UTILITIES
JERSEY CENTRAL POWER AND LIGHT COMPANY (ELECTRIC)
ELIZABETHTOWN GAS COMPANY (GAS)
NEW JERSEY NATURAL GAS COMPANY (GAS)
SPRINT (TELEPHONE)
SERVICE ELECTRIC CABLE TV OF NJ (CABLE)

State of New Jersey
Department of Transportation

PLANS OF

ROUTE I-80

FROM EAST OF DELAWARE RIVER TO WEST OF KNOWLTON ROAD

CONTRACT NO. 000053960

RESURFACING

HARDWICK AND KNOWLTON TOWNSHIPS **WARREN COUNTY**

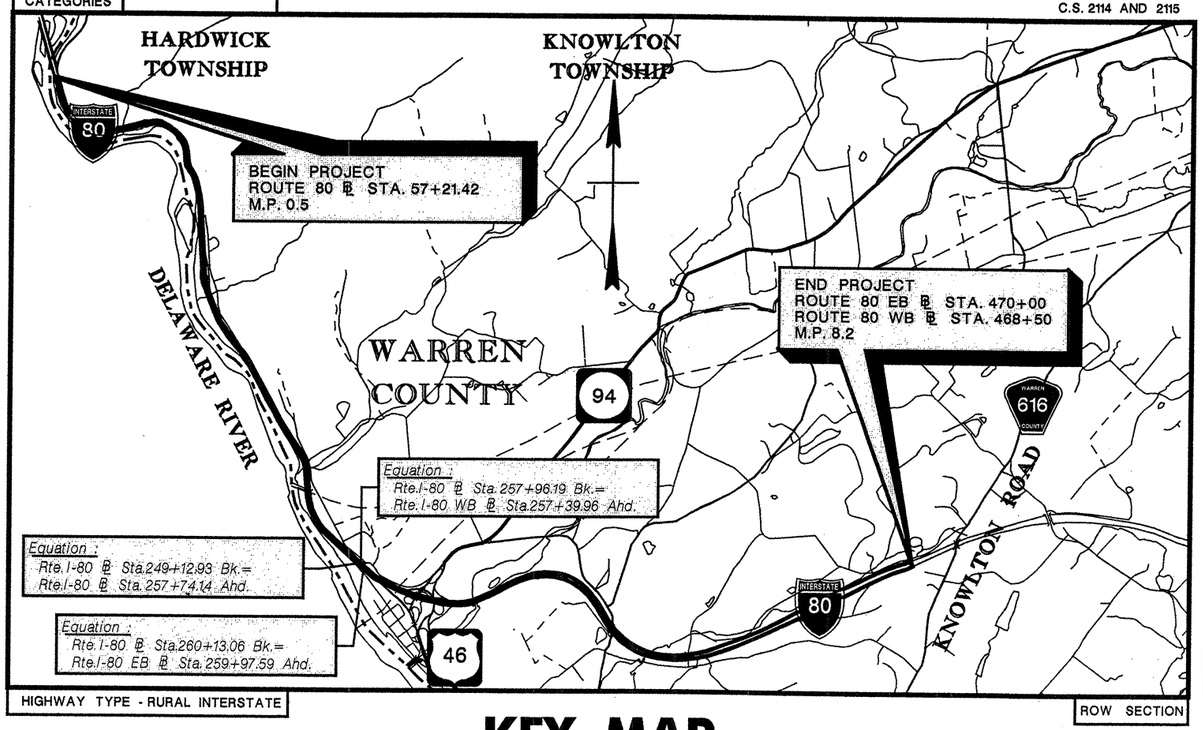
SCALES AS INDICATED **OCTOBER 2006**

STATE	FEDERAL PROJECT NO.
N.J.	

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	KEY
2-3	ESTIMATE
4-9	DISTRIBUTION OF QUANTITIES
10-37	TYPICAL SECTIONS
38-86	CONSTRUCTION PLANS
87-92	TRAFFIC CONTROL DETAILS
93-126	TRAFFIC STRIPING PLANS
127-156	CONSTUCTION DETAILS

PROJECT CATEGORIES	1-3R

C.S. 2114 AND 2115



KEY MAP

5280′ 0 5280′ 10560′

STANDARD ROADWAY CONSTRUCTION - TRAFFIC CONTROL - BRIDGE CONSTRUCTION DETAILS BOOKLET 2001, AND STANDARD ELECTRICAL DETAILS BOOKLET, 2001, ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

MID POINT OF PROJECT

LONGITUDE: 75 ° - 05′- 51″ N

LATITUDE: 40 ° - 55′- 49″ W

ROW SECTIONS
ROUTE 46 SECTION 1
ROUTE 80 SECTION 1D

DESIGN TRAFFIC DATA		
A.D.T. (2006) - 2 WAY	=	54,620
A.D.T. (2016) - 2 WAY	=	66,570
D.H.V. (2016) - 2 WAY	=	6,445
D	=	59%
T	=	17%
V	=	70 M.P.H.

TOTAL LENGTH OF THE PROJECT = 40,484 LIN. FT. OR 7.67 MILES

Submitted by _____ Director, Division of Project Management — Date

Approved by _____ State Transportation Engineer — Date 10/4/06

2001 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION TO GOVERN

NJDOT Design Services

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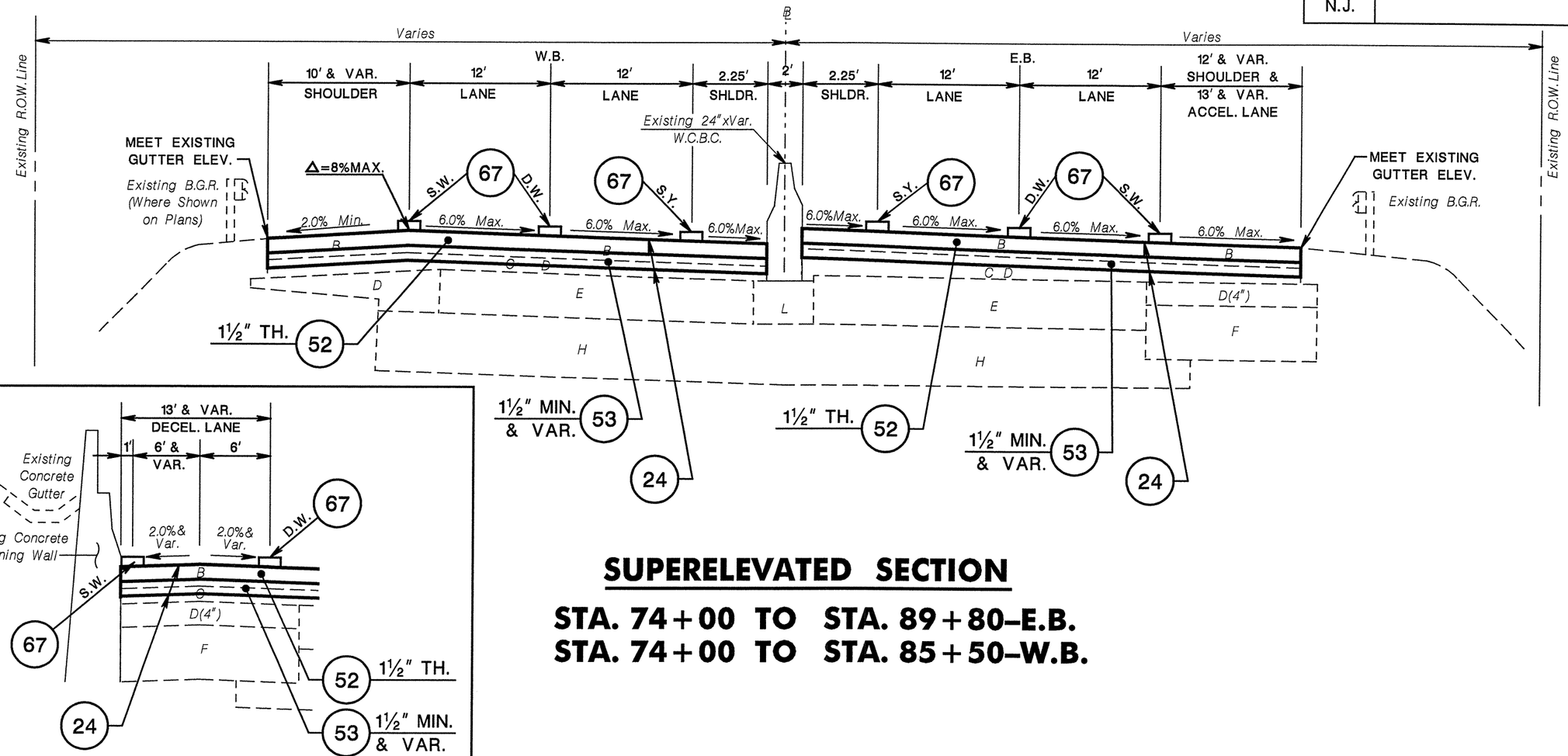
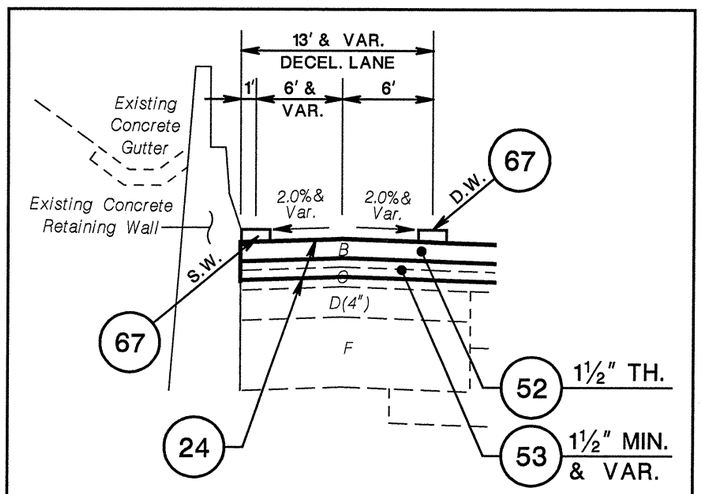
STATE	FEDERAL PROJECT NO.
N.J.	





@ DECEL. LANE

STA. 81+00 TO 85+50

SUPERELEVATED SECTION

STA. 74+00 TO STA. 89+80–E.B.
STA. 74+00 TO STA. 85+50–W.B.

PROPOSED MATERIALS

PAY ITEM NO.	STD. ITEM NO.	DESCRIPTION
24	2B34N	MILLING, 3" VARIABLE DEPTH
52	N4F01	STONE MATRIX ASPHALT 9.5 SURFACE COURSE
53	N4F02	SUPERPAVE HOT MIX ASPHALT 9.5H76 INTERMEDIATE COURSE
67	6R22C	TRAFFIC STRIPES, LONGLIFE, EPOXY RESIN

NOTES:

(1) MAINTAIN EXISTING CROSS SLOPE
(2) MAINTAIN 29" MINIMUM HEIGHT OF BARRIER CURB FROM FINISHED PAVEMENT TO TOP OF BARRIER CURB
(3) MAINTAIN EXISTING LANE & SHOULDER WIDTH

NOT TO SCALE

TS-4 / TS-28

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

ROUTE I-80

CONTRACT NO. 000053960

13

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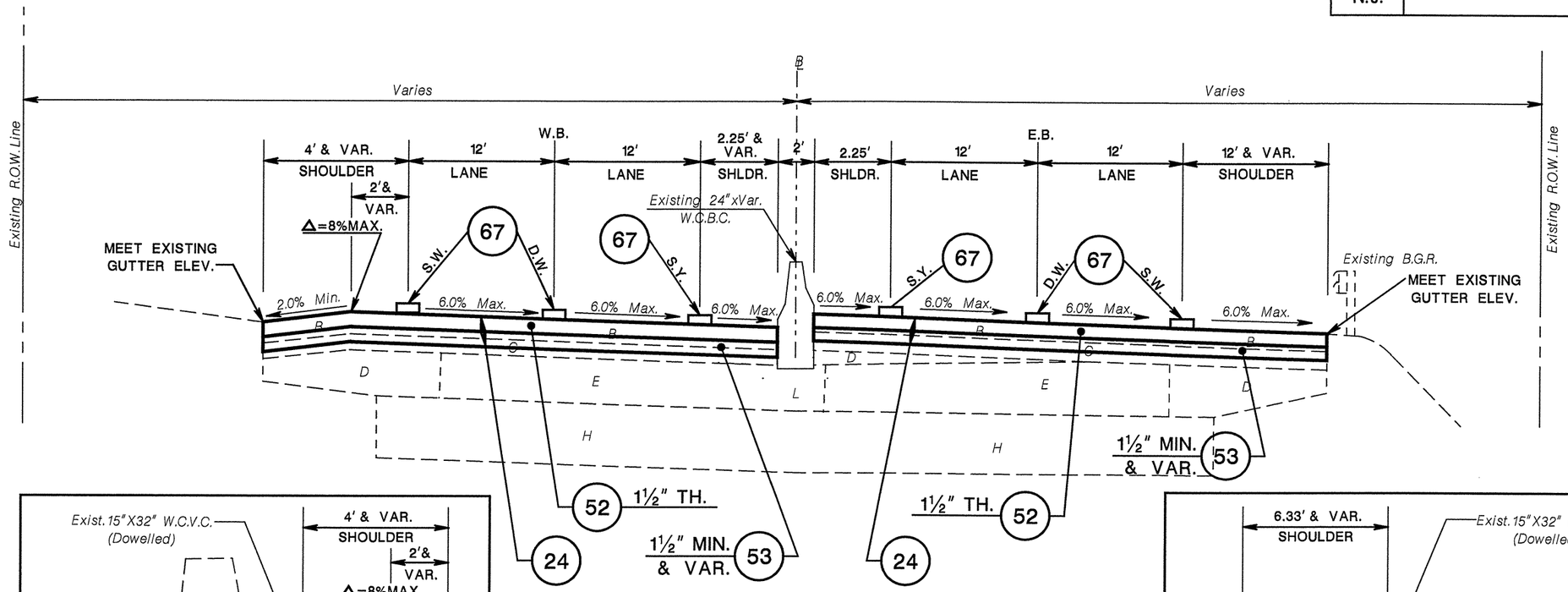
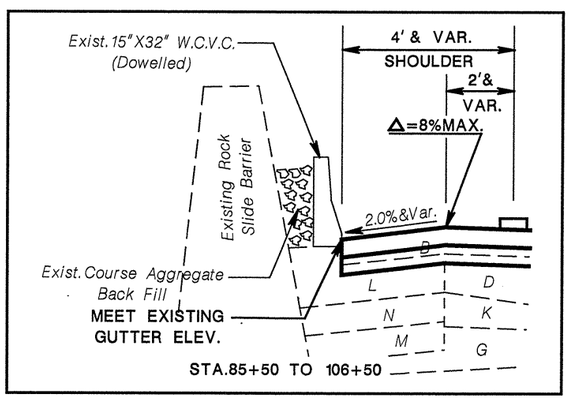
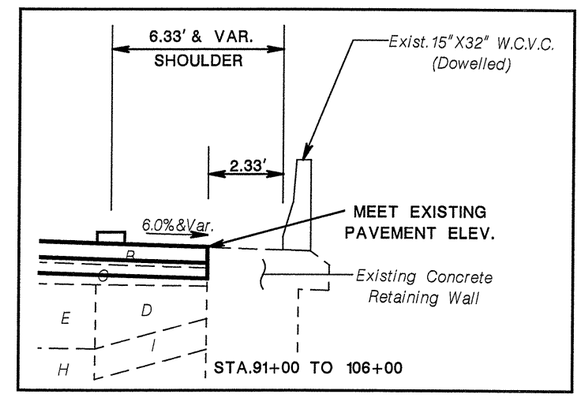
STATE	FEDERAL PROJECT NO.
N.J.	







SUPERELEVATED SECTION

STA. 89+80 TO STA. 116+00–E.B.
STA. 85+50 TO STA. 119+00–W.B.

NOT TO SCALE

TS-5 / TS-28

PROPOSED MATERIALS

PAY ITEM NO.	STD. ITEM NO.	DESCRIPTION
24	2B34N	MILLING, 3" VARIABLE DEPTH
52	N4F01	STONE MATRIX ASPHALT 9.5 SURFACE COURSE
53	N4F02	SUPERPAVE HOT MIX ASPHALT 9.5H76 INTERMEDIATE COURSE
67	6R22C	TRAFFIC STRIPES, LONGLIFE, EPOXY RESIN

NOTES:

(1) MAINTAIN EXISTING CROSS SLOPE
(2) MAINTAIN 29" MINIMUM HEIGHT OF BARRIER CURB FROM FINISHED PAVEMENT TO TOP OF BARRIER CURB
(3) MAINTAIN EXISTING LANE & SHOULDER WIDTH

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

ROUTE I-80

CONTRACT NO. 000053960

14

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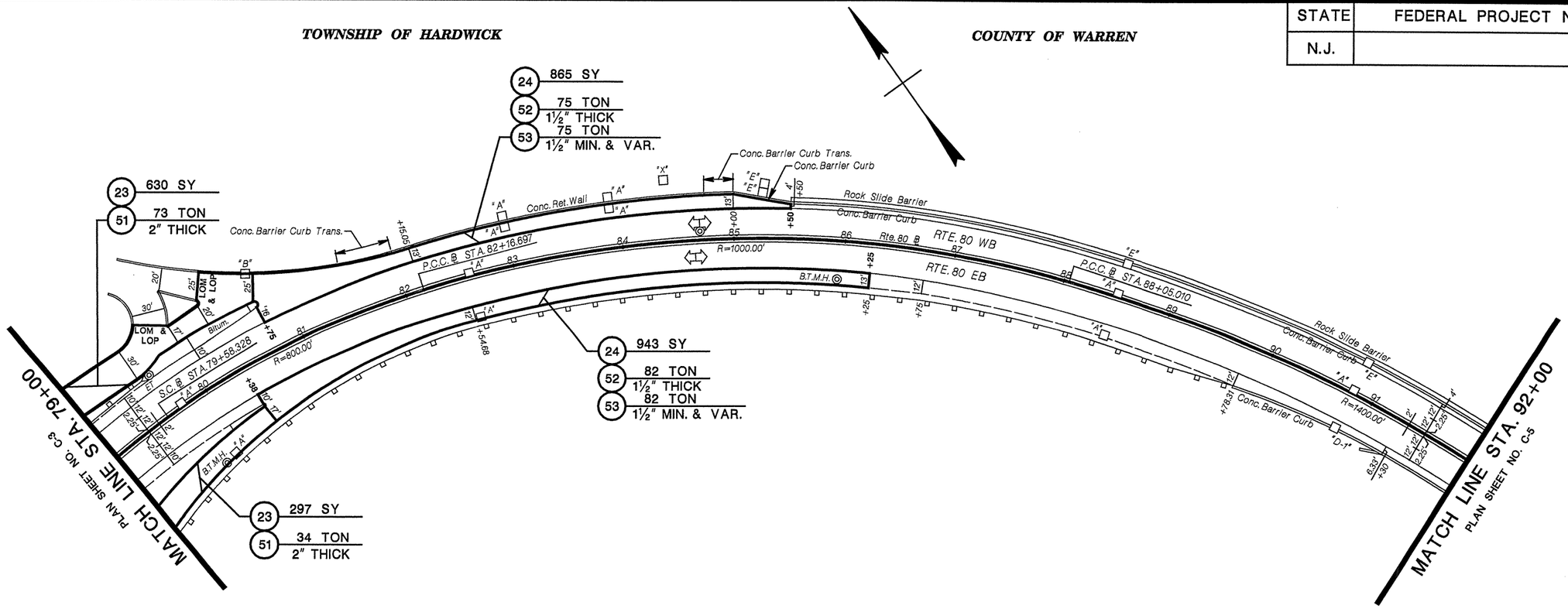
STATE	FEDERAL PROJECT NO.
N.J.	



PAY ITEM NO.	STD. ITEM NO.	TO BE CONSTRUCTED	CONTRACT QUANTITY
23	2B25L	MILLING, 2" DEPTH	927 S.Y.
24	2B34N	MILLING, 3" VARIABLE DEPTH	1808 S.Y.
51	4F02A	SUPERPAVE HOT MIX ASPHALT 12.5H76 SURFACE COURSE	107 TON
52	N4F01	STONE MATRIX ASPHALT 9.5 SURFACE COURSE	157 TON
53	N4F02	SUPERPAVE HOT MIX ASPHALT 9.5H76 INTERMEDIATE COURSE	157 TON

FOR REMAINDER OF QUANTITIES SEE			
ITEM NO.	24	52	53
Sheet # EB	C-38, 39	C-42, 43	C-46, 47
Sheet # WB	C-40, 41	C-44, 45	C-48, 49

100' 50' 0 100' 200'

C-4 / C-49

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLANS

ROUTE I- 80

CONTRACT NO. 000053960

41

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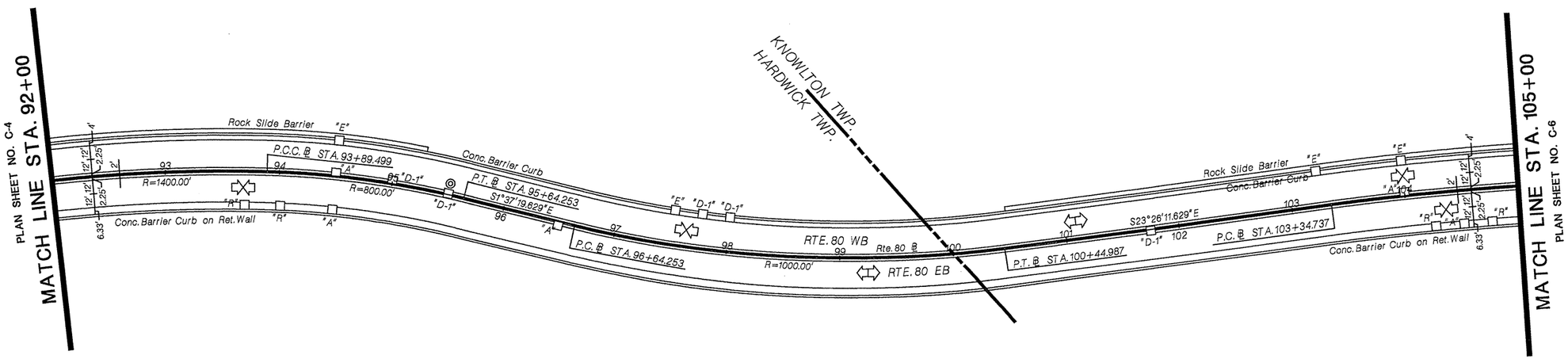
STATE	FEDERAL PROJECT NO.
N.J.	

TOWNSHIP OF HARDWICK

TOWNSHIP OF KNOWLTON

COUNTY OF WARREN



FOR QUANTITIES SEE			
ITEM NO.	24	52	53
Sheet # EB	C-38, 39	C-42, 43	C-46, 47
Sheet # WB	C-40, 41	C-44, 45	C-48, 49

100′ 50′ 0 100′ 200′

C-5
C-49

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLANS

ROUTE I-80

CONTRACT NO. 000053960

42

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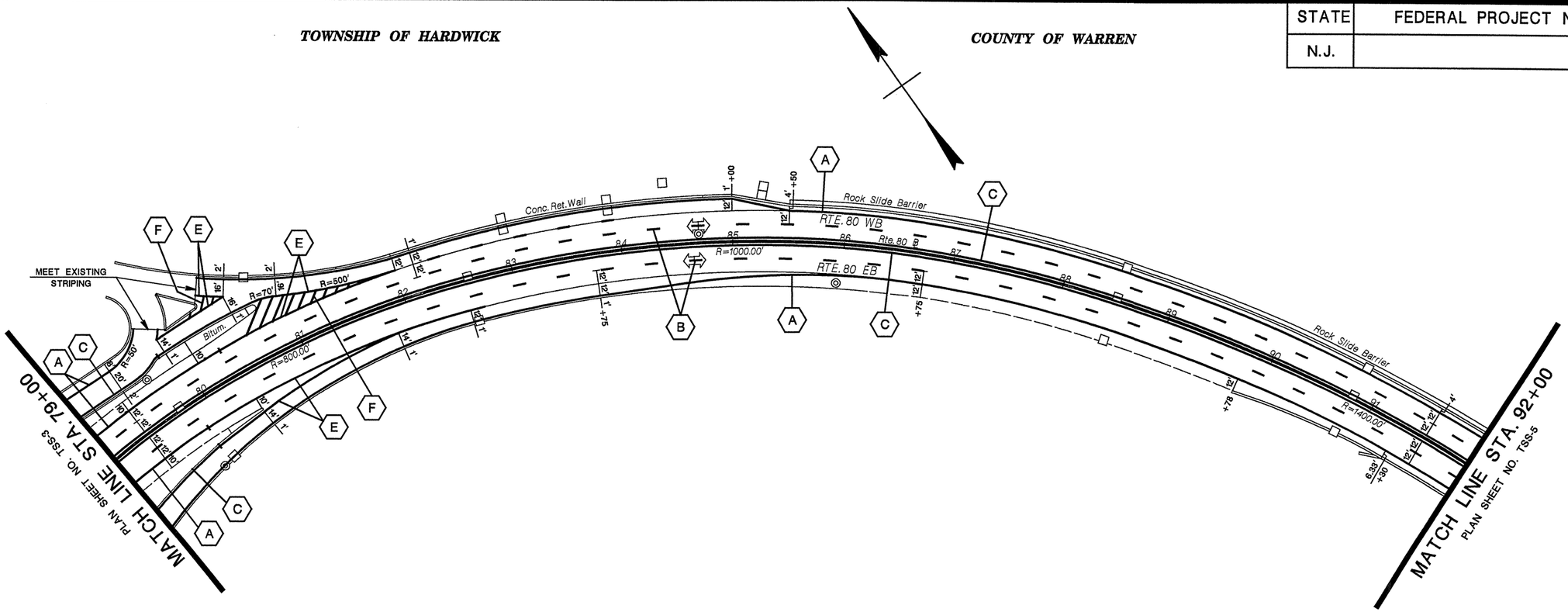
N.J.	



LEGEND

- (A) 4" SOLID WHITE LINE
- (B) 4" DASHED WHITE LINE
- (C) 4" SOLID YELLOW LINE
- (D) 2 - 4" SOLID YELLOW LINES
- (E) 8" SOLID WHITE LINE
- (F) 24" SOLID WHITE LINES SPACED 12' c to c @ 45°

100' 50' 0 100' 200'

TSS-4 / TSS-34

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC STRIPING PLANS

ROUTE I-80

CONTRACT NO. 000053960

96

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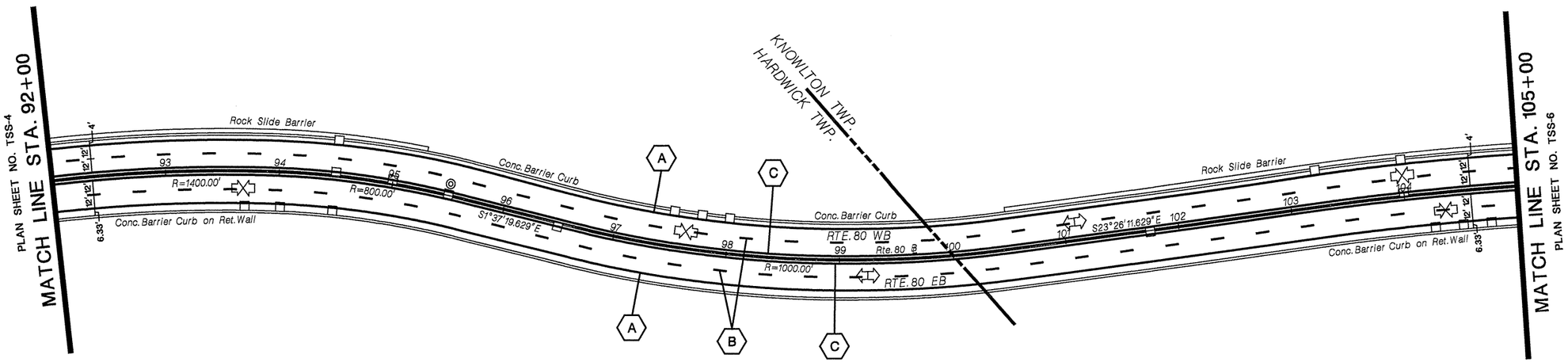
N.J.	

TOWNSHIP OF HARDWICK

TOWNSHIP OF KNOWLTON

COUNTY OF WARREN



LEGEND

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100' 50' 0 100' 200'

TSS-5 / TSS-34

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC STRIPING PLANS

ROUTE I-80

CONTRACT NO. 000053960

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