03 - HIGHWAY
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
HWY-01	HIGHWAY INDEX OF DRAWINGS		
HWY-02	TYPICAL SECTIONS		
HWY-03	HIGHWAY PLAN		

DESIGNED BY:

VN ENGINEERS, INC.
116 WASHINGTON AVE.
NORTH HAVEN, CT 06473
(203) 234-7862

Sofia M Nirshberg
2016.05.26
07:35:09-04'00'

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 5/26/2016

DESIGNER/DRAFTER: **A. MUKON**
CHECKED BY: **R. GOMEZ**
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_092-0668_HWY-001.dgn

SIGNATURE/ BLOCK:

VN ENGINEERS INC.
Traffic • Infrastructure • Planning
116 WASHINGTON AVENUE
NORTH HAVEN, CT 06473
203.234.7862

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 03093
I-91 OVER FRONT STREET
AND QUINNIPIAC RIVER

TOWN: **NEW HAVEN**

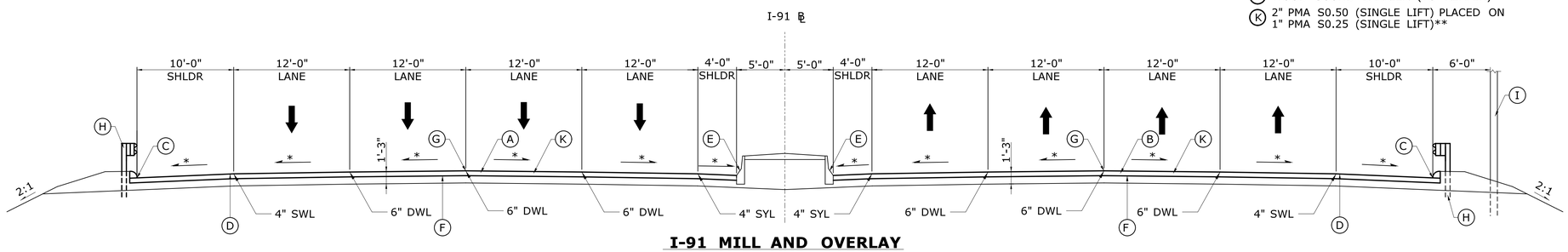
DRAWING TITLE: **HIGHWAY INDEX OF DRAWINGS**

PROJECT NO. **92-668**
DRAWING NO. **HWY-01**
SHEET NO. **03.01**

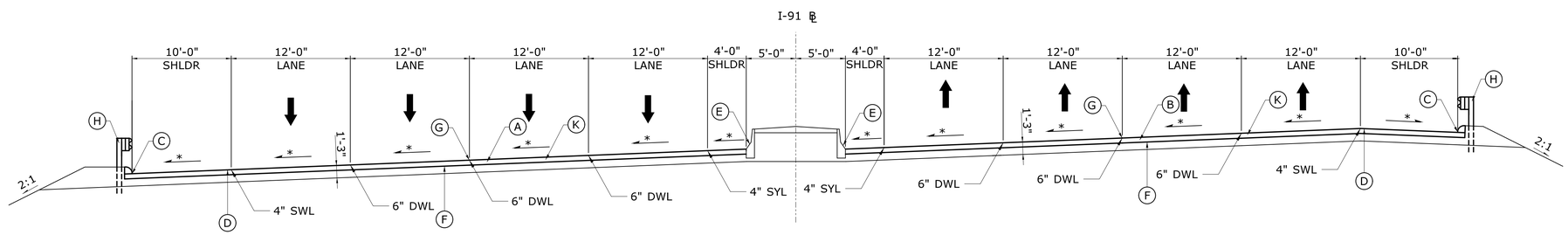
Border Version: 11/14/08

LEGEND

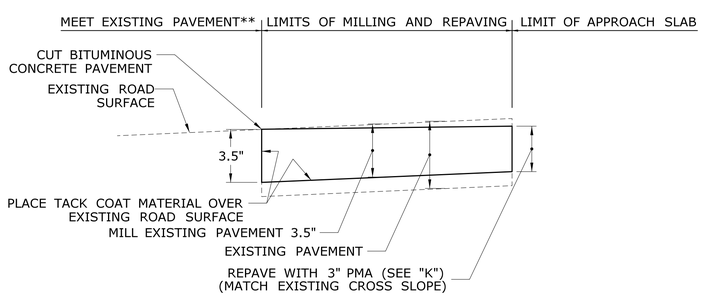
- (A) MILL EXISTING SB PAVEMENT TO DEPTH OF APPROACH SLABS (3-1/2" MAX)
- (B) MILL EXISTING NB PAVEMENT TO DEPTH OF APPROACH SLABS (3-1/2" MAX)
- (C) EXISTING ASPHALT CURB TO BE REPLACED WITH 6" BITUMINOUS CONCRETE LIP CURBING
- (D) PROPOSED RUMBLE STRIP
- (E) EXISTING PRECAST CONCRETE BARRIER (TO REMAIN)
- (F) MATERIAL FOR TACK COAT
- (G) POINT OF APPLICATION OF GRADE
- (H) MBR (TYPE RB-350) (TO BE REMOVED AND RESET)
- (I) WOOD SOUND BARRIER (TO REMAIN)
- (K) 2" PMA S0.50 (SINGLE LIFT) PLACED ON 1" PMA S0.25 (SINGLE LIFT)**



I-91 MILL AND OVERLAY
STA. 92+25 TO STA. 93+51.73
NOT TO SCALE



I-91 MILL AND OVERLAY
STA. 98+63.36 TO STA. 101+25
NOT TO SCALE



PAVEMENT TRANSITION DETAIL
STA. 92+25 TO STA. 93+51.73
STA. 98+63.36 TO STA. 101+25
NOT TO SCALE

NOTES:
THE ACTUAL FIELD PAVEMENT THICKNESS OVER THE APPROACH SLABS MAY VARY FROM THOSE SHOWN IN THESE SECTIONS DUE TO SURFACE DETERIORATION OR RECENT APPLICATION OF OVERLAY MATERIAL WITHIN THE PROJECT LIMITS.

IF THE PAVEMENT THICKNESS OVER THE APPROACH SLABS IS FOUND TO BE THICKER THAN THE EXPECTED 3.5", LIFT THICKNESS OF PMA S0.25 MAY BE INCREASED TO A MAXIMUM OF 1.5" AND PMA S0.5 LIFT THICKNESS MAY BE INCREASED TO A MAXIMUM OF OF 2.5".

* = MATCH EXISTING CROSS SLOPE
** = REFER TO SECTION 4.06.03 FOR BITUMINOUS CONCRETE ROADWAY SURFACE TRANSITION CRITERIA
SYL = SOLID YELLOW EDGE LINE
SWL = SOLID WHITE EDGE LINE
DWL = DASHED WHITE LANE LINE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 5/26/2016

DESIGNER/DRAFTER: **A. MUKON**
CHECKED BY: **R. GOMEZ**

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_092-0668_TYP-001.dgn

SIGNATURE/BLOCK:
VN ENGINEERS INC.
Traffic • Infrastructure • Planning
316 WASHINGTON AVENUE
NORTH HAVEN, CT 06473
203.234.7862

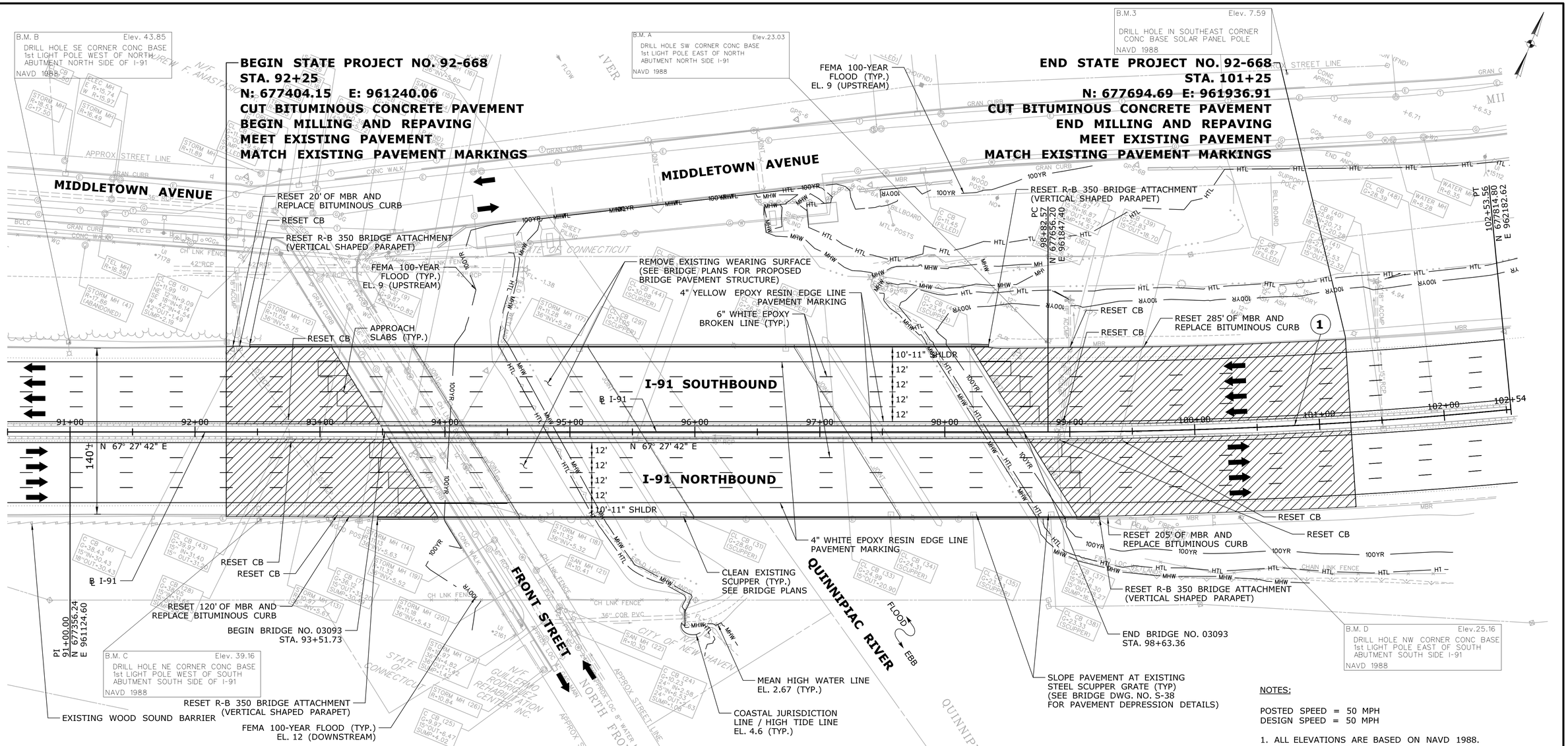
PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 03093
I-91 OVER FRONT STREET
AND QUINNIPIAC RIVER

TOWN: **NEW HAVEN**

DRAWING TITLE: **TYPICAL SECTIONS**

PROJECT NO. **92-668**
DRAWING NO. **HWY-02**
SHEET NO. **03.02**

Border Version: 11/14/08



CURVE 1			
	STATION	NORTHING	EASTING
PC	98+82.57	677656.2	961847.4
PI	100+68.21	677727.36	962018.87
CC		681184.18	960383.3
PT	102+53.56	677814.8	962182.62
RADIUS: 3819.72'		LENGTH: 370.99'	
DELTA: 5°33'53.38" L		TANGENT: 185.64'	
DEGREE OF CURVATURE: 1°30'00.00"			

NOTES:

POSTED SPEED = 50 MPH
DESIGN SPEED = 50 MPH

1. ALL ELEVATIONS ARE BASED ON NAVD 1988.
2. MEAN LOW WATER EL. = -3.50
3. RUMBLE STRIPS SHALL BE INSTALLED ALONG RIGHT AND LEFT SHOULDERS OF I-91 NB/SB WITHIN FINE MILLING AND REPAVING LIMITS. TO BE PAID UNDER ITEM NO. 0406287A "RUMBLE STRIPS - AUTOMATED", SEE SPECIAL PROVISIONS.
4. THE EXISTING OVERLAY TO BE MILLED ON THE NORTHBOUND AND SOUTHBOUND BRIDGE TRAVEL LANES MAY BE UP TO 3.5" THICK.

LEGEND:

MILL AND OVERLAY

TRAVEL DIRECTION

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 5/26/2016

DESIGNER/DRAFTER: **M. BAUER**
CHECKED BY: **R. GOMEZ**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_092-0668_PLN-001.dgn

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Traffic • Infrastructure • Planning
116 WASHINGTON AVENUE
NORTH HAVEN, CT 06473
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PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 03093
I-91 OVER FRONT STREET
AND QUINNIPIAC RIVER

TOWN: **NEW HAVEN**

DRAWING TITLE: **HIGHWAY PLAN**

PROJECT NO. **92-668**
DRAWING NO. **HWY-03**
SHEET NO. **03.03**

Border Versions: 11/29/13