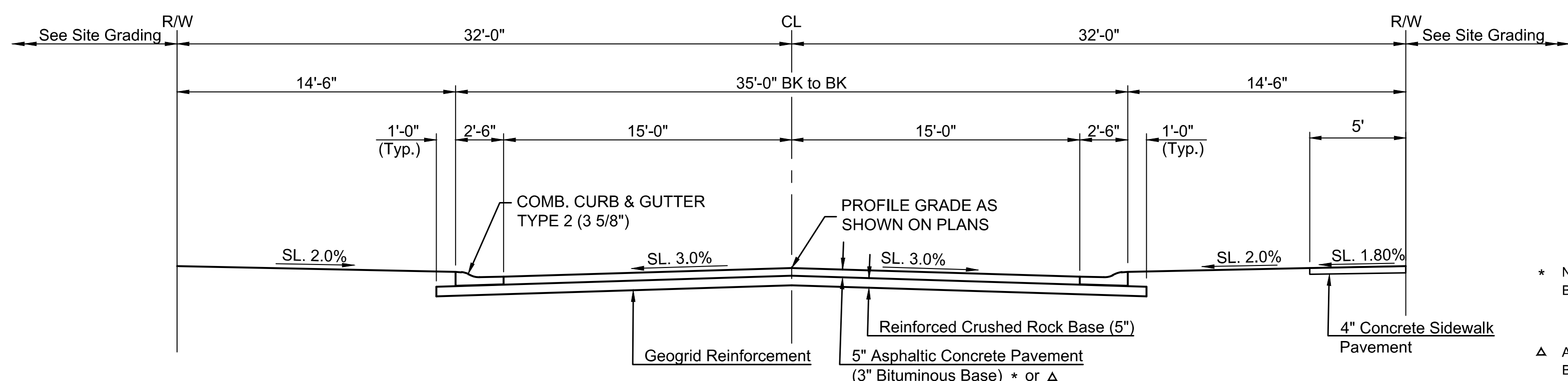
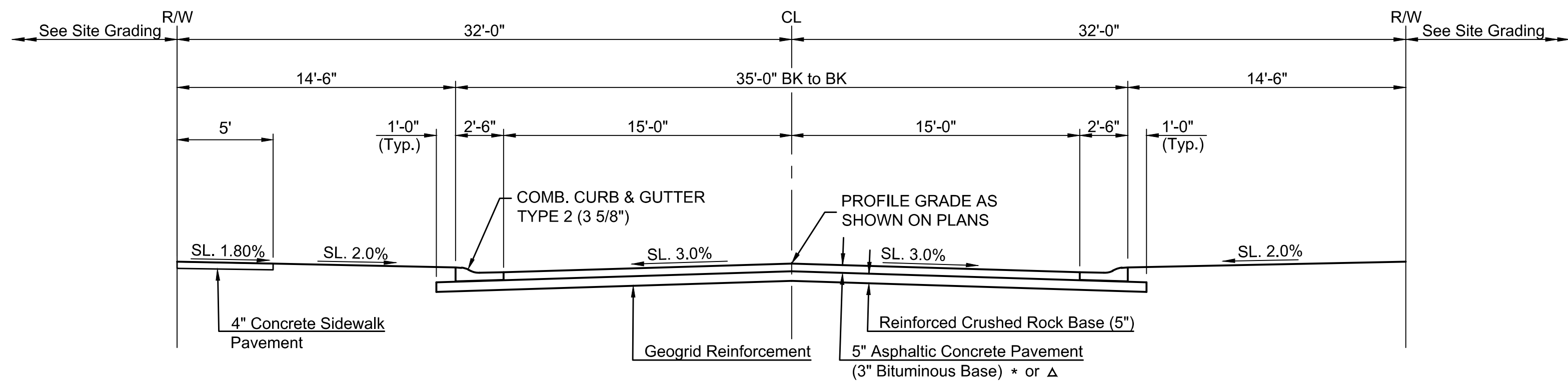


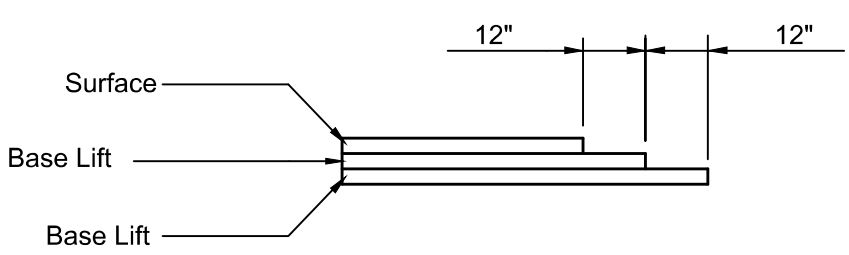
TYPICAL SECTION
Lawson Circle Sta. 96+46.12 to Sta. 100+00.00



TYPICAL SECTION
Lawson Sta. 100+00.00 to Sta. 108+11.82
Mendocino Sta. 300+37.00 to Sta. 301+40.50

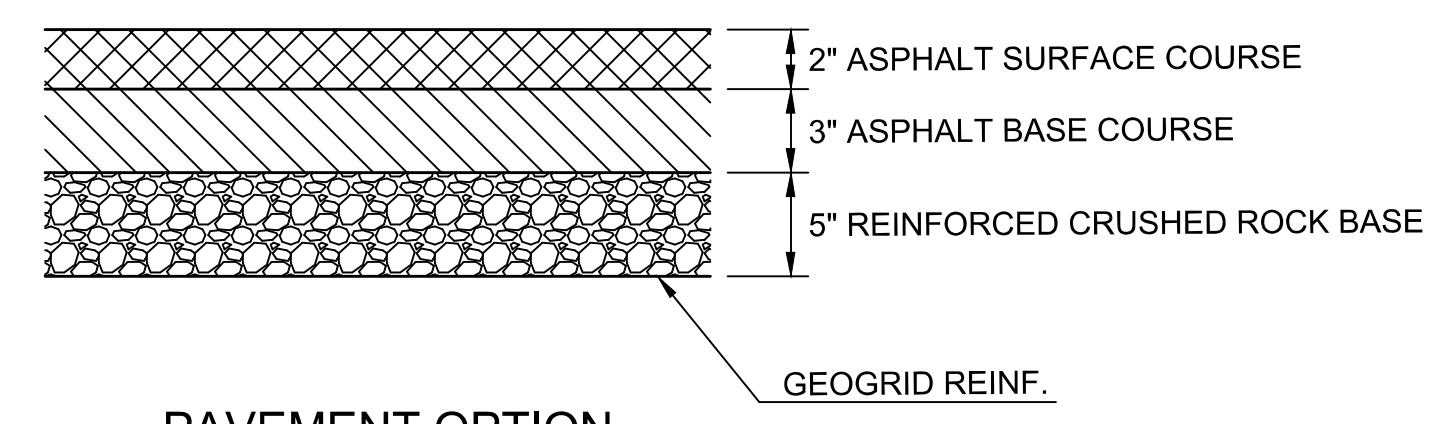


TYPICAL SECTION
Kashmir Sta. 200+37.00 to Sta. 210+64.81



TRANSVERSE CONSTRUCTION JOINTS

Transverse construction joints shall be constructed in flexible base pavement at locations where pavement joins existing flexible base pavement as show by the detail. All costs associated with the construction of the transverse joint shall be included in the bid price for Square Yards of pavement.



PAVEMENT OPTION
ASPHALTIC CONCRETE PAVEMENT

EARTHWORK SUMMARY (C.Y.)		
	Excavation	Compacted Fill (95%)
Kashmir	1,292	743
Lawson Circle	1,515	495
Lawson	2,195	350
Mendocino	211	10
Easements	1,251	900
GRAND TOTAL	6,464	2,498

ESTIMATED EXCESS MATERIAL
6,464 - (2,498/0.85) = 3,525 C.Y.
VMF = 0.85 (ASSUMED)

NO SHRINKAGE FACTOR HAS BEEN APPLIED.

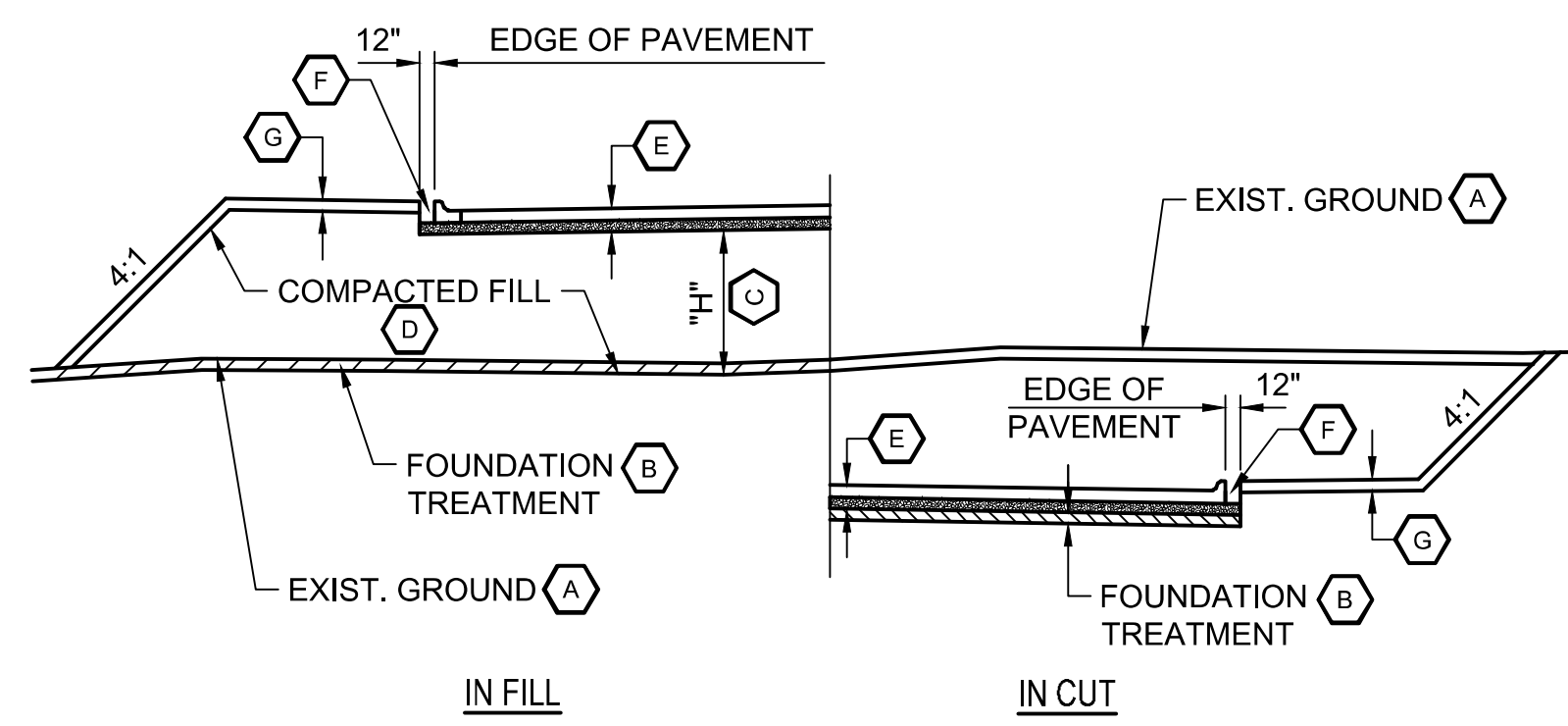
THE QUANTITIES SHOWN FOR "EXCAVATION" ARE MEASURED FROM THE ORIGINAL GROUND LINE TO THE FINISHED SUBGRADE LINE (WITHIN R/W) OR FINISHED GROUND LINE AS SHOWN ON THE CROSS SECTIONS.

ONLY APPROVED MATERIALS SHALL BE USED IN THE CONSTRUCTION OF EMBANKMENTS. THIS MATERIAL SHALL BE FREE FROM ORGANIC MATTER, LARGE STONES, AND DEBRIS.

ANY DOUBLE-HANDLING AND/OR STOCKPILING OF EXCAVATED MATERIAL WHICH MAY BE REQUIRED WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE SUBSIDIARY TO THE CONTRACT UNIT PRICE BID FOR "EXCAVATION".

EXCESS MATERIAL SHALL BE STOCKPILED AT THE PROJECT SITE BY THE CONTRACTOR IN ACCORDANCE WITH THE GENERAL NOTES ON SHEET NO. CP004.

- * Non-arterial streets
BC-1, SC-1 AND PG 64-22
 - Δ Arterial streets
BM-2 PG 64-22(Base) PG 70-28(Surface)
- Base Course thicker than 4" shall be installed in two lifts



FOUNDATION TREATMENT & COMPACTION DIAGRAM

- (A) STRIP TOPSOIL.
- (B) SCARIFY AND COMPACT (6 INCHES) TO 95% ASTM D698.
- (C) "H" EQUALS FULL EMBANKMENT HEIGHT.
- (D) COMPACT TO 95% ASTM D698.
- (E) PAVEMENT SECTION, SEE TYPICAL SECTIONS THIS SHEET.
- (F) BACKFILL WITH SATISFACTORY SOIL. COMPACT TO 95% ASTM D698.
- (G) PLACE TOPSOIL.

FOUNDATION TREATMENT & COMPACTION SHALL BE CONSIDERED SUBSIDIARY TO THE BID ITEM "EXCAVATION".

GENERAL NOTES

Fabric base reinforcement shall be an approved grid. Fabric base reinforcement shall be installed in accordance with manufacturer's recommendations. Crushed rock shall be uniformly graded from 1 - 3/4" 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.

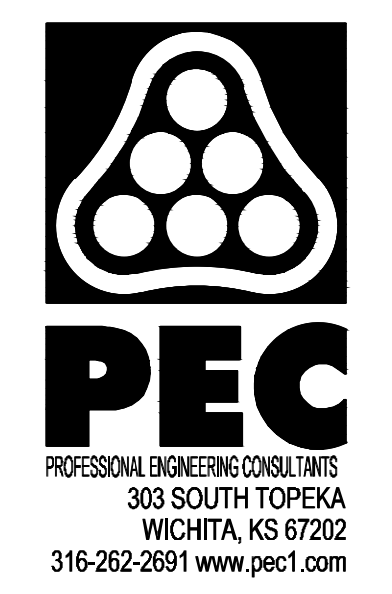
Rock base is to be compacted and smoothed with a steel faced roller prior to placement of asphalt. Tack coat will not be applied to rock base.

A tack coat of emulsified asphalt (SC-1H or CSS-1H) shall be applied to an approximate rate of 0.05 gallons per square yard between each lifts 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 of pavement.



PAVING AND INCIDENTAL DRAINAGE IMPROVEMENTS

CYPRESS GLEN ADDITION-PHASE 1

PAUL GUNZELMAN CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-2023-085915

Issue:		

JOB NO.	210975-004
DATE	OCTOBER 2023
PM	RJS
DESIGNED BY	KMS
DRAWN BY	BJS
CHECKED BY	TPA

TYPICAL SECTIONS

CP005
5 OF 66

SAVED 1/9/2024 2:25:36 PM BY BILL SEXSON
PLOTTED 1/9/2024 4:22:18 PM BY BILL SEXSON
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