BULLITT COUNTY					
GARDSTOWN-SHEPHERDSVILLE RD. (KY. 245)					
SP 15-334 RS 312 (9)					
FED. ROAD DIST. NO	STATE		FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.		1971	1	372

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

BULLITT
RS 312 (9)

SUBSECTION OF CONTRACT RS 312 (9) SP 15-334-6
15-334-6CI GRADE DRAIN AND SURFACE FROM STA. 13+00
TO STA. 332+44.52.

CHECKED & VERIFIED
R/W DIVISION
Tom P. Mann DATE 9-18-75
DIRECTOR R-W DIVISION

AS BUILT PLANS
C. L. Sayers
DIRECTOR - Division of Construction
Date 10/7/74

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	LAYOUT SHEET
2 - 2g	TYPICAL SECTIONS—SUMMARY OF QUANTITIES---
2h - 21	GENERAL NOTES
3 - 16	PLAN AND PROFILE SHEETS
17 - 34e	DETAIL SHEETS
35 - 36	REFERENCE SHEETS
37 - 38	RIGHT OF WAY SUMMARY SHEETS
39 - 44	RIGHT OF WAY STRIP MAPS
45 - 56	SOIL PROFILE SHEETS
57 - 78	PIPE SHEETS
79 - 293	CROSS SECTION SHEETS

* DEED BOOK & PAGE # ON R/W SUMMARY SHEETS

Sheets Not Included in sheet Totals
2a, 2b, 2c, 2d, 2e, 2f, 2g, 2h, 2i 34a, 34b, 34c, 34d, & 34e

LIST OF STANDARD DRAWINGS

10.01a Curve Widening and Superelevation.
10.03h Miscellaneous Standards Part 1.
10.04h Miscellaneous Standards Part 2.
10.11 Typical Embankment Foundation Benches.
10.12a Paved Ditch (Type 1.)
11.01c Drainage Pipe Standards (Circular Pipe).
11.03e 30"-36"-42" Diameter Pipe Culverts @ 0° Skew.
11.04d 48"-54"-60" Diameter Pipe Culverts @ 0° Skew.
11.05e 30"-36"-42" Diameter Pipe Culverts @ 15° Skew.
11.06e 48"-54"-60" Diameter Pipe Culverts @ 15° Skew.
11.07c 30"-36"-42" Diameter Pipe Culverts @ 30° Skew.
11.09 f 30"-36"-42" Diameter Pipe Culverts @ 45° Skew.
11.16C U-Type Headwalls
11.22c Pipe Bedding Details.
11.23c Circular Pipe and Non-Circular Pipe Charts
11.26b 66" Diameter Pipe Culvert @ 15° Skew.
11.43C Pipe Bedding and Projection Limit Details.
11.44a Pipe Bedding and Projection Limit Details.
11.45b 15"-18"-24" Ditch Box Inlet Type 1
11.51a Perforated Pipe Standards.
11.52d Subgrade Drainage Details.
11.53c Perforated Pipe Underdrain.
11.54b Perforated Pipe Details.
11.55b Perforated Pipe Headwalls.

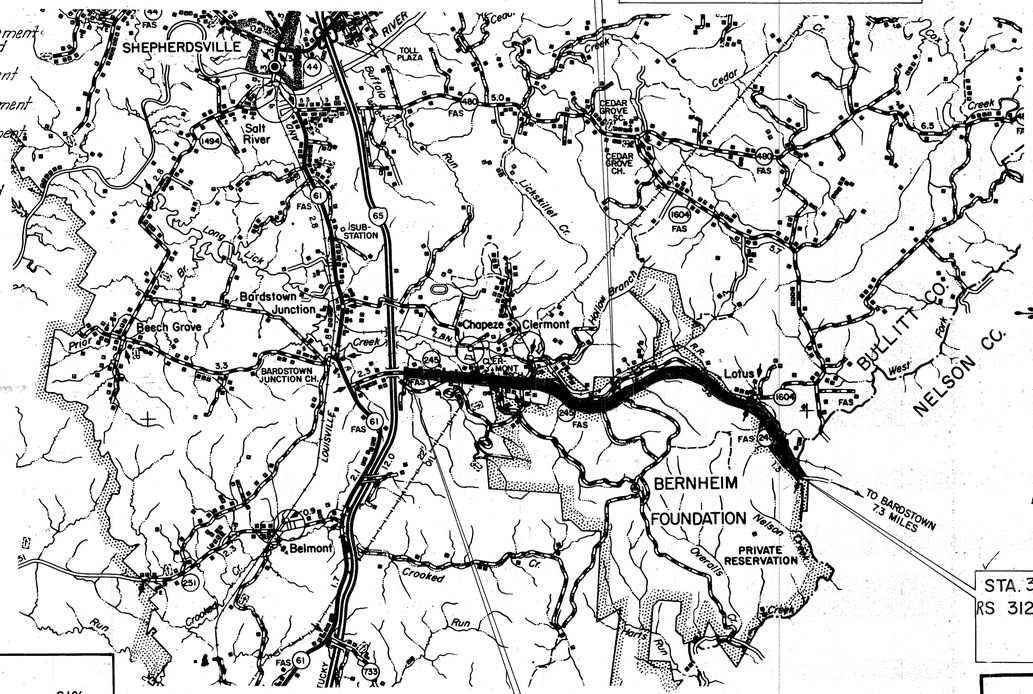
14.08a Island Curb Construction Details.

14.11a 4' Rail Barrier Medians
15.08d Miscellaneous Drainage Structures - Part 3
17.01d Right-of-Way Fence.
17.02a Right of Way Fencing Details
17.03L Steel Beam Guard Rail.
17.04k Typical Guard Rail Installations
17.16C Guard Rail End Treatment and Terminal Sections.

16.01n Cement Concrete Pavement
16.02h Contraction Joint Load Transfer Assembly.
16.04d Station Markings Cement Concrete Pavement
16.05e Cement Concrete Pavement Joint Details.
16.08b Cement Concrete Pavement Joint Types & Spacing
18.21b Matting
18.23a Netting
16.06b Expansion Joint Load Transfer Assembly.

TOTAL STD. DRAWINGS 39
TOTAL BRIDGE SHEETS 27

EQUATION STA. 178+20.32 BK.
STA. 177+50.00 AHD.



STA. 332+44.52 END
RS 312 (9), SP 15-334

STA. 13+00.00 BEGIN
RS 312 (9), SP 15-334-

GRAPHIC SCALE IN MILES
0 1 2 3 4

LAYOUT MAP
1 / 62,500

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT FROM STA. 21+00.00 LT. & 21+00.00 RT. TO STA. 332+44.52

THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY FROM KY. TURNPIKE (I-65) TO STA. 21+00.00 LT. AND RT.

THESE PLANS ARE FOR GRADE, DRAIN & SURFACING

DESIGN CRITERIA

CLASS OF HIGHWAY	2
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	60 M.P.H.
REQUIRED NPSD	475
REQUIRED PSD	2100
LEVEL OF SERVICE	C
ADT (1966)	2190
ADT (1988)	4600
DVH (1988)	600
D %	50
T %	5

DESIGNED

% UNRESTRICTED 1500 SD 52 %
LEVEL OF SERVICE C
MAX. DISTANCE W/O PASSING 2.5 mi.

DESIGNED

PSD HORIZONTAL	61%
PSD VERTICAL	75%
PSD COMBINED (TOTAL)	24%

CONVENTIONAL SIGNS

UNIMPROVED ROAD
GRADE AND DRAINED ROAD
SOIL SURFACE ROAD
METAL SURFACED ROAD
LOW TYPE BITUMINOUS ROAD
PAVED ROAD
COUNTY LINE
CORPORATE LIMITS
SURVEY LINE
PROPOSED RIGHT OF WAY
GRADE LINE
GROUND LINE
TRAVELED WAY
RAILROAD
FENCES (EXCEPT STONE & HEDGE)
STONE FENCE
HEDGE FENCE
TREES & STUMPS
PIPE LINE
TELEPHONE POLES
PIPE CULVERT
CONCRETE CULVERT & BRIDGE
LARGE STREAM
SMALL STREAM
BENCH MARKS
ROAD INTERSECTIONS
MARSH
BUILDINGS

Gross Length	Lin. Ft.	Miles	Gross Length	Lin. Ft.	Miles	Gross Length	Lin. Ft.	Miles	Gross Length	Lin. Ft.	Miles
32014.84	6063										
Added / Deducted	For Equalities 70.32	Lin. Ft.	Added / Deducted	For Equalities	Lin. Ft.	Added / Deducted	For Equalities	Lin. Ft.	Added / Deducted	For Equalities	Lin. Ft.
Net Length 32014.84	Lin. Ft. 6.063	Miles	Net Length	Lin. Ft.	Miles	Net Length	Lin. Ft.	Miles	Net Length	Lin. Ft.	Miles
NOT INCLUDED			NOT INCLUDED			NOT INCLUDED			NOT INCLUDED		
Railroad Crossings No.		Lin. Ft.	Railroad Crossings No.		Lin. Ft.	Railroad Crossings No.		Lin. Ft.	Railroad Crossings No.		Lin. Ft.
Bridges		Lin. Ft.	Bridges		Lin. Ft.	Bridges		Lin. Ft.	Bridges		Lin. Ft.

PREPARED AND SUBMITTED
DATE October 10, 1969
BY: WRIGHT, MORGAN, BROWN & MCKNIGHT, INC.
SECTION ENGINEER
BY: Clyde E. Brown
KY. REGISTRATION NO. 3309

CLYDE E. BROWN 3309 REGISTERED PROFESSIONAL ENGINEER STATE OF KENTUCKY

KENTUCKY DEPARTMENT OF HIGHWAYS
COUNTY OF
BULLITT
BARDSTOWN — SHEPHERDSVILLE (KY. 245)
ROAD

STATE PROJECT No. SP 15-334-6 RS 312 (9) DATE 1971

DESIGNED BY: 19 BY M.B. Framster 5/12/71
DESIGN ENGINEER
APPROVED 5/24/19 71 BY B.R. Flowers Jr.
DIRECTOR OF TRAFFIC
PLAN CHECKED 19 BY
CHIEF DRAFTSMAN
SURVEY AND PLAN APPROVED 6-18-19 71 BY E.B. Watkins
DIRECTOR OF DESIGN
SURVEY AND PLAN APPROVED 6-18-19 71 BY L.S. Harbison
STATE HIGHWAY ENGINEER

APPROVED
76
COMMISSIONER OF HIGHWAYS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
DIVISION ENGINEER DATE

	DATE	NO. SETS
SENT FOR FEDERAL APPROVAL	11-15-71	2
RECORD PLANS	12-23-71	9
CONSTRUCTION PLANS		

REVIEWED BY: DIVISION OF CONSTRUCTION 12-22-71 DATE

FILE 12-13-71

PLANS TRACED BY: Field
PLANS CHECKED BY: ACC. DWG. IND.
FINAL CHECK BY:

AS BUILT

MICROFILMED-75

LETTING DATE 11-19-71

CONSTRUCTION REVISION No. 1
SHEET 1 of 5

BULLITT COUNTY					
BARDSTOWN-SHEPHERDSVILLE RD. (KY. 245)					
SP 15-334			RS 312 (9)		
FED. ROAD DIST. NO.	STATE		FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.		1971	1	372

1A

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

BULLITT
RS 312 (9)

SUBSECTION OF CONTRACT RS312(9) SP15-334-6
15-334-6C1 GRADE DRAIN AND SURFACE FROM STA.13+00
TO STA.332+44.52.

KY. DEPT. OF H'WAYS.
STA. 110+00 TO STA.
CONST. REVISION NO. 1
SEE CH'G. ORDER NO. 4
SUBMITTED BY Hugh M Johnson 1-21-74 RES. ENGR. DATE
RECOMMENDED FOR APPROVAL BY H.R. Oats 1-23-74 DIST. ENGR. DATE
RECOMMENDED FOR APPROVAL BY C. L. Fay 1-25-74 DIR. OF CONST. DATE
APPROVED BY Geo. A. Kemper 1-28-74 PROJECTS ENGR.

* Note: Section of project Sta. 110+00 to 143+00 abandoned due to heavy slide area. New description noted on this sheet.

CHECKED & VERIFIED
R/W DIVISION

INDEX OF SHEETS

Sheets Not Included in Sheet Totals
2a, 2b, 2c, 2d, 2e, 2f, 2g, 2h, 2i 34a, 34b, 34c, 34d, & 34e

LIST OF STANDARD DRAWINGS

10.01a Curve Widening and Superelevation
10.03h Miscellaneous Standards Part 1
10.04h Miscellaneous Standards Part 2
10.11 Typical Embankment Foundation Benches
10.12a Paved Ditch (Type 1)
11.01c Drainage Pipe Standards (Circular Pipe)
11.03e 30"-36"-42" Diameter Pipe Culverts @ 0° Skew
11.04d 48"-54"-60" Diameter Pipe Culverts @ 0° Skew
11.05e 30"-36"-42" Diameter Pipe Culverts @ 15° Skew
11.06e 48"-54"-60" Diameter Pipe Culverts @ 15° Skew
11.07c 30"-36"-42" Diameter Pipe Culverts @ 30° Skew
11.08 f 30"-36"-42" Diameter Pipe Culverts @ 45° Skew
11.16C U-Type Headwalls
11.22c Pipe Bedding Details
11.23c Circular Pipe and Non-Circular Pipe Charts
11.26b 66" Diameter Pipe Culvert @ 15° Skew
11.43C Pipe Bedding and Projection Limit Details
11.44a Pipe Bedding and Projection Limit Details
11.45b 15"-18"-24" Ditch Box Inlet Type 1
11.51a Perforated Pipe Standards
11.52d Subgrade Drainage Details
11.53c Perforated Pipe Underdrain
11.54b Perforated Pipe Details
11.55b Perforated Pipe Headwalls

14.08a Island Curb Construction Details

14.11a 4" Roll Barrier Medians
15.08d Miscellaneous Drainage Structures - Part 3
17.01d Right-of-Way Fence
17.02a Right of Way Fencing Details
17.03L Steel Beam Guard Rail
17.04k Typical Guard Rail Installations
17.16C Guard Rail End Treatment and Terminal Sections

16.01n Cement Concrete Pavement
16.02h Contraction Joint Load Transfer Assembly
16.04d Station Markings Cement Concrete Pavement
16.05e Cement Concrete Pavement Joint Details
16.08b Cement Concrete Pavement Joint Types & Spacing
18.21b Matting
18.23a Netting
16.06b Expansion Joint Load Transfer Assembly

TOTAL STD. DRAWINGS 39
TOTAL BRIDGE SHEETS 27

DESIGN CRITERIA

CLASS OF HIGHWAY	2
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	60 MPH
REQUIRED NPSD	475'
REQUIRED PSD	2100'
LEVEL OF SERVICE	C
ADT (1966)	2190
ADT (1988)	4600
DVH (1988)	600
D %	50
T %	5

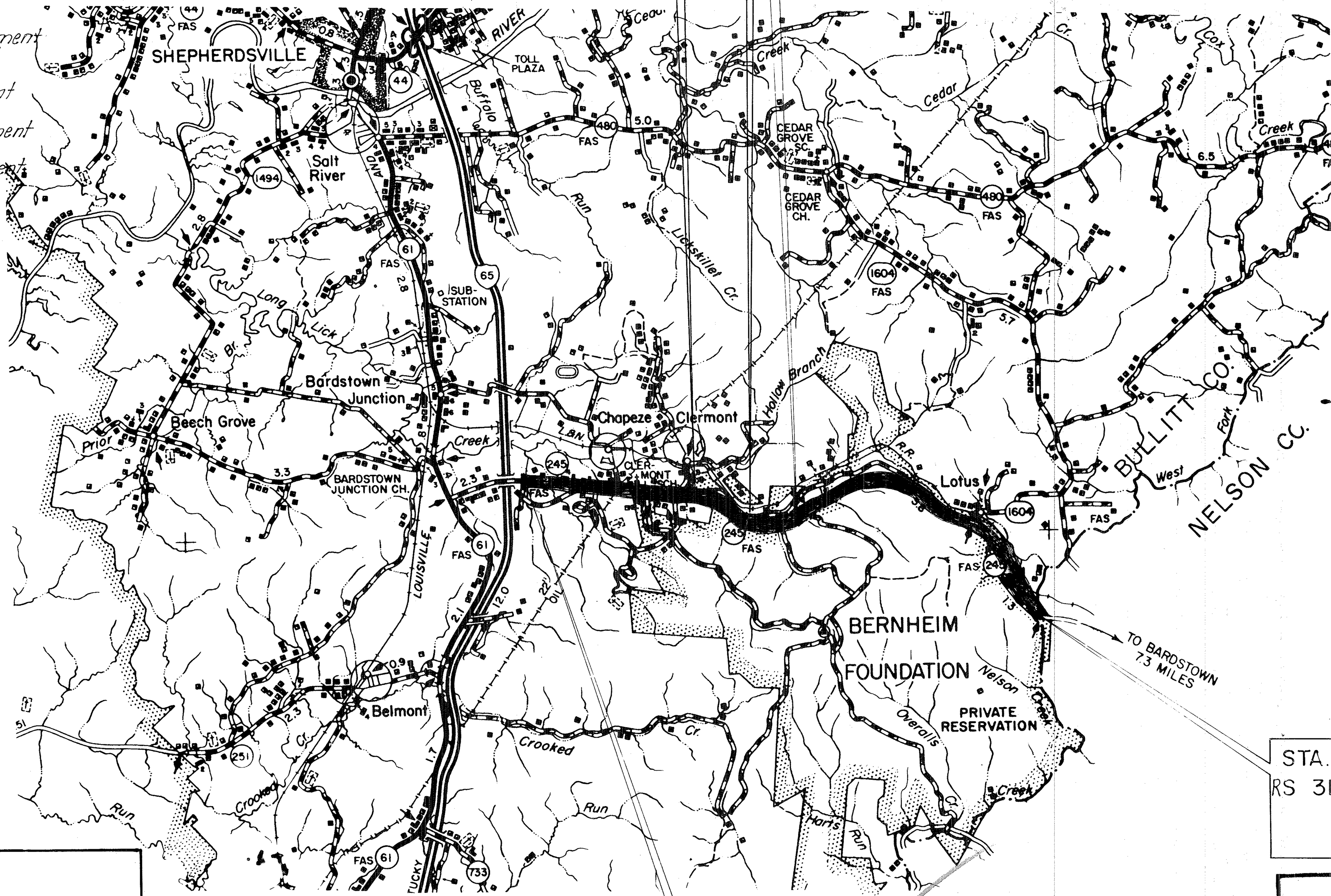
DESIGNED

% UNRESTRICTED 1500 SD	52 %
LEVEL OF SERVICE	C
MAX. DISTANCE W/O PASSING	2.5 mi.

STA. 110+00.00 END
RS 312 (9), SP15-334
SECTION 1

STA. 143+00.00 BEGIN
RS 312 (9), SP15-334
SECTION 2

EQUATION STA. 178+20.32 BK.
STA. 177+50.00 AHD.



THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT FROM STA. 21+00.00 LT. & 21+00.00 RT. TO STA. 332+44.52

THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY FROM KY TURNPIKE (I-65) TO STA. 21+00.00 LT. AND RT.

AS BUILT PLANS
C. L. Fay
DIRECTOR – Division of Construction
Date 10/2/74

THESE PLANS ARE FOR GRADE, DRAIN & SURFACING

STA. 332+44.52 END
RS 312 (9), SP 15-334
SECTION 2

STA. 13+00.00 BEGIN
RS 312 (9), SP 15-334-
SECTION 1

PREPARED AND SUBMITTED
DATE October 10, 1969
BY: WRIGHT, MORGAN, BROWN & MCKNIGHT, INC. SECTION ENGINEER
BY: Clyde E. Brown KY. REGISTRATION NO. 3309

STATE OF KENTUCKY CLYDE E. BROWN 3309 REGISTERED PROFESSIONAL ENGINEER

DESIGNED

PSD HORIZONTAL	61%
PSD VERTICAL	75%
PSD COMBINED (TOTAL)	24%

GRAPHIC SCALE IN MILES
0 1 2 3 4

LAYOUT MAP

1 : 62,500

CONVENTIONAL SIGNS

UNIMPROVED ROAD
GRADE AND DRAINED ROAD
SOIL SURFACE ROAD
METAL SURFACED ROAD
LOW TYPE BITUMINOUS ROAD
PAVED ROAD
COUNTY LINE
CORPORATE LIMITS
SURVEY LINE
PROPOSED RIGHT OF WAY
GRADE LINE
GROUND LINE
TRAVELED WAY
RAILROAD
FENCES (EXCEPT STONE & HEDGE)
STONE FENCE
HEDGE FENCE
TREES & STUMPS
PIPE LINE
TELEPHONE POLES
PIPE CULVERT
CONCRETE CULVERT & BRIDGE
LARGE STREAM
SMALL STREAM
BENCH MARKS
ROAD INTERSECTIONS
MARSH
BUILDINGS

	SECTION 1	SECTION 2	TOTAL SECTION 1 & 2	
GROSS LENGTH	9700.00 LIN. FT. 1.837 MILES	19014.84 LIN. FT. 3.601 MILES	28,714.84 LIN. FT. 5.438 MILES	LIN. FT. MILES
ADDED / DEDUCTED FOR EQUALITIES	LIN. FT.	70.32 LIN. FT.	70.32 LIN. FT.	LIN. FT.
NET LENGTH	9700.00 LIN. FT. 1.837 MILES	19014.84 LIN. FT. 3.601 MILES	28,714.84 LIN. FT. 5.438 MILES	LIN. FT. MILES
NOT INCLUDED				
RAILROAD CROSSINGS NO.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.
BRIDGES	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.

KENTUCKY
DEPARTMENT OF HIGHWAYS
COUNTY OF
BULLITT
BARDSTOWN — SHEPHERDSVILLE (KY. 245)
ROAD
STATE PROJECT No. SP 15-334-6 RS 312 (9) DATE 1971

DESIGNED BY: 19 BY M.B. Framster 5/12/71 DESIGN ENGINEER
APPROVED 5/24/71 BY B.R. Flener DIRECTOR OF TRAFFIC
PLAN CHECKED 19 BY CHIEF DRAFTSMAN
SURVEY AND PLAN APPROVED 6-18-71 BY E. B. Gaither Jr. DIRECTOR OF DESIGN
SURVEY AND PLAN APPROVED 19 BY STATE HIGHWAY ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED:
DIVISION ENGINEER DATE

SENT FOR FEDERAL APPROVAL
RECORD PLANS
CONSTRUCTION PLANS
NO. SETS DATE

REVIEWED BY
DIVISION OF CONSTRUCTION

PLANS TRACED BY
PLANS COMPLETED BY
PLANS CHECKED BY
FINAL CHECK BY

LETTING DATE

MLYAR X-SECTIONS ARE SUITABLE FOR FINAL QUANTITIES

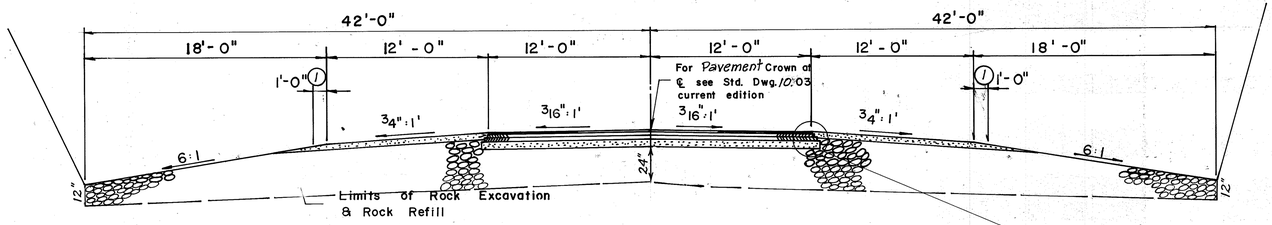
BULLIT COUNTY
BARDSTOWN-SHEPHERDSVILLE RD(KY245)
SP15-334 RS 312 (9)

FED. DIST. ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	2	312

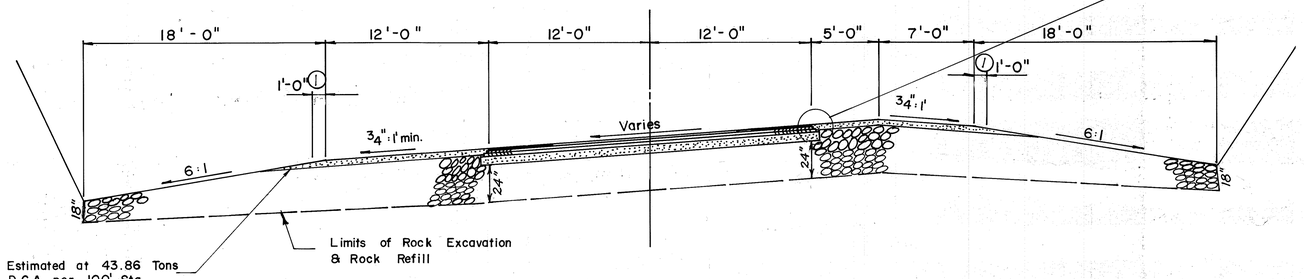
2

TYPICAL SECTIONS

MAIN LINE

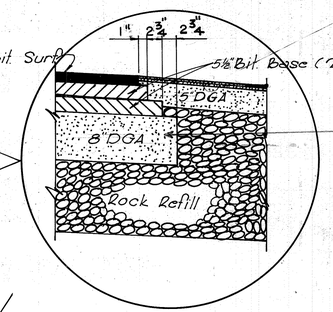


NORMAL – CUT



SUPERELEVATED – CUT

SHOULDER DETAIL



NOTE (1) DUE TO CHANGE FROM ROCK SUBGRADE TO DIRT SUBGRADE DGA WAS CHANGED FROM 8" TO 10 1/2" @ 13+00 - 116+00

PAVEMENT EDGE DETAIL

Note: The 24" undercut line as shown on Typical Sections shall govern over Cross-Sections.

NEW CONSTRUCTION

GRADE, DRAIN AND FLEXIBLE PAVEMENT

USING

APPROXIMATELY 13 1/2" BASE ..... 8" ± Compacted Depth Dense Graded Aggregate Base
5 1/2" Class "I" Base — [Compacted Bituminous Concrete Base (2-2 3/4" Courses)

See Cross-Section for slopes outside the limits of the Shoulder.

TACK COAT ..... 0.10 Gal. per sq. yd. Apply as directed by the Engineer

APPROXIMATELY 1" Class "I" Surface ..... 1" Compacted Depth Bituminous Concrete Surface, Type "A"

STABILIZED SHOULDER .....
one lift of Rock Excavation Constructed in accordance with Special Provision No. 41a.
Rock Topfill or Rock Refill
5" ± Compacted Depth Dense Graded Aggregate Base
0.35 Gal. per sq. yd. RT-2 or AE Primer L
0.30 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
70 Lbs. per sq. yd. Crushed Stone Size No. 78 (Compacted by pneumatic rolling)
0.35 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
15 Lbs. per sq. yd. Crushed Stone Size No. 8 (Compacted by pneumatic rolling)

(1) 0.25 Gal. per sq. Yd. Rs-2 or Rc-800 (Seal Coat)

(1) 20 lbs. per sq. Yd. Crushed Stone Size No. 8

(1) The last course of Oil and Stone shall extend down the slope one foot.

MLYAR X-SECTIONS ARE SUITABLE FOR FINAL QUANTITIES

CONSTRUCTION REVISION No. 1
SHEET 2 OF 5

BULLIT COUNTY
BARDSTOWN-SHEPHERDSVILLE RD(KY245)
SP15-334 RS 312 (9)

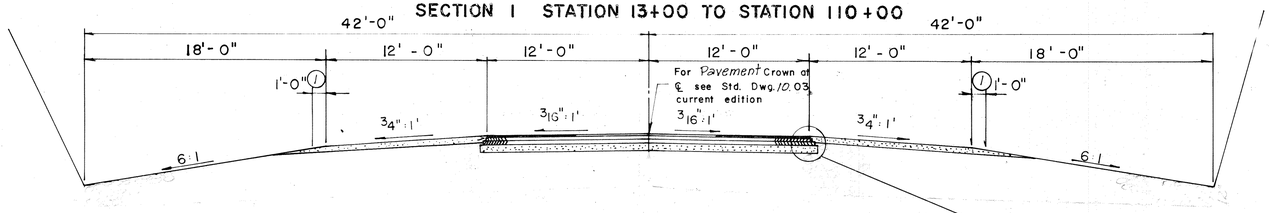
FED. DIST. ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	2	372

2A

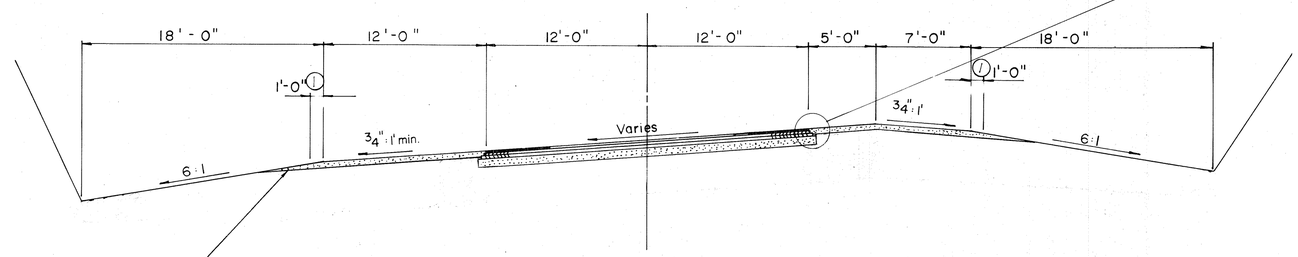
TYPICAL SECTIONS

MAIN LINE

SECTION 1 STATION 13+00 TO STATION 110+00

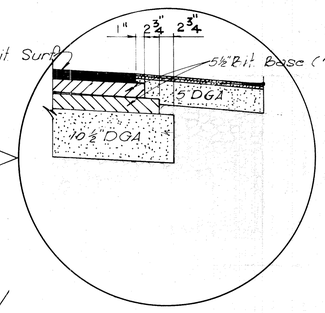


NORMAL – CUT



Estimated at 43.86 Tons D.G.A. per 100' Sta.

SHOULDER DETAIL



PAVEMENT EDGE DETAIL

SUPERELEVATED – CUT

NEW CONSTRUCTION

GRADE, DRAIN AND FLEXIBLE PAVEMENT

USING

APPROXIMATELY 16" BASE ..... 10½" Compacted Depth Dense Graded Aggregate Base
5½" Class "I" Base ..... Compacted Bituminous Concrete Base (2-2¾" Courses)

TACK COAT ..... 0.10 Gal. per sq. yd. Apply as directed by the Engineer

APPROXIMATELY 1" Class "I" Surface ..... 1" Compacted Depth Bituminous Concrete Surface, Type "A"

STABILIZED SHOULDER .....
5" Compacted Depth Dense Graded Aggregate Base
0.35 Gal. per sq. yd. RT-2 or AE Primer L
0.30 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
70 Lbs. per sq. yd. Crushed Stone Size No. 78 (Compacted by pneumatic rolling)
0.35 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
15 Lbs. per sq. yd. Crushed Stone Size No. 8 (Compacted by pneumatic rolling)

(1) 0.25 Gal. per Sq. Yd. RS-2 or RC-800 (Seal Coat)
(1) 20 lbs. per Sq. Yd. Crushed Stone Size No. 8

(1) The last course of Oil and Stone shall extend down the slope one foot.

See Cross-Section for slopes outside the limits of the Shoulder.

KY. DEPT. OF H'WAYS.
STA. ____ TO ____ STA. ____
CONST. REVISION NO. 1
SEE CH'G. ORDER NO. 4
SUBMITTED BY Hugh W. Johnson RES. ENGR. 1-22-74 DATE
RECOMMENDED FOR APPROVAL BY H.W. Watts DIST. ENGR. 1-23-74 DATE
RECOMMENDED FOR APPROVAL BY ____ DIR. OF CONST. ____ DATE
APPROVED BY ____ PROJECTS MANAGEMENT ENGR. ____ DATE

Note: Original typical section Sta. 13+00 to 110+00 changed due to fact rock fill was not available because of decision to not remove rock excavation from slide area Sta. 110-143.
(Typical as driven constructed. Earth Sub-grade with 10½" DGA instead of 8" DGA & Rock foundation.)

CONSTRUCTION REVISION No. 1
SHEET 3 OF 5

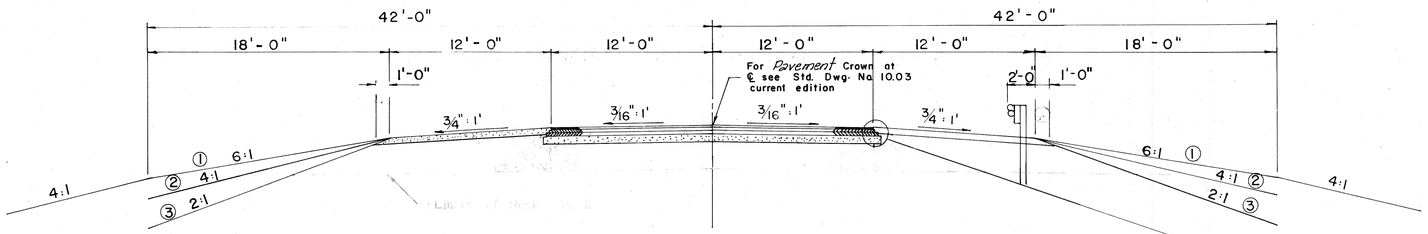
BULLITT COUNTY BARDSTOWN-SHEPHERDSVILLE RD (KY 245) SP15-334 RS 312 (3)				
FED. DIST. ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	F2A	372

2B

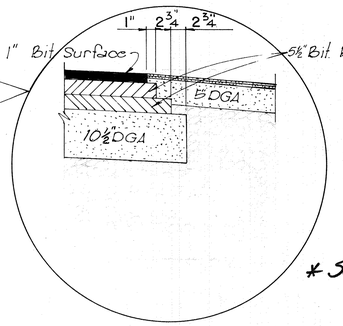
TYPICAL SECTIONS

MAIN LINE

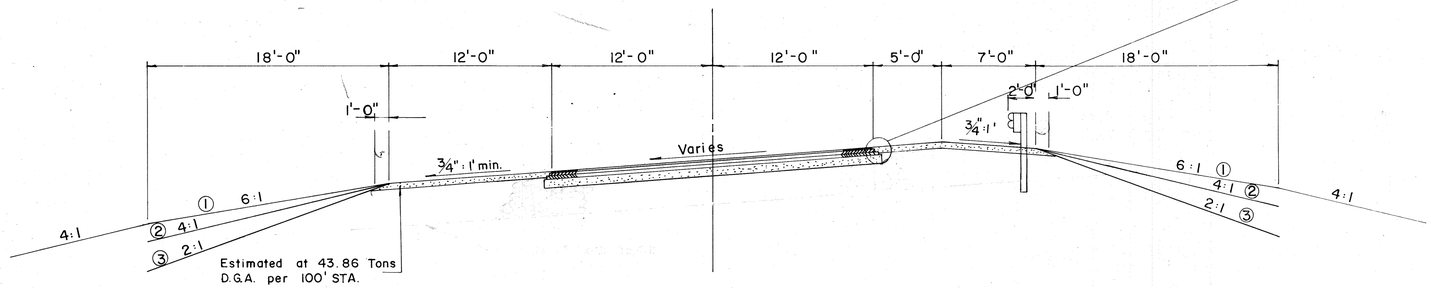
SECTION 1 STATION 13+00 TO STATION 110+00



NORMAL— FILL



* See Note Page 2



PAVEMENT EDGE DETAIL

KY. DEPT. OF H'WAYS.
STA. ____ TO STA. ____
CONST. REVISION NO. 1
SEE CH'G. ORDER NO. 4
SUBMITTED BY Hughett Johnson Jr. RES. ENGR. 1-21-74 DATE
RECOMMENDED FOR APPROVAL BY H.R. Potts Jr. DIST. ENGR. 1-23-74 DATE
RECOMMENDED FOR APPROVAL BY ____ DIR. OF CONST. DATE
APPROVED BY ____ PROJECTS MANAGEMENT

① For ~~Fills Under 10'~~
② For Fills 10'-20'
③ For Fills Over 20' or 10'—20' with Guard Rail

SUPERELEVATED— FILL

NEW CONSTRUCTION

GRADE, DRAIN AND FLEXIBLE PAVEMENT

USING

APPROXIMATELY 16" BASE ..... 10½" Compacted Depth Dense Graded Aggregate Base
5½" Class I Base — Compacted Bituminous Concrete Base (2-2¾" Courses)

TACK COAT ..... 0.10 Gal per sq. yd. (Apply as directed by Engineer)

APPROXIMATELY 1" CLASS I "SURFACE" 1" ± Compacted Depth Bituminous Concrete Surface, Type "A"

STABILIZED SHOULDER .....
5" Compacted Depth Dense Graded Aggregate Base
0.35 Gal. per sq. yd. RT-2 or AE Primer L
0.30 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
70 Lbs. per sq. yd. Crushed Stone Size No. 78 (Compact by pneumatic rolling)
0.36 Gal per sq. yd. RS-2 or RC-800 (Seal Coat)
15 Lbs. per sq. yd. Crushed Stone Size No. 8 (Compact by pneumatic rolling)

④ 0.25 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
④ 20 lbs. per sq. yd. Crushed Stone Size No. 8

See Cross-Sections for slopes outside the limits of the Shoulder.

① The last course of Oil and Stone shall extend down the slope one foot

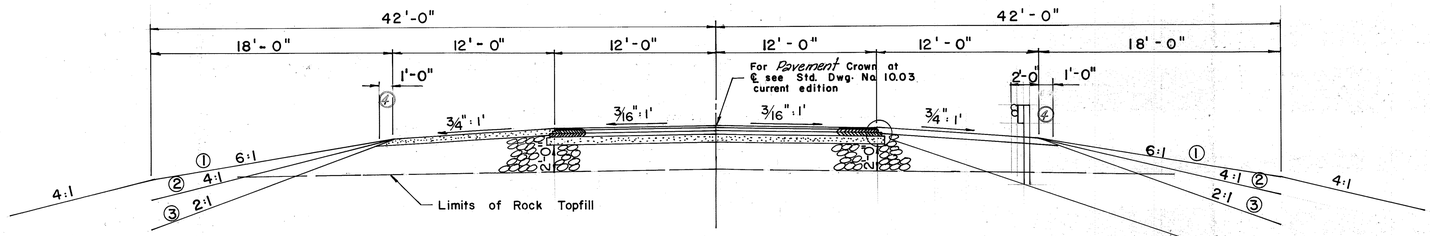
BULLITT COUNTY
BARDSTOWN-SHEPHERDSVILLE RD (KY 245)
SP 15-334 — RS 312 (37)

FED. DIST. ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	3	372

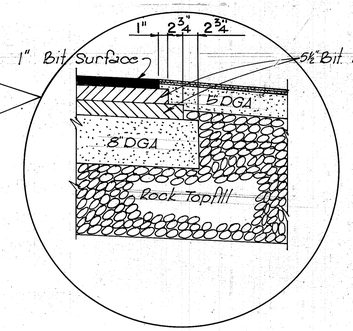
3

TYPICAL SECTIONS

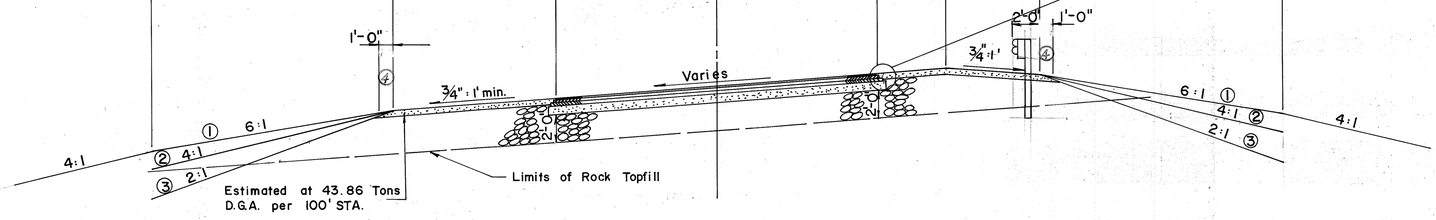
MAIN LINE



NORMAL— FILL



PAVEMENT
EDGE DETAIL



SUPERELEVATED — FILL

NEW CONSTRUCTION

GRADE, DRAIN AND FLEXIBLE PAVEMENT

USING

APPROXIMATELY 13½" BASE ..... 8" t Compacted Depth Dense Graded Aggregate Base
5½" t Class. I Base — Compacted Bituminous Concrete Base (2-2¾" Courses)

TACK COAT ..... 0.10 Gal. per sq. yd. (Apply as directed by Engineer)

APPROXIMATELY 1" CLASS I "SURFACE" ..... 1" t Compacted Depth Bituminous Concrete Surface, Type "A"

STABILIZED SHOULDER .....
One lift of rock roadbed material Constructed in accordance with Special Provision No. 41A.
5" Compacted Depth Dense Graded Aggregate Base
0.35 Gal. per sq. yd. RT-2 or AE Primer L
0.30 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
70 Lbs. per sq. yd. Crushed Stone Size No. 78 (Compact by pneumatic rolling)
0.35 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
15 Lbs. per sq. yd. Crushed Stone Size No. 8 (Compact by pneumatic rolling)
④ 0.25 Gal. per sq. yd. RS-2 or RC-800 (seal Coat)
④ 20 lbs. per sq. yd. Crushed Stone Size No. 8

④ The last course of Oil and Stone shall extend down the slope one foot

① For Fills Under 10'
② For Fills 10'–20'
③ For Fills Over 20' or 10'–20' with Guard Rail

See Cross-sections for slopes outside the limits of the Shoulder.

Note:
The 24" undercut line as shown on typical sections shall govern over Cross Sections.

MLYAR X-SECTIONS ARE SUITABLE FOR FINAL QUANTITIES

CONSTRUCTION REVISION No. 1

SHEET 4 OF 5

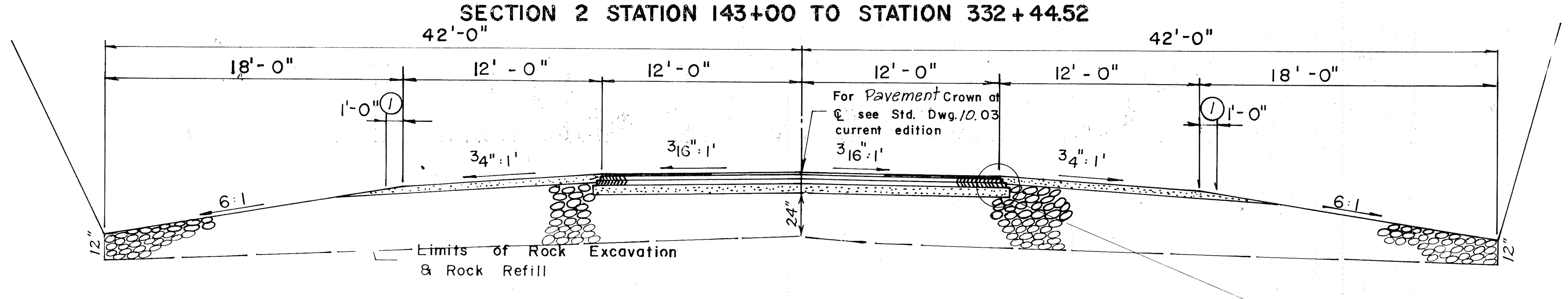
BULLIT COUNTY BARDSTOWN-SHEPHERDSVILLE RD.(KY.245) SP 15-334 RS 312 (9)				
FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	3	372

3A

TYPICAL SECTIONS

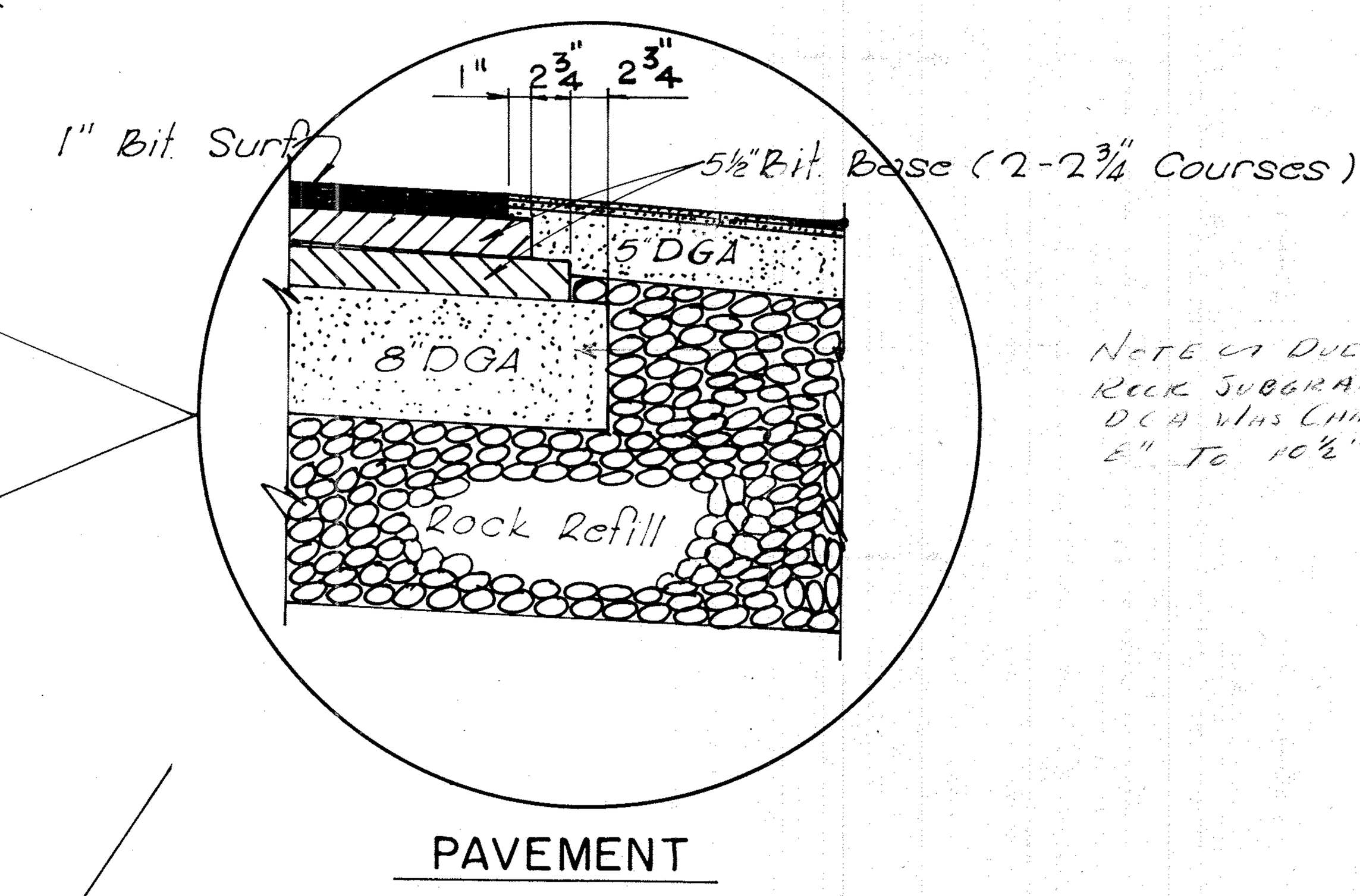
MAIN LINE

SECTION 2 STATION 143+00 TO STATION 332+44.52



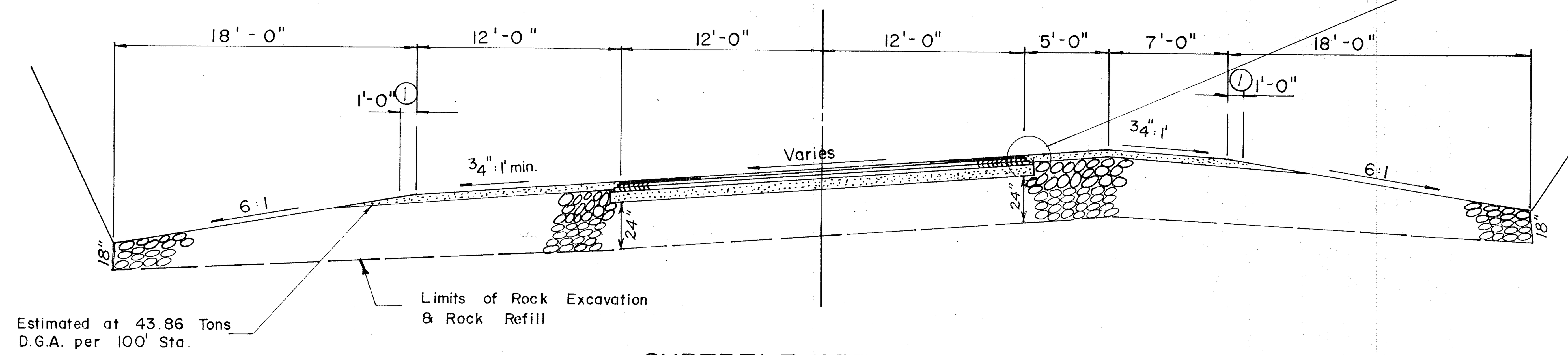
NORMAL - CUT

SHOULDER DETAIL



PAVEMENT EDGE DETAIL

NOTE: DUE TO CHANGE FROM ROCK SUBGRADE TO DIRT SUBGRADE DGA WAS CHANGED FROM 8" TO 10½" @ 13+00 - 110+00



Estimated at 43.86 Tons D.G.A. per 100' Sta.

SUPERELEVATED - CUT

Note: The 24" undercut line as shown on Typical Sections shall govern over Cross-Sections.

NEW CONSTRUCTION

GRADE, DRAIN AND FLEXIBLE PAVEMENT

USING

APPROXIMATELY 13½" BASE ..... [8"± Compacted Depth Dense Graded Aggregate Base; 5½" Class "I" Base — [Compacted Bituminous Concrete Base (2-2¾" Courses)

TACK COAT ..... [0.10 Gal. per sq. yd. Apply as directed by the Engineer

APPROXIMATELY 1" Class "I" Surface ..... [1" Compacted Depth Bituminous Concrete Surface, Type "A"

STABILIZED SHOULDER ..... [One lift of Rock Excavation Constructed in accordance with Special Provision No. 41a.
Rock Topfill or Rock Refill
5"± Compacted Depth Dense Graded Aggregate Base
0.35 Gal. per sq. yd. RT-2 or AE Primer L
0.30 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
70 Lbs. per sq. yd. Crushed Stone Size No. 78 (Compacted by pneumatic rolling)
0.35 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)
15 Lbs. per sq. yd. Crushed Stone Size No. 8 (Compacted by pneumatic rolling)

(1) 0.25 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat)

(1) 20 lbs. per sq. yd. Crushed Stone Size No. 8

See Cross-Section for slopes outside the limits of the Shoulder.

KY. DEPT. OF H'WAYS.

STA. ____ TO ____ STA.

CONST. REVISION NO. 1

SEE CH'G. ORDER NO. 4

SUBMITTED BY [signature] RES. ENGR. DATE 1-21-74

RECOMMENDED FOR APPROVAL BY [signature] DIST. ENGR. DATE 1-23-74

RECOMMENDED FOR APPROVAL BY ____ DIR. OF CONST. DATE ____

APPROVED BY ____ PROJECTS MANAGEMENT ENGR. DATE ____

Note: This typical same as original — Only the location has changed. Now reads Sta. 143+00 to 332+44.52 (Original 13+00 to 332+44.52)

(1) The last course of Oil and Stone shall extend down the slope one foot.

CONSTRUCTION REVISION NO. 1
SHEET 5 OF 5

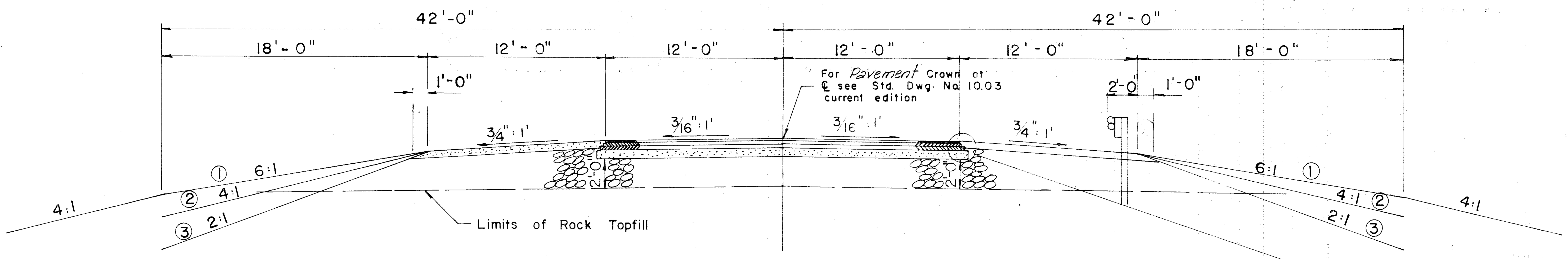
BULLITT COUNTY BARDSTOWN-SHEPHERDSVILLE RD. (KY245) SP15-334 RS 312 (9)				
FED. DIST. ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	3A	372

3 B

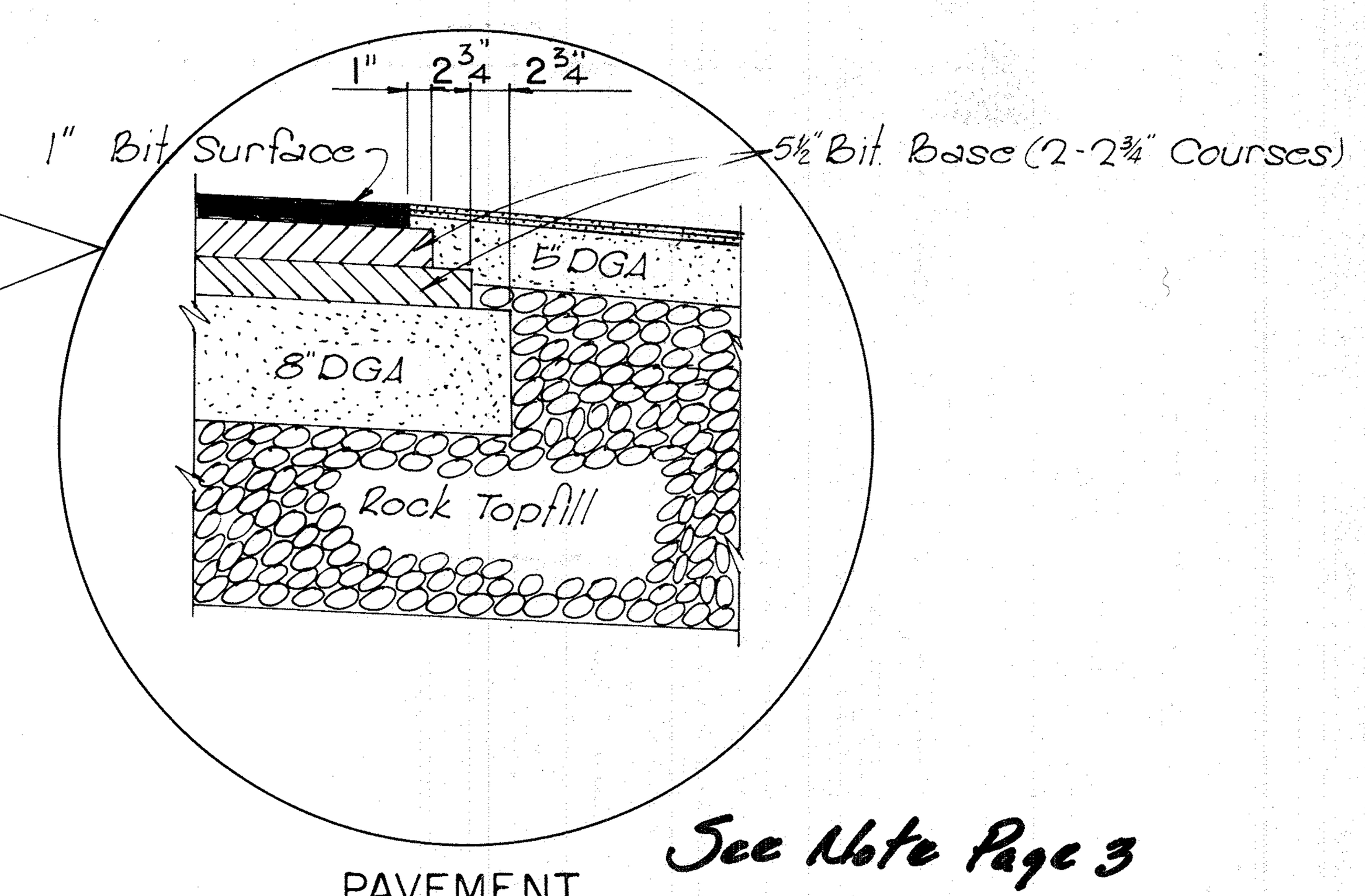
TYPICAL SECTIONS

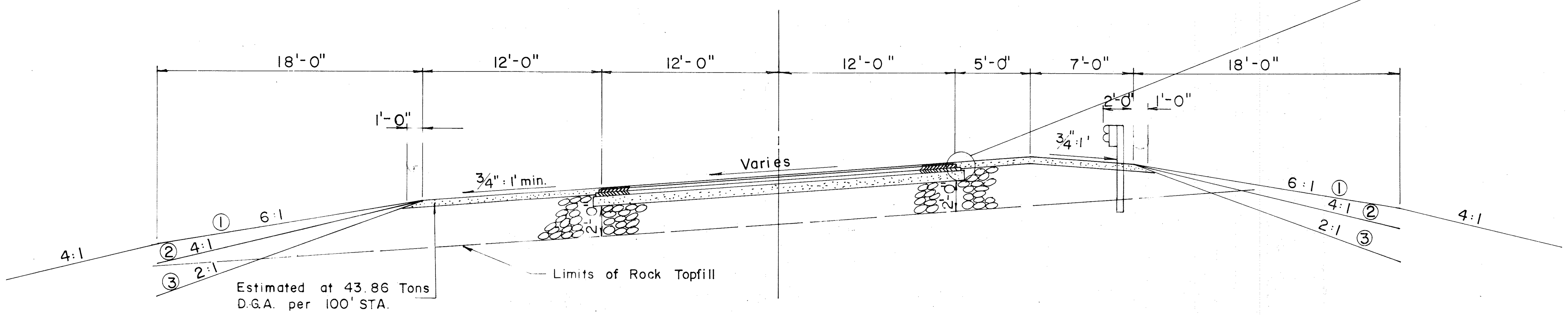
MAIN LINE

SECTION 2 STATION 143+00 TO STATION 332+44.52



NORMAL — FILL





PAVEMENT
EDGE DETAIL.

See Note Page 3

DEPT. OF H'WAYS.		
STA. TO STA.		
CONST. REVISION NO. 1		
SEE CH'G. ORDER NO. 4		
SUBMITTED BY	[signature] RES. ENGR.	1-21-74 DATE
RECOMMENDED FOR APPROVAL BY	[signature] DIST. ENGR.	1-23-74 DATE
RECOMMENDED FOR APPROVAL BY	DIR. OF CONST.	DATE
APPROVED BY	PROJECTS MANAGEMENT ENGR.	DATE

① For Fills Under 10'
② For Fills 10'-20'
③ For Fills Over 20' or 10'-20' with Guard Rail

SUPERELEVATED — FILL

NEW CONSTRUCTION

GRADE, DRAIN AND FLEXIBLE PAVEMENT

USING

APPROXIMATELY 13½" BASE	8"± Compacted Depth Dense Graded Aggregate Base 5½"± Class "I" Base — Compacted Bituminous Concrete Base (2-2¾" Courses)
TACK COAT	0.10 Gal. per sq. yd. (Apply as directed by Engineer)
APPROXIMATELY 1" CLASS "I" SURFACE	1"± Compacted Depth Bituminous Concrete Surface, Type "A"
STABILIZED SHOULDER	One lift of rock roadbed material Constructed in accordance with Special Provision No. 41A. 5"± Compacted Depth Dense Graded Aggregate Base 0.35 Gal. per sq. yd. RT-2 or AE Primer L 0.30 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat) 70 Lbs. per sq. yd. Crushed Stone Size No. 78 (Compact by pneumatic rolling) 0.35 Gal. per sq. yd. RS-2 or RC-800 (Seal Coat) 15 Lbs. per sq. yd. Crushed Stone Size No. 8 (Compact by pneumatic rolling)

④ 0.25 Gal. per Sq. Yd. RS-2 or RC-800 (Seal Coat)
④ 20 lbs per Sq. Yd. Crushed Stone Size No. 8

See Cross-sections for slopes outside the limits of the Shoulder.

Note:
The [illegible] typical section [illegible]

◯ The last course of oil and stone shall extend down the slope one foot

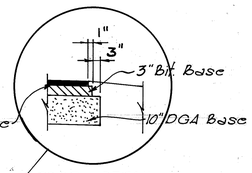
TYPICAL SECTIONS

BULLITT COUNTY
BARDSTOWN-SHEPHERDSVILLE RD (KY 245)
SP 15-334 RS 312 (9)

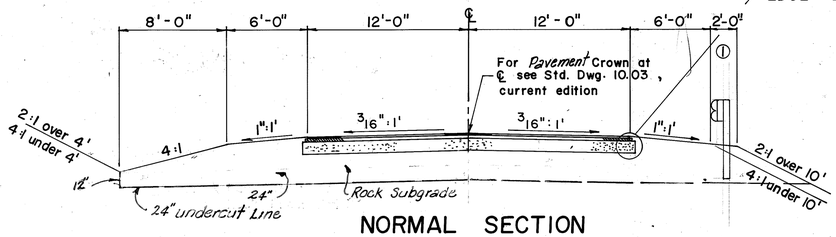
FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.	1971	4	372

4

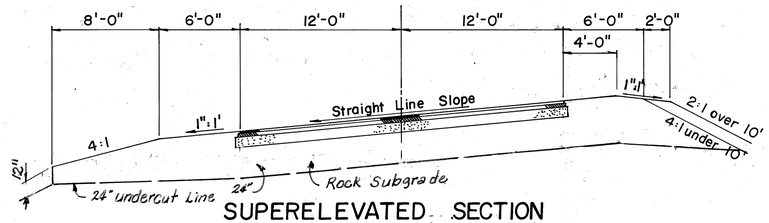
MAIN PARK ENTR. (RT. STA. 60+40)
CLERMONT ROAD (LT. STA. 102+70)
OLD KY. 245 APPR.
(332+44.52 AHEAD)



EDGE DETAIL



NORMAL SECTION



SUPERELEVATED SECTION

NEW CONSTRUCTION: Grade, Drain & Flexible Pavement

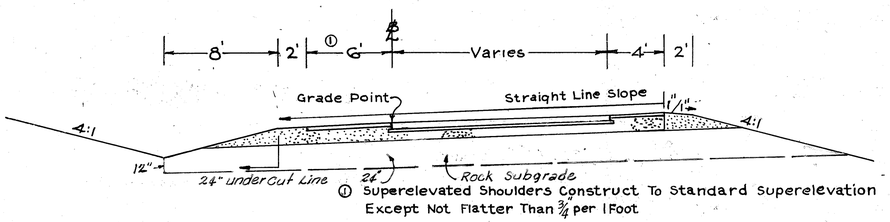
USING

APPROXIMATELY 13" BASE — 10"± Compacted Depth Dense Graded Aggregate Base; 3"± Class I Base — Compacted Bituminous Concrete Base

TACK COAT — 0.10 Gal. per sq. yd. Apply as directed by the Engineer.

APPROXIMATELY 1" CLASS I SURFACE — 1"± Compacted Depth Bituminous Concrete Surface, Class I (Type "A")

RAMP C (Lt. Sta. 16+98.63)



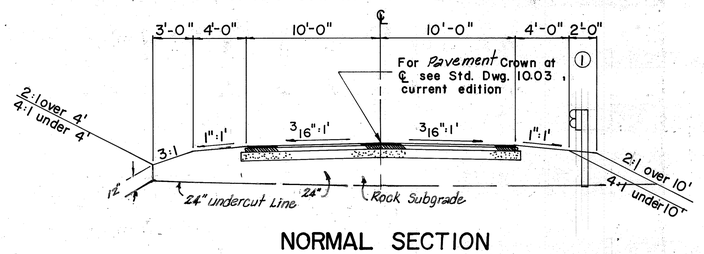
① Superelevated Shoulders Construct To Standard Superelevation Except Not Flatter Than 3/4" per 1 Foot

APPROXIMATELY 6" BASE — Compacted Dense Graded Aggregate Base

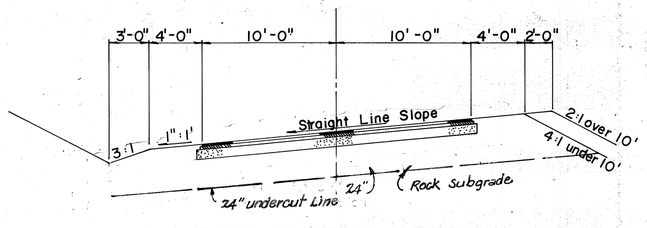
9" Surface — Uniform Cement Concrete Pavement, Type "D"

SHOULDER — Full Depth. Compacted Dense Graded Aggregate; 0.25 Gal. per sq. yd. RT-2 or AE Primer L; 2" Compacted Depth Bituminous Concrete Surface Type "A"

OLD KY. 245 APPR'S (LT. STA. 118+50)(LT. STA. 212+00)(LT. STA. 223+00) (LT. STA. 269+50)(RT. STA. 317+00)
PARK EXIT RELOCATION (RT. STA. 88+50 TO STA. 95+20)
LOTUS ROAD (LT. STA. 297+00)
PARK MAINT. ENTR. (RT. STA. 102+70)



NORMAL SECTION



SUPERELEVATED SECTION

NEW CONSTRUCTION: Grade, Drain & Flexible Pavement

USING

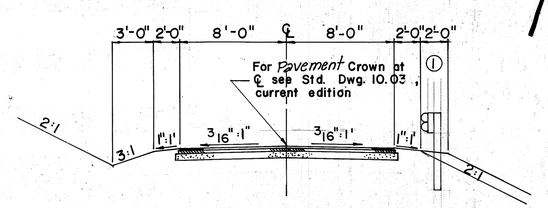
APPROXIMATELY 11" BASE — 8"± Compacted Depth Dense Graded Aggregate Base; 3"± Class I Base — Compacted Bituminous Concrete Base

TACK COAT — 0.10 Gal. per sq. yd. Apply as directed by the Engineer.

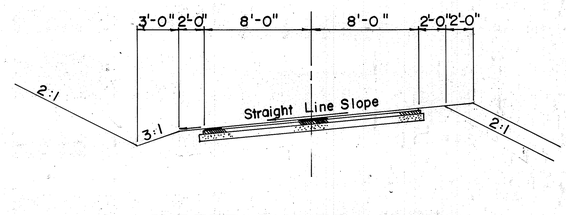
APPROXIMATELY 1" CLASS I SURFACE — 1"± Compacted Depth Bituminous Concrete Surface, Class I (Type "A")

Note: The 24" undercut line as shown on typical sections shall govern over Cross-Sections.

CHAPEZE LANE (LT. STA. 73+10)
COUNTY ROAD APPROACH (RT. STA. 43+75)



NORMAL SECTION



SUPERELEVATED SECTION

NEW CONSTRUCTION: Grade, Drain & Flexible Pavement

USING

APPROXIMATELY 9" BASE — 6"± Compacted Depth Dense Graded Aggregate Base; 3"± Class I Base — Compacted Bituminous Concrete Base

TACK COAT — 0.10 Gal. per sq. yd. (Apply as directed by the Engineer.)

APPROXIMATELY 1" CLASS I SURFACE — 1"± Compacted Depth Bituminous Concrete Surface, Class I (Type "A")

① Shoulders shall be widened 2 feet where Steel Beam Guard Rail is to be installed. See Cross-Sections for Slopes outside the limits of the shoulder.

TYPICAL SECTIONS

BULLITT COUNTY
BARDSTOWN – SHEPHERDSVILLE RD. (KY 245)
SP 15-334 RS 312 (9)

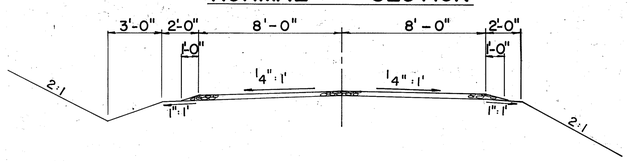
FED. ROAD DIST. NO.	STATE		FISCAL YEAR	SHEET NO	TOTAL SHEETS
7	KY.		1971	5	372

5

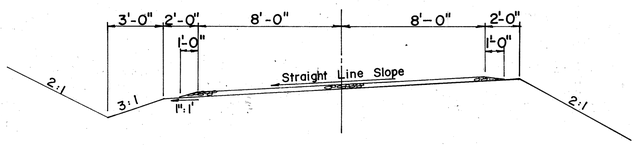
COUNTY FARM APPROACH (RT. STA. 16+40)

RESTAURANT ENTR. (RT. STA. 28+50)

NORMAL SECTION



SUPERELEVATED SECTION



NEW CONSTRUCTION: Grade, Drain & Traffic Bound Base

USING

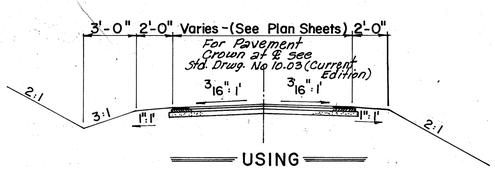
Crushed Limestone Size No. 610 applied loose equal to 2" Compacted Depth

—OR—

① River Gravel Size No. 710 applied loose equal to 2" Compacted Depth

FRONTAGE ROAD NO. 1 (LT. STA. 21+50)
RELOCATED CO. ROAD (RT. STA. 21+50)
RESIDENTIAL AND PARK FIRE ENTRANCES ②
FIELD ENTRANCES AND ROAD APPR. (RT. STA. 162+00)

BITUMINOUS



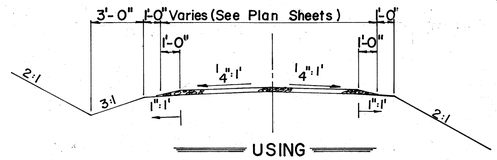
USING

APPROXIMATELY 7" BASE ..... 4" ± Compacted Depth Dense Graded Aggregate Base
3" ± Class I Base — Compacted Bituminous Concrete Base

TACK COAT ..... 0.10 Gal. per Sq. Yd (Apply as directed by the Engineer)

APPROXIMATELY 1" SURFACE ..... 1" ± Compacted Depth Bituminous Concrete Surface, Class "I" (Type "A")

TRAFFIC BOUND



USING

Crushed Limestone Size No. 610 equal to 2" Compacted Depth

—OR—

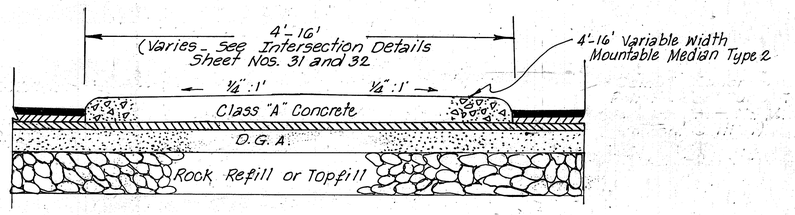
① River Gravel Size No. 710 equal to 2" Compacted Depth

MEDIAN DETAILS

(See Standard Drawing No. 14.11, Current edition)

TYPICAL

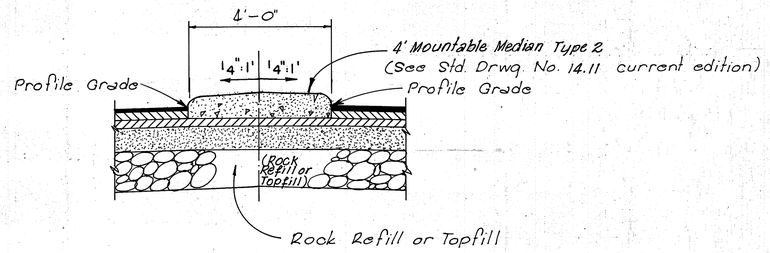
STA. 55+53 - STA. 59+86
STA. 64+00 - STA. 69+72
STA. 94+63 - STA. 100+35
STA. 103+22 - STA. 106+27



Note: Median as shown on Typical Sections shall govern over that shown on Cross-Sections.

TYPICAL

STA. 60+98 - STA. 64+00
STA. 100+35 - STA. 102+12



① River Gravel shall conform to Specification 812.4.2-B River Gravel Maintenance Floater Course

② For Limits of Surfacing, See Std. Drwg. No. 14.03, Current Edition

See Cross-Sections for Slopes outside the limits of the Shoulder.