

Department of Transportation

Bureau of Local Roads and Streets

Plans for Proposed

Road District Improvement

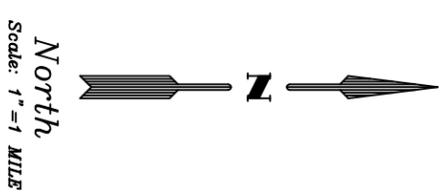
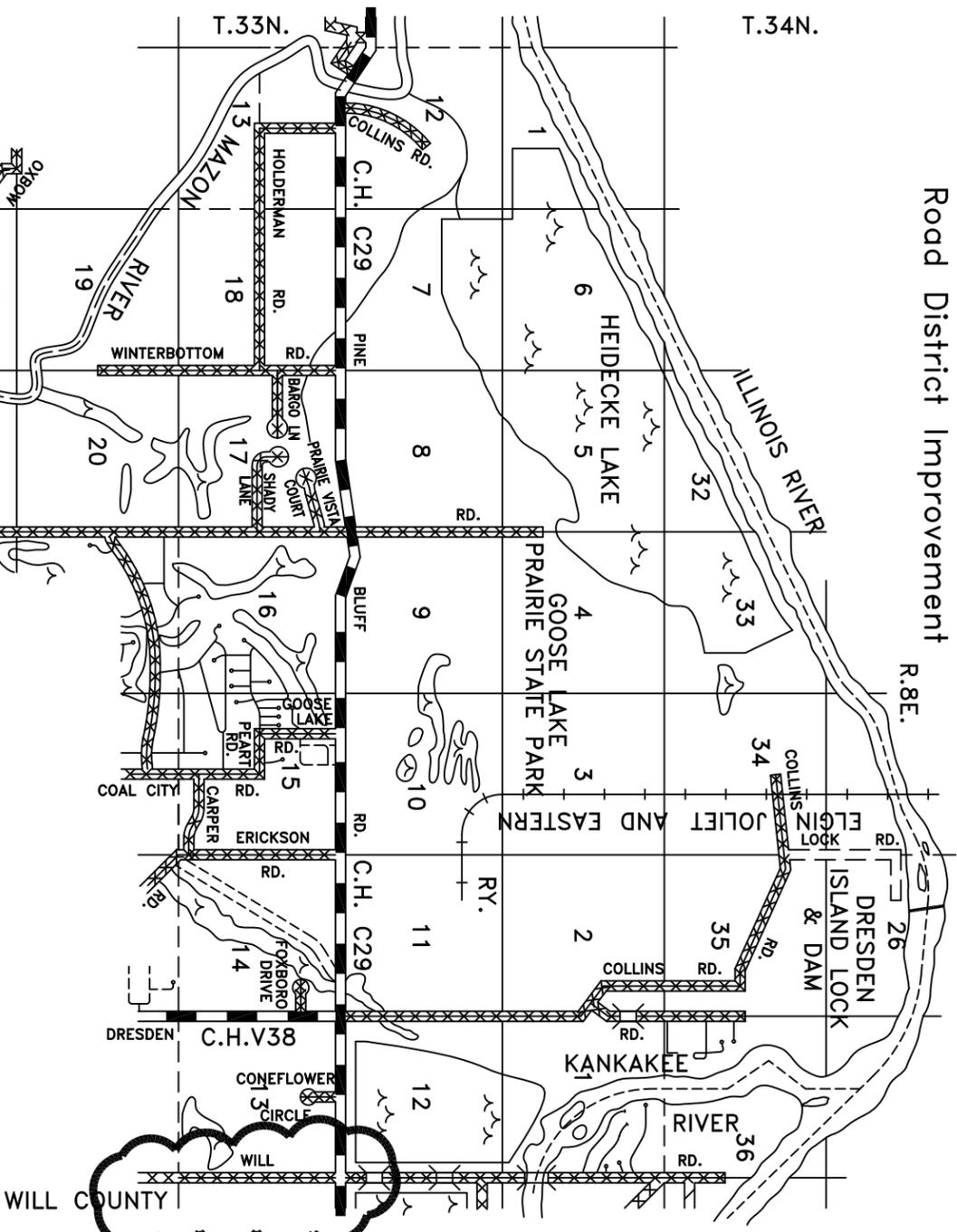
County Grundy
 Road District Goose Lake Township
 Section 16-07000-00-GM, Group IV

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Map Typ. X-Sect. & Quantities
 Detail Sheet

Sheet 1
 Sheet 2
 Sheet 3

ROADS TO BE IMPROVED:
WILL ROAD (TR 8)



16-07000-00-GM,
 GROUP IV

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 _____ 2016

District/Regional Engineer

Submitted _____ 2016

Braceville Township Highway Commissioner

Grundy County Engineer

State of Illinois Department of Transportation

Bureau of Local Roads and Streets

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Road District Improvement

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Standards

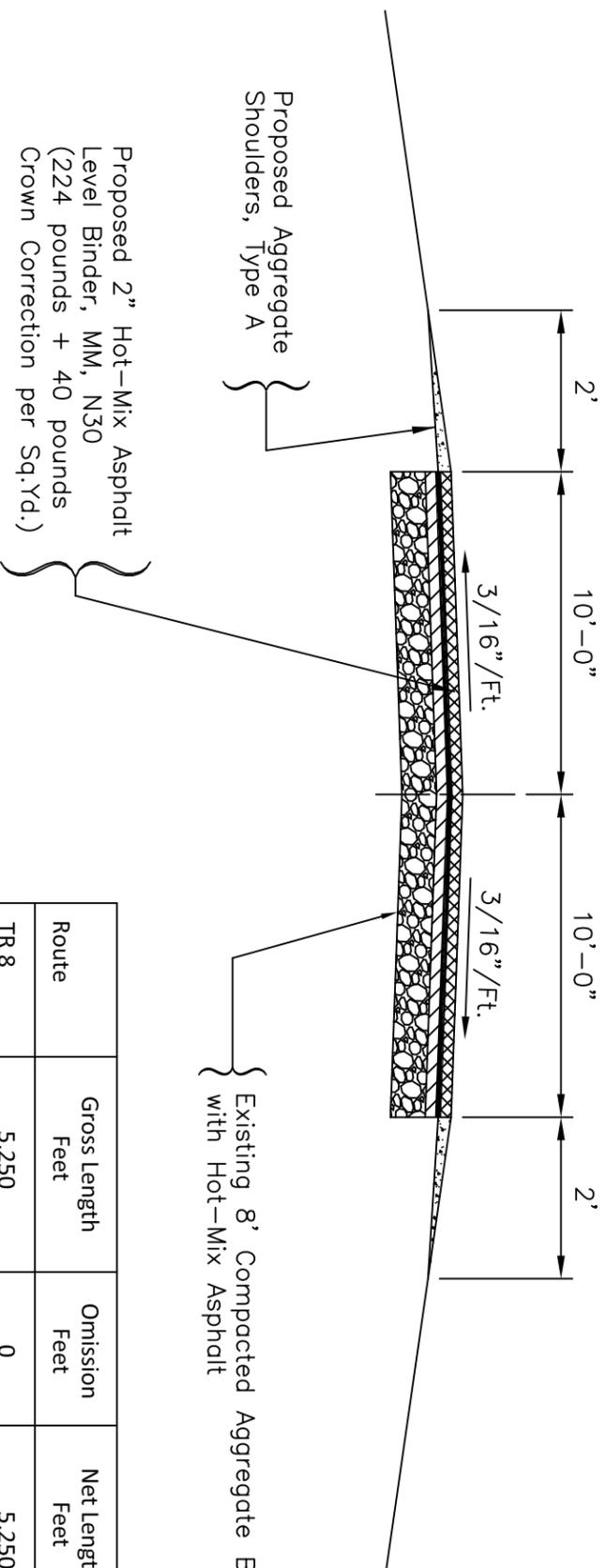
701306-03
701311-03
701901-05

Summary of Quantities

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

HMA Surface Removal - Butt Joints	207	Sq. Yd.
Bituminous Materials (Prime Coat)	2,731	Pound
Aggregate (Prime Coat)	24	Ton
Aggregate Shoulders, Type B	428	Ton
Short-Term Pavement Marking	525	Feet
Hot-Mix Asphalt Level binder, MM, N30	1,602	Ton
Incidental Hot-mix Asphalt Surfacing	100	Ton
Raised Reflective Pavement Marking Removal	131	Each

Typical Cross Section



Existing 8' Compacted Aggregate Base, with Hot-Mix Asphalt

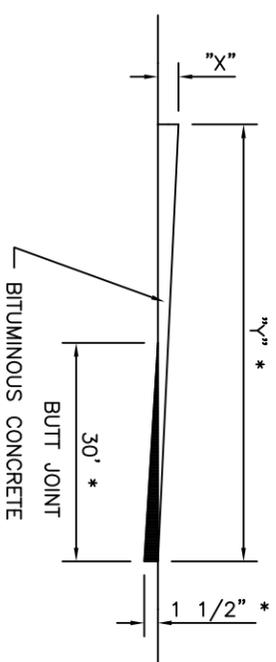
Route	Gross Length Feet	Omission Feet	Net Length Feet	Miles
TR 8	5,250	0	5,250	0.994
Totals	5,250	0	5,250	0.994

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



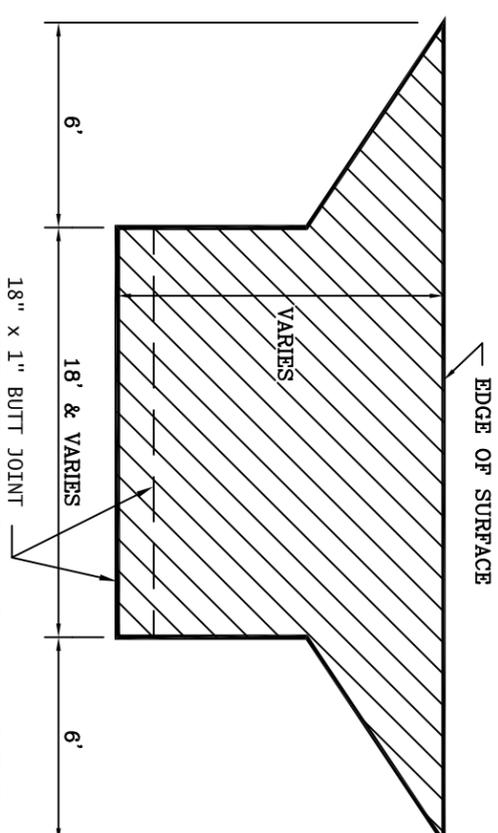
"x" = PROPOSED PAVEMENT THICKNESS

TABLE	
"x"	"y"
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 8				
1 1/2"	STA. 0+00	30'	C.L.	67
1 1/2"	STA. 30+14	30'	RIGHT	113
1"	9 ENTRANCES @	18"	LT & RT	27
	3 SQ. YD. EACH			
TOTAL				207

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 8				
9 LOCATIONS @	VARIABLES	LT & RT	AGGREGATE, HMA OR CONCRETE	333
37 SQ. YD. EACH				
TOTALS				333

TYPICAL INTERSECTION DETAIL

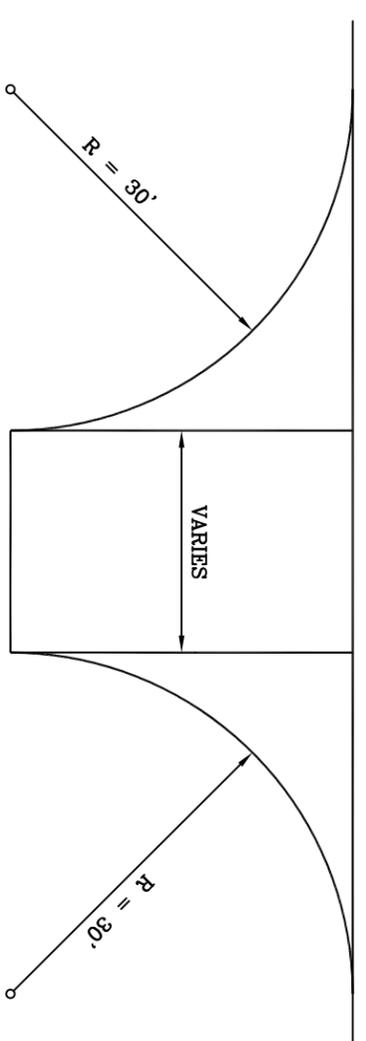


TABLE OF INTERSECTIONS

LOCATION	STATION	SIDE	SQ. YD.
TR 8			
	30+14	RIGHT	110
TOTAL			110

TYPICAL MAILBOX TURNOUT

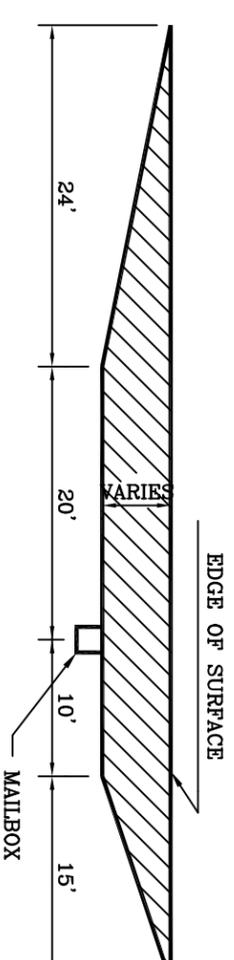


TABLE OF MAILBOX TURNOUTS

LOCATION	STATION	SIDE	SQ. YD.
TR 8			
1 LOCATIONS @	VARIABLES	LT & RT	200
200 SQ. YD. EACH			
TOTAL			200