



BOROUGH OF AMBRIDGE
600 ELEVENTH STREET
AMBRIDGE, PA 15003
724-266-4070

STREET OPENING APPLICATION AND SIDEWALK PERMIT

\$250.00

1. Applicant's Name: _____ 2. Business Address & Telephone Number: _____

3. Start Date: (M/D/YR) _____ 4. Completion Date: _____

5. Name of Street to be Opened: _____

6. Nearest Intersecting Street to Opening: _____

7. Street Numbers of Abutting Properties: _____

8. Size of Opening:

9. Distance of Opening From Curb or
Pavement Edge (Feet):

Width _____ Depth _____ Length _____

10. Purpose of Opening: _____

I (we) hereby agree to be bound by the provisions of the ordinances, specifications, and regulations of the Borough governing openings in or under municipal streets and right-of-ways, and to such special conditions, restrictions and regulations as many be imposed by the Superintendent.

**SEE INSTRUCTIONS ATTACHED
TO APPLICATION-PERMIT FORM**

Applicant's Signature _____ (Date) _____

11. Plans Approved By: _____

12. Date Application Approved: (M/D/YR) _____

13. Deposit and Refund Information:

Amount Deposited \$ _____

Receipt No. _____

Cost of Work \$ _____

Amount Refunded \$ _____

14. Bond Information:

Bond Amount: \$ _____

Expiration Date(M/D/YR) _____

15: Date of Refund: (M/D/YR) _____

16. Restoration Date: (M/D/YR) _____

17. Dates of Inspections & By Whom:

18. Reason Permit Revoked: _____

By Whom: _____

Date Revoked: M/D/YR _____

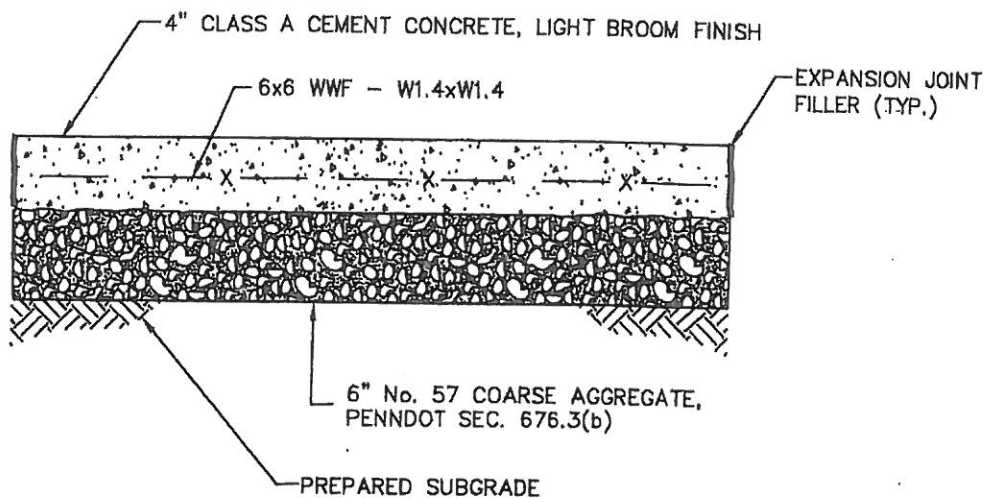
19. Insurance Information: _____

20. Workman's Comp Information: _____

The applicant is hereby authorized to Make an opening in or under the above named street at the location designated; provided, however, all work is performed in accordance with the applicant's plans, the Borough's ordinances, specifications and regulations governing street openings, and the following special conditions.:

or such speial conditions as may be imposed during the performance of the authorized work.

Permit Number: _____



STANDARD SIDEWALK REPLACEMENT/INSTALLATION DETAIL

NOTES:

1. SIDEWALK WIDTH - 5'-0", REPLACE LENGTH JOINT TO JOINT
2. FORM OUTSIDE EDGES AND JOINTS WITH 1/4" RADIUS EDGING TOOL.
3. FORM TRANSVERSE DUMMY JOINTS @ 5 FOOT INTERVALS, APPROX. 1/8" WIDE AND AT LEAST 1 INCH DEEP
4. WHEN BUTTING INTO EXISTING CONCRETE, SAW CUT CONCRETE AND USE 1/2" PREMOLDED EXPANSION FILLER FULL DEPTH OF SIDEWALK.
5. EXPANSION JOINT @ 20'-0" MAX. SPACING. SEAL JOINTS WITH APPROVED CAULKING MATERIAL.
6. PROTECT WET/NEW CONCRETE FROM FREEZING
7. **OPTIONAL:** "FIBERMESH" PARTICLE REINFORCEMENT
8. **OPTIONAL:** CONCRETE CURING COMPOUND
9. WHENEVER POSSIBLE, SIDEWALK SURFACE SHOULD BE SLOPED FROM BACK TO FRONT AT 1/4" per FOOT TO DRAIN TOWARDS STREET

BOROUGH OF AMBRIDGE

STANDARD SIDEWALK
REPLACEMENT/INSTALLATION
DETAIL

NIRA Consulting Engineers, Inc.

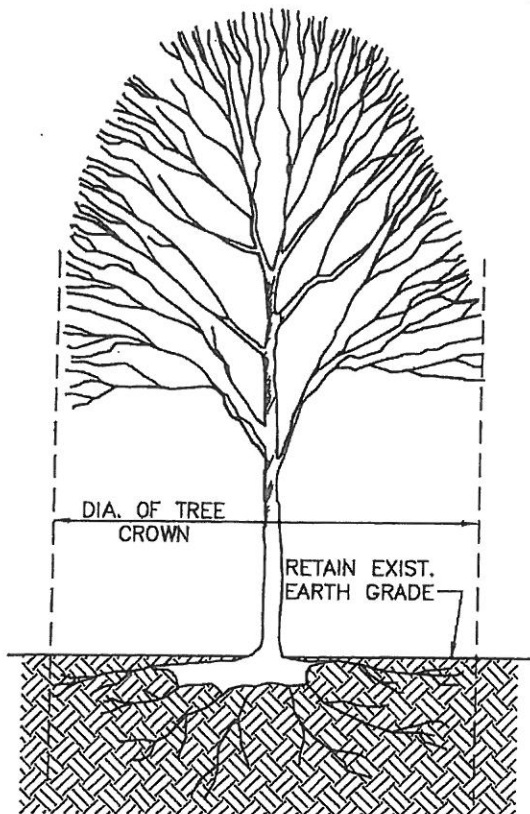
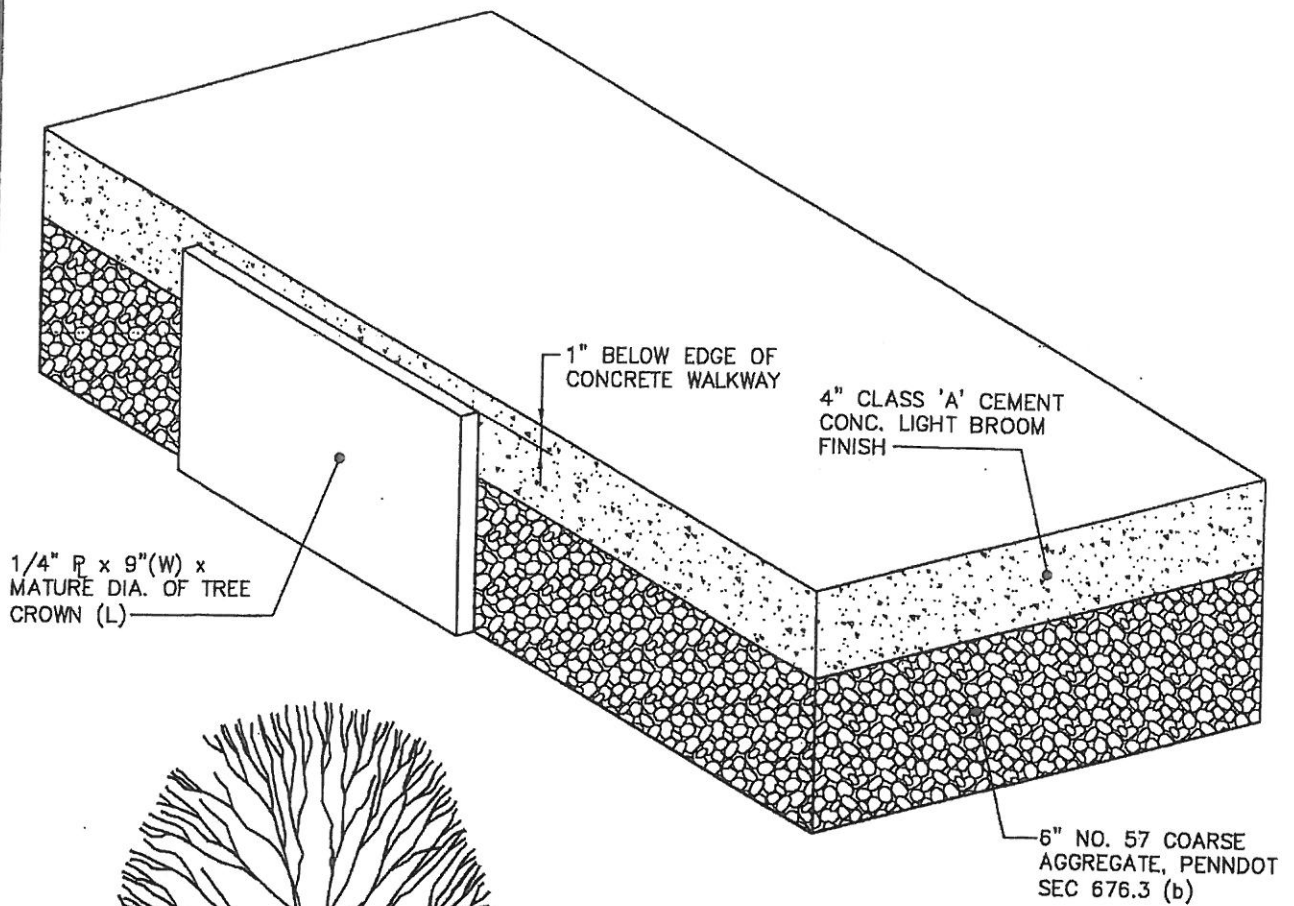
DR. E.E.B.

DATE: APRIL, 2004

REVISED FEB. 2011

APPR: F.E.L.

DWG FILE: BASD-01



NOTE:

PLATE (P) IS TO BE USED WHERE AN EXISTING OR PROPOSED TREE(S) ARE CLOSER THAN THE MATURE DIA. OF THE TREE CROWN TO THE EXISTING OR PROPOSED SIDEWALK. CENTER THE PLATE WITHIN THE TREE CROWN.

BOROUGH OF AMBRIDGE

STANDARD SIDEWALK
REPLACEMENT/INSTALLATION
DETAIL

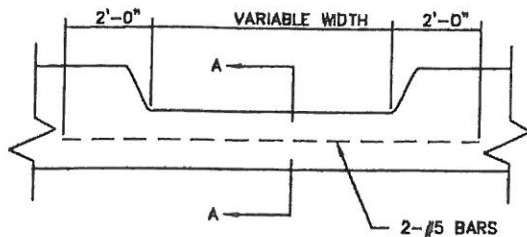
NIRA Consulting Engineers, Inc.

DR. E.E.B.

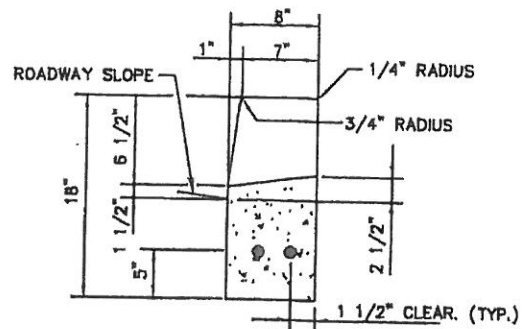
DATE: APRIL, 2004

APPR: F.E.L.

DWG FILE: BASD-02

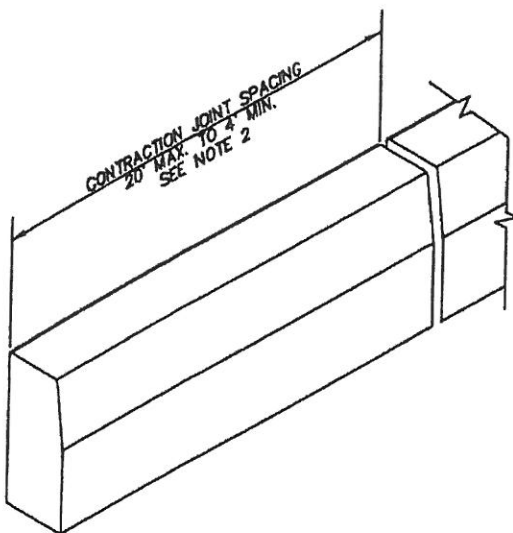


PLAN VIEW

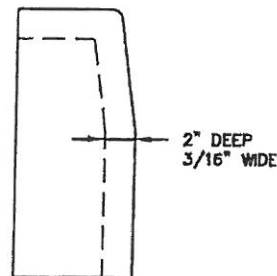


SECTION A-A

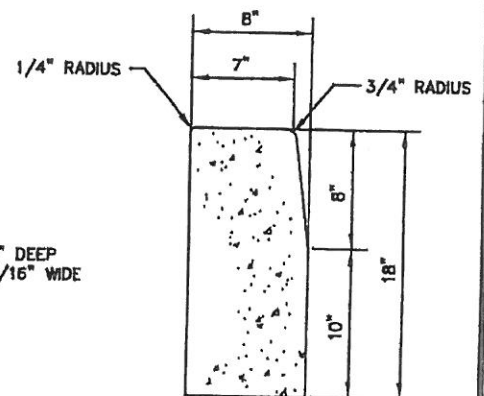
DEPRESSED CURB FOR DRIVEWAYS



PLAIN CONCRETE CURB



DETAIL A
CONTRACTION JOINT



TYPICAL
CROSS SECTION

NOTES:

1. PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408, SECTION 630 FOR PLAIN CONCRETE CURB AND DEPRESSED CURB, SECTION 640 FOR PLAIN CONCRETE CURBS.
2. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
3. PLACE 3/4-INCH PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY, CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
4. REPLACE LENGTH JOINT TO JOINT

BOROUGH OF AMBRIDGE

STANDARD CURB
REPLACEMENT DETAIL

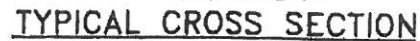
NIRA Consulting Engineers, Inc.

DR. E.E.B.

DATE: MARCH, 2004

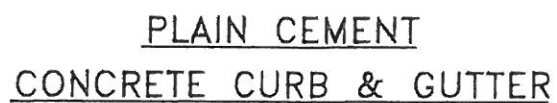
APPR: F.E.L.

DWG FILE: BASD-03

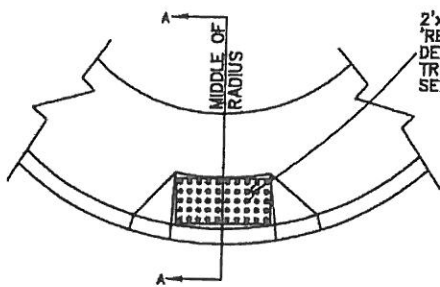


1. UNDER 5' GUTTER WIDTH = 1" PER. FT. MIN.
5' AND GREATER GUTTER WIDTH = 1/2" PER. FT. MIN.

- ## 2. REPLACE LENGTH JOINT TO JOINT

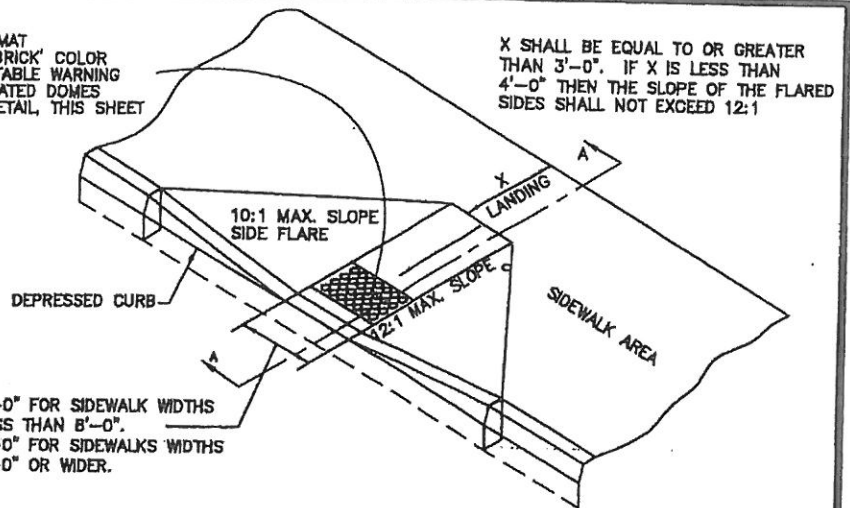


BOROUGH OF AMBRIDGE	
STANDARD CURB GUTTER REPLACEMENT DETAILS	
NIRA Consulting Engineers, Inc.	
DR. E.E.B.	DATE: MARCH, 2004
APPR: F.E.L.	DWG FILE: BASD-04



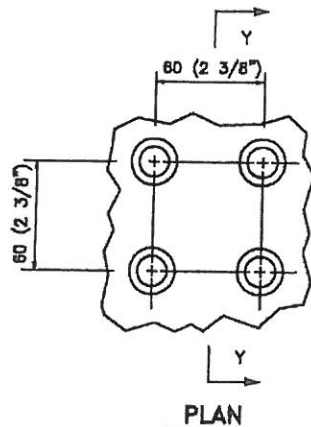
**TYPE 1 CURB RAMP
ON RADIUS**

2'x3' MAT
'RED BRICK' COLOR
DETECTABLE WARNING
TRUNCATED DOMES
SEE DETAIL, THIS SHEET

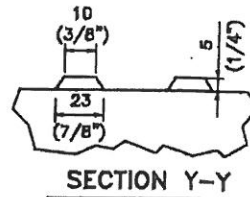


**TYPE 1 CURB RAMP
ON TANGENT**

STD. CURB CUT RAMP DETAILS



PLAN



SECTION Y-Y

DETECTABLE WARNING TRUNCATED DOME

NOTES

1. PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408 SPECIFICATIONS, SECTIONS 630, 676, 420, 421, AND 422.
2. PROVIDE 1/2" EXPANSION JOINT MATERIAL WHERE CURB RAMP ADJOINS ANY RIGID PAVEMENT, SIDEWALK OR STRUCTURE WITH THE TOP OF JOINT FILLER FLUSH WITH ADJACENT CONCRETE SURFACE.
3. SEAL JOINTS WITH AN APPROVED SEALING MATERIAL.
4. PROVIDE SLIP RESISTANT TEXTURE ON CURB RAMP BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP, EXTEND TEXTURE THE FULL WIDTH AND LENGTH OF THE CURB RAMP INCLUDING FLARED SIDE RAMPS.
5. CONSTRUCTION DETAILS SHALL BE MODIFIED TO ADAPT DIMENSIONS TO EXISTING CURB ALTERATIONS WHERE THE CURB IS LESS THAN THE STANDARD 8-INCH HEIGHT.
6. CURB RAMP AND SIDE FLARE LENGTHS ARE VARIABLE AND BASED ON CURB HEIGHT AND THE SIDEWALK PITCH. SEE TABLE A ON PG. 9 FOR TYPICAL RAMP DIMENSIONS.
7. WHENEVER POSSIBLE, CONSTRUCT THE TRANSITION SLOPE FROM THE CURB RAMP AND FLARE SIDES TO ADJOINING SURFACES WITH A GRADUAL CURVE RATHER THAN AN ABRUPT ANGLE.
8. REPLACE LENGTH JOINT TO JOINT

REV. SEPTEMBER 2010

BOROUGH OF AMBRIDGE

CURB CUT RAMPS

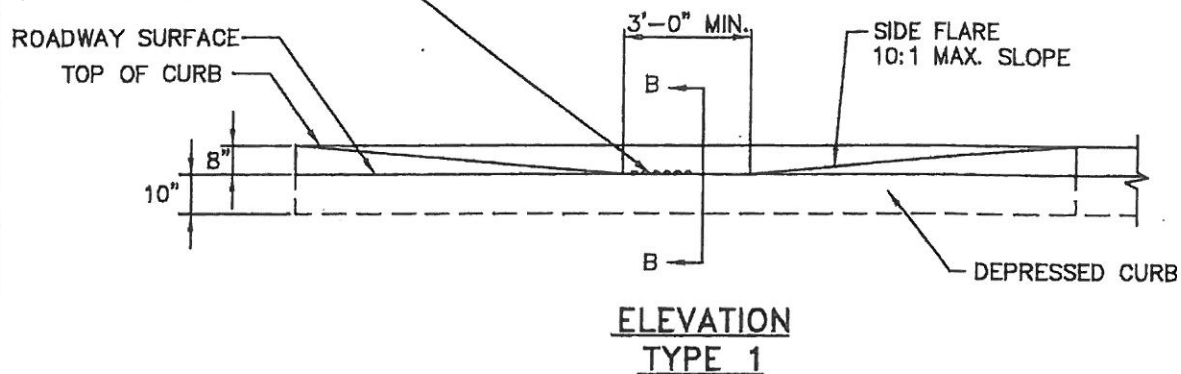
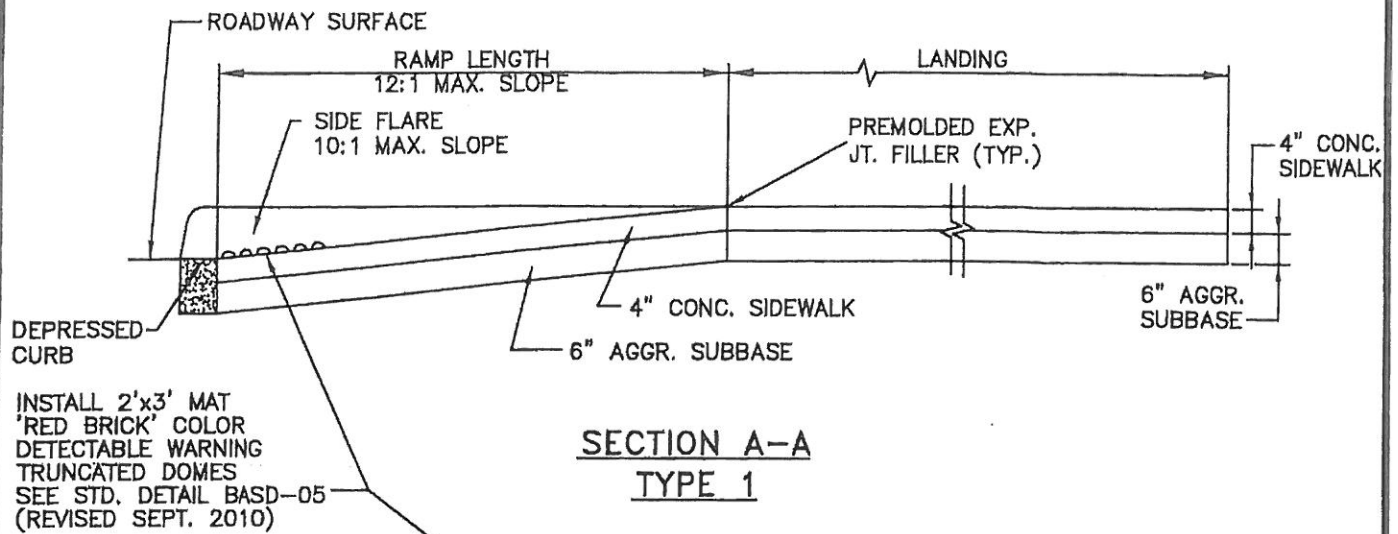
NIRA Consulting Engineers, Inc.

DR. cps

DATE: MARCH, 2010

APPR: F.E.L.

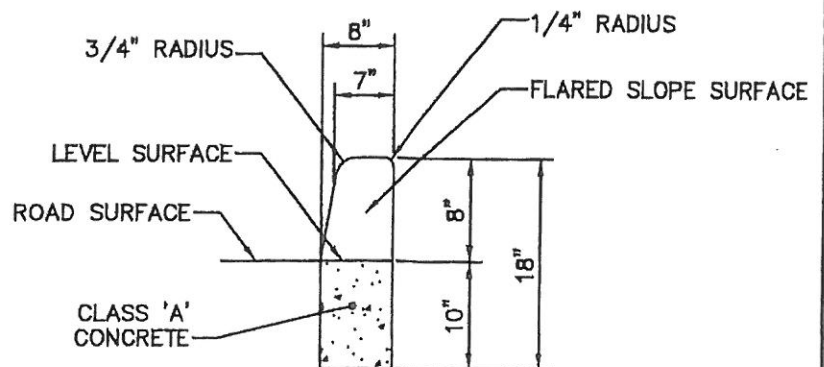
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CURB RAMP DIMENSIONS NEW CURB CONSTRUCTION				
RISE OF RAMP *	MAX. RAMP SLOPE	NOMINAL RAMP LENGTH(FT)	SIDE FLARE DIMENSION AT CURB	SIDE FLARE DIMENSION AT CURB
3"	12:1	3.0'	2.5'	3.0'
4"	12:1	4.0'	3.3'	4.0'
5"	12:1	5.0'	4.2'	5.0'
6"	12:1	6.0'	5.0'	6.0'
7"	12:1	7.0'	5.8'	7.0'
8"	12:1	8.0'	6.7'	8.0'
9"	12:1	9.0'	7.5'	9.0'
10"	12:1	10.0'	8.4'	10.0'
11"	12:1	11.0'	9.2'	11.0'
12"	12:1	12.0'	10.0'	12.0'
CURB RAMP DIMENSIONS NEW CURB CONSTRUCTION *				
RISE OF RAMP *	MAX. RAMP SLOPE	NOMINAL RAMP LENGTH(FT)	SIDE FLARE DIMENSION AT CURB	SIDE FLARE DIMENSION AT CURB
3"	8:1	2.0'	2.5'	3.0'
4"	10:1	3.3'	3.3'	4.0'
5"	10:1	4.2'	4.2'	5.0'
6"	10:1	5.0'	5.0'	6.0'

* USE ONLY WHEN SPACE LIMITATIONS PROHIBIT THE CONSTRUCTION OF 12:1 OR FLATTER SLOPES

* CURB HEIGHT PLUS RISE OF SIDEWALK CROSS SLOPE



NOTE:
REPLACE LENGTH JOINT TO JOINT

REV. SEPTEMBER 2010

BOROUGH OF AMBRIDGE

TYPE 1 CURB CUT
RAMP REPLACEMENT

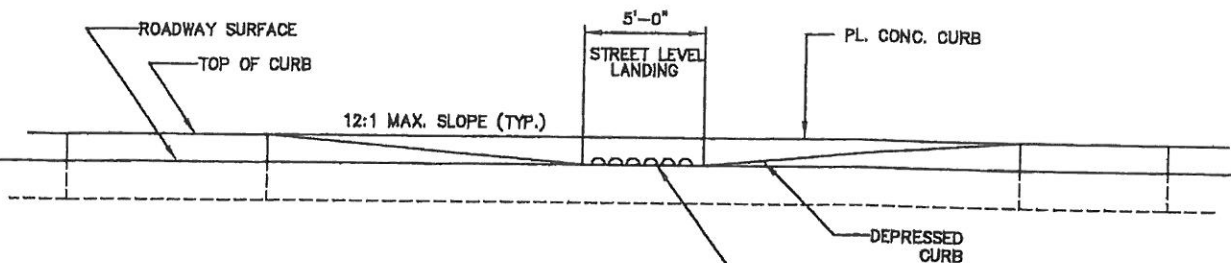
NIRA Consulting Engineers, Inc.

DR. E.E.B.

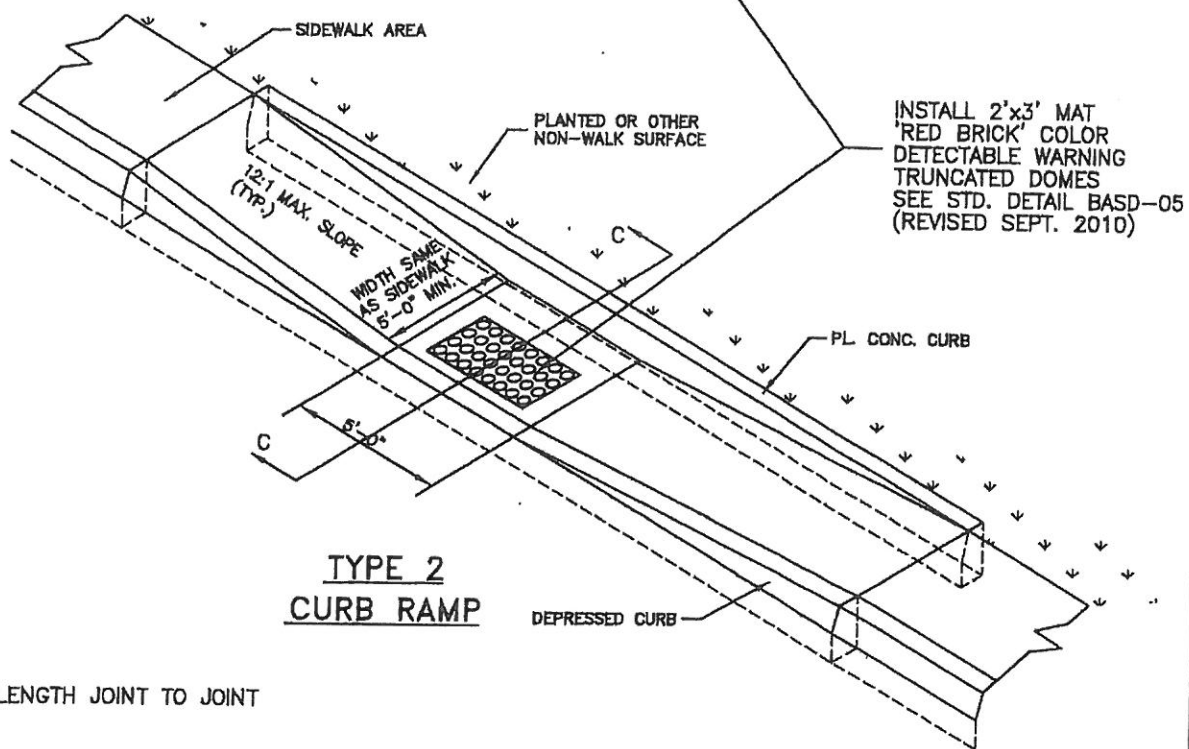
DATE: MARCH, 2004

APPR: F.E.L.

DWG FILE: BASD-06

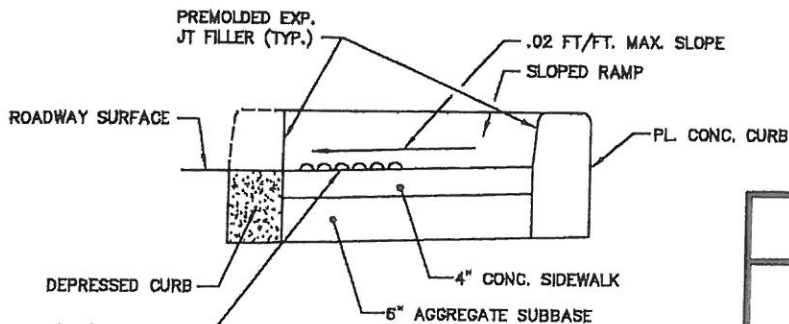


TYPE 2 CURB RAMP ELEVATION



TYPE 2 CURB RAMP

NOTE:
REPLACE LENGTH JOINT TO JOINT



INSTALL 2'x3' MAT
'RED BRICK' COLOR
DETECTABLE WARNING
TRUNCATED DOMES
SEE STD. DETAIL BASD-05
(REVISED SEPT. 2010)

TYPE 2 CURB RAMP SECTION C-C

BOROUGH OF AMBRIDGE

TYPE 2 CURB CUT
RAMP REPLACEMENT

NIRA Consulting Engineers, Inc.

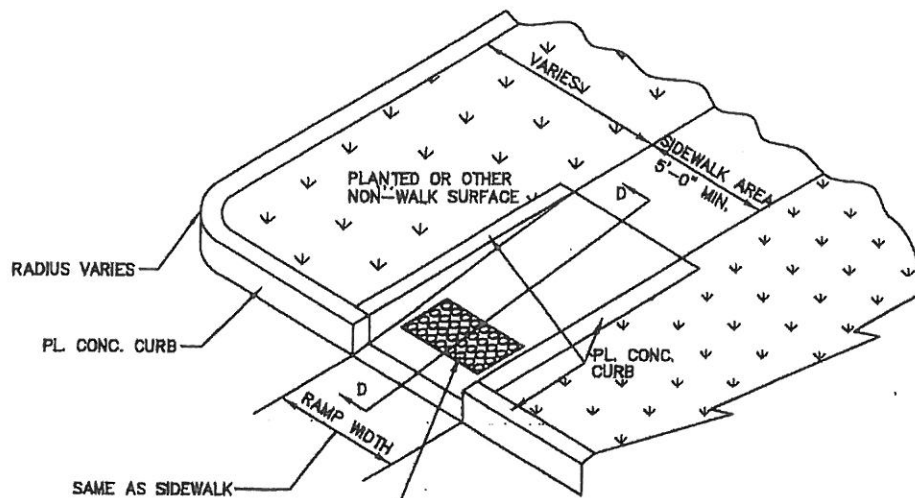
DR. E.E.B.

DATE: MARCH, 2004

APPR: F.E.L.

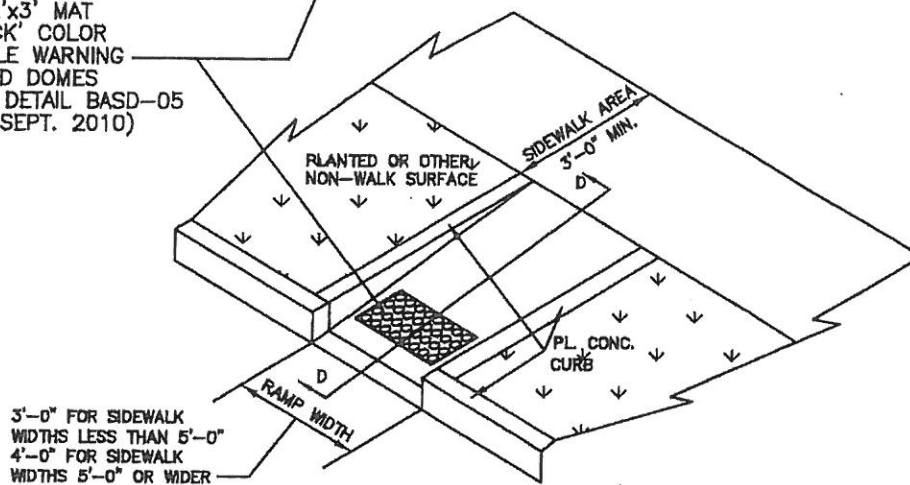
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REV: SEPTEMBER 2010

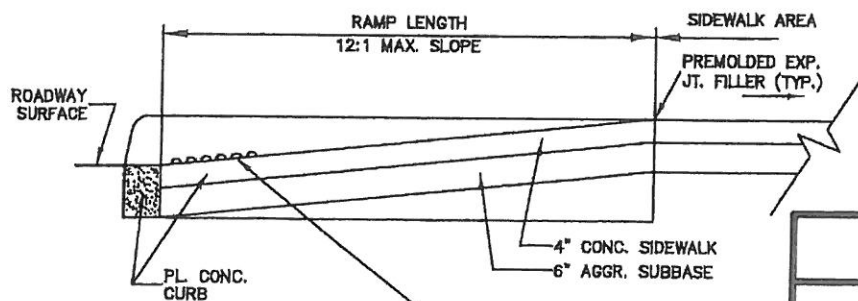


**TYPE 4A
CURB RAMP**

INSTALL 2'x3' MAT
'RED BRICK' COLOR
DETECTABLE WARNING
TRUNCATED DOMES
SEE STD. DETAIL BASD-05
(REVISED SEPT. 2010)



**TYPE 4
CURB RAMP**



**TYPE 4 AND 4A
SECTION D-D**

INSTALL 2'x3' MAT
'RED BRICK' COLOR
DETECTABLE WARNING
TRUNCATED DOMES
SEE STD. DETAIL BASD-05
(REVISED SEPT. 2010)

NOTE:
REPLACE LENGTH JOINT TO JOINT

REV: SEPTEMBER 2010

BOROUGH OF AMBRIDGE

**TYPE 4 CURB CUT
RAMP REPLACEMENT**

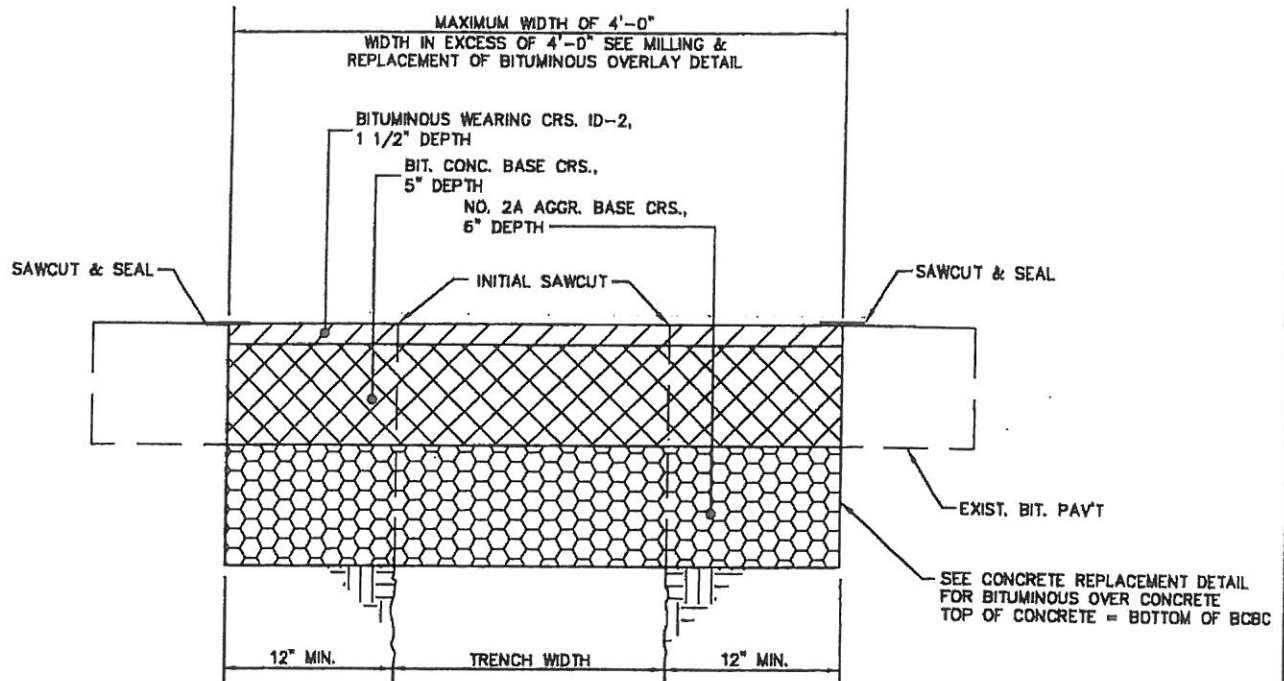
NIRA Consulting Engineers, Inc.

DR. E.E.B.

DATE: MARCH, 2004

APPR: F.E.L.

DWG FILE: BASD-08



BITUMINOUS PAVEMENT RESTORATION DETAIL

NOTES:

1. MULTIPLE LONGITUDINAL TRENCHES WITH LESS THAN 6'-0" FINISHED SEPARATION BETWEEN EDGES OF TRENCH RESTORATION WILL REQUIRE MILLING AND RESURFACING, AS SHOWN ON BASD-09.
2. WHEN THE EDGE OF TRENCH RESTORATION IS WITHIN 1.5' FROM THE FACE OF CURB OR ROADWAY EDGE OF THE CURB GUTTER, REMOVE THE EXISTING WEARING AND BINDER COURSES AND REPLACE SIMULTANEOUS WITH TRENCH BITUMINOUS COURSES.
3. WHEN THE EDGE OF TRENCH RESTORATION IS WITHIN 3' FROM THE FACE OF CURB OR ROADWAY EDGE OF THE CURB GUTTER, MILL OFF THE EXISTING WEARING COURSE AND REPLACE SIMULTANEOUS WITH THE TRENCH BITUMINOUS WEARING COURSE.
4. NOTES 1, 2 & 3 ALSO APPLY TO BITUMINOUS COURSES OVER BRICK AND CONCRETE ROADWAYS SEE BASD-11 FOR CONCRETE ROADWAYS.

BOROUGH OF AMBRIDGE

BITUMINOUS PAVEMENT
TRENCH RESTORATION

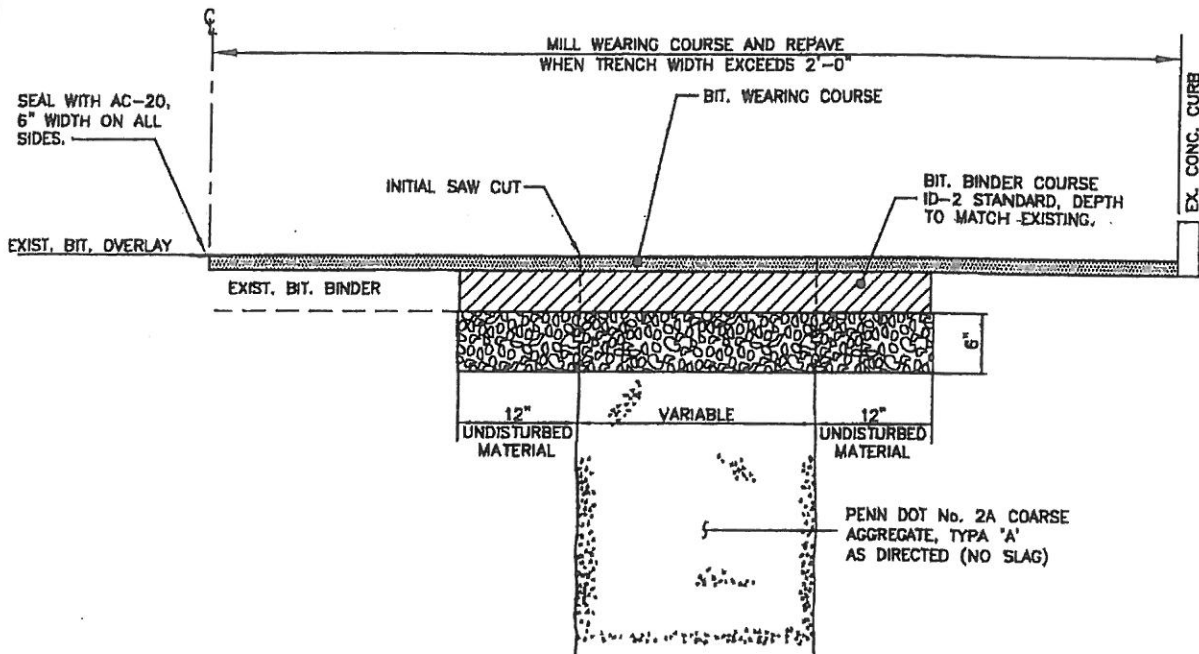
NIRA Consulting Engineers, Inc.

DR. E.E.B.

DATE: MAY, 2004

APPR: F.E.L.

DWG FILE: BASD-09




MILLING AND REPLACEMENT OF BITUMINOUS OVERLAY

NOTE:

1. ALL BACKFILL SHALL BE COMPACTED IN 6" LAYERS, MECHANICALLY TAMPED.
2. TEMPORARY BITUMINOUS COLD PATCH SHALL BE USED IN ALL AREAS WHERE EXISTING FLEXIBLE-BASE PAVEMENT HAS BEEN REMOVED.

 1 1/2" ID-2 BITUMINOUS WEARING COURSE, PENN DOT SECT. 420

 BITUMINOUS BINDER TO BE REPLACED TO PRE-EXCAVATION THICKNESS

 6" No. 2A SUBBASE, PENN DOT SECT. 350

BOROUGH OF AMBRIDGE

MILLING & REPLACEMENT
OF BITUMINOUS OVERLAY

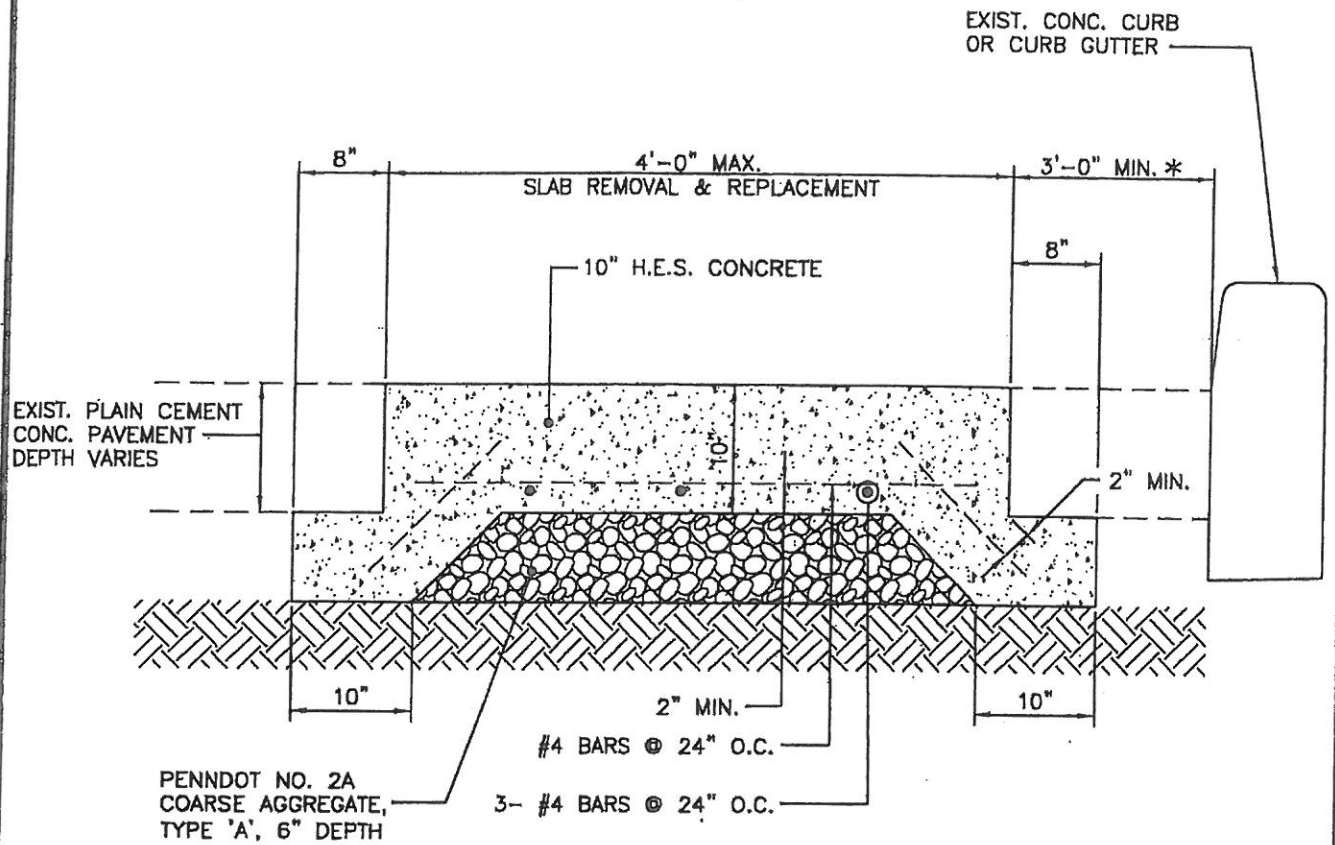
NIRA Consulting Engineers, Inc.

DR. E.E.B.

DATE: MARCH, 2004

APPR: F.E.L.

DWG FILE: BASD-10



CONCRETE TRENCH REPLACEMENT DETAIL

NOTE:
WHEN EDGE OF PROPOSED CONCRETE TRENCH
PAVING IS WITHIN THREE FEET (3') OF ANY EXIST.
LONGITUDINAL JOINT OR CURB, THE EXISTING
CONCRETE PAVEMENT MUST BE REMOVED AND
REPLACED TO THE EXISTING CENTERLINE JOINT OR
CURB

BOROUGH OF AMBRIDGE

CONCRETE TRENCH
REPLACEMENT DETAIL

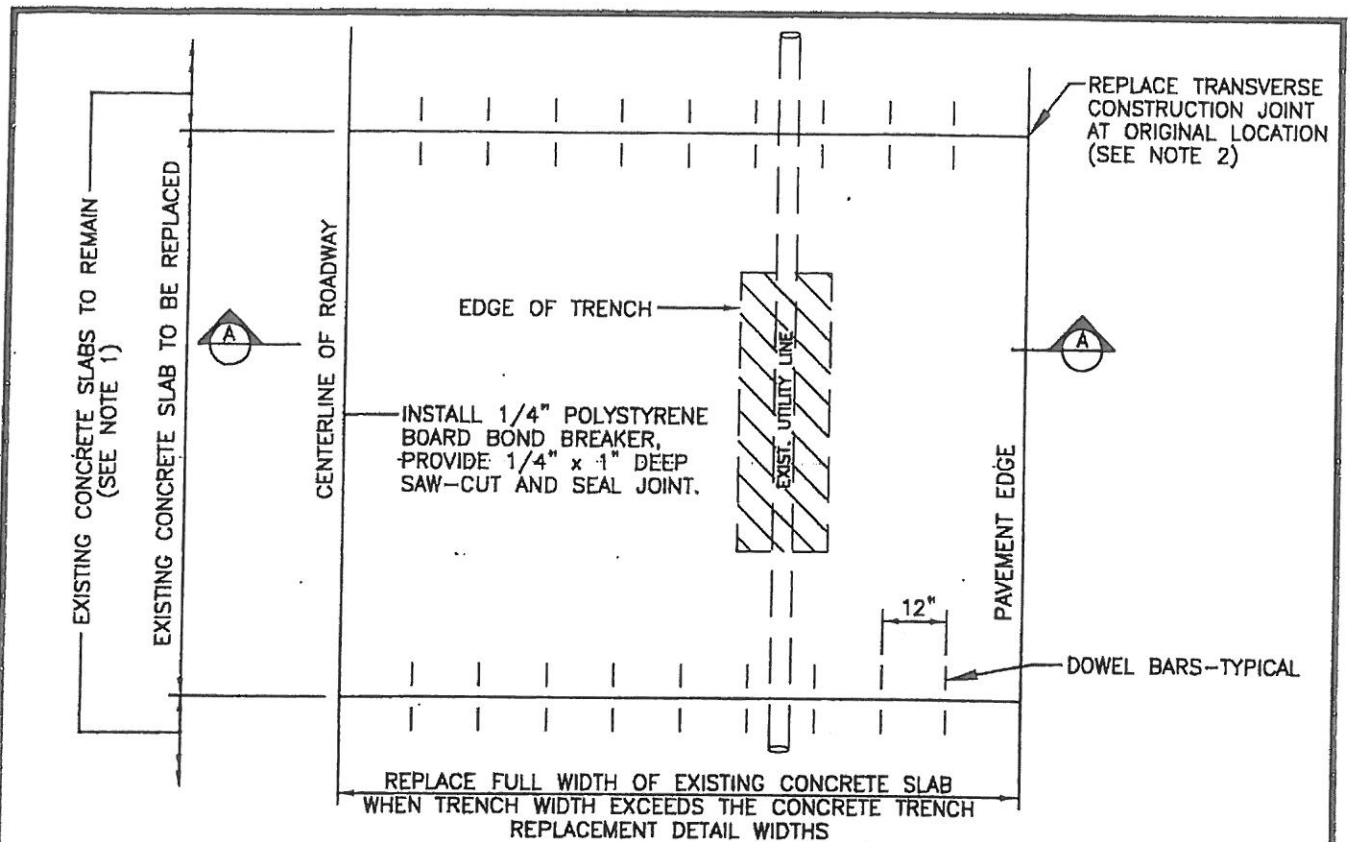
NIRA Consulting Engineers, Inc.

DR. E.E.B.

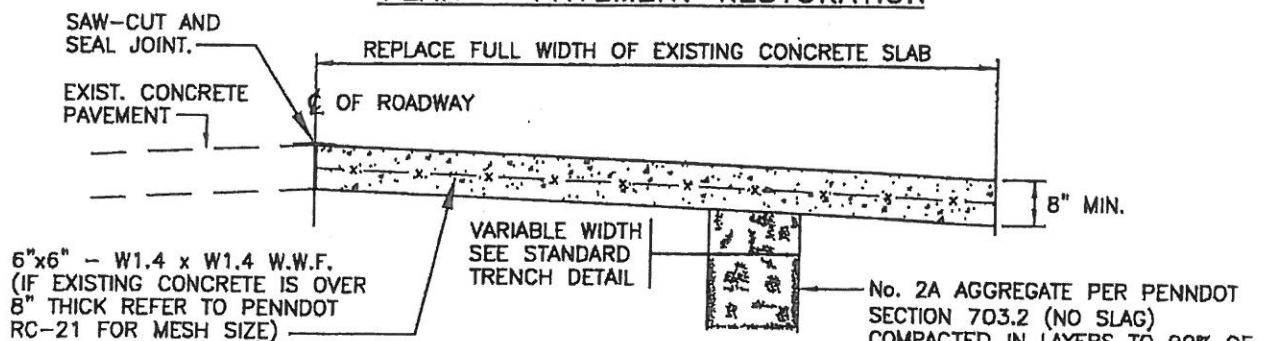
DATE: MARCH, 2004

APPR: F.E.L.

DWG FILE: BASD-12



PLAN - PAVEMENT RESTORATION



SECTION A-A

NOTE:

1. IF EXCAVATION EXTENDS INTO OR IF THE APPLICANTS OPERATIONS CAUSE DAMAGE TO AN ADJACENT SLAB THE FULL WIDTH OF THE SLAB SHALL BE REPLACED.
2. TRANSVERSE JOINTS MAY BE RELOCATED WHEN LESS THAN ONE-HALF OF THE LENGTH OF A SLAB IS AFFECTED BY THE OPENING. IN NO CASE SHALL A RELOCATED TRANSVERSE JOINT RESULT IN A SLAB LENGTH LESS THAN 6 FEET.
3. WHEN MORE THAN ONE SLAB LENGTH IS REPLACED THE NEW TRANSVERSE JOINTS SHALL CONFORM WITH PENNDOT RC-20 (TYPE E) WHERE REPLACEMENT SLABS ABUT EXISTING SLABS, IN THE SAME LANE, THE TRANSVERSE JOINTS SHALL CONFORM TO THE PATCHING JOINT DETAILS 'A' AND 'B' PER PENNDOT RC-26, SHEET 1 OF 5.

8" MINIMUM "AA" CEMENT CONCRETE OR MATCH EXISTING THICKNESS

NO. 2A AGGREGATE PER PENNDOT SECTION 703.2 (NO SLAG)

BOROUGH OF AMBRIDGE

CONCRETE PAVEMENT
RESTORATION

NIRA Consulting Engineers, Inc.

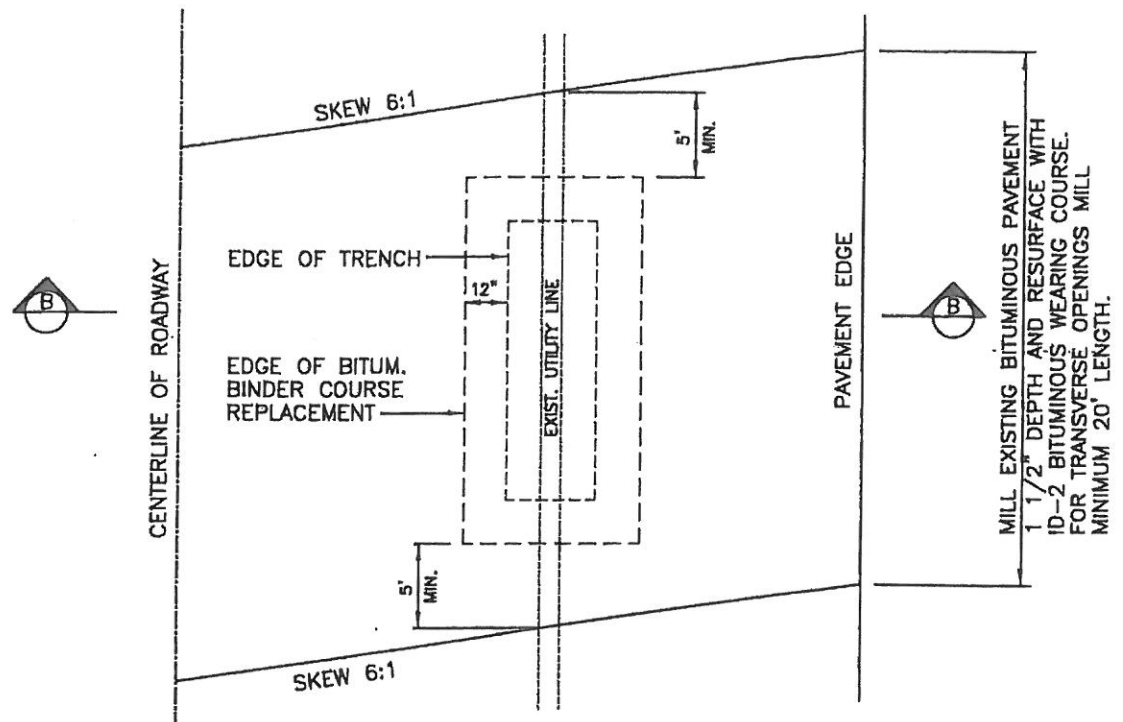
DR. E.E.B.

DATE: MARCH, 2004

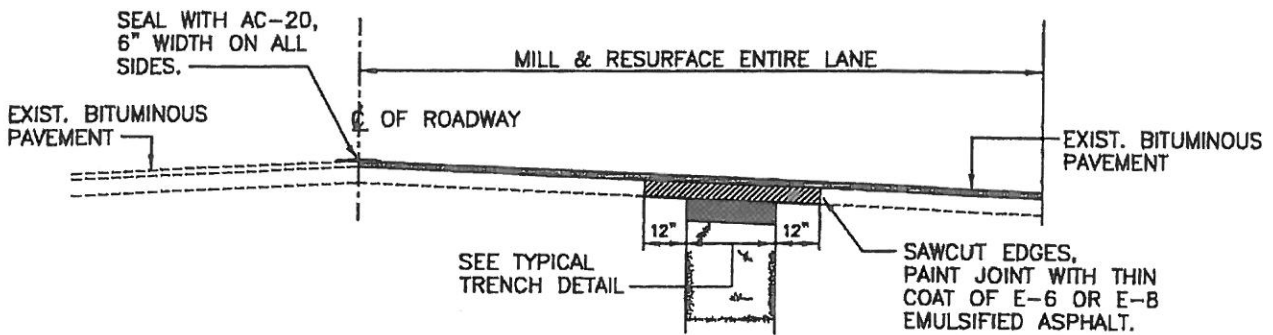
APPR: F.E.L.

DWG FILE: BASD-13

(APPLICABLE ONLY TO ROADS RESURFACED IN THE LAST FIVE (5) YEARS.)



PLAN - PAVEMENT RESTORATION DETAIL 'B'



SECTION B-B

NOTE:

1. 2" MINIMUM BITUMINOUS COLD PATCH (TEMPORARY SURFACE) REQUIRED IN TRENCH AREA PRIOR TO FINAL SURFACING.
2. IF UTILITY OPENING EXTENDS INTO OR INVOLVES BOTH LANES THE ENTIRE CARTWAY SHALL BE MILLED AND RESURFACED.
3. THE MINIMUM LENGTH OF THE MILLED AND RESURFACED AREA SHALL BE 20 FEET.

1 1/2" ID-2 BITUMINOUS WEARING COURSE, PENNDOT SECT. 420

5" BITUMINOUS CONCRETE BASE COURSE, PENNDOT SECT. 305

6" No. 2A SUBBASE, PENNDOT SECT. 350

BOROUGH OF AMBRIDGE

STANDARD BITUMINOUS
PAVEMENT REPLACEMENT DETAIL

NIRA Consulting Engineers, Inc.

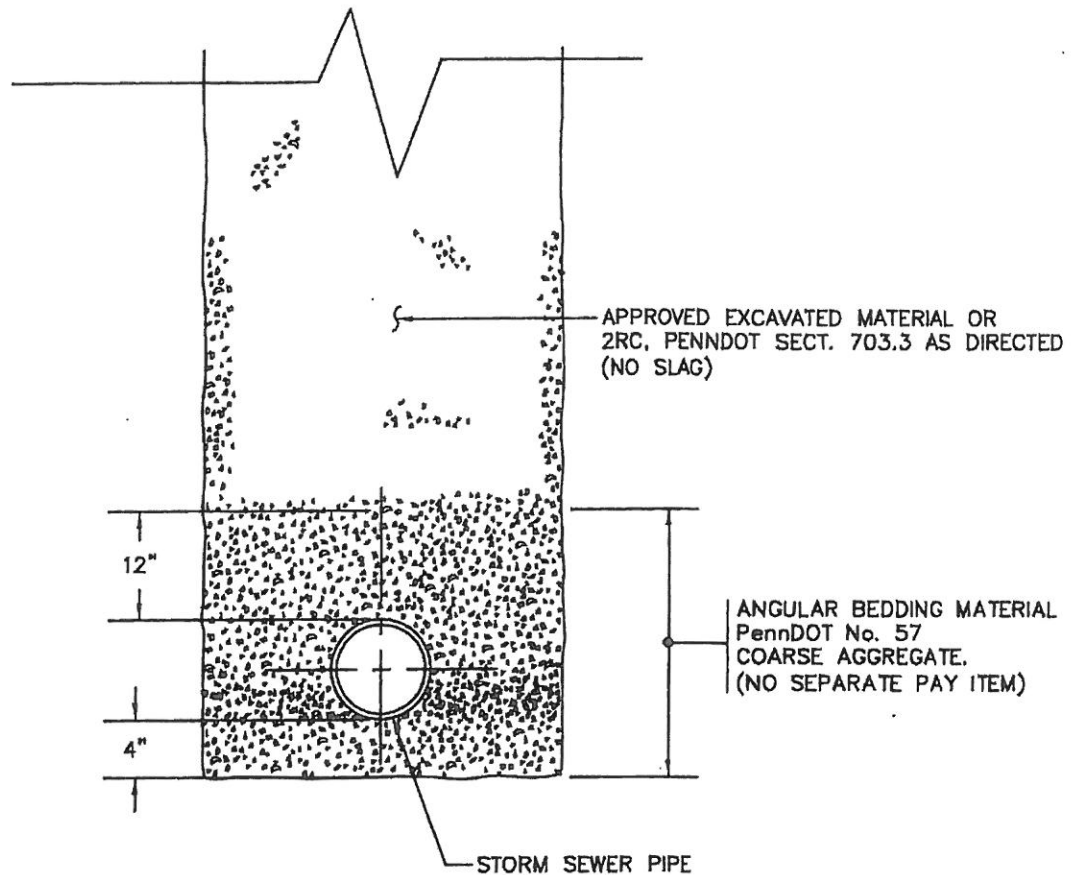
DR. E.E.B.

DATE: MARCH, 2004

APPR: F.E.L.

DWG FILE: BASD-14

SEE APPROPRIATE DETAIL FOR
VARIOUS SURFACE RESTORATION.



NOTES:

1. ALL BACKFILL SHALL BE COMPACTED IN 6" LAYERS,
MECHANICALLY TAMPED.

BOROUGH OF AMBRIDGE

STANDARD TRENCH DETAIL

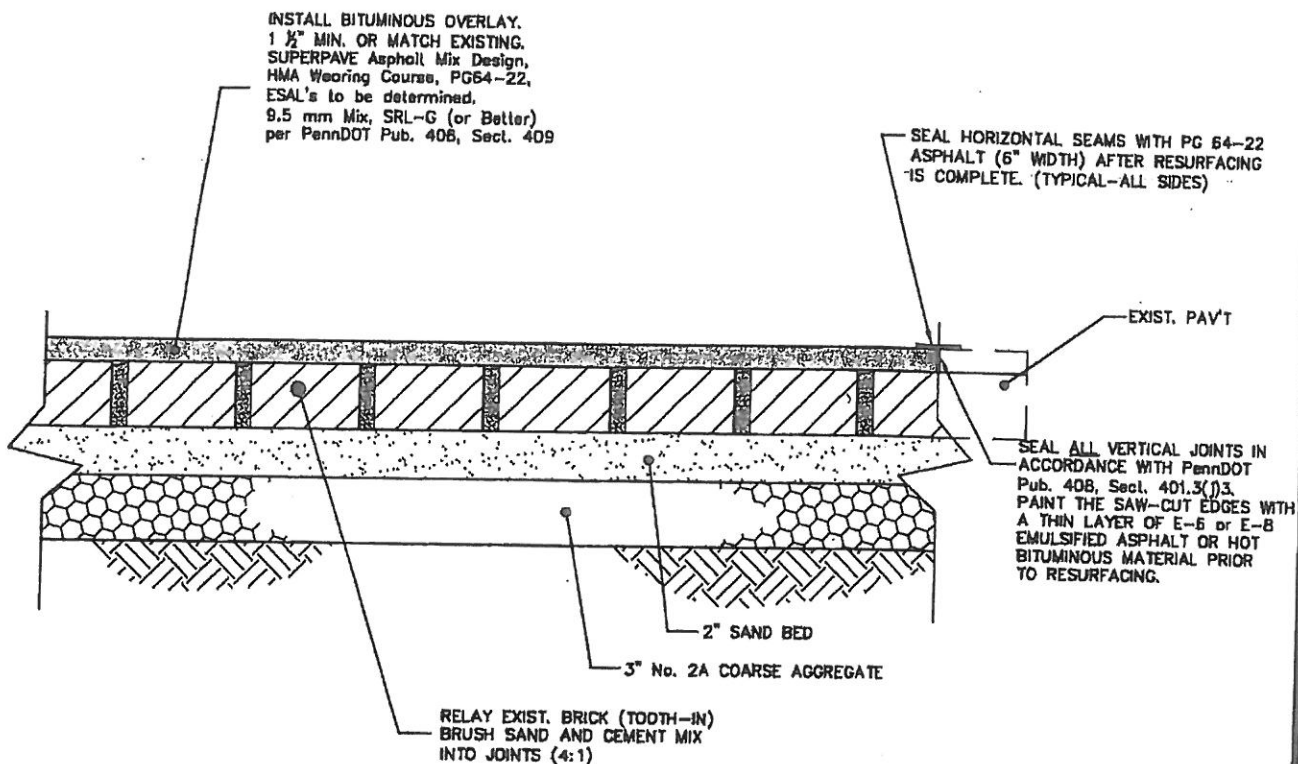
NIRA Consulting Engineers, Inc.

DR. CPS

DATE: FEB, 2008

APPR: F.E.L.

DWG FILE: BASD-16



NOTES

1. IF BINDER COURSE OVERLAY IS PRESENT, REPLACE WITH 2 1/2" MIN. (OR MATCH EXISTING) OF SUPERPAVE 19mm HMA.
2. MULTIPLE LONGITUDINAL TRENCHES WITH LESS THAN 6'-0" FINISHED SEPARATION BETWEEN EDGES OF TRENCH RESTORATION WILL REQUIRE MILLING AND RESURFACING, AS SHOWN ON BASD-09.
3. WHEN THE EDGE OF TRENCH RESTORATION IS WITHIN 1.5' FROM THE FACE OF CURB OR ROADWAY EDGE OF THE CURB GUTTER, REMOVE THE EXISTING BITUMINOUS OVERLAY AND BRICK BASE COURSES AND REPLACE SIMULTANEOUS WITH TRENCH COURSES.
4. WHEN THE EDGE OF TRENCH RESTORATION IS WITHIN 3' FROM THE FACE OF CURB OR ROADWAY EDGE OF THE CURB GUTTER, MILL OFF THE EXISTING WEARING COURSE AND REPLACE SIMULTANEOUS WITH THE TRENCH BITUMINOUS WEARING COURSE.
5. NOTES 1, 2, 3, & 4 ALSO APPLY TO BITUMINOUS COURSES OVER CONCRETE ROADWAYS. SEE BASD-12 FOR CONCRETE ROADWAYS.

BOROUGH OF AMBRIDGE

BITUMINOUS OVER BRICK
PAVEMENT RESTORATION

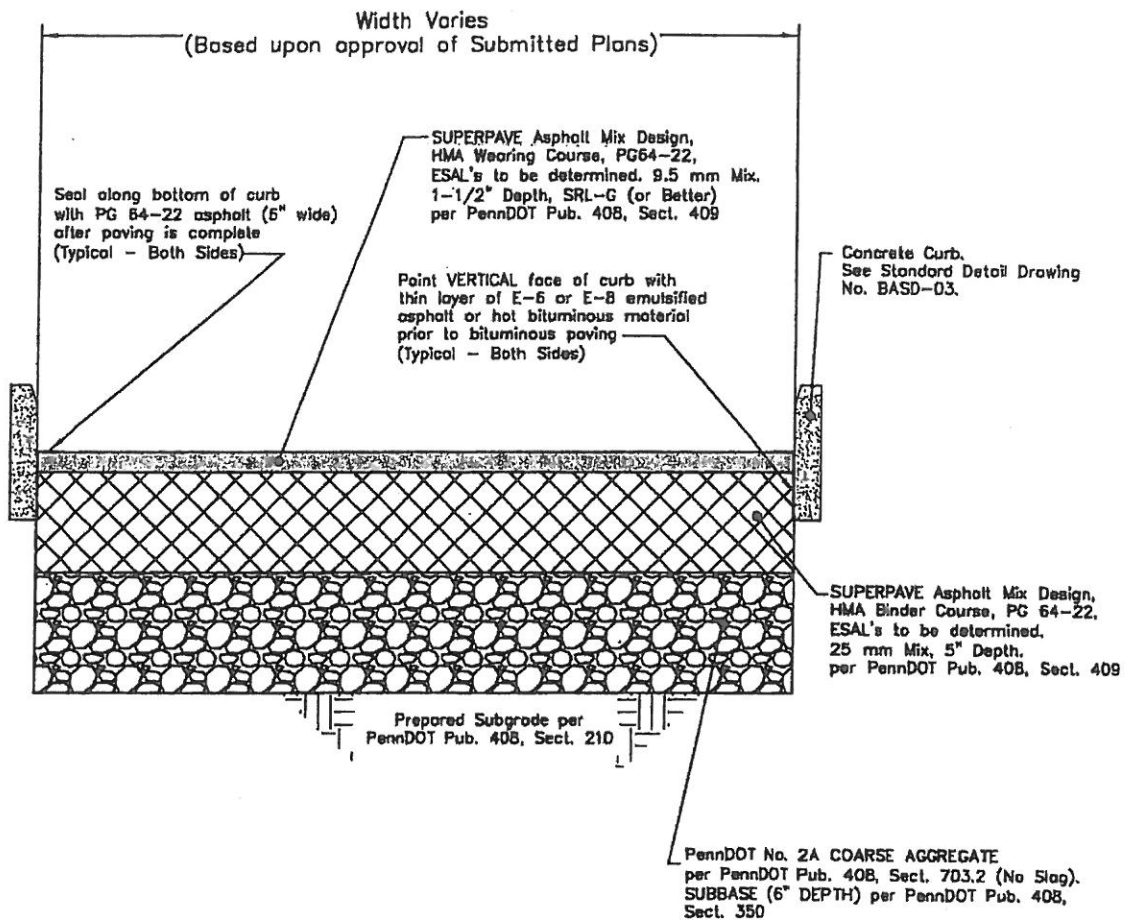
NIRA Consulting Engineers, Inc.

DR. E.E.B.

DATE: DECEMBER 2009

APPR: F.E.L.

DWG FILE: BASD-17



BOROUGH OF AMBRIDGE

BITUMINOUS PAVEMENT
FOR NEW ROADWAYS

NIRA Consulting Engineers, Inc.

DR. CPS

DATE: OCTOBER 2010

APPR: F.E.L.

DWG FILE: BASD-18