



STOREY COUNTY PUBLIC WORKS DEPT
 PO Box 435, Virginia City, NV 89440
 100 Toll Road, Virginia City, NV 89440
 Ph. 775-847-0958
 PublicWorks@StoreyCounty.org

Encroachment Permit Application

DATE ISSUED: _____

PERMIT#: _____

Contractor	Contact Name
Phone / Email	Mailing Address
Doing Work For	Contractor License #
Job Location	Assessor Parcel Number (APN)
Description of work	Jobsite Dimensions
Work Start Date	End Date
Traffic Control	Contractor / Owner Signature

Applicant acknowledges that they have read and understand the *Instructions for Permitted Work* and have provided all required documents listed under Required Attachments. Any non-compliance of these terms and conditions is grounds for the halting of any and all work, regardless of the current status of the job. _____ Signature of Applicant _____ Printed Name and Title

FOR OFFICE USE ONLY

Encroachment Base Fee \$100.00
 Excavation Base Fee \$120.00
 Total Fees Due \$220.00

Approved by _____
 Date _____

Amount Paid: \$ _____
 Check No. _____

{ } COPY TO APPLICANT – DATE: _____

INSPECTED: _____ DATE: _____

**STOREY COUNTY
PUBLIC WORKS DEPARTMENT
Encroachment Permit Application**

REQUIRED ATTACHMENTS:

1. Concise description of work to be performed.
2. Legible drawing of job location showing true north and nearest cross street or road.
3. A copy of a current Nevada State Contractors License for work designated.
4. A copy of a current Storey County Business License.
5. A Traffic Plan- required if closing any part of a street or road. Must apply for the entire duration of the project.
6. ** Contractor must notify Storey County Dispatch at (775)- 847-0950 to provide road closure dates and details.

INSTRUCTIONS FOR PERMITTED WORK:

1. Work shall not begin until the permit has been issued.
2. All Encroachment Permits expire 1 year or 30 days after contractor's specified end date, whichever is sooner.
3. A copy of this permit must be posted at the jobsite at all times.
4. ALL excavations and cuts must contact "CALL BEFORE YOU DIG" 48 hrs. prior to project start date. *This service is transitioning to Underground Service Alert of Nevada 811 // 800-642-2444 (April 2023).*
5. If Steel Trench Plates are to be used, they must be secured with plate lockers and must be clearly marked with MUTCD (Manual for Uniform Traffic Code Devices) approved signage and cones marking locations.
6. Trench Plates must be removed immediately, and trenches need to be backfilled, compacted, and patched with an appropriate cold or hot mix (minimum 3") when snow is in the forecast.
7. 24-hr notice must be given prior to work beginning.
8. 24-hr notice must be given before backfilling is started.
9. The project site must be clean, and work completed before final inspection.
10. Contractor must call for final inspection within 24 HRS of completion of project.

11. All material disturbed within the encroachment shall be compacted, backfilled and dressed to original confirmation. All asphalt patches must be put back at full depth of existing asphalt with a minimum of 9" T Top unless otherwise specified by the Public Works Director. Select road aggregates on any traveled surface or shoulder lost through excavation and backfill shall be replaced with approved fill material (see Approved Mix for Patch Back Work) before the project will be signed off for completion.

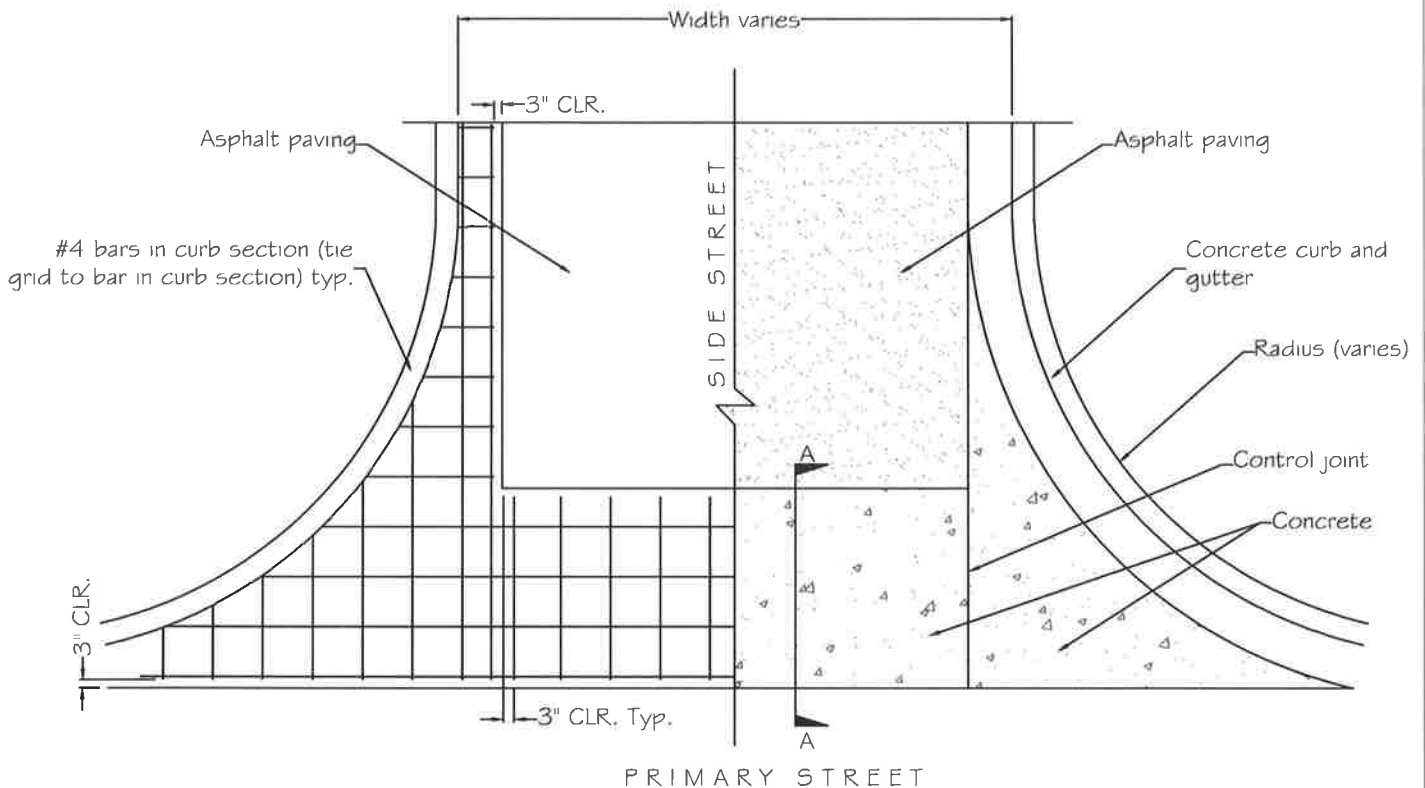
12. Applicant must comply with all Storey County codes as well as meeting Standard Specifications for Public Works Construction. Applicant must also comply with The Manual for Uniform Traffic Code Devices (MUTCD).

13. Work shall not be performed on weekends or holidays- unless prior approval is given by Storey County
- Public Works Director.

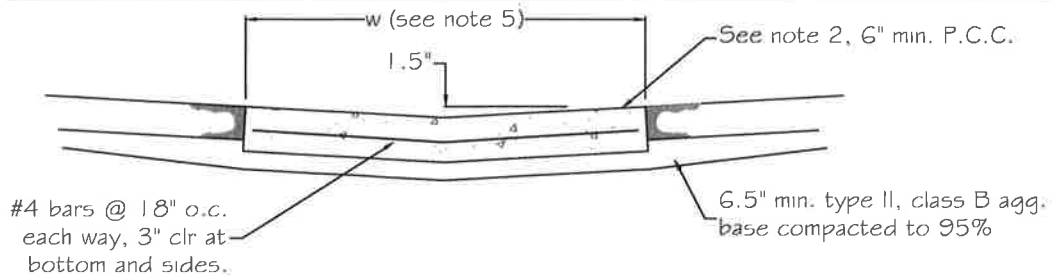
Non-compliance with any of the above-mentioned requirements shall result in revocation of Encroachment Permit.

NOTES:

1. Portland Cement Concrete (P.C.C.) shall have the following characteristics: 4000 psi minimum compressive strength @ 28 days, 6-8 sacks of cement per cubic yard with a maximum water/cement ratio of 0.45, air entrainment of 6% ± 1.5%, slump at one to four inches. All materials shall conform to SSPWC section 202.
2. For industrial areas, an engineered design is required. Use 6.5" of concrete for 40 trucks (traffic). See calculation sheets provided with permit set.
3. Aggregate base shall be engineered, type II, class B and placed with 95% compaction.
4. Valley gutter shall have weakened plane joints at 10'-0" o.c..
5. For local and collector streets w=6.0'. Arterial streets (driveways only) w=10.0'.
6. Valley gutter sections along curb and gutter may be monolithic pour as shown.



PLAN VIEW



SECTION VIEW

STOREY COUNTY
 PUBLIC WORKS
 100 TOLL ROAD - P.O. BOX 436
 VIRGINIA CITY NV 89440

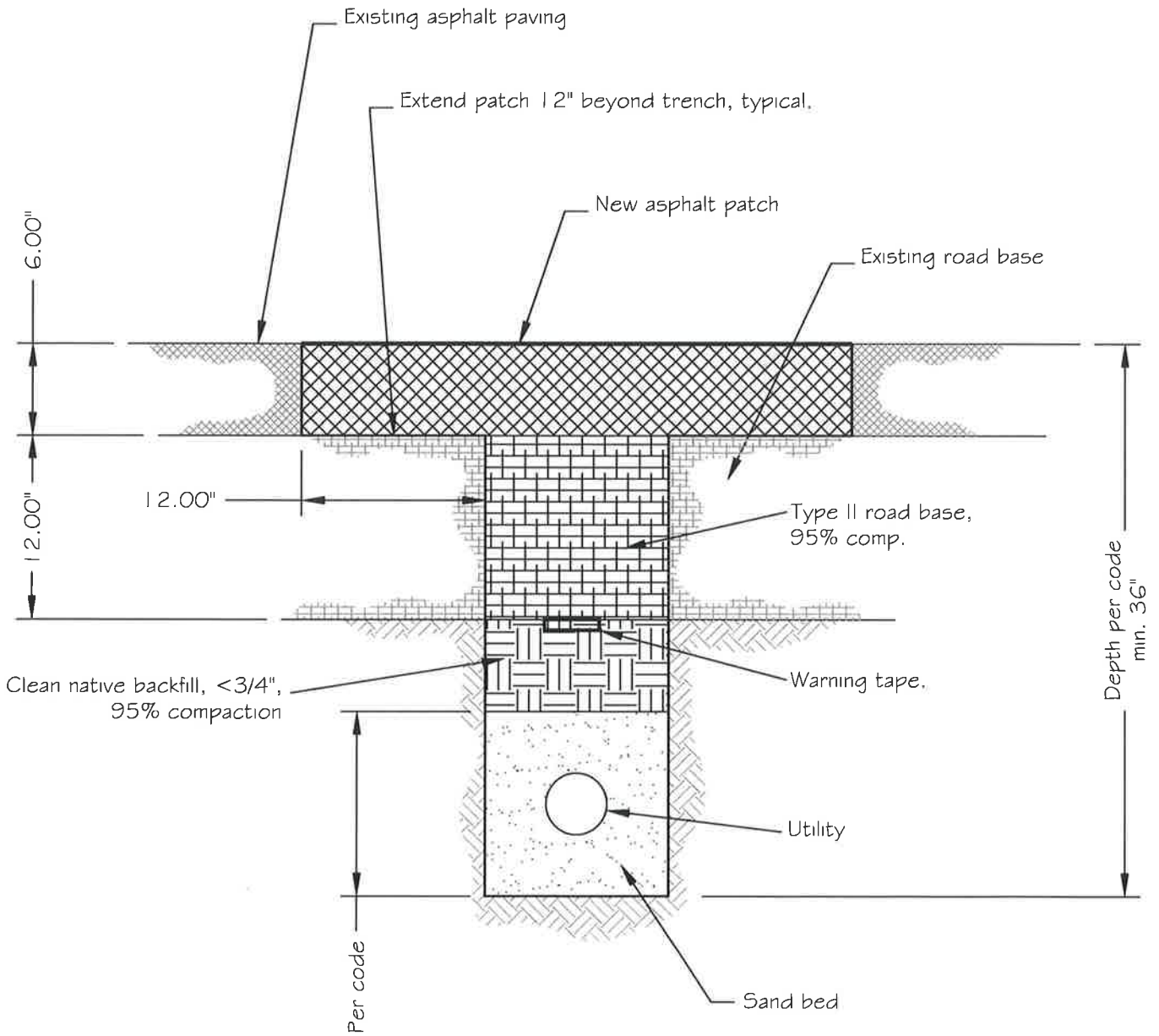


VALLEY GUTTER DETAIL

For use in apron entryway at street with curb and gutter

STANDARD DETAIL

PROJECT NUMBER
SCALE
N.T.S.
DATE
APR 2020
SHEET
SD-2



STOREY COUNTY
 PUBLIC WORKS
 100 TOLL ROAD - P.O. BOX 435
 VIRGINIA CITY NV 89440



PERMANENT ASPHALT PATCH

For use in patch of asphalt paving
 after install of utility trench.

STANDARD DETAIL

PROJECT NUMBER	
SCALE	N.T.S.
DATE	APR 2020
SHEET	SD-1

Existing
pavement

Patch

Existing
pavement

Existing base

Backfill

Existing base



ASPHALT CEMENT, GRADE PG 64-28NV

TEST	TEST METHOD	REQUIREMENT
Tests on Original Binder:		
Flash Point, °C	AASHTO T48	230 Min.
Viscosity @ 135 °C, Pa·s	AASHTO T316	3.00 Max.
Dynamic Shear, G*/sin δ, Test Temp 64 °C @ 10 rad/s, kPa	AASHTO T315	1.00 Min.
Ductility @ 4 °C, 5 cm/min, cm	Nev. T746	50 Min.
Toughness, Inch·lb	Nev. T745	110 Min.
Tenacity, Inch·lb	Nev. T745	75 Min.
Solubility, %	AASHTO T44	99.0 Min.
Sieve, Particulates Retained	Nev. T730	0
Tests on Residue from R.T.F.O., Nev. T728:		
Mass Loss, %	Nev. T728	1.00 Max.
Dynamic Shear, G*/sin δ, Test Temp 64 °C @ 10 rad/s, kPa	AASHTO T315	2.20 Min.
Ductility @ 4 °C, 5 cm/min, cm	Nev. T746	25 Min.
Tests on Residue from Pressure Aging Vessel, AASHTO R28 @ 100 °C:		
Dynamic Shear, G*/sin δ, Test Temp 22 °C @ 10 rad/s, kPa	AASHTO T315	5000 Max.
Creep Stiffness, S, Test Temp -18 °C @ 60 sec, MPa	AASHTO T313	300 Max.
Creep Stiffness, m-value, Test Temp -18 °C @ 60 sec	AASHTO T313	0.300 Min.

Blend the PG 64-28NV at the asphalt terminal/refinery and deliver as a completed mixture to the job site. Do not transport PG 64-28NV by railroad car.

Asphalt Cement, Grade PG 64-28NV not conforming to the requirements specified herein will be assessed demerits according to the following schedule.

TEST	LIMIT WITH TOLERANCE	REJECTION LIMIT	DEMERITS
Flash Point, °C	222 Min.	163 Min.	21
Viscosity, Pa·s	3.21 Max.	3.50 Max.	21
Dynamic Shear, Original Binder, kPa	0.90 Min.	0.75 Min.	21
Ductility, Original Binder, cm	50 Min.	29 Min.	21
Toughness, Inch·lb	110 Min.	57 Min.	21
Tenacity, Inch·lb	75 Min.	22 Min.	21
Solubility, %	98.9	98.6	21
Sieve	1	10	21
Mass Loss, %	1.00 Max.	1.01 Max.	31
Dynamic Shear, R.T.F.O., kPa	1.98 Min.	1.65 Min.	21
Ductility, R.T.F.O., cm	25 Min.	4 Min.	21
Dynamic Shear, P.A.V., kPa	5500 Max.	6250 Max.	21
Creep Stiffness, S, MPa	330 Max.	375 Max.	21
Creep Stiffness, m-value	0.290 Min.	0.245 Min.	21

2.18.040 - Fees.

- A. Before a permit is issued as set forth in this chapter, the director of public works shall collect from the applicant an excavation permit to pay for the costs of inspection and permanent patching in accordance with a set list of fees approved by the county and kept on file in the office of the director of public works.
- B. The excavation permit fee shall be increased whenever an excavation is to be made in a street or alley on which the permanent surfacing is less than five years old. The amount of the increase shall be three hundred percent of the fee during the first year from the date the street paving was accepted by the county and the amount of the increase shall thereafter be reduced by sixty percentage points on each annual anniversary of the date of acceptance. *ELECTRIC LAISE TOWN*
- C. The excavation permit fee is not intended to cover or pay for any costs required for the repair or replacement of any improvement other than the surface of the street or alley affected by the excavation. It is the responsibility of the permittee to repair or replace any such removed, damaged, or disturbed improvement.
- D. For the purposes of computing the amount of the fee, the director of public works shall rely upon information listed in the excavation permit application to determine the size of the area to be excavated. The area shall be computed from linear measurement of length and width of the opening as shown in the application with each such measurement increased a minimum of one and one-half feet. Provided, however, if excessive cave-in occurs, field measurements shall be utilized to determine the size of the area excavated.
- E. If a work of excavation begins prior to obtaining a permit, the excavation permit fee shall be triple the amount that would otherwise be due. If a subsequent offense occurs within a five-year period from the first offense, the permit fee shall be quadruple the amount that would otherwise be due if no such offense has occurred.
- F. The director of public works may, for the good cause, modify the provisions of this chapter with the approval of the county commissioners.

(Ord. 165 § 1(part), 2000)