SHEET NO.	TOTAL SHEETS
1	4

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

STREET IMPROVEMENTS

LEFT TURN LANE - WEST LINE LOT 1 TO THE WEST LINE LOT 5, BLOCK 6. (PART 2)

FOR

STERLING FARMS

CITY OF WICHITA PROJECT NO. 472-76-245-81892-000-000-001

INDEX NO. 762591

INDEX OF SHEETS

1. TITLE SHEET
2. TYPICAL SECTIONS
3. LEFT TURN LANE
4. MARKING PLAN

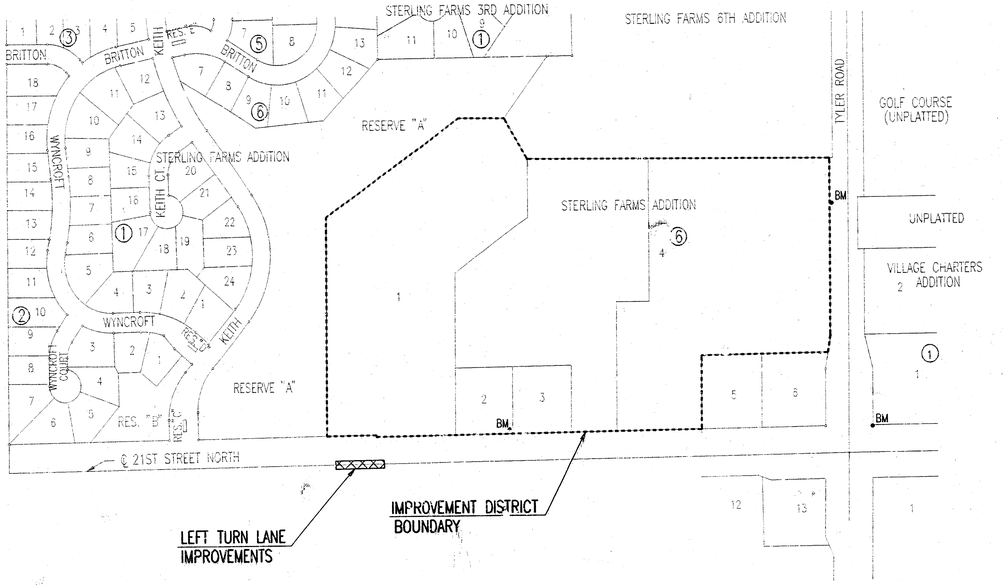
PROJECT SURVEY CONTROL

B.M. – CITY OF WICHITA DISC AT NORTHEAST CORNER 21ST STREET NORTH AND TYLER ROAD.
ELEV.=170.90

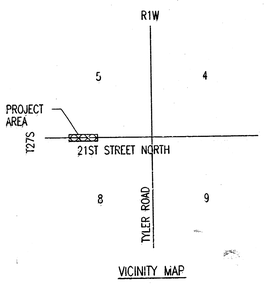
B.M. – RAILROAD SPIKE IN POWER POLE APPROX. 835' NORTH OF ℄ 21ST STREET NORTH.
ELEV.=166.65

B.M. – RAILROAD SPIKE IN POWER POLE, 10' WEST OF S.E. CORNER, LOT 2, BLOCK 6, STERLING FARMS
ELEV.=164.88

SCALE: 1" = 200'



PROJECT LENGTH = 177 LIN. FT.



VICINITY MAP

GENERAL NOTES

UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES 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 INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR AND APPROVED AS NOTED BELOW.

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.

CONTRACTOR SHALL SATISFY HIMSELF OF SURFACE AND SUBSURFACE CONDITIONS PRIOR TO BIDDING.

CONTRACTOR SHALL PROVIDE A MINIMUM FORTY-EIGHT (48) HOUR ADVANCE NOTICE (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO BEGINNING ANY EXCAVATION, TO KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ALL EXISTING LINES WITHIN THE PROJECT AREA: K.G.S. GAS, PEOPLES NATURAL GAS, K.G.E. ELECTRIC, SOUTHWESTERN BELL TELEPHONE, MULTIMEDIA CABLEVISION, CITY OF WICHITA SEWER MAINTENANCE AND CITY OF WICHITA WATER DEPARTMENT.

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.

THE WATER DEPARTMENT SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, WATER VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC EACH WAY AT ALL TIMES. CONTRACTOR SHALL ERECT AND MAINTAIN TRAFFIC CONTROL BARRICADES, SIGNS, LIGHTS AND OTHER PROTECTIVE DEVICES IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

FEBRUARY 1999

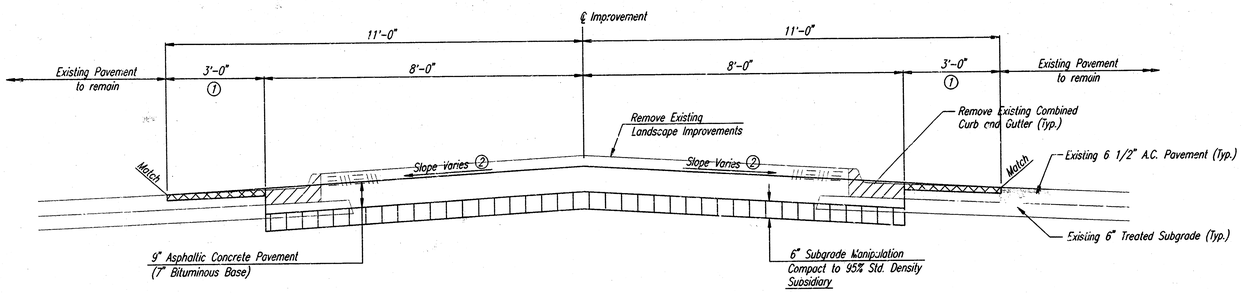
PLANS PREPARED BY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS



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PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-81892-000-000-001	2	4

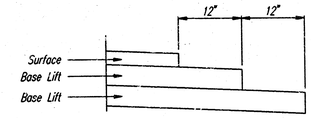


TYPICAL SECTION

Sta.1034+39 to Sta.1035+89±

① *Asphalt Cold Milling (2" Nominal). Saw Cut where necessary to provide Vertical Plane and/or Neat Line as directed by the Engineer. Saw Cut shall be subsidiary to Milling.*

② *3/16"/ft. minimum slope*



TRANSVERSE CONSTRUCTION JOINTS

TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 9" ASPHALTIC CONCRETE PAVEMENT (7" BITUMINOUS BASE).

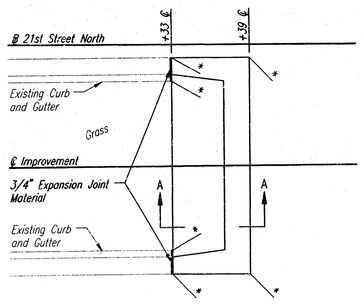
GENERAL NOTES

A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

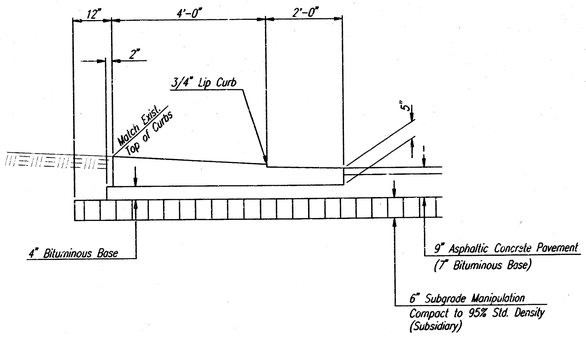
CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

PRIOR TO PLACEMENT OF ASPHALT, CONTRACTOR SHALL SCARIFY 5" OF SUBGRADE TO THE LIMITS OF EXCAVATION, BRING MOISTURE TO REQUIRED LIMITS AND COMPACT TO 95% STD. DENSITY AS SPECIFIED IN CITY OF WICHITA STANDARD SPECIFICATIONS UNDER "PREPARATION OF SUBGRADE". SCARIFYING, MOISTURE CONDITIONING AND COMPACTION SHALL BE SUBSIDIARY TO "9" ASPHALTIC CONCRETE PAVEMENT (7" BITUMINOUS BASE)".



PLAN

SCALE: 1"=5'



SECTION A-A

* Match Existing

NOTE: CONCRETE MEDIAN NOSE TO BE BID AND PAID FOR AS A LUMP SUM FOR "MONOLITHIC CONCRETE MEDIAN NOSE" WHICH SHALL BE FULL COMPENSATION FOR ALL CONCRETE, MATERIALS, EQUIPMENT, TOOLS, LABOR, ETC. TO COMPLETE MEDIAN NOSE AS DETAILED.

MONOLITHIC CONCRETE MEDIAN NOSE DETAILS

21ST STREET NORTH

TYPICAL SECTIONS

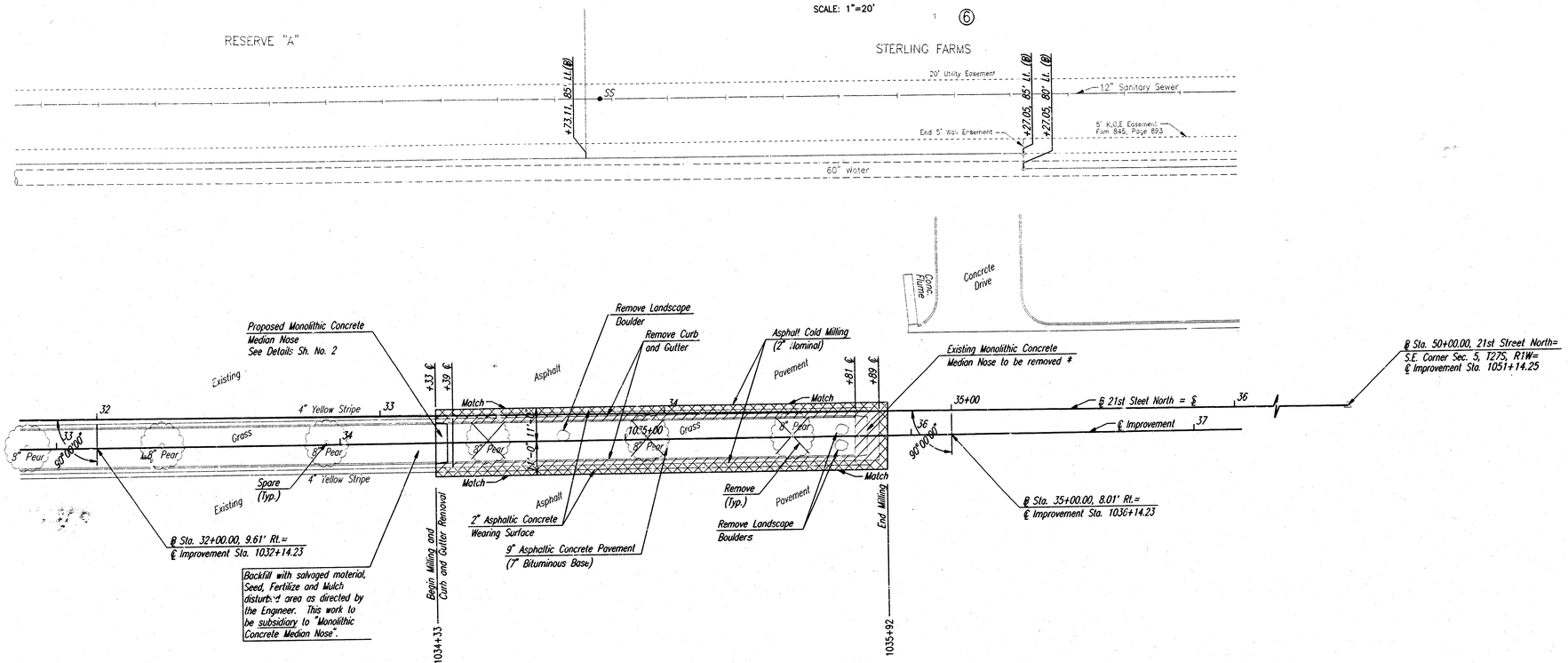
Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER, GDD	Checked by	
Drawn by	DEP	Date DEC., 1998	Job No. 98769

DSNR: GDD OPER: DEP SCALE: 1=20.00
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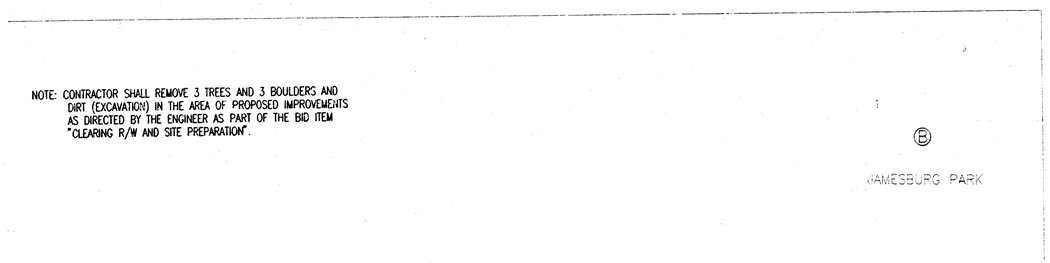
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-81892-000-000-001	3	4

SCALE: 1"=20'



* To be bid and paid for as Sq. Yds. "Pavement Removal".

NOTE: CONTRACTOR SHALL REMOVE 3 TREES AND 3 BOULDERS AND DIRT (EXCAVATION) IN THE AREA OF PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER AS PART OF THE BID ITEM "CLEARING R/W AND SITE PREPARATION".



BYRON



21ST STREET NORTH

LEFT TURN LANE

℄ STA. 1034+33 TO STA. 1035+92

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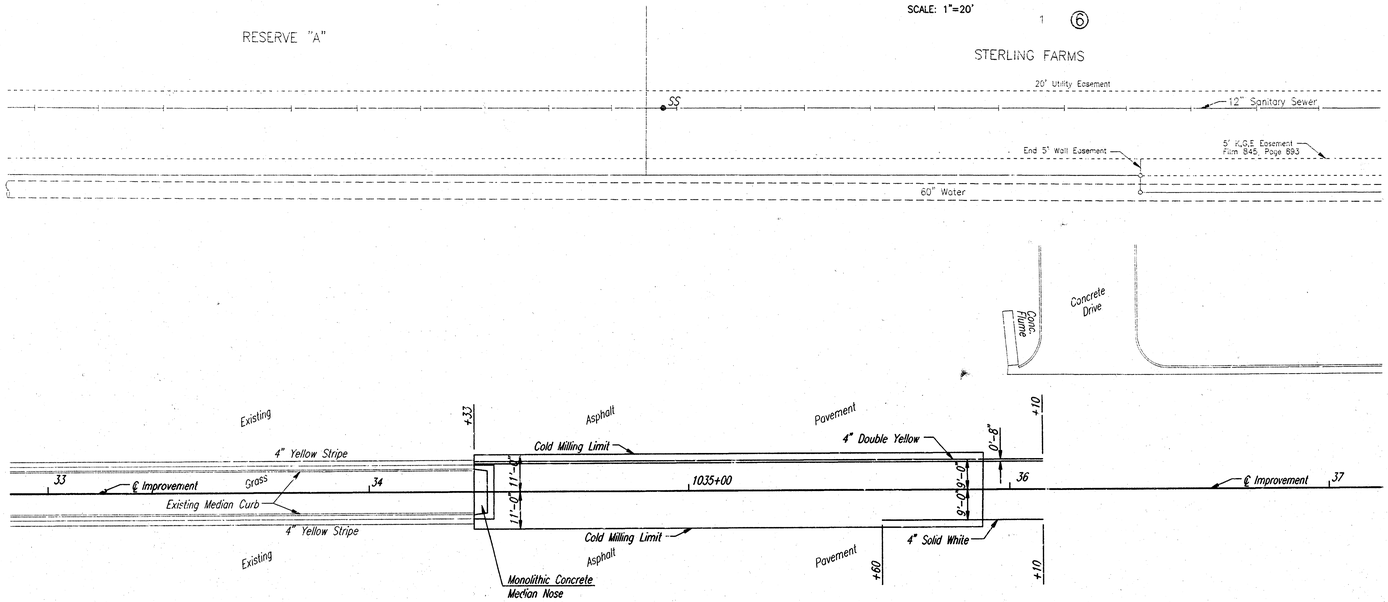
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Drawn by	DEP	Date DEC., 1998	Job No. 98769

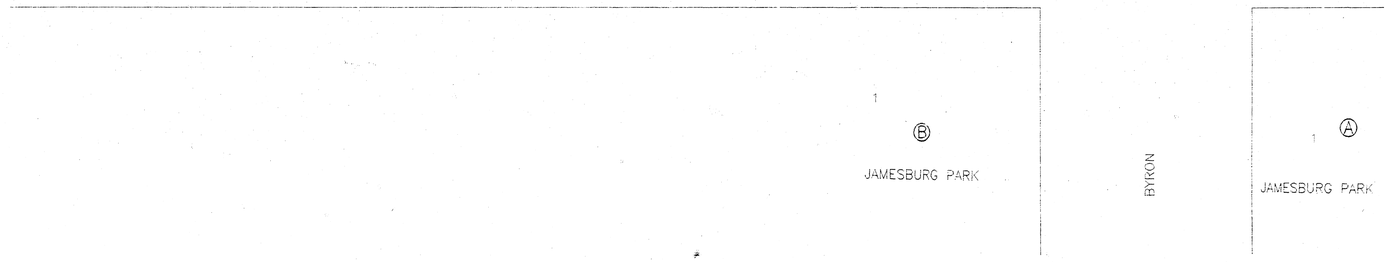
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PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-81892-000-000-001	4	4

SCALE: 1"=20'





BILL OF MATERIALS *

PROJ. NO. 472-76-245-82539-000-000-001

COLD PLASTIC TRAFFIC MARKING (4" YELLOW)	354 L.F.
COLD PLASTIC TRAFFIC MARKING (4" WHITE)	50 L.F.

* FOR INFORMATION ONLY. TO BE PAID FOR UNDER THE BID ITEM "TRAFFIC MARKING - LUMP SUM".

NOTE: ALL MARKING DIMENSIONS ARE TO CENTER OF STRIPE.

ALL MARKINGS SHALL CONFORM TO THE CITY OF WICHITA SPECIFICATIONS FOR "COLD PLASTIC TRAFFIC MARKINGS".

21ST STREET NORTH

MARKING PLAN

℄ STA. 1034+33 TO STA. 1036+10

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3033

Designed by	BER, CDD	Checked by	
Drawn by	DEP	Date DEC. 1998	Job No. 98769

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