

TOWN
of
PARADISE VALLEY



Right-of-Way and Engineering Permit Application
Community Development Department
6401 E Lincoln Drive
Paradise Valley, AZ 85253
(480) 348-3692

Right-of-Way and Engineering Permit Application

PERMIT # _____

LOCATION OF WORK: _____

NATURE OF WORK: _____

APPLICANT: _____
(Utility Company, Licensed General Contractor, or Sub Contractor WITH ROW LICENSING)

CONTACT NAME: _____ LICENSE # _____

MAILING ADDRESS: _____
(Street, City, State and Zip Code)

24 HR. PHONE: (____) _____ JOB FOREMAN: _____

INSURANCE COMPANY: _____ Drawing # _____

DATE OF SUBMITTAL: _____

EMAIL ADDRESS: _____

NOTICE OF CONDITIONS

UNDERGROUND UTILITIES after December 31, 2005 will comply with House Bill 2256 for detectable underground location devices. Work areas shall be Blue Staked prior to any excavation.

STREET CUTS require prior authorization from the Engineering Department at 480-348-3681.

APPROVED street cuts larger than 2 Sq. Ft shall be patched back with an approved AC mix, joints shall be crack sealed, and an application of a Town approved pavement treatment shall be applied to the half width of an arterial street, or the full width of a collector or local street. The treatment must extend a minimum of 25 feet in both directions from the pavement cut(s). Pavement treatment limits shall be approved by the Town. Sidewalk panel repairs shall be San Diego Buff colored concrete. Pedestrian ramp truncated domes shall be Terracotta colored and cast in place unless otherwise approved by the Town Engineer.

NOTIFY Engineering Department 24 hours in advance of START OF CONSTRUCTION - 480-348-3681.

NOTIFY Engineering Department 24 hours in advance of STREET CUTS - 480-348-3581 or 480-348-3681 to schedule.

NOTIFY Police Dept. 24 hours in advance of traffic lane closures, detours, and/or road blockages 480-948-7410.

PERMIT and APPROVED/Stamped Plans must be on work site during construction. Work will be stopped until Permit and approved plans are present onsite.

ATTACH one set of construction plans for review & approval. Subdivision & water/sewer line projects require a CD or USB drive of the Town-approved plans in Adobe Acrobat Reader (PDF) format.

TRENCHING, BACKFILL AND PAVEMENT REPLACEMENT shall comply with current Details and Specifications approved by the Town of Paradise Valley (per MAG specification and attached detail sheets). Concrete collars for valves and manholes within Town right-of-way shall be black colored concrete. **NOTIFY** Engineering Department 24 hours in advance of backfilling for **REQUIRED INSPECTION**. Call 480-348-3581 to schedule.

TRENCH PLATING AND BARRICADES Trench platting shall be installed in accordance to MAG Standard Detail 211, Type 2. All barricades shall have operating lights from dusk till dawn.

Updated July 2023

**TOWN OF PARADISE VALLEY
APPLICATION FOR RIGHT-OF-WAY/ENGINEERING WORK**

OFF DUTY POLICE OFFICERS Off duty Town of Paradise Valley police officers are required whenever construction excavation or boring is occurring within 300 feet of a signalized intersection, in right-of-way, public utility easement, or when required by the Town Engineer. All requests are to be made to the Police Department at least 5 business days prior to the anticipated start date of construction. Police officers can be obtained by submitting a completed request form available at <https://www.paradisevalleyaz.gov/432/Hiring-an-Off-Duty-Officer>. For addition information please contact Lieutenant Michael Horn at 480-348-3565 or via email at mhorn@paradisevalleyaz.gov

UTILITY RELOCATIONS Relocations of utility cabinets, pedestals, etc. shall be four (4) feet back of existing curb or future back of curb location. Any deviations from the four (4) foot clear space shall be approved by the Town Engineer.

SIDEWALKS AND RAMPS Sidewalks and sidewalk ramps shall be constructed with San Diego Buff colored concrete or approved equal. All ADA detectable warning mats shall be terracotta color unless otherwise approved.

LINCOLN DR and TATUM BLVD construction shall be accomplished only between the hours of 9:00 a.m. & 3:30 p.m. No barricades shall be set until 9:00 a.m. & shall be removed by 3:30 p.m. daily. The standards & specifications in **Part VI of the Manual on Uniform Traffic Control Devices (MUTCD)** & the **City of Phoenix Traffic Barricade Manual** shall be followed.

LIABILITY INSURANCE in the amount of two million dollars, naming the Town as additional insured, is required. **The original document of insurance shall be provided prior to the release of approved permit.**

DUST CONTROL measures shall be enforced at all times in accordance with the Maricopa County Earth Moving Permit (projects with disturbed areas in excess of .10 acre) and attached TPV Dust Control Plan.

APPLICANT Name (Print) _____ **Date** _____

APPLICANT SIGNATURE _____ **Date** _____

THIS PERMIT IS ISSUED TO THE APPLICANT, SUBJECT TO THE FOLLOWING CONDITIONS:

PERFORMANCE GUARANTEE in the amount of \$2,000.00 (certified check or money order) is required, and has been submitted: Check No. _____. Upon completion of the project and the return of the roadway to the original condition, with adherence to MAG Specifications and all traffic control measures, the **Applicant is required to call the Engineering Department at 480-348-3681 to schedule a final inspection**. Following a satisfactory inspection and approval of the project site and related work, the Performance Guarantee will be refunded in full to the Applicant.

The following daily fees shall be deducted from the Performance Guarantee, and all overages charged to the Permittee, if the Town has to provide assistance to:

- | | |
|---|----------|
| 1) Provide Traffic Control Devices (day or night) | \$250.00 |
| 2) Provide Emergency Street Work | \$250.00 |
| 3) Provide any Permanent Site Restoration
(for work not finished by completion date) | \$500.00 |

All work shall be performed only by contractors holding a Contractor's License with permissions granted to work in the Right-of-Way.

Adequate procedures shall be followed by the Permittee for the control and safety of traffic. **Traffic Control plans shall be submitted and approved prior to start of work in the right-of-way. Seven (7) day advanced warning signage shall be required for all road closures.**

TOWN COMPUTATION OF PERMIT FEES

A.C. Paving	Sq. Yd.	@ \$2.50
Concrete Sidewalk/Recreation Path	Lin. Ft.	@ \$1.50
Dust Palliative	Sq. Yd.	@ \$0.02
Concrete Valley Gutter and Apron	Lin. Ft.	@ \$1.25
Curb and Gutter	Lin. Ft.	@ \$1.50
Water Lines	Lin. Ft.	@ \$1.75 (Paved), \$1.50 (Unpaved)
Sewer Lines	Lin. Ft.	@ \$1.75 (Paved), \$1.50 (Unpaved)
Natural Gas Lines	Lin. Ft.	@ \$1.75 (Paved), \$1.50 (Unpaved)
Trenching	Lin. Ft.	@ \$1.75 (Paved), \$1.50 (Unpaved)
Splice Pit/Repair Pit	Each	@ \$150.00 (Inside Pavement), \$125 (Outside Pavement)
Concrete Box Culvert (Single Barrel)	Each	@ \$150.00
Brass Cap/Survey Marker	Each	@ \$125.00
Street Sign	Each	@ \$125.00
Traffic Control Devices (including barricades) day or night, per location	Per location	@ \$250.00
Emergency Street Work, per location	Per location	@ \$250.00
Permanent Site Restoration	Each	@ \$500.00

Ref. Article 5-5, Paradise Valley Town Code

PERMIT # _____

TOWN OF PARADISE VALLEY ENGINEERING DEPARTMENT
RIGHT-OF-WAY AND ENGINEERING PERMIT
EMERGENCY DATA SHEET *

Applicant _____
(Utility Company, Licensed General Contractor, or Sub Contractor licensed to work in the ROW)

Location of Work _____

Type of Work _____

Contact Person _____

Office No. _____ Ext. _____ Mobile _____

24-Hr. No. _____

CONTRACTOR (ROW Licensed General Contractor or Sub Contractor)

Company Name _____

Contact Person _____

Office No. _____ 24-Hr. No. _____

Mobile _____

Alternate Contact Person _____

Mobile _____

TRAFFIC BARRICADE COMPANY

Company Name _____

Contact Person _____

Office No. _____ 24-Hr. No. _____

Mobile _____

Email the permit application to PVPermitSubmittal@paradisevalleyaz.gov

Any changes to the application need to be emailed to PVPermitSubmittal@paradisevalleyaz.gov and approved prior to any construction.

PERMIT # _____

All Right-of-Way permits will need a Pre-Construction meeting and inspections. To schedule your Pre-Construction meeting please call the Engineering Division at [480-348-3681](tel:480-348-3681).

Once your Pre-Construction meeting is complete you can schedule further inspections by calling [480-348-3581](tel:480-348-3581) and follow the prompts. The inspection numbers you will need are as follows:

3010 – ROW Backfill

3020 – ROW Final

3025 – ROW Sewer

3030 – ROW Curb

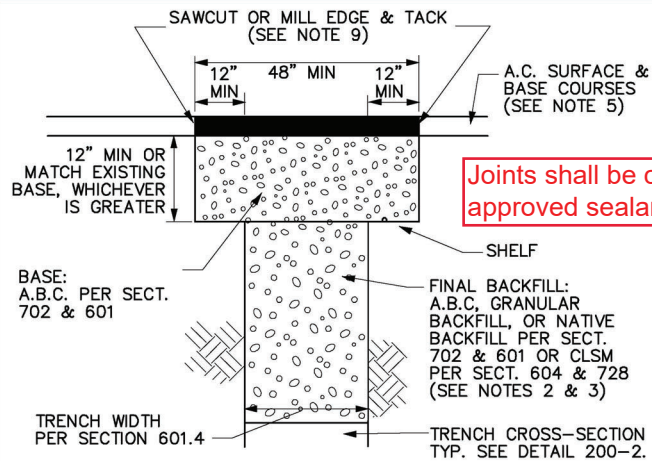
3040 – ROW Asphalt-Pavement

3050 – ROW Water

3060 – ROW Drainage-Structure

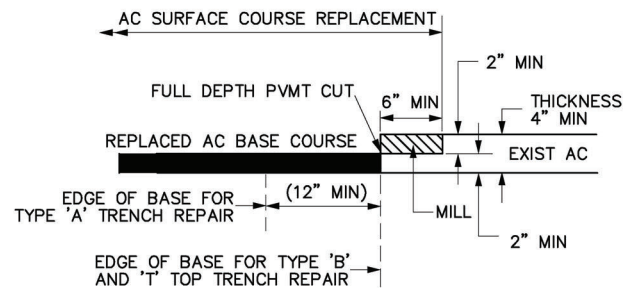
3070 – ROW Utility Conduit

3015 – ROW Miscellaneous (please describe what inspection is for)



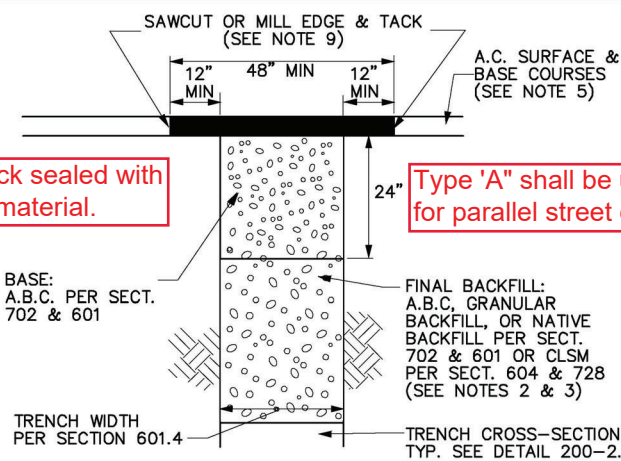
"T TOP" TRENCH REPAIR

"T Top" detail shall be utilized for perpendicular street cuts



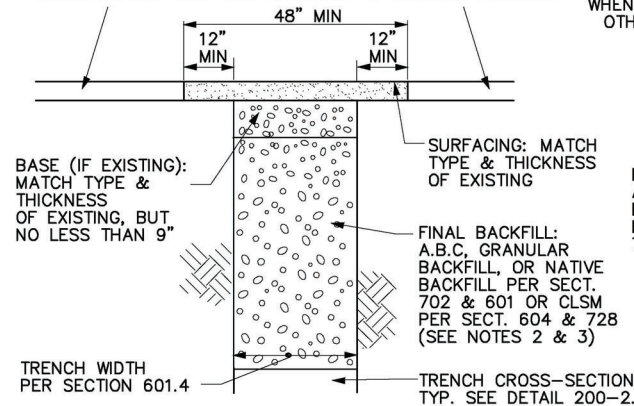
OFFSET JOINT

(FOR PAVEMENT $\geq 4"$ THICK)



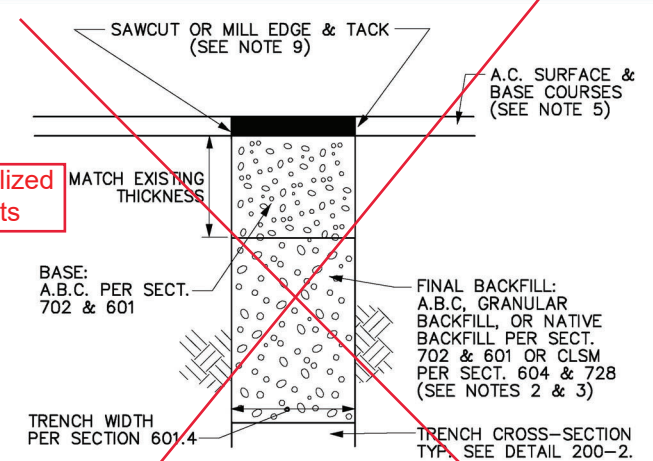
TYPE "A" TRENCH REPAIR

RESTORE SURFACE OUTSIDE OF TRENCH LINES DAMAGED DURING CONSTRUCTION WITH LIKE MATERIAL TO ORIGINAL CONDITION



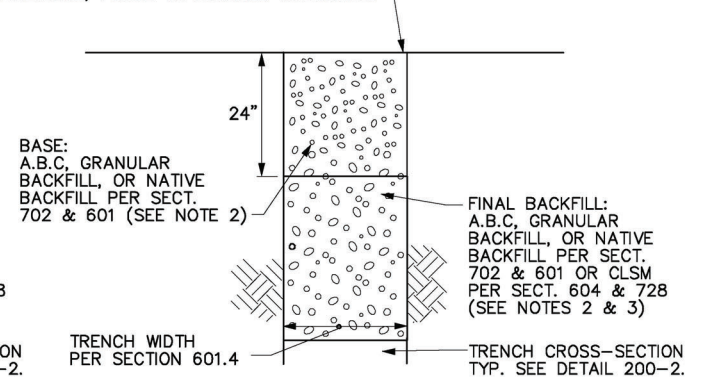
TYPE "D" TRENCH REPAIR

(TRENCH NOT UNDER CONCRETE OR ASPHALT PAVEMENT)



TYPE "B" TRENCH REPAIR

MATCH ADJACENT GROUND SURFACE WHEN FINAL STREET ELEVATION IS UNKNOWN. OTHERWISE, PLACE TO FINISHED SUBGRADE.



TYPE "E" TRENCH REPAIR

(TRENCH IN FUTURE ROADWAY PRISM OR ALLEY)

NOTES:

- PAVEMENT MATCHING AND SURFACE REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 336.
- MATERIAL FOR FINAL BACKFILL AND BASE (IF APPLICABLE) SHALL BE AS NOTED HEREIN UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS. CLSM SHALL BE 1/2-SACK OR 1-SACK PER SECTIONS 604 AND 728.
- FINAL BACKFILL SHALL BE 1/2-SACK OR 1-SACK CLSM PER SECTIONS 604 AND 728 FOR TRENCH DEPTHS GREATER THAN 4 FEET UNLESS A SAFE (OHS COMPLIANT) WORKING SPACE AT LEAST 30" WIDE IS PROVIDED TO CONDUCT COMPACTION TESTING.
- BASE, FINAL BACKFILL, AND PIPE EMBEDMENT ZONE COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 601.
- ASPHALT CONCRETE SURFACE AND BASE COURSES SHALL COMPLY WITH SECTION 336.2.4.1 UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS.
- USE TYPE "A" FOR LONGITUDINAL TRENCH REPAIR AND USE "T-TOP" FOR TRANSVERSE TRENCH REPAIR (SEE DETAIL 200-2) UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS. TYPE "B" TRENCH REPAIR MAY BE USED FOR TRANSVERSE TRENCH REPAIR IF SPECIFIED BY THE AGENCY.
- PROVIDE MINIMUM 12" WIDE SHELF AS SHOWN IN "T-TOP" TRENCH REPAIR EXCEPT WHERE EDGE ABUTS EXISTING CONCRETE.
- USE "T-TOP" PAVEMENT REPLACEMENT WHERE A TRENCH IS NOT PARALLEL TO A STREET OR GOES THROUGH AN INTERSECTION.
- THE JOINT LOCATION OR JOINT CONFIGURATION MAY VARY FROM THAT SHOWN TO ELIMINATE REMNANTS, TO ELIMINATE FULL DEPTH SAWCUT JOINTS FROM BEING LOCATED WITHIN A WHEEL PATH AS REQUIRED BY SECTION 336, OR WHEN AN OFFSET JOINT IS CONSTRUCTED.
- SEE DETAIL 200-2 FOR REMNANT PAVEMENT REMOVAL REQUIREMENTS.
- EXPOSED COPPER OR POLYETHYLENE WATER PIPE UP TO 2" IN DIAMETER IN TRENCHES TO BE BACKFILLED WITH CLSM SHALL BE WRAPPED WITH MINIMUM 3/4" THICK PREFORMED PIPE-COVERING FOAM INSULATION BEFORE PLACING CLSM.

DETAIL NO.

200-1



STANDARD DETAIL
ENGLISH

TRENCH BACKFILL AND SURFACE REPLACEMENT

PROPOSED

01-01-2016

DETAIL NO.

200-1

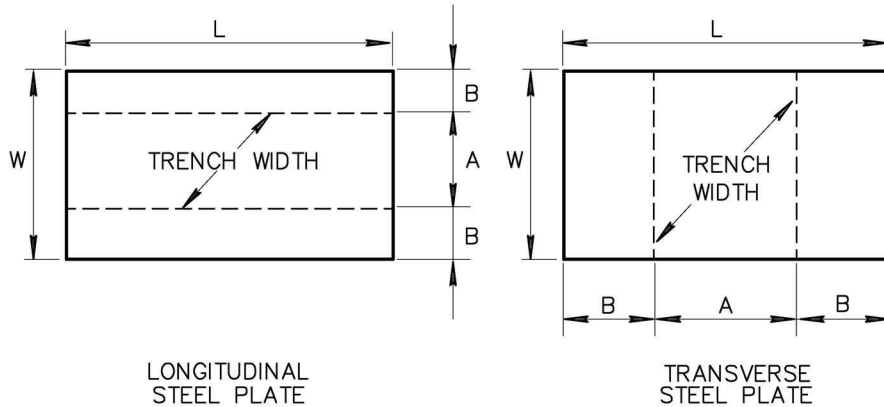
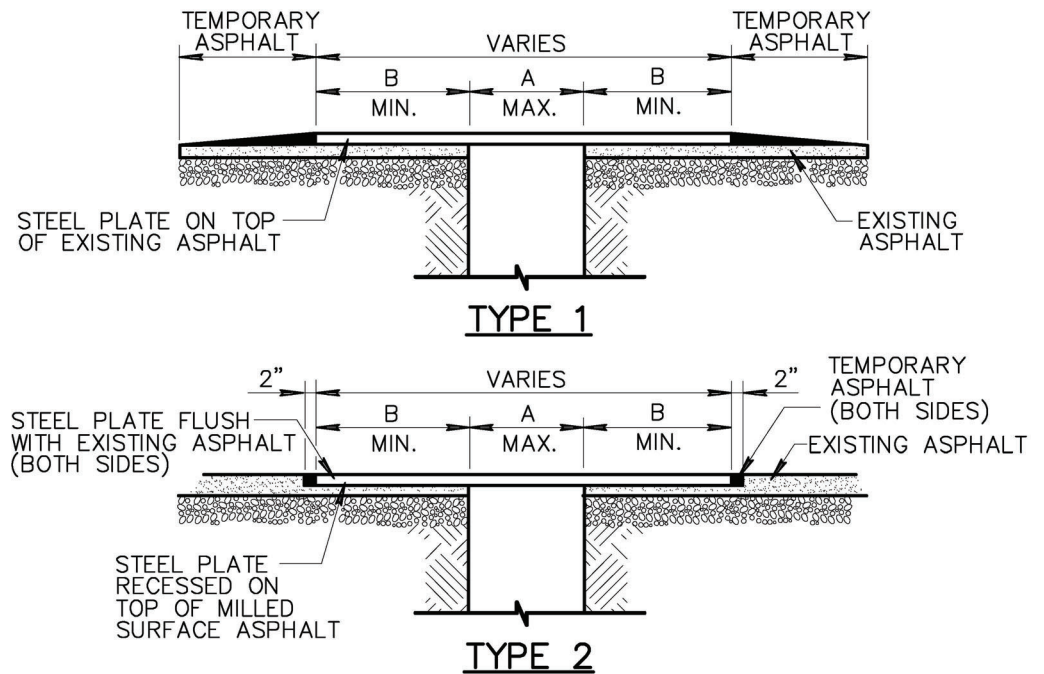


PLATE SIZE						
LONGITUDINAL					TRANSVERSE	
(A)	(B)	THICKNESS	(W)	(L)	(A)	(B)
12"	18"	1"	4'	8'	58"	19"
12"	18"	1"	4'	10'	58"	31"
24"	18"	1"	5'	10'	70"	25"
36"	18"	1"	6'	10'	44"	38"
48"	18"	1"	7'	10'	52"	34"
60"	18"	1"	8'	10'	58"	31"
12"	18"	1-1/4"	4'	15'	88"	47"
24"	18"	1-1/4"	5'	12'	104"	20"
36"	18"	1-1/4"	6'	12'	66"	39"
36"	18"	1-1/4"	6'	16'	66"	63"
48"	18"	1-1/4"	7'	12'	76"	33"
48"	18"	1-1/4"	7'	16'	76"	58"
60"	18"	1-1/4"	8'	12'	86"	29"
60"	18"	1-1/4"	8'	15'	86"	47"
60"	18"	1-1/4"	8'	16'	86"	63"
60"	18"	1-1/4"	8'	20'	86"	77"
60"	18"	1-3/8"	8'	20'	102"	69"

Type 2 trench plating shall be the only acceptable type of plating allowed in the Town of Paradise Valley, unless the work zone is completely closed to traffic and pedestrians.

NOTES:

1. ~~USE TYPE 1 PLATE INSTALLATION WHERE POSTED SPEED LIMIT IS LESS THAN 30 MPH. USE TYPE 2 PLATE INSTALLATION WHERE POSTED SPEED LIMIT IS 30 MPH OR GREATER.~~
2. FOR TYPE 2 PLATE INSTALLATION, THE STEEL PLATE SHALL BE RECESSED BY MILLING INTO THE EXISTING ASPHALT TO SET FLUSH WITH THE SURFACE OF THE EXISTING ASPHALT. FULL DEPTH CUTTING OF PAVEMENT SECTION OUTSIDE OF TRENCH IS NOT PERMITTED. MILLING DEPTH SHALL MATCH THICKNESS OF PLATE. THE GAP BETWEEN THE EDGE OF THE PLATE AND THE ADJACENT EXISTING ASPHALT PAVEMENT MUST BE FILLED WITH TEMPORARY ASPHALT.
3. TRENCH WIDTHS ARE BASED ON AN ANALYSIS PER THE 14TH EDITION OF STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES BY AASHTO. AN ASSUMED AXLE LOADING OF 12 TONS WITH A 30% IMPACT FACTOR WAS USED. THE AXLE LENGTH IS 6 FEET; THEREFORE THE NUMBER OF WHEELS CARRIED BY A PLATE DEPENDS ON THE ROADWAY WIDTH.
4. STEEL PLATE MUST BE ABLE TO WITHSTAND H-20 TRAFFIC LOADINGS WITHOUT ANY MOVEMENT.
5. PLATES SHALL BE FABRICATED FROM ASTM A36 STEEL (MIN).
6. PLATES SHALL BE SECURED FROM LATERAL MOVEMENT AND VERTICAL VIBRATION (ASSOCIATED NOISE) WHILE IN USE BY TEMPORARY ASPHALT (COLD MIX.)



DETAIL NO.

211



STANDARD DETAIL
ENGLISH

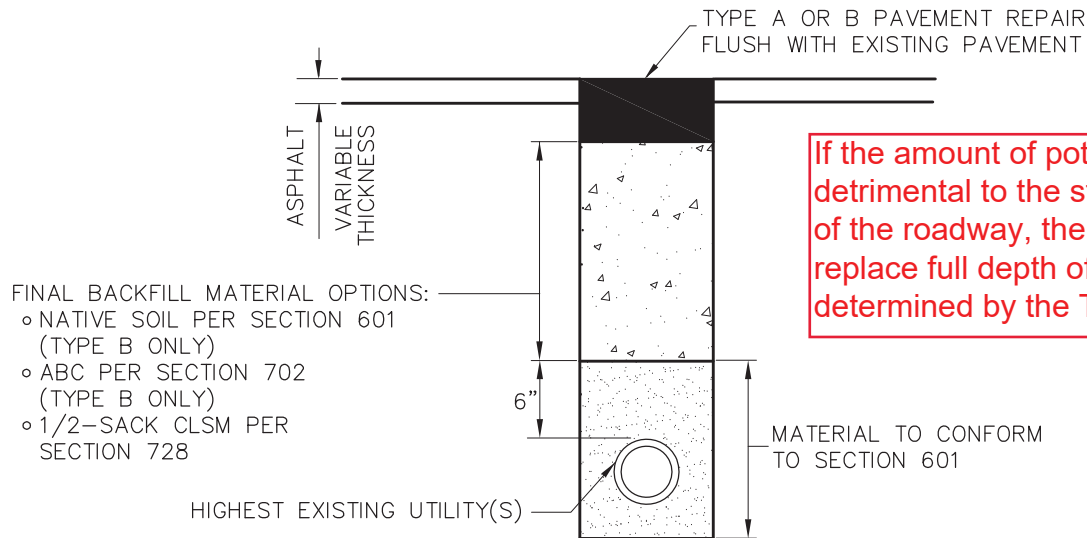
STANDARD TRENCH PLATING DETAIL

REVISED

01-01-1998

DETAIL NO.

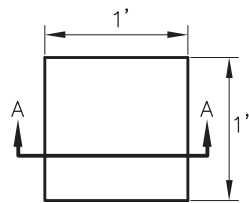
211



If the amount of potholes are deemed excessive and detrimental to the structural integrity and aesthetics of the roadway, the contractor shall remove and replace full depth of the existing roadway as determined by the Town Engineer.

SECTION VIEW

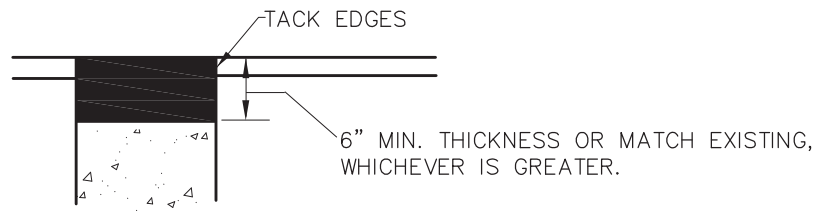
TYPE A PAVEMENT REPAIR



PLAN VIEW

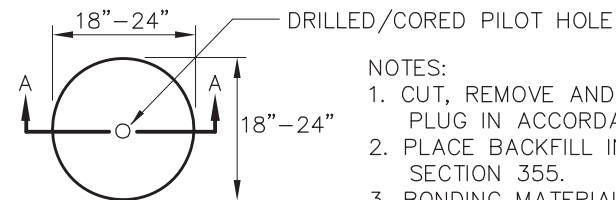
NOTES:

1. DIMENSIONS ARE NOMINAL.
2. EDGES SHALL BE CUT TO A NEAT VERTICAL FACE.
3. PLACE CLSM BACKFILL IN ACCORDANCE WITH SECTION 604.
4. PLACE AGENCY-APPROVED ASPHALT CONCRETE IN MAXIMUM 2" LIFTS.



SECTION A-A

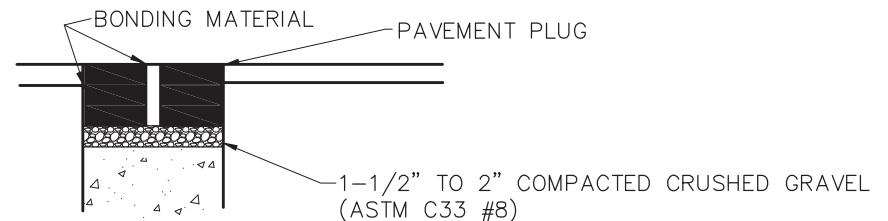
TYPE B PAVEMENT REPAIR



PLAN VIEW

NOTES:

1. CUT, REMOVE AND REPLACE PAVEMENT. PLUG IN ACCORDANCE WITH SECTION 355.
2. PLACE BACKFILL IN ACCORDANCE WITH SECTION 355.
3. BONDING MATERIAL SHALL BE AS SPECIFIED IN SECTION 708.



SECTION A-A

DETAIL NO.

212



**STANDARD DETAIL
ENGLISH**

UTILITY POTHOLE REPAIR

REVISED

01-01-2015

DETAIL NO.

212