

150.204 Install or Replace a Drive Pipe / Ditch Enclosure

A) Permitting

- a. Submit a Drive Pipe / Ditch Enclosure Permit Application to Village Clerk (with fees and deposit).
- b. Submit neat drawings of proposed work.

B) Village Fees

- a. Drive Pipe / Ditch Enclosure Permit Application fee required.
- b. Deposits are required to cover direct costs to the Village and provide money for the Village to correct sub-standard or incomplete work (within the R/W). Refer to the Village *Permits and Approvals Fee Schedule* for application and deposit fees.
- c. Deposits may be increased by the Village for complicated or larger projects.
- d. Unused deposits as determined by the Village will be returned upon the Village's approval of the work.

C) Village Standards

- a. Village will check existing roadway surface, adjacent yard and ditch elevations.
- b. The Village Engineer will determine suitability of ditch enclosure and drive pipe size/elevations. Ditch enclosure is not always possible.
- c. Village must approve installed pipe and pipe elevations and proposed pipe material.
- d. Unapproved pipe or installation must be removed or replaced at owner's expense.
- e. Disturbed areas shall be repaired as needed to ensure full germination within 60 calendar days.

D) Inspections

- a. Provide the Village 48 hour (2 business days) notice of work to allow scheduling of inspection.
- b. Inspection by Zoning Inspector or Village Engineer.
- c. Pre-installation inspection minimum.
- d. Inspection during placement possible.

VILLAGE OF MOGADORE
DRIVE PIPE / DITCH ENCLOSURE PERMIT

135 S. Cleveland Ave., Mogadore, OH 44260
Phone: 330-628-4896 Fax 330-628-5850



DATE: _____

APPLICANT NAME: _____

APPLICANT ADDRESS: _____

APPLICANT PHONE NUMBER: _____

CONTRACTOR PERFORMING WORK: _____

CONTRACTOR PHONE NUMBER: _____

PURPOSE OF ENCLOSURE: _____

PIPE DIAMETER: _____ MATERIAL: _____ LENGTH: _____

VILLAGE COMMENTS: _____

APPROVED: _____ PERMIT #: _____ DATE: _____

FEE: _____ DEPOSIT: _____ PAID: _____

INSPECTED: _____ DATE: _____

NOTE: VILLAGE INSPECTION FEES MAY BE REQUIRED. INSPECTION IS BASED ON THE TYPE AND DURATION OF THE WORK BEING PERFORMED. PLEASE ASK TO SEE IF INSPECTION WILL BE REQUIRED.

Application is made for permission to construct a driveway within a Village Right of Way as indicated and in accordance with the following conditions:

1. The applicant agrees to keep this permit on the work site and notify the Village a minimum of 48 hours in advance of any work. The applicant also understands that it is solely responsible to notify OHIO811 a minimum of 48 hours in advance of any excavation. The applicant agrees to notify the Village prior to covering any pipe for the purpose of inspection.
2. The applicant acknowledges that it is solely responsible to return the affected area to its original condition as soon as reasonably possible. That all work shall be done in accordance with Village rules and regulations; shall be first class in every manner and subject to village inspection and to the approval of authorized officer of the Village of Mogadore. All materials and work to conform to Mogadore's standard road details.
3. Applicant must submit a proposed traffic control plan in accordance with the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways. Coordinate daily traffic activities with the Village Fire Department. The work be protected with bracing, barricades and lights and that the applicant hereunder shall save the Village and its agents harmless from any and all damage or injury resulting from the prosecution of the work.
4. That the applicant waive any and all damage he may sustain by reason of the work allowed under this permit.
5. Failure to observe these rules will result in forfeiture of permit and remedy of conditions by Village's forces at owner's expense.
6. A deposit is required per the Village Schedule of Fees. Additional deposits may be required by the Engineer based on the type of work.

APPLICANT SIGNATURE: _____

SIDEWALK OR SEEDING & MULCHING, 4" TOPSOIL AND TYPE 1 SEED PER ODOT ITEM 659

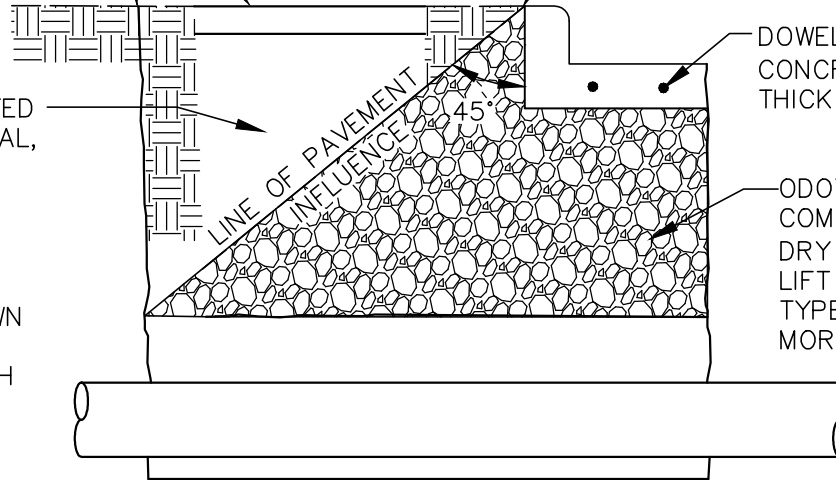
BACK OF CURB/EDGE OF PAVEMENT

SUITABLE COMPACTED EXCAVATED MATERIAL, 12" MAX LIFT

DOWEL (TYP) IF EXISTING CONCRETE MORE THAN 7" THICK

PAVEMENT NOTES:

1. THICKNESSES SHOWN ARE MINIMUM. CONTRACTOR TO MATCH EXISTING PAVEMENT.
2. ALL AGGREGATES SHALL BE CRUSHED, VIRGIN LIMESTONE.



ODOT ITEM 304, COMPACTED TO 95% MAX. DRY DENSITY- 6" MAX. LIFT OR ODOT ITEM 613, TYPE 1 LOW STRENGTH MORTAR.

TRENCH DETAIL

N.T.S.

EPOXY COATED 3/4" DOWEL, 18" LONG 12" C/C (CENTER IN SLAB) (6" MIN. FROM SIDES OF REPAIR). THE USE OF ODOT APPROVED EXPANSION ANCHOR HOOK BOLTS (712.01A) MAY ALSO BE USED. NO SELF DRILLING TAP ANCHORS ALLOWED.

BITUMINOUS SEALER PER ODOT ITEM 705.04, ALL SIDES. CUT 1 1/2" DEEP X 1/4" WIDE GROOVE TO ACCEPT JOINT SEAL.

REPLACE TO EXISTING JOINT IF JOINT IS WITHIN 3' OF REPAIR

DRILL 1" HOLE, 9" DEEP AND SECURE DOWELS WITH GROUT PER ODOT 705.20 BLOW OUT HOLES WITH COMPRESSED AIR PRIOR TO GROUTING. INSTALL GROUT RETENTION DISK PER ODOT DETAIL BP 2.5.

SAW CUT EACH SIDE

6"X6"X6 GA. WIRE FABRIC

O.D.O.T. ITEM 451, 9" MIN. THICKNESS, MATCH EXISTING WITH CLASS MS CONC.

1'-0" MIN. EACH SIDE

COMPACTED BEDDING PER UTILITY OR USE #57 OR #67 ANGULAR AGGREGATE. NO SLAG.

BACKFILL WITH ODOT ITEM 304, COMPACTED TO 95% MAX. DRY DENSITY - 6" MAX. LIFT OR ODOT ITEM 613, TYPE 1 LSM. EXTEND BEHIND CURB AT A 45° ANGLE. (SEE ABOVE)

d + 2' MIN.

NOTE: IF THE REPAIR IMPACTS AN EXISTING EXPANSION JOINT, THE JOINT MUST BE RE-ESTABLISHED.

TYPICAL SECTION FOR REPAIRING CONCRETE ROADS

N.T.S.

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 1
REVISION: 11/17/17

SIDEWALK OR SEEDING & MULCHING, 4" TOPSOIL AND TYPE 1 SEED PER ODOT ITEM 659

BACK OF CURB/EDGE OF PAVEMENT

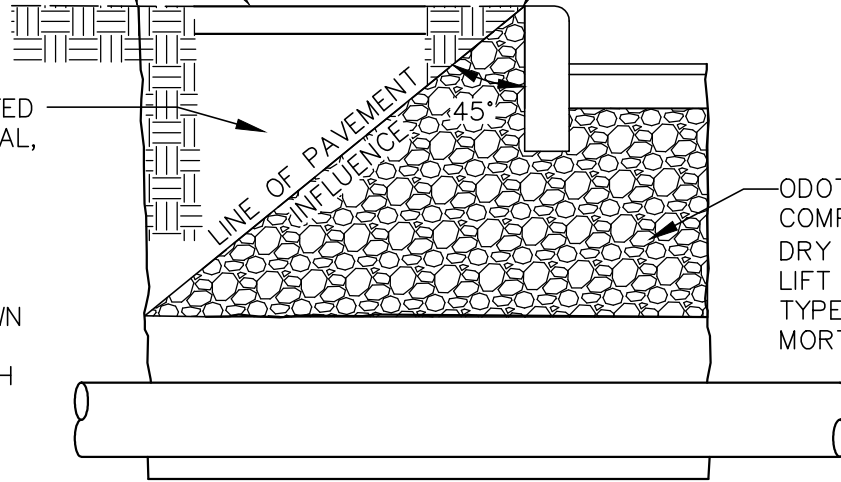
SUITABLE COMPACTED EXCAVATED MATERIAL, 12" MAX LIFT

LINE OF PAVEMENT
INFLUENCE
45°

ODOT ITEM 304, COMPACTED TO 95% MAX. DRY DENSITY— 6" MAX. LIFT OR ODOT ITEM 613, TYPE 1 LOW STRENGTH MORTAR.

PAVEMENT NOTES:

1. THICKNESSES SHOWN ARE MINIMUM. CONTRACTOR TO MATCH EXISTING PAVEMENT.
2. ALL AGGREGATES SHALL BE CRUSHED, VIRGIN LIMESTONE.



TRENCH DETAIL
N.T.S.

BITUMINOUS SEALER PER ODOT ITEM 705.04 (ALL SIDES)

1 1/2" ODOT ITEM 448, TYPE 1, ASPHALT CONCRETE SURFACE COURSE

6" ODOT ITEM 301 ASPHALT CONCRETE BASE (USE FOR RESIDENTIAL STREETS OR WITH LSM BACKFILL)

8" ODOT ITEM 305 BASE (MAIN ROADS)

6" ODOT ITEM 304 AGGREGATE BASE (NOT REQUIRED WITH LSM BACKFILL)

ODOT ITEM 407 TACK COAT @ 0.1 GAL/SQ.YD.

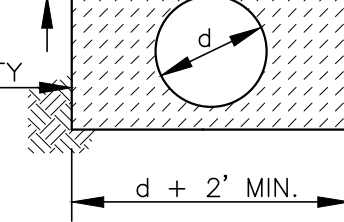
SAW CUT EACH SIDE

12" MAX

1'-0" MIN. EACH SIDE

COMPACTED BEDDING PER UTILITY OR USE #57 OR #67 ANGULAR AGGREGATE. NO SLAG.

BACKFILL WITH ODOT ITEM 304, COMPACTED TO 95% MAX. DRY DENSITY — 6" MAX. LIFT OR ODOT ITEM 613, TYPE 1 LSM. EXTEND BEHIND CURB AT A 45° ANGLE. (SEE ABOVE)



TYPICAL SECTION FOR REPAIRING ASPHALT SURFACE AND ASPHALT BASE ROADS

N.T.S.

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 2
REVISION: 11/17/17

SIDEWALK OR SEEDING & MULCHING, 4" TOPSOIL AND TYPE 1 SEED PER ODOT ITEM 659

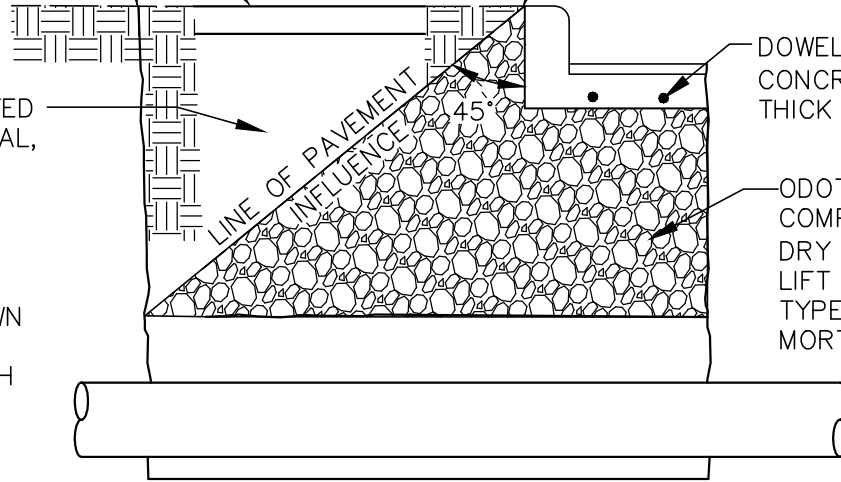
BACK OF CURB/EDGE OF PAVEMENT

SUITABLE COMPACTED EXCAVATED MATERIAL, 12" MAX LIFT

DOWEL (TYP) IF EXISTING CONCRETE MORE THAN 7" THICK

PAVEMENT NOTES:

1. THICKNESSES SHOWN ARE MINIMUM. CONTRACTOR TO MATCH EXISTING PAVEMENT.
2. ALL AGGREGATES SHALL BE CRUSHED, VIRGIN LIMESTONE.



TRENCH DETAIL

N.T.S.

ODOT ITEM 402 TACK COAT @ 0.1 GAL./SQ. YD.

1 1/2" ODOT ITEM 448, TYPE 1, ASPHALT CONCRETE SURFACE COURSE

BITUMINOUS SEALER PER ODOT ITEM 705.04 (ALL SIDES)

8" ODOT ITEM 305 PORTLAND CEMENT, TYPE MS CONCRETE BASE

EPOXY COATED 3/4" DOWEL, 18" LONG 12" C/C (CENTER IN SLAB) (6" MIN. FROM SIDES OF REPAIR). THE USE OF ODOT APPROVED EXPANSION ANCHOR HOOK BOLTS (712.01A) MAY ALSO BE USED. NO SELF DRILLING TAP ANCHORS ALLOWED.

6"X6"X6 GA. WIRE FABRIC

DRILL 1" HOLE, 9" DEEP AND SECURE DOWELS WITH GROUT PER ODOT 705.20 BLOW OUT HOLES WITH COMPRESSED AIR PRIOR TO GROUTING. INSTALL GROUT RETENTION DISK PER ODOT DETAIL BP 2.5.

SAW CUT EACH SIDE

12" MAX

1'-0" MIN. EACH SIDE

COMPACTED BEDDING PER UTILITY OR USE #57 OR #67 ANGULAR AGGREGATE. NO SLAG.

BACKFILL WITH ODOT ITEM 304, COMPACTED TO 95% MAX. DRY DENSITY - 6" MAX. LIFT OR ODOT ITEM 613, TYPE 1 LSM. EXTEND BEHIND CURB AT A 45° ANGLE. (SEE ABOVE)

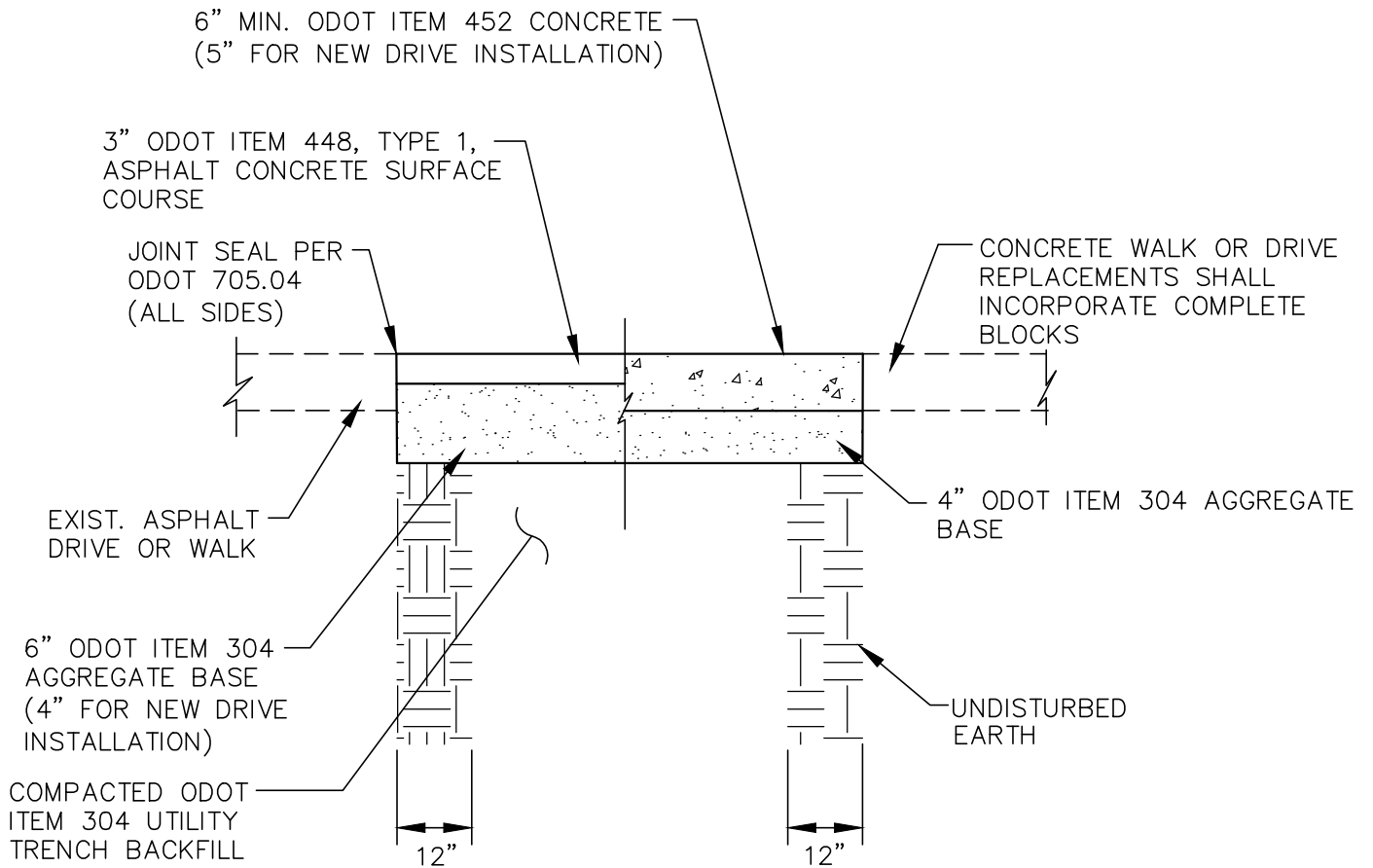
d + 2' MIN.

NOTE: IF THE REPAIR IMPACTS AN EXISTING EXPANSION JOINT, THE JOINT MUST BE RE-ESTABLISHED PER THE CUYAHOGA COUNTY ENGINEER'S DETAIL BP-2.5C, JOINT TYPE X.

ASPHALT SURFACE OVER CEMENT CONCRETE BASE ROAD

N.T.S.

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 3
REVISION: 11/17/17



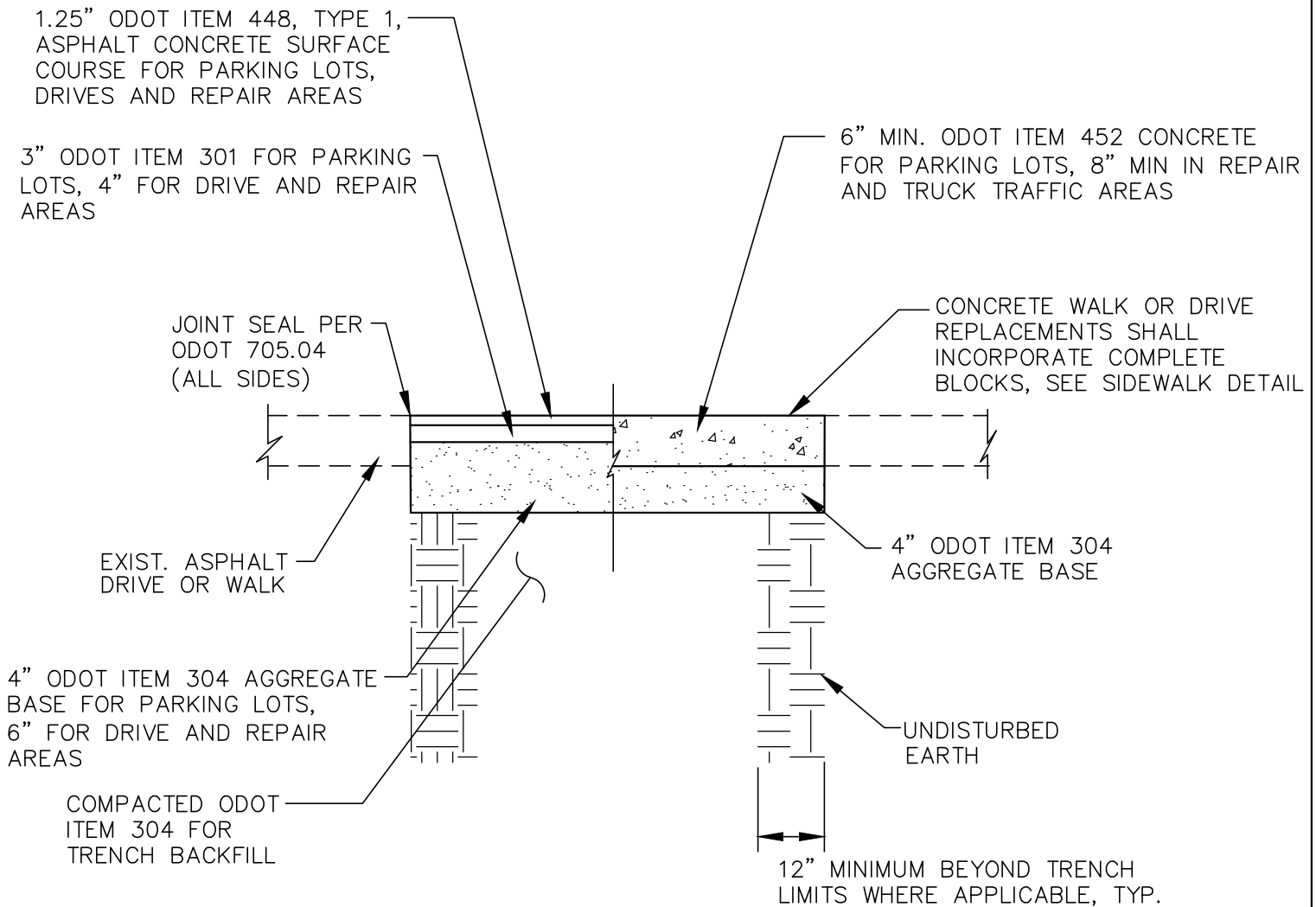
GENERAL PAVEMENT NOTE:

1. WHERE EDGES OF REPLACED SECTION EXTENDS WITHIN 2'-0" OF DRIVEWAY EDGE, PAVEMENT IS TO BE REPLACED TO DRIVEWAY EDGE.
2. THICKNESSES SHOWN ARE MINIMUM. CONTRACTOR TO MATCH EXISTING PAVEMENT.
3. ALL AGGREGATES SHALL BE CRUSHED, VIRGIN LIMESTONE.
4. CONCRETE TO HAVE 4,500 PSI, 28 DAY COMPRESSIVE STRENGTH; DO NOT ADD EXCESS WATER.

RESIDENTIAL ASPHALT OR CONCRETE DRIVEWAY REPAIR

N.T.S

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 4
REVISION: 11/17/17



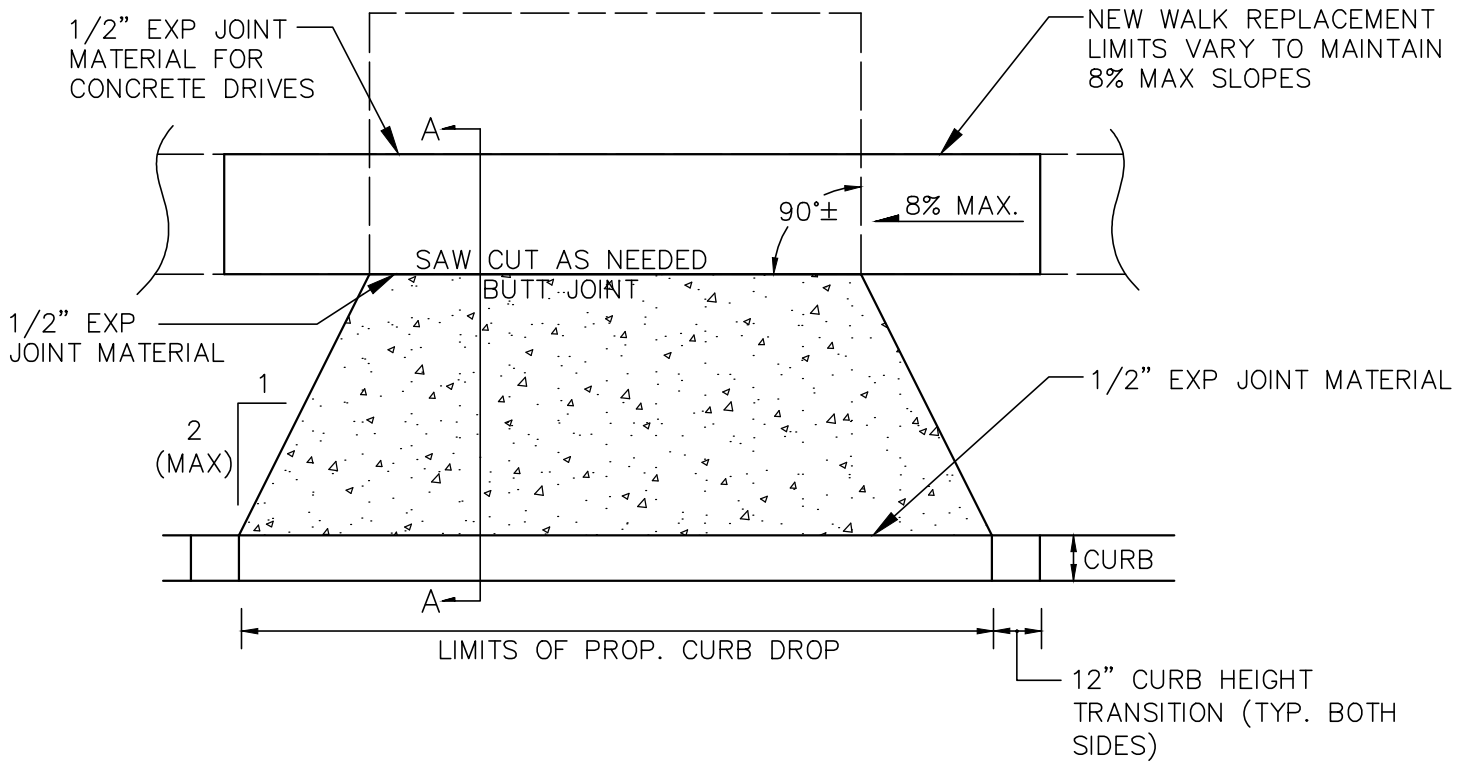
GENERAL PAVEMENT NOTE:

1. THICKNESSES SHOWN ARE MINIMUM. CONTRACTOR TO MATCH EXISTING PAVEMENT IN REPAIR AREAS.
2. ALL AGGREGATES SHALL BE CRUSHED, VIRGIN LIMESTONE.
3. ALL PAVEMENT INSTALLATION/REPAIR SHALL BE WITNESSED BY THE LOCAL INSPECTOR. A PROOFROLL USING A TRI-AXLE TRUCK LOADED WITH 15 TONS OF STONE WILL BE REQUIRED FOR AREAS LARGER THAN 300 S.F.

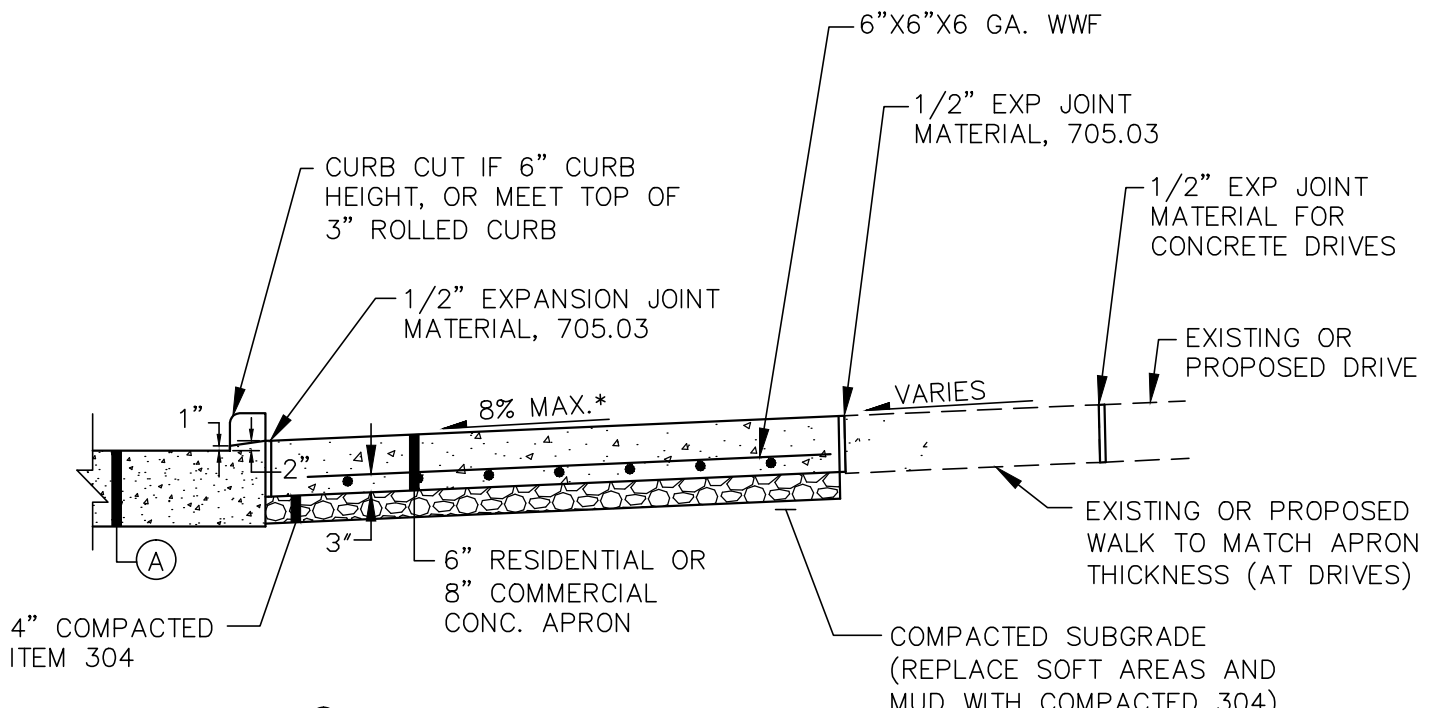
COMMERCIAL ASPHALT OR CONCRETE PARKING LOTS

N.T.S

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 5
REVISION: 11/17/17



DRIVEWAY APRON
N.T.S.

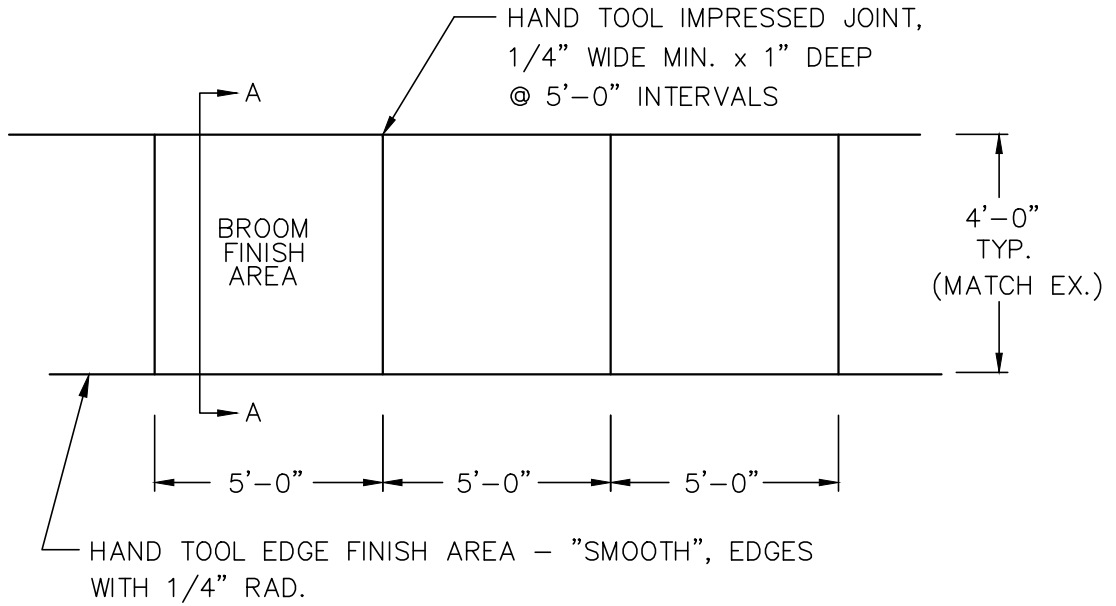


Ⓐ PAVEMENT - SEE PAVEMENT REPAIR
DETAILS FOR SECTION COMPOSITION

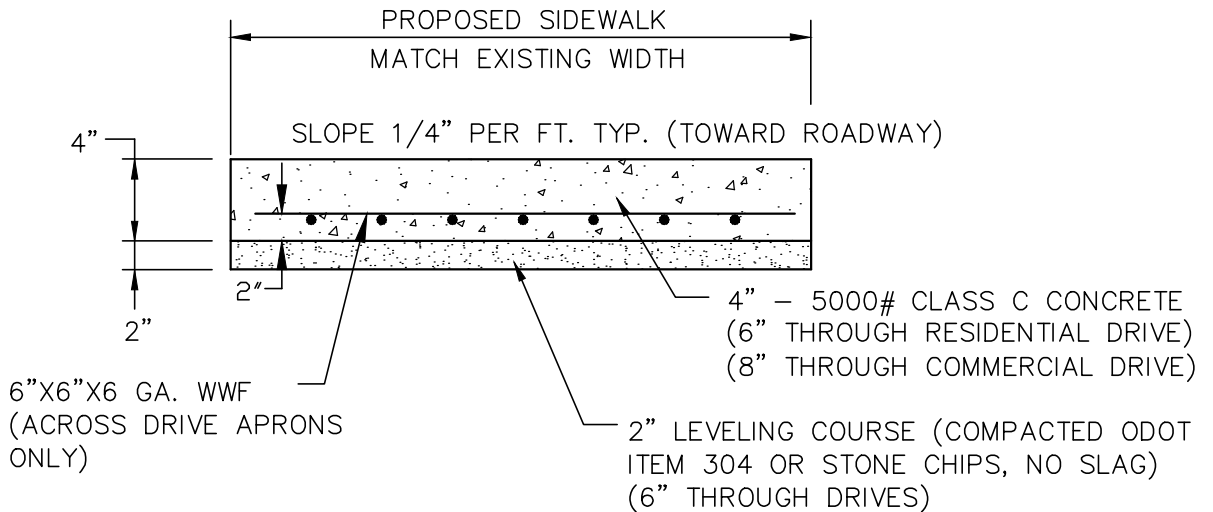
*SITE PLAN AND DRIVE
SLOPES TO BE
COORDINATED TO MAINTAIN
SLOPES LESS THAN 8%

CURB DROP DETAIL, A-A
N.T.S.

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 6
REVISION: 11/17/17



PLAN VIEW
NOT TO SCALE

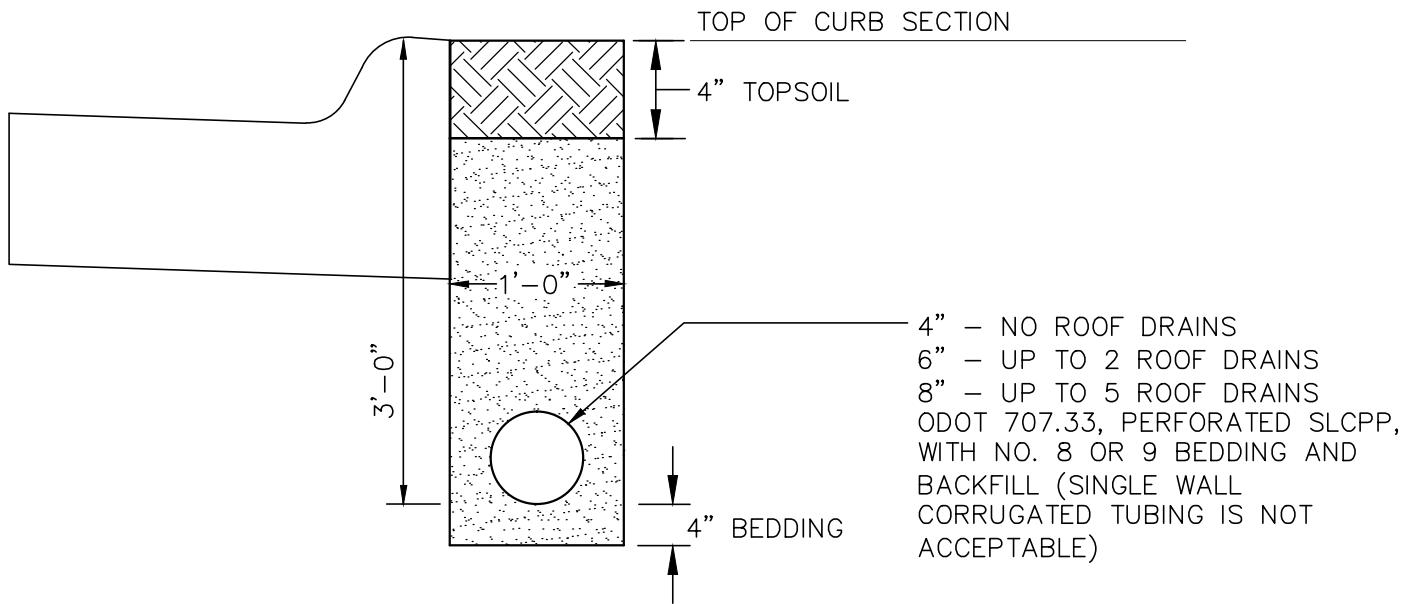


A SECTION
A NOT TO SCALE

NOTE: EXPANSION JOINT SHALL BE PLACED AT FIFTY FOOT (50') INTERVALS AND SCORE MARKS SHALL BE AT FIVE FOOT (5') INTERVALS. CONSTRUCTION SHALL BE IN ACCORDANCE WITH O.D.O.T. ITEM 608. EXPANSION MATERIAL SHALL BE 1/4" THICK (MIN) AND CONFIRM TO ODOT 705.03.

CONCRETE SIDEWALK
N.T.S

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 7
REVISION: 11/17/17

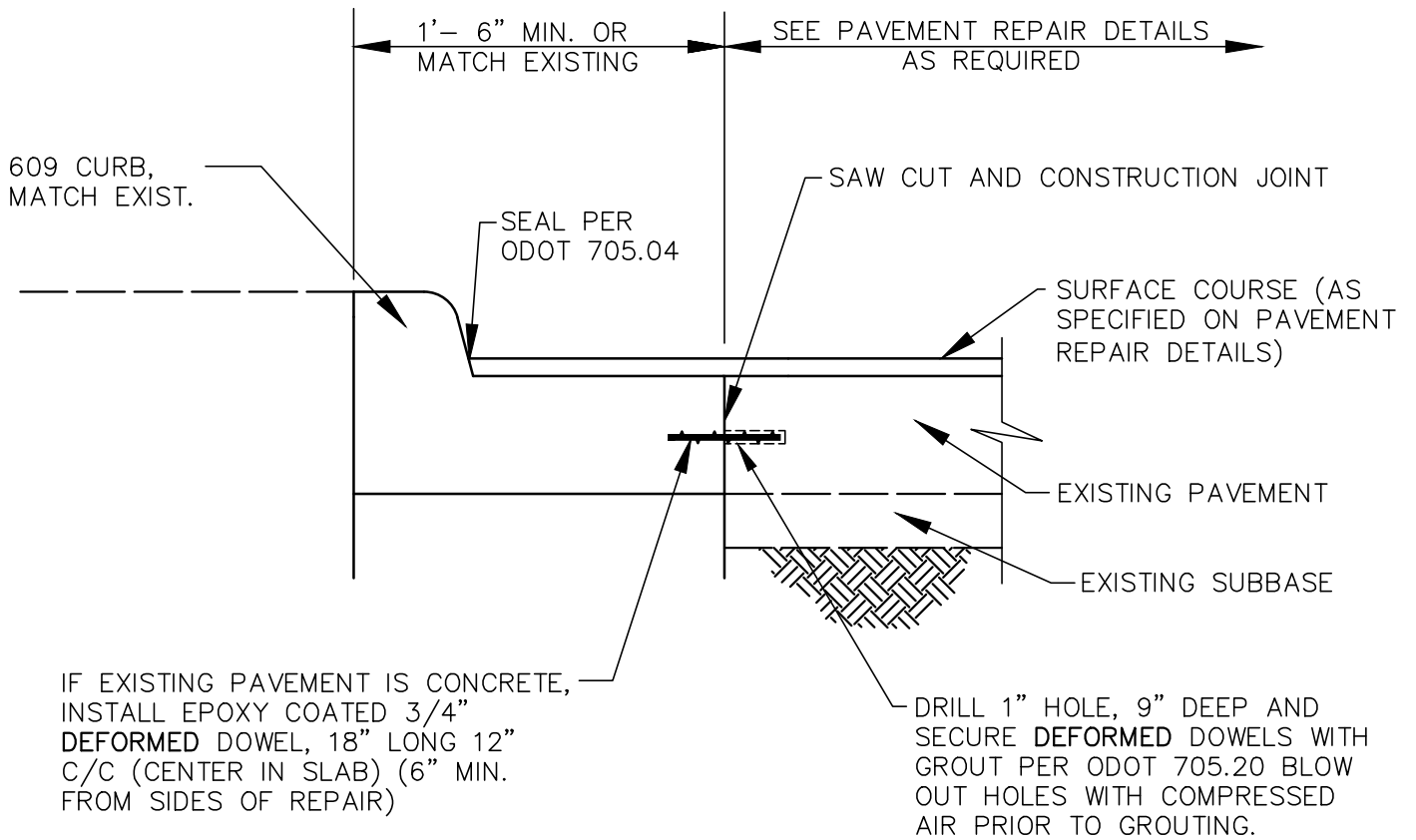


NOTE: UNDERDRAIN MAY BE LOCATED DIRECTLY UNDER CURB. USE HEAVY DUTY FERNCO STYLE REPAIR COUPLINGS WITH STAINLESS STEEL BAND CLAMPS. MAINTAIN FLOWLINE OF EXISTING UNDERDRAIN IF REPAIRED.

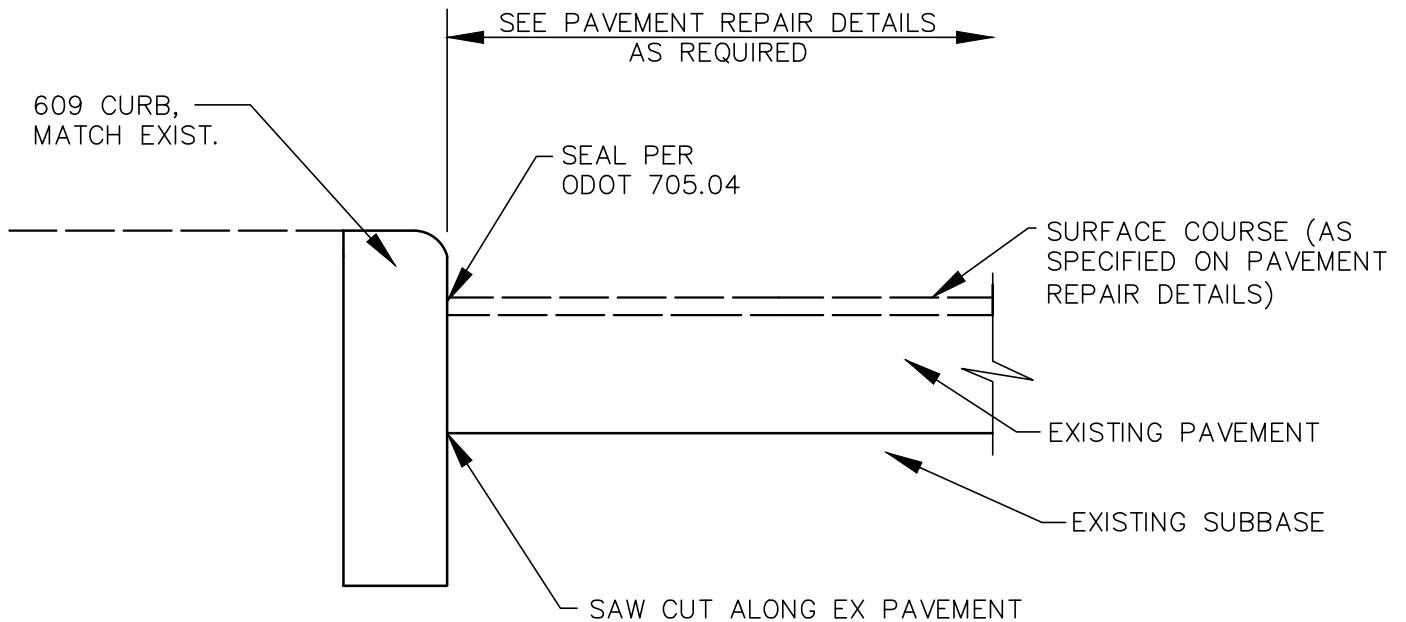
UNDERDRAIN DETAIL

N.T.S

VILLAGE OF MOGADORE
 STANDARD DRAWING ROAD 8
 REVISION: 11/17/17



INTEGRAL CONCRETE CURB REPAIR DETAIL
N.T.S.



6" X 18" CONCRETE CURB REPAIR DETAIL
N.T.S.

VILLAGE OF MOGADORE
STANDARD DRAWING ROAD 9
REVISION: 11/17/17