

Project Description
State Project No. 0055-0147
Replacement of Bridge No. 02805 Carrying
Route 189 over East Branch Salmon Brook
Town of Granby

Project Location: The project is located at mile post 20.11 of Route 189.

Project Purpose: Bridge No. 02805 carries Route 189 over East Branch Salmon Brook in Granby. The bridge was built in 1935 and is located 0.2 mile south of Massachusetts state line. The existing structure is a cast-in-place concrete deck on concrete stub abutments, has a span length of 10'-0", an out-to-out deck width of 35'-2" and a curb-to-curb distance of 30'-1".

According to the latest Bridge Safety Inspection report dated 04/04/2023, the deck, superstructure, and substructure have an inspection rating of 4/4/6 with the overall rating of 4 ("Poor"). The underside of the slab exhibits significant deterioration/spalls at and near the center of the slab resulting in exposed rebar with moderate to heavy rust. The overlay displays several areas of map cracking. The vertical clearance below the structure is low with debris on the embankments and some in the channel. Due to the current condition of the bridge, Project No. 0055-0147 has been scoped for full replacement of the existing structure.

Project Description: The scope of this project is a full replacement of Bridge No.02805. The proposed structure is a three-sided precast concrete frame with curb-to-curb width of 32'-0" and a span length of 20'. The roadway profile will be raised approximately 2.0' to meet CTDOT hydraulics requirements. Also, a 3.0" thick pavement on the bridge is being proposed to accommodate future preservation projects.

Permits: Environmental permits are anticipated, the extent of which will be explored further by the Department.

Right of Way: All construction will be performed within the State's right-of-way.

Utilities: There are communication and power lines on the inlet side of the bridge and will need to be relocated. The future location of these utilities is currently being investigated.

Maintenance and Protection of Traffic: The Average Daily Traffic (ADT) is approximately 850 vehicles out of which approximately 3% are truck. It is anticipated that Route 189 will be closed to through traffic during construction.

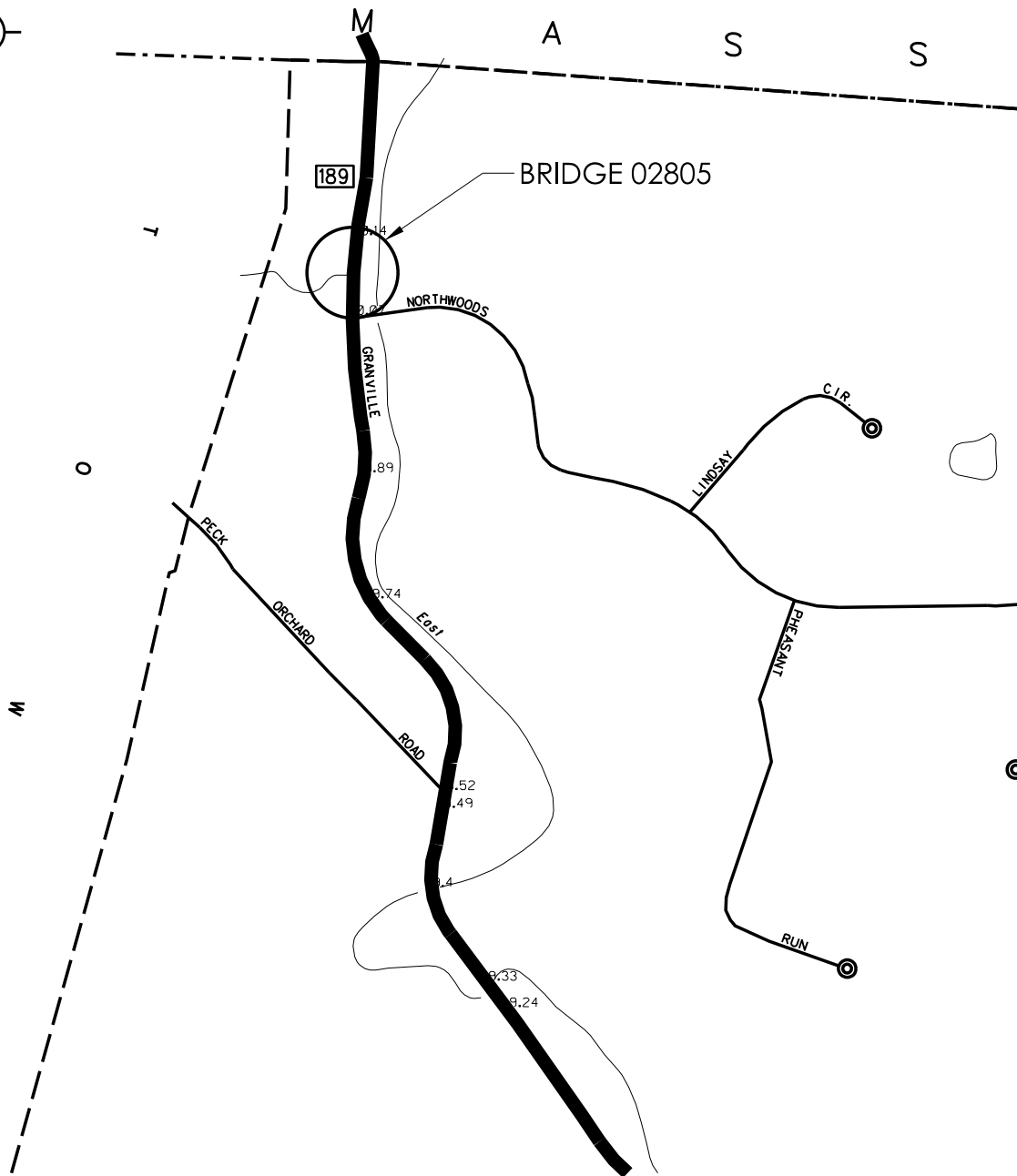
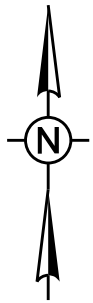
Schedule:

FDP: 01/12/2026

DCD: 02/23/2026

ADV: 03/23/2026

Anticipated Start of Construction: Fall of 2026



LOCATION PLAN
REPLACEMENT OF BRIDGE 02805

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
OFFICE OF ENGINEERING

PROJECT NO.: 0155-0147
GRANBY

DATE: 11/21/2022

