



ROBERT P. ASTORINO
County Executive

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

VINCENT F. KOPICKI, P.E.
Commissioner

February 7, 2017

Mr. Christopher Tallarini, P.E.
Senior Project Engineer
WSP- Parsons Brinckerhoff
555 Pleasantville Road
Briarcliff Manor, New York 10510

Re: C.R. #4, Washington Avenue & CR#79, So. Greeley Avenue
WCDPWT Road Permit Review (Town of New Castle)
Proposed Chappaqua Streetscape and Infrastructure Improvement Project
Town of New Castle, New York

Dear Mr. Tallarini:

I am writing to you regarding your request for our preliminary review of the above referenced project.

Your application has been reviewed; the following comments will serve as a guideline in order to fulfill all requirements for our approval:

TRAFFIC ENGINEER: INCOMPLETE – ▲ Separate pavement marking plan shall be provided, clearly showing all lanes, symbols/letters, double yellow lines, stop bars and crosswalk lines (Type S)- which are required for all brick paver crosswalks. Center line stationing shall be drawn in the background to insure markings are visible. ▲ The proposed intersection corner bump outs at Woodburn Avenue appear to impact truck turns causing single unit trucks (SU-30) to over track the double yellow line on South Greeley Avenue, a condition that does not occur now. These bump outs shall be removed or adjusted to eliminate this over tracking conflict. ▲ WCDPWT Traffic Engineering shall be notified, at 914-995-2555, forty-eight (48) hours in advance of lane closures on the County Roads. ▲ Bus stop impacts shall be reviewed with Andrew Ziegler, 914-813-7769, WCDPWT Surface Transportation. ▲ The Table of Maintenance shall be adjusted, as per the Superintendent of Roads' comments regarding maintenance of the brick crosswalks, as well as the proposed traffic signal at King Street and South Greeley Avenue, which **will not** be Westchester County owned/maintained.

DRAINAGE ENGINEER: INCOMPLETE – ▲ The new Type C frame and grates should be labeled with a proposed rim since the road grades are changing. ▲ Minimum slope on proposed drain lines should be set at 0.50% to ensure proper flow. ▲ Have all NYSDEC/ACOE requirements been met?

HIGHWAY ENGINEER: INCOMPLETE- ▲ If possible, specify plastic jersey barrier around sidewalk closures. ▲ Typical Section TYP-01: for full depth reconstruction sections, it is more conventional to have a 2" thickness of top course, and 3" of binder course, rather than the 2.5"-2" which is shown. ▲ TYP-03: concrete sidewalk thickness is typically 5". ▲ Sheet SSD-04: white stripe should be used on crosswalks, painted on or outside of the stone curb on each side. ▲ Curb cuts and ramps, even the ones utilizing brick patterning, should adhere to NYSDOT layout standards. ▲ GDD-02: would prefer that abandoned pipes be filled with low strength material or similar backfill, to avoid future settling. ▲ Water and drainage line trenches in pavement should utilize control density backfill material, to a point below the roadway subbase.

▲ Drainage plan shown on GDP-02 appears to differ from layout shown on ESP-02. Will new pipe connect to culvert or drain to a new outfall? If the first, then will a detail be provided for connection of pipe to existing culvert? ▲ New frames and grates with curb box should utilize the “DRAINS TO RIVER” logo, as required by County-Wide MS4 Stormwater Management Plan. ▲ Confirm that notes are added to restore the full staging area on County property in front of the Town Hall.

SUPT. OF ROADS: INCOMPLETE – ▲ Applicant shall include attached WCDPWT Roadway Standard Details. ▲ Full depth pavement replacement shall match existing road profile. ▲ Crosswalks installed under this project are to be maintained by the local municipality, including pavement repair. ▲ Catch basins shall have bicycle safe grates with Campbell Type N curb section or equivalent.

Should you have any further questions, please do not hesitate to contact me at (914) 995-2594.

Very truly yours,

Michael R. Dispenza

Michael R. Dispenza
Permit Agent

Encls.

cc: J. Statini
W. Makar
J. Nicholson
K. Roseman
J. Dean
A. Ventarola
Town of New Castle



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WESTCHESTER COUNTY
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION

ROAD MAINTENANCE DIVISION
198 LAKE STREET
WHITE PLAINS, NY 10604
(914) 995-4951

Superintendent of Road Maintenance- Jim Statini
Asst. Superintendent of Road Maintenance- Bill Makar
No. Westchester Engineering Inspector- John Nicholson
So. Westchester Engineering Inspector- George Ireland

PERMIT AGENT
148 MARTINE AVENUE, ROOM 522
WHITE PLAINS, NY 10601
(914) 995-2594

Permit Agent - Michael Dispenza

REPLACE 4" WHITE EDGE
LINE AS REQUIRED

REPLACE ASPHALT TO EDGE OF
ROAD OR FACE OF CURB

TACK COAT ENTIRE SURFACE
AND ALL VERTICAL EDGES
BEFORE ASPHALT IS PLACED

CONCRETE - 4000 PSI

CONTROLLED LOW STRENGTH
MATERIAL (K-CRETE)
BACKFILL ONLY

FOUNDATION MATERIAL
(SEE SPECIFICATIONS)

MILLING/PAVEMENT
LIMIT

2" MIN. TOP COURSE
NYS DOT ITEM 403.1701 - TYPE 6F

HOT LIQUID ASPHALT SEALANT
AROUND PERIMETER (TYP.)
PER NYS DOT 702-0700

SAW CUT
PERIMETER ONLY

DUCTILE ITON CEMENT LINED
OR AS SPEC.

COMPACTED
SUBGRADE

PERMANENT CONCRETE PAVEMENT REPLACEMENT WITH ASPHALT OVERLAY

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

WCDPW ROADWAY STANDARD DETAILS
CONCRETE PAVEMENT WITH ASPHALT OVERLAY DETAILS
WESTCHESTER COUNTY, NY

DATE:
10/29/08

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PAGE NUMBER:
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ROADWAY RESURFACING SAW CUT
PAVEMENT, HOT SEAL EDGE AND
REPAIR ASPHALT OVERLAY
AS REQUIRED.

MEET EXISTING OR 2" MIN TOP
COURSE - NYSDOT ITEM 403.16

RESTORE SURFACE
AS REQUIRED

ASPHALT
OVERLAY

EXISTING PAVEMENT

EXISTING SUBBASE

FLUSH GROUT VOID

NEW CONCRETE CURB

CONCRETE CURB

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

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10/29/08

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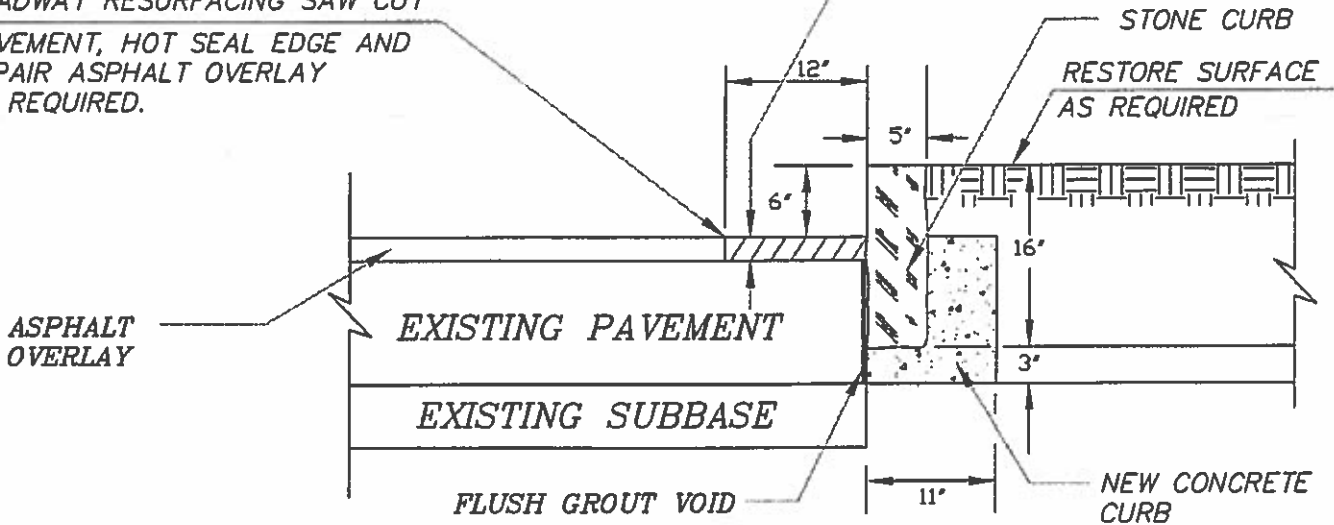
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WCDPW ROADWAY STANDARD DETAILS
CONCRETE CURB DETAIL
WESTCHESTER COUNTY, NY

FILENAME.EXT:

ROADWAY RESURFACING SAW CUT
PAVEMENT, HOT SEAL EDGE AND
REPAIR ASPHALT OVERLAY
AS REQUIRED.

MEET EXISTING OR 2" MIN TOP
COURSE - NYSDOT ITEM 403.16



STONE CURB

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

WCDPW ROADWAY STANDARD DETAILS
STONE CURB DETAIL
WESTCHESTER COUNTY, NY

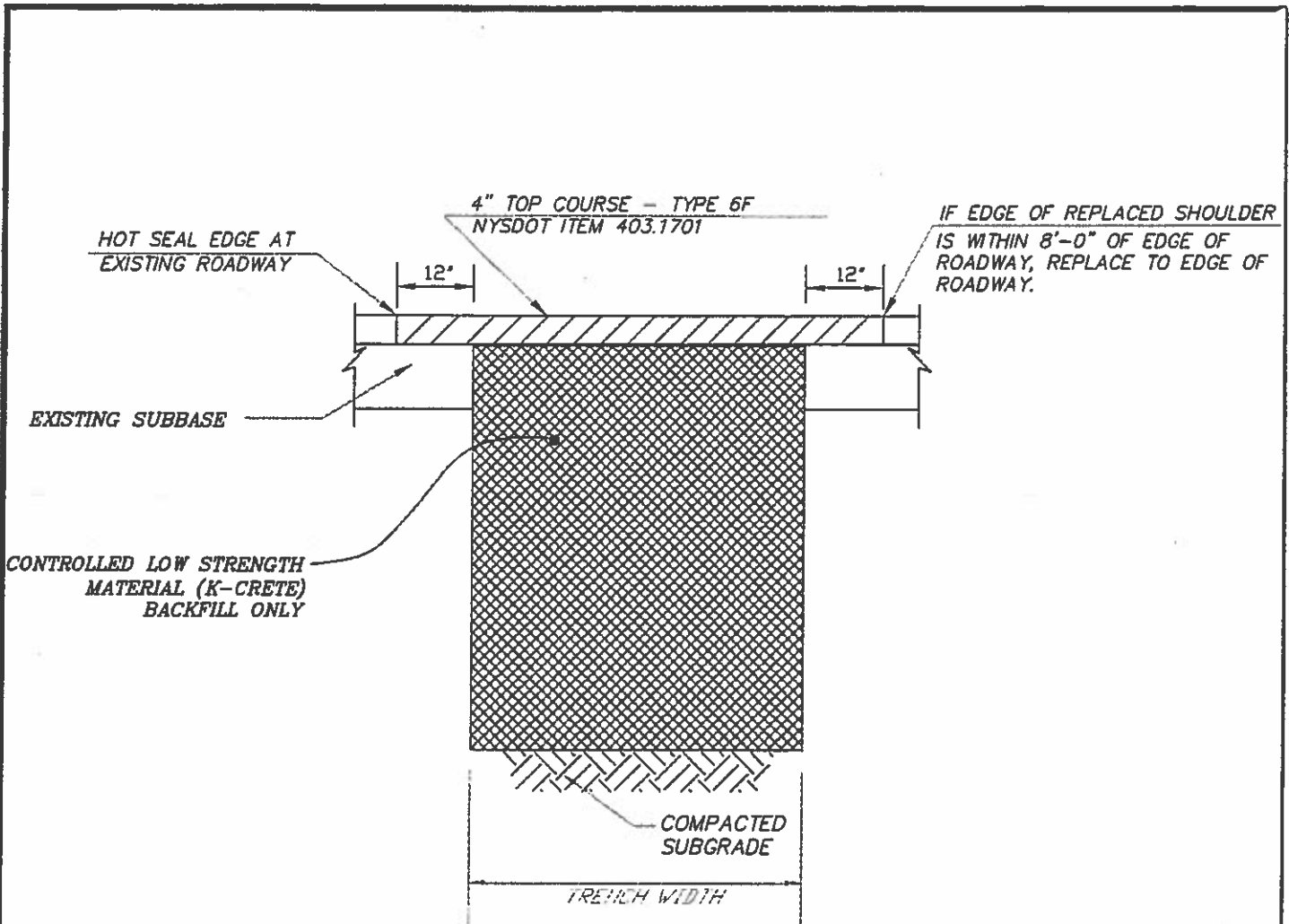
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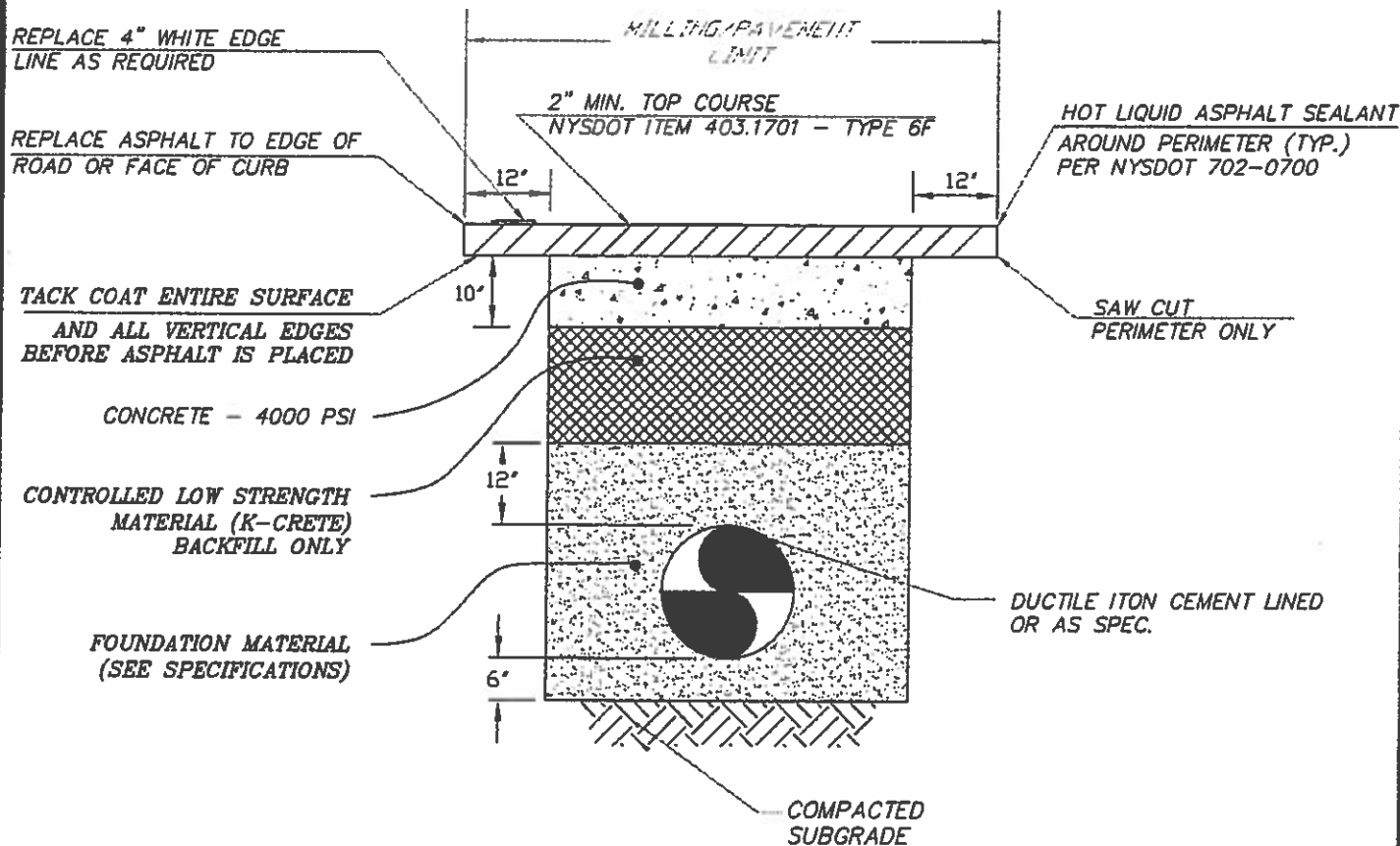
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DETAIL OF PERMENANT ASPHALT
SHOULDER REPLACEMENT

COUNTY OF WESTCHESTER DEPARTMENT OF PUBLIC WORKS DIVISION OF ROAD MAINTENANCE	DATE: 10/29/08	PAGE NUMBER: x of x
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WCDPW ROADWAY STANDARD DETAILS PERMENANT ASPHALT SHOULDER REPLACEMENT DETAILS WESTCHESTER COUNTY, NY		FILENAME.EXT:



1. TEMPORARY PAVEMENT REPLACEMENT WILL BE ALLOWED ONLY WHEN ASPHALT PLANTS ARE NOT IN OPERATION. WHEN TEMP. PAVEMENT IS USED, CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND UPKEEP OF SAID PATCH UNTIL PERMENANT PATCH IS INSTALLED.

2. UPON THE AVAILABILITY OF ASPHALT, THE CONTRACTOR SHALL EXCAVATE THE "K-KRETE" BACKFILL TO THE ORDERED DEPTH AND REPLACE WITH 4000 PSI CONCRETE AND THE REQUIRED 2" THICK ASPHALT TO THE LIMITS AND SPECIFICATIONS AS SHOWN.

3. STEEL PLATES OF ADEQUATE SIZE SHALL BE PLACED OVER ALL TRENCHES UNTIL THE 4000 PSI CONCRETE PLUG IS DEEMED PASSABLE.

4. STEEL PLATES SHALL BE PINNED AS REQUIRED TO PREVENT MOVEMENT. DURING WINTER ALL STEEL PLATES SHALL BE RECESSED.

PERMENANT CONCRETE PAVEMENT REPLACEMENT WITH ASPHALT OVERLAY

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

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10/29/08

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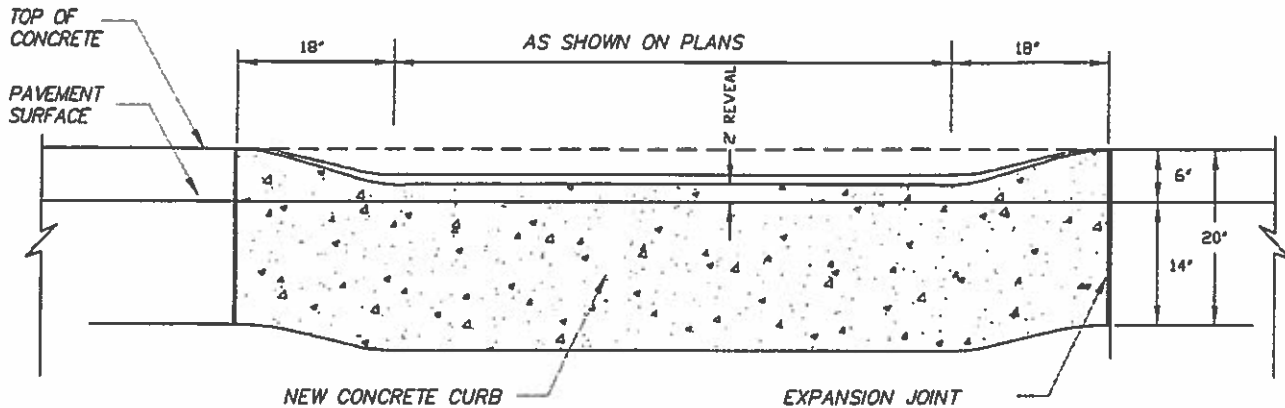
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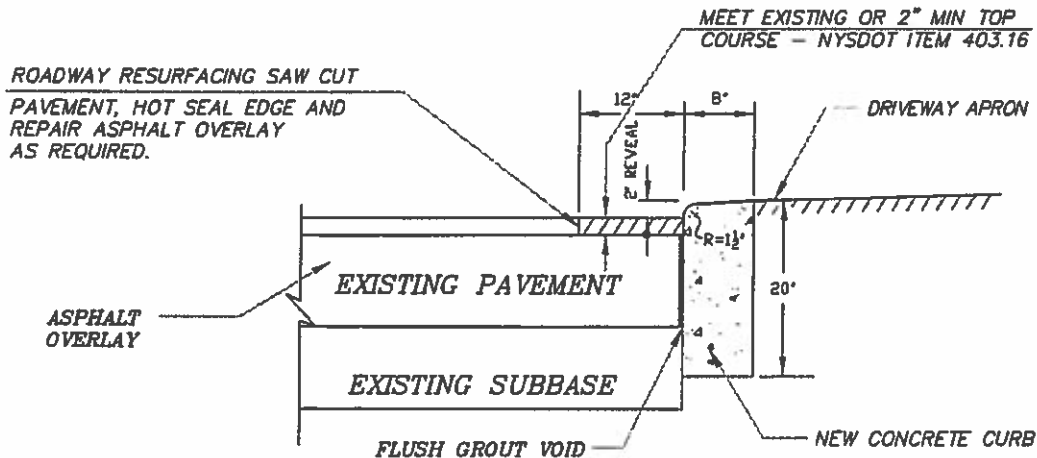
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CONCRETE PAVEMENT WITH ASPHALT OVERLAY DETAILS
WESTCHESTER COUNTY, NY

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DEPRESSED CONCRETE CURB CURB ELEVATION



DEPRESSED CONCRETE CURB SECTION

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

WCDPW ROADWAY STANDARD DETAILS
DEPRESSED CURB DETAIL
WESTCHESTER COUNTY, NY

DATE:
10/29/08

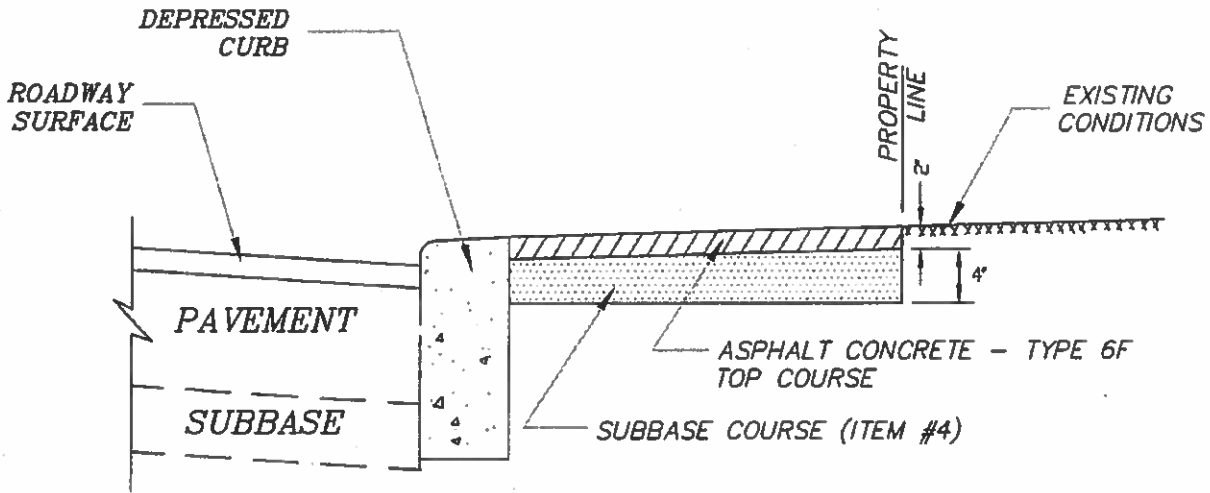
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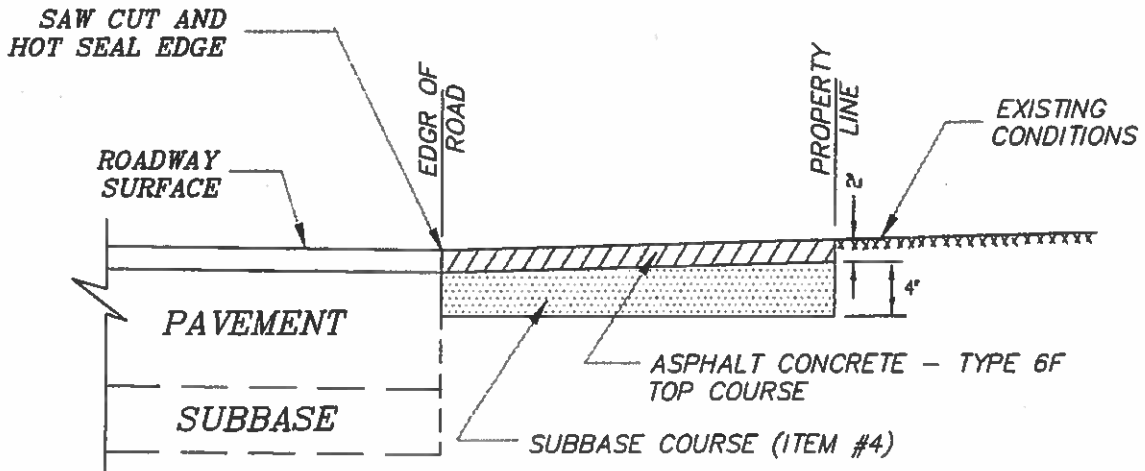
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***NOTE:** EXCAVATION OF DRIVEWAY AT PROPERTY LINE SHALL EQUAL ELEVATION OF THE CENTERLINE OF ROADWAY.



ASPHALT DRIVEWAY APRON
ADJACENT TO CURB

***NOTE:** EXCAVATION OF DRIVEWAY AT PROPERTY LINE SHALL EQUAL ELEVATION OF THE CENTERLINE OF ROADWAY.



ASPHALT DRIVEWAY APRON
ADJACENT TO ROADWAY

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

WCDPW ROADWAY STANDARD DETAILS
DRIVEWAY APRON DETAILS
WESTCHESTER COUNTY, NY

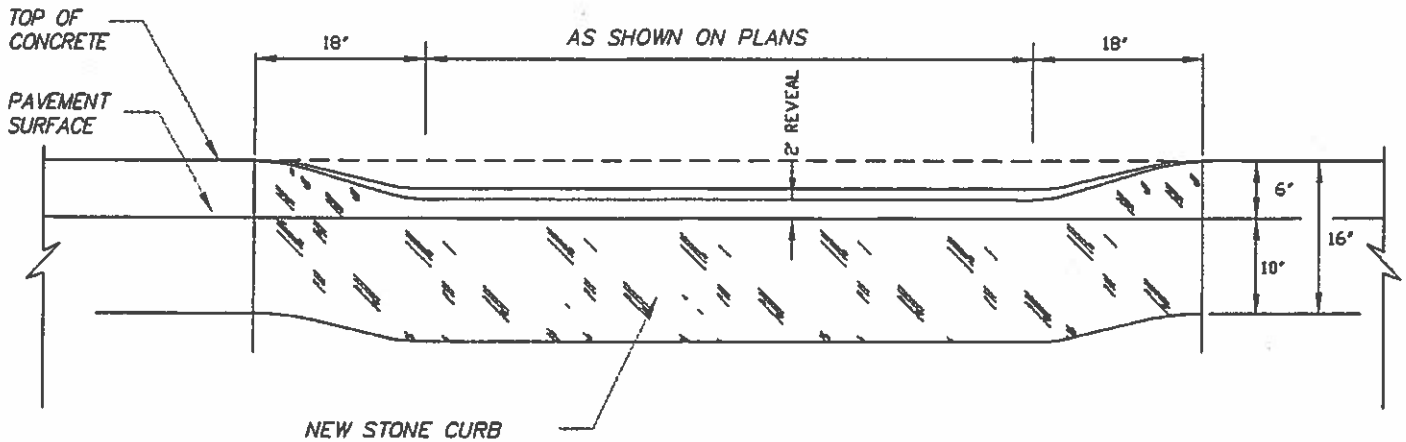
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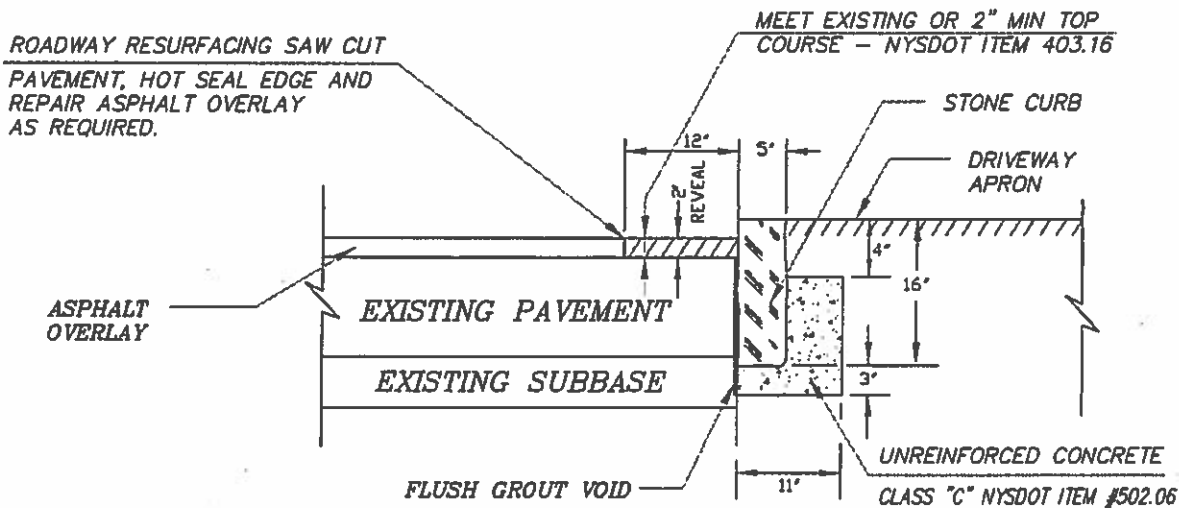
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DEPRESSED STONE CURB ELEVATION



DEPRESSED STONE CURB SECTION

COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROAD MAINTENANCE

WCDPW ROADWAY STANDARD DETAILS
DEPRESSED STONE CURB DETAILS
WESTCHESTER COUNTY, NY

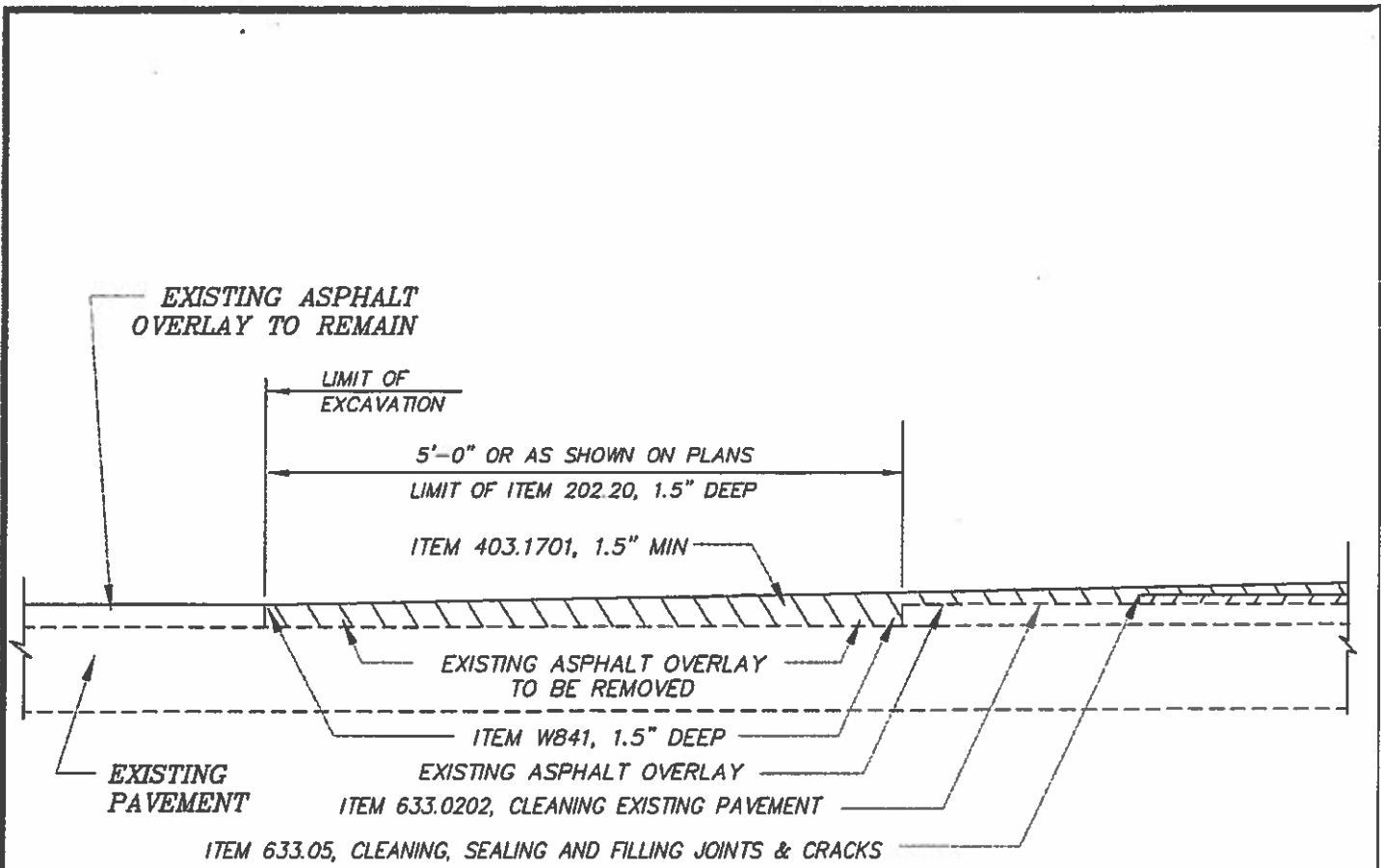
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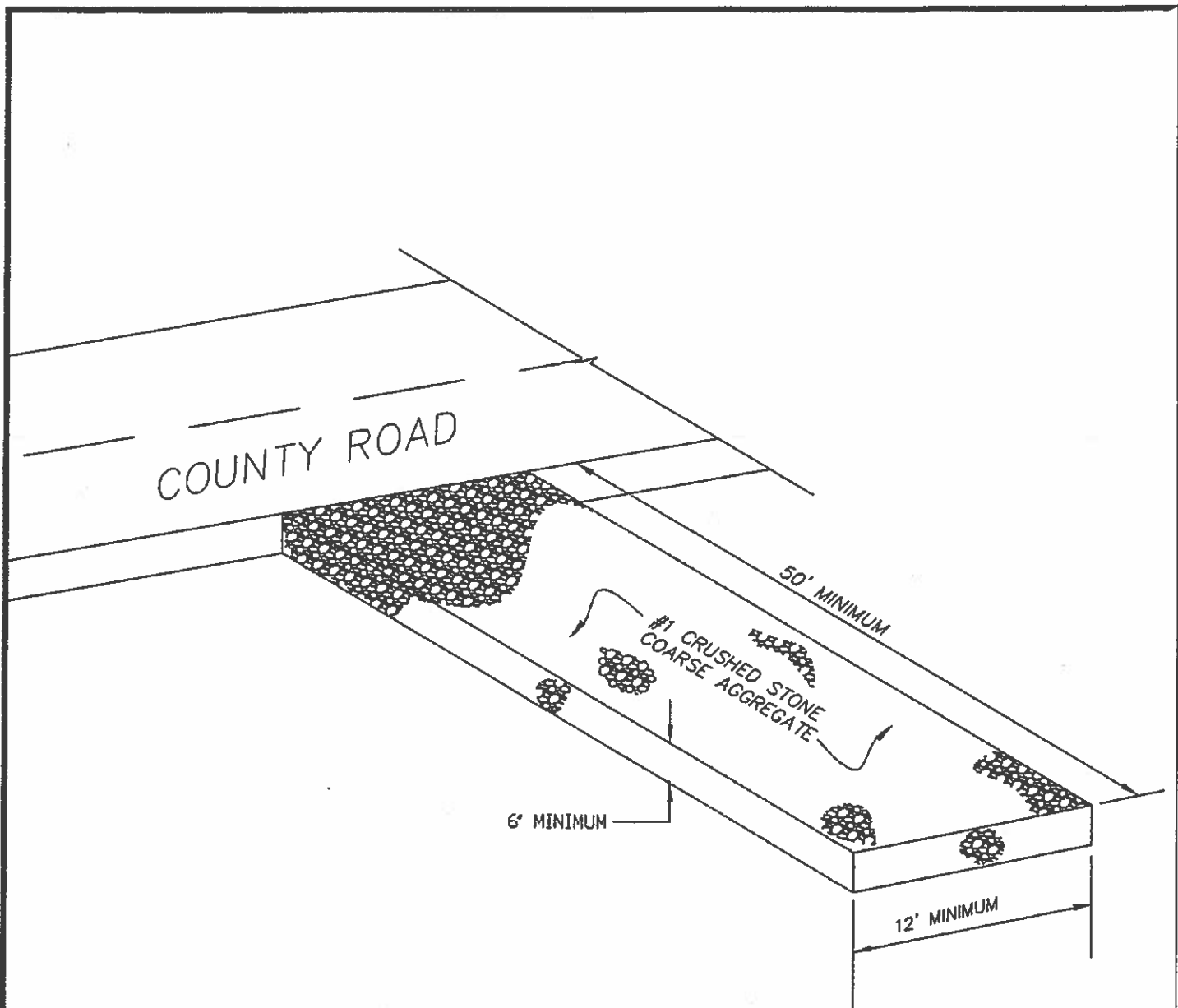
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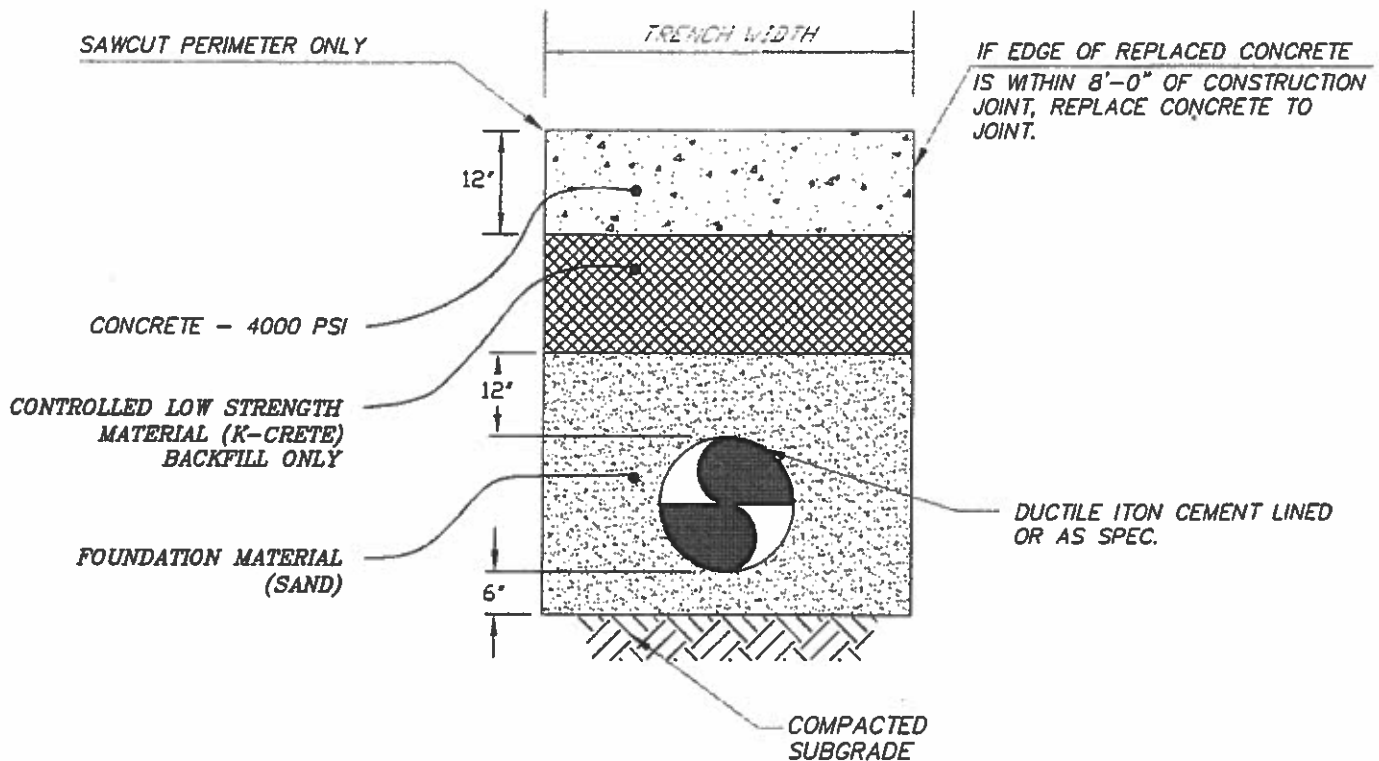
RESURFACING TRANSITIONS BEGIN AND END RESURFACING

COUNTY OF WESTCHESTER DEPARTMENT OF PUBLIC WORKS DIVISION OF ROAD MAINTENANCE	DATE: 10/29/08	PAGE NUMBER: x of x
	WCDPW ROADWAY STANDARD DETAILS RESURFACING TRANSITION DETAIL WESTCHESTER COUNTY, NY	DRAWN BY:
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CONSTRUCTION ENTRANCE

COUNTY OF WESTCHESTER DEPARTMENT OF PUBLIC WORKS DIVISION OF ROAD MAINTENANCE WCDPW ROADWAY STANDARD DETAILS CONSTRUCTION ENTRANCE WESTCHESTER COUNTY, NY	DATE:	10/29/08	PAGE NUMBER:	x of x
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DETAIL OF PERMENANT CONCRETE PAVEMENT REPLACEMENT FOR COUNTY ROADS

COUNTY OF WESTCHESTER DEPARTMENT OF PUBLIC WORKS DIVISION OF ROAD MAINTENANCE WCDPW ROADWAY STANDARD DETAILS PERMENANT CONCRETE PAVEMENT REPLACEMENT DETAILS WESTCHESTER COUNTY, NY	DATE: 10/29/08	PAGE NUMBER: x of x
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