (BY OTHERS) FOR CONNECTION TO THE SUPPLY
LINE AND BLOWING OFF/TESTING OF THE PROPOSED WATERLINES.

STREETS/DRAINAGE (472-84086)

THE CONTRACTOR SHALL COMPLETE FONTANA - PHASE 1 STREETS/DRAINAGE
CONSTRUCTION BY AUGUST 31, 2006.

STORM WATER DRAIN (468-83883)

THE CONTRACTOR SHALL COMPLETE FONTANA - PHASE 1 STORM WATER DRAIN
CONSTRUCTION BY JULY 15, 2006.

