600' of 8" HDPE pipe for parking drainage.
180' of 6" HDPE pipe for gutter drainage.
44' of 18" Culvert under driveway.

Rim: 1167.83'
6" Inlet Inv: 1166.20'
8" Outlet Inv: 1166.11'

Rim: 1167.83'
(W) 6" Inlet Inv: 1165.22'
8" Outlet Inv: 1165.05'

Outlet Inv: 1170.89'

Rim: 1176.75'
(SW) 8" Inlet Inv: 1172.68'
8" Outlet Inv: 1172.60'

Rim: 1176.75'
(W) 8" Inlet Inv: 1172.00'
(S) 8" Outlet Inv: 1171.92'

Concrete Block Wall

Property line at prior creek location

Current creek location

Fog line

Edge of Pavement

Drainage Plan

1" = 30'-0"
Dryden Rd

Replacement Septic Area

100' from creek

Property line at prior creek location

Current creek location

Concrete Block Wall

Centerline

Fog line

Edge of Pavement

0' 15' 30' 60' 120'

0' 15' 30' 60' 120'

Fog line at prior creek location

property line at prior creek location

1 Septic Plan

C6
1. Stone Size - Use a 1-4 inch stone, or reclaimed or recycled concrete equivalent.
2. Length - Not less than 50 feet (except on a single residence lot where a 30-foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Twelve (12) feet minimum, but not less than the full width at points where ingress or egress occurs. Twenty four (24) feet if single entrance to site.
5. Geotextile - will be placed over the entire area to be covered with aggregate
6. Surface Water - All surface water flows or diverted toward construction entrance shall be directed toward a stable and impervious area. A mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. Any sediment that washes or flows onto public rights-of-way must be removed immediately.
8. Concrete - When washing is required, it shall be done on an area stabilized with stone which drains into an approved sediment trapping device.
9. Periodic inspections and needed maintenance shall be provided after each rain.
NOTES

• Filter Fabric to be Cut FROM Continuous Roll to Eliminate Joints. If Joints Are Necessary, Overlap to Extend to Next Stake.
• Space Staples Evenly Around Drainage Structure at Maximum 3' Intervals and Drive to Minimum 18' Depth Into Soil.
• Filter Fabric to be Securely Fastened to Lumber Frame and Shall Be Embedded a Minimum 12" Into Soil.
• Inlet fabric to be used within the state land.

IN PAVEMENT

1. Silt Fence Detail

- Dig 8" trench. Bury bottom flap of fabric as shown and compact backfill.
- Undisturbed ground
- Filler fabric fence
- Staples
- Wood stake
- Joining Fence Section
- Filler Log to be used within the state land

2. Catch Basin Protection Detail

- 2x4 lumber stakes and rails
- Overflow weir 6" above adjoining grade to prevent bypass of runoff to next downstream structure
- Property line at prior creek location
- Concrete Block Wall
- Current creek location
- Property line at prior creek location

3. Drainage inlet or storm manhole

IN LANDSCAPE

- Drainage inlet or storm manhole
- Undisturbed ground
- Filter fabric fence
- Staples
- Wood stake
- Joining Fence Section
- Filler Log to be used within the state land
- Filler fabric fence
Driveway Details

1. Driveway Entrance Plan
   1/4" = 1'-0"
   - Sawcut existing pavement and replace (See Detail 2)

2. Driveway Profile
   1/4" = 1'-0"
   - Subbase Course, Optional Type (12")
   - Geotextile Separation
   - Base Course ((2) 3" Lifts)
   - Binder Course Asphalt (2 1/2")
   - Top Course Asphalt (1 1/2")
   - 2 1/2" / 12" Galvanized Steel End Sections

3. Driveway Section
   1/8" = 1'-0"
   - 2 1/2" / 12" Galvanized Steel End Sections
**Road Work Ahead**

**W25-1**

**Road Work 500ft**

**X/W25-1 b**

**End Road Work**

**G20-1**

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### BARRIER VEHICLE STATIONARY OPERATION

**Vehicle Weight (lb)**

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>4,500 lb</th>
<th>10,000 lb</th>
<th>15,000 lb</th>
<th>24,000 lb</th>
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<tbody>
<tr>
<td>10,000</td>
<td>60-65</td>
<td>50 ft</td>
<td>100 ft</td>
<td>150 ft</td>
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<td>24,000</td>
<td>60-65</td>
<td>50 ft</td>
<td>75 ft</td>
<td>100 ft</td>
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</table>

**Weight of Impacting Vehicle To Be Contained (ft)**

<table>
<thead>
<tr>
<th>40 ft</th>
<th>45 ft</th>
<th>50 ft</th>
<th>55 ft</th>
<th>60 ft</th>
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</thead>
<tbody>
<tr>
<td>100 ft</td>
<td>100 ft</td>
<td>100 ft</td>
<td>100 ft</td>
<td>100 ft</td>
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</tbody>
</table>

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### LENGTH OF LONGITUDINAL BUFFER SPACE “B”

Based on Table 6c-2 from the N MUTCD

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Distance (ft)</th>
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<tbody>
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<td>30</td>
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<tr>
<td>35</td>
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<td>40</td>
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<td>45</td>
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<td>645</td>
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<td>70</td>
<td>730</td>
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### ADVANCE WARNING SIGN SPACING TABLE

<table>
<thead>
<tr>
<th>Road Type</th>
<th>Distance Between Signs</th>
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</thead>
<tbody>
<tr>
<td>Urban (30 MPH or Less)</td>
<td>100 Ft.</td>
</tr>
<tr>
<td>Urban (35-40 MPH)</td>
<td>200 Ft.</td>
</tr>
<tr>
<td>Urban (45 MPH or Greater)</td>
<td>350 Ft.</td>
</tr>
<tr>
<td>Rural</td>
<td>500 Ft.</td>
</tr>
<tr>
<td>Expressway/Freeway</td>
<td>1,000 Ft.</td>
</tr>
</tbody>
</table>

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### TABLES

1. WZTC Plan
2. WZTC Signs
3. Table 1
4. Table 2
5. Table 3
NYSDOT STANDARD GENERAL PLAN NOTES

1) The roadway shall be kept clean of mud and debris at all times.

2) Roadside drainage shall be maintained at all times.

3) Materials, equipment and vehicles shall not be stored or parked within the New York State Right-of-Way.

4) Work Zone Traffic Control shall comply with the 2009 edition of the National Manual on Uniform Traffic Control Devices for Streets and Highways and the New York State Supplement, and shall be in accordance with the NYSDOT contract or Highway Work Permit documents and as deemed necessary by the NYS Engineer in Charge.

5) Notify New York State Department of Transportation resident engineer at the applicable Residency, three working days prior to working in the state Right-of-Way.

6) Notify DIG Safely New York three working days prior to digging, drilling or blasting at 1-800-962-7962, for a utility stake-out.

7) All work contemplated and materials used within the NYS Right-of-Way shall be covered by and in conformity with the NYS Department of Transportation specifications book and any subsequent addenda along with any appropriate current NYS Department of Transportation standard sheets, except as modified in these plans and in the Itemized proposal. Metric units may be converted to English.

8) Quality control of asphalt concrete shall meet the requirements of sections 402 of the standard specifications. Asphalt course depths shown on the plans are compacted depths.

9) No night work will be allowed unless prior approval is given by the Department. Additional maintenance and protection of traffic will be required including the addition of reflective materials and lighting.

10) Hazardous waste notification - The permittee accepts the Right-of-Way of the state highway in its’ as is condition. The Department of Transportation makes no representation as to the absence of underground tanks, structures, features or similar impediments to the completion of the work permitted hereunder. Should permittee find some previously unknown underground impediments to its work permitted hereunder, it shall notify the Department thereof. The Department will then determine whether such impediments are within its control and, if not, whether permittee can modify or otherwise deal with such impediments. Should permittee determine that such unforeseen impediments render permittee’s work as authorized by this permit unfeasible, permittee shall have the option of restoring the highway to its original condition and not performing such work.

11) Opening cutting of the roadway shall not be allowed unless prior approval is given by the regional Traffic Engineer.

WZTC NOTES:

1) When paved shoulders having a width of 6’ or more are closed, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work area and direct vehicular traffic to remain in the travel way.

2) When a side road or driveway intersects the roadway within a work zone traffic control area, temporary traffic control devices and/or flaggers shall be placed as needed. Additional flaggers shall be located at all intersections and commercial roadways located within of near the active work space.

3) No work activity, equipment, or storage of vehicles, or material shall occur within the buffer space at any time.

4) Channelizing device spacing (center to center) shall not exceed 40’ in the active work space.

5) Transverse devices shall be required (as per 619 standard specifications) when a paved shoulder having a width of 6’ or greater is closed for a distance greater than 100’. 

6) The end road work sign (G20-2) shall be placed a maximum of 500’ past the end of the work space.

7) Centerline channelizing devices are optional and may be eliminated where space constraints exist.