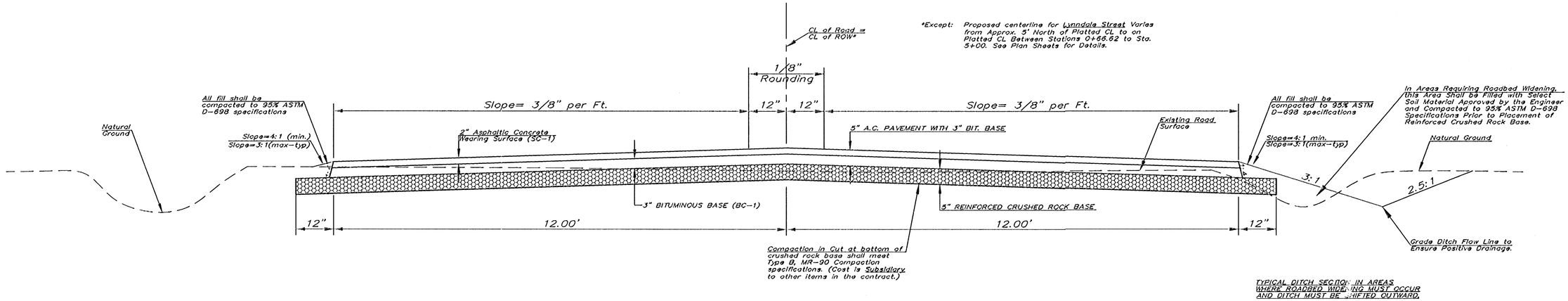
24' TYPICAL PAVEMENT DETAILS

TRANSVERSE SECTION



TYPICAL DITCH SECTION IN AREAS WHERE ROADBED WIDENING MUST OCCUR AND DITCH MUST BE SHIFTED OUTWARD.

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1-1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

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.

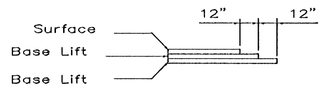
CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE.)

CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

1 1/2"	0
3/4"	15-60
# 4	40-80
#40	74-92
P-200	4-12

Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.



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 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).

(1) TYPE B, MR-90 COMPACTION REQUIRED BELOW 5" CRUSHED ROCK SUBGRADE SECTION.

(2) TO BE CONSTRUCTED IN TWO (2) LIFTS.

(3) IF UNSUITABLE MATERIAL IS ENCOUNTERED, IT SHALL BE EXCAVATED AS DIRECTED BY THE ENGINEER AND REPLACED WITH SELECT MATERIAL. THE SELECT MATERIAL SHALL HAVE COMPACTION REQUIREMENT OF TYPE B, MR-90. THIS WORK SHALL BE SUBSIDIARY TO "OTHER ITEMS IN THE CONTRACT".

(4) THIS AREA TO BE BACKFILLED WITH TOPSOIL, COMPACTED AND SEEDED UPON COMPLETION OF PAVING. COST IS SUBSIDIARY TO "OTHER ITEMS IN THE CONTRACT".

CITY OF WICHITA

24' TYPICAL PAVEMENT DETAIL

FOR STREET PAVING IMPROVEMENTS

CED PROJ. NO.: 20030988

CERTIFIED ENGINEERING DESIGN, P.A.

CED

310 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67202
PH.(316)262-3600 FAX.(316)262-1669

DESIGNED: HDF	SCALE: NTS	SHEET 3
DRAWN: HDF	DATE: 7/03	
CHECKED: HDF	CED FILE: 03-24Typ.dwg	TOTAL 43