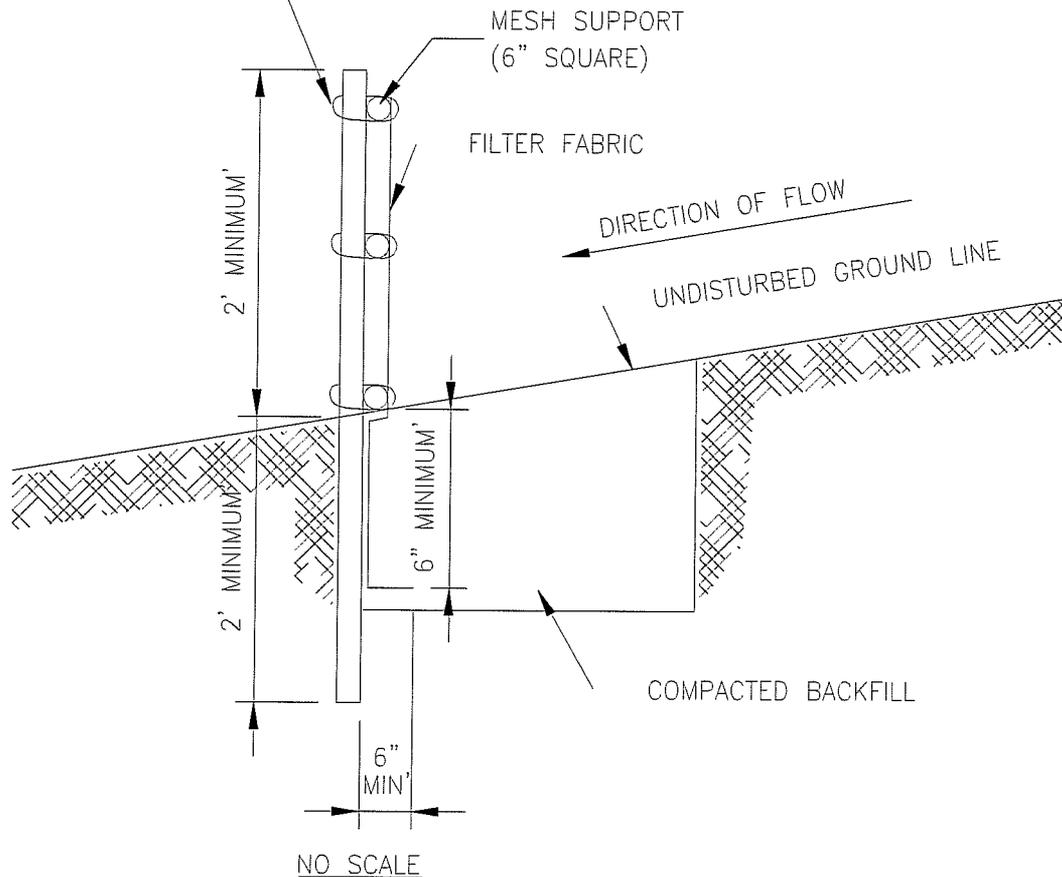


FASTENER (TYP.) MINIMUM
NO. 9 GAGE WIRE (3
EACH PER POST)



NOTES:

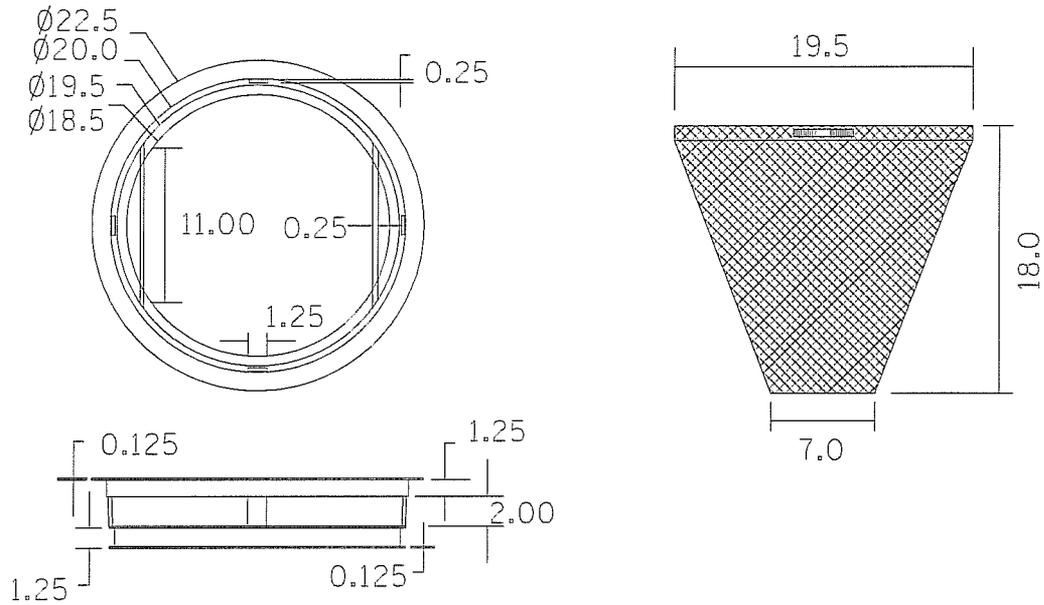
1. TOP AND BOTTOM WIRES OF MESH SUPPORT SHALL BE MINIMUM GAGE NO. 9
2. INTERMEDIATE WIRES OF MESH SUPPORTS SHALL BE MINIMUM GAGE NO. 11
3. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING.
4. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF ILLINOIS URBAN MANUAL MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS T WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
5. FENCE POST SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM SECTIONAL AREA OF 3.0 SQUARE INCHES.
6. THE MESH SUPPORT MAY BE OMITTED IF A MAXIMUM OF 5 FEET IS USED FOR POST SPACING, OTHERWISE, POST SPACING MAY BE UP TO TEN FEET.

VILLAGE OF OAK LAWN
STANDARD DETAIL

SILT FENCE
DATE: DEC 2009



TYPICAL ROUND INLET PROTECTOR



NOTES:

FRAME: Top ring constructed from 1 1/4" x 1 1/4" x 1/8" angle. Base ring fabricated from 1 1/2" x 1/2" x 1/8" channel. Handles and suspension brackets constructed from 1/4" x 1/4" flat. All steel conforming to ASTM-A36.

REPLACEABLE BAG: Constructed from 4 oz./sq.yd. non-woven polypropylene geotextile reinforced with polyester mesh. Connected to base ring with stainless steel strap and lock.

INLET FILTERS

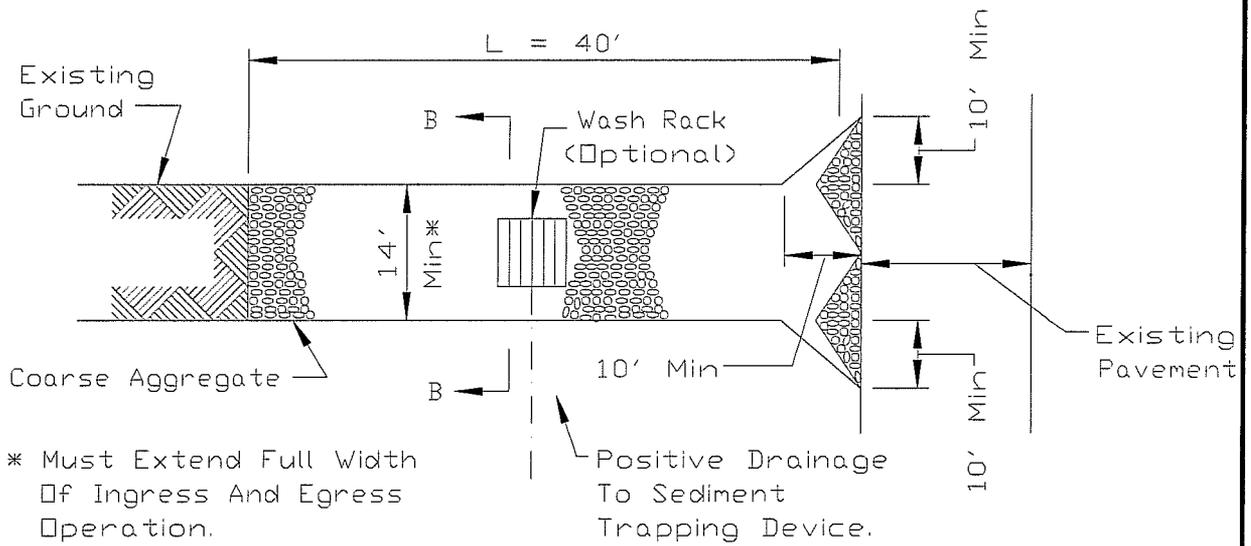
NOT TO SCALE

VILLAGE OF OAK LAWN
STANDARD DETAIL

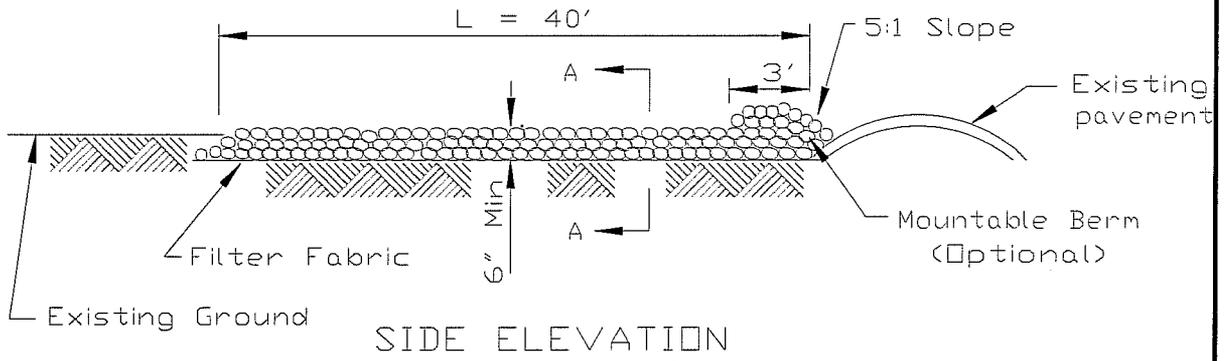
INLET FILTER BASKET
DATE: DEC 2009



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PLAN VIEW



SIDE ELEVATION

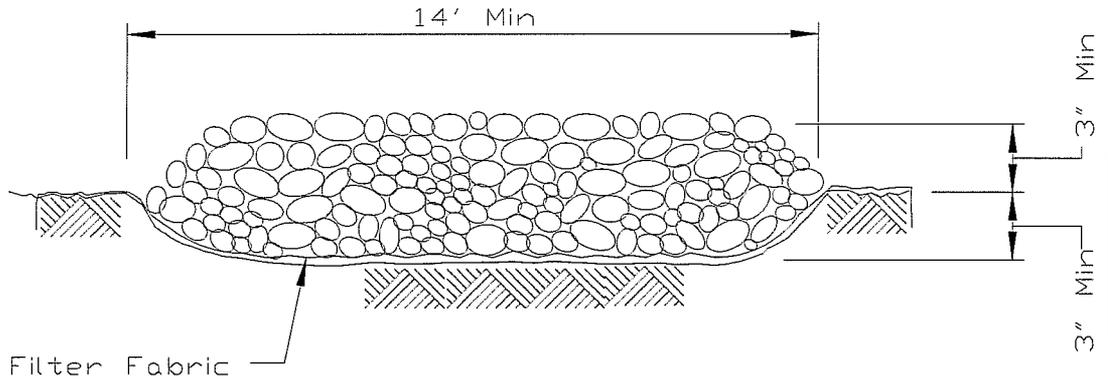
NOTES:

1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

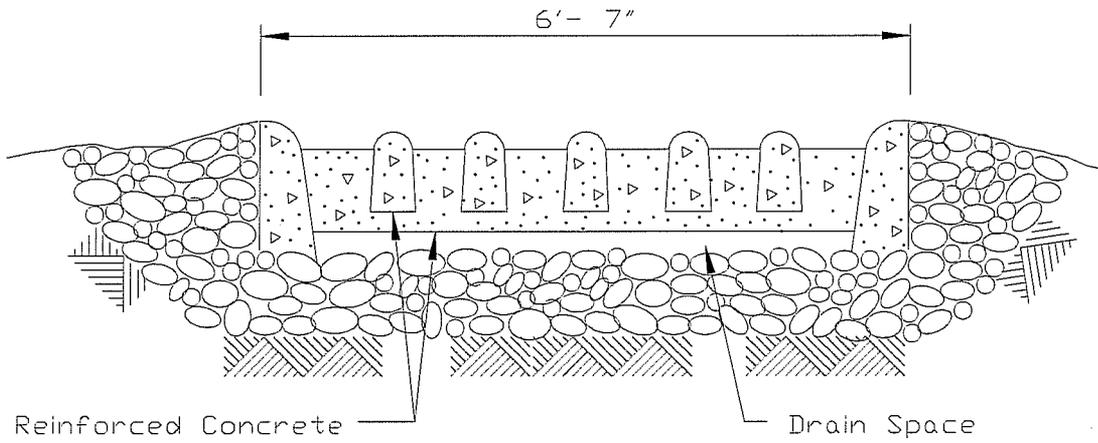
VILLAGE OF OAK LAWN
STANDARD DETAIL

STABILIZED CONSTRUCTION
ENTRANCE PLAN
DATE: DEC 2009





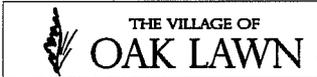
SECTION A-A

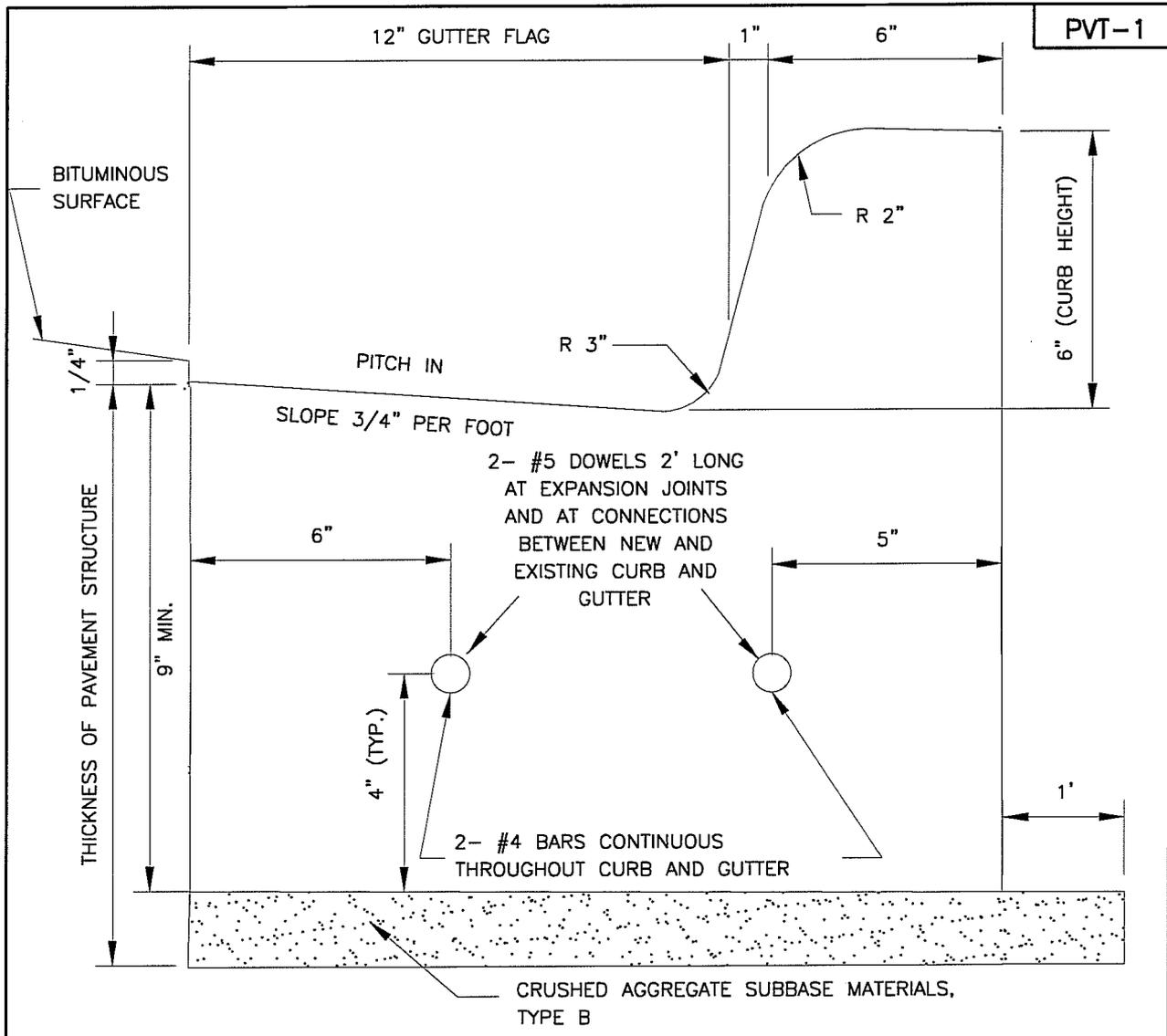


SECTION B-B

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VILLAGE OF OAK LAWN
 STANDARD DETAIL
 STABILIZED CONSTRUCTION
 ENTRANCE PLAN
 DATE: DEC 2009





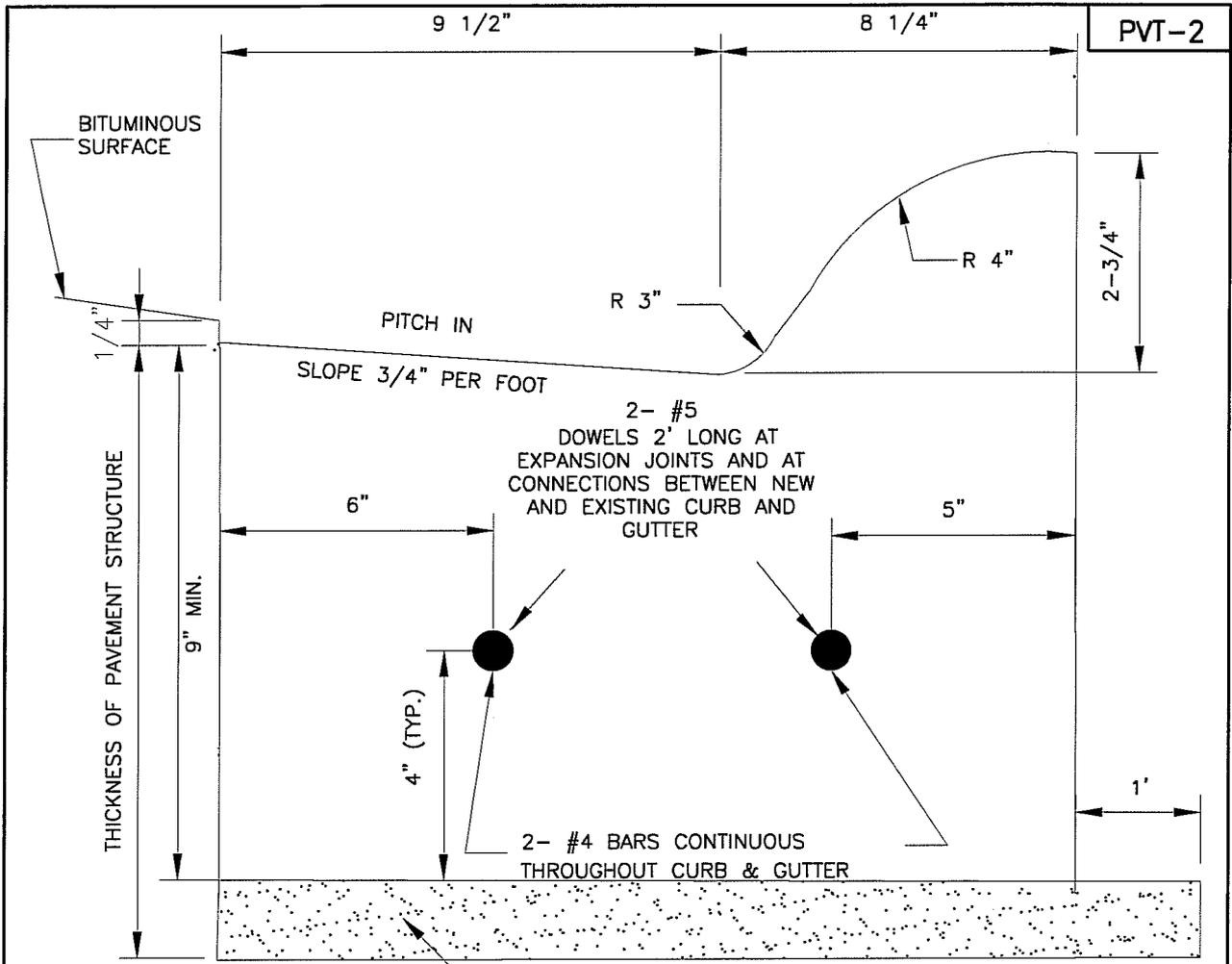
NOT TO SCALE

NOTES:

1. ALL CURB AND GUTTER SHALL BE CONSTRUCTED WITH IDOT CLASS SI CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 14 DAYS. PROVIDE AND TEST 3 CYLINDERS FOR EACH DAY'S POUR, OR 50 CUBIC YARDS, WHICHEVER IS LESS.
2. CONTRACTION JOINTS SHALL BE SAW-CUT AT 20' INTERVALS AND CAULKED.
3. PREFORMED EXPANSION JOINTS, 3/4" THICK, SHALL BE PLACED FIVE FEET EITHER SIDE OF STORM STRUCTURES IN CURB AND GUTTER, AT CURB RETURNS AND AT POINTS OF CURVATURE, AT ALL CONNECTIONS BETWEEN NEW AND EXISTING CURB AND GUTTER, AND AT 100' INTERVALS ON TANGENTS.
4. CURB AND GUTTER AT STORM STRUCTURES SHALL BE BOXED-OUT AND HAND-FORMED BETWEEN EXPANSION JOINTS. FORMS SHALL BE PLACED AND INSPECTED BY VILLAGE PRIOR TO POURING CONCRETE. STRUCTURE FRAMES SHALL BE PLACED AND ADJUSTED PRIOR TO THIS INSPECTION.
5. THE FOLLOWING SHALL BE STAMPED IN THE CURB AT THE INDICATED LOCATIONS:
 - "W" FOR WATER SERVICES
 - "S" FOR SANITARY SEWER SERVICES
 - "ST" FOR STORM SEWER SERVICES
 - "CO" FOR STORM SEWER SERVICE LINE CLEAN-OUTS
6. DOWELS AT EXPANSION JOINTS SHALL BE CENTERED ON THE JOINT (DRILLED INTO EXISTING CURB AND GUTTER), AND SHALL BE INSTALLED WITH GREASE CAPS ON ONE SIDE.

VILLAGE OF OAK LAWN
 STANDARD DETAIL
 CONCRETE CURB &
 GUTTER
 TYPE B-6.12
 DATE: DEC 2009





2- #5
DOWELS 2' LONG AT
EXPANSION JOINTS AND AT
CONNECTIONS BETWEEN NEW
AND EXISTING CURB AND
GUTTER

2- #4 BARS CONTINUOUS
THROUGHOUT CURB & GUTTER

CRUSHED AGGREGATE SUBBASE MATERIALS, TYPE B

NOT TO SCALE

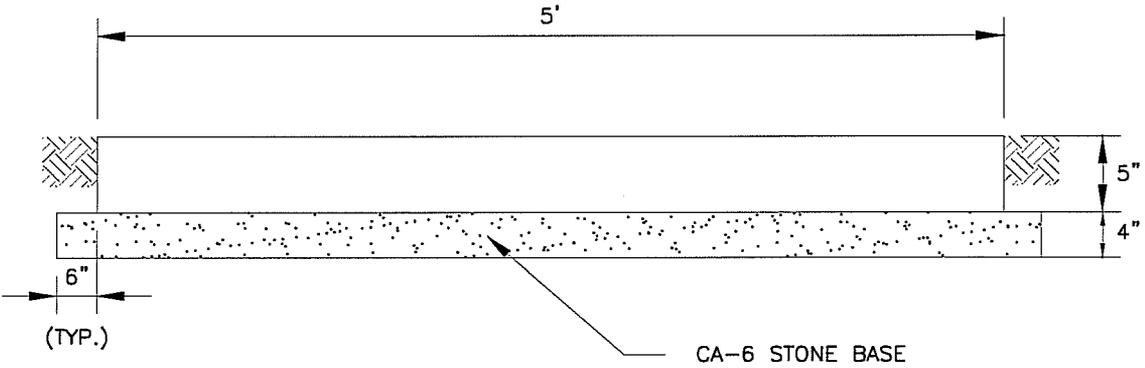
NOTES:

1. ALL CURB AND GUTTER SHALL BE CONSTRUCTED WITH IDOT CLASS SI CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 14 DAYS. PROVIDE AND TEST 3 CYLINDERS FOR EACH DAY'S POUR, OR 50 CUBIC YARDS, WHICHEVER IS LESS.
2. CONTRACTION JOINTS SHALL BE SAW-CUT AT 20' INTERVALS AND CAULKED.
3. PREFORMED EXPANSION JOINTS, 3/4" THICK, SHALL BE PLACED FIVE FEET EITHER SIDE OF STORM STRUCTURES IN CURB AND GUTTER, AT CURB RETURNS AND AT POINTS OF CURVATURE, AT ALL CONNECTIONS BETWEEN NEW AND EXISTING CURB AND GUTTER, AND AT 100' INTERVALS ON TANGENTS.
4. CURB AND GUTTER AT STORM STRUCTURES SHALL BE BOXED-OUT AND HAND-FORMED BETWEEN EXPANSION JOINTS. FORMS SHALL BE IN PLACE AND INSPECTED BY VILLAGE PRIOR TO POURING CONCRETE. STRUCTURE FRAMES SHALL BE PLACED AND ADJUSTED PRIOR TO THIS INSPECTION.
5. THE FOLLOWING SHALL BE STAMPED IN THE CURB AT THE INDICATED LOCATIONS:
 - "W" FOR WATER SERVICES
 - "S" FOR SANITARY SEWER SERVICES
 - "ST" FOR STORM SEWER SERVICES
 - "CO" FOR STORM SEWER SERVICE LINE CLEAN-OUTS
6. DOWELS AT EXPANSION JOINTS SHALL BE CENTERED ON THE JOINT (DRILLED INTO EXISTING CURB AND GUTTER), AND SHALL BE INSTALLED WITH GREASE CAPS ON ONE SIDE.

VILLAGE OF OAK LAWN
STANDARD DETAIL

CONCRETE CURB &
GUTTER
TYPE M-3.12
DATE: DEC 2009





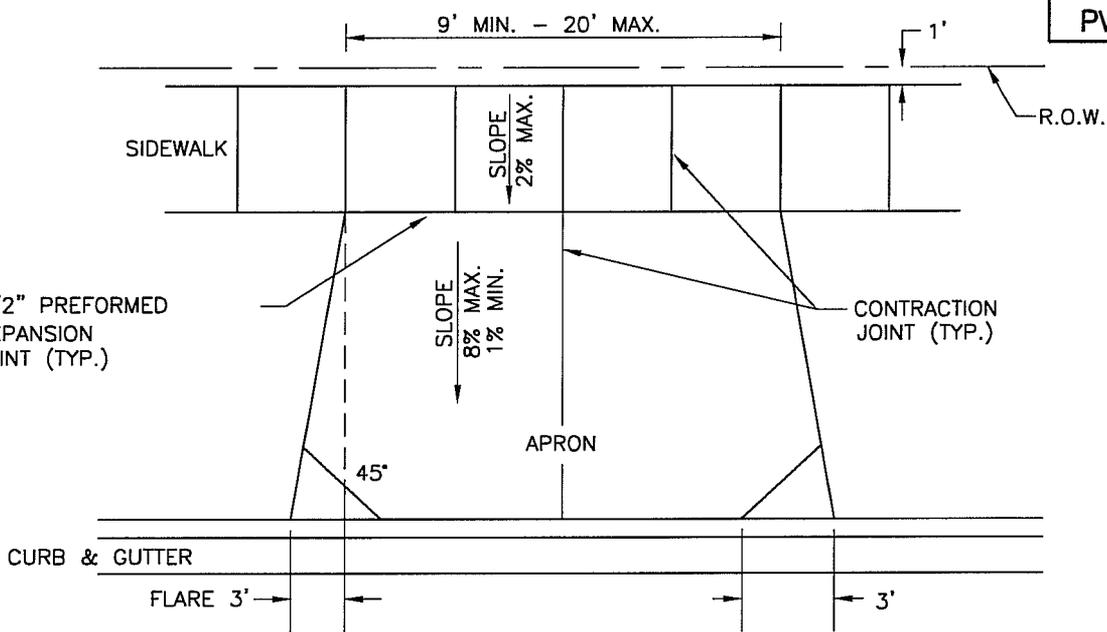
NOTES:

- 1. ALL SIDEWALK SHALL BE CONSTRUCTED WITH IDOT CLASS "SI" CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 14 DAYS
- 2. PREFORMED EXPANSION JOINTS ($\frac{3}{4}$ " THICK) SHALL BE CONSTRUCTED IN SIDEWALK EVERY 100 FEET AND AT ALL ABUTTING DRIVEWAYS AND CURB AND GUTTER.
- 3. TOOLED CONTRACTION JOINTS SHALL BE CONSTRUCTED IN SIDEWALK EVERY FIVE FEET.
- 4. SIDEWALK SHALL HAVE $\frac{1}{4}$ " PER FOOT CROSS-SLOPE.
- 5. INSTALLATION OF SIDEWALK SHALL BE THROUGH DRIVEWAY APRON AND SHALL TAKE PRECEDENCE OVER THE APRON.
- 6. FORMBOARD REQUIREMENTS: MINIMUM 2" X 6".
- 7. AT DRIVEWAYS, SIDEWALK PCC AND BASE THICKNESS SHALL MATCH THAT OF THE DRIVEWAY AND FOR MULTI-FAMILY, COMMERCIAL, AND INDUSTRIAL PROPERTIES.

VILLAGE OF OAK LAWN
STANDARD DETAIL

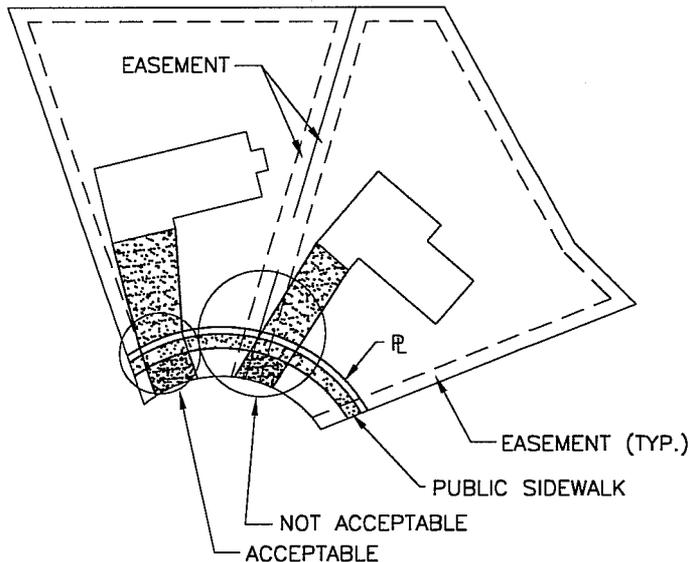
SIDEWALK
DATE: DEC 2009



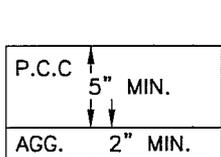


NOTES:

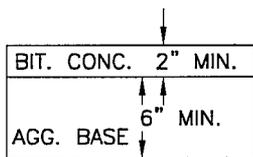
1. DRIVEWAYS SHALL NOT ENCROACH OVER THE PROPERTY LINE EXTENSION IN THE PARKWAY.
2. DRIVEWAYS SHALL NOT BE CONSTRUCTED IN EASEMENTS.
3. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
4. IF DRIVEWAY LEADS TO A 3-CAR GARAGE, THE MAXIMUM WIDTH MAY BE INCREASED TO 30 FEET



DRIVEWAYS (AND SIDEWALKS THROUGH DRIVEWAYS)



CONVENTIONAL CONCRETE



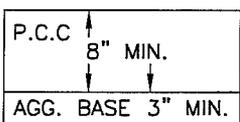
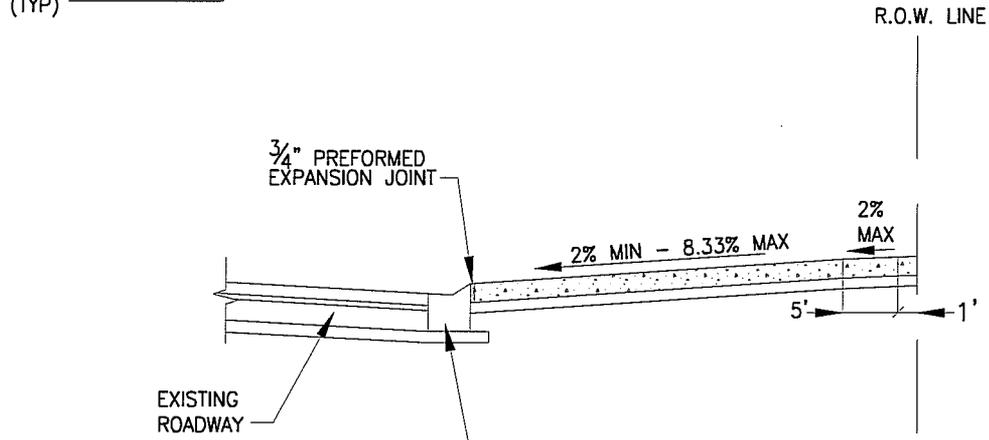
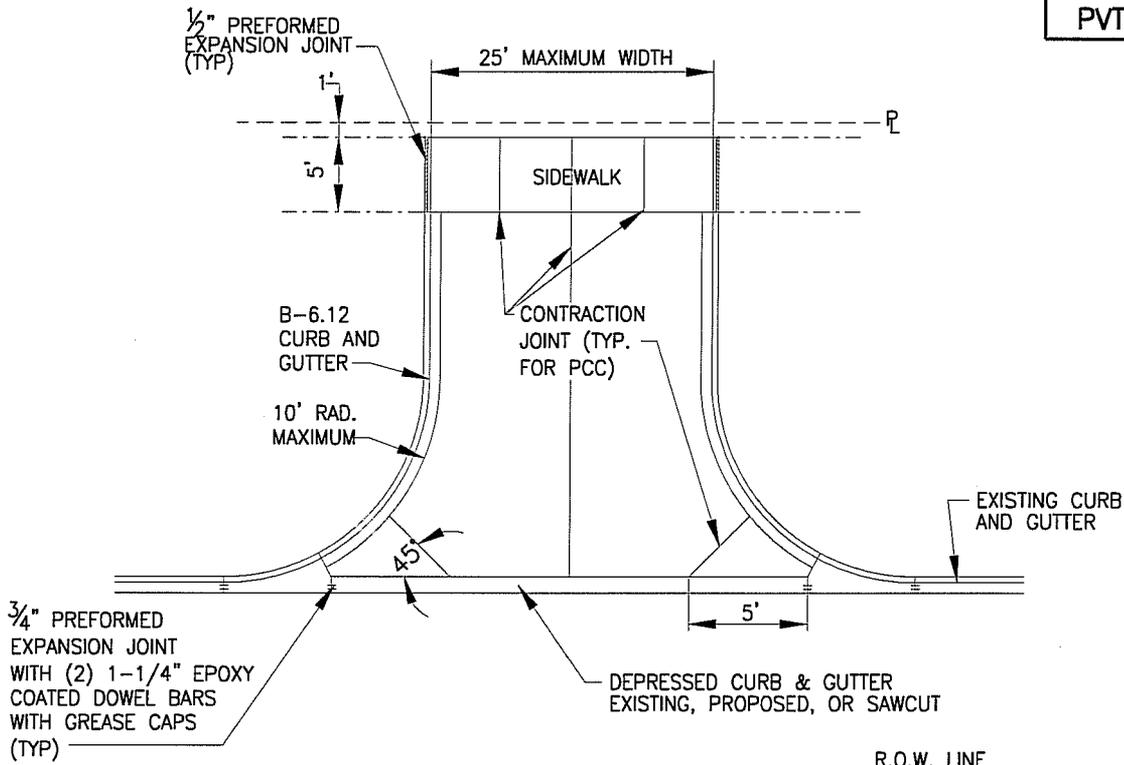
BITUMINOUS PAVEMENT

VILLAGE OF OAK LAWN
STANDARD DETAIL

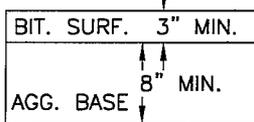
TYPICAL SINGLE FAMILY
OR TWO-FAMILY
DRIVEWAY

DATE: DEC 2009





CONVENTIONAL
CONCRETE



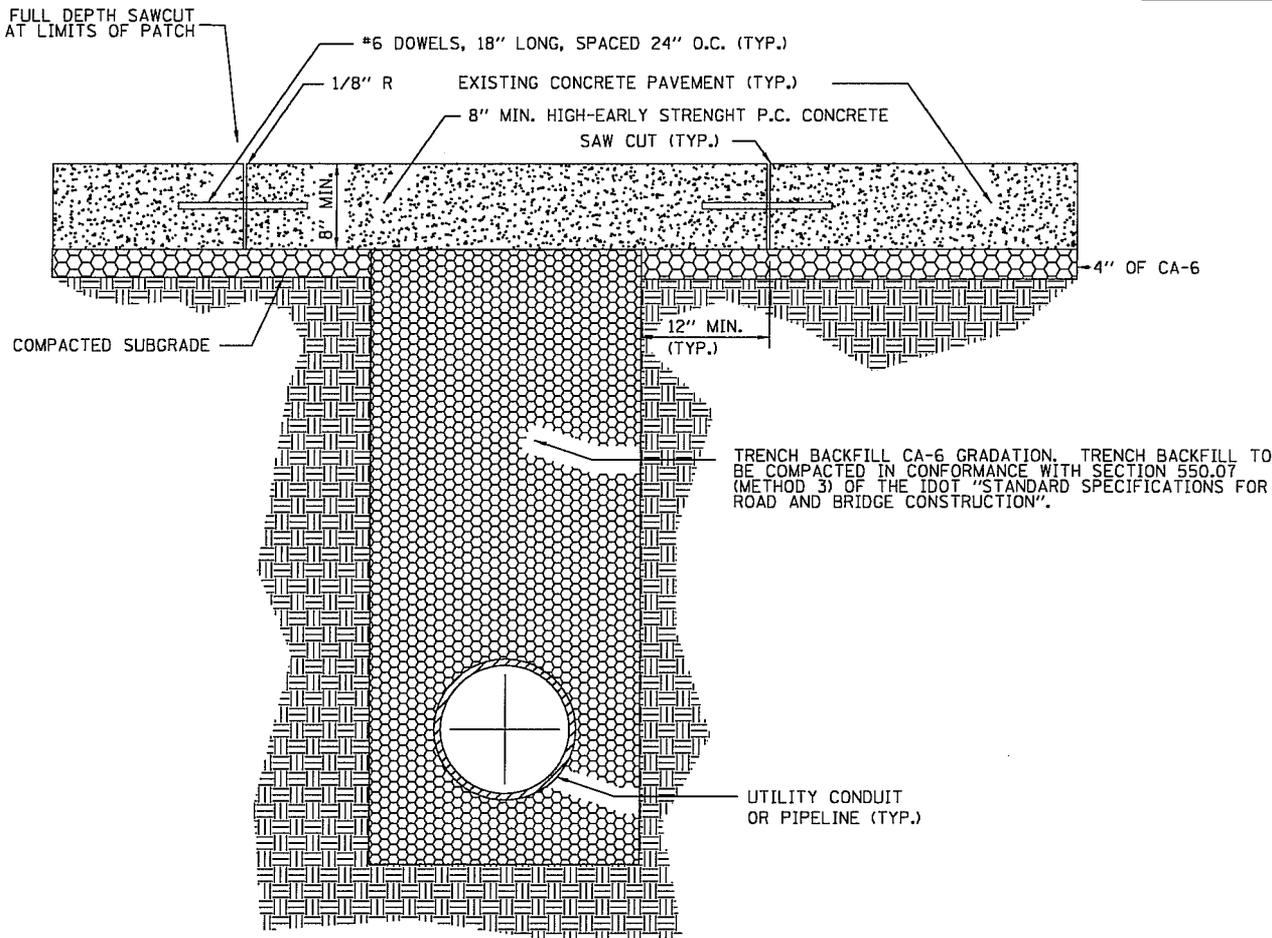
BITUMINOUS
PAVEMENT

- NOTES:
1. ALL CONCRETE SHALL BE IDOT CLASS "SI" CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 14 DAYS.
 2. THE SUBGRADE SHALL BE STABLE AND MECHANICALLY COMPACTED.
 3. ALL AGGREGATE SUBBASE SHALL BE MECHANICALLY COMPACTED.
 4. CONCRETE AND BASE THICKNESS OF SIDEWALK THRU DRIVEWAY SHALL MATCH THAT OF DRIVEWAY.

VILLAGE OF OAK LAWN
STANDARD DETAIL
MULTI-FAMILY,
COMMERCIAL, OFFICE,
AND INDUSTRIAL
ENTRANCE
DATE: DEC 2009



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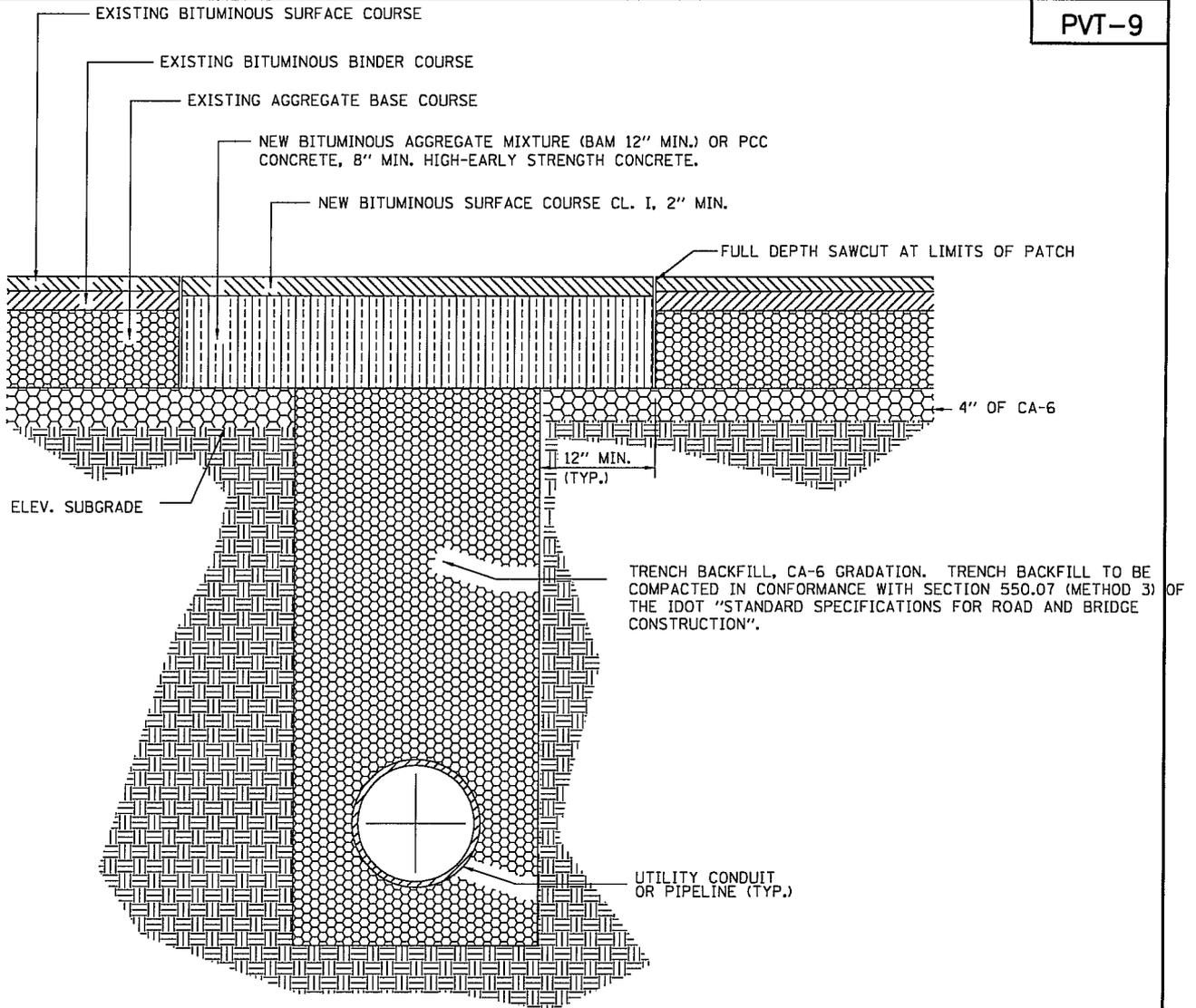
GENERAL NOTES:

1. PAVEMENT SHALL NOT BE OPENED WITHOUT FIRST RECEIVING A PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS.
2. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6 GRADATION) AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOIL OR EXCAVATED MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
3. PRIOR TO THE PLACING OF P.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAWCUT FULL DEPTH TO PROVIDE A SMOOTH, CLEAN VERTICAL EDGE, FREE OF LOOSE MATERIAL.
4. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS, AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES, A ONE-INCH (1") STEEL PLATE SHALL BE PLACED AND MAINTAINED BY THE CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLACE SHALL BE PROTECTED FROM SLIDING AND TRANSITIONED WITH BITUMINOUS RAMPS AS REQUIRED. BARRICADES AND STEEL PLATES SHALL BE PRESENT AT THE WORK SITE PRIOR TO THE ROAD OPENING.
5. MINIMUM WIDTH OF A CONCRETE PATCH SHALL BE 4.0 FEET.

VILLAGE OF OAK LAWN
STANDARD DETAIL

PAVEMENT RESTORATION
RIGID PAVEMENT
UTILITY TRENCH
DATE: DEC 2009





GENERAL NOTES:

1. PAVEMENT SHALL NOT BE OPENED WITHOUT FIRST RECEIVING A PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS.
2. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6 GRADATION) AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOIL OR EXCAVATED MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
3. PRIOR TO THE PLACING OF P.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAWCUT FULL DEPTH TO PROVIDE A SMOOTH, CLEAN VERTICAL EDGE, FREE OF LOOSE MATERIAL.
4. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS, AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES, A ONE-INCH (1") STEEL PLATE SHALL BE PLACED AND MAINTAINED BY THE CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND TRANSITIONED WITH BITUMINOUS RAMPS AS REQUIRED. BARRICADES AND STEEL PLATES SHALL BE PRESENT AT THE WORK SITE PRIOR TO THE ROAD OPENING.
5. MINIMUM WIDTH OF A PATCH SHALL BE 4.0 FEET.

VILLAGE OF OAK LAWN
STANDARD DETAIL

PAVEMENT RESTORATION
FLEXIBLE PAVEMENT
UTILITY TRENCH
DATE: DEC 2009

