

NOTES:

1. ALL AGGREGATE SUB BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK SHALL CONTINUE THROUGH DRIVEWAYS.
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE A MINIMUM OF 8" PCC ON 4" AGGREGATE SUB BASE.
4. EXPANSION JOINT MATERIAL MUST MATCH THE FULL DEPTH OF THE PAVEMENT.
5. DETECTABLE WARNINGS SHALL ONLY BE INSTALLED AT DRIVEWAYS WITH PERMANENT TRAFFIC CONTROL DEVICES.
6. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
7. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.



City of Naperville
**STANDARD
DETAIL**

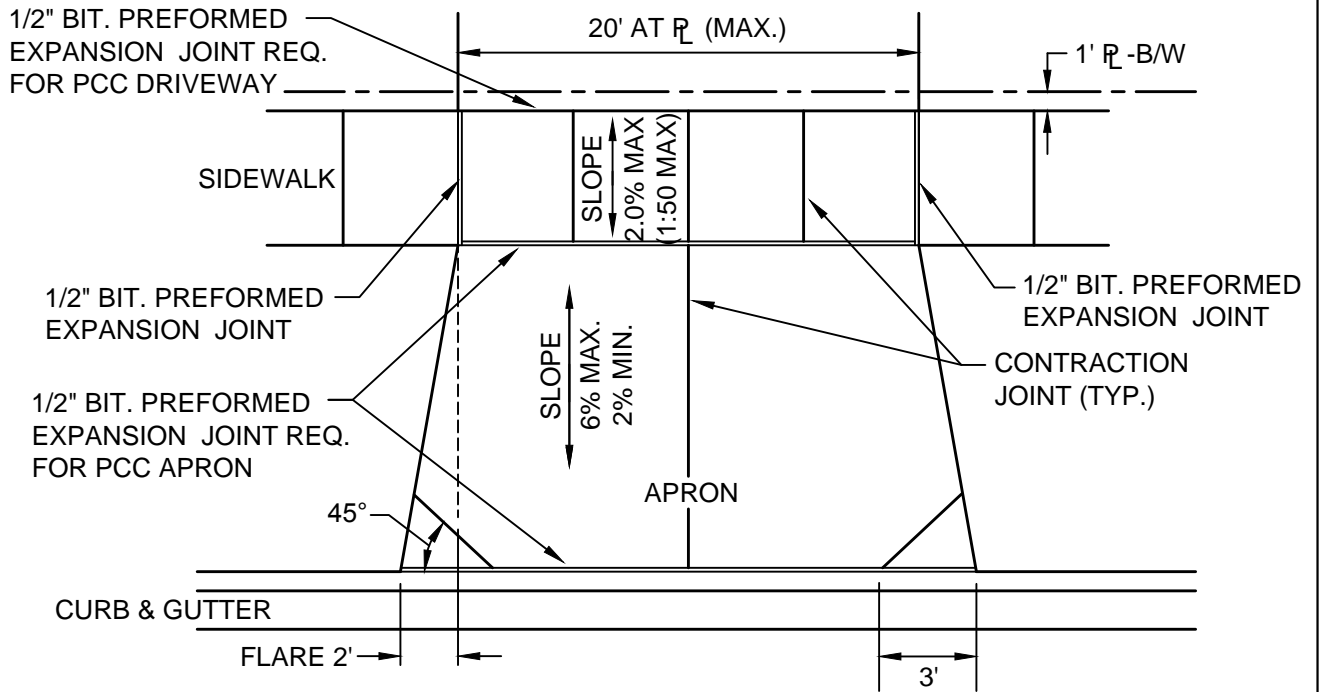
**TYPICAL COMMERCIAL
DRIVEWAY DETAIL**

REVISED: 08/01/2018

SHEET 1 OF 1

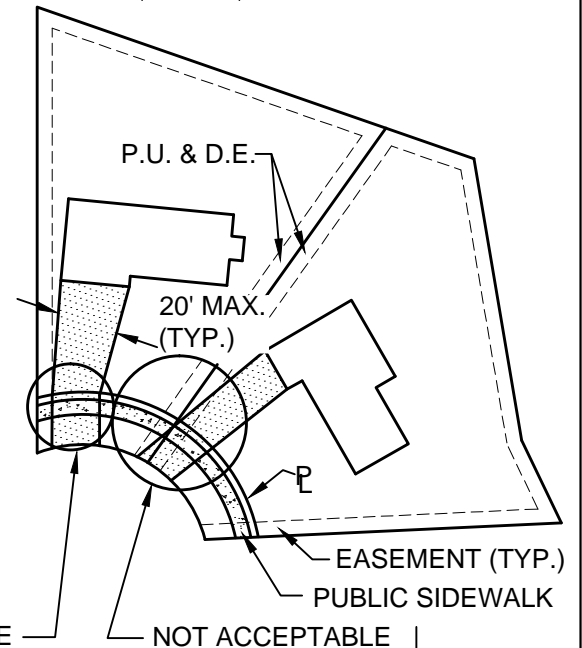
PAVEMENT 5

590.05

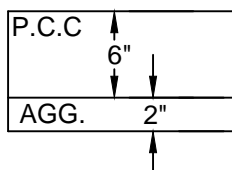


NOTES:

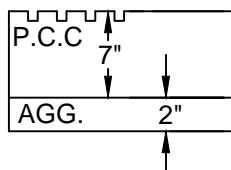
1. DRIVEWAYS SHALL NOT EXCEED 20' IN WIDTH MEASURED AT THE RIGHT-OF-WAY LINE.
2. DRIVEWAYS SHALL NOT ENCROACH OVER THE PROPERTY LINE EXTENSION IN THE PARKWAY.
3. DRIVEWAYS SHALL NOT BE CONSTRUCTED IN EASEMENTS.
4. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
5. SIDEWALK SHALL CONTINUE THROUGH DRIVEWAYS.
6. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB BASE.
7. EXPANSION JOINT MATERIAL MUST MATCH THE FULL DEPTH OF THE PAVEMENT.
8. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
9. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.



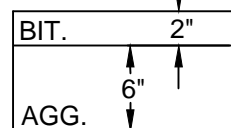
DRIVEWAYS



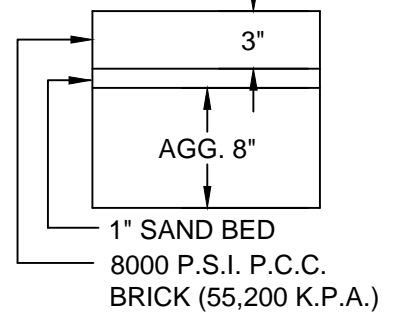
**CONVENTIONAL
CONCRETE**



**EXPOSED AGGREGATE
OR
STAMPED CONCRETE**



ASPHALT



BRICK DRIVEWAY



City of Naperville
**STANDARD
DETAIL**

**TYPICAL RESIDENTIAL
DRIVEWAY DETAIL**

REVISED: 08/01/2018

SHEET 1 OF 2

PAVEMENT 6

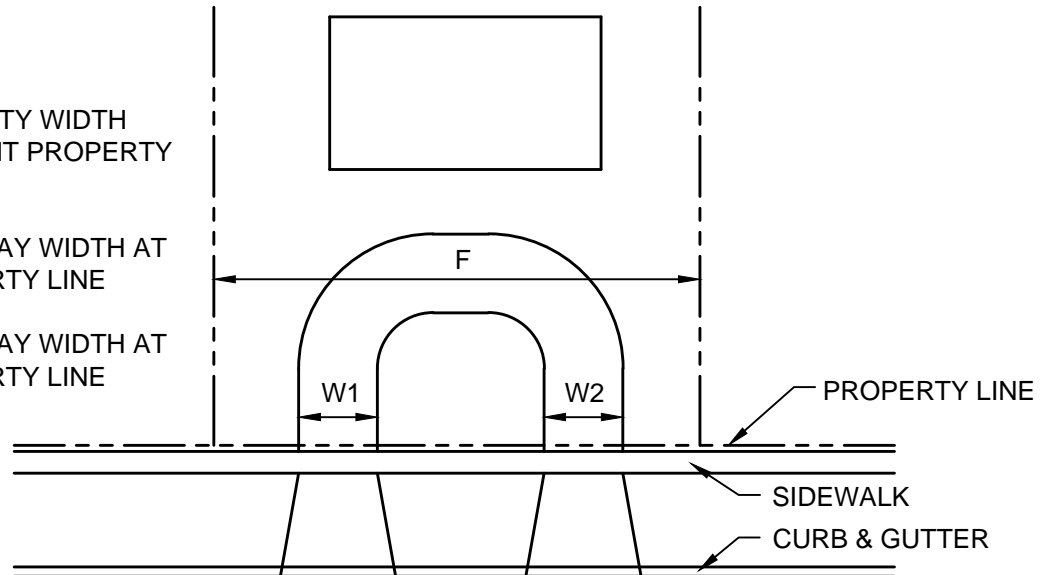
590.06

MULTIPLE DRIVEWAYS

F = PROPERTY WIDTH
AT FRONT PROPERTY
LINE

W1 = DRIVEWAY WIDTH AT
PROPERTY LINE

W2 = DRIVEWAY WIDTH AT
PROPERTY LINE

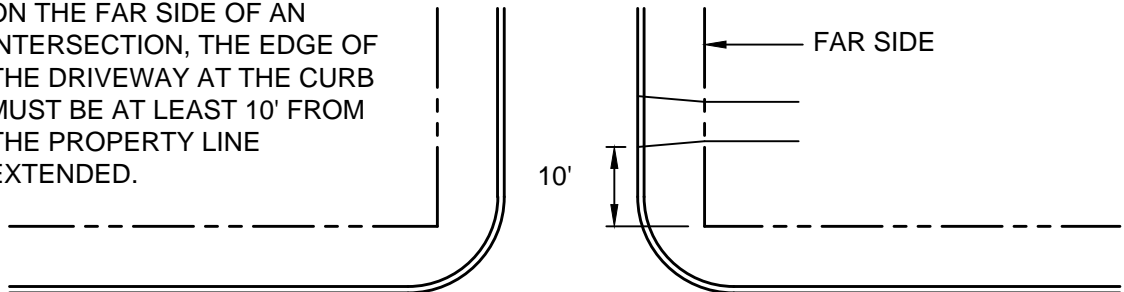


FOR MULTIPLE DRIVEWAYS TO BE PERMITTED, THE
FOLLOWING CONDITIONS MUST BE MET:

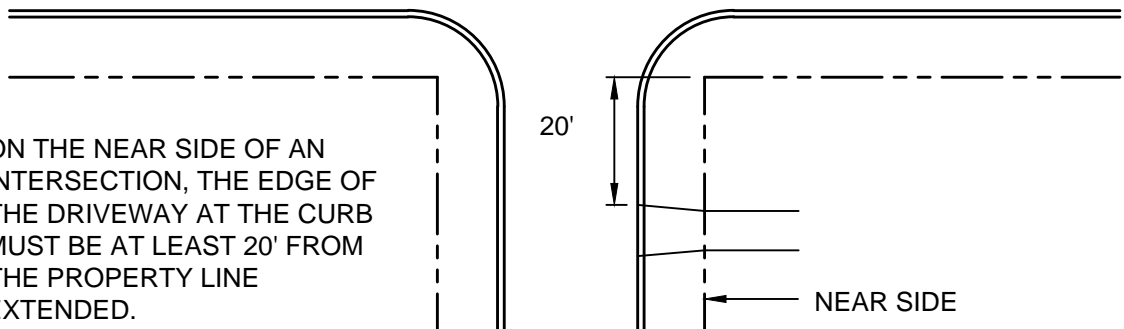
1. THE PROPERTY WIDTH (F) MUST BE GREATER THAN 75'.
2. $(F/75)(20) \geq W1+W2$

RESIDENTIAL DRIVEWAY NEAR INTERSECTION

ON THE FAR SIDE OF AN
INTERSECTION, THE EDGE OF
THE DRIVEWAY AT THE CURB
MUST BE AT LEAST 10' FROM
THE PROPERTY LINE
EXTENDED.



ON THE NEAR SIDE OF AN
INTERSECTION, THE EDGE OF
THE DRIVEWAY AT THE CURB
MUST BE AT LEAST 20' FROM
THE PROPERTY LINE
EXTENDED.



City of Naperville
**STANDARD
DETAIL**

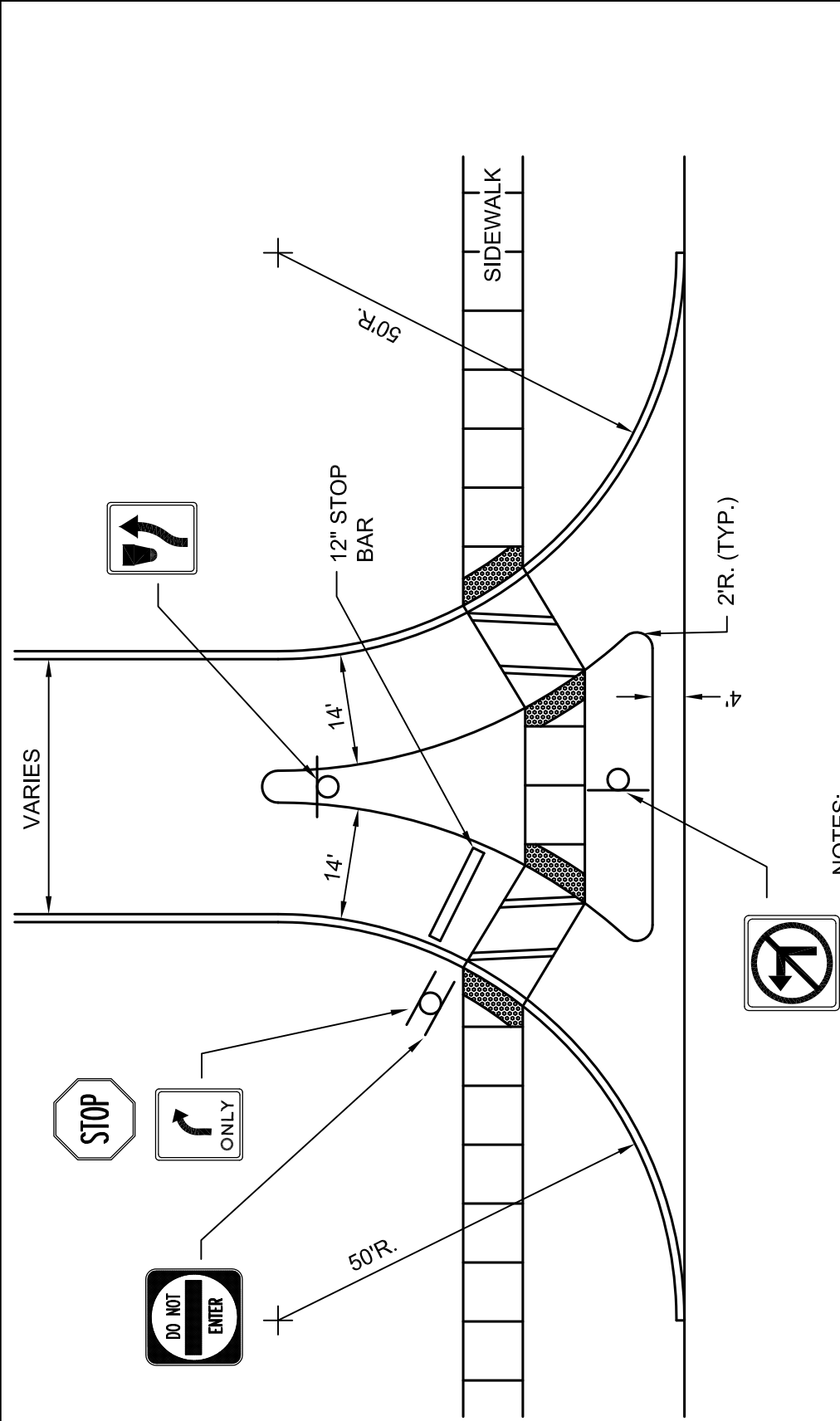
TYPICAL RESIDENTIAL DRIVEWAY DETAIL

REVISED: 08/01/2018

SHEET 2 OF 2

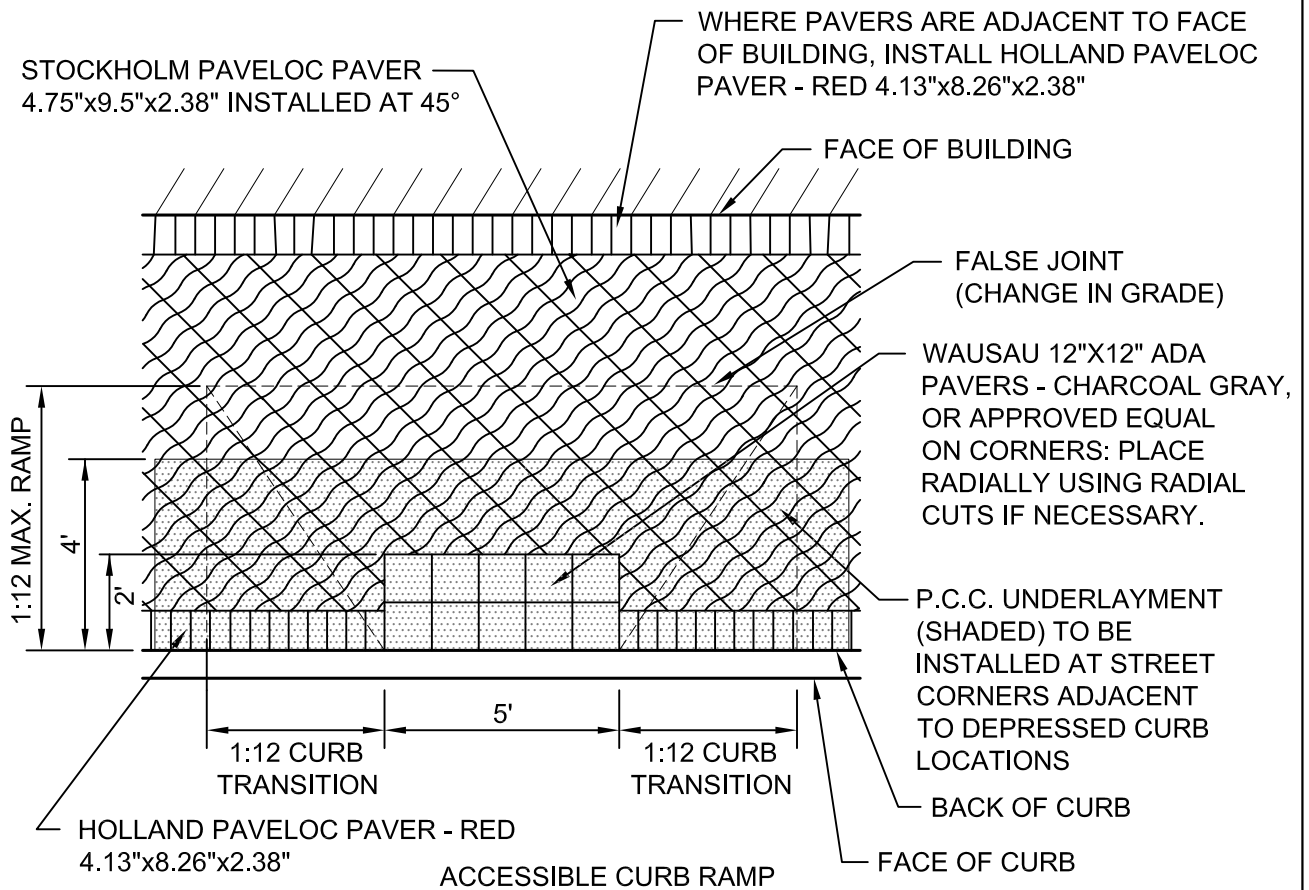
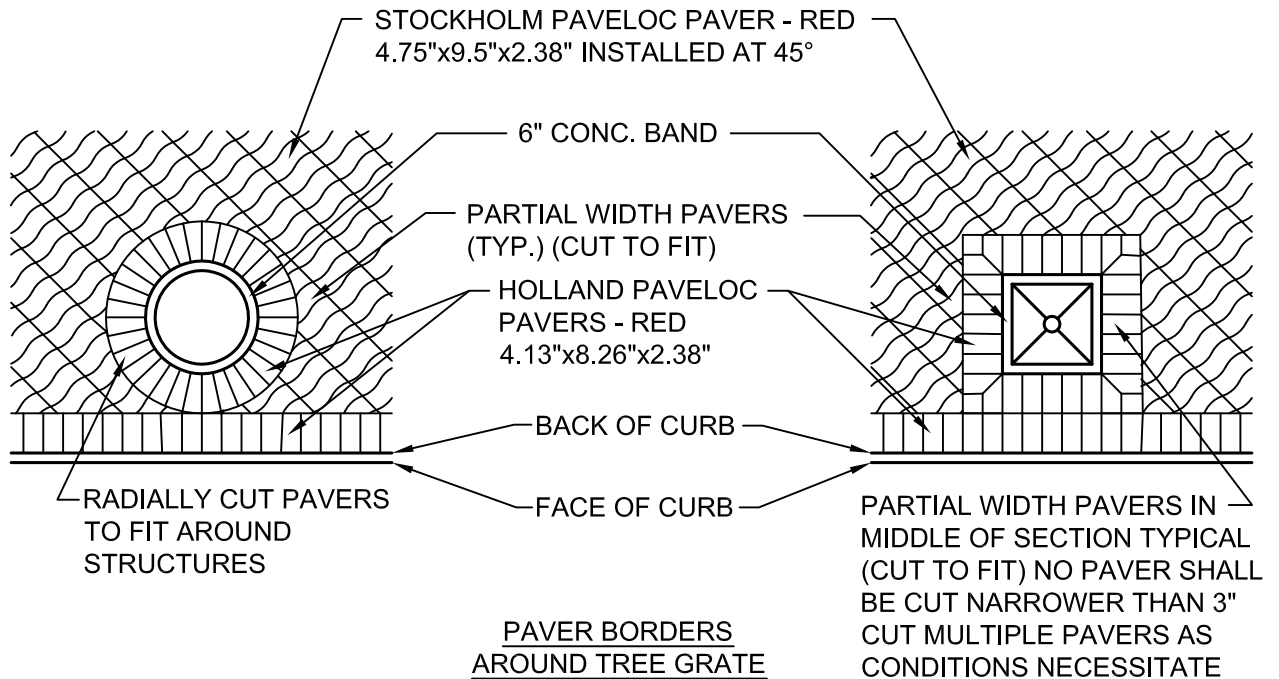
PAVEMENT 6

590.06



NOTES:

1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK SHALL CONTINUE THROUGH DRIVEWAYS.
4. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
5. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.



City of Naperville
**STANDARD
DETAIL**

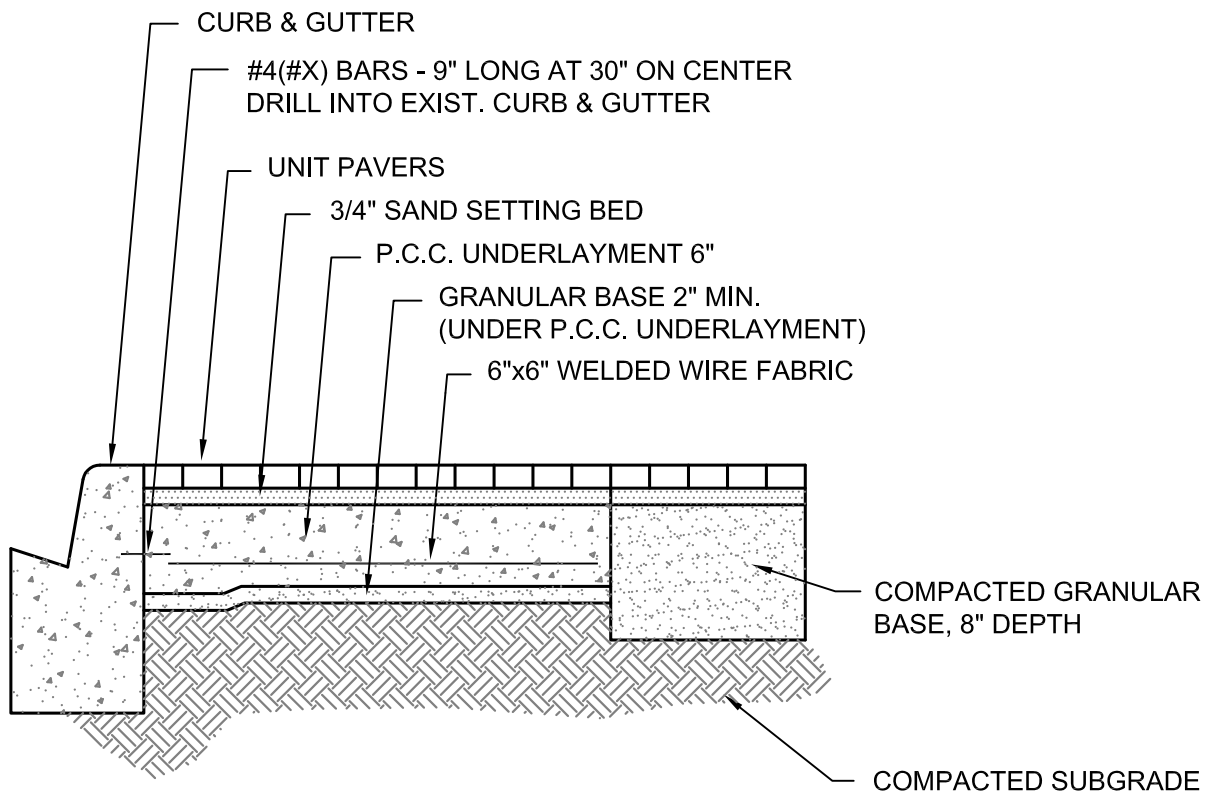
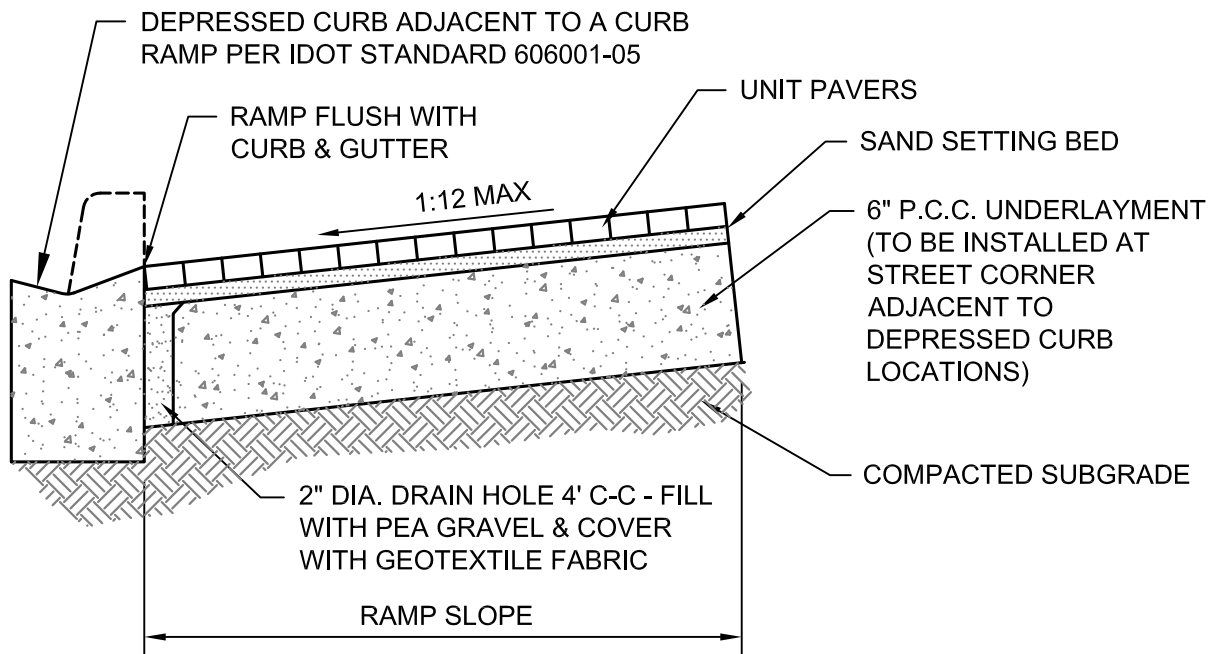
**DOWNTOWN STREETSCAPE
PAVEMENT SECTION**

REVISED: 06/14/2013

SHEET 1 OF 2

PAVEMENT 14

590.14



NOTE:

AT HANDICAP CURB RAMPS, CURBS WILL BE DEPRESSED.



City of Naperville
**STANDARD
DETAIL**

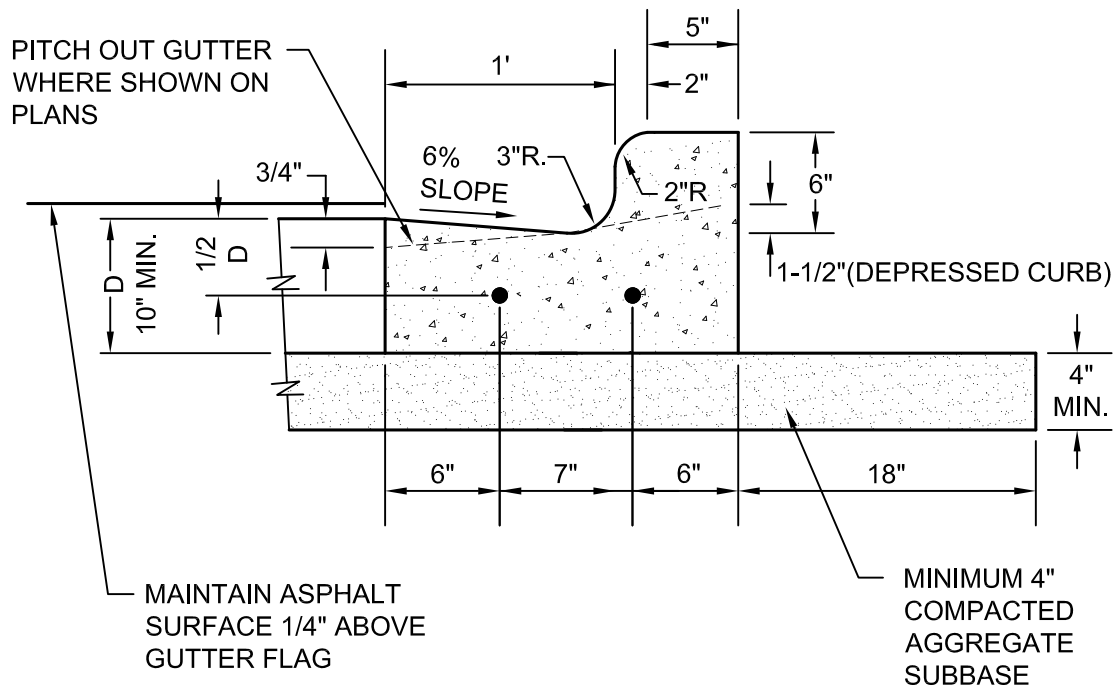
**DOWNTOWN STREETSCAPE
PAVEMENT SECTION**

REVISED: 06/14/2013

SHEET 2 OF 2

PAVEMENT 14

590.14



NOTES:

1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB & GUTTER THE EXISTING CURB SHALL BE DRILLED AND TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" X 18") GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
2. TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15'.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A CITY APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
4. FOR CURB AND GUTTER CONSTRUCTED OVER UTILITY TRENCHES, TWO (2) EPOXY COATED REINFORCING BARS (NO. 4) SHALL BE PLACED IN THE CURB AND GUTTER, CENTERED OVER THE TRENCH.



City of Naperville
**STANDARD
DETAIL**

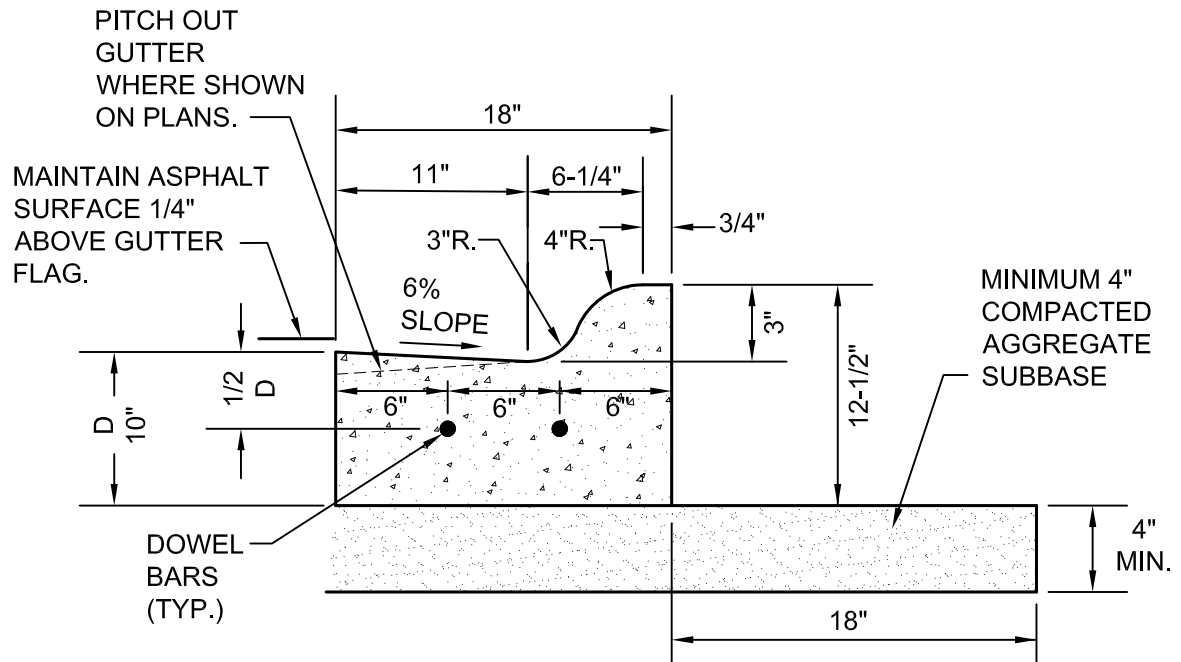
B6.12 BARRIER CURB & GUTTER

REVISED: 01/01/2013

SHEET 1 OF 1

PAVEMENT 20

590.20



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City of Naperville
**STANDARD
DETAIL**

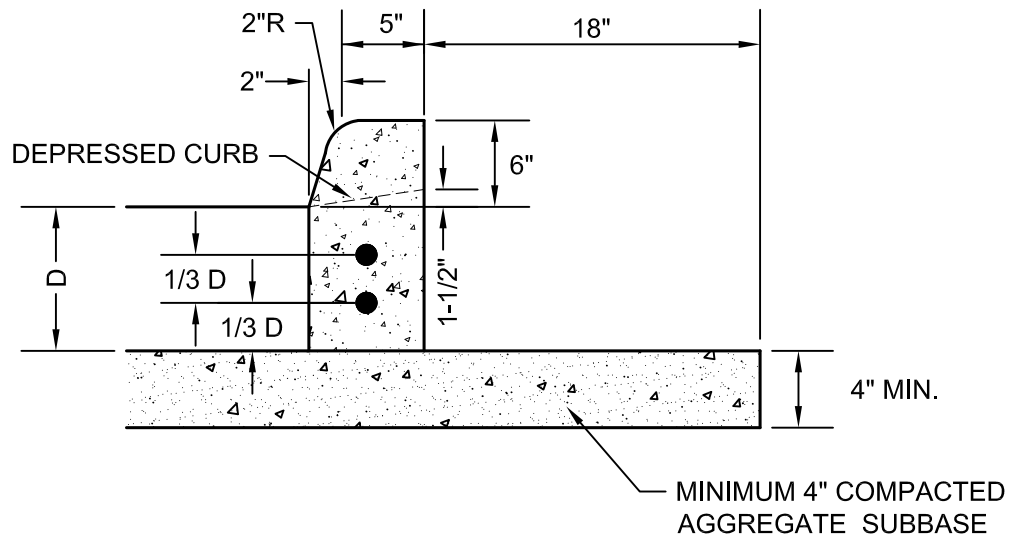
M3.12 MOUNTABLE CURB & GUTTER

REVISED: 01/01/2013

SHEET 1 OF 1

PAVEMENT 22

590.22



NOTES:

1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB & GUTTER THE EXISTING CURB SHALL BE DRILLED AND TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" X 18") GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
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4. FOR CURB AND GUTTER CONSTRUCTED OVER UTILITY TRENCHES, TWO (2) EPOXY COATED REINFORCING BARS (NO. 4) SHALL BE PLACED IN THE CURB AND GUTTER, CENTERED OVER THE TRENCH.



City of Naperville
**STANDARD
DETAIL**

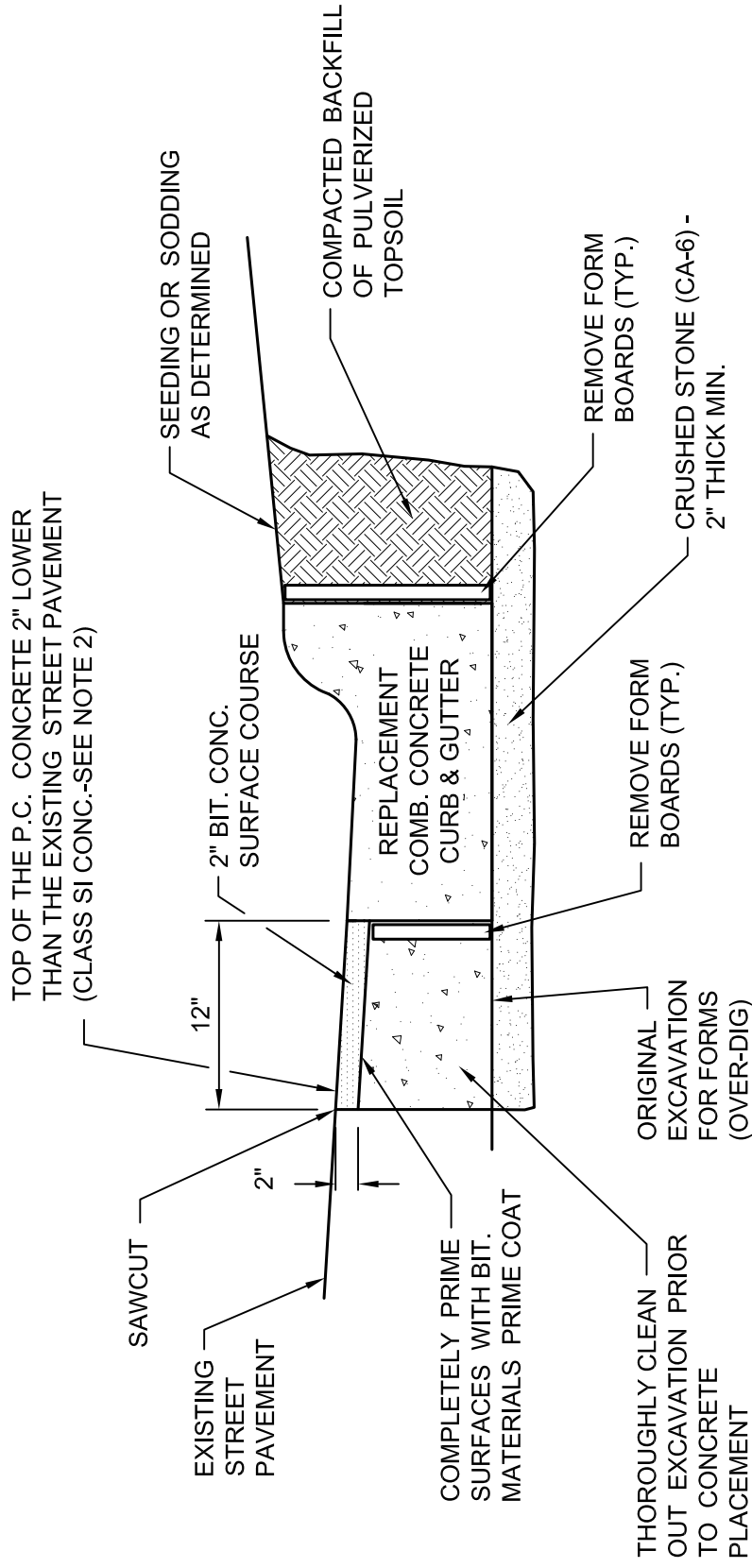
TYPE B BARRIER CURB

REVISED: 01/01/2013

SHEET 1 OF 1

PAVEMENT 23

590.23



NOTES:

1. THE COMPLETE REPAIR OF PAVEMENTS ADJACENT TO THE REPLACEMENT CONCRETE CURB AND GUTTER IS INCLUDED IN THE COST OF THE NEW CURB AND GUTTER.
2. CLASS SI CONCRETE SHALL BE POURED SEPARATELY FROM THE CURB ONCE THE FORM BOARDS HAVE BEEN REMOVED.



**STANDARD
DETAIL**

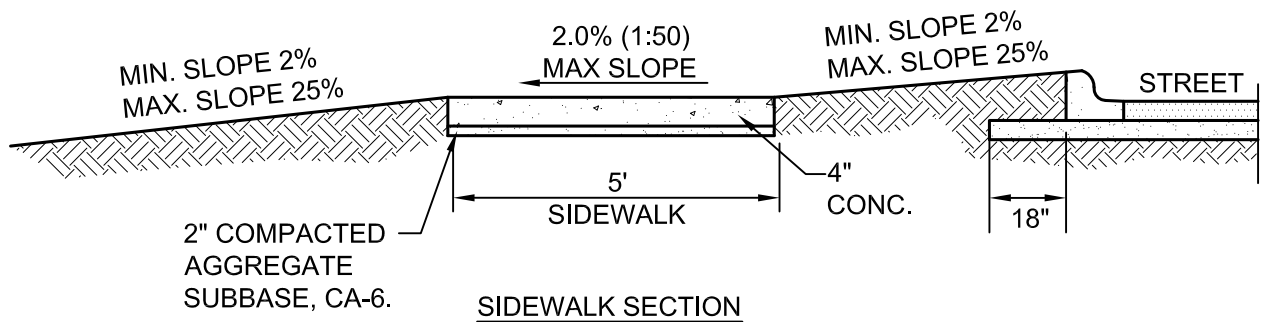
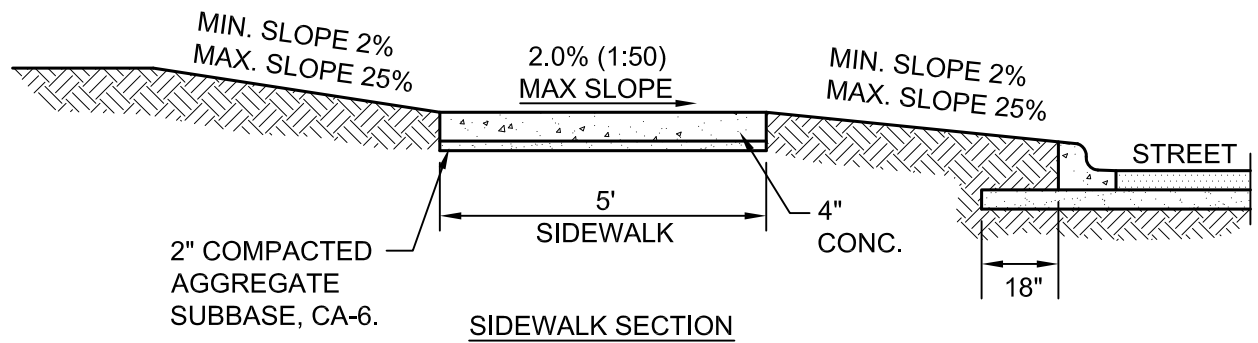
CURB REPLACEMENT

PAVEMENT 24

590.24

REVISED: 05/15/2015

SHEET 1 OF 1



NOTES:

1. CONCRETE SHALL BE IDOT CLASS SI.
2. MINIMUM SIDEWALK THICKNESS SHALL BE 4".
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE AT A MINIMUM 6" FOR RESIDENTIAL DRIVEWAYS AND 8" FOR COMMERCIAL DRIVEWAYS.
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 5% (20:1). FOR ANY SLOPE IN EXCESS OF 5%, ALL REQUIREMENTS OF THE ILLINOIS ACCESSIBILITY CODE (LATEST EDITION) SHALL BE MET.
5. MINIMUM TRANSVERSE SLOPE SHALL BE 1.0% (1:100). MAXIMUM TRANSVERSE SLOPE SHALL BE 2.0% (1:50).
6. A MINIMUM 2" AGGREGATE SUBBASE (CA-6) SHALL BE PROVIDED. (4" THROUGH COMMERCIAL DRIVEWAYS).
7. AGGREGATE SUBBASE SHALL BE MECHANICALLY COMPACTED.
8. ALL SIDEWALKS SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.
9. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
10. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.



City of Naperville
**STANDARD
DETAIL**

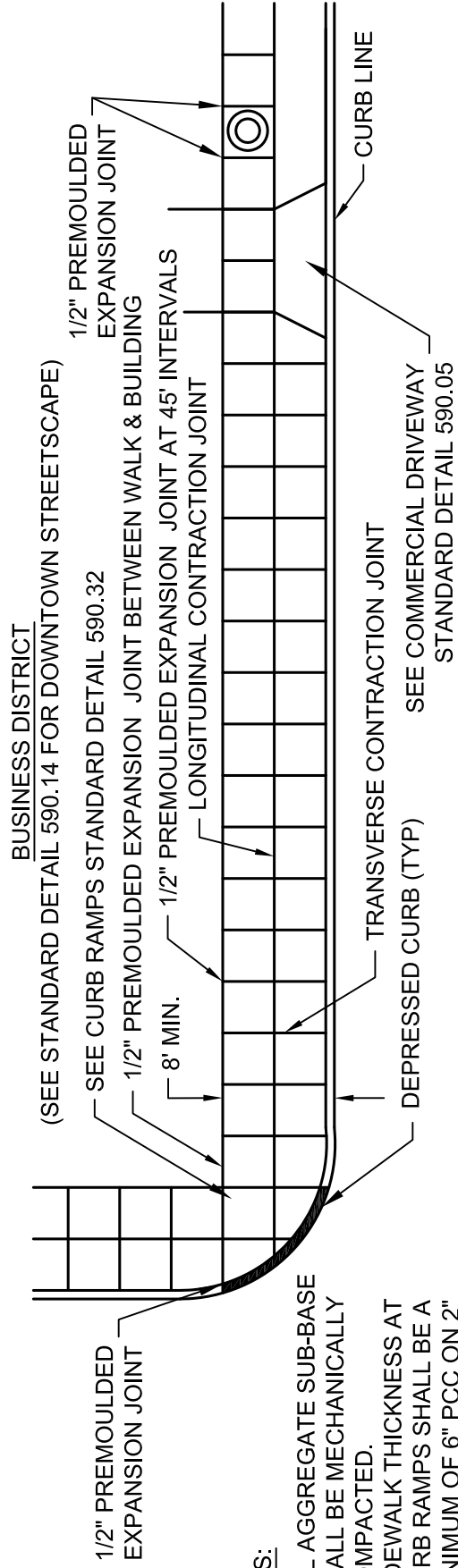
SIDEWALK

REVISED: 01/01/2013

SHEET 1 OF 1

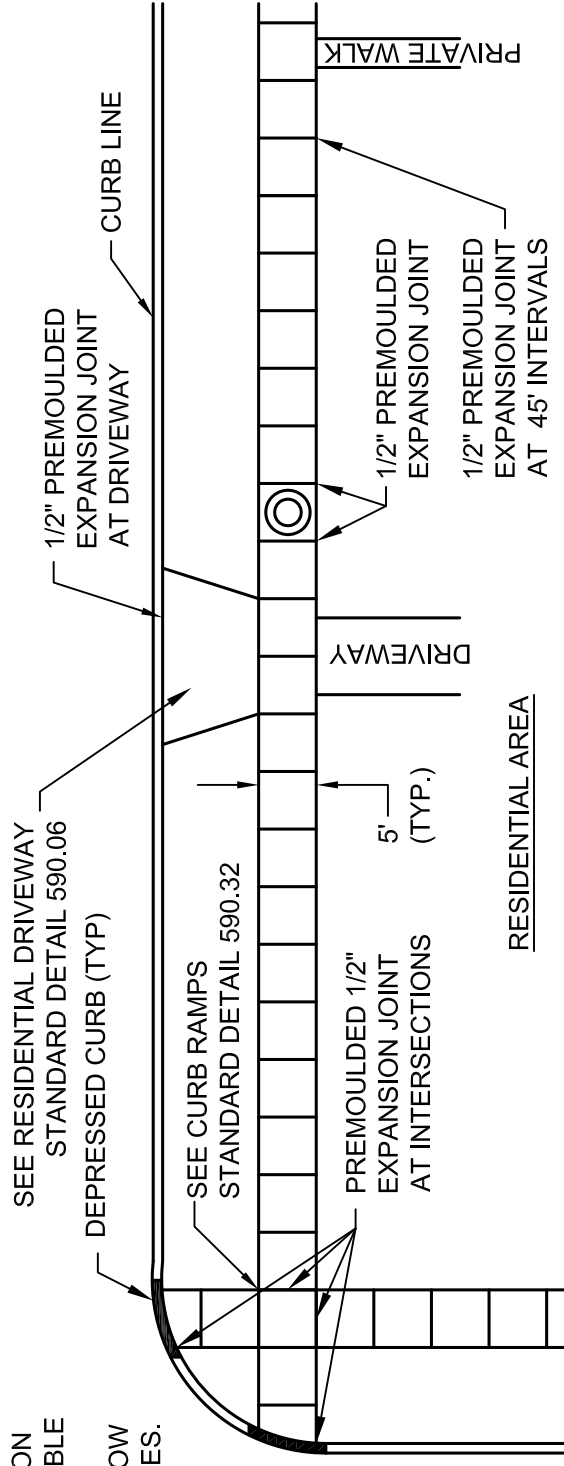
PAVEMENT 30

590.30



NOTES:

1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK THICKNESS AT CURB RAMPS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB BASE.
3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
4. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.



**STANDARD
DETAIL**

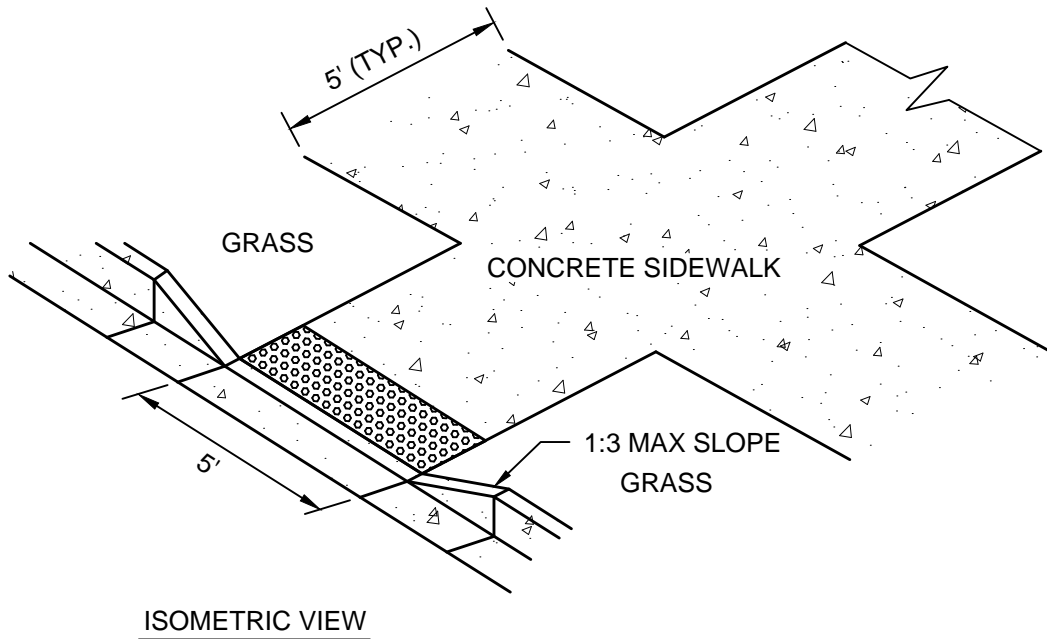
SIDEWALK CONSTRUCTION

REVISED: 01/01/2013

SHEET 1 OF 1

PAVEMENT 31

590.31



NOTES:

1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK THICKNESS AT CURB RAMPS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB BASE.
3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
4. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

APPLICABLE IDOT STANDARD DETAILS (USE LATEST REVISION:

424001-XX	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-XX	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-XX	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-XX	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-XX	DEPRESSED CORNER FOR SIDEWALKS
424026-XX	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-XX	MEDIAN PEDESTRIAN CROSSINGS
606001-XX	CONCRETE CURB TYPE B AND COMB CONCRETE CURB AND GUTTER

APPROVED ADA DETECTABLE WARNING TILES:

1. ADA SOLUTIONS - CAST IN PLACE REPLACEABLE
2. ARMOR TILE - CAST IN PLACE
3. DETECTILE - SLIMTEK II
4. TUFTILE - POLYMER WET-SET



City of Naperville
**STANDARD
DETAIL**

CURB RAMPS

REVISED: 08/01/2018

SHEET 1 OF 1

PAVEMENT 32

590.32