Behavioral Model Addition

Ingress VRF → **ACL Table** → [decision: segment_exists]

ACL Table

```
match:
    ….
action:
    set segment_id
```

[decision box] — **segment_exists**

Yes → **Segment Route Transit / Termination Table** → **Router Table**

Segment Route Transit / Termination Table

```
match:
    dest_ip == my_ip
action:
    if(SegmentsLeft > 0) {
        SegmentsLeft --
        dest_ip = SRH[SegmentsLeft]
    } else {
        Remove SR Header
    }
default:
    [NO_ACTION]
```

No → **Segment Route Origination Table** → **Router Table**

```
match:
    segment_id
action:
    Add SRH, TLVs
default:
    [NO_ACTION]
```