NOTICE
Revised October 2015

✧ ALL **INCOMPLETE APPLICATIONS** WILL BE RETURNED TO THE CONTRACTOR.

✧ APPLICATIONS LEFT IN THE OFFICE FOR MORE THAN **30 DAYS** WILL BE RETURNED TO APPLICANT.

✧ FEES WILL BE COLLECTED WHEN PERMIT IS ISSUED.

✧ CONTRACTOR, INCLUDING ANY SUBCONTRACTORS, ARE TO SUBMIT THE REQUIRED INSURANCE AND ENDORSEMENT.

ENGINEERING INSPECTIONS

✧ TWO INJECTIONS REQUIRED;
   A SIDEWALK FORM INSPECTION AND A FINAL INSPECTION.

✧ CONTRACTORS MUST GIVE **24-HOUR NOTICE** FOR INSPECTIONS. ALL INSPECTIONS MUST BE SCHEDULED PRIOR TO 3:00 PM. NO EXCEPTIONS.

PERMIT AND ESCROW FEES

✧ **PERSONAL/ COMPANY CHECKS** WILL ONLY BE ACCEPTED FOR PERMIT FEES. ESCROWS MUST BE PAID IN **CERTIFIED CHECK OR MONEY ORDER**.

✧ PLEASE MAKE ALL CHECKS OR POSTAL MONEY ORDERS PAYABLE TO THE CITY OF NEW BRUNSICK. WE WILL NOT WRITE OUT YOUR CHECKS OR POSTAL MONEY ORDERS FOR YOU.

✧ A FINAL INSPECTION IS REQUIRED FOR ANY RELEASES OF ESCROW.

✧ IF THE ESCROW IS TO BE RETURNED TO SOMEONE OTHER THAN THE APPLICANT (EX. HOMEOWNER) A LETTER MUST BE PROVIDED ON THE CONTRACTORS LETTERHEAD STATING TO WHOM THE ESCROW SHOULD BE RETURNED TO WITH THEIR CONTACT INFORMATION: NAME, ADDRESS, PHONE NUMBER AND SOCIAL SECURITY NUMBER/ FEDERAL ID NUMBER.

NO PERMITS WILL BE ISSUED AFTER 3:00 PM. ALSO, NO PERMITS WILL BE PROCESSED AFTER 12:00 PM ON FRIDAY’S.
CHECKLIST FOR

STREET OPENING, SIDEWALK AND CURB

Contractor: ________________________________________________

Location of work: __________________________________________

CHECK LIST (the following items must be submitted)

☐ Page 1 - Application (Contractor/Property Owner contact info)
☐ Page 2 - Work Location Sketch
☐ Page 3 - Special Notes to Contractor
☐ Page 4 - Indemnification / Hold Harmless signed & notarized
☐ Page 5 - Contract Agreement for Traffic Control / Police Services
☐ Page 6 - Police Sign-off (Completed in the City Engineering Office)
☐ Insurance Certificate
☐ Endorsement

-- Detour Plan (if applicable)
☐ Pedestrian Detour
☐ Traffic Detour

-- For work being completed after hours, weekend, holiday, or Road/Lane Closure (if applicable)
☐ Letter requesting City Council Authorization
☐ Council authorization obtained

* All permits issued are for Monday-Friday 7am-6pm, unless City Council approval is obtained.

Permit Inspection Fees Schedule

Up to 100 SF (Sidewalk/driveway) and/or up to 25 LF Curbing.......................................................... $30.00
From 101 SF to 500 SF (Sidewalk/driveway) and/or 26 to 50 LF Curbing.................................................. $50.00
More than 500 SF (Sidewalk/driveway and/or more than 50 LF Curbing................................................. $100.00

ROAD OPENING (UTILITY)

PERMIT FEE $100.00
INSPECTION FEE $25.00 (for each 400 L.F. or Portion thereof)

Note: The above Fees are for the Initial and Final Inspection. Each additional Inspection beyond the first two are at a rate of $25.00 each.
APPLICATION FOR STREET OPENING, SIDEWALK AND CURB CONSTRUCTION
(Pursuant to Chapter 12.08)

ONLY ORIGINAL DOCUMENTS WILL BE ACCEPTED

TO BE COMPLETED BY CONTRACTOR

CONTRACTOR'S BUSINESS NAME: ________________________________

ADDRESS: __________________________________________________

CITY, STATE, ZIP: __________________________________________

CONTACT PERSON: __________________________________________

TELEPHONE NO. (___) ___________________ FAX NO. (___) _________

FEDERAL I.D. #________________________________ OR SOCIAL SECURITY #________

Work located on (Address): ______________________________________

PROPERTY OWNER'S NAME: _____________________________________

PROPERTY OWNER'S ADDRESS: _________________________________

PROPERTY OWNER'S PHONE #: _________________________________

PURPOSE OF WORK: SIDEWALK CONSTRUCTION____ CURB CONSTRUCTION _____
Utility: WATER ______ SEWER ______ OTHER ______

WORK SCHEDULE:

WORK WILL BE DONE WITHIN THE FOLLOWING DATES:

FROM____________________________ TO __________________________

ANTICIPATED INITIAL INSPECTION DATE: _______________________

(THIS PERMIT IS ONLY VALID DURING THE APPROVED WORK PERIOD)
WORK LOCATION SKETCH

SIDEWALK REPLACEMENT (S.F)

CURB REPLACEMENT (L.F.)

LAWN RESTORATION (S.F.)

PAVEMENT REPAIR (S.F.) LENGTH _____ WIDTH _____ = _____ (S.F.)

Has a Bond been posted for this project as per the New Brunswick Planning Board?

_____ Yes  _____ No
SPECIAL NOTES TO CONTRACTOR – NO EXCEPTIONS

THE CONTRACTOR SHALL:

1. Notify the Engineer’s Office 24 hour’s prior to start of work and 48 hours prior to an Inspection.
2. Backfill material and backfill installation must be inspected.
3. Sidewalk and Curb forms must be inspected.
4. Failures to provide adequate notification may result in rejection of materials or work performed.
5. Upon completion of all work the contractor must notify the City for FINAL INSPECTION.
6. Any Remaining escrow amounts for curb; sidewalk and lawn repairs will be returned to the Contractor upon approval after FINAL INSPECTION.
7. At the end of each day, the site shall be cleared of debris and left in a safe condition for pedestrians and/or vehicles.
8. Contractor shall submit certification of materials used for construction (ie. concrete and asphalt slips).
9. Contractor shall notify New Brunswick Police Department for traffic control measures and if required, traffic detour plan. Contractor to provide traffic control pursuant to the “Standards for Work Zone Traffic Control” Part VI of the MUTCD (Latest Edition). Street or Traffic Lane closing must be approved by the Police Department as well as the Engineering Department.
10. The city will retain the escrow amount deposited for the road opening for a minimum of six (6) months. Any settlement or work found to be unacceptable must be corrected or repaired by the Contractor immediately or the City will retain others to do the work and same will be paid from the amount deposited and only the remainder will be returned to the contractor.
11. Contractor, including any subcontractors, shall submit the required Insurance Certificate and Endorsement.
12. Contractor shall complete and submit the Indemnification/Hold Harmless Agreement attached in this application with a notary or corporate seal.

SPECIAL CONDITIONS:

Upon submitting the Application the Contractor must provide Personal/Company Check for Permit Fees. ALL Escrows must be paid in Certified Check or POSTAL Money Order. Also, please note that a Police Service – Traffic Control Escrow (if Police services are required) can only be paid with a Certified Check or Money Order.

Checks shall be made payable to the “CITY OF NEW BRUNSWICK”.

IF ANY OF THE ABOVE AFOREMENTIONED CONDITIONS ARE NOT MET, THE CITY ENGINEER MAY REVOKE OR CANCEL THE PERMIT.

THE CONTRACTOR MUST BE IN POSSESSION OF THE PERMIT BEFORE STARTING THE WORK!

By Signing below, the Contractor acknowledges having read and understood and agrees to the terms and conditions as set forth above. If the Contractor willfully falsifies any of the above information, the City reserves the right to revoke the Permit and/or levy a fine against the Contractor as permitted by City Ordinance.

Contractor’s Name: ________________________________ Date ______

Printed Signature

FOR DEPARTMENT OF ENGINEERING USE ONLY

NOTE TO CONTRACTOR:

APPLICATION APPROVED BY: ____________________ DATE: ________
INDEMNIFICATION / HOLD HARMLESS AGREEMENT

__________________________________________

APPLICANT’S NAME

In consideration of the City of New Brunswick granting approval for the construction/road opening within the Public Right-of-Way at property known as:

__________________________________________ agrees as follows:

LOCATION

__________________________________________ shall indemnify and hold harmless the

APPLICANT’S NAME

City and its Agents from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgments of any nature and description brought or recovered against it by reason of any act or omission of the __________________________, its

APPLICANT’S NAME

agents and employees in connection with the opening or obstruction of the Public Right-of-Way or property owned or controlled by the City of New Brunswick, in connection with the City approval, and any costs incurred by City in defense of any claims, demands, payments, suits, actions, recoveries and judgments of any nature which are found not to be the sole responsibility of City, shall be reimbursed to the City by __________________________.

APPLICANT’S NAME

Cost shall be deemed to include, but not be limited to attorney fees, filing expenses, expert witness fees, reproduction cost and long-distance travel and toll telephone expenses in connection with the defense. All amounts payable hereunder shall bear interest at the prevailing rate of interest.

__________________________________________ shall be responsible

APPLICANT’S NAME

to the City for all damage to persons or property caused or alleges to have been caused by or incident to the undertakings as set forth above, and shall defend suits or claims arising from or incident to the work without expense or annoyance to the City, its officers, agents or employees.

ATTEST:

__________________________________________

NOTARY’S SIGNATURE

__________________________________________

APPLICANT’S SIGNATURE

(DONOTARY OR CORPORATE SEAL) DATED:_____________________

* MUST BE SUBMITTED WITH ORIGINAL SIGNATURES *
CONTRACT AGREEMENT
FOR EXTRA DUTY POLICE SERVICES
BY MEMBERS OF THE CITY OF NEW BRUNSWICK POLICE DEPARTMENT

This Agreement is made between the City of New Brunswick-Police Department (hereafter “City”)

and __________________________ (hereafter “Contractor”)

(Print Contractor’s Name)

for the employment of Police Officers for security and/or traffic control services in connection with

__________________________________________________

(Description of work and location or address)

and subject to the following Terms and Conditions:

1. The Contractor has become familiarized with and agrees to abide by the provisions of the City of New Brunswick Ordinance 0-109903 as amended. (A copy of the Ordinance may be reviewed at the City Clerk’s Office, City Hall, Room 201).

2. The Contractor shall place in escrow with the City an amount representing one hundred percent (100 %) of the estimated cost of the services and related costs as described above and set forth in more detail in the Department of Engineering Application process. The Contractor agrees to pay the balance of any money due, if any additional cost of services beyond those described above are required within 3 working days of the completion of the services. Excess monies shall be returned to the Contractor.

3. The Contractor shall provide an Insurance Certificate as required by both of 3-10.5 (b) of Ordinance 0-109903 and Hold Harmless / Indemnification Agreement, which shall be submitted with the Department of Engineering Application.

4. Other provisions as required and attached hereto. YES____ NO____

5. City agrees to assign the number of officers requested above. In the event the City does not have sufficient volunteers to undertake this assignment, City will notify Contractor as promptly as possible. City does not guarantee that the officers requested will be furnished. If the City cannot furnish the number of officers for the times requested, Contractor’s escrow deposit will be refunded on a pro-rated basis for services and related costs actually performed.

CONTRACTOR
BY: __________________________
(Signature)
DATE: ________________

CITY
BY: __________________________
(Signature of Police Officer)
DATE: ________________
TRAFFIC CONTROL SERVICE FORM

Total Estimated OFFICER HOURS at:

OFFICER HOURS (@ Regular Rate): ____________ in Hours

OFFICER HOURS (@ Holiday Rate *): ____________ in Hours
*(Easter, Memorial Day, July 4th, Labor Day, Thanksgiving, Christmas & December 31)

Total Estimated POLICE VEHICLE HOURS: ____________ in Hours

Estimated NUMBERS of FLARES used on project: ____________ Each

Estimated Hours for use OF VEHICLE BARRICADES: ____________ Hours

Police Traffic Control Service Not Required for the Proposed Work (check here) □

Police Traffic Control Service contracted with Contractor by Police Dept
(Contractor to be billed directly by Police Department) (check here) □

Prepared by: ____________________________ ____________________________
Officer’s Signature DATE

______________________________ ________________
Officers’ Name Printed Badge No.

NOTE TO CONTRACTOR: Contractor shall submit an EXECUTED CONTRACT AGREEMENT
and TRAFFIC CONTROL SERVICE FORM for extra duty Police services as part of this Permit
Application.
IMPORTANT!

Please read all insurance requirements.
Any deficiencies will delay the processing of your application.

CERTIFICATE OF INSURANCE

The Contractor shall provide an Insurance Certificate with the minimum coverage as shown below:

✧ **GENERAL LIABILITY**
  Personal Injury  $1,000,000
  Property Damage  $1,000,000

✧ **AUTOMOBILE LIABILITY**  $1,000,000

✧ **EXCESS LIABILITY**  $1,000,000

✧ **WORKERS COMPENSATION**
  (Each Accident)  $1,000,000

The Insurance company(s) providing insurance should be rated B plus (B+) or better by Best Insurance Report for Property and Casualty – Latest Edition.

✧ The Certificate of Insurance **MUST** name the City of New Brunswick as an additional insured and **MUST** include the address of the work site in the description of operations field.

✧ City of New Brunswick **MUST** be listed as the Certificate Holder.

ENDORSEMENT

| IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s). |
| | |
| | |

✧ If your Certificate of Insurance includes the above message “IMPORTANT: If Certificate holder is an Additional Insured, the policy must be endorsed”, please note the Endorsement page(s) **MUST** also be submitted.

✧ Blanket Endorsements are acceptable.

PLEASE SEE OUR SAMPLE INSURANCE CERTIFICATE AND SAMPLE ENDORSEMENTS INCLUDED IN THIS APPLICATION.
CERTIFICATE OF LIABILITY INSURANCE

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

**COVERAGES**

This is to certify that the policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies. Limits shown shown may have been reduced by paid claims.

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**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES**

- **INSURANCE CERTIFICATE MUST STATE THE FOLLOWING:**
  - "THE CITY OF NEW BRUNSWICK AS ADDITIONAL INSURED."
  - "INSURED FOR: (INSERT ADDRESS OF WORK SITE HERE)"

**CERTIFICATE HOLDER**

- **CITY OF NEW BRUNSWICK**
  - **ATTN:** CITY ENGINEERING
  - **78 BAYARD STREET - CITY HALL**
  - **NEW BRUNSWICK, NJ 08901**

**CANCELLATION**

- SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE INSURED AND THE ADDITIONAL INSURED NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

**AUTHORIZED REPRESENTATIVE**
ESSEX INSURANCE COMPANY

ADDITIONAL INSURED ENDORSEMENT

* Entry optional if shown in the Common Policy Declarations. If no entry is shown, the effective date of the endorsement is the same as the effective date of the policy.

| ATTACHED TO AND FORMING                  | EFFECTIVE DATE       | ISSUED TO |
| PART OR POLICY NO.                     | OF ENDORSEMENT       | MM/DD/YYYY |

THIS ENDORSEMENT CHANGES THE POLICY.

SECTION II - WHO IS AN INSURED of the Commercial General Liability Form is amended to include:

Person or Entity:
City of New Brunswick
78 Bayard Street
City Hall
New Brunswick, NJ 08901

Interest of the Above:
Permit

as an additional insured under this policy, but only as respects negligent acts or omissions of the Named Insured and only for occurrences, claims or coverage not otherwise excluded in the policy.

It is further agreed that where no coverage shall apply herein for the Named Insured, no coverage nor defense shall be afforded to the above-identified additional insured.

Moreover, it is agreed that no coverage shall be afforded to the above-identified additional insured for any "bodily injury," "personal and advertising injury," or "property damage" to any employee of the Named Insured or to any obligation of the additional insured to indemnify another because of damages arising out of such injury.

Additional Premium:

________________________________________

AUTHORIZED REPRESENTATIVE DATE

M/E-009 (01/09)

INSURED

SAMPLE 1
ENDORSEMENT
THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – STATE OR GOVERNMENTAL AGENCY OR SUBDIVISION OR POLITICAL SUBDIVISION – PERMITS OR AUTHORIZATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

State Or Governmental Agency Or Subdivision Or Political Subdivision:
City of New Brunswick
Attention: City Engineering
78 Bayard Street - City Hall
New Brunswick, New Jersey 08901

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Section II – Who Is An Insured is amended to include as an insured any state or governmental agency or subdivision or political subdivision shown in the Schedule, subject to the following provisions:

1. This insurance applies only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued a permit or authorization.

2. This insurance does not apply to:
   a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
   b. "Bodily injury" or "property damage" included within the "products-completed operations hazard".
ROAD OPENING PROCEDURES

1. Contractor provides City with size of opening in Square Feet.

2. Final Opening must be saw cut to limits shown on approved application.

3. City determines and collects “escrow” amount.

4. Contractor backfills with ¾” DGA or suitable excavated material approved by the City Engineer and compacts to 95% Proctor.

5. Final road repair shall consist of a minimum of 6” Stabilized Base Mix I-2 and 2” Surface Course Mix I-4.

NOTE: The City will retain the “escrow” amount for a minimum of 6 months. The escrow amount will be used to perform any repairs necessary, in the event the contractor/applicant fails to perform the work. At the end of the retainage period the balance in the account will be returned to the contractor less the administrative fees.
NOTE:
ALL PAVEMENT THICKNESSES ARE MINIMUM COMPACTED.

WHEN, IN THE OPINION OF THE CITY ENGINEER, SETTLEMENT IN THE PAVEMENT OPENING HAS CEASED, PERMISSION SHALL BE GRANTED FOR PERMANENT PAVEMENT REPAIR. PERMANENT PAVEMENT REPAIR SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO:
A. SAW CUT 6" OUTSIDE OF EXISTING OPENING EDGE.
B. CAREFUL REMOVAL OF 8" OF EXISTING MATERIAL.
C. THOROUGH COMPACTION OF ANY STONE SUBBASE WHICH MAY HAVE BEEN DISTURBED.
D. INSTALLATION OF MINIMUM OF 8" OF BITUMINOUS MATERIAL AS SHOWN ABOVE.

PERMANENT PAVEMENT REPAIR
(NOT TO SCALE)

STANDARD DETAILS
CITY OF NEW BRUNSWICK
ENGINEERING DEPARTMENT

Rev. 7/14
NOTE:
ALL PAVEMENT THICKNESSES ARE MINIMUM.

BACKFILL OPERATIONS MUST BE WITNESSED BY THE CITY ENGINEER OR HIS REPRESENTATIVE. FAILURE TO NOTIFY THE ENGINEER 24 HOURS PRIOR TO BACKFILLING MAY RESULT IN REMOVAL AND REPLACEMENT OF THE MATERIAL. THE HOLE MUST BE SECURED BY BARRICADES WITH LIGHTS. THE BARRICADES WILL BE SUPPLIED BY THE CONTRACTOR FOR EACH TRENCH UPON THE CITY ENGINEERS REQUEST.

AT THE DISCRETION OF THE CITY ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO INSTALL STEEL PLATES ACROSS THE OPENING UNTIL THE START OF TEMPORARY PAVEMENT PATCHING.

TEMPORARY PATCHING SHALL BE COMPLETED PROMPTLY AS TRENCHES ARE BACKFILLED. THE PATCHING IS TO CONSIST OF A MINIMUM OF 3" OF COMPACTED BITUMINOUS CONCRETE 19M64.

PERMANENT PAVEMENT REPLACEMENT SHALL BE COMPLETED WITHIN A PERIOD OF SIX MONTHS FROM THE DATE OF TEMPORARY PATCHING UNLESS THE CITY ENGINEER SHALL DESIGNATE A DIFFERENT PERIOD OF TIME. DURING THE WINTER SEASON, AS DETERMINED BY THE CITY ENGINEER, THE PERMANENT PAVEMENT REPLACEMENT WILL BE DEFERRED UNTIL WEATHER PERMITS.

TEMPORARY PAVEMENT SHALL BE PLACED AT A MINIMUM THICKNESS OF 3 INCHES. IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE TO MAINTAIN SUCH TEMPORARY PAVEMENT PATCHING AND BACKFILLING TO THE EXISTING GRADE BY THE ADDITION OF BITUMINOUS CONCRETE AS REQUIRED, UNTIL PERMANENT PAVEMENT REPAIRS ARE COMPLETED.

THE CONTRACTOR MUST RESPOND WITHIN 24 HOURS UPON NOTIFICATION OF FAILURE OF PATCH.

TEMPORARY PAVEMENT PATCHING
(NOT TO SCALE)
NOTE: LAWN RESTORATION SHALL CONSIST OF THE FOLLOWING:

A. GRADE AND FIRM EXISTING SUBSOIL TO 4" BELOW FINISHED GRADE.
B. PLACE AND FIRM 4" OF TOPSOIL OVER SUBSOIL (TOPSOIL MUST BE ACCEPTABLE TO CITY ENGINEER).
C. LIME SOIL WITH PULVERIZED LIMESTONE (APPLIED AT A RATE OF 90 LBS. PER 1,000 S.F.).
D. FERTILIZE THE AREA WITH A 1-2-1 RATIO OF FERTILIZER CONTAINING A MINIMUM OF 5 PERCENT NITROGEN, 10 PERCENT AVAILABLE PHOSPHORIC ACID AND 5 PERCENT SOLUBLE POTASH. (APPLIED AT A RATE OF 11 LBS. PER 1,000 S.F. FOR 10-20-10)
E. PREPARE SEEDBED BY WORKING LIME AND FERTILIZER INTO THE TOP 1/3 OF TOPSOIL, FIRM ENTIRE SEEDBED.
F. APPLY APPROVED SEED MIX UNIFORMLY OVER ENTIRE AREA (APPLIED AT A RATE OF 1 5 LBS. PER 1,000 S.F.). *** SEED IS TO CONSIST OF A 60% MIX OF RED FESCUES (CREEPING OR CHEWINGS) AND 40% PERENNIAL RYEGRASS (MANHATTAN) OR APPROVED EQUAL.
G. INCORPORATE SEED INTO TOP 1/4 - 1/2" OF TOPSOIL BY RAKING, FIRM THE SOIL.
H. EVENLY DISTRIBUTE APPROVED STRAW MULCH (APPLIED AT A RATE 70-90 LBS. PER 1,000 S.F.)

TYPICAL TRENCH REPAIR
"GRASS AREAS"
(Not to Scale)
1/2" BITUMINOUS CELLULAR COMPRESSION JOINT MATERIAL

FINISHED GRADE

SIDEWALK OR LAWN

1 1/4" RADIUS

SAWCUT

TACK COAT

7" STABILIZED BASE, TWO LIFTS (BASE COURSE 19M64)

CURBING SHALL BE CONCRETE 4500 P.S.I. AIR ENTRAINMENT

EXISTING SUB-BASE, COMPACTED

3" DGA

NOTES

1. OPEN JOINTS SHALL BE PROVIDED AT INTERVALS OF 10 FEET AND SHALL BE FILLED WITH 1/2 INCH BITUMINOUS CELLULAR COMPRESSION JOINT MATERIAL, RECESSED 1/4 INCH FROM THE FRONT FACE AND TOP OF THE CURB.

2. EXPANSION JOINTS SHALL ALSO BE INSTALLED WHERE THE CURB IS ADJACENT TO SIDEWALKS AND CATCH BASINS.

3. CURB AT DRIVEWAYS AND ENTRANCES SHALL BE DEPRESSED SO THAT THE TOP OF THE CONCRETE IS 1 1/2 INCHES MAX ABOVE THE ADJACENT PAVEMENT.

4. CONCRETE SHALL BE AIR ENTRAINMENT 4500 P.S.I. AT 28 DAY TEST.

5. FACE FORMING IS NOT PERMITTED. DOUBLE CURB FORMS MUST BE USED.

CITY CONCRETE CURB DETAIL

(NOT TO SCALE)

STANDARD DETAILS
CITY OF NEW BRUNSWICK
ENGINEERING DEPARTMENT

Rev. 7/14
OPEN JOINTS SHALL BE PROVIDED AT INTERVALS OF 20 FEET AND SHALL BE FILLED WITH 1/2 INCH BITUMINOUS CELLULAR COMPRESSION JOINT MATERIAL, RECESSED 1/4 INCH FROM THE FRONT FACE AND TOP OF THE CURB.

EXPANSION JOINTS SHALL ALSO BE INSTALLED WHERE THE CURB IS ADJACENT TO SIDEWALKS AND CATCH BASINS.

CURB AT DRIVEWAYS AND ENTRANCES SHALL BE DEPRESSED SO THAT THE TOP OF THE CONCRETE IS 1 1/2 INCHES MAX ABOVE THE ADJACENT PAVEMENT.

CONCRETE SHALL BE AIR ENTRAINED, 4500 P.S.I. AT 28 DAY TEST.

NEW CONCRETE CURB OR SIDEWALK SHALL NOT ABUT EXISTING SLATE CURB OR SIDEWALK UNLESS AUTHORIZED BY THE CITY ENGINEER.

**DRIVEWAY DEPRESSED CURB DETAIL**

*(NOT TO SCALE)*

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STANDARD DETAILS
CITY OF NEW BRUNSWICK
ENGINEERING DEPARTMENT

7/26/11
MIN. 5'x5' LANDING, 1.7% SLOPE MAX EACH DIRECTION. (TYP.)

CONCRETE RAMP 7.5% MAX SLOPE, 1.7% MAX CROSS SLOPE (TYP.)

MIN. 2'x5' TRUNCATED DOME (TYP.)

DRIVEWAY

WIDTH VARIES

MIN. 5' BARRIER FREE CONC. CURB (TYP.)

MIN. 5' CONCRETE DRIVEWAY SIDEWALK, 6" THICK WITH 6x6x10 WELDED WIRE MESH, 1.7% MAX CROSS SLOPE

CONCRETE DRIVEWAY APRON, 6" THICK WITH 6x6x10 WELDED WIRE MESH REINFORCING

DEPRESSED CONC. CURB (TYP.)

STREET

INDUSTRIAL/COMMERCIAL/MULTI-UNIT (5 OR MORE)

RESIDENTIAL DRIVEWAY DETAIL

(NOT TO SCALE)

STANDARD DETAILS
CITY OF NEW BRUNSWICK
ENGINEERING DEPARTMENT

Rev. 6/14
GENERAL NOTES:
THE FORMS AND DIVIDERS SHALL BE OF STEEL OR WOOD AND OF SUFFICIENT STRENGTH TO RESIST SPRINGING OUT OF SHAPE; AS PER SPECIFICATION. WALK SHALL BE OF MONOLITHIC CONSTRUCTION FOUR (4) INCHES THICK. TRANSVERSE SURFACE GROOVES MUST BE PROVIDED AT RIGHT ANGLES TO THE SIDEWALK AND AT INTERVALS EQUAL TO THE WIDTH OF THE SIDEWALK. AFTER THE CONCRETE IS PLACED IT SHALL BE TAMPED SCREENED AND FINISHED TO TRUE GRADE AND SURFACE. THE FINISH SHALL BE MADE WITH A WOOD FLOAT, FOLLOWED BY A BRUSHING WITH A WET SOFT HAIR BRUSH TO A NEAT WORKMANLIKE SURFACE. TRANSVERSE EXPANSION JOINTS 1/2 INCH WIDE SHALL BE PROVIDED AT INTERVALS NO GREATER THAN 20 FEET AND FILLED WITH PREFORMED BITUMINOUS CELLULAR TYPE JOINT FILLER. LONGITUDINAL JOINTS 1/2 INCH WIDE SHALL BE PROVIDED BETWEEN CURBS AND ABUTTING SIDEWALKS AND SHALL BE FILLED WITH PREFORMED BITUMINOUS CELLULAR JOINT FILLER. DRIVEWAY APRON, SIDEWALK AT DRIVEWAY, AND CORNER RAMPS SHALL BE 4500 PSI AIR ENTRAINDED CONCRETE, SIX (6) INCHES THICK WITH 6" X 6" 10 GAUGE WIRE MESH REINFORCING.

SIDEWALK DETAIL
(NOT TO SCALE)

STANDARD DETAILS
CITY OF NEW BRUNSWICK
ENGINEERING DEPARTMENT

7/26/11
Figure 6H-28. Sidewalk Detour or Diversion (TA-28)

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.