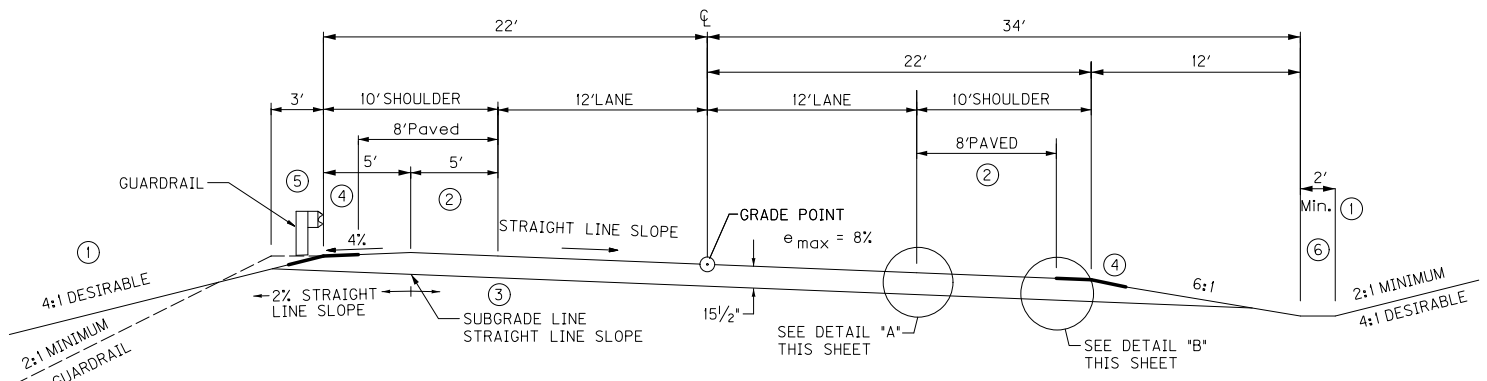
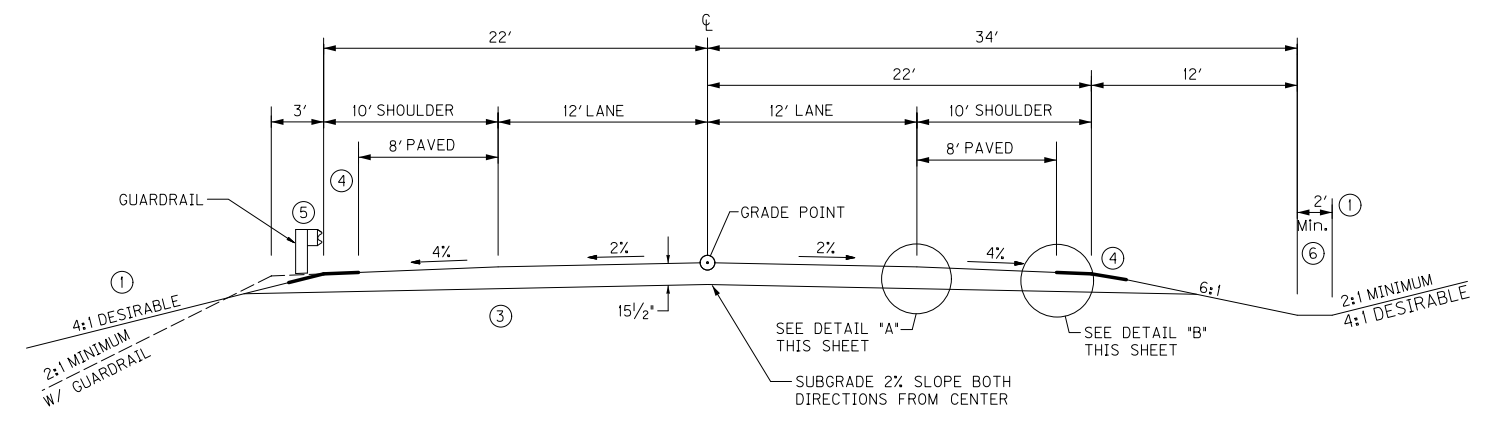


APPENDIX N
TYPICAL SECTION FOR KY 32
NORTH TO KY 799

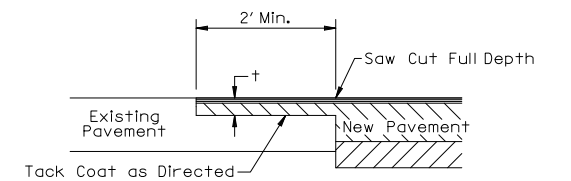
COUNTY OF	ITEM NO.	SHEET NO.
ROWAN	9-8406.00	R002

TYPICAL SECTIONS

SCALE: 1" = 5'



- NOTES**
- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
 - SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
 - REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF THE CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - BITUMINOUS SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE.
- ASPHALT SEAL COAT (12 APPLICATIONS) — ASPHALT SEAL COAT @ 2.40 LBS./S.Y. BITUMINOUS SEAL AGGREGATE @ 20 LBS./S.Y. (CRUSHED AGGREGATE SIZE NO.8 OR 9M)
- SHOULDERS SHALL BE WIDENED 3' WHERE GUARDRAIL IS TO BE INSTALLED.
 - SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.



N.T.S.

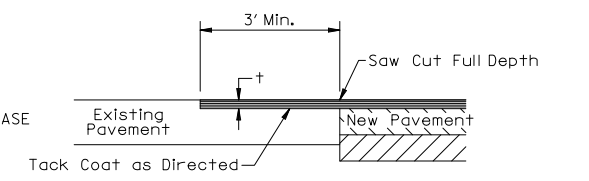
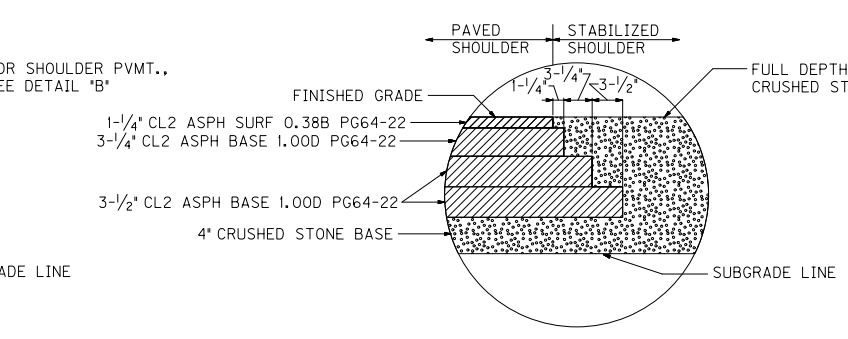
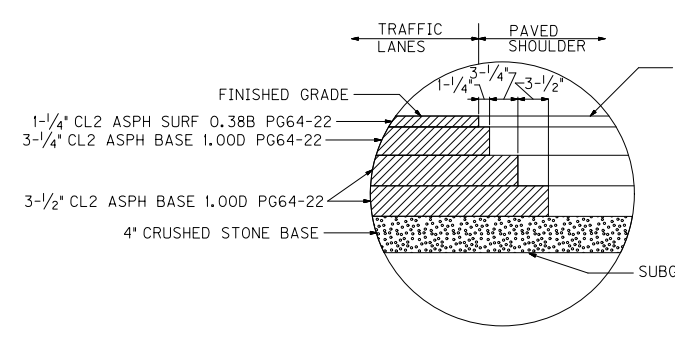
† = THICKNESS OF SURFACE COURSE AND FIRST BASE COURSE

Work under this item shall include cutting out the existing asphalt surface to a minimum depth and width as shown, so the new surface may heel into the existing surface. This work shall be incidental to construction of the asphalt concrete.

PAVEMENT SCHEDULE		
TRAFFIC LANES		
CRUSHED STONE BASE		4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22		10-1/4" DEPTH
CL 2 ASPH SURF 0.38B PG64-22		1-1/4" DEPTH
SHOULDERS		
CRUSHED STONE BASE		FULL DEPTH
CL 2 ASPH BASE 1.00D PG64-22		10-1/4" DEPTH
CL 2 ASPH SURF 0.38B PG64-22		1-1/4" DEPTH

NOTE:

PAVEMENT DESIGN SHOWN IS FOR ESTIMATING PURPOSES ONLY. THE PAVEMENT DESIGN WILL BE FINALIZED BASED ON THE RESULTS OF THE GEOTECHNICAL INVESTIGATION.



N.T.S.

† = THICKNESS OF SURFACE COURSE

Work under this item shall include cutting out the existing asphalt surface to a minimum depth and width as shown, so the new surface may heel into the existing surface. This work shall be incidental to construction of the asphalt concrete.

MAINLINE
RURAL TYPICAL SECTION
KY 377 RECONSTRUCTION

SCALE: 1"=5'

FILE NAME: T:\3919-KY 377 ROWAN\PHASE 1\SHEETS\TYPICAL SECTIONS\R00200TS.DGN
 USER: JSUGANTZ
 DATE PLOTTED: February 12, 2014
 E-SHEET NAME:
 MicroStation v8.11.7.443

TYPICAL SECTIONS

SCALE: 1" = 5'

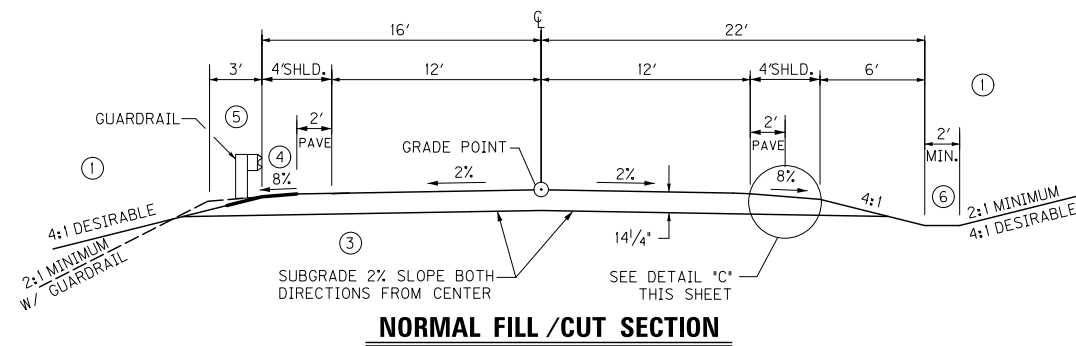
COUNTY OF	ITEM NO.	SHEET NO.
ROWAN	9-8406.00	RO02A

APPROACH/CONNECTOR ROAD SECTIONS (CONN. NO. 1, CONN. NO. 2, KY 799 NORTH, KY 799 SOUTH)

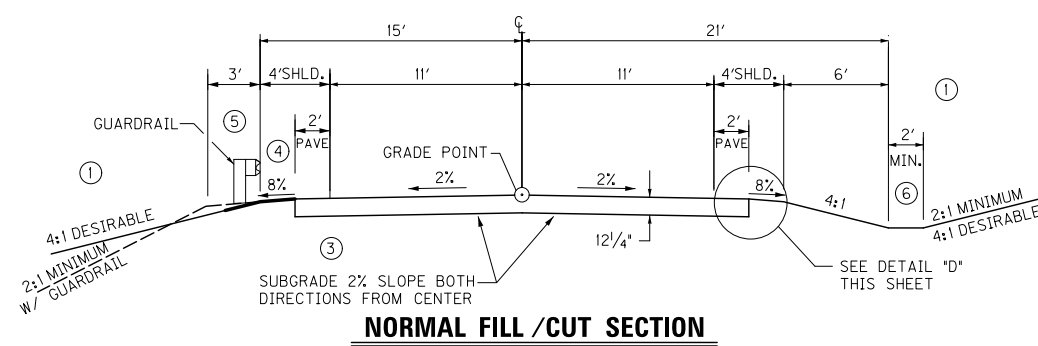
LOCAL ACCESS ROAD SECTION (RIDDLE LN, CIMARRON RD, MSU FARM RD, MELLWOOD RD, COUNTY RD LN, GRASSY LICK RD, LAR NO. 1, DREAMWEAVER, GORDON LANE, POND LICK BRANCH, OLD SPORTSMAN RD, DEBORD BRANCH RD, DEMOCRAT DR, CRANSTON CEMETARY RD 1 & 2, EMORY BRANCH RD, CLEAR FORK RD, CROSS CREEK RD)

NOTES

- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
- REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SHOULDERS SHALL BE WIDENED 3' WHERE GUARDRAIL IS TO BE INSTALLED.
- SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.

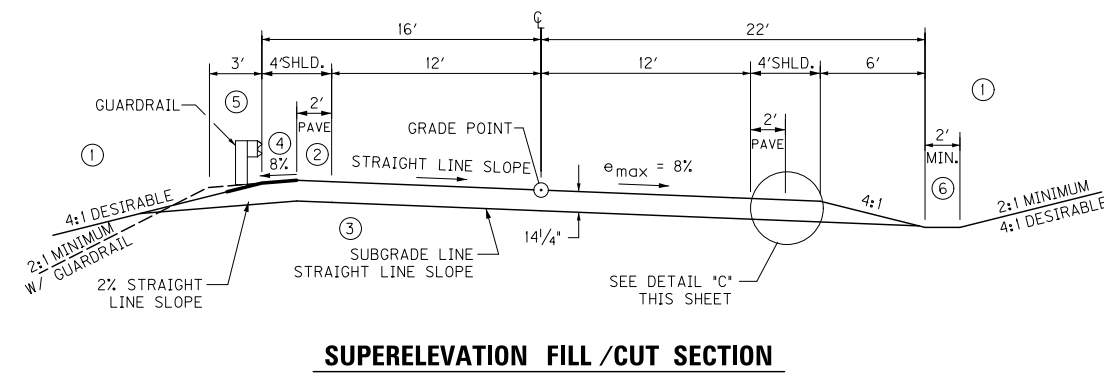


NORMAL FILL / CUT SECTION

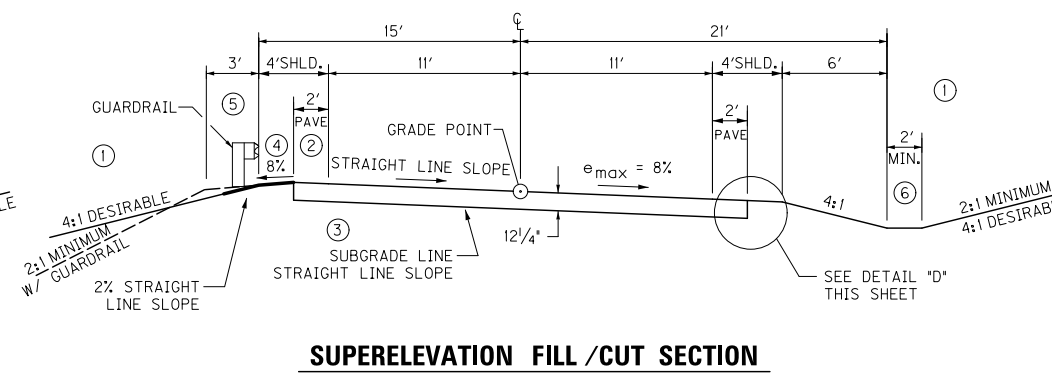


NORMAL FILL / CUT SECTION

APPROACH/CONNECTOR ROAD PAVEMENT SCHEDULE	
TRAFFIC LANES AND SHOULDERS	
CSB	4" DEPTH
CL2 ASPH BASE 1.00D PG64-22	9" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1-1/4" DEPTH
SHOULDERS	
CSB	FULL DEPTH
CL2 ASPH BASE 1.00D PG64-22	9" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1-1/4" DEPTH



SUPERELEVATION FILL / CUT SECTION

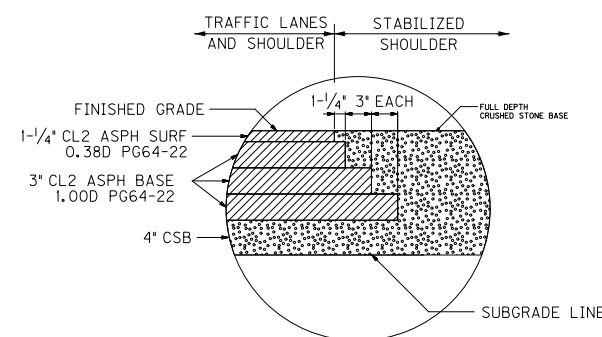


SUPERELEVATION FILL / CUT SECTION

LOCAL ACCESS ROAD PAVEMENT SCHEDULE	
TRAFFIC LANES AND SHOULDERS	
CSB	8" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1-1/4" DEPTH

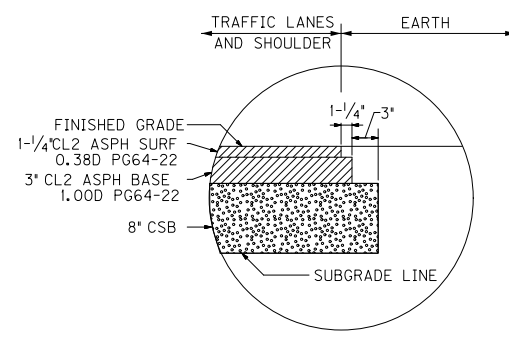
NOTE:

PAVEMENT DESIGN SHOWN IS FOR ESTIMATING PURPOSES ONLY. THE PAVEMENT DESIGN WILL BE FINALIZED BASED ON THE RESULTS OF THE GEOTECHNICAL INVESTIGATION.



DETAIL "C"

N.T.S.
TRAFFIC LANE PAVEMENT



DETAIL "D"

N.T.S.
L.A.R. PAVEMENT

FILE NAME: T:\3919-KY 377 ROWAN\PHASE 1\SHEETS\TYPICAL SECTIONS\RO02A.TS.DGN

USER: jMain
DATE PLOTTED: February 13, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

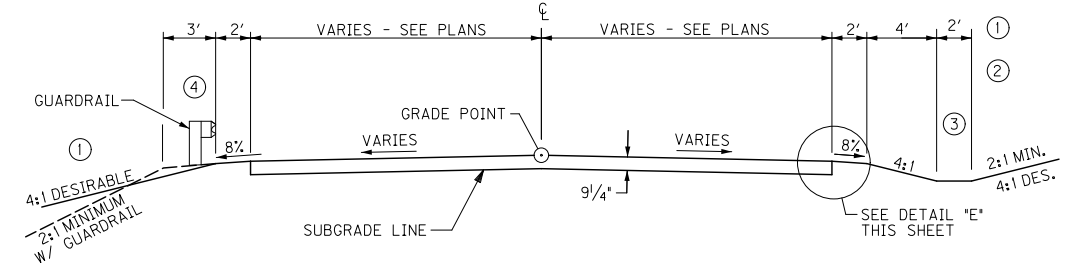
SCALE: 1"=5'

APPROACH, CONN. & LOCAL ACCESS RD
RURAL TYPICAL SECTIONS
KY 377 RECONSTRUCTION

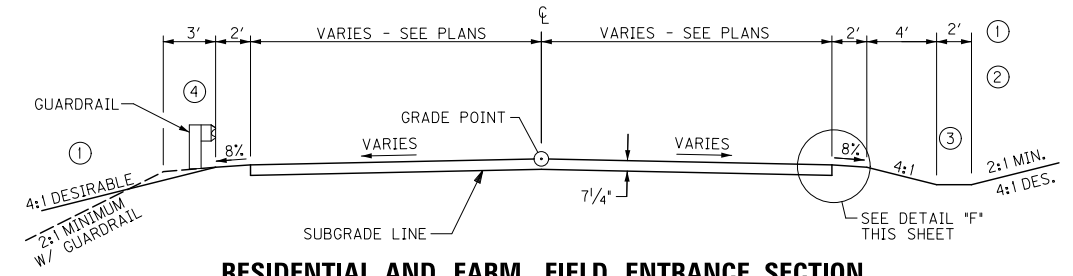
COUNTY OF	ITEM NO.	SHEET NO.
ROWAN	9-8406.00	R002B

TYPICAL SECTIONS

SCALE: 1" = 5'

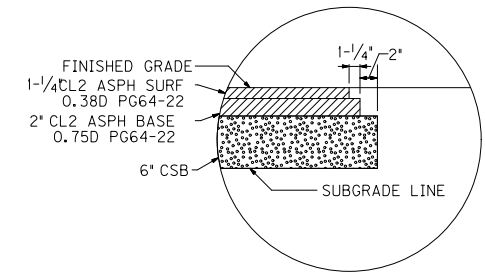


COMMERCIAL ENTRANCE SECTION

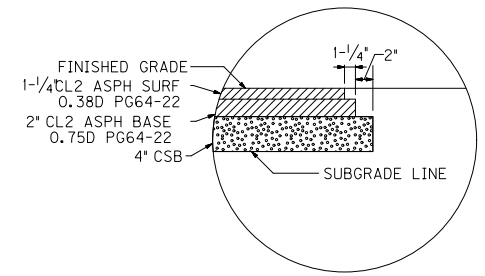


RESIDENTIAL AND FARM FIELD ENTRANCE SECTION

- NOTES**
- ① FOR ROCK SLOPES, SEE CROSS SECTIONS.
 - ② SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
 - ③ SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.
 - ④ SHOULDERS SHALL BE WIDENED 3' WHERE GUARDRAIL IS TO BE INSTALLED.



DETAIL "E"
N.T.S.
COMMERCIAL ENTRANCE PAVEMENT



DETAIL "F"
N.T.S.
RESIDENTIAL AND FARM ENTRANCE PAVEMENT

SCALE: 1" = 5'

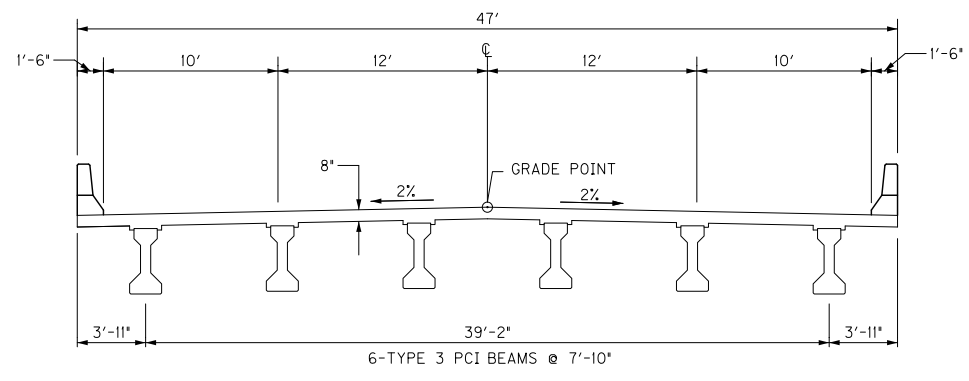
LOCAL ACCESS ROAD & ENTRANCE
TYPICAL SECTION
KY 377 RECONSTRUCTION

FILE NAME: T:\3919-KY 377 ROWAN\PHASE 1\SHEETS\TYPICAL SECTIONS\R0020BTS.DGN
 USER: JSIugantz
 DATE PLOTTED: February 12, 2014
 E-SHEET NAME:
 MicroStation v8.11.7.443

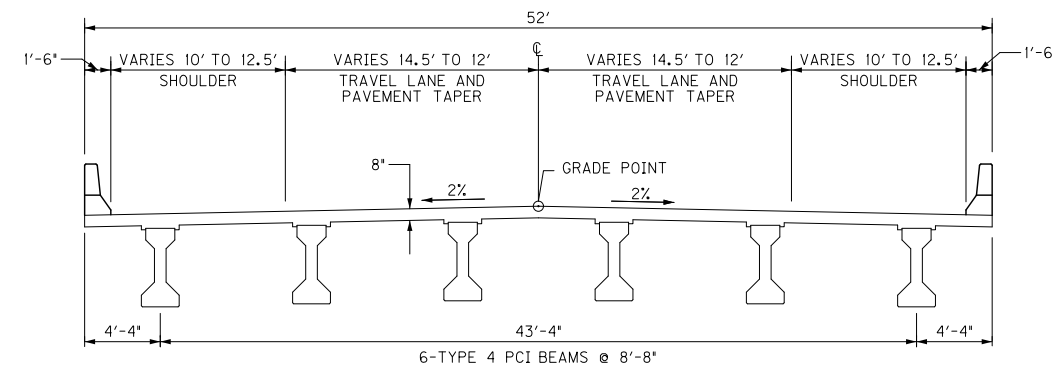
COUNTY OF	ITEM NO.	SHEET NO.
ROWAN	9-8406.00	R002C

TYPICAL SECTIONS

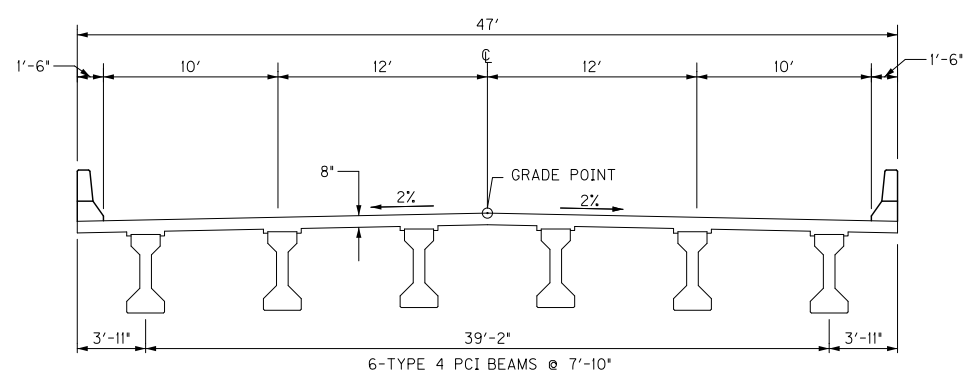
SCALE: 1" = 5'



PROPOSED 2-LANE BRIDGE TYPICAL
BRUSHY CREEK



PROPOSED 2-LANE BRIDGE TYPICAL
CLEAR FORK



PROPOSED 2-LANE BRIDGE TYPICAL
ROCK FORK

FILE NAME: T:\3919-KY 377 ROWAN\PHASE 1\SHEETS\TYPICAL SECTIONS\R002C.TS.DGN
 USER: JSJugantz
 DATE PLOTTED: February 26, 2014
 E-SHEET NAME:
 MicroStation v8.11.7.443

SCALE: 1"=5'

BRIDGE TYPICALS
 TYPICAL SECTIONS
 KY 377 RECONSTRUCTION