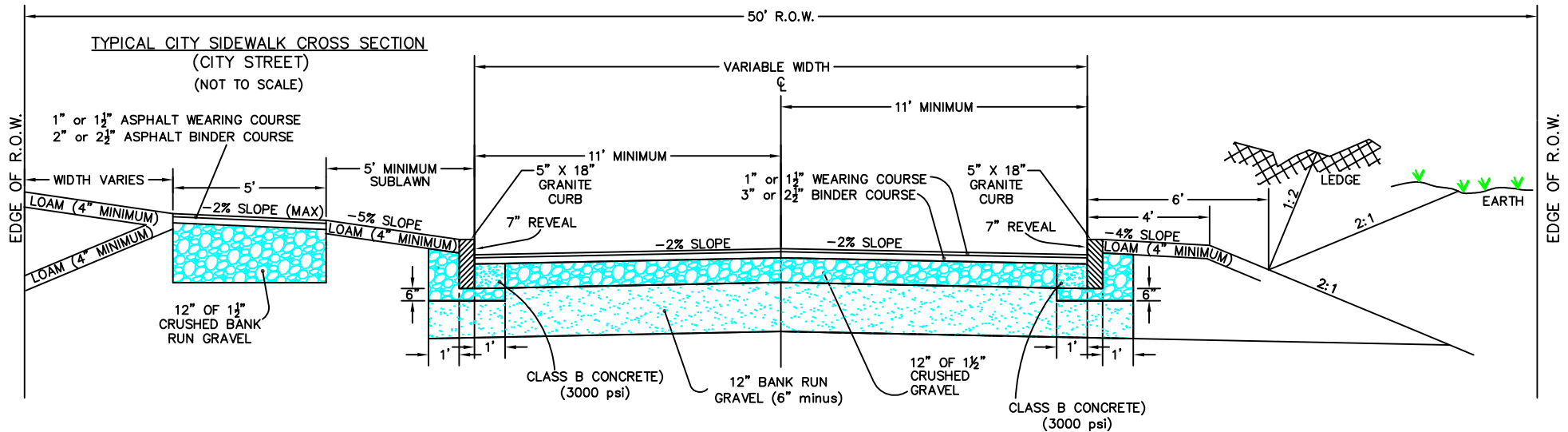


## D4 - TYPICAL ROAD CROSS SECTION COLLECTOR/RESIDENTIAL/DEAD END (NOT TO SCALE)

### General Road Construction Notes:

1. Remove all loam, clay, muck, stumps, and other improper road foundation materials within 3 feet of subgrade. Replace with compacted granular fill material acceptable to the Director of Public Works. Compaction to be at least 95% of the dry weight as determined by modified proctor testing (ASTM 1557).
2. Compaction of at least 96% shall be met at every (100 foot) station. Sieve analysis of source gravels shall be supplied to DPW before placement.
3. All pavement, base materials, and workmanship to be in compliance with the current and approved NHDOT 2016 Standard Specifications for Road and Bridge Construction and meet the City of Laconia minimum asphalt content requirements stated at the bottom of this page under Item 403.11.
4. A two (2) foot shoulder extension is required where guardrail to installed.
5. All road ditch lines shall be lined with RIP-RAP of an appropriate gradation where road grade exceeds 5%. Where road grade is less than 5%, erosion control fabric, or other suitable means of ditch line protection shall be installed and extended 3 feet of each side of the ditch line center line.
6. All underground facilities and transformer slabs shall be located at the right of way line, unless otherwise approved by the Department of Public Works.
7. The requirement for a sidewalk shall be determined by the City Engineer and Planning Board



### SPECIFICATIONS

1. Crushed Gravel 304.4
2. 6" Bank Run Gravel: 304.2
3. Straight Granite Curb: 609.01
4. Curved Granite Curb: 609.02
5. Concrete Curb Backing: 520.2
6. Loam, seed, mulch: 646.51
7. Machine method paving: 403.11

#### Asphalt Mix Type Top

9.53mm Superpave w/rap @ 75 Gyr  
Asphalt Content: 6.4%  
Rap AC=4.8%  
Asphalt Binder 64-28

#### Asphalt Mix Type: Binder/Base

12.5mm Superpave w/screened rap @ 50 Gyr  
Asphalt Content: 6.10%  
Rap AC=4.8%  
Asphalt Binder 64-28

#### Asphalt Mix Type: Binder/Base

19mm Superpave w/rap 50 Gyr  
Asphalt Content: 5.3%  
Rap AC=4.8%  
Asphalt Binder 64.28

NOTE: THESE STANDARDS ARE TO BE CONSIDERED AS MINIMUM REQUIREMENTS. ANY DEVIATION FROM THESE STANDARDS WILL REQUIRE THE LACONIA DEPT. OF PUBLIC WORKS APPROVAL.

G:\Land Projects\Standards\2021 dwg\DPW D4 Typical Road Cross Section COLLECTOR RESIDENTIAL DEAD END 20210203.dwg



## Department of Public Works

27 Bisson Avenue  
Laconia, NH 03246

Phone: 603-528-6379  
Fax: 603-527-1298