

RESOLUTION - TOWN ROAD TAKEOVER

JULY 2, 1990

By Board Member Dennis Hill, second by Edward Pick, Jr. that the draft of Town Road Takeover as presented by the Planning Board be and hereby is adopted.

In order for a private road to be taken over and maintained by the Town of Harpersfield, the following prerequisites must be met:

1. Proposed road must meet the Town of Harpersfield "Road Standards" at the time of proposed takeover.
2. Owner(s) of the proposed road must deed in fee title, to the Town of Harpersfield, 25 feet from the center line on either side of proposed road.
3. Proposed road shall service at least three homes.
4. Due to budgetary constraints, all town road takeover requests may not be approved in the calendar year of request, but will be placed on a list for consideration the following year.
5. One frost-thaw cycle (winter) shall exist before consideration.
6. Prior to acceptance, the road shall be inspected by the road committee. (Two Planning Board members, the Town of Harpersfield Highway Superintendent and the Town Board Highway Committee.)
7. Tax revenues from parcels to be accessed by the proposed road must be sufficient to cover road maintenance cost. At the time of the proposed road takeover the most current available figures shall be applied in accordance with the following Formular.

Highway Tax Revenue per Parcels Accessed by Proposed Road ----- Proposed Road Mileage	Equal or Greater Than	Total Highway Budget ----- Town Road Mileage
--	--------------------------	--

(HTR + HTR + ...HTR )

THB

----- > -----

7/2/90

TOWN OF HARPERSFIELD

In order for a private road to be taken over and maintained by the Town of Harpersfield, the following prerequisites must be met:

1. Proposed road must meet Town of Harpersfield "Road Standards" at the time of proposed takeover. (Available at the Town of Harpersfield Clerk's Office)
2. Owner(s) of the proposed road must deed in fee title, to the Town of Harpersfield, 25 feet from the center line on either side of proposed road.
3. Proposed road shall service at least three homes.
4. Due to budgetary constraints, all town road takeover requests may not be approved in the calendar year of request, but will be placed on a list for consideration the following year.
5. One frost-thaw cycle (winter) shall exist before consideration.
6. Prior to acceptance, the road shall be inspected by the road committee. (Two Planning Board members and the Town of Harpersfield Highway Superintendant) *Ed King Committee*
7. Tax revenues from parcels to be accessed by the proposed road must be sufficient to cover road maintenance cost. At the time of the proposed road takeover the most current available figures shall be applied in accordance with the following formular.

$\frac{\text{Highway Tax Revenue per Parcels Accessed by Proposed Road}}{\text{Proposed Road Mileage}}$	Equal or Greater Than	$\frac{\text{Total Highway Budget}}{\text{Town Road Mileage}}$
$\frac{(\text{HTR} + \text{HTR} + \dots \text{HTR})}{\text{PRM}}$	>	$\frac{\text{THB}}{\text{TRM}}$

HTR is highway tax revenue, PRM is proposed road mileage, THB is total highway budget, and TRM is town road mileage.

Highway Tax Revenue (HTR) is Highway Townwide and Highway Outside of Village tax multiplied times the assessed value of the property.

# CHART A

## Design Standards for New Roads In Major Subdivisions

Minimum Right of Way

50 feet

Minimum Pavement Width

18 feet

Minimum Shoulder Width

5 feet

Minimum Ditch Width

4 feet per ditch, from shoulder to opposite or back side of ditch

Slope Grade (Cut and Fill)

1 on 2

Crown Slope

1/2 inch per foot or more

Shoulder Slope

1 inch per foot or more

Maximum Grade

10% - Grades up to 12% may be allowed for short straight runs, but will not be permitted within 60 feet of intersections.

Minimum Grade

1%

Turnaround Diameter on Dead End Street

90 feet pavement minimum  
120 feet right-of-way minimum

Minimum Centerline Radius of Curve

200 feet

Minimum Radius at Intersection

20 feet right-of-way  
30 feet pavement

Minimum Tangent Length

100 feet

Minimum Sight Distance

150 feet along street  
75 feet across corner at intersection

Minimum Length of Vertical Curve

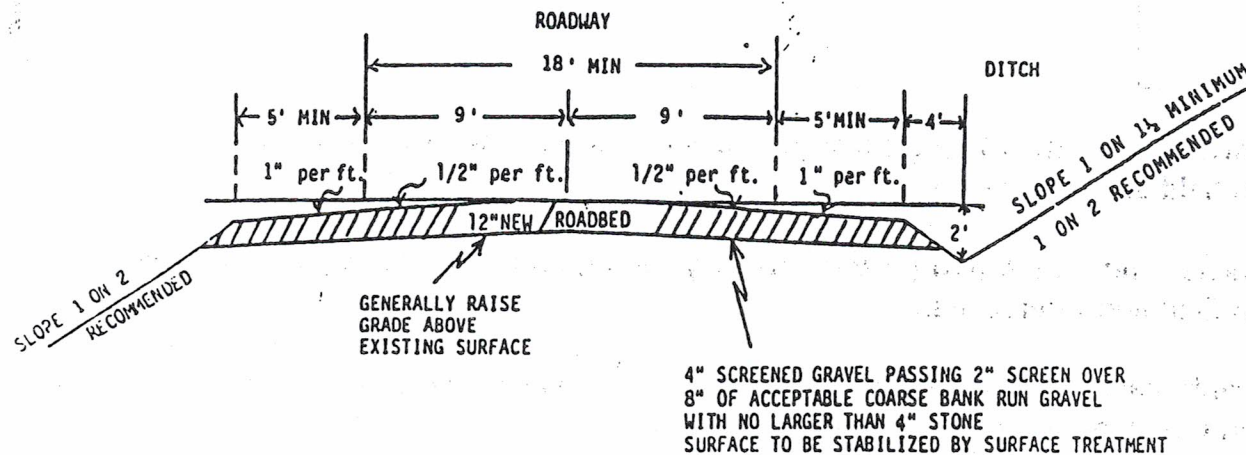
$L = 50 A$

L = Length of vertical curve in feet  
A = Algebraic difference in grades

Sidewalks (If Required)

1 at 4 feet

### Recommended Typical Section For Roads



DRAINAGE

1. USE 18" MIN. & LARGER CULVERTS AS REQUIRED
2. USE 13" x 22" PIPE ARCHES AS EQUIVALENT 18" DIA.
3. PLACE ONE GUIDE POST AT EACH END.
4. RUN CULVERTS DIAGONALLY (45° MIN.) ON HILLS
5. CONSTRUCT DRY STONE MASONRY HEADWALLS INSTALLING "L" SHAPED HEADWALLS WHERE APPROPRIATE.

GENERAL NOTES

1. 50' MIN. R.O.W. - OR 5' BEYOND OR TOE OF SLOPE. ANY EXISTING STONE WALLS PARALLEL TO THE ROAD SHOULD BE INCLUDED IN THE DEDICATED RIGHT-OF-WAY.
2. REMOVE BRUSH FOR SIGHT DISTANCE AND SEED AND MULCH ALL DISTURBED AREAS.

## CHART B

### TOWN OF HARPERSFIELD

#### *Additional Design Standards For New Roads in Major Subdivisions*

##### New Road Bed

Compacted, 12" minimum using coarse bank run gravel with no larger than 4" stone. Top 4" should be crushed or screened gravel which will pass through a 2" screen or equivalent.

All roadways are to be stabilized with salt or calcium, including shoulders.

- 1) Calcium Chloride - Minimum 11 ton / mile
- 2) Sodium Chloride - Minimum 18-20 ton / mile

The following materials are not acceptable for final grade or sub-grade: top soil, clay, mud, plain dirt, trees, brush, or stumps. If sub-grade is of poor material, more gravel may be required.

Optional -- A hard surface road may be constructed by the developer. It requires a minimum double surface treatment of no less than 1/3 gallon per square yard of bituminous material as recommended by the Town Highway Superintendent. First course no less than No. 1 stone, second course No. 1A.

##### Side Slopes

Remove brush for sight distance and seed and mulch all disturbed areas. Top soil need not be replaced on road slopes.

##### Shoulders

Shoulders shall be gravel rather than dirt to permit drainage from road bed.

##### Bridges

Where a bridge is necessary, it is to be 24 feet wide, carry a maximum legal New York State load, accommodate the water flow of a 50-year storm, and any wood used in construction shall be pressure treated. Bridge plans shall be prepared by a New York State licensed engineer and shall be submitted to the Town Highway Superintendent for approval in consultation with the County Highway Department prior to the start of construction.

##### Applications For Town Takeover

All applications must conform to Sections 170 and 171 of the Town Highway Law. There may be additional requirements by the Town Board before dedication is considered.