

Owner

VILLAGE OF CROTON-ON-HUDSON

1 Van Wyck Street
Croton-on-Hudson, NY 10520
914-271-4781

Project

OLD POST ROAD PROPOSED IMPROVEMENTS

Milestone

15% DESIGN SUBMISSION

Rev.	Description	Date

Design Professional

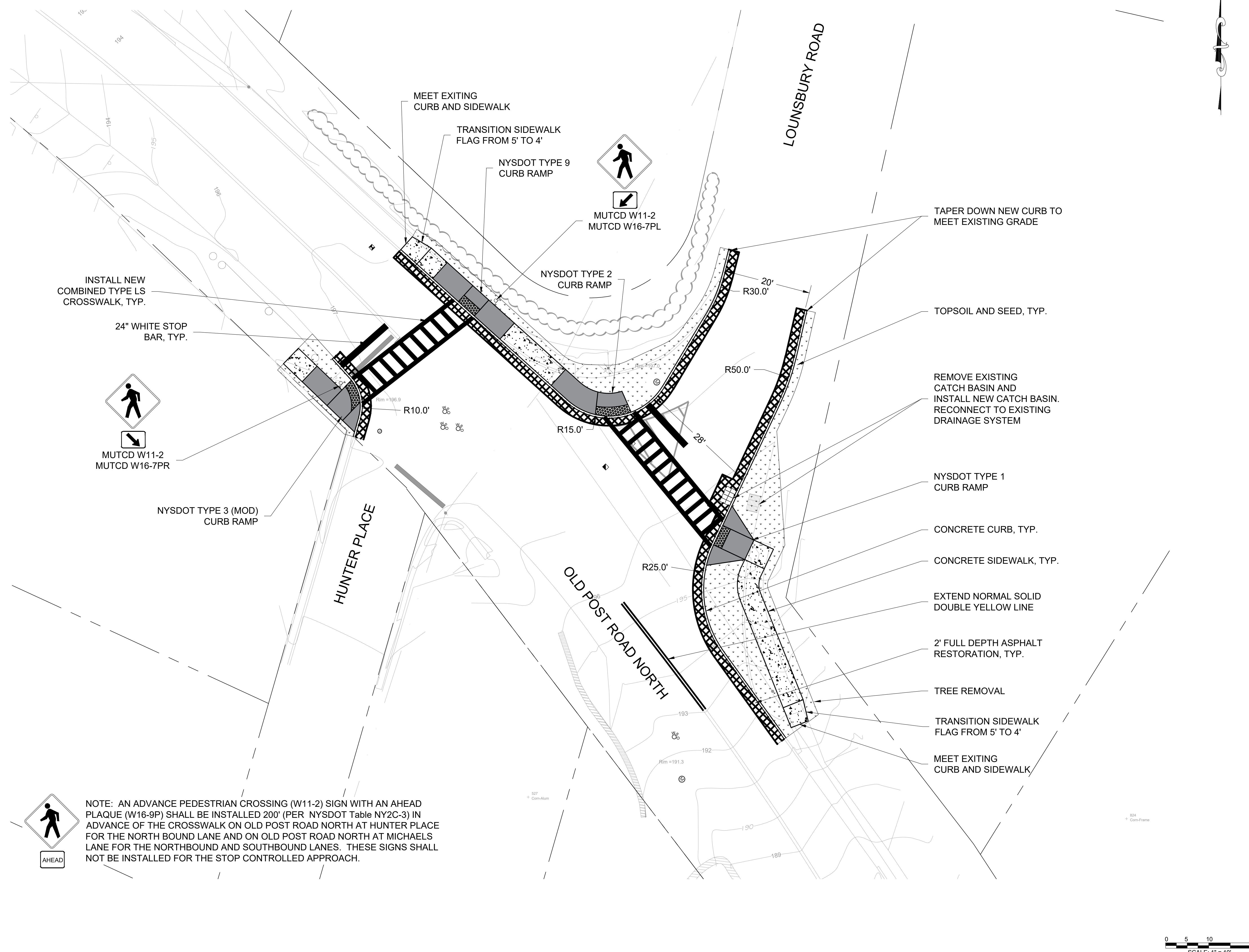
Project #:	240820
Date:	12/2025
Scale:	1" = 10'
Format:	24" x 36" (ARCH D)
Drawn By:	MB
Checked By:	MB

Sheet Title:

ROADWAY PLAN

Sheet Number:

RP-01



NOTE: AN ADVANCE PEDESTRIAN CROSSING (W11-2) SIGN WITH AN AHEAD PLAQUE (W16-9P) SHALL BE INSTALLED 200' (PER NYSDOT Table NY2C-3) IN ADVANCE OF THE CROSSWALK ON OLD POST ROAD NORTH AT HUNTER PLACE FOR THE NORTH BOUND LANE AND ON OLD POST ROAD NORTH AT MICHAELS LANE FOR THE NORTHBOUND AND SOUTHBOUND LANES. THESE SIGNS SHALL NOT BE INSTALLED FOR THE STOP CONTROLLED APPROACH.



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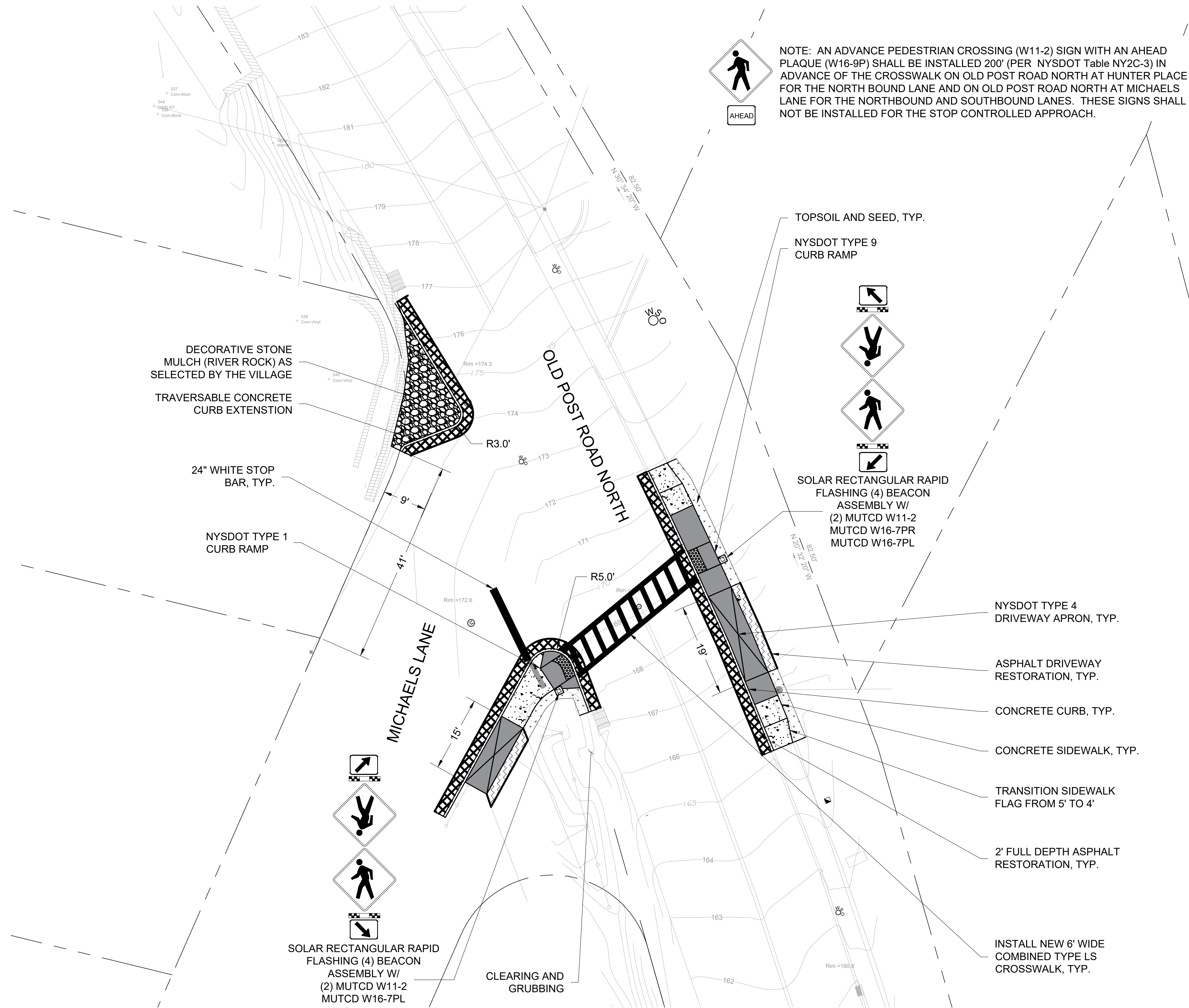
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ROADWAY PLAN

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RP-02



NOTE: AN ADVANCE PEDESTRIAN CROSSING (W11-2) SIGN WITH AN AHEAD PLAQUE (W16-9P) SHALL BE INSTALLED 200' (PER NYSDOT Table NY2C-3) IN ADVANCE OF THE CROSSWALK ON OLD POST ROAD NORTH AT HUNTER PLACE FOR THE NORTH BOUND LANE AND ON OLD POST ROAD NORTH AT MICHAELS LANE FOR THE NORTHBOUND AND SOUTHBOUND LANES. THESE SIGNS SHALL NOT BE INSTALLED FOR THE STOP CONTROLLED APPROACH.



SOLAR RECTANGULAR RAPID FLASHING (4) BEACON ASSEMBLY W/ (2) MUTCD W11-2 MUTCD W16-7PR MUTCD W16-7PL



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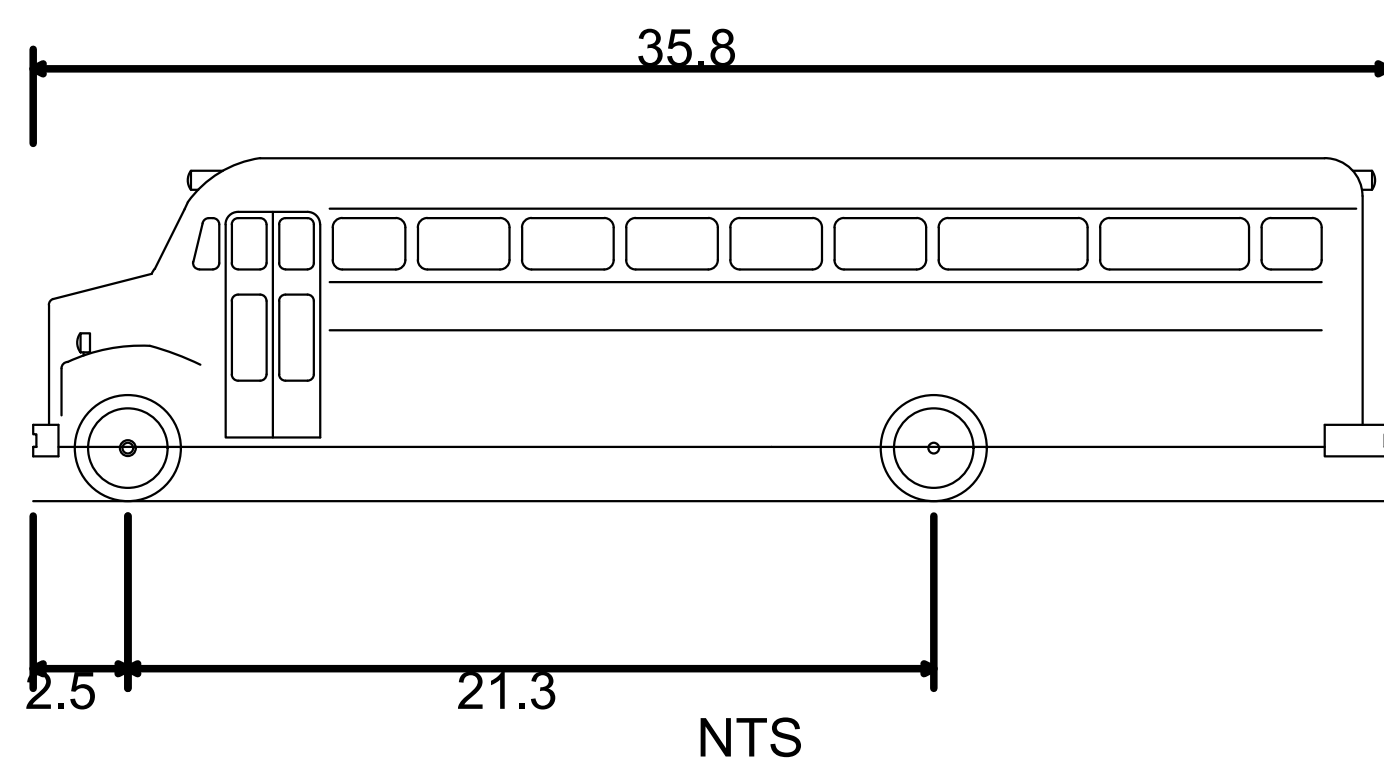
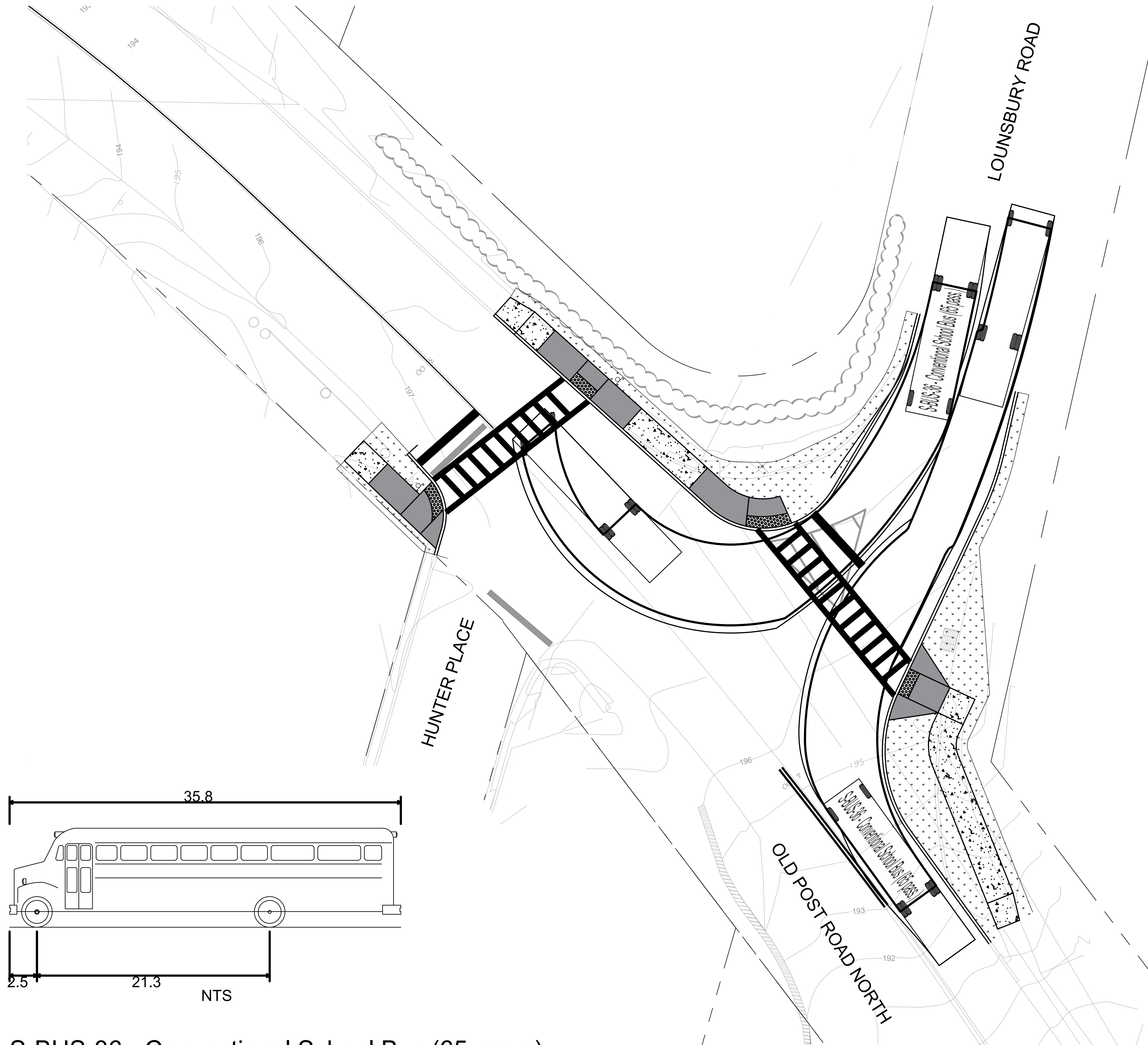
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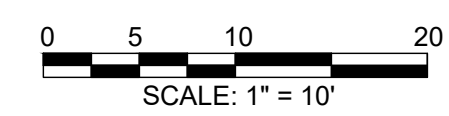
VEHICLE TRACKING

Sheet Number:

VT-01



S-BUS-36 - Conventional School Bus (65 pass.)	
Overall Length	35.800ft
Overall Width	8.000ft
Overall Body Height	9.063ft
Min Body Ground Clearance	1.184ft
Track Width	8.000ft
Lock-to-lock time	5.00s
Max Steering Angle (Virtual)	37.60°



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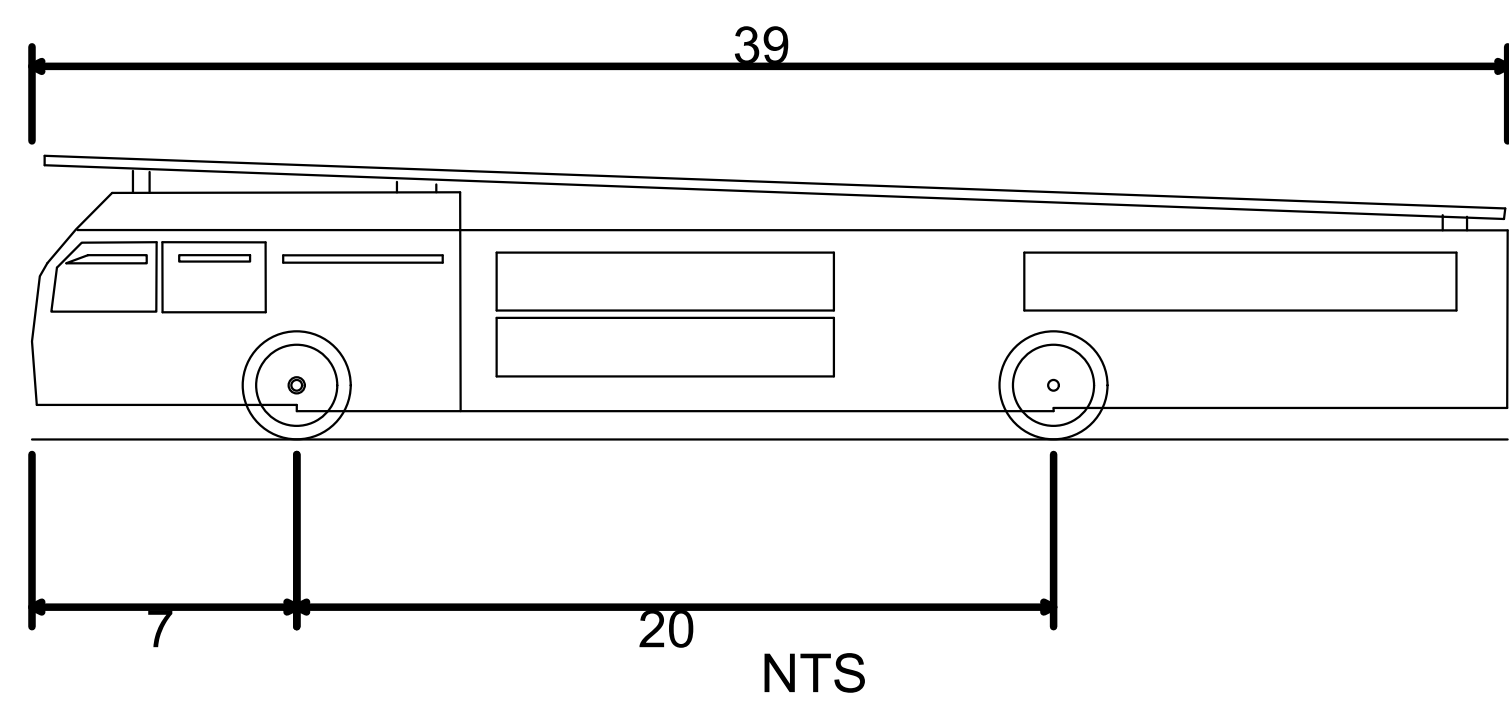
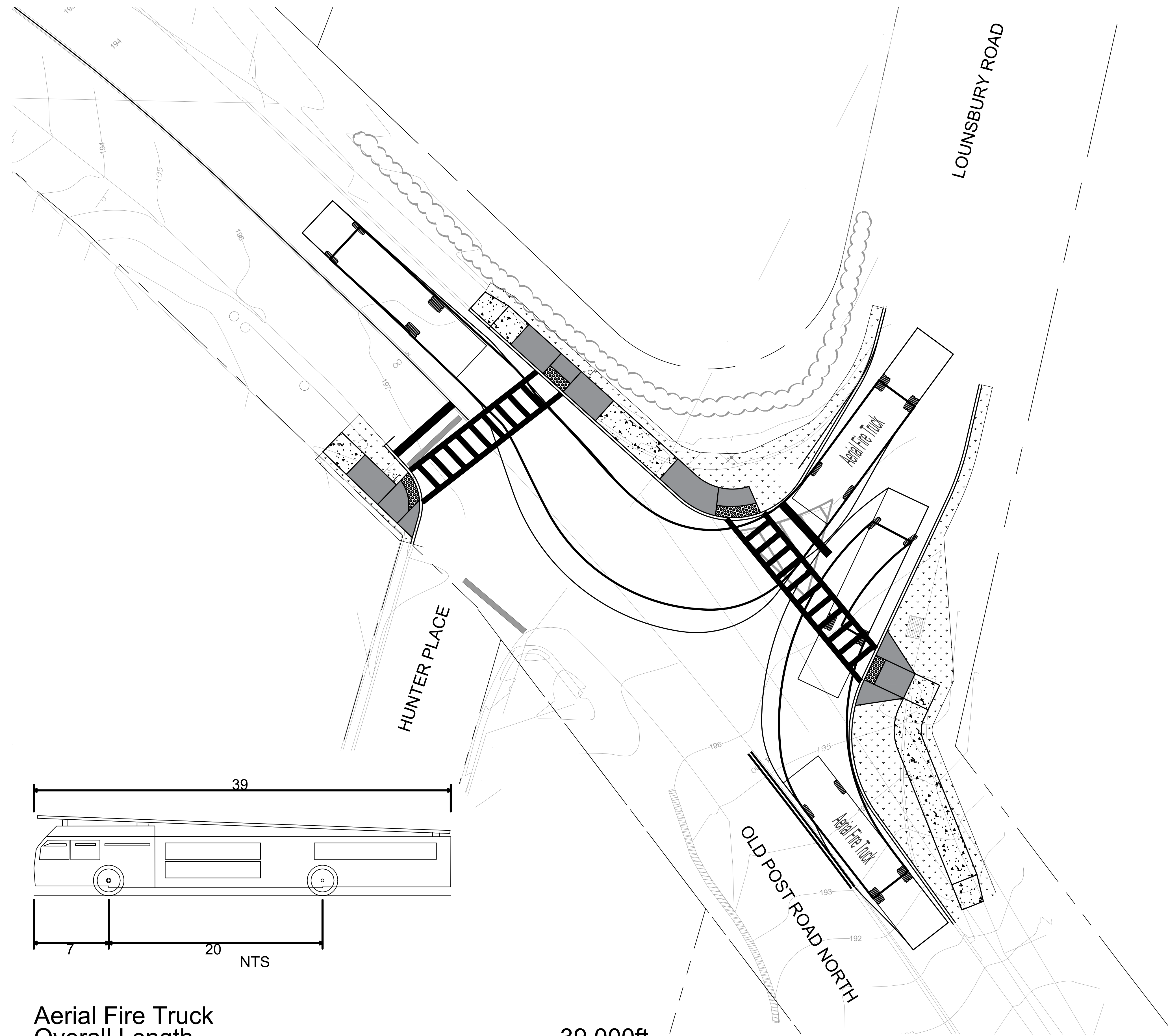
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VEHICLE TRACKING

Sheet Number:

VT-02



- Aerial Fire Truck
- Overall Length 39.000ft
- Overall Width 8.167ft
- Overall Body Height 7.500ft
- Min Body Ground Clearance 0.750ft
- Track Width 8.167ft
- Lock-to-lock time 5.00s
- Max Wheel Angle 45.00°



Rev.	Description	Date

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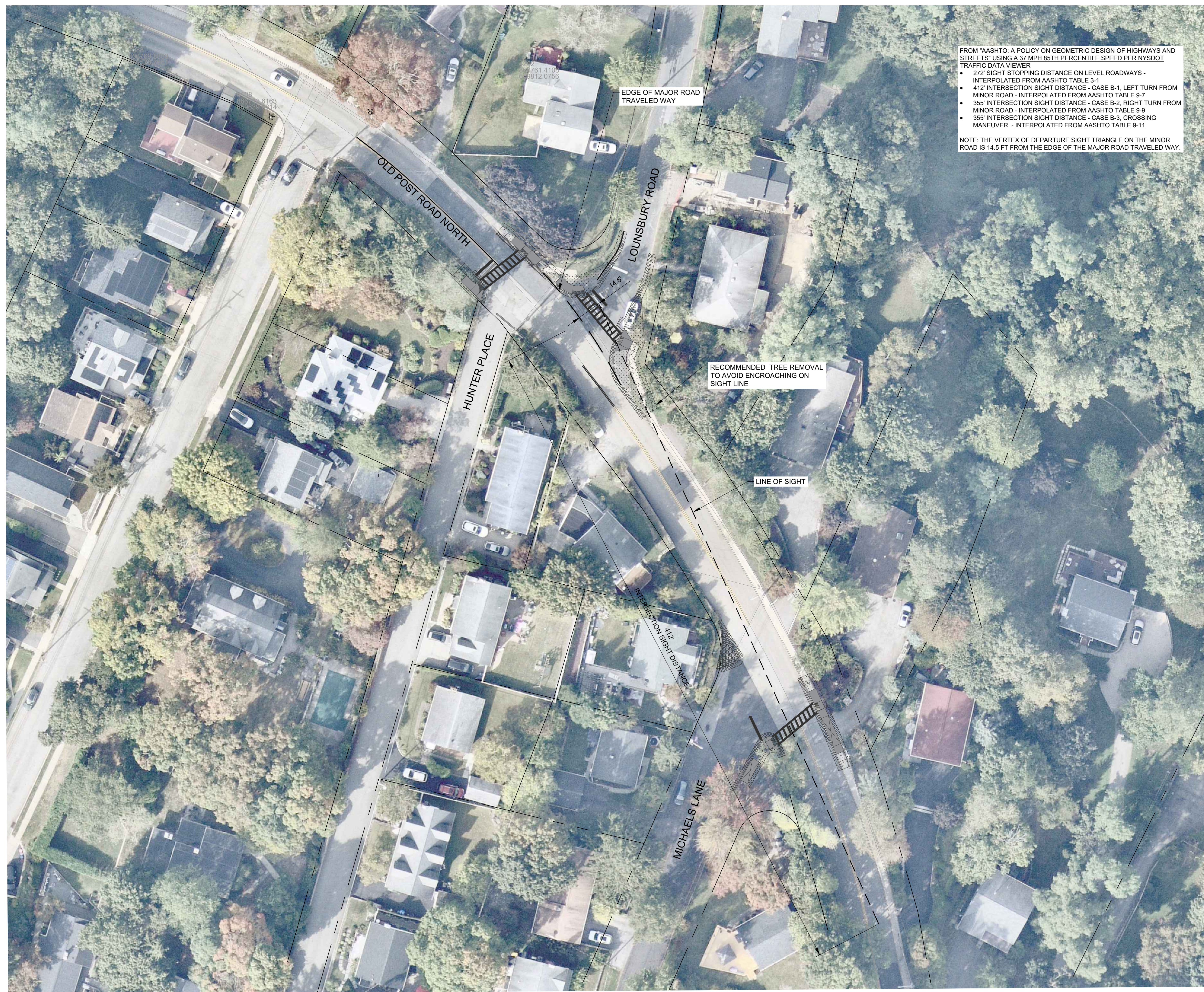
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Sheet Title:

SIGHT DISTANCE

Sheet Number:

SD-01



FROM "AASHTO: A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS" USING A 37 MPH 85TH PERCENTILE SPEED PER NYS DOT TRAFFIC DATA VIEWER

- 272' SIGHT STOPPING DISTANCE ON LEVEL ROADWAYS - INTERPOLATED FROM AASHTO TABLE 3-1
- 412' INTERSECTION SIGHT DISTANCE - CASE B-1, LEFT TURN FROM MINOR ROAD - INTERPOLATED FROM AASHTO TABLE 9-7
- 355' INTERSECTION SIGHT DISTANCE - CASE B-2, RIGHT TURN FROM MINOR ROAD - INTERPOLATED FROM AASHTO TABLE 9-9
- 355' INTERSECTION SIGHT DISTANCE - CASE B-3, CROSSING MANEUVER - INTERPOLATED FROM AASHTO TABLE 9-11

NOTE: THE VERTEX OF DEPARTURE SIGHT TRIANGLE ON THE MINOR ROAD IS 14.5 FT FROM THE EDGE OF THE MAJOR ROAD TRAVELED WAY.

