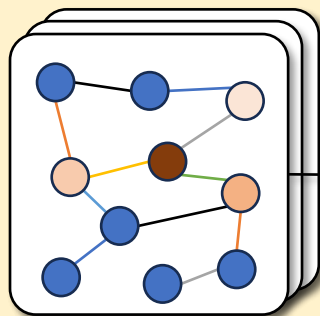
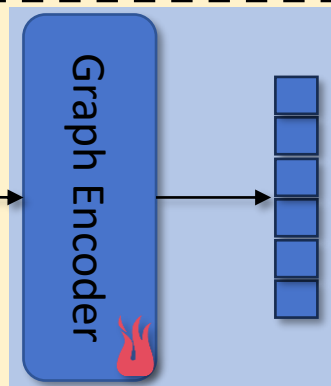


🔥 :Trainable
❄️ :Frozen



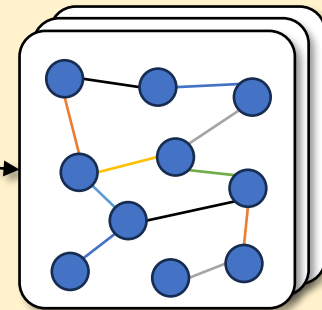
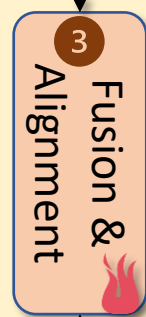
History H_{in} frames

You are a traffic analysis assistant for Los Angeles (LA). You need to consider events occurring H_{in} to $(H_{out} + H_{in} - 1)$ minutes after the following timestamp that could affect traffic speed.
Date and Time: January 14, 2020, at 12:00 PM.
Geographic Coordinates: {coordinate_list}
For each sensor, identify nearby events that could impact traffic (e.g., LA news, SevereWeather, concerts, crime) and estimate the impact. Example: Classic Cinema Night at Cinegrill Theater.

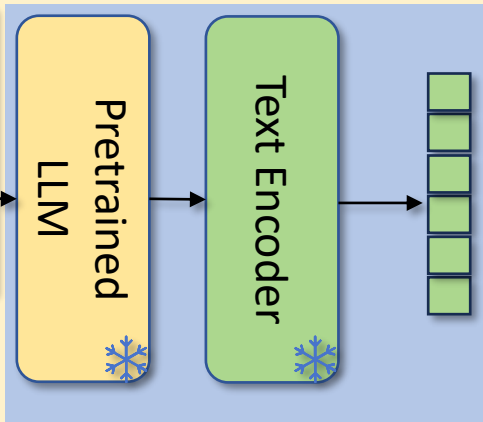


1 Spatial Temporal Graph Encoder
 E_{st}

Query



Future H_{out} frames



E_{text}

Key Value

2 Event Retrieval & Text Embedding

3 Fusion & Alignment

