



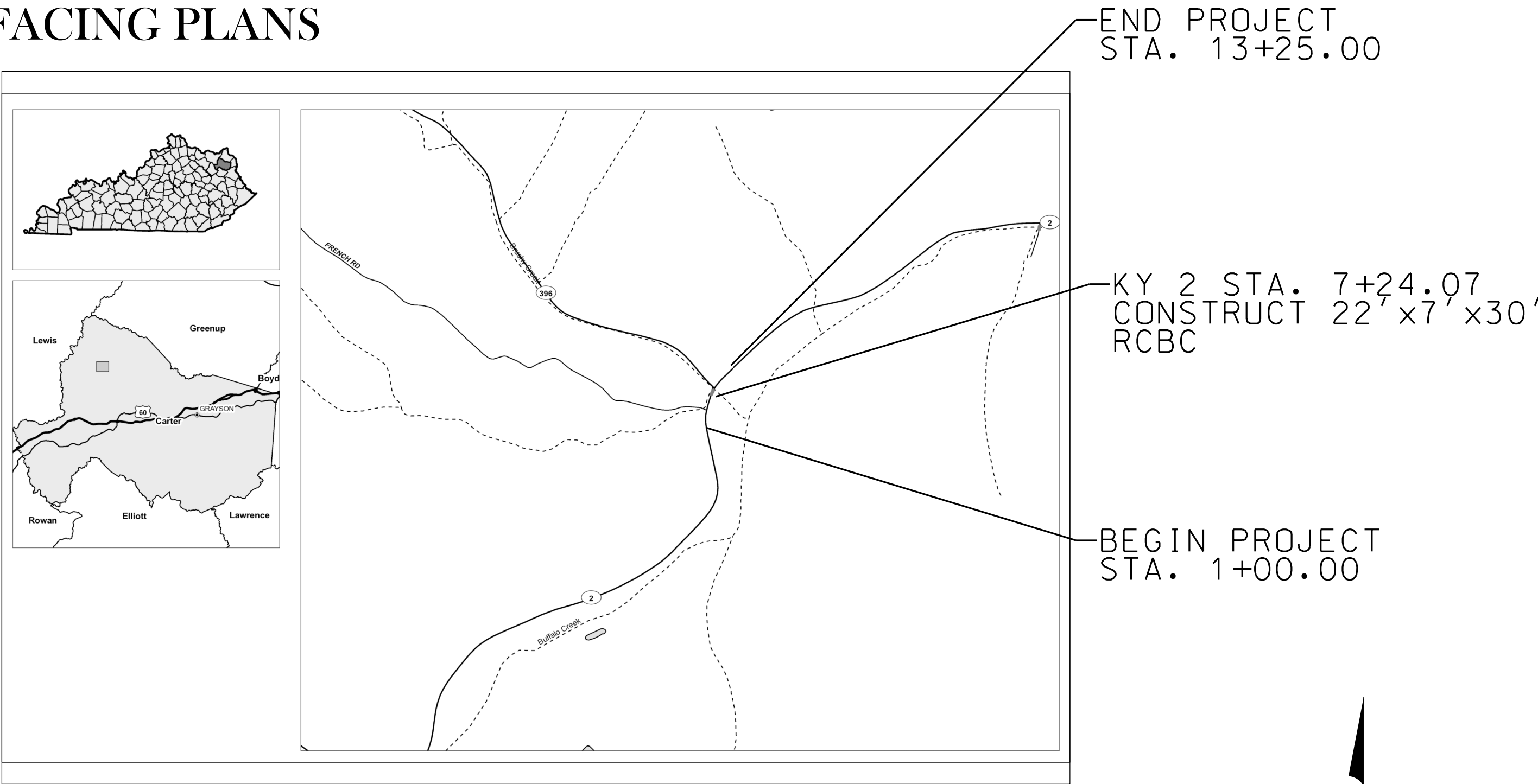
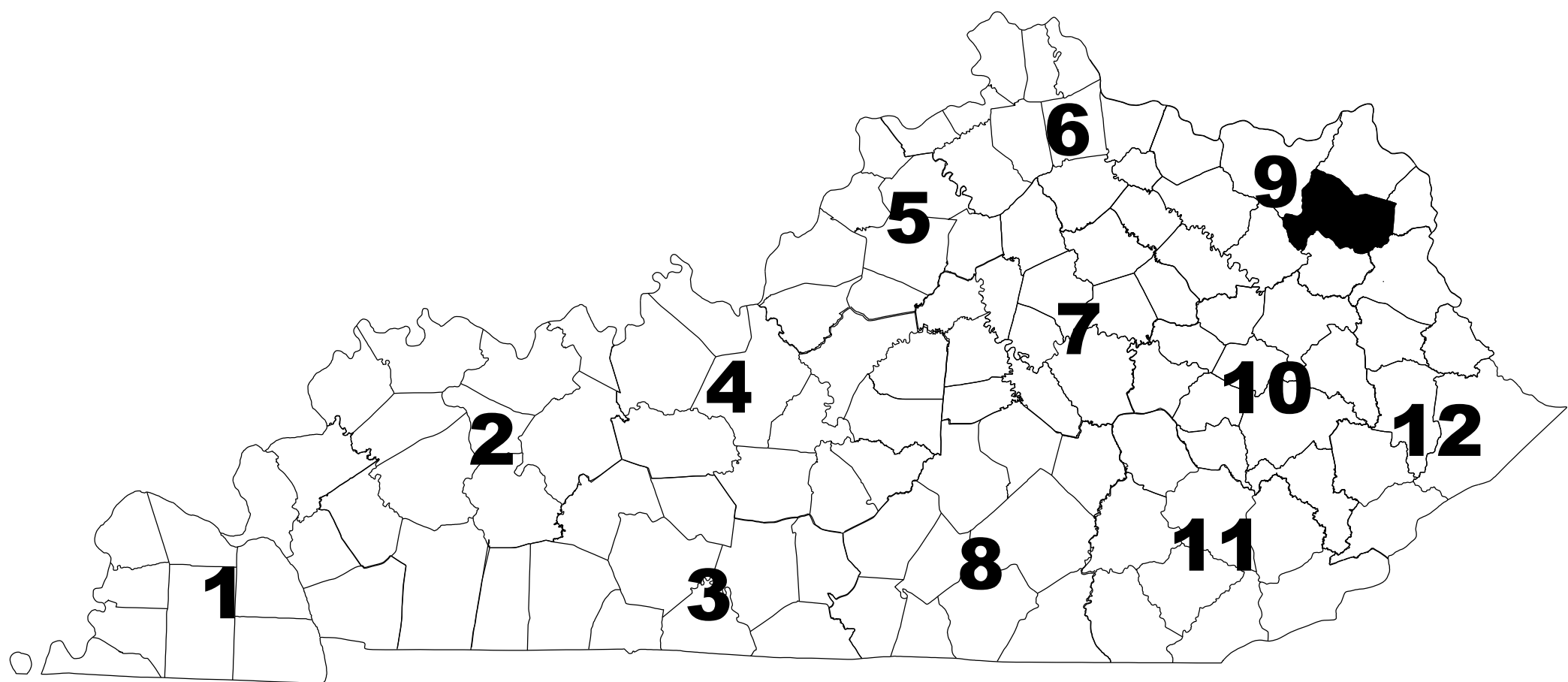
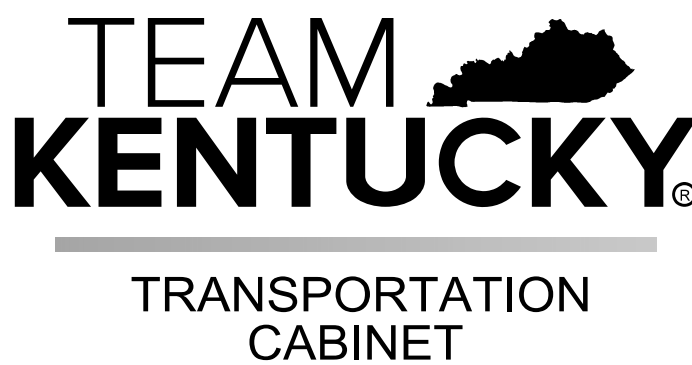
COMMONWEALTH OF KENTUCKY

DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT CARTER County

BRIDGE REPLACEMENT OVER BRUSHY CREEK (KY 2)

GRADE, DRAIN, AND SURFACING PLANS FBP 5239(023)



LAYOUT MAP

DESIGN CRITERIA

CLASS OF HIGHWAY RURAL MAJOR COLLECTOR
TYPE OF TERRAIN ROLLING
DESIGN SPEED 45 MPH
REQUIRED NPSD 360'
REQUIRED PSD _____
LEVEL OF SERVICE _____
ADT PRESENT (2020) 735
ADT FUTURE () _____
DHV _____
D % _____
T % 7.75

GEOGRAPHIC COORDINATES

LATITUDE 38 DEGREES 25 MINUTES 10 SECONDS NORTH
LONGITUDE 83 DEGREES 8 MINUTES 42 SECONDS WEST

DESIGNED

% RESTRICTED SD _____
LEVEL OF SERVICE _____
MAX. DISTANCE W/O PASSING _____

INDEX OF SHEETS

R1 LAYOUT SHEET
R2-R2E TYPICAL SECTIONS
R2F-R2H SUMMARY SHEETS
R2I GENERAL NOTES
R3 LEGEND AND UTILITY OWNERS
R4-R6 PLAN AND PROFILE SHEETS
R7 RIGHT OF WAY SUMMARY SHEET
R8 COORDINATE CONTROL SHEET
R9 EROSION CONTROL SHEET
R10 MAINTENANCE OF TRAFFIC NOTES
R11-R13 MAINTENANCE OF TRAFFIC SHEETS
R14 PIPE SHEETS
R15-R17 SITUATIONAL SHEETS
S1-S11 STRUCTURE PLANS (DWG#28965)
U1-U8 UTILITY PLANS (WATERLINE)
X1-X18 CROSS-SECTIONS

STANDARD DRAWINGS

RBI-001-012 RBR-200-00-S RDI-001-010 RDX-225-001
RBI-002-007 RDB-001-012 RDI-020-010 RDX-230-002
RBI-004-006 RDR-020-005 RDI-021-001 RGS-001-007
RBR-001-013 RDB-100-005 RDI-025-006 RGX-001-006
RBR-005-011 RDB-101-005 RDI-026-001 RGX-005-006
RBR-015-006 RDB-105-006 RDX-160-006 RGX-200-001
RBR-016-005 RDB-106-005 RDX-210-003 RPM-110-007
RBR-020-008 RDB-150-002 RDX-215-001
RBR-035-013 RDD-040-005 RDX-220-005

BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

THE CONTROL OF ACCESS ON THIS
PROJECT SHALL BE BY PERMIT

LENGTH <u>1225</u> LIN. FT. <u>0.23</u> MILES ADDED ☐ FOR EQUALITIES <u>X</u> LIN. FT. DEDUCTED ☐ NOT INCLUDED	LENGTH <u>X</u> LIN. FT. <u>X</u> MILES ADDED ☐ FOR EQUALITIES <u>X</u> LIN. FT. DEDUCTED ☐ NOT INCLUDED	LENGTH <u>X</u> LIN. FT. <u>X</u> MILES ADDED ☐ FOR EQUALITIES <u>X</u> LIN. FT. DEDUCTED ☐ NOT INCLUDED	LENGTH <u>X</u> LIN. FT. <u>X</u> MILES ADDED ☐ FOR EQUALITIES <u>X</u> LIN. FT. DEDUCTED ☐ NOT INCLUDED
RAILROAD CROSSINGS NO. <u>X</u> LIN. FT. BRIDGES <u>X</u> LIN. FT. <u>X</u> <u>X</u>	RAILROAD CROSSINGS NO. <u>X</u> LIN. FT. BRIDGES <u>X</u> LIN. FT. <u>X</u> <u>X</u>	RAILROAD CROSSINGS NO. <u>X</u> LIN. FT. BRIDGES <u>X</u> LIN. FT. <u>X</u> <u>X</u>	RAILROAD CROSSINGS NO. <u>X</u> LIN. FT. BRIDGES <u>X</u> LIN. FT. <u>X</u> <u>X</u>

PROJECT NUMBER: 9-40000

FD52 022 0002 011-012

PROJECT DESCRIPTION: BRIDGE REPLACEMENT ON KY-2 OVER BRUSHY CREEK

RECOMMENDED BY: BLAKE JONES, P.E. 6/5/2026
PROJECT MANAGER DATE:

PLAN APPROVED BY: _____ DATE: _____
STATE HIGHWAY ENGINEER

LETTING DATE: JULY 23, 2026

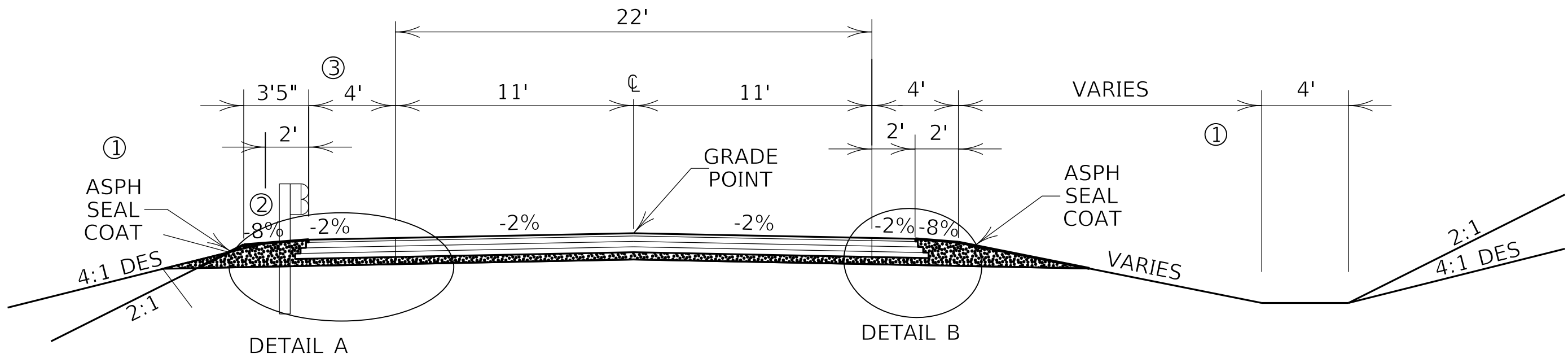
ITEM NO. 09-40000.00 COUNTY OF CARTER

SHEET NO. R1

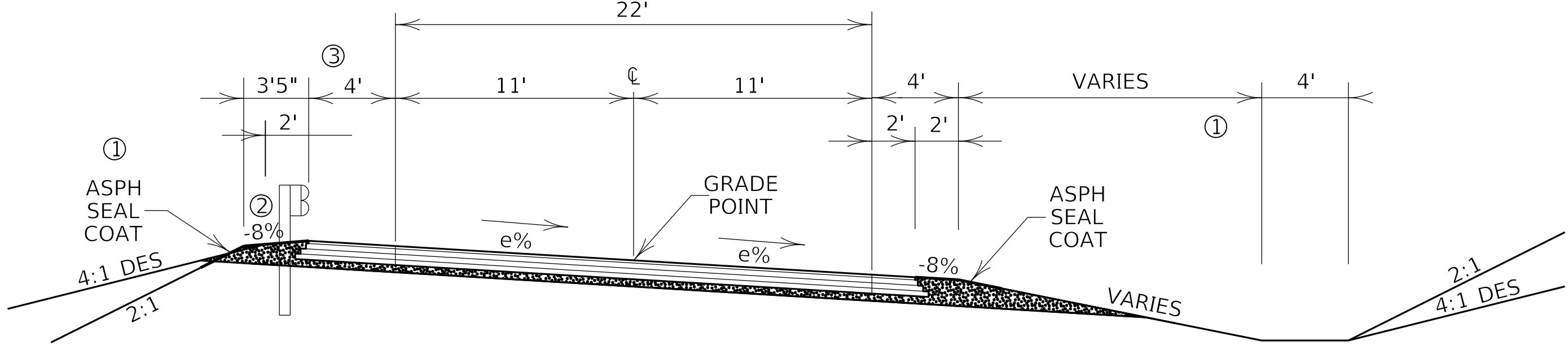
TYPICAL SECTIONS
KY 2 - MAINLINE
STA. 4+30 to 9+05

KY 2
MAINLINE

- ① SEE CROSS SECTIONS FOR INDIVIDUAL SLOPES OUTSIDE THE LIMITS OF SHOULDERS.
- ② EARTH SHOULDERS ARE TO BE WIDENED AN ADDITIONAL 1 FT. 5 IN. WHERE GUARDRAIL IS TO BE CONSTRUCTED.
- ③ PAVED SHOULDERS ARE TO BE WIDENED 2 FT. TO A TOTAL OF 4 FT, WHERE GUARDRAIL IS TO BE CONSTRUCTED.



NORMAL SECTION



SUPERELEVATED SECTION

KY 2 - MAINLINE

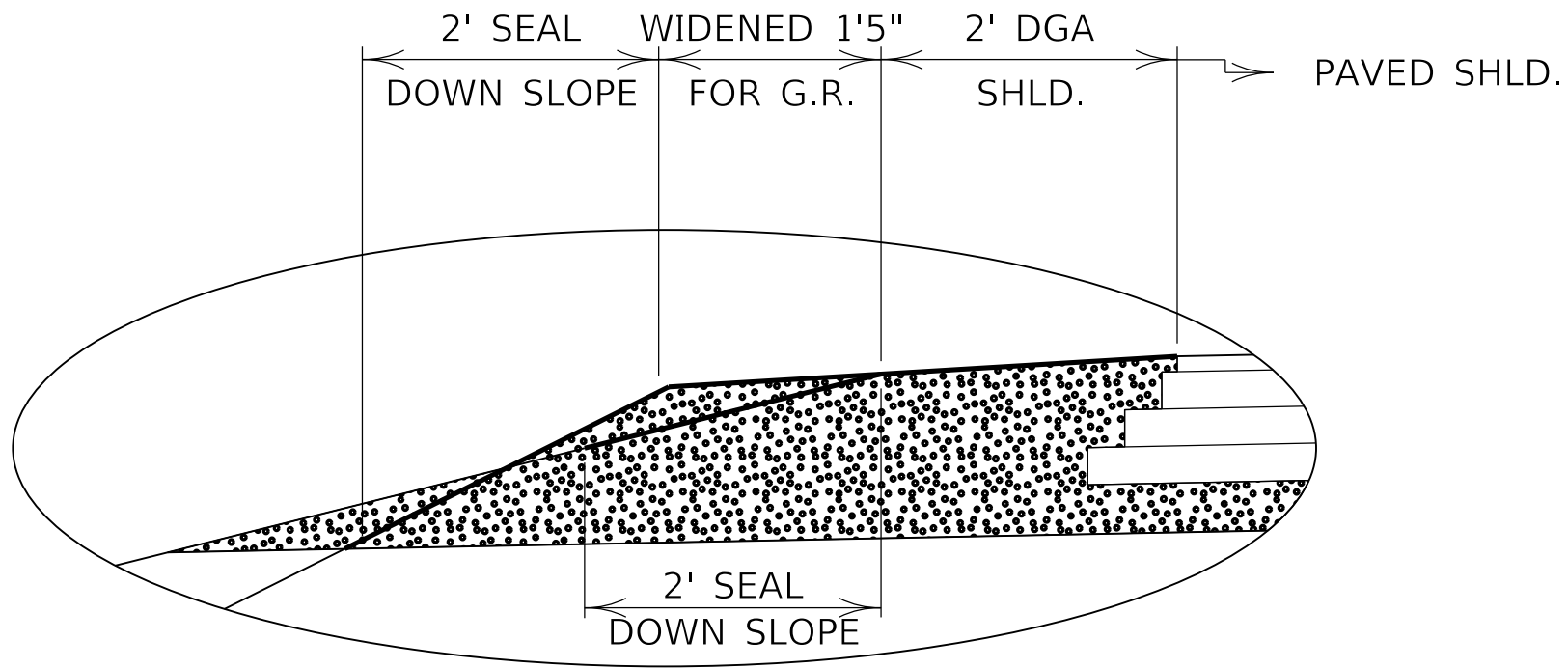
ROADWAY

DGA	4.0 INCH DEPTH
CL2 ASPH BASE 1.00D PG64-22	9.00 INCH DEPTH (3.00"+3.00"+3.00")
CL2 ASPH SURF 0.38D PG64-22	1.50 INCH DEPTH

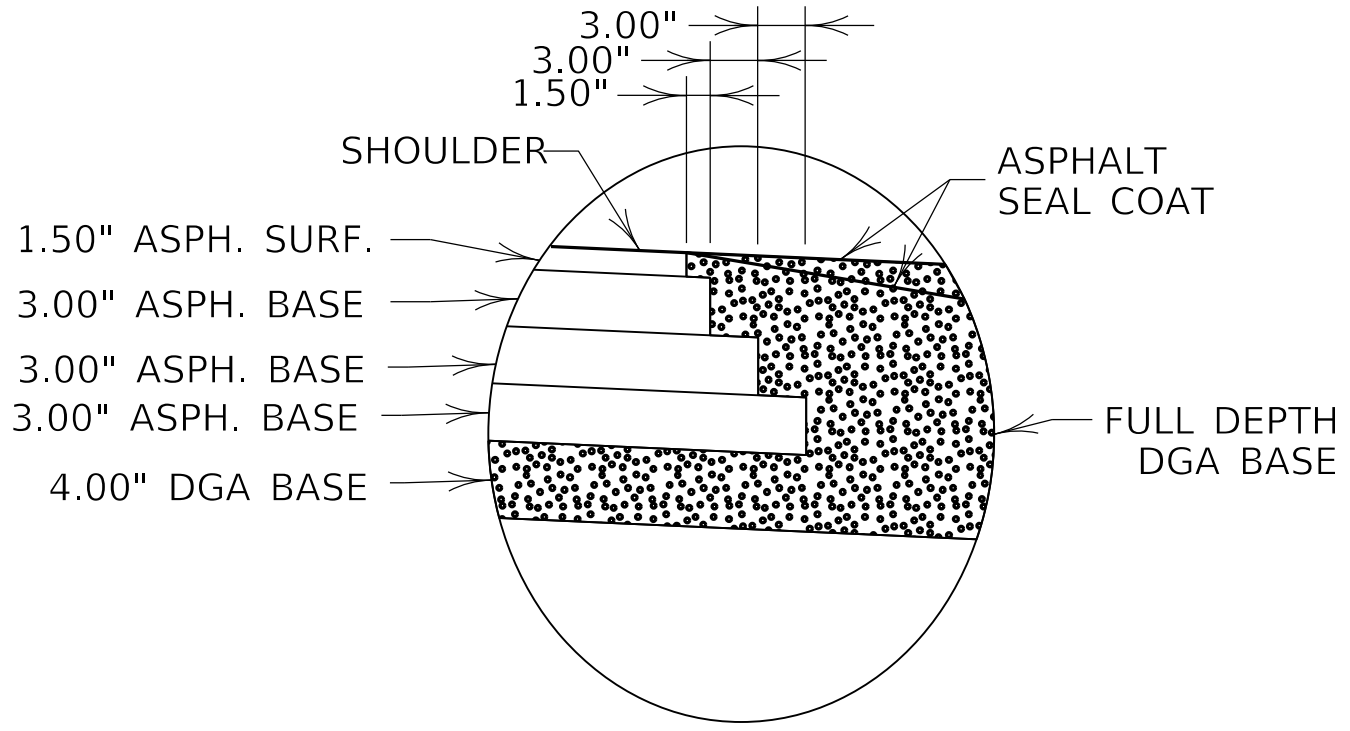
SHOULDERS

DGA	4.0 INCH DEPTH
CL2 ASPH BASE 1.00D PG64-22	9.00 INCH DEPTH (3.00"+3.00"+3.00")
CL2 ASPH SURF 0.38D PG64-22	1.50 INCH DEPTH
AND	
ASPHALT SEAL AGGREGATE	20 LB./S.Y. 2 COURSES
ASPHALT SEAL COAT	2.4 LB./S.Y. 2 COURSES

ASPHALT SEAL FOR SHOULDERS FROM OUTSIDE OF PAVEMENT (ALSO UNDER GUARDRAIL) TO A POINT 2 FT DOWN THE DITCH OR SLOPE (2 APPLICATIONS).



DETAIL A



DETAIL B

DRAWING NOT TO SCALE



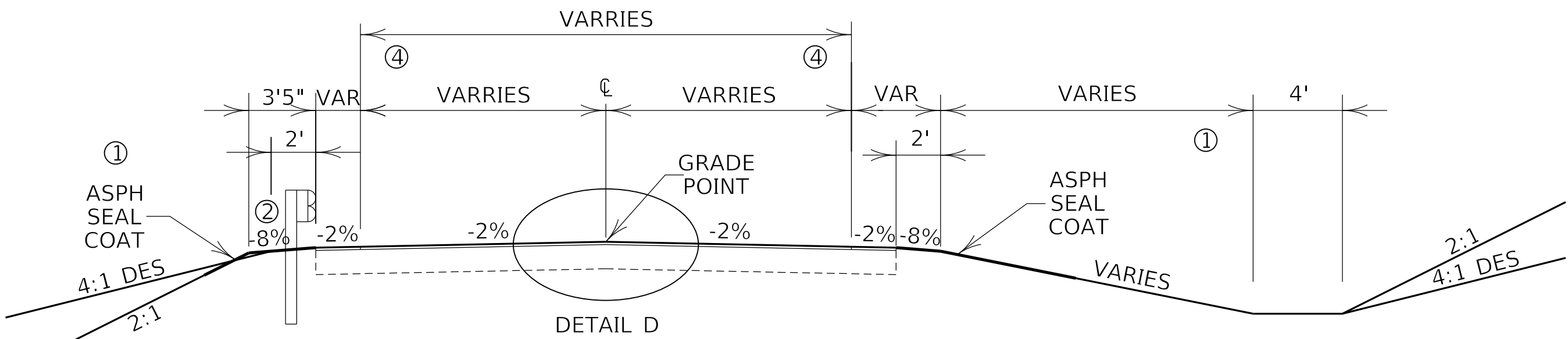
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



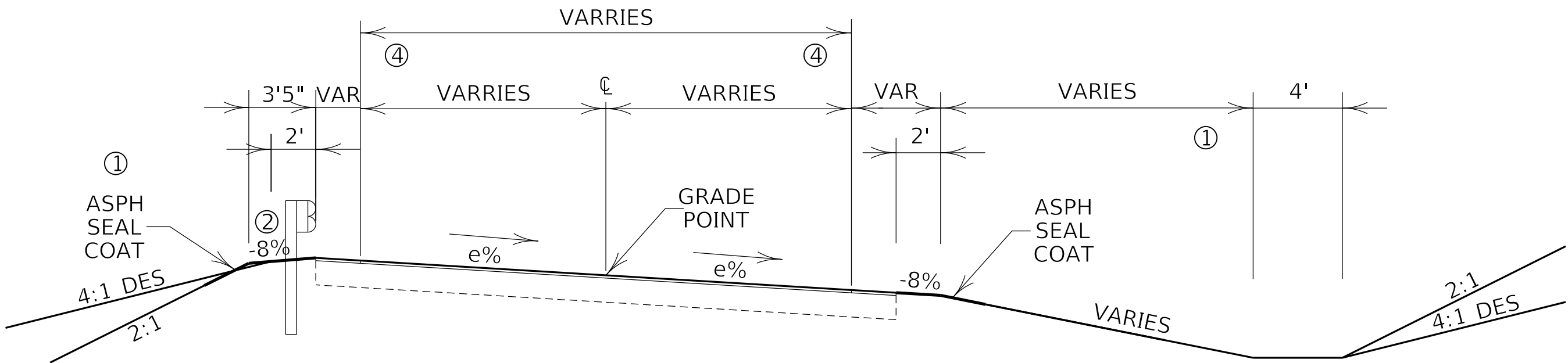
DRAWING TITLE: TYPICAL SECTION - MAINLINE FULL DEPTH

TYPICAL SECTIONS
PAVEMENT OVERLAY KY 2 MAINLINE
STA. 1+00 to 2+71.41 & 10+57.05 to 13+25

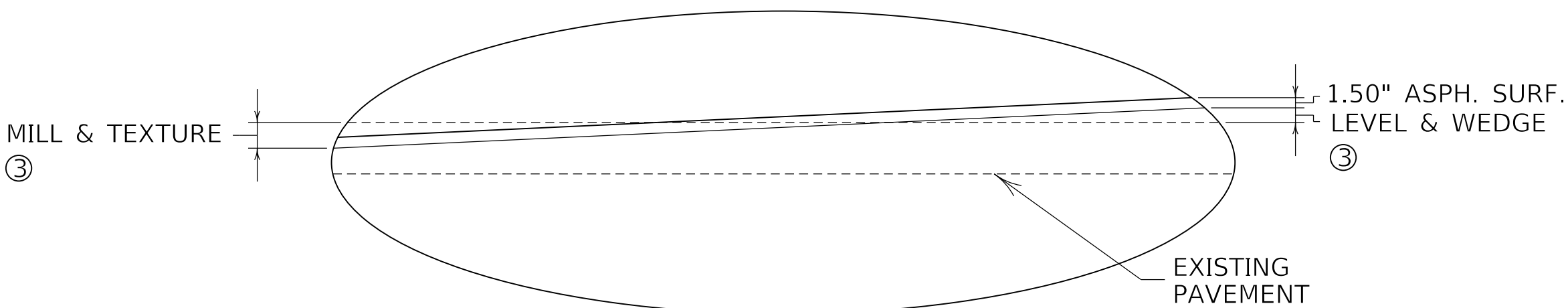
KY 2 MAINLINE
PAVEMENT OVERLAY



NORMAL SECTION



SUPERELEVATED SECTION



DETAIL D

- ① SEE CROSS SECTIONS FOR INDIVIDUAL SLOPES OUTSIDE THE LIMITS OF SHOULDERS.
- ② EARTH SHOULDERS ARE TO BE WIDENED AN ADDITIONAL 1 FT. 5 IN. WHERE GUARDRAIL IS TO CONSTRUCTED.
- ③ LEVEL & WEDGE BETWEEN TOP OF EXISTING PAVEMENT AND BOTTOM OF 1.5" SURFACE COURSE . MILL & TEXTURE EXISTING PAVEMENT ABOVE BOTTOM OF 1.5" SURFACE COURSE. SEE CROSS SECTIONS FOR DETAILS.
- ④ SEE CROSS SECTIONS FOR INDIVIDUAL PAVEMENT AND SHOULDER WIDTHS.

KY 2 - MAINLINE - OVERLAY

ROADWAY

LEVEL & WEDGE
CL2 ASPH SURF 0.38D PG64-22

VARRIES
1.50 INCH DEPTH

SHOULDERS

LEVEL & WEDGE
CL2 ASPH SURF 0.38D PG64-22
AND
ASPHALT SEAL AGGREGATE
ASPHALT SEAL COAT

VARRIES
1.50 INCH DEPTH
20 LB./S.Y. 2 COURSES
2.4 LB./S.Y. 2 COURSES

ASPHALT SEAL FOR SHOULDERS FROM OUTSIDE OF PAVEMENT (ALSO UNDER GUARDRAIL) TO A POINT 2 FT DOWN THE DITCH OR SLOPE (2 APPLICATIONS).

DRAWING NOT TO SCALE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: TYPICAL SECTION - MAINLINE MILLING & PAVEMENT OVERLAY

ITEM NO. 09-40000.00 COUNTY OF CARTER

SHEET NO. R2B

TYPICAL SE

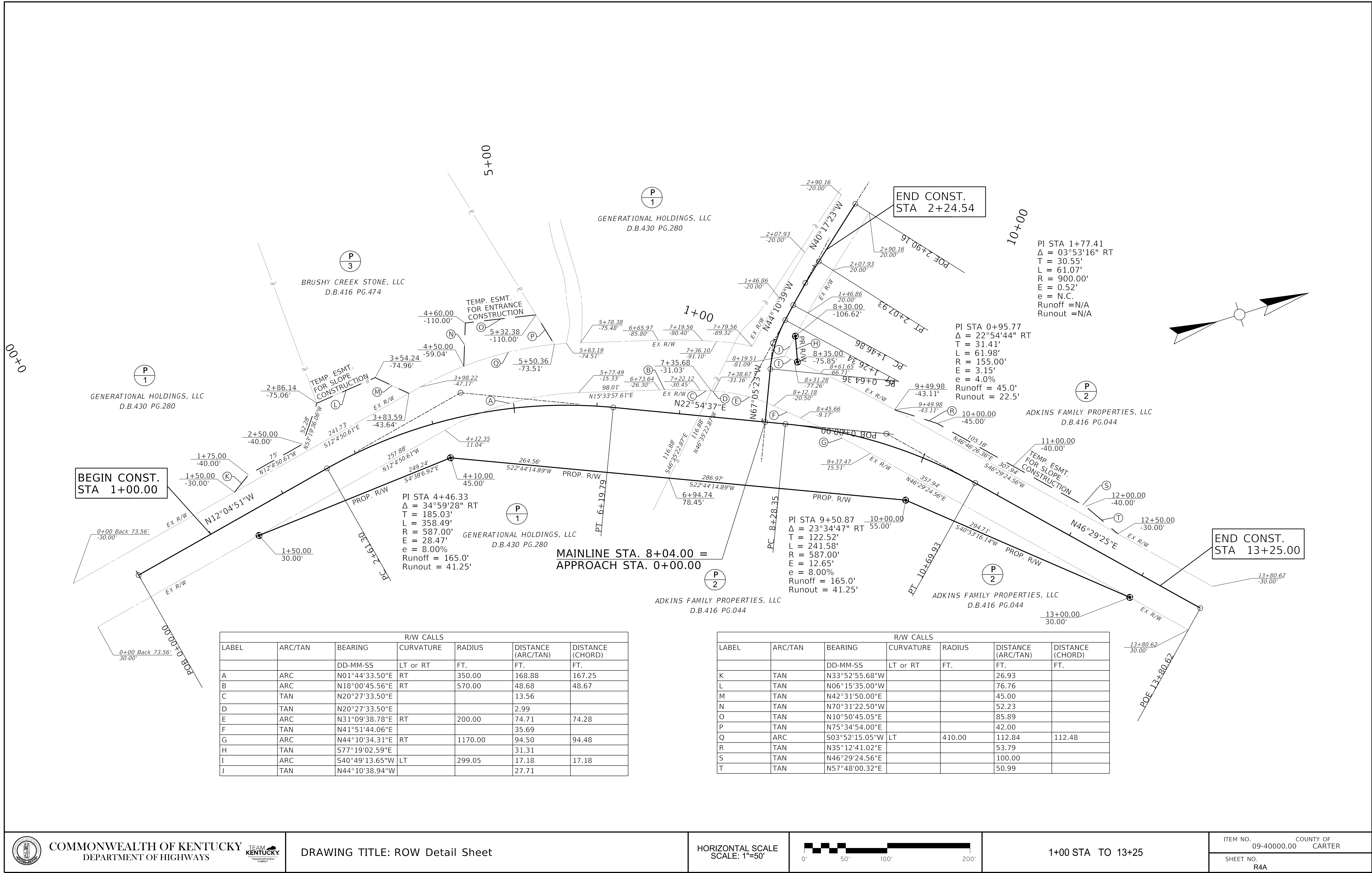
TYPICAL SE

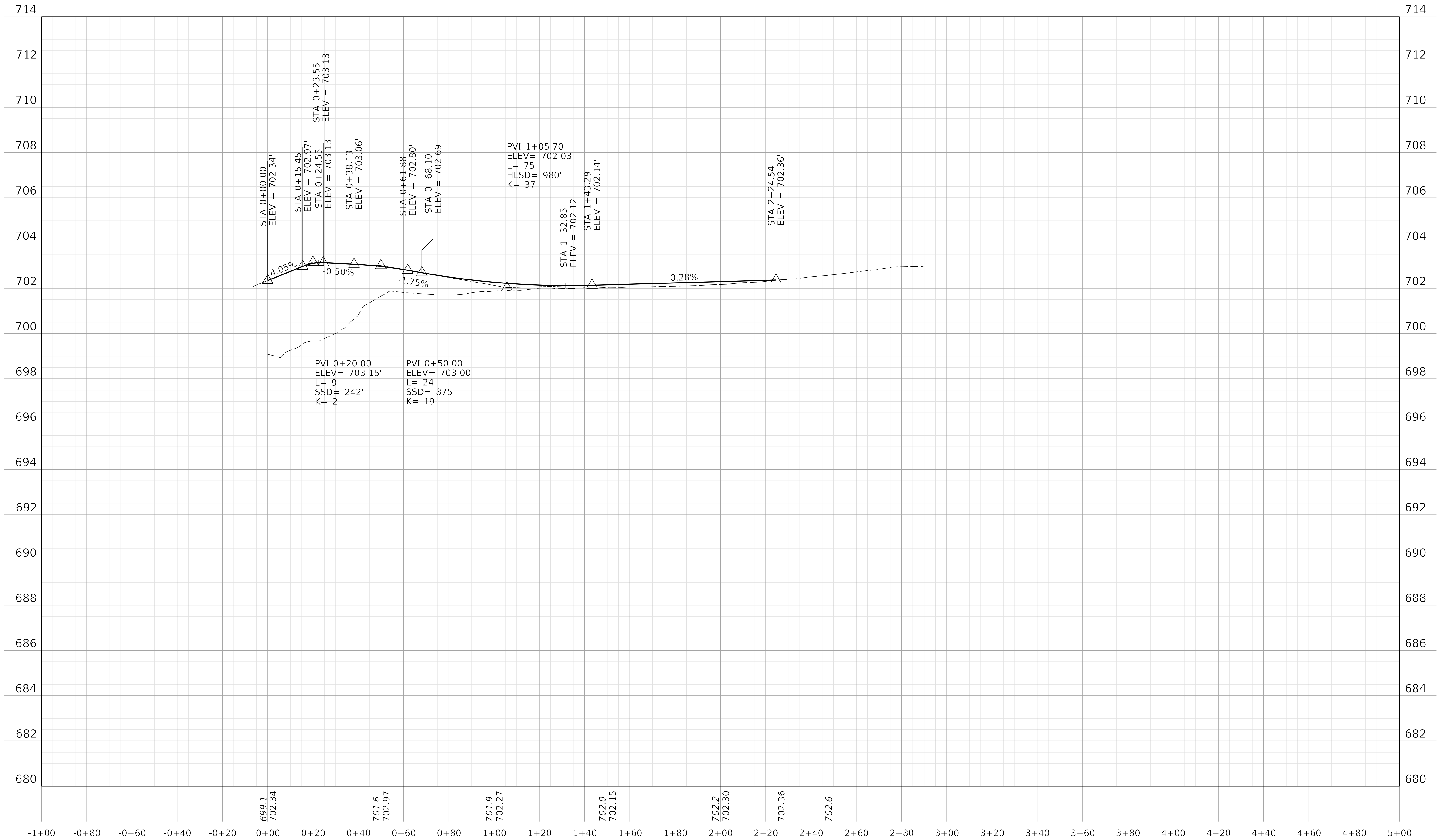
GENERAL SUMMARY

PIPE DRAINAGE SUMMARY

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PAVING AREAS





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