



Permit No. _____

CITY OF CHANHASSEN

APPLICATION FOR DRIVEWAY PERMIT (BITUMINOUS/CONCRETE) - \$30

PLEASE PRINT

Name and Address of Party or Organization Performing Work:	Name and Address of Party or Organization To Be Invoiced:
_____ _____	_____ _____
Contact: _____	Contact: _____
Phone: _____ Fax: _____	Phone: _____ Fax: _____
E-Mail: _____	Email: _____

1. Nature of Work _____

2. Type of Surface to be Disturbed: Gravel Bituminous Concrete Boulevard

3. Location (Street, Avenue and House number): _____
(Attach Site Survey or Sketched Scaled Drawing - Required)

4. Method of Installation or Construction (including method of compaction and excavation)

5. Work to start within _____ days and completed with _____ days thereafter.

6. Will detouring of traffic be necessary? Yes No If so, describe routing:

For _____
(Applicant)

Signed By _____

Dated _____

The date when work is completed must be reported to the person designated by Engineering Dept.

**AUTHORIZATION OF PERMIT
(Office Use Only)**

Upon payment of permit fee in the amount of \$_____ and in consideration of the agreement to comply in all respects with the Street or Alley excavation ordinances and regulations applicable covering such operations, permission is hereby granted for the work to be done as described in the above application, said work to be done in accordance with special precautions required, as hereby stated:

- Contractor shall prevent damage to existing utilities.
- All roadway, driveway, sidewalk and trail crossings shall be directional bore. **NO OPEN TRENCHES**. If boring equipment is lost under the pavement area it shall remain until the City reconstructs the pavement at a future date. No open cutting of street will be allowed.
- All disturbed areas shall be restored to original or better condition.
- This permit is granted upon the expressed condition that said contractor, agent, workmen, and employees shall comply in all respects with City of Chanhasen City Code Section Nos. 17-23 and 20-27.
- Please notify City of Chanhasen Engineering Department 24 hours prior to placement (952) 227-1163.

It is expressly understood that this permit is conditioned upon replacement or restoration of the disturbed area to its proper condition in accordance with the appropriate rules and regulations. It is further understood that this permit is subject to revocation within ten (10) days of receipt of copy of application by the County Engineer when the permit is for work on a County Road.

APPROVED BY _____

DATE _____

RULES PERTAINING TO STREET AND ALLEY EXCAVATIONS

SAFETY

1. Excavations shall be properly protected and identified by barricades and flags in the daytime, and flares, red lanterns or flashing signals at night, to protect persons and traffic at all times.
2. Barricades to be erected in a manner which will provide suitable visibility in all directions.
3. Excavations must be cribbed when necessary, depending upon type of soil, in order to prevent cave-ins.
4. No guys or stays to be attached to trees on Right of Way.
5. Underground construction must be so constructed as not to harm or unnecessarily destroy the root growth of sightly or ornamental trees.

ROADWAY

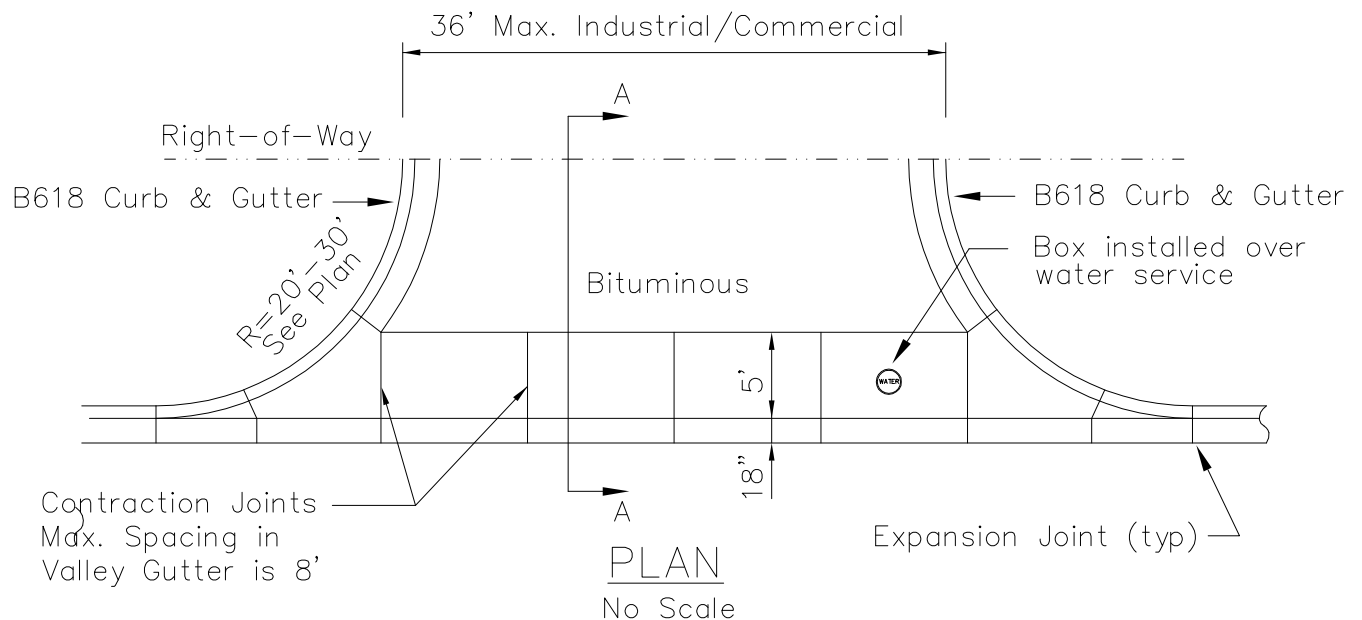
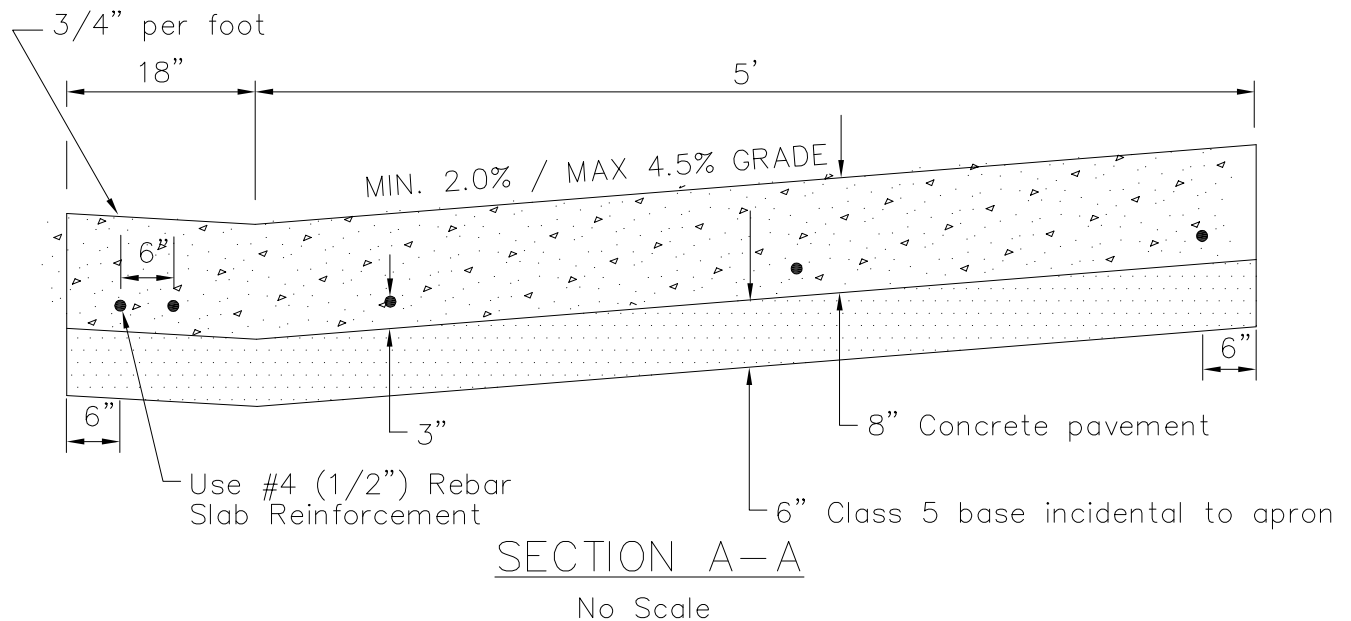
1. Installation of pipe under concrete or high type of bituminous pavements to be done by jacking or boring unless otherwise authorized by Engineer. When an installation is made by jacking or boring a pipe three inches or larger in diameter, a casing of larger dimension must be used to encase the service pipe.
2. All backfilling must be placed in 6-inch layers and thoroughly tamped, and material must be flush and even with the road surface when finally in place, unless Engineer authorizes alternate method of construction.
3. Finished surface, base, and sub-base of road after excavation and backfill shall be at least equal in stability to finished surface, base, and sub-base prior to excavation.
4. Concrete pavement to be replaced according to specifications which will be provided by the Engineer.
5. If settlement or excavation caves in within one year from completion date so that replaced materials settle (bituminous mat or concrete base), same shall be restored to its original conditions by the holder of this permit.
6. No pole anchors, anchors, braces, or other construction to be put on roadway shoulder except by special authorization.
7. No driving onto highway from ditch or driving on shoulders except when authorized by the Engineer, and if damage occurs, permit holder will make proper repairs.
8. No machine excavation shall be permitted except when noted in application for permit.
9. Excavations greater than four feet in width at top of trench will not be generally permitted and may be made only when expressly provided for on the permit.
10. Streets may not be closed to traffic unless expressly authorized by the permit.

LIMITATIONS

1. No lugs shall be used on equipment traversing road which will damage the road surface.
2. Roadside shall be cleaned up after work is completed.
3. No work shall be done which will create a nuisance.
4. Within 24 hours (Saturdays, Sundays and legal holidays excluded), the permit holder shall notify the municipality issuing the permit and, when applicable, the County Engineer, that such work has been completed and is ready for final inspection.
5. Within ten days after receipt of a copy of the permit application the City/County Engineer shall notify the applicant of any objection the City/County may have to the application.

REQUIREMENTS

1. All work within City boulevards requires the appropriate permit be obtained from the City's Engineering Department. A diagram showing the approximate location of the utility to be installed must accompany the permit application.
2. All drain tile within City boulevards shall be installed in accordance with Detail #5233. Connection to catch basin/manhole shall be core drilled.
3. Call 24 hours in advance to schedule inspection of connection to catch basin/manhole.
4. Provide financial security as determined by City staff.
5. Protect existing utilities and street surfaces.
6. Restore all disturbed areas to original condition.
7. Call for final inspection upon completion.
8. Upon completion, a set of as-built plans shall be provided to the City of Chanhassen Engineering Department.
9. Approval of this permit in no way implies or expresses the City of Chanhassen will guarantee said work.



NOTE:

1. Use #4 (1/2") rebar slab reinforcement in r.o.w placed @ 6" from each edge. rebar to be 2' on center, being 6" on center in the gutter.
2. Contraction joints shall be 1/3 the depth of the slab.
3. Bituminous paving section to the right-of-way is the same as the street paving section.
4. Maximum pavement slope allowed within 30' of the street is 4.5%. Aggregate used in the concrete mix shall be granite..
5. If water shutoff is in the driveway pavement a cover as manufactured by Mcdonald 74M1A series with a 8" opening frame & cover or equal shall be installed.



**CITY OF
CHANHASSEN**

**COMMERCIAL/INDUSTRIAL
CONCRETE DRIVEWAY APRON**

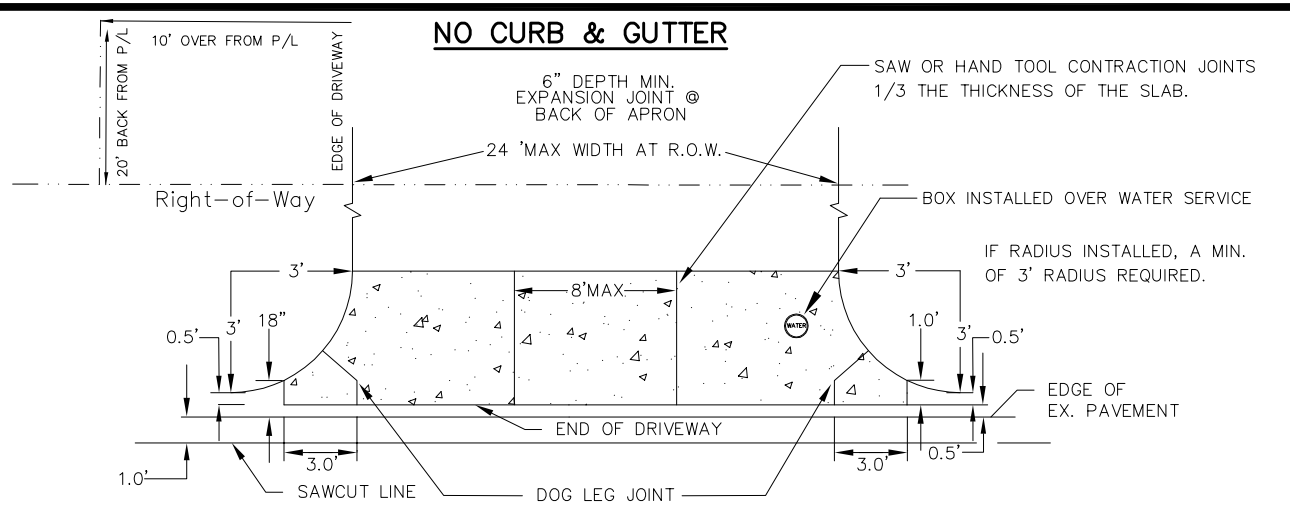
REVISED: 2-10

FILE NAME: G:\ENG\SPECS\5207

ENGINEERING DEPARTMENT

PLATE NO.:

5207



NOTE:
ON BITUMINOUS STREETS CONTRACTOR MUST SAWCUT AND REPLACE MIN 18" STRIP OF STREET SECTION WITH SAME PAVEMENT TYPE TO MATCH EXISTING STREET SECTION.

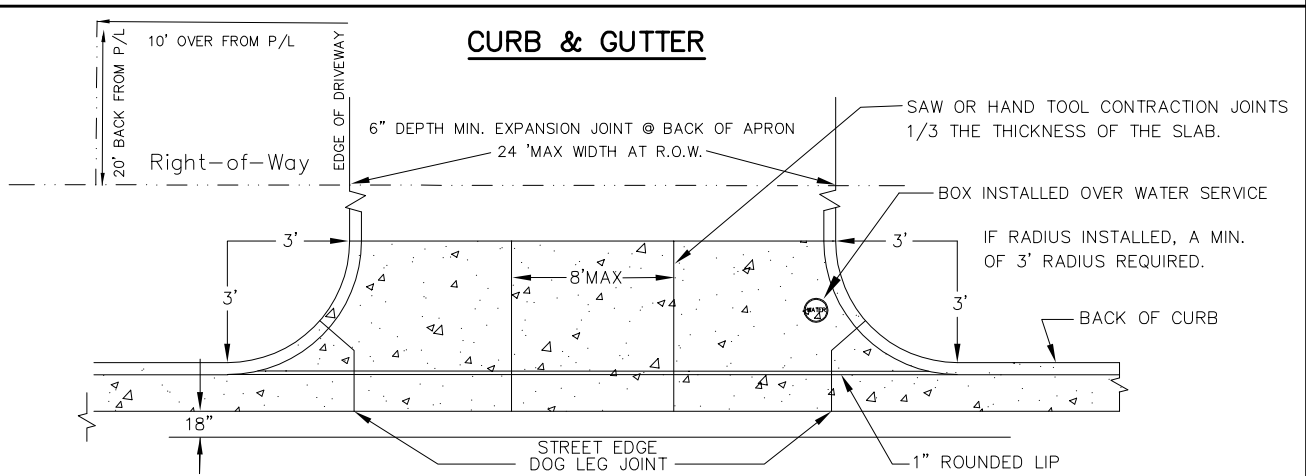
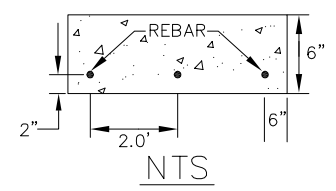
NEW CONCRETE DRIVEWAY SHALL BE OFFSET BACK 0.5' FROM EXISTING BITUMINOUS PAVEMENT.

WHEN EXISTING DRIVEWAY IS BITUMINOUS AND NEEDS TO BE RESTORED. THE CITY REQUIRES A MINIMUM OF 2 - 2" LIFTS IN THE R.O.W. AREA.

DRIVEWAY THICKNESS SHALL BE A MINIMUM OF 6" OF CONCRETE WITH 6" OF CLASS 5 FOR BASE

USE #4 (1/2") REBAR SLAB REINFORCEMENT IN R.O.W. PLACED @ 2' ON CENTERS.

IF WATER SHUTOFF IS IN THE DRIVEWAY PAVEMENT A COVER AS MANUFACTURED BY McDONALD 74M1A SERIES WITH AN 8" OPENING FRAME & COVER OR EQUAL SHALL BE INSTALLED.



NOTE:
CONTRACTOR MUST SAWCUT AND REPLACE MIN 18" STRIP OF STREET SECTION WITH SAME PAVEMENT TYPE TO MATCH EXISTING STREET SECTION.

WHEN EXISTING DRIVEWAY IS BITUMINOUS AND NEEDS TO BE RESTORED. THE CITY REQUIRES A MINIMUM OF 2 - 2" LIFTS IN THE R.O.W. AREA.

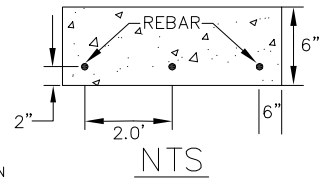
DRIVEWAY THICKNESS SHALL BE A MINIMUM OF 6" OF CONCRETE WITH 6" OF CLASS 5 FOR BASE

EXISTING CURB WILL BE REMOVED TO THE NEXT FULL JOINT OR SAWCUT IF MORE THAN 5' IS LEFT IN PLACE TO THE NEXT JOINT AND DRAINAGE IS MAINTAINED.

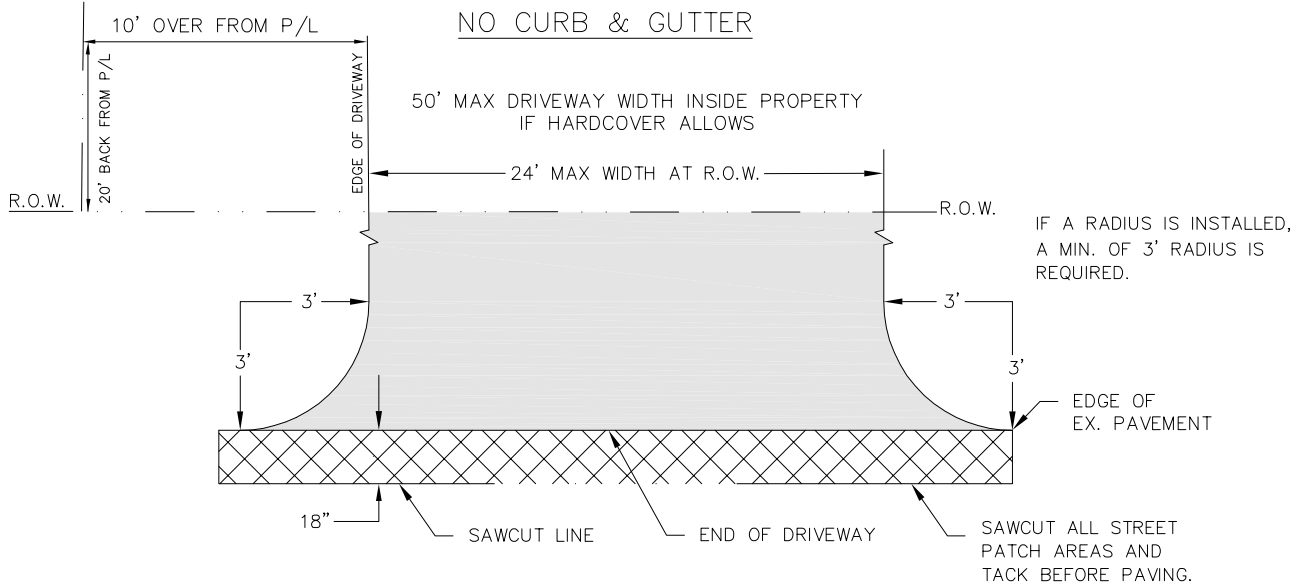
USE #4 (1/2") REBAR SLAB REINFORCEMENT IN R.O.W PLACED @ 2' ON CENTERS.

PLACE EXPANSION FELT BEHIND CURB PRIOR TO DRIVEWAY INSTALLATION.

IF WATER SHUTOFF IS IN THE DRIVEWAY PAVEMENT A COVER AS MANUFACTURED BY McDONALD 74M1A SERIES WITH AN 8" OPENING FRAME & COVER OR EQUAL SHALL BE INSTALLED.



CONCRETE RESIDENTIAL DRIVEWAY ENTRANCES WITH AND WITHOUT CURBS



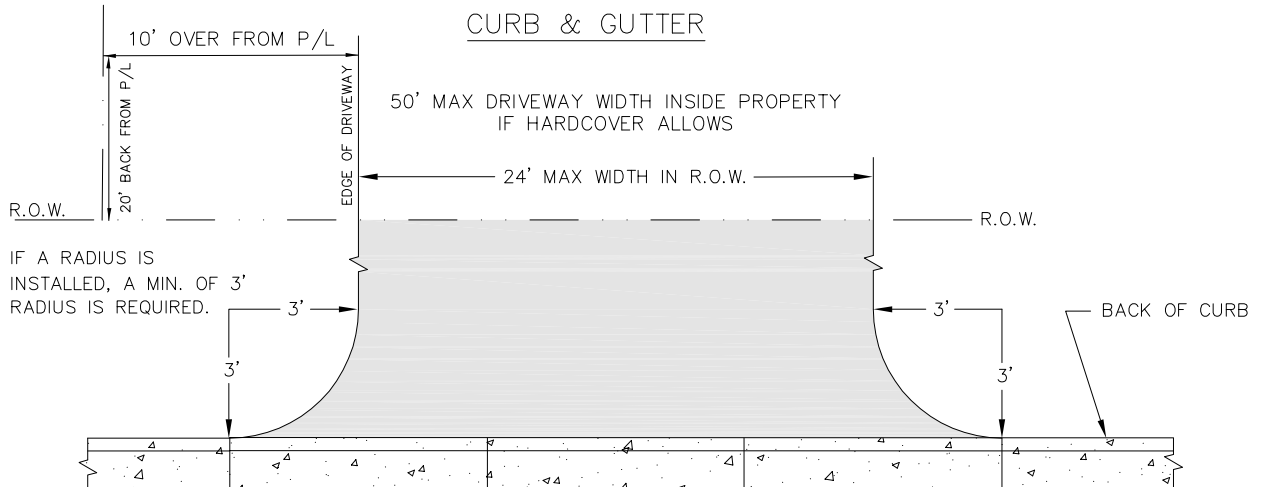
NOTE:



ON BITUMINOUS STREETS CONTRACTOR MUST SAWCUT AND REPLACE MIN 18" STRIP OF STREET SECTION WITH WEAR PAVEMENT TO MATCH EXISTING STREET SECTION THICKNESS.



DRIVEWAY THICKNESS TO THE RIGHT OF WAY SHALL BE A MINIMUM OF 2-2" LIFTS OF BITUMINOUS WITH 6" OF CLASS 5 FOR BASE



NOTE:



DRIVEWAY THICKNESS IN R.O.W. SHALL BE A MINIMUM OF 2-2" LIFTS OF BITUMINOUS WITH 6" OF CLASS 5 FOR BASE

IF THE CURB NEEDS TO BE REPLACED THEN THE ABOVE DETAIL FOR STREET REPLACEMENT SHALL BE USED AND THE CURB REMOVED TO THE NEAREST JOINT OR SAWCUT IF 5' OF CURB WILL REMAIN TO THE NEXT JOINT AND GUTTER LINE MAINTAINS PROPER DRAINAGE.



**CITY OF
CHANHASSEN**

**RESIDENTIAL BITUMINOUS
DRIVEWAY ENTRANCES
WITH AND WITHOUT CURBS**

REVISED: 2-10

FILE NAME: G:\ENG\SPECS\5209

ENGINEERING DEPARTMENT

PLATE NO.:

5209