

SHEET NO.	DESCRIPTION
1	LAYOUT SHEET
2	TYPICAL SECTIONS—SUMMARY OF QUANTITIES
3,3-A	STANDARD DRAWING SHEETS
	PLANS AND PROFILES
	PROFILES
	CROSS SECTIONS

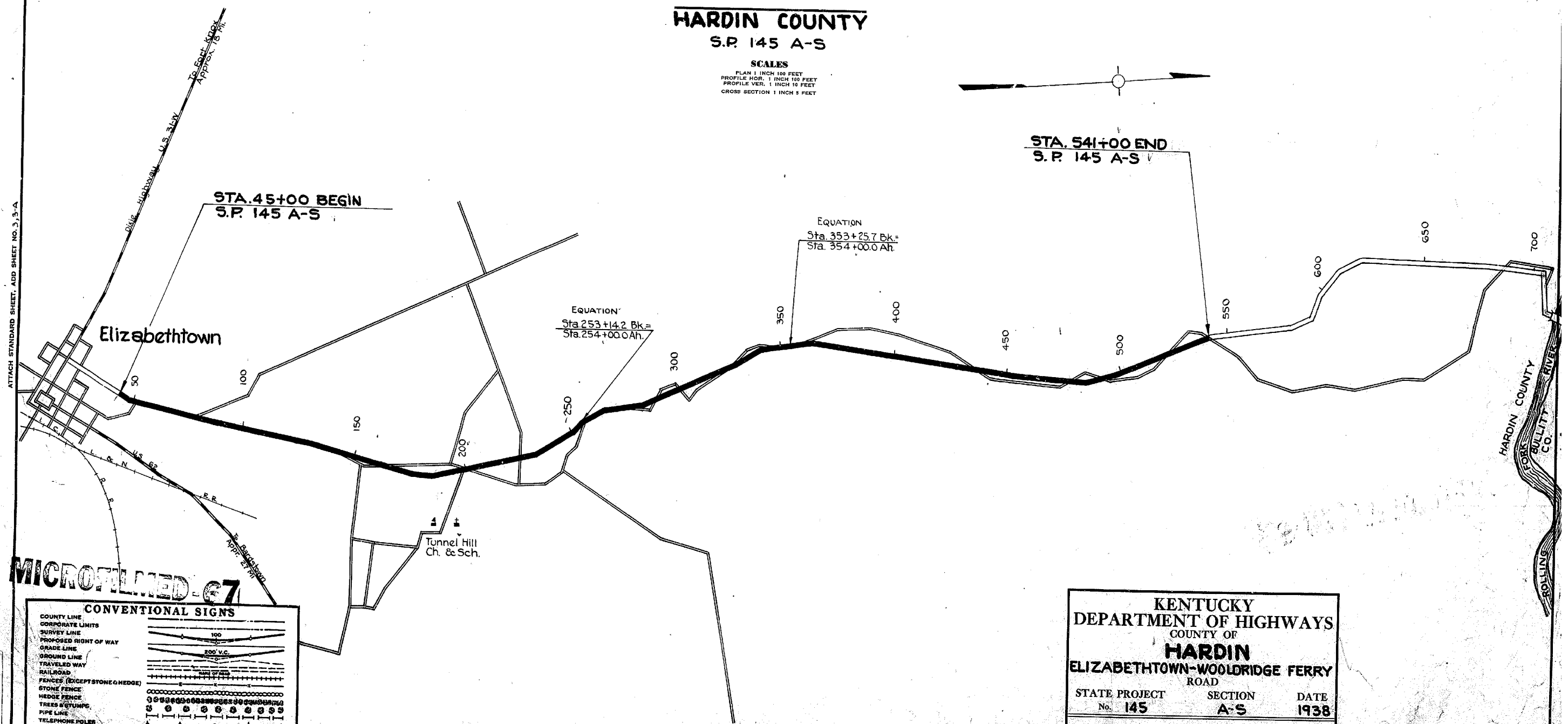
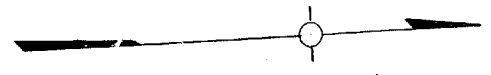
**COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS**

COUNTY OF	STATE PROJ. NO.	SECTION NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HARDIN	145	A-S	1938	1	4

**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY**

HARDIN COUNTY
S.P. 145 A-S

SCALES
PLAN 1 INCH = 100 FEET
PROFILE HOR. 1 INCH = 100 FEET
PROFILE VER. 1 INCH = 10 FEET
CROSS SECTION 1 INCH = 5 FEET



ATTACH STANDARD SHEET, ADD SHEET NO. 3,3-A

MICROFILMED 67

CONVENTIONAL SIGNS

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	
TREE STUMPS	
PIPE LINE	
TELEPHONE POLES	
PIPE CULVERT	
CONCRETE CULVERT & BRIDGE	
LARGE STREAM	
SMALL STREAM	
BENCH MARKS	
ROAD INTERSECTIONS	
MARSH	
BUILDINGS	
UNIMPROVED ROADS	
GRADED EARTH ROADS	
IMPROVED ROADS	

LAYOUT MAP
SCALE 1 INCH = 2000 FEET
GROSS LENGTH 4943.9 LIN. FT. 9.363 MILES
NET LENGTH 4943.9 LIN. FT. 9.363 MILES
FOR EQUALITIES 1601 LIN. FT.
NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT. _____
BRIDGES _____ LIN. FT. _____

**KENTUCKY
DEPARTMENT OF HIGHWAYS
COUNTY OF
HARDIN**

**ELIZABETHTOWN-WOOLDRIDGE FERRY
ROAD**

STATE PROJECT No. **145** SECTION **A-S** DATE **1938**

SURVEYED	BY _____	DISTRICT ENGINEER
PLANS CHECKED	4/21/38 BY <i>R. Dudley</i>	CHIEF DRAFTSMAN
SURVEY AND PLANS APPROVED	BY _____	LOCATING ENGINEER
SURVEY AND PLAN APPROVED	4/28/38 BY <i>C. P. Patten</i>	INSPECTOR OF CONSTRUCTION
SURVEY AND PLAN APPROVED	4/28/38 BY <i>J. A. Smith</i>	STATE HIGHWAY ENGINEER

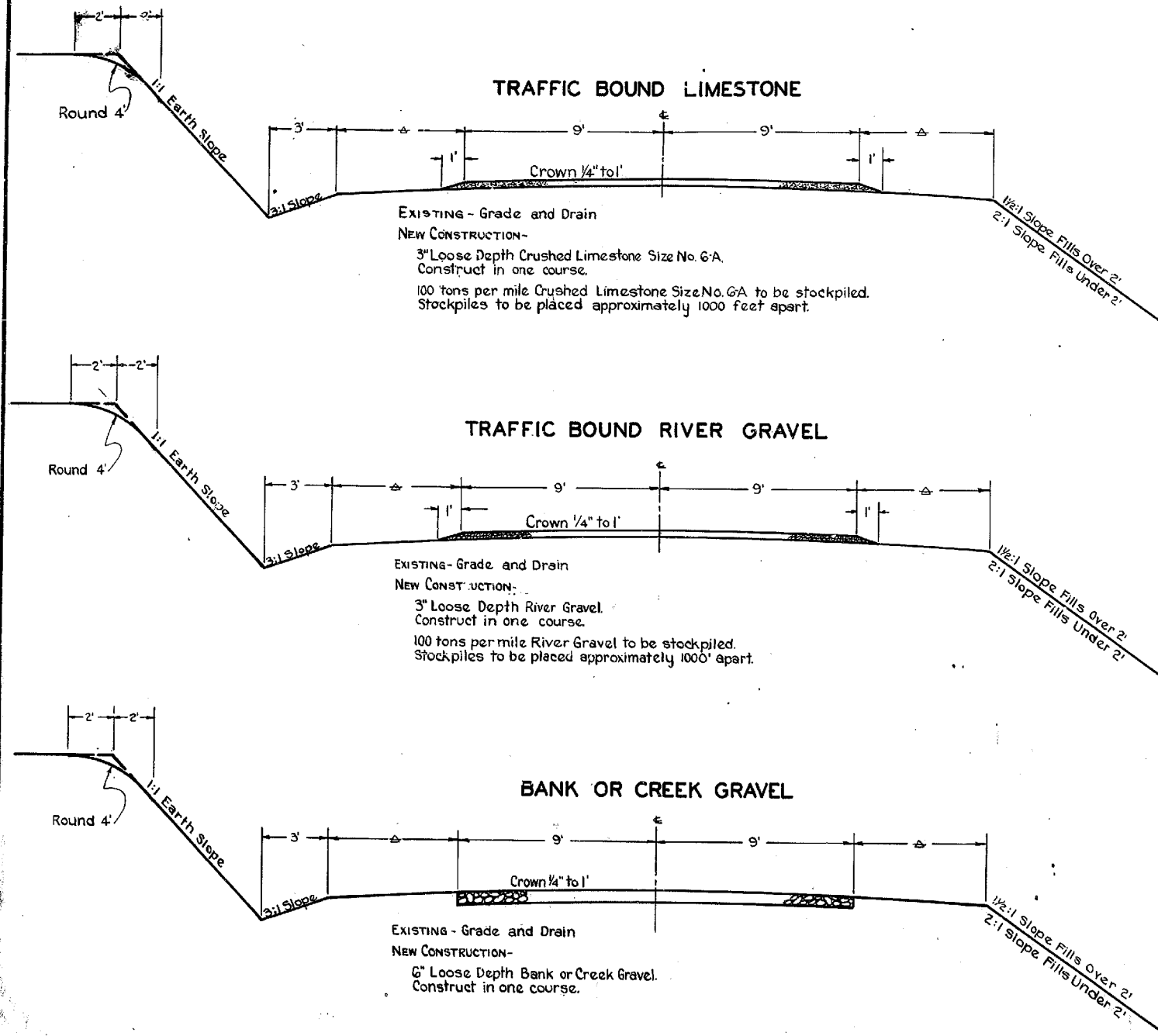
RECOMMENDED FOR APPROVAL: _____
DISTRICT ENGINEER—BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL: _____
CHIEF ENGINEER—BUREAU OF PUBLIC ROADS

PLANS TRACED BY: M.S.C., LEO
PLANS COMPLETED BY: _____
PLANS CHECKED BY: _____
FINAL CHECK BY: _____

TYPICAL SECTIONS AND SUMMARY SHEET

COUNTY OF	STATE	SECTION	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HARDIN	145	A-5	1958	2	4



TRAFFIC BOUND LIMESTONE

EXISTING - Grade and Drain
NEW CONSTRUCTION -
3" Loose Depth Crushed Limestone Size No. 6-A.
Construct in one course.
100 tons per mile Crushed Limestone Size No. 6-A to be stockpiled.
Stockpiles to be placed approximately 1000 feet apart.

TRAFFIC BOUND RIVER GRAVEL

EXISTING - Grade and Drain
NEW CONSTRUCTION -
3" Loose Depth River Gravel.
Construct in one course.
100 tons per mile River Gravel to be stockpiled.
Stockpiles to be placed approximately 1000' apart.

BANK OR CREEK GRAVEL

EXISTING - Grade and Drain
NEW CONSTRUCTION -
6" Loose Depth Bank or Creek Gravel.
Construct in one course.

* Roadway to be graded uniformly to existing section.

GENERAL SUMMARY

Item	Unit	Quantity
Roadway and Drainage Excavation Unclassified	Cu. Yd.	2500
Structure Excavation Unclassified	" "	150
18" Pipe for Cross Drainage ϕ	Lin. Ft.	33
24" " " " " ϕ	" "	33
15" " " Entrances ϕ	" "	480
24" " " " " ϕ	" "	32
Class "A" Concrete \mp	Cu. Yd.	159.3
Final Dressing	Sta.	494

* This item is for proposed new headwalls, but the right is reserved, on construction, to omit this item in whole or in part.

- Alternate Types of Pipe
- First Class Reinforced Concrete
 - First Class Vitriified Clay
 - Cast Iron (without lock joint)
 - Corrugated Metal (For entrance pipe only)

FOR SURFACING

	Lin. Ft.	Sq. Yds.	Miles
Gross Length			
160.1' deducted for Equalities	49439.9		9.363
Net Length			
No additions or deductions	49439.9		9.363
No Curve Widening			
Total Surfacing		98880	

SURFACING QUANTITIES

Item	Unit	Roadway	Entrance
TRAFFIC BOUND LIMESTONE			
Crushed Limestone Size No. 6-A	Ton	*11375	400
TRAFFIC BOUND RIVER GRAVEL			
River Gravel	Ton	*13115	400
BANK OR CREEK GRAVEL			
Bank or Creek Gravel	Ton	23070	400
Unclass. Trench & Shoulder Excav.	Cu. Yd.	9365	

* Includes 935 tons to be stockpiled. Stockpiles to be placed approximately 1000' apart.

GENERAL NOTES

- All curves to be banked and widened according to Standards.
- The Contractor is not to order materials for drainage structures until the quantities have been checked by the Engineer.
- Where the inlet of a cross drainage pipe is in a cut section, and the centerline grade is one percent or more, an oil headwall shall be constructed at the inlet end.
- Entrance pipe shall be constructed to a minimum length of 16 feet.
- For typical sections in solid rock cuts, see Standard Drawings No. 3 and 4 on Sheet No. 3 of these plans.
- The unit price bid for Crushed Limestone and River Gravel shall include all necessary grading and preparation of existing surface.
- Where additional embankment material is needed it shall be obtained by flattening cut slopes.
- No payment will be allowed for Clearing and Grubbing.
- The Standard Specification for State and Federal Road and Bridge Construction, Edition of 1932, with the following Amendments, will apply on this project:
 - No. 2 - Requirement of Contract Bond.
 - No. 5 - Corrugated Metal Pipe.
 - No. 10 - Traffic Bound Construction.
 - No. 18 - Wage Rates for Labor.
 - No. 19 - Structure Excavation for Pipe Culverts.
 - No. 22 - Gradation of Gravel for Class "A" Concrete.
 - No. 24 - Embankment Construction.
 - No. 31 - Maintenance During Traffic Bound Construction.
 - No. 34 - Reinforced Concrete Pipe.
 - No. 35 - Coarse Aggregate.
 - No. 39 - Grading of Sand for Concrete.
 - No. 42 - Final Dressing.