SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

NON-UTILITY HIGHWAY WORK PERMIT REQUIREMENTS

Per **General Municipal Law – 239-F** No building permit shall be issued by any municipality to a property fronting on or has access to or be otherwise directly related to the County Right-of-Way without notifying the Suffolk County Commissioner of Public Works, Suffolk County will review and provide comments as necessary. The Local Municipality cannot issue a building Permit until Suffolk County provides 239-F approval. **Therefore, the applicant must coordinate with the Town/Village Building Department to ensure SCDPW has received and approved the necessary 239-F paperwork before a Highway permit can be processed.**

Per **NYS Highway law § 136** All projects that have access or frontage proposing to make modifications within the County Right of Way (ROW) require a Highway Work Permit.

The zoning and subsequent use of this property is under the authority of the Town/Village in which this development is located. Thereby, the issuance of a Suffolk County "Highway Work Permit" should not be construed as an approval by this Department for any development and/or associated land use.

Highway Work Permit Requirements:

1. Permit application.
2. 239-F approval paperwork from local municipality.
3. Plans detailing all proposed work within the County ROW: (**Suffolk County follows NYSDOT Specifications and Details**)
   All site surface water runoff will be kept onsite and not discharged onto County ROW.
   a. Plans need to show:
      - The existing property lines.
      - The proposed access and onsite parking lot layout.
      - Street or driveway opposite the subject site.
      - Within the County Right of Way show curblines/edge of pavement, sidewalks, driveways, pavement marking lane lines, ramps, (grading as needed) overhead and underground utilities, drainage, signs, and signal equipment where applicable.

   a. Pavement markings for access and along county roadway fronting site (including all lanes).
   b. Plans should be 1:40 scale (1:20 scale for signal plans).
   c. Signal plans will include at a minimum, Right-of-Way lines, existing and proposed curblines, existing overhead and underground utilities, drainage, existing and proposed signal and pedestrian signal equipment, sidewalk, driveways, ramps, phasing diagram, sequence tables and table of items and quantities (Suffolk County can provide design guidelines upon request).
   d. Provide all necessary details sheets and Work Zone traffic controls and detour plans when applicable.
   e. Tree removals must be identified on the plans to determine if they need to be replaced.
4. Number of vehicle trips generated by the site, determined utilizing the latest ITE Trip Generation Manual (pass-by credits cannot be applied).
5. Traffic Impact Study, as required by SCDPW for larger projects.
6. Proof of General Liability Insurance with Suffolk County Dept. of Public Works, 335 Yaphank Avenue, NY 11980 listed as certificate holder and additional insured.
7. Proof of Worker's Compensation and Disability Insurance Coverage.
8. Permit fees, calculated at time of issuance.

rev. 5/10/24

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS
HIGHWAY WORK PERMIT APPLICATION FOR NON-UTILITY WORK

Property Owner:

Name:_____

Address_____

City_____State_____Zip_____

Phone _____

Email Address_____

Applicant if different than owner:

Name _____

Address _____

City_____State_____Zip _____

Phone _____

Email Address _____

Contractor Name _____

Contractor Emergency Phone _____

Project Information:

Project Name _____

Project Address: _____

City_____ Hamlet _____ State_____ ZIP _____

Nearest Cross Street (and distance from) _____

Suffolk County Tax Map # _____

# of Trips Generated and Land Use Code _____
(If applicable)

Description of Proposed Work:

_____

_____

_____

_____

Town/Village Contact for Permit Review Name _____Ph_____

Town/Village Dept _____Email _____

ATTACHED: (Select applicable)

☐ 239F Documentation ☐ Plans ☐ TIS ☐ other _____

Note: Permit Is Issued Contingent Upon All Local Requirements Being Satisfied

Applicant Signature_____ Date_____

If you need assistance completing this form, please call us at (631) 852 4081

RETURN THIS FORM TO: SUFFOLK COUNTY DPW, TRAFFIC AND PERMITS, 335 YAPHANK AVE, YAPHANK NY 11980
OR BY EMAIL: DPWTRAFFIC@SUFFOLKCOUNTYNY.GOV

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO NON-UTILITY HIGHWAY WORK PERMITS

GENERAL CONDITIONS:

NOTE: FAILURE TO OBTAIN A PERMIT OR FAILURE TO COMPLY WITH THE TERMS OF A PERMIT MAY RESULT IN THE SCDPW HALTING THE ACTIVITY FOR WHICH A PERMIT IS REQUIRED UNTIL ADEQUATE CORRECTIONS HAVE BEEN MADE.

The specific site identified in this Highway Work Permit, and only that site identified, will be available for use by Permittee only for the purpose stated in this Permit. This Permit does not authorize any infringement of Federal, State or Local Laws or Regulations.

This permit shall not be assigned or transferred without the written consent of the Suffolk County Commissioner of Public Works.

Under the execution of the permit, the Developer, their Consultants and their Contractor will be responsible for providing all construction in a first-class workman-like manner, strictly adhering to the Suffolk County Specifications and Direction provided by the County Representative. All phases of construction require inspection and/or acknowledgement of same from the County Rep before commencement of construction. **The permit, with the applicable stamped permit plans, shall be made available by the contractor at the job site during construction for the use and inspection of this department's personnel. No inspection will occur without approved stamped plans.**

Work items listed in the permit and on the approved stamped plans may be modified by the County Representative/Engineer prior to or during the course of the permitted work if field conditions, specifications, and/or applicable standards or guidelines warrant revisions to the plans.

The Permittee assumes full responsibility for planning and conducting a safe and orderly project that does not expose workers or the public to any unreasonable hazards and that involves a minimal disruption of the normal uses of the highway. It shall be the sole obligation of the Permittee to determine whether the site is suitable for the purpose of safely conducting the work. The Permittee assumes all responsibility for assuring that the use of the highway/property conforms to applicable requirements of law, including, but not limited to those set forth herein.

The permittee agrees to assure compliance with New York Labor Law, industrial regulations, and OSHA regulations, and to assure the safety of all workers who will be engaged to do the permitted work.

This Highway Work Permit is contingent upon full compliance with EPA stormwater Phase II regulations and the construction activity permit (if issued) by the New York State Department of Environmental Conservation (NYSDEC).

If applicable, all parts of any construction activity permit shall be complied with, including but not limited to, the Stormwater Pollution Prevention Plan (SWPPP), sediment and erosion control measures, and Best Management Practices (BMP's) as required.

Permittee is responsible for preventing sediment from entering the drainage system by installing and maintaining **sediment control inserts or barriers at all drainage inlets within the work area**. Any accumulated debris or silt must be vacuumed/removed at the permittee's expense prior to final inspection.

The County ROW must remain clear of debris throughout the duration of the permitted project, with cleaning performed as needed. The permittee shall provide a stabilized construction access (stone pad) consisting of crushed stone over filter fabric, A.O.B.E.

All sidewalks, driveways, handicap ramps must meet ADA requirements as set forth in the latest Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG) and NYSDOT Specifications and Standard Sheets and as per approved stamped construction plans. All Detectable warning pads shall be yellow.

Restore the County right-of-way in accordance with this Department's most recent general, traffic and material specifications (Suffolk County follows the latest NYSDOT Specifications and Details) and as ordered by engineer. Finish quality including, but not limited to, accuracy of grades, tooling, control/expansion joints, finished elevations, ADA-compliance etc., will be thoroughly inspected and approved or rejected accordingly.

The Contractor/Permittee shall provide safe and continuous passage for pedestrian, bicycle and vehicular traffic at all times.

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO NON-UTILITY HIGHWAY WORK PERMITS

GENERAL CONDITIONS:

WORK ZONE TRAFFIC CONTROL(WZTC) shall be in accordance with the latest National Manual of Uniform Traffic Control Devices (MUTCD), New York State Supplement and NYSDOT Standard Sheets as approved by the Engineer. The Engineer may order additional work zone traffic control devices such as signs, cones, drums, flaggers shadow vehicles, warning lights etc. if he deems it necessary. No Roadway Closures will be permitted without prior approval, See additional Work Zone Traffic Control requirements below for work hours.

Lane Closures and WZTC will not be permitted during inclement weather, A.O.B.E.

No work shall be performed between November 15 and March 15th without prior approval from Suffolk County.

Road plates shall NOT be used during the Snow and Ice Season.

Belgium block is not permitted within the County right-of-way.

If permitted, sprinkler systems will be owned and maintained by the Permitee, water bills will also be the responsibility of the permitee, unless otherwise stated in the permit.

A Non-utility permit needs to be executed before a Utility connection permit can be granted.

As per Suffolk County Local Law No. 56-2012: The permittee shall have 30 days to remove a double pole following removal of all plants from the pole. Failure to do so may result in penalties as provided by law.

Utility Annual Maintenance Permits allow the utility permittee to enter the County Right-of-Way for the purpose of performing emergency repairs. Twenty-four (24) hours advance notification shall be provided to the SCDPW prior to the start of work whenever possible. If advance notification is not possible due to the nature of the emergency, the permittee shall notify the SCDPW as soon as practicable following the commencement of work.

New Signage must meet requirements of the Latest Federal MUTCD and NYS Supplement. All signs need to be crash worthy, with either breakaway U channel posts. All sign material must meet NYSDOT specifications.

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO NON-UTILITY HIGHWAY WORK PERMITS

GENERAL CONDITIONS:

INSURANCE COVERAGE:

Permittee agrees to maintain liability insurance in full force and effect throughout the term of the highway work permit. Expiration of, or lack of, liability insurance automatically terminates the permit. Updated insurance certificates should be provided 30 days in advance of expiration. All insurance providers must have an AM Best-rating of A or Better.

To comply with this requirement, an applicant must furnish the Department with the following:

General Liability Insurance Coverage:

Permittee must provide proof of **Commercial General Liability** insurance coverage with Suffolk County listed as an Additional insured. Including contractual liability coverage in and amount not less than two million dollars ($2,000,000) per occurrence for bodily injury and two million dollars ($2,000,000.00) per occurrence for property damage.

SCDPW may allow the following exceptions to the requirements above:

a) For residential driveways and sign installations: the minimum liability limits may be reduced to $1,000,000 per claim/occurrence. Any contractor performing on behalf of a homeowner must provide proof of insurance as outlined above.
a) The permittee may furnish a minimum one-million-dollar ($1,000,000) umbrella policy along with the liability policy to meet the two million dollar ($2,000,000) general liability insurance requirements listed above.
b) For municipalities completing work within the County ROW utilizing their staff general liability insurance is not required, they must provide proof of self-insurance. Any contractor performing on behalf of the Town must provide proof of insurance as outlined above.

The applicant must furnish:

A completed **Certificate of Insurance** evidencing the required types and limits of insurance coverage, with Suffolk County named as an additional insured on the commercial general liability policy. An industry standard **ACORD 25** is acceptable evidence of the required coverage. Certificate Holder should be indicated as Suffolk County, with the address of the issuing office.

The Suffolk County Permit number must be stated on the Certificate of Insurance.

The permittee assumes responsibility for all injury to or destruction of or loss by theft or pilferage of the contractor's and/or subcontractor's materials, tools, machinery, equipment, appliances, shoring, scaffolding, false and formwork and personal property of his employees, from whatever cause.

Worker's Compensation and Disability Insurance Coverage:

Permittee is required to have compensation insurance and disability coverage as noted in the provisions of the Worker's Compensation Law and Acts amendatory thereof for the entire period of the permit, or the permit will be invalid. Applicant must provide proof of coverage (**Form C-105.2 for Worker's Compensation, and DB-120.1 or DB-155 for Disability Benefits)** or provide proof of exemption from this requirement (Form CE-200).

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO NON-UTILITY HIGHWAY WORK PERMITS

GENERAL CONDITIONS:

INDEMNIFICATION:

Permittee agrees that, in addition to any protection afforded to Suffolk County under any available insurance, Suffolk County shall not be liable for any damage or injury to the Permittee, its agents, employees, or to any other person, or to any property, occurring on the site or in any way associated with Permittee's activities or operations; whether undertaken by Permittee's own forces or by contractor or other agents working on Permittee's behalf. To the fullest extent permitted by law, the Permittee agrees to defend, indemnify and hold harmless Suffolk County Department of Public Works, and their agents from and against all claims, damages, losses and expenses, including but not limited to attorney's fees arising out of any claim, including but not limited to claims for personal injuries, property damage or wrongful death and/or environmental claims, in any way associated with the Permittee's activities or operations, no matter how caused.
The Permittee assumes responsibility for all injury to or destruction of or loss by theft or pilferage of the contractor's and/or subcontractor's materials, tools, machinery, equipment, appliances, shoring, scaffolding, false and formwork and personal property of his employees, from whatever cause.

PERMIT FEES: (Reference Suffolk County Charter Article V Highway Work Fees)

239F Review Fee: is required in the amount indicated on the permit documentation. These fees are non-refundable **and must be in the form of a certified check if the fee is more than $200.00**. (Check to be made payable to the SUFFOLK COUNTY DEPT. OF PUBLIC WORKS).

Permit Fee: is required in the amount indicated on the permit documentation. These fees are non-refundable **and must be in the form of a certified check if the fee is more than $200.00**. (Check to be made payable to the SUFFOLK COUNTY DEPT. OF PUBLIC WORKS).

Impact Fee: When required will be in the amount indicated on the permit, to be applied toward future improvements to be performed by Suffolk County on the adjacent County Road network as per Suffolk County Resolution. This fee is non-refundable and must be in the form of a certified check made payable to the SUFFOLK COUNTY COMPTROLLER. It is calculated utilizing the trip generated by the site (pass-by credits cannot be applied) as per Suffolk County Resolution.

Security: To ensure the completion of work allowed under a highway work permit and to ensure that the County Road(s) is restored to the condition it was in before permitted work was undertaken, performance security may be required. The amount of performance security required shall be at the discretion of the Department based upon the projected cost of assuring restoration.

This security must be in the form of one of the following:

A certified check (payable to the SUFFOLK COUNTY COMPTROLLER) OR
An **original** performance bond (with no expiration date) OR
A Letter of Credit

This security will be returned upon satisfactory completion and approval of the required work.

Maintenance Security:
If maintenance security is required by the Department, the permittee shall be responsible for the maintenance and repair of such work or portion thereof for a period of one (1) year or as determined by the department. The amount of performance security required shall be at the discretion of the department based upon the projected cost.

This security must be in the form of one of the following:

A certified check (payable to the SUFFOLK COUNTY COMPTROLLER) OR
An **original** performance bond (with no expiration date) OR
A Letter of Credit

This security will be returned (1) one year after completion of the required work.

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO NON-UTILITY HIGHWAY WORK PERMITS

GENERAL CONDITIONS:

NOTIFICATION: The following should be notified at the appropriate time as shown below:

- Utility companies with facilities in work areas, before starting work (in accordance with Industrial Code 53). by calling 811 at least 2 business days in advance but no more than 10 business days prior to the start of any work. Failure to do so may void this permit.
- Suffolk County Department of Public Works Permit Section, **(5) five days prior to starting work to schedule a pre-construction meeting.** Call (631) 852-4081 or email DPWTRAFFIC@suffolkcountyny.gov
- Suffolk County Department of Public Works Permit/Traffic Section, **(3) three days prior to pouring signal pole or other structural concrete.** Call (631) 852-4081 or email DPWTRAFFIC@suffolkcountyny.gov
- Suffolk County Department of Public Works Permit/Traffic Section, **(2) two days prior to starting any dewatering or monitoring well operations.** Call (631) 852-4081 or email DPWTRAFFIC@suffolkcountyny.gov
- Suffolk County Department of Public works Permit Section, **at completion of work.** Call (631) 852 4081 or email DPWTRAFFIC@suffolkcountyny.gov

WORK ZONE TRAFFIC CONTROL REQUIREMENTS:

Road work including but not limited to shoulder closures, lane shifts, lane closures will typically only be permitted between the hours of 9am and 4pm, these hours maybe reduced by Suffolk County Inspector at any location and at any time due to traffic and safety concerns.

All lane or road closures must be approved by SCDPW, 7 days' notice is required. For road closures (and as needed for lane closures), detour plans will be required and need approval by SCDPW.

The contractor will not be permitted to utilize nighttime paving, lane closures or lane shifts unless prior approval is received from SCDPW. If night work is permitted the work hours will be provided on the permit. Night work will follow NYSDOT Item 619-3.19 (Nighttime operations).

Unless otherwise stated on the contract documents, plans or advised, no lane/shoulder closures will be allowed on weekends and on the following days:

6:00 am Friday before memorial or Labor Day to 6:00 am Tuesday after.
6:00 am Wednesday before Thanksgiving Day to 6:00 am Monday after.

If Independence, New Year's or Christmas day falls on:

Sunday or Monday -6:00 am Friday before to 6:00 am Tuesday after.
Tuesday -6:00 am Saturday before to 6:00 am Wednesday after (starting at 6:00 am Friday before to 6:00 am Wednesday after for Christmas day)
Wednesday-6:00 am Tuesday before to 6:00 am Thursday after. (starting at 6:00 am Saturday before to 6:00 am Thursday after for Christmas day)
Thursday-6:00 am Thursday before to 6:00 am Monday after. (starting at 6:00 am Wednesday before to 6:00 am Monday after for Christmas day)
Friday or Saturday-6:00 am Thursday before to 6:00 am Monday after.

Exceptions can only be made under the following conditions:
-emergency work
-work within long term stationary lane/shoulder closures
-safety work that does not adversely impact traffic mobility and has been authorized by the Suffolk County.

The Department reserves the right to cancel any work operations, including lane closures and/or total road closures that would create traffic delays by unforeseen events.

GENERAL CONDITIONS:

CONCRETE AND ASPHALT REQUIREMENTS:

All concrete mixtures shall be from NYSDOT approved concrete plants, have a NYSDOT approved concrete mix design ID number, and utilize only NYSDOT approved materials. If it is determined that proper procedures have not been adhered to, or that the concrete is not to specifications, all work disapproved will be removed and replaced at no cost to the County. Surface finish must also be acceptable to Suffolk County.

NYSDOT Approved list of concrete and asphalt plants for Region 10 (Long Island) can be found here:

https://www.dot.ny.gov/divisions/engineering/technical-services/technical-services-repository/alme

All concrete and asphalt placed will meet the requirements of Suffolk County Standards and NYSDOT Specifications.

Plant tickets will be provided to the County inspector for all Concrete and Asphalt deliveries.

For Concrete tickets: they must initiate Plant Name and Location, the Batch Time Stamp, County Permit number, NYSDOT concrete type/class, mix type (Truck, Transit, Central, or pump)

For Asphalt Tickets: they must initiate, Plant Name and Location, the Loaded Time Stamp, County Permit number, Net Tonnage, Mix type.

If necessary, test cylinders and slump test will be required as ordered by the Suffolk County. All concrete shall have a minimum 28-day compressive strength of 3000 PSI unless otherwise specified.

Span pole and mast arm foundations will require concrete cylinders taken by a Suffolk County Representative. A minimum of (3) three days' notice to Suffolk County is needed before pouring any span pole foundation concrete.

All cast-in-place pullboxes, signal pole foundations and controller cabinet bases shall meet the requirements of Class A concrete in section 501, Portland Cement Concrete General. For situations which require depositing structural concrete under water, provide Class G concrete in table 501-3 Concrete mixtures and Table 501-A Pozzolan Substitutions.

COLD WEATHER CONCRETE AND ASPHALT AND THERMOPLASTIC REQUIREMENTS:

CONCRETE:

The Suffolk County Inspector/Engineer's approval to place concrete during cold weather conditions does not relieve the contractor/builder of responsibility to protect uncured concrete in accordance with recognized standards and deliver an acceptable finished product. Any approval to place concrete during periods of cold weather as defined below should be considered as "at risk". All concrete placements shall adhere to the ACI 306.1-Standard Specification for Cold Weather Concreting except as modified by the requirements of NYSDOT specifications used in Suffolk County right of ways.

At the County's discretion a pre-construction meeting or field meeting with the Suffolk County Inspector, Permit Engineer and the Contractor's Responsible Design Professional is required before any cold weather concrete is placed. It is required that a Responsible Design Professional specify and verify method(s) of concrete placement and protection be utilized on any site during cold weather.

Cold Weather is defined as a period when for more than three (3) consecutive days the average daily outdoor temperature drops below 40º F; protection period is defined as the required time during which the concrete is maintained at or above a specific temperature to prevent freezing of the concrete or to ensure the necessary strength development for structural safety.

GENERAL CONDITIONS:

ASPHALT:

Per NYSDOT Standard Specifications Section 404-3.01, Asphalt mixture shall be placed only when the pavement surface temperature is equal to or greater than specified in Table 404-1. Less then 1" lift thickness, Min surface temp of **40º F,** 1" to 3" lift thickness, Min surface temp of **45º F**
3" or greater lift thickness needs to be **50º F.**

For Asphalt Placement, the Contractor shall complete all breakdown roller passes before the mat temperature falls below 230°F.

THERMOPLASTIC:

Reference NYSDOT Specification 687: Thermoplastic pavement markings shall be placed upon dry pavement surfaces. At the time of installation the pavement surface temperature shall be a minimum of 55°F and the ambient temperatures shall be a minimum of 50°F and rising. The Engineer will determine when atmospheric conditions are such to produce satisfactory results (Note 2).

> Note 2. To comply with the 55°F pavement surface temperature requirement, it will benefit the Contractor to schedule striping work for seasons of warm weather when possible. In cooler conditions, striping operations may be coordinated with bituminous paving work to take advantage of residual heat, providing that the ambient temperature requirements of §687-3.05 are still met.

RESTORATION NOTES:

Asphalt Restoration Requirements:

The *length* of the asphalt restoration area refers to the dimension measured parallel to the direction of traffic flow, following the roadway alignment. The *width* refers to the dimension measured perpendicular to the direction of traffic, typically extending across the lane, shoulder, or full roadway width as needed.

1. Full Depth Asphalt trench restoration within the Suffolk County Right-of-Way must consist of:
    - 2 inches of asphalt top course,
    - A minimum of 4 inches of asphalt binder course or matching existing if greater than 4 inches, and
    - 6 inches of Subbase course
2. For longitudinal trenching curb to curb asphalt top course milling and restoration area will be required for the limits of the project.
3. Single transverse trench (perpendicular to the direction of traffic) and/or patch restoration shall:
    a. Include top course asphalt milling and restoration area of sufficient length to accommodate a mechanical paver and to accommodate appropriate rollers to achieve proper compaction density and smoothness, as ordered by SCDPW Engineer. Asphalt milling depth shall be a minimum of 2".
    b. The top course restoration width shall be the width of a lane or curb to curb, as ordered by SCDPW Engineer.

4. Where **multiple transverse trenches, connection bell holes or utility test points** are located in close proximity:

    a. The top course milling and restoration area width shall be a minimum width of a lane or curb to curb, as ordered by SCDPW Engineer. Asphalt milling depth shall be a minimum of 2"
    b. The length of the top course milling and restoration area shall extend from a point beyond the first disturbance to a point beyond the last disturbance, as ordered by SCDPW Engineer.
    c. Include top course asphalt restoration of sufficient length to accommodate a mechanical paver and to accommodate appropriate rollers to achieve proper compaction density and smoothness.

5. A restoration plan must be submitted to SCDPW for approval prior to the commencement of construction.

GENERAL CONDITIONS:

Compaction Testing:

1. The contractor shall retain a professional engineer from an approved materials and soils testing laboratory list to inspect and document all materials and methods used in the construction of this permit project. Backfilling and compaction of trench shall be made in 6" lifts with a minimum of 95% compaction as determined by the proctor test.

Concrete Panel Restoration Requirements:

Concrete panel replacement involves removing and replacing a portion of the concrete panel and pavement. The *length* of the replacement refers to the dimension parallel to the direction of vehicle travel (i.e., along the roadway or driving lane), while the *width* refers to the dimension perpendicular to vehicle travel.

1. For Suffolk County roads, when any portion of a concrete panel is impacted, the restoration requirements are as follows:

    a. For longitudinal trenching (runs parallel to direction of traffic) 8' width minimum of concrete panel must remain, if the remaining longitudinal Joint falls within the wheel path, then the entire panel will need to be removed and replaced with full depth asphalt, as per SCDPW asphalt restoration requirements and cross section requirements.
    b. For transverse trenching (runs perpendicular to the direction of traffic) if the trench cut falls within 10' of the adjacent panels transverse joint then the remaining section of panel will need to be removed and the entire section replaced with full depth asphalt, as per Suffolk County asphalt cross section requirements.
    c. If broken concrete panels are discovered during construction the damaged section of the panel will need to be removed and replaced by full depth asphalt, as per Suffolk County asphalt cross section requirements or replaced with concrete as per NYSDOT Regional Concrete Pavement Repair standards and details.
    d. Angular cuts and/or irregular shaped panels will require the removal of the entire panel.
    e. Removal of an internal portion of a panel shall require concrete restoration as per the NYSDOT Regional Concrete Pavement Repair standards and details.
    f. All top course restoration will follow the SCDPW asphalt restoration requirements.

2. Disturbed or removed concrete panels, on County roads with concrete panels and no overlay, must be replaced in kind as per the NYSDOT Regional Concrete Pavement Repair standards and details.

3. A restoration plan must be submitted to SCDPW for approval prior to the commencement of construction.

Traffic Signal Loop Restoration Requirements:

1. Existing traffic signal equipment, including but not limited to detector loops, traffic signal cable & conduit, and interconnect cable and conduit, damaged by the contractor shall be replaced in-kind, at the contractor's expense or as ordered by SCDPW engineer.

2. Temporary loop detectors, if necessary, shall be at least 6 feet x 6 feet, be centered in their respective lane. Other types of temporary detection may be used upon approval of the SCDPW traffic division. Microwave or sonic detectors will not be permitted.

3. All 6'x20' loops are wired 3 turns in parallel, centered in their respective lanes and shall be spaced 10' apart unless otherwise indicated. Each lane shall be wired into its own shielded lead-in cable. For flag loop installation all loops shall be 3 turns with the front two loops wired in parallel and then in series with the back loop. They shall be spliced into one shielded lead-in cable.

4. The contractor shall contact Suffolk County Traffic Engineering (631-852-4081) for the layout of the traffic signal loops prior to restoration.

GENERAL CONDITIONS:

Sidewalk and Curb Restoration Requirements:

1. Driveway aprons with associated curb, handicap ramps and sidewalk shall be poured monolithically; the pour shall consist of 6" Class D concrete and reinforced with zero gauge 6" x 6" wire mesh.

2. For segments of sidewalk placed directly adjacent to curbline (without utility strip) shall be poured monolithically.

3. Restoration of handicap ramps shall consist of 6" Class D concrete and reinforced with zero gauge 6" x 6" wire mesh.

4. Restoration of curbs shall consist of Class D concrete, require an expansion joint every 20' with a sawcut/tooled every 10' between joints and will NOT require reinforcement.

5. Restoration of sidewalk shall consist of 4" Class D concrete and will NOT require reinforcement.

6. Granite Block Curb will not be permitted in Suffolk County Right of way.

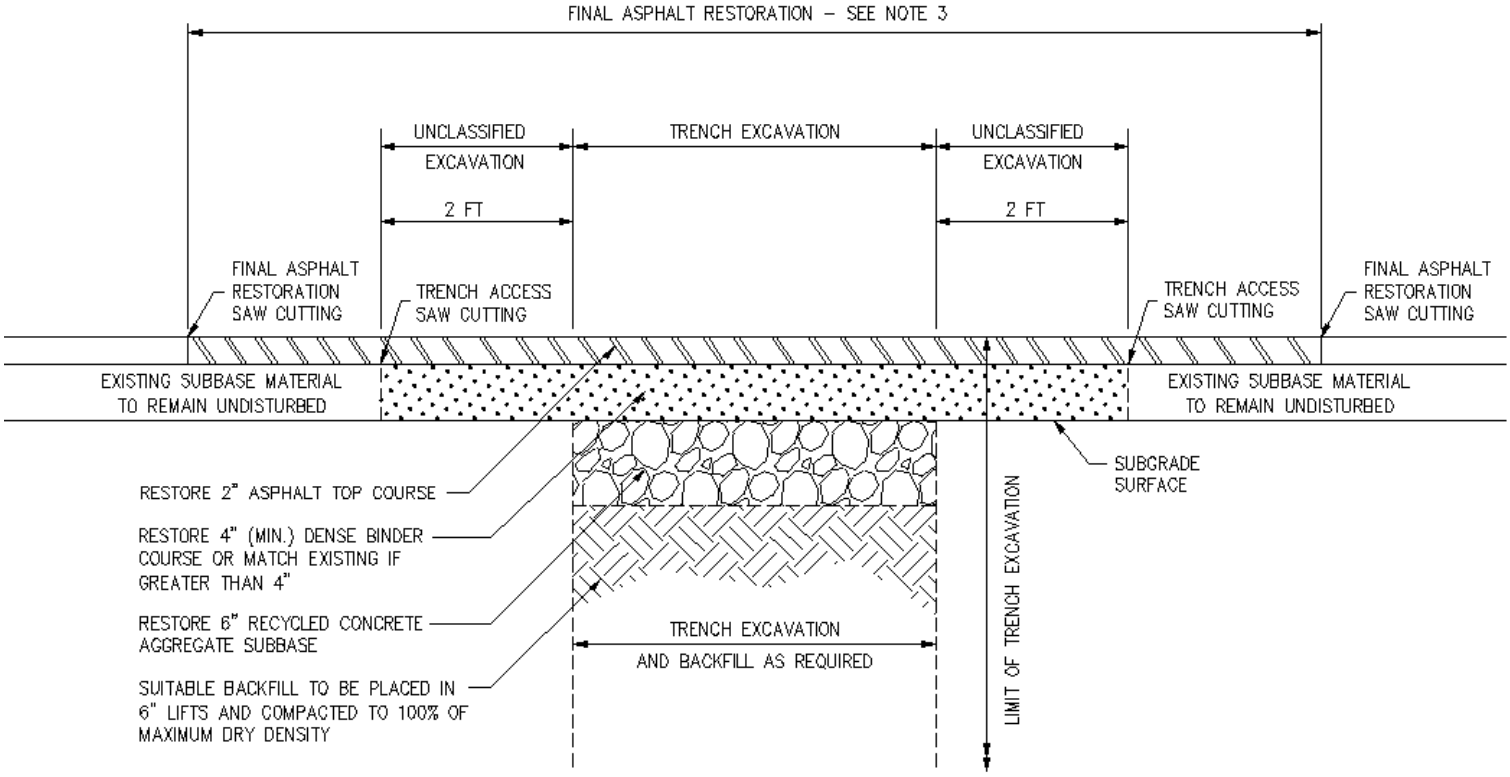
Pavement marking restoration requirements:

1. Pavement markings shall follow Item 687.0100100SU Thermoplastic Reflectorized Pavement Marking of the Region 10 Local specifications and confirm with the latest Suffolk County Pavement Marking Details.

2. The pavement marking layout shown on the plans may be subject to change based on field conditions at the time of construction, including lane and shoulder widths. Final pavement marking layout shall be approved by a SCDPW representative prior to the installation of final thermoplastic pavement markings. Any thermoplastic installed prior to approval of SCDPW may be subject to removal at the expense of the permittee.

3. Pavement marking arrow, symbol and text layout shown on the plans is for illustrative purposes only. All pavement marking arrows, symbols and text shall be laid out per the latest Suffolk County Pavement Marking Details.

GENERAL CONDITIONS:



ASPHALT PAVEMENT RESTORATION

NOTES:

1. ASPHALT PAVEMENT SHALL BE REMOVED FOR AN ADDITIONAL DISTANCE OF 2 FT FROM THE OUTER EDGE OF THE EXCAVATION IN ALL DIRECTIONS. IF 3 FT OR LESS OF ASPHALT PAVEMENT REMAINS BEYOND THE 2 FT LIMIT, IT SHALL ALSO BE REMOVED.
2. THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER FROM AN APPROVED MATERIALS AND SOILS TESTING LABORATORY LIST TO INSPECT AND DOCUMENT ALL MATERIALS AND METHODS USED IN THE CONSTRUCTION OF THIS PERMIT PROJECT. BACKFILLING AND COMPACTION OF TRENCH SHALL BE MADE IN 6" LIFTS WITH A MINIMUM OF 95% COMPACTION AS DETERMINED BY THE PROCTOR TEST.
3. FINAL 2" ASPHALT TOP COURSE SHALL FOLLOW THE ASPHALT RESTORATION REQUIREMENTS OUTLINED IN THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS TYPICAL UTILITY PERMIT RESTORATION NOTES.