

State of Illinois
 Department of Transportation

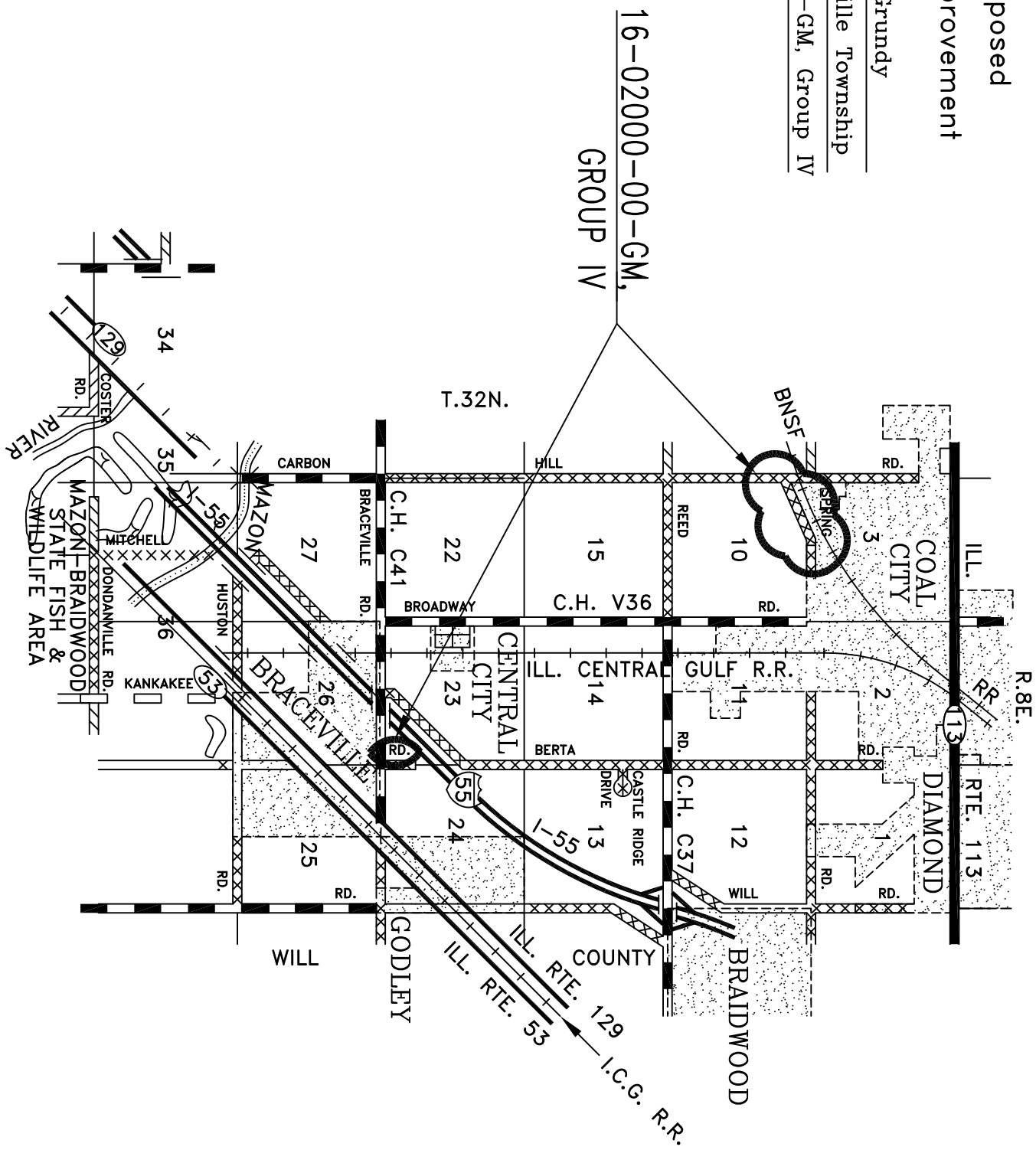
Bureau of Local Roads and Streets
 Plans for Proposed
 Road District Improvement

County Grundy
 Road District Braceville Township
 Section 16-02000-00-GM, Group IV

Index to Sheets
 Map Typ. X-Sect. & Quantities
 Detail Sheet

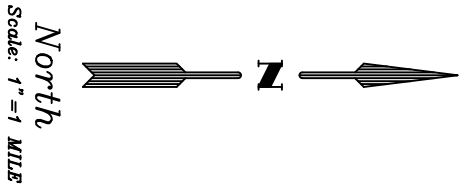
Sheet 1
 Sheet 2
 Sheet 3

ROADS TO BE IMPROVED:
 SPRING ROAD (TR 105)
 MERRILL STREET (TR 199)



LEGEND

	U.S., FEDERAL & STATE PAV'T.
	C.H. BIT. CONCRETE
	C.H. OIL & CHIP
	TWP. BIT. CONCRETE
	TWP. OIL & CHIP
	TWP. GR. OR STONE
	TWP. EARTH
	PRIVATE
	TWP. BRIDGE



Approved

20

Submitted

20

District/Regional Engineer

Braceville Township Highway Commissioner

Grundy County Engineer

State of Illinois Department of Transportation

Bureau of Local Roads and Streets

Plans for Proposed

Road District Improvement

County Grundy

Road District Braceville Township

Section 16-02000-00-GM, Group IV

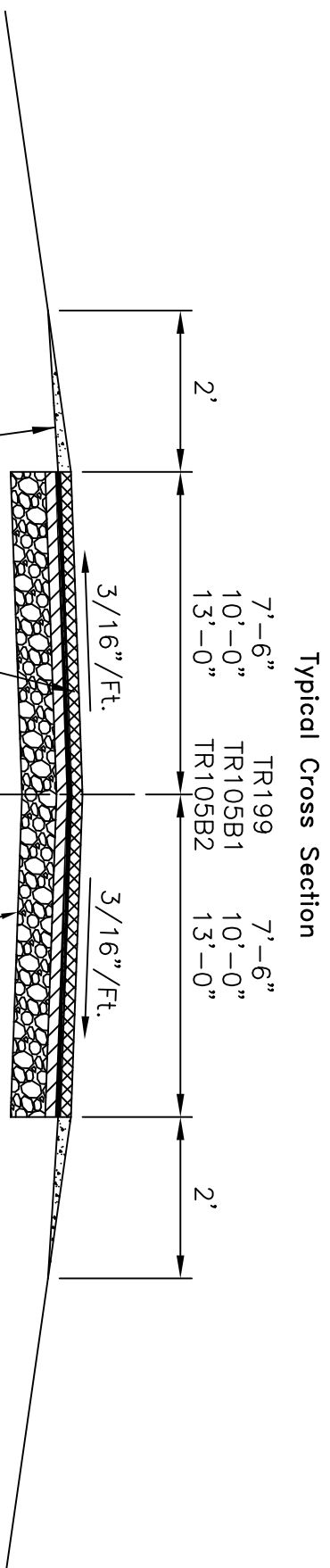
Standards

701306-03
701311-03
701901-05

Scales { Plan 1 inch = Ft.
Profile, Horizontal 1 inch = Ft.
Profile, Vertical 1 inch = Ft.

Summary of Quantities

HMA Surface Removal - Butt Joints	272	Sq. Yd.
Bituminous Materials (Prime Coat)	2,439	Pound
Aggregate (Prime Coat)	21	Ton
Aggregate Shoulders, Type B	373	Ton
Short-Term Pavement Marking	458	Foot
Epoxy Pavement Marking-Line 4"	1,145	Foot
Level Binder (Machine Method) N30	1,399	Ton



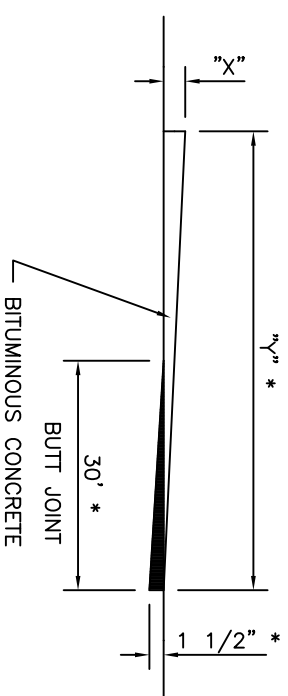
Route	Gross Length Feet	Omission Feet	Net Length Feet	Miles
TR 105	4,100	0	4,100	0.776
TR 199	480	0	480	0.091
Totals	4,580	0	4,580	0.867

PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

TYPICAL TAPER AT BUTT JOINT



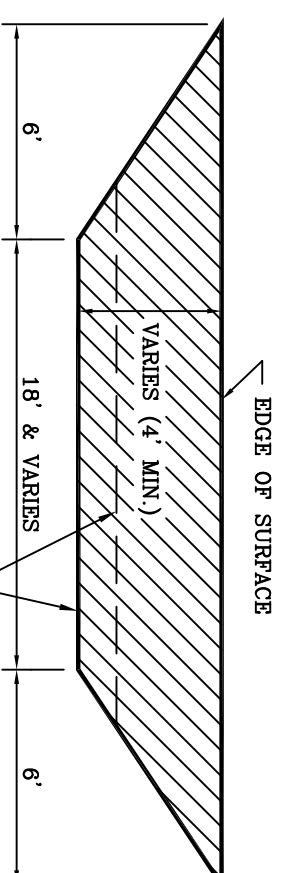
"X" = PROPOSED PAVEMENT THICKNESS

TABLE	
"X"	"X"
1"	20'
1 1/2"	30'
2"	40'
2 1/2"	50'
3"	60'
3 1/2"	70'
4"	80'

* NOTE: SEE TABLE BELOW FOR DEPTHS. BUTT JOINTS AT PRIVATE ENTRANCES SHALL BE 18" X 1" DEEP.

DEPTH	LOCATION	LENGTH	SIDE	SQ. YD.
TR 199 1 1/2"	STA. 0+00 3 ENTRANCES @ 3 SQ. YD. EACH	30'	C.L. LT & RT	81
1"		18"		9
TR 105 1 1/2"	STA. 0+00 STA. 41+00 6 ENTRANCES @ 3 SQ. YD. EACH	30'	C.L. C.L. LT & RT	82
1"		18"		18
TOTAL				272

TYPICAL PRIVATE ENTRANCE



18" X 1" BUTT JOINT
CONCRETE ENTRANCES WILL HAVE A SAW CUT EDGE

TABLE OF PRIVATE ENTRANCES

LOCATION	STATION	SIDE	SURFACE TYPE	SQ. YD.
TR 199 3 LOCATIONS @ 10 SQ. YD. EACH	VARIES	LT & RT	AGGREGATE, HMA OR CONCRETE	30
TR 105 6 LOCATIONS @ 10 SQ. YD. EACH	VARIES	LT & RT	AGGREGATE, HMA OR CONCRETE	60
TOTALS				90

TYPICAL INTERSECTION DETAIL

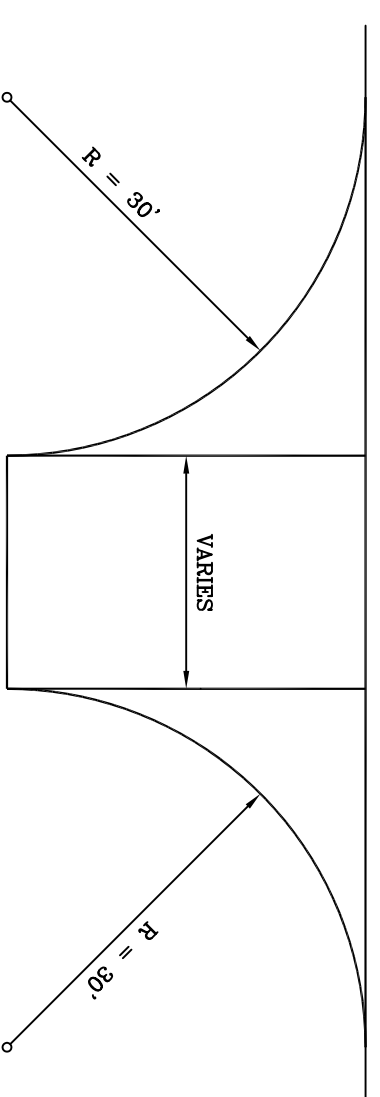


TABLE OF INTERSECTIONS

LOCATION	STATION	SIDE	SQ. YD.
TR 199	0+00	C.L.	110
TR 105	0+00	C.L.	110
TOTAL			220

TYPICAL MAILBOX TURNOUT

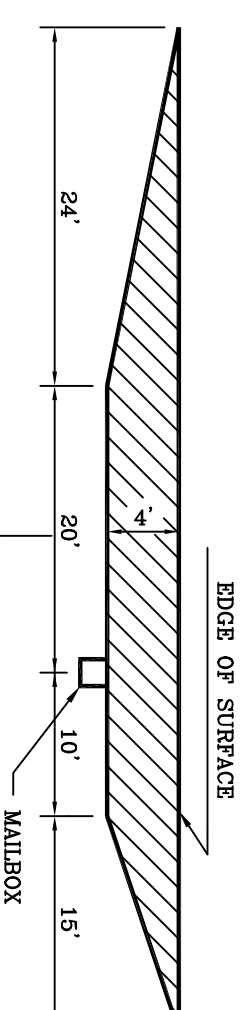


TABLE OF MAILBOX TURNOUTS

LOCATION	STATION	SIDE	SQ. YD.
TR 199 3 LOCATIONS @ 27 SQ. YD. EACH	VARIES	LT & RT	81
TR 105 6 LOCATIONS @ 27 SQ. YD. EACH	VARIES	LT & RT	162
TOTAL			243