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Map Typ. X-Sect. & Quantities
 Detail Sheet

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State of Illinois Department of Transportation

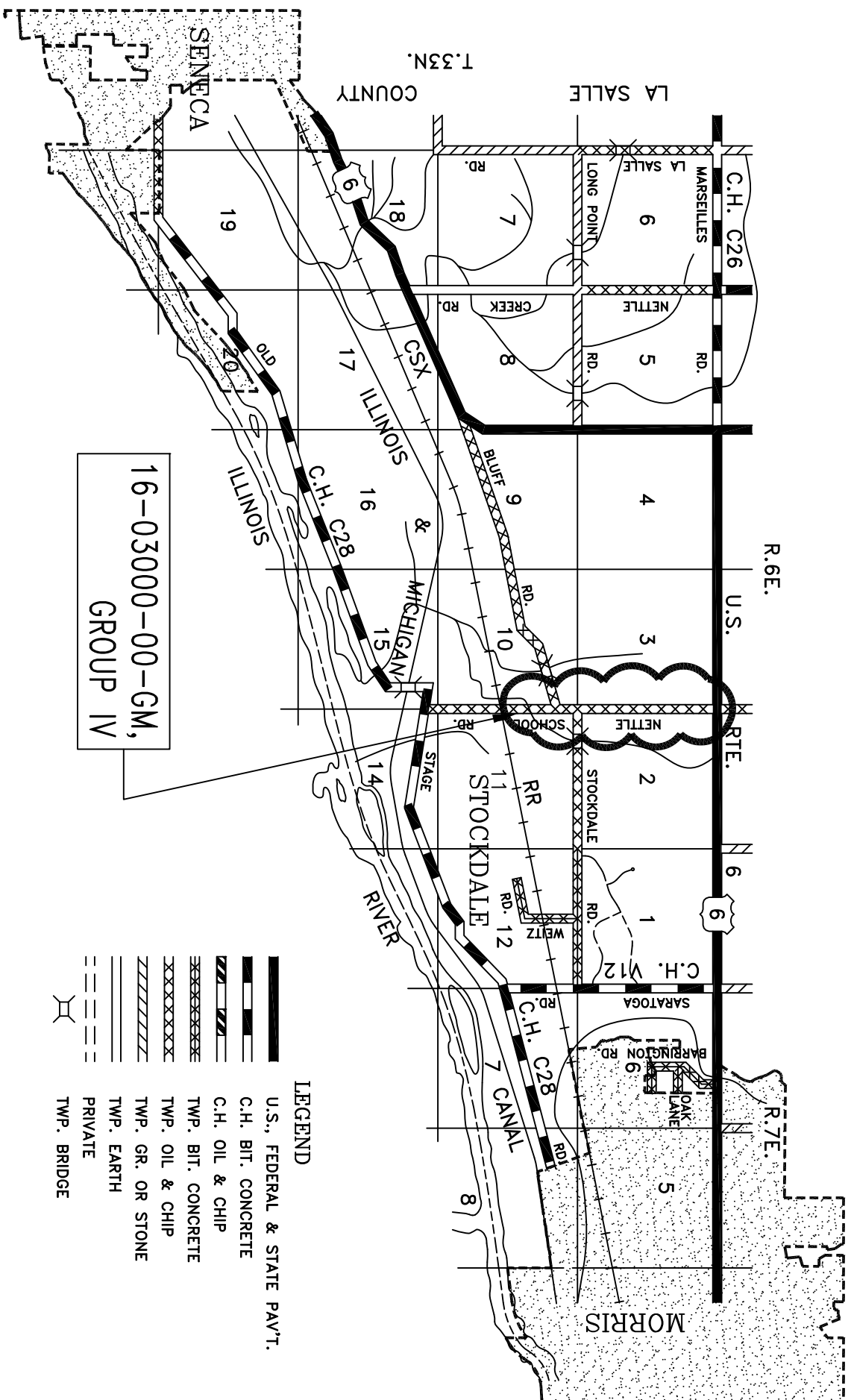
Bureau of Local Roads and Streets

Plans for Proposed

Road District Improvement

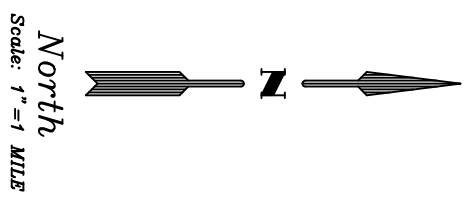
County Grundy
 Road District Erienna Township
 Section 16-03000-00-GM, Group IV

ROADS TO BE IMPROVED:
 NETTLE SCHOOL ROAD (TR 70)



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__

District/Regional Engineer

Submitted _____ 20__

Erienna 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 Erienna Township

Section 16-03000-00-GM, Group IV

Standards

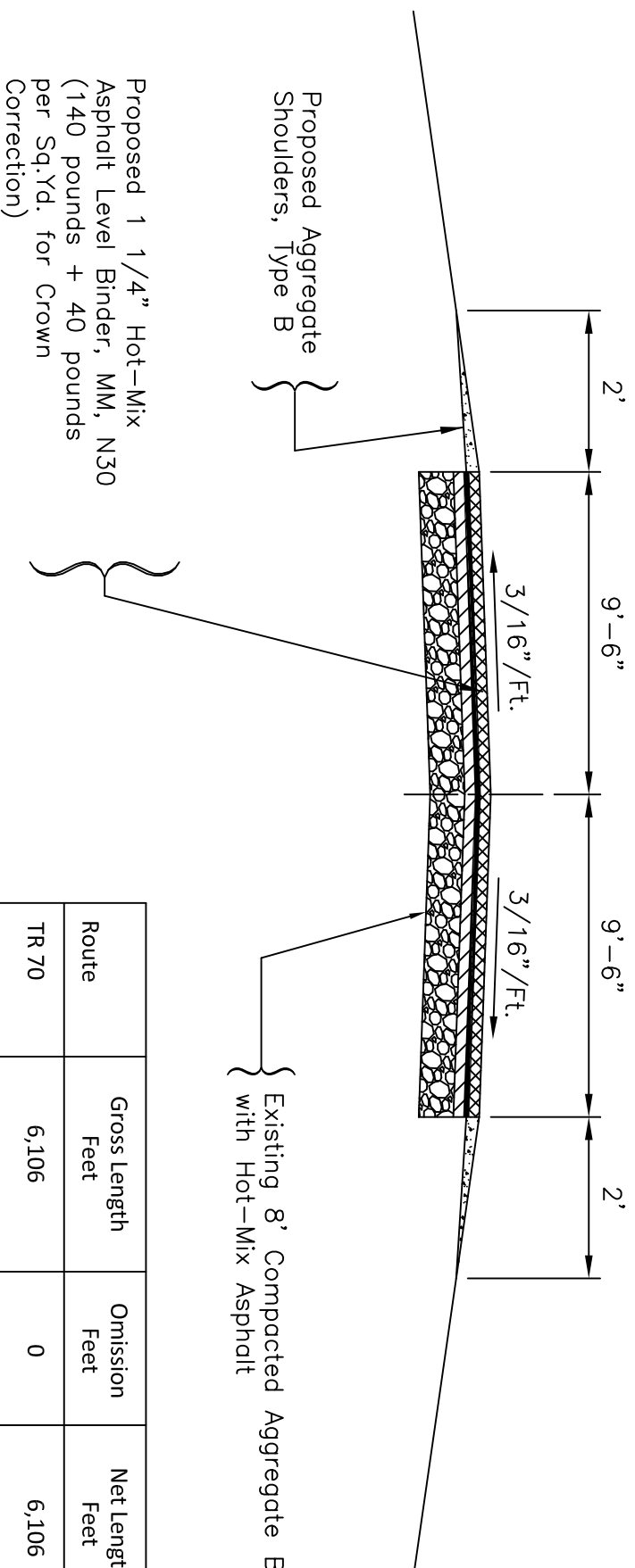
701306-03
701311-03
701901-05

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

Summary of Quantities

HMA Surface Removal - Butt Joints	127	Sq.Yd.
Bituminous Materials (Prime Coat)	3,004	Pound
Aggregate (Prime Coat)	27	Ton
Aggregate Shoulders, Type B	498	Ton
Short-Term Pavement Marking	611	Feet
Epoxy Pavement Marking-Line 4"	4,667	Feet
Epoxy Pavement Marking-Line 24"	20	Feet
Hot-Mix Asphalt Level Binder, MM, N30	1,201	Ton

Typical Cross Section



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

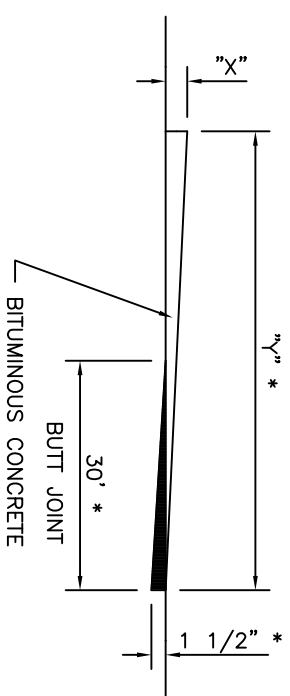
Route	Gross Length Feet	Omission Feet	Net Length Feet	Miles
TR 70	6,106	0	6,106	1.156
Totals	6,106	0	6,106	1.156

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

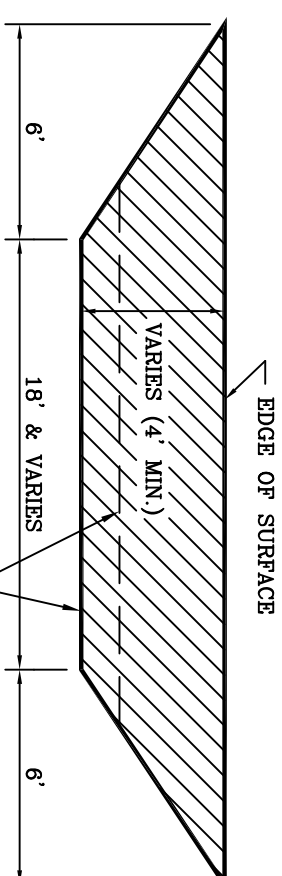
TABLE

"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 70				
1 1/4"	STA. 0+00	20'	C.L.	42
1 1/4"	STA. 52+66	20'	C.L.	42
1 1/4"	STA. 57+75	20'	C.L.	42
1"	5 ENTRANCES @	18"	LT & RT	15
	3 SQ. YD. EACH			
	TOTAL			141

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 70				
5 LOCATIONS @	VARIABLES	LT & RT	AGGREGATE, HMA OR CONCRETE	50
10 SQ. YD. EACH				
TOTALS				50

TYPICAL INTERSECTION DETAIL

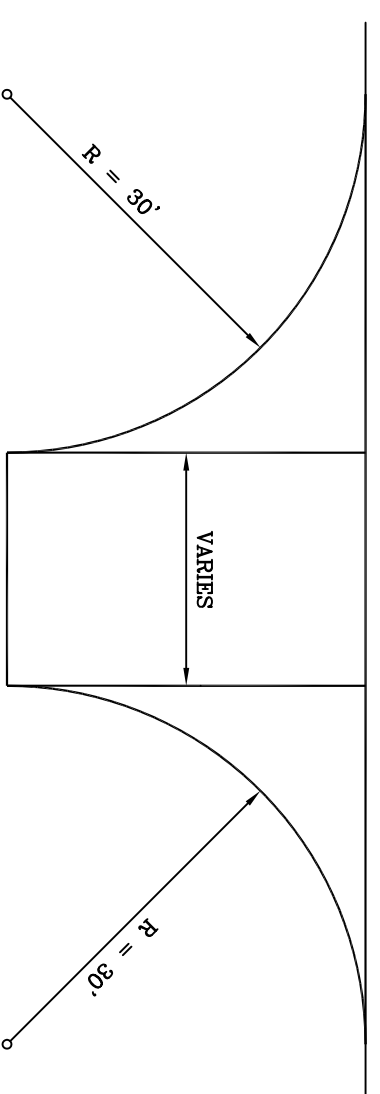


TABLE OF INTERSECTIONS

LOCATION	STATION	SIDE	SQ. YD.
TR 70			
	52+66	LEFT	110
	57+75	RIGHT	110
TOTAL			220

TYPICAL MAILBOX TURNOUT

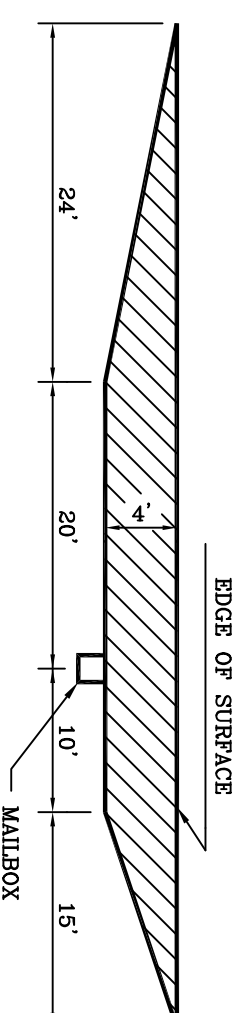


TABLE OF MAILBOX TURNOUTS

LOCATION	STATION	SIDE	SQ. YD.
TR 70			
2 LOCATIONS @	VARIABLES	LT & RT	54
27 SQ. YD. EACH			
TOTAL			54