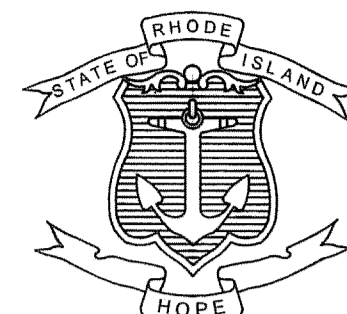


FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI		2011	1	24

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

PLAN, PROFILE AND SECTIONS OF PROPOSED

STATE HIGHWAY

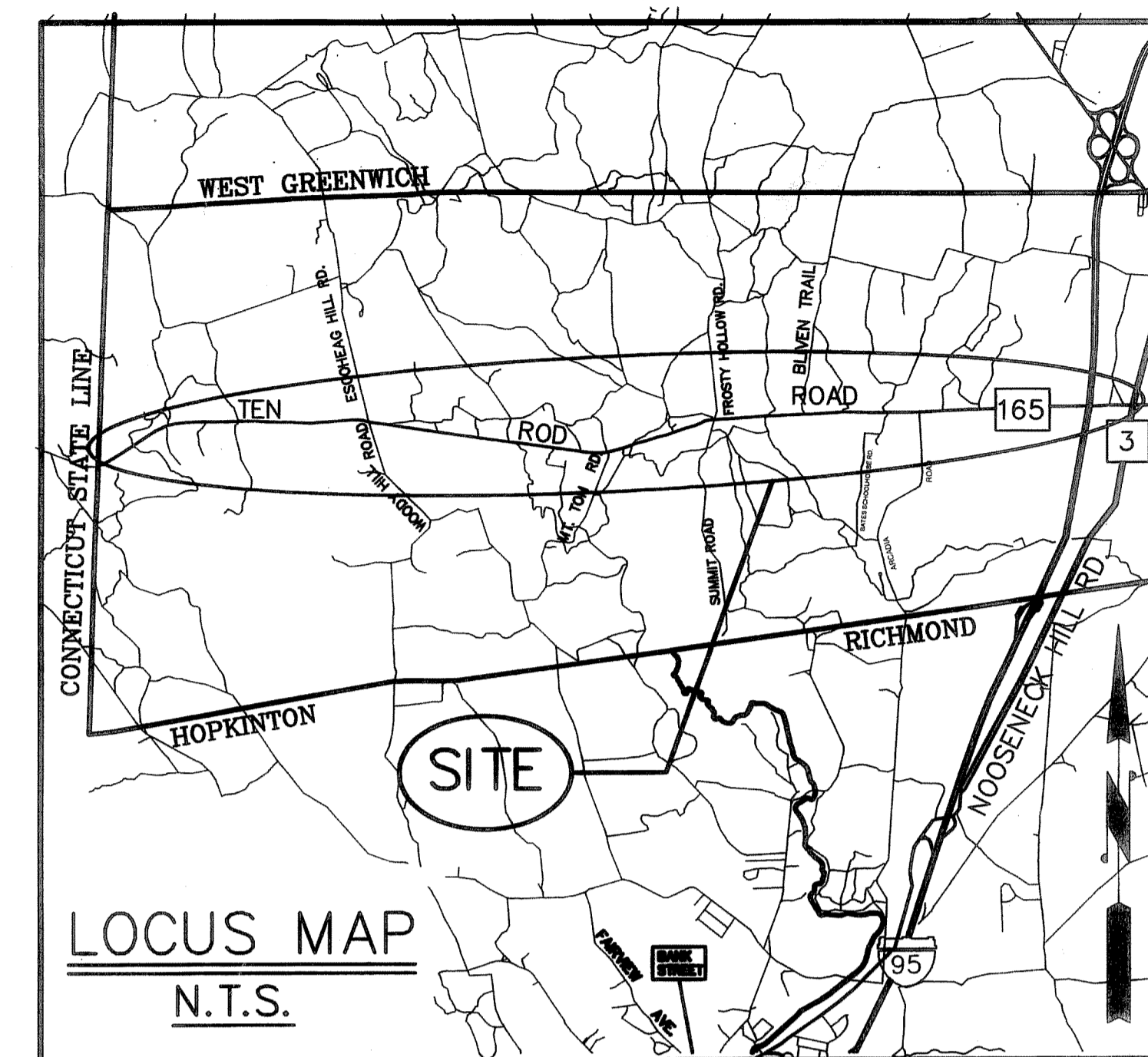
RECLAMATION OF ROUTE 165 (TEN ROD ROAD)

TOWN OF EXETER
COUNTY OF WASHINGTON

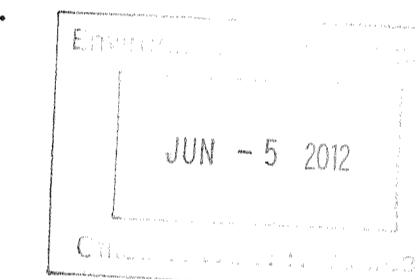
R.I. CONTRACT NO. 2012-CH-018 F.A. PROJECT NOS. STP-RESF(213)
STP-HSIP(001)

INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	STANDARD PLAN SYMBOLS & STANDARD LEGEND
3	STANDARD NOTES - 1
4	STANDARD NOTES - 2
5	JOB SPECIFIC PLAN SYMBOLS, LEGEND & NOTES
6	GENERAL PLAN NO. 1
7	GENERAL PLAN NO. 2
8	GENERAL PLAN NO. 3
9	GENERAL PLAN NO. 4
10	GENERAL PLAN NO. 5
11	GENERAL PLAN NO. 6
12	GENERAL PLAN NO. 7
13	GENERAL PLAN NO. 8
14	GENERAL PLAN NO. 9
15	GENERAL PLAN NO. 10
16	GENERAL PLAN NO. 11
17	GENERAL PLAN NO. 12
18	GENERAL PLAN NO. 13
19	GENERAL PLAN NO. 14
20	GENERAL PLAN NO. 15
21	GENERAL PLAN NO. 16
22	WOOD RIVER BRIDGE NO. 340
23	CURB REPAIR/GUARDRAIL DETAILS BRIDGE NOS. 339, 340, 341 & 342 BRIDGE DECK RESURFACING/NOTES
24	TRAFFIC CONTROL PLAN



LOCUS MAP
N.T.S.



PAVEMENT

2 INCHES CLASS 12.5 WARM MIX SUPERPAVE SURFACE COURSE
2.50 INCHES CLASS 19 WARM MIX SUPERPAVE BASE COURSE
8 INCHES RECLAMATED MATERIAL

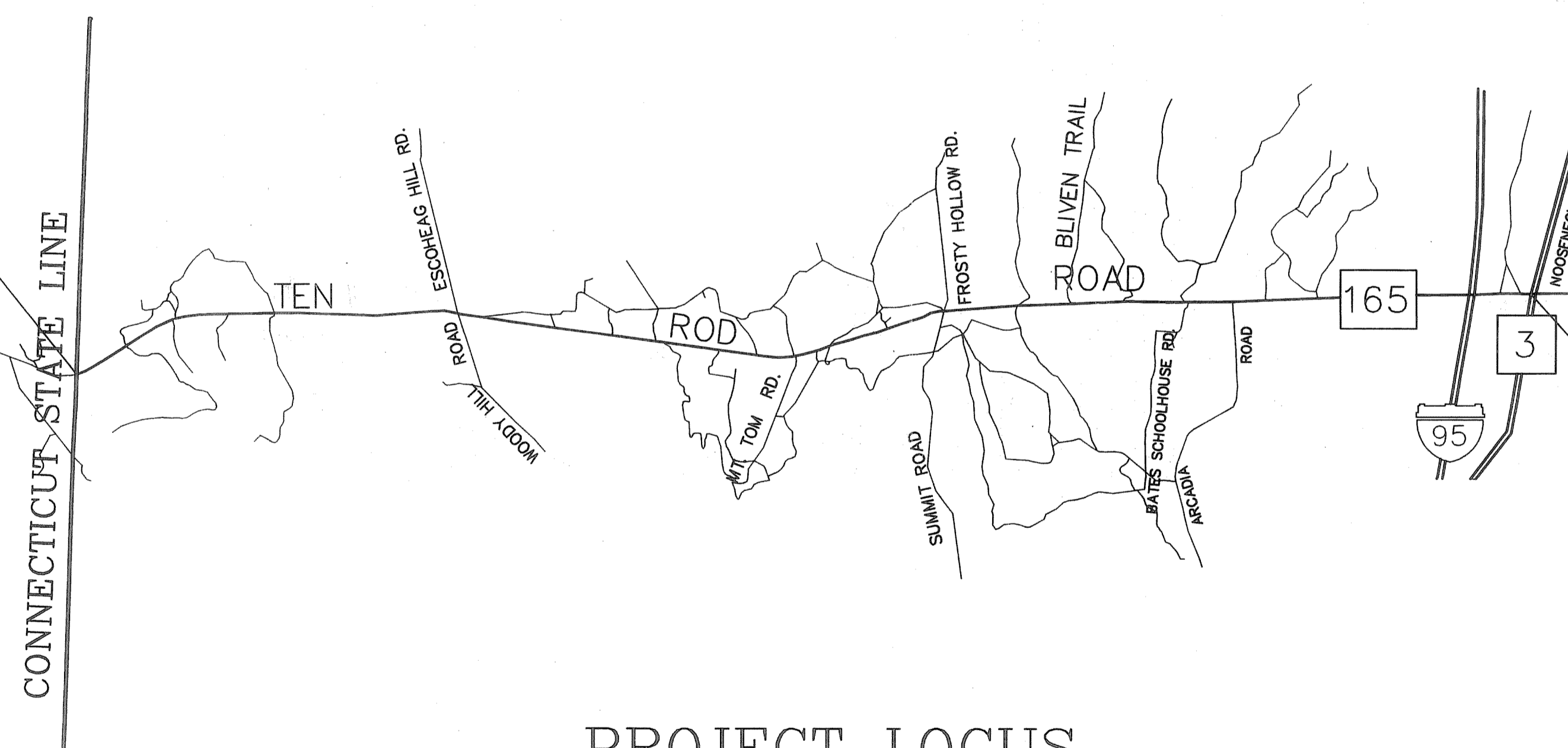
DESIGN DESIGNATION

AADT (2011)	2600 VPD
D	50/50
K	10%

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

Martin D. Wenzel

END RI CONTRACT 2012-CH-018



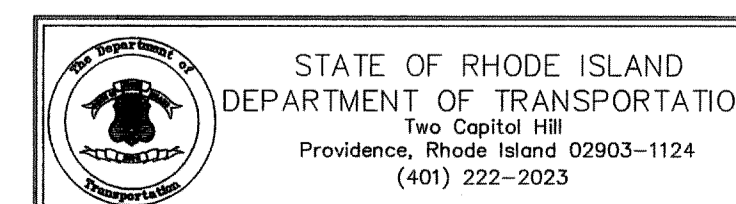
BEGIN RI CONTRACT 2012-CH-018

PROJECT LOCUS
NOT TO SCALE

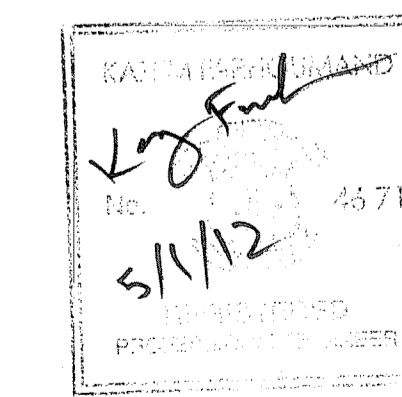
SCALES OF DRAWINGS

Plans	1 inch = 20 feet OR AS NOTED
Profiles	1 inch = 20 feet Horizontal OR AS NOTED
Profiles	1 inch = 4 feet Vertical OR AS NOTED
Cross Sections	1 inch = 4 feet Horizontal OR AS NOTED
Cross Sections	1 inch = 4 feet Vertical OR AS NOTED

BASE OF LEVELS
NGVD 29

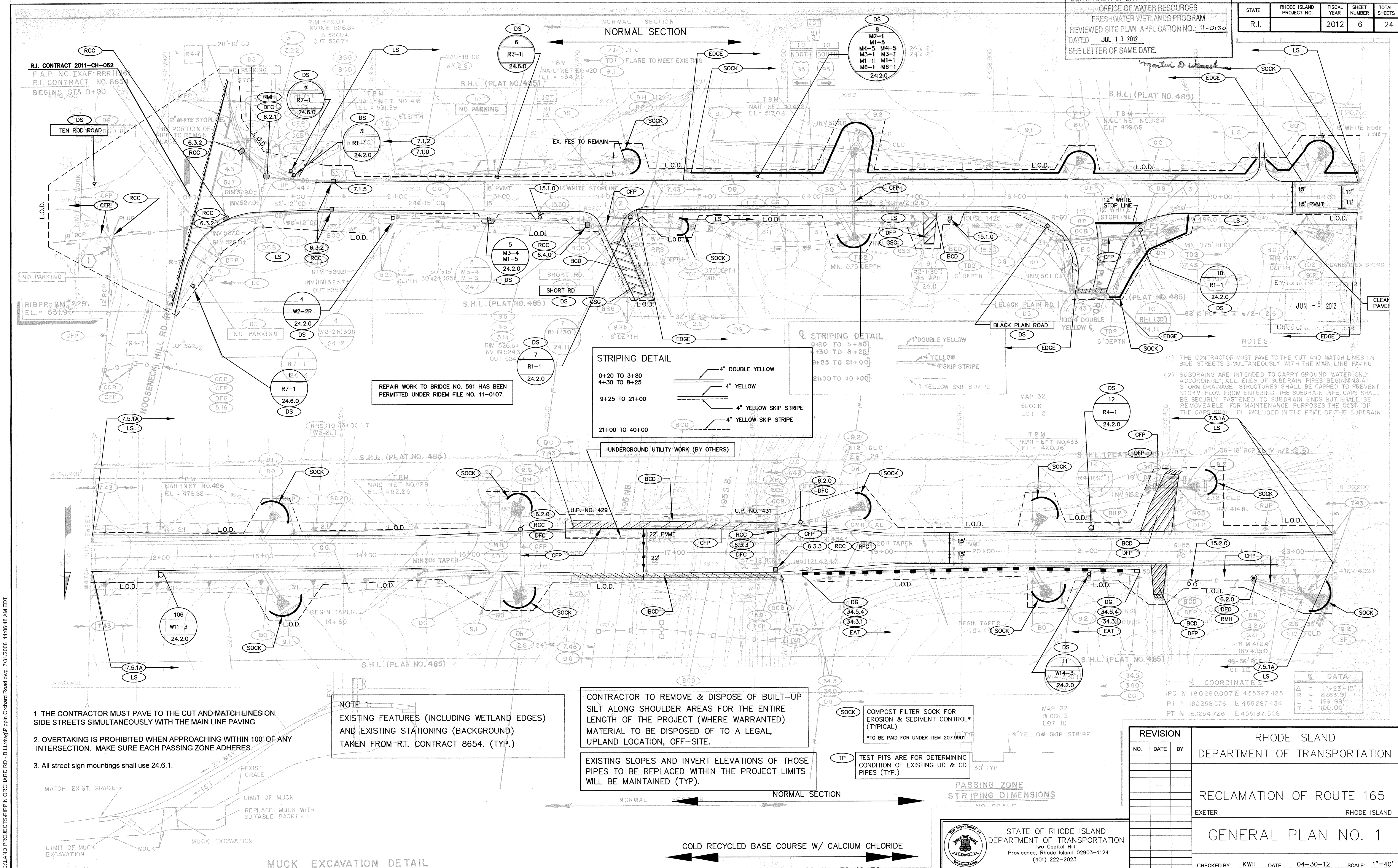


Contract Number 2012-CH-018
Number of Sheet 1
Total Sheets 24



R.I. DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
DEPUTY CHIEF ENGINEER	DATE
APPROVED	DATE
<i>Kay Faul</i>	5/1/12
CHIEF ENGINEER	DATE
APPROVED	DATE
DIRECTOR	DATE
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	DATE

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS.
SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.



1. THE CONTRACTOR MUST PAVE TO THE CUT AND MATCH LINES ON SIDE STREETS SIMULTANEOUSLY WITH THE MAIN LINE PAVING.
2. OVERTAKING IS PROHIBITED WHEN APPROACHING WITHIN 100' OF ANY INTERSECTION. MAKE SURE EACH PASSING ZONE ADHERES.
3. All street sign mountings shall use 24.6.1.

NOTE 1:
 EXISTING FEATURES (INCLUDING WETLAND EDGES) AND EXISTING STATIONING (BACKGROUND) TAKEN FROM R.I. CONTRACT 8654. (TYP.)

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP SILT ALONG SHOULDER AREAS FOR THE ENTIRE LENGTH OF THE PROJECT (WHERE WARRANTED) MATERIAL TO BE DISPOSED OF TO A LEGAL, UPLAND LOCATION, OFF-SITE.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS WILL BE MAINTAINED (TYP.)

COMPOST FILTER SOCK FOR EROSION & SEDIMENT CONTROL* (TYPICAL)
 *TO BE PAID FOR UNDER ITEM 207.9901

TP TEST PITS ARE FOR DETERMINING CONDITION OF EXISTING UD & CD PIPES (TYP.)

PASSING ZONE STRIPING DIMENSIONS
 NO. SCALE

REVISION		
NO.	DATE	BY

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION

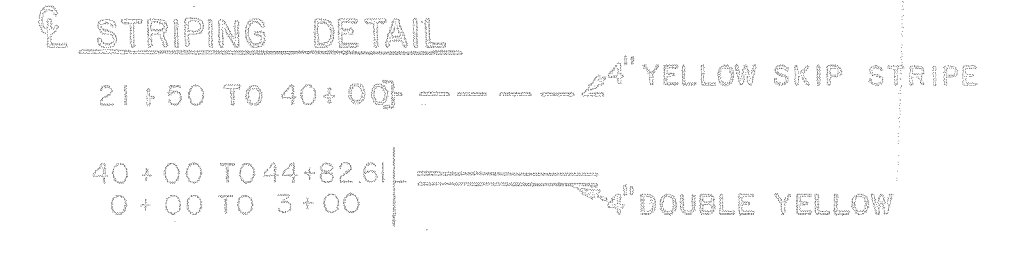
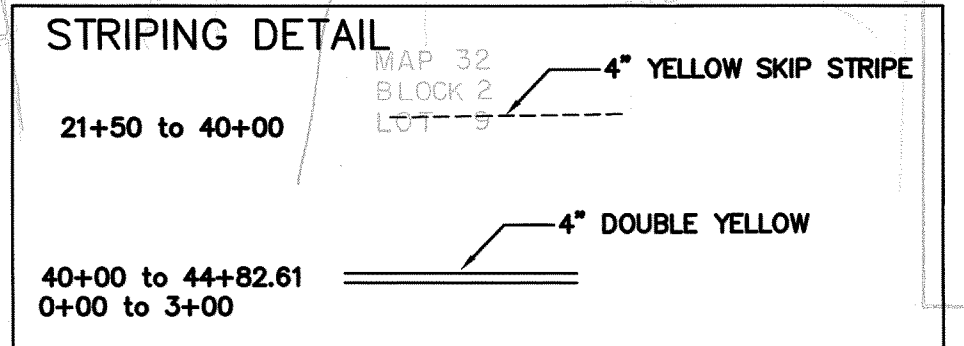
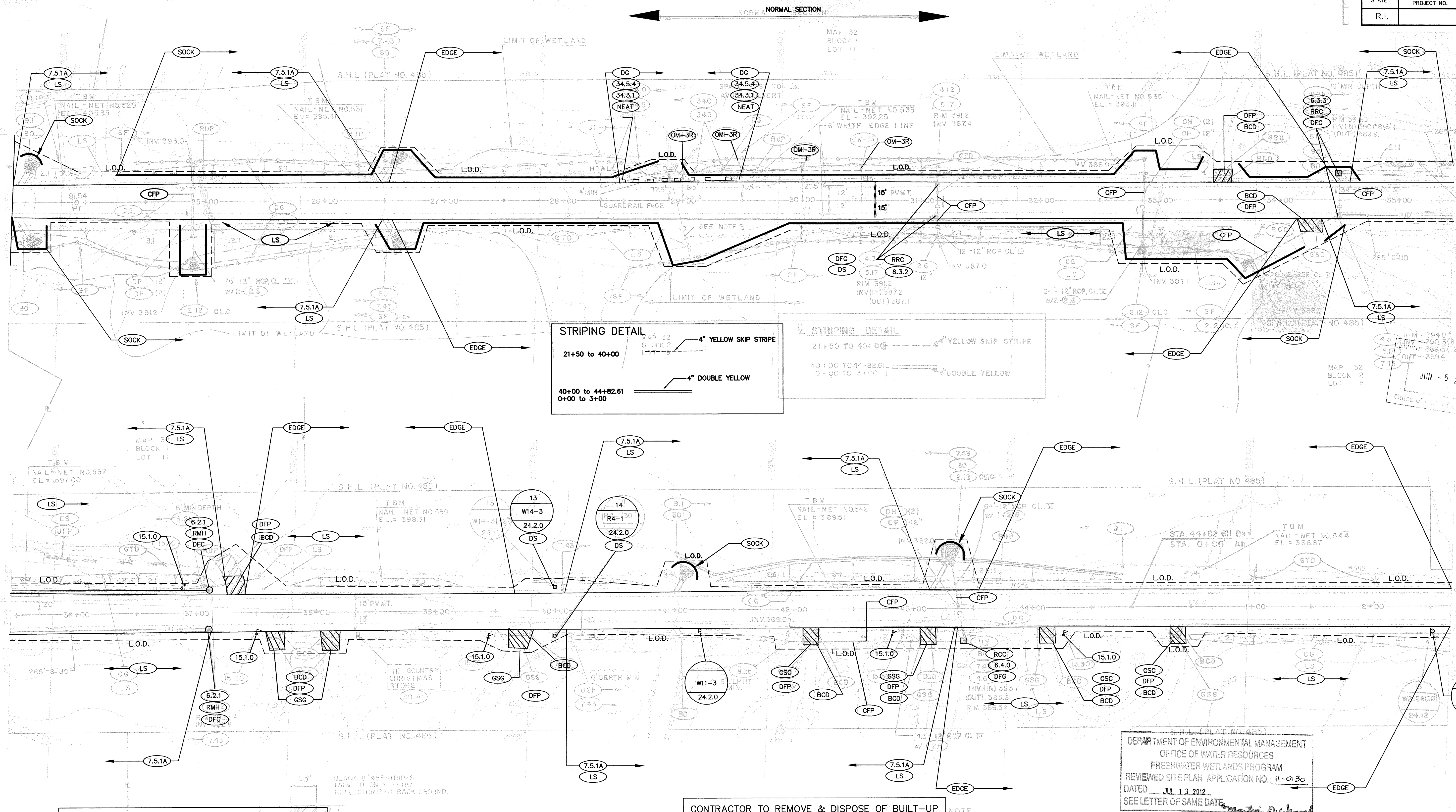
RECLAMATION OF ROUTE 165
 EXETER RHODE ISLAND

GENERAL PLAN NO. 1

CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'

STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Two Capitol Hill
 Providence, Rhode Island 02903-1124
 (401) 222-2023

C:\LAND PROJECTS\PIPPIN ORCHARD RD - BILLING\PIPPIN Orchard Road.dwg 7/31/2008 11:06:46 AM EDT



NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
SILT ALONG SHOULDER AREAS FOR THE ENTIRE
LENGTH OF THE PROJECT (WHERE WARRANTED)
MATERIAL TO BE DISPOSED OF TO A LEGAL,
UPLAND LOCATION, OFF-SITE.

NOTE
24" BOX CULVERT TO BE CLEANED/PAYMENT TO BE
MADE UNDER 701.9040 "CLEANING AND FLUSHING
PIPES ALL SIZE"

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE

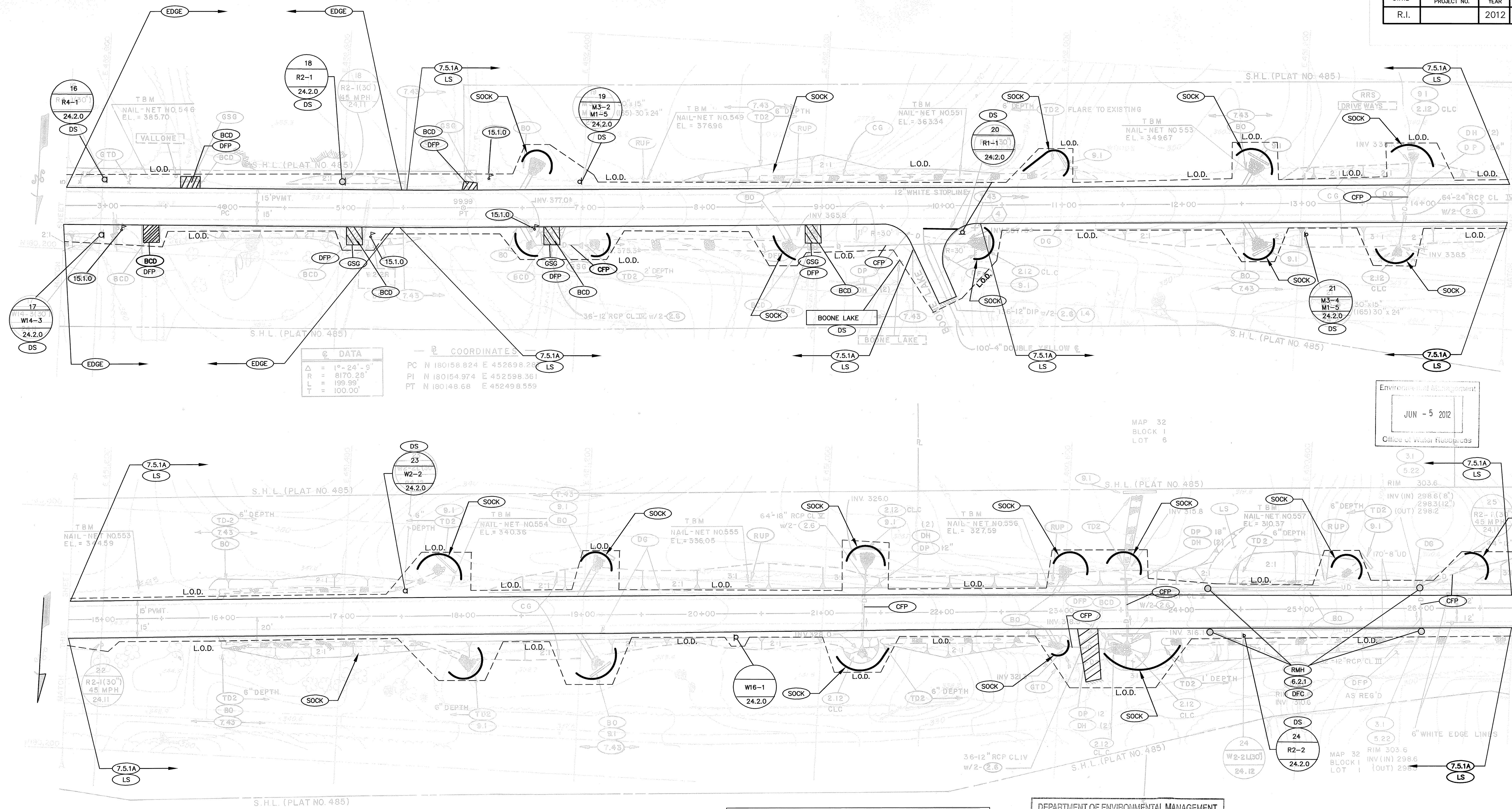
EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS
WILL BE MAINTAINED (TYP).

— OBJECT MARKER (OM-3R) —

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY	RECLAMATION OF ROUTE 165 EXETER RHODE ISLAND	
			GENERAL PLAN NO. 2	
			CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'	

STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capital Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

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COORDINATES

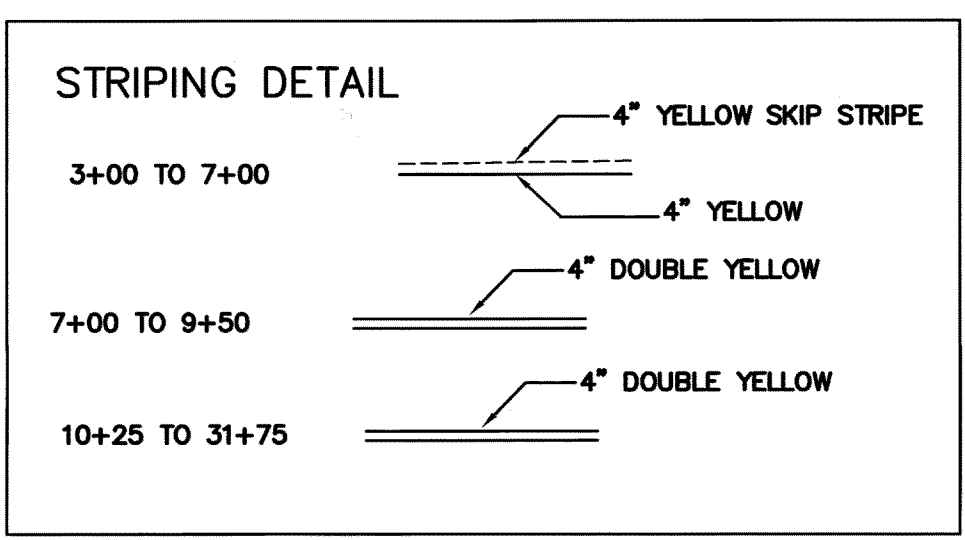
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PI	N 180154.974	E 452698.361
PT	N 180148.68	E 452498.559

Environmental Management
 JUN - 5 2012
 Office of Water Resources

MAP 32
 BLOCK 1
 LOT 6

NOTE:
 EXISTING FEATURES AND STATIONING (BACKGROUND)
 TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
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CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
 SILT ALONG SHOULDER AREAS FOR THE ENTIRE
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 UPLAND LOCATION, OFF-SITE.

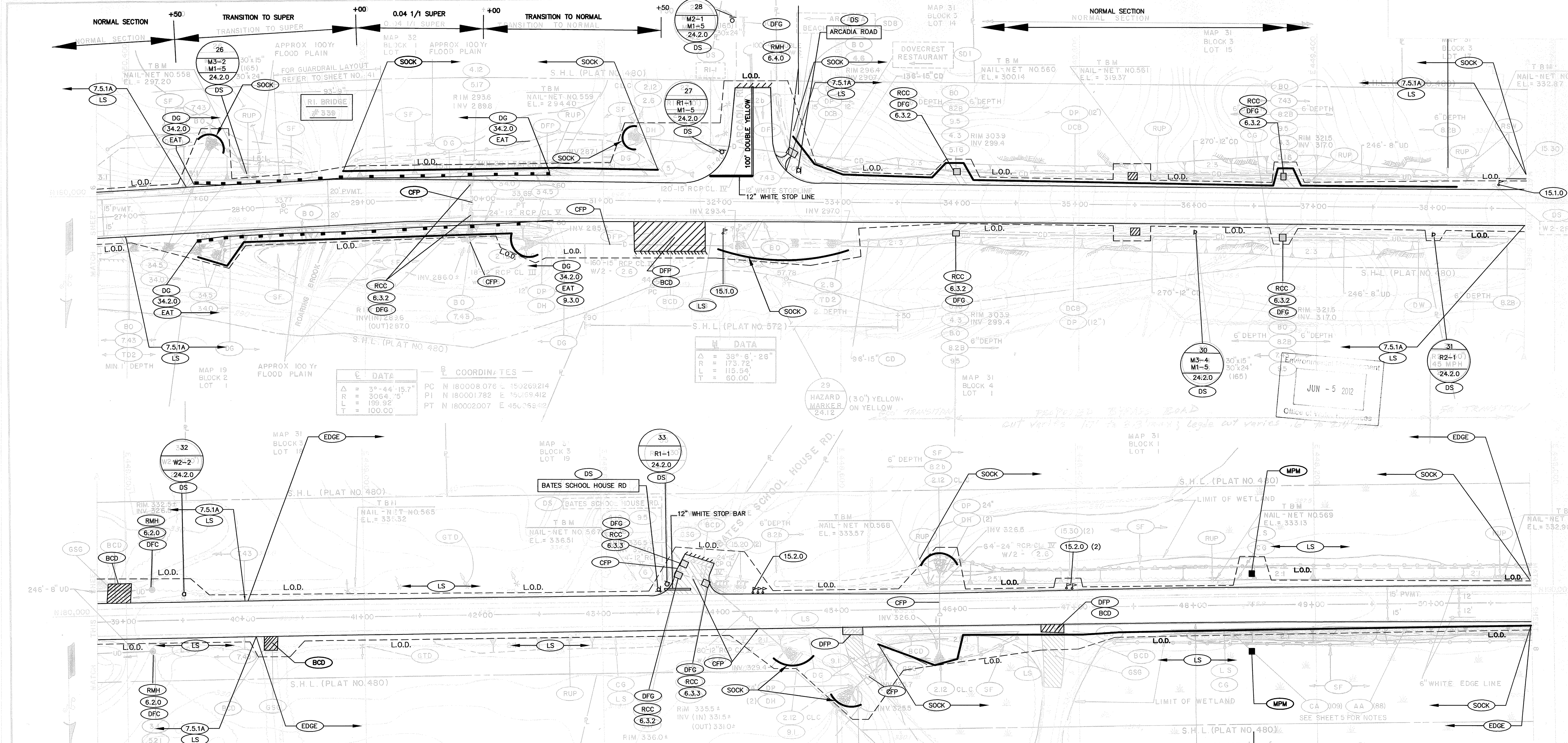
NOTE: BETWEEN STA. 24+25 - 26+00 PROVIDE 24" GRAVEL SUBBASE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 11-0130
 DATED JUL 13 2012
 SEE LETTER OF SAME DATE.

STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Two Capitol Hill
 Providence, Rhode Island 02903-1124
 (401) 222-2023

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY	RECLAMATION OF ROUTE 165 EXETER RHODE ISLAND	
			GENERAL PLAN NO. 3	
CHECKED BY: KWH			DATE: 04-30-12	SCALE: 1"=40'

CLAND PROJECT/PIPPIN ORCHARD RD - BILLING/PIPPIN Orchard Road.dwg 7/31/2008 11:06:48 AM EDT



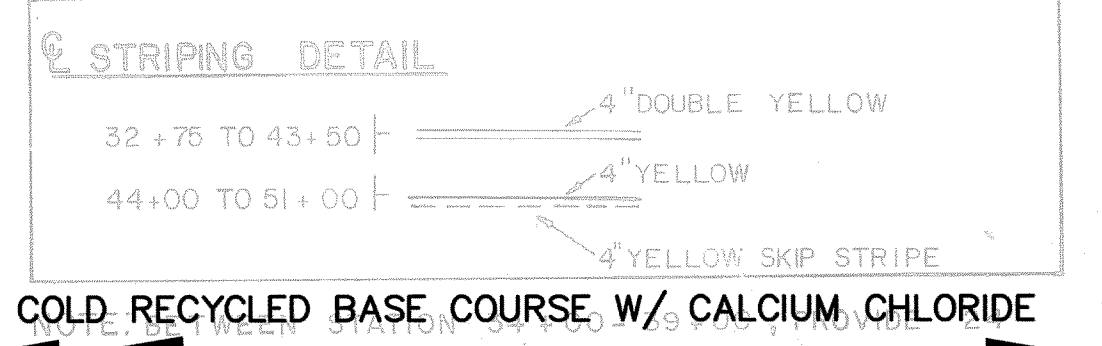
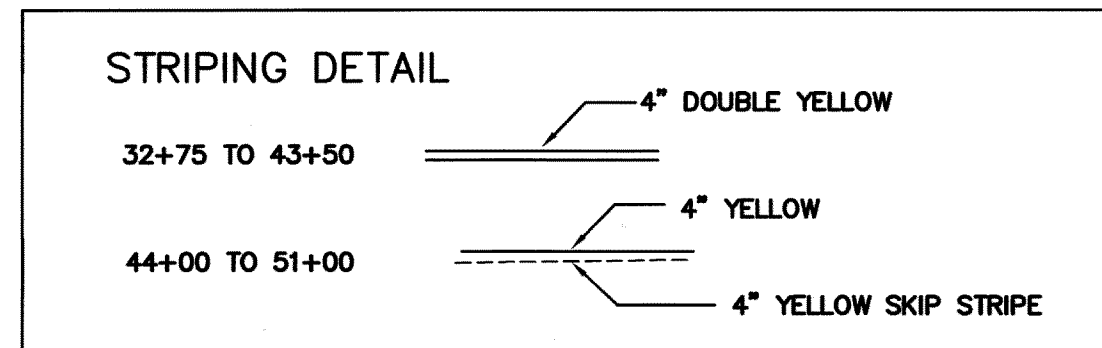
COORDINATES

Δ = 3°-44'-15.7"	PC N 180008.076 L 150269214
R = 3064.73	PI N 180001.782 E 150169412
L = 199.92	PT N 180002.007 E 450069482
T = 100.00	

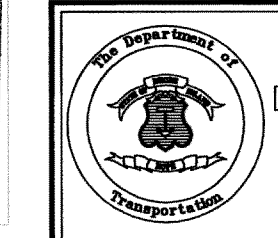
NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS
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CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
SILT ALONG SHOULDER AREAS FOR THE ENTIRE
LENGTH OF THE PROJECT (WHERE WARRANTED)
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UPLAND LOCATION, OFF-SITE.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

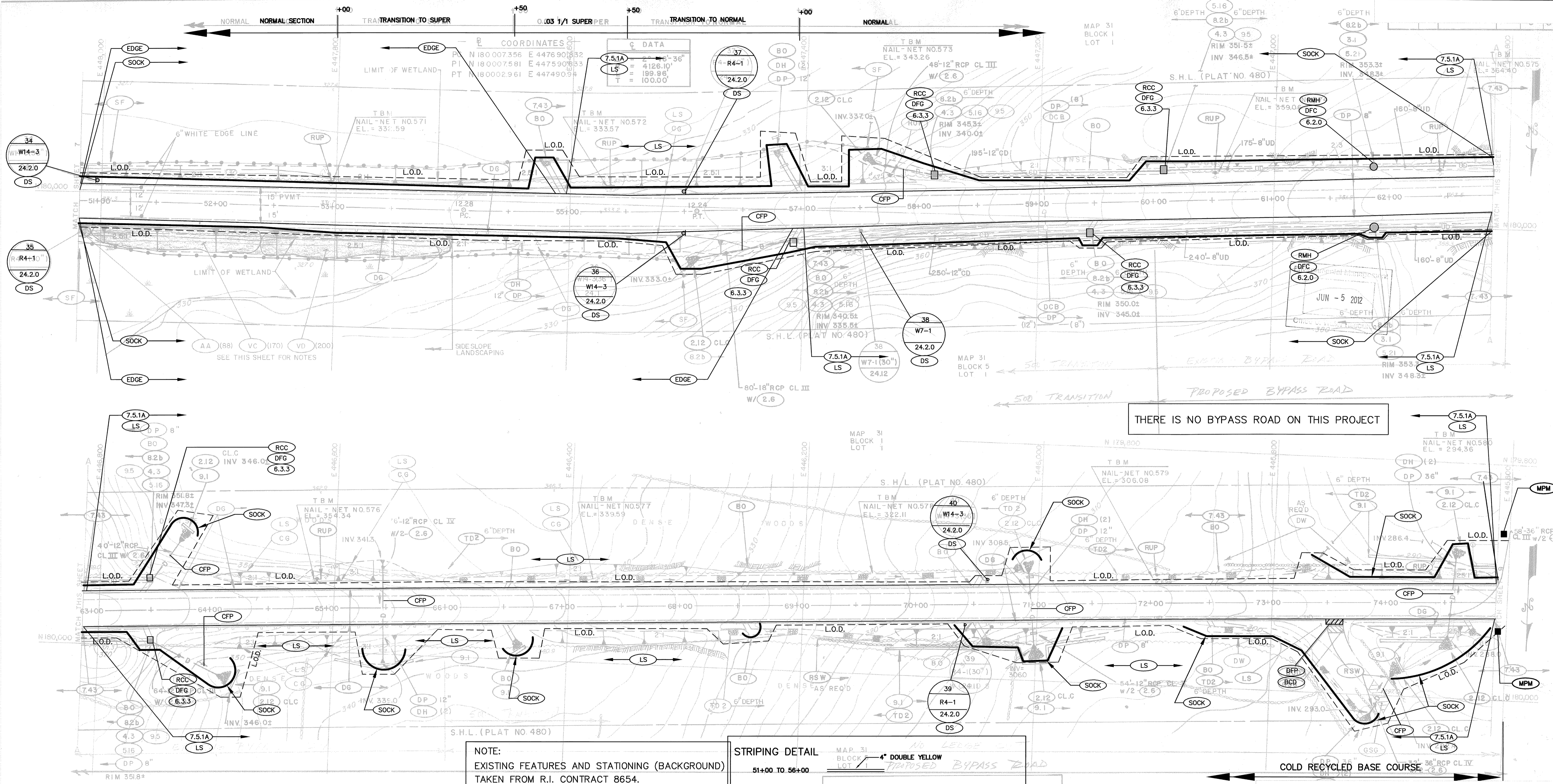


STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capital Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

REVISION		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
RECLAMATION OF ROUTE 165
EXETER
RHODE ISLAND
GENERAL PLAN NO. 4
CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'

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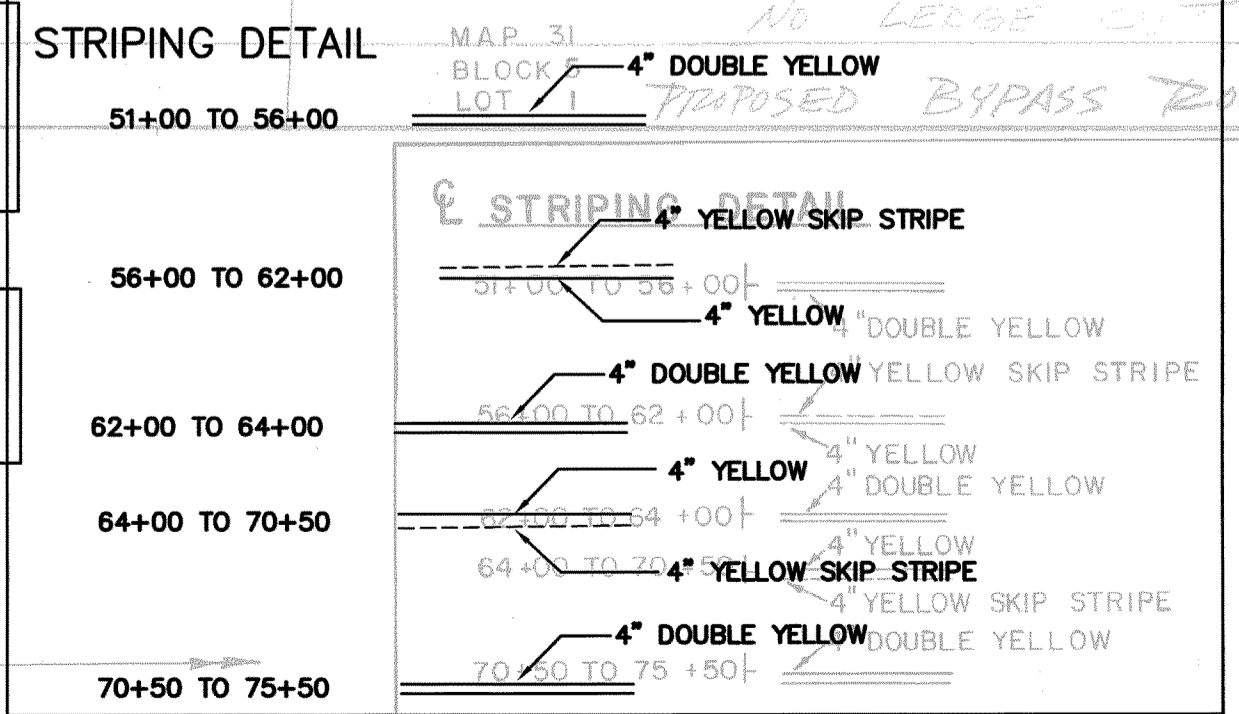
THERE IS NO BYPASS ROAD ON THIS PROJECT

GP#	KEY	QTY.	BOTANICAL	COMMON	SIZE	ROOT	REMARKS
4	AA	88	ARONIA ARBUTIFOLIA BRILLIANTISSIMA	RED CHOKEBERRY	3'-4"	B&B	4'-0" O.C.
4	CA	109	CLETHRA ALNIFOLIA	SUMMERSWEET	3'-4"	B&B	4'-0" O.C.
5	VC	170					
5	VD	200					

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP SILT ALONG SHOULDER AREAS FOR THE ENTIRE LENGTH OF THE PROJECT (WHERE WARRANTED) MATERIAL TO BE DISPOSED OF TO A LEGAL, UPLAND LOCATION, OFF-SITE.

NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND) TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS WILL BE MAINTAINED (TYP).



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capitol Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

REVISION		
NO.	DATE	BY

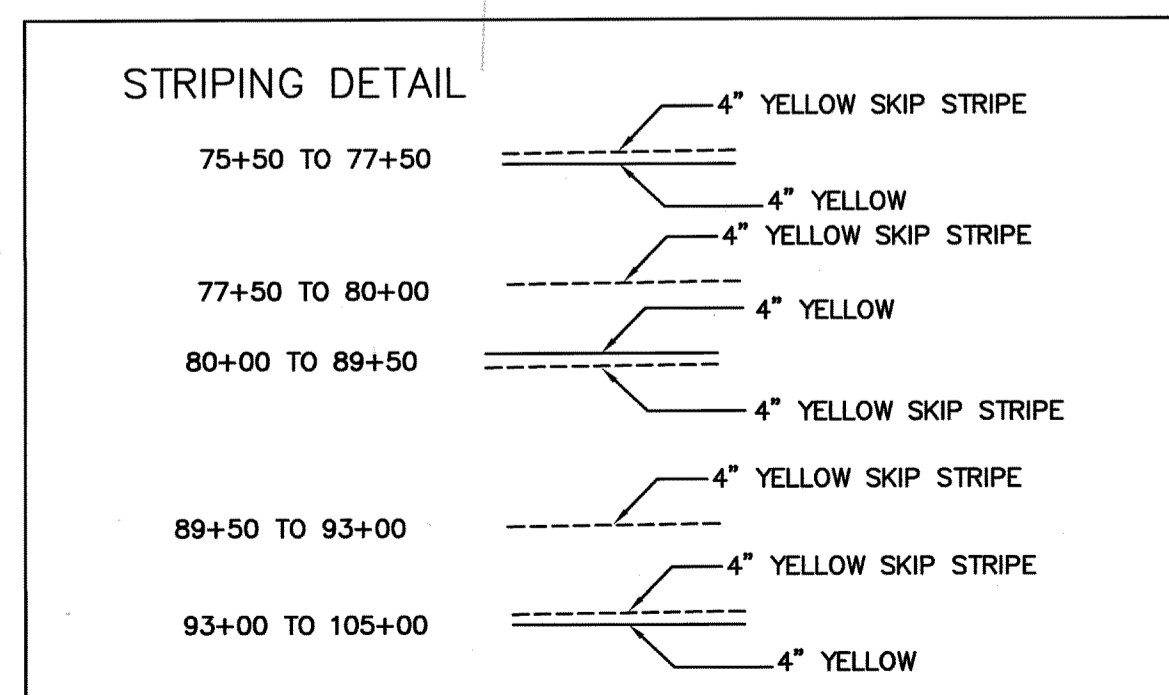
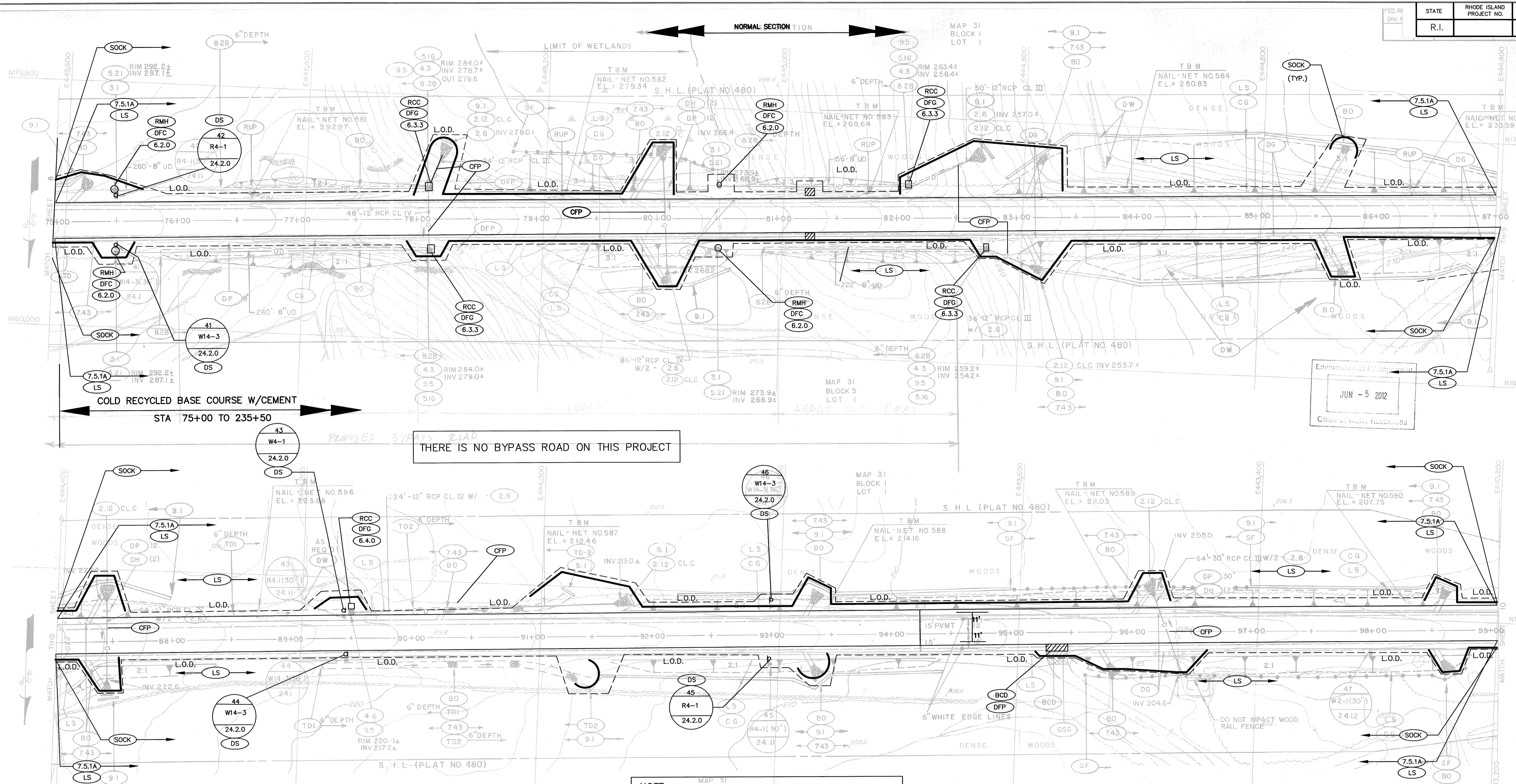
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

RECLAMATION OF ROUTE 165
EXETER RHODE ISLAND

GENERAL PLAN NO. 5

CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'

C:\LAND PROJECTS\PIPPIN ORCHARD RD - BILLOW\PIPPIN Orchard Road.dwg 7/31/2008 11:06:48 AM EDT



NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

COLD RECYCLED BASE COURSE W/CEMENT
STA 75+00 TO 235+50

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS WILL BE MAINTAINED (TYP).

STRIPING DETAIL

75+50 TO 77+50: 4" YELLOW SKIP STRIPE

77+50 TO 80+00: 4" YELLOW SKIP STRIPE

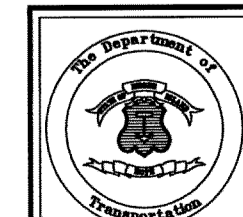
80+00 TO 89+50: 4" YELLOW

89+50 TO 93+00: 4" YELLOW SKIP STRIPE

93+00 TO 105+00: 4" YELLOW

NOTE: CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP SILT ALONG SHOULDER AREAS FOR THE ENTIRE LENGTH OF THE PROJECT (WHERE WARRANTED) MATERIAL TO BE DISPOSED TO A LEGAL, UPLAND LOCATION, OFF-SITE.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.



STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capitol Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

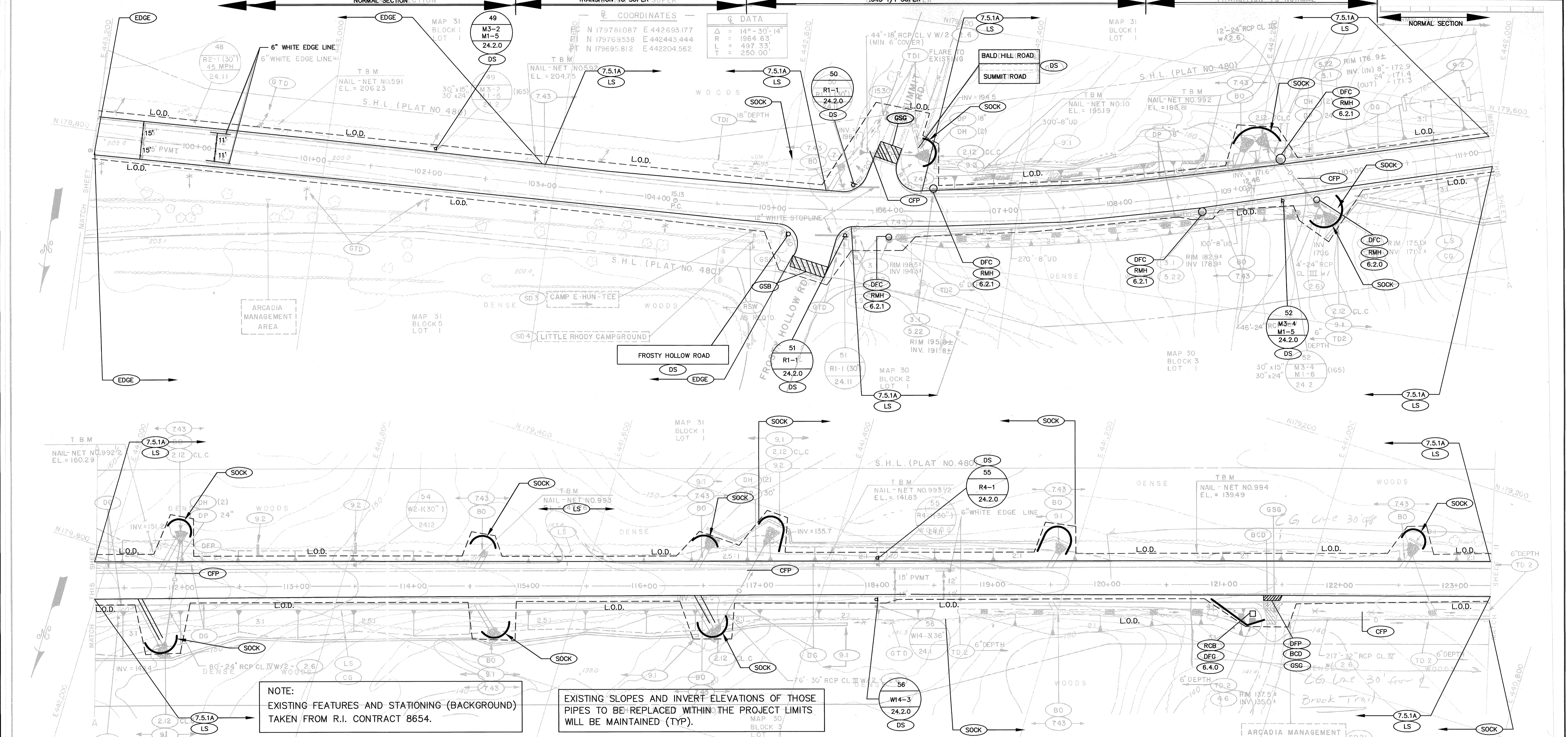
REVISION		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

RECLAMATION OF ROUTE 165
EXETER RHODE ISLAND

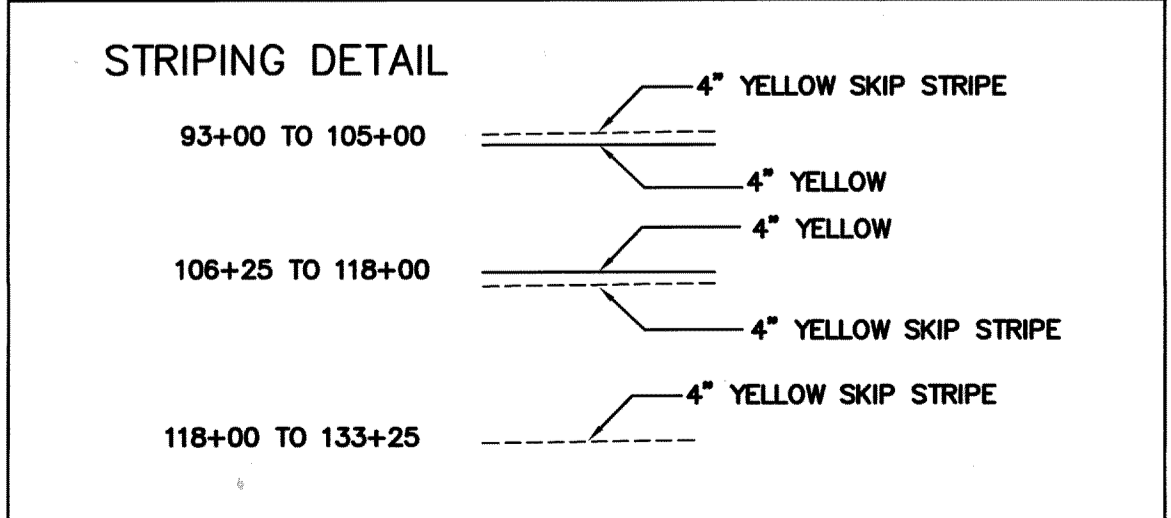
GENERAL PLAN NO. 6

CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'



NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS
WILL BE MAINTAINED (TYP).



COLD RECYCLED BASE COURSE W/CEMENT
STA 75+00 TO 235+50

STRIPING DETAIL

93+00 TO 105+00: 4" YELLOW SKIP STRIPE

106+25 TO 118+00: 4" YELLOW

118+00 TO 133+25: 4" YELLOW SKIP STRIPE

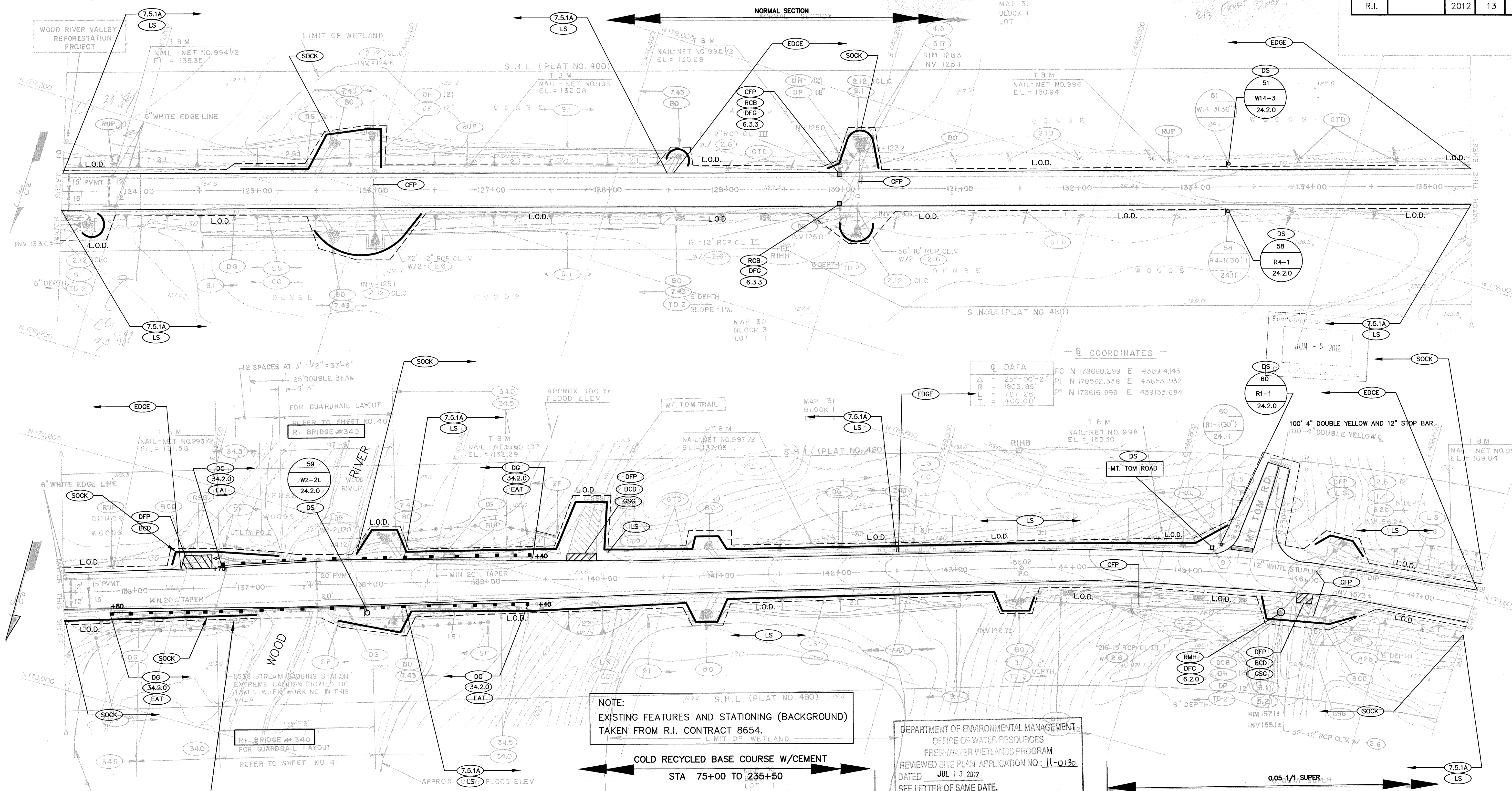
CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP SILT ALONG SHOULDER AREAS FOR THE ENTIRE LENGTH OF THE PROJECT (WHERE WARRANTED). MATERIAL TO BE DISPOSED OF TO A LEGAL, UPLAND LOCATION, OFF-SITE.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE

STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capitol Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
			RECLAMATION OF ROUTE 165	
			EXETER RHODE ISLAND	
			GENERAL PLAN NO. 7	
CHECKED BY: KWH			DATE: 04-30-12	SCALE: 1"=40'

CLAND PROJECT/SIPPIN ORCHARD RD - BILLING/PIPPIN Orchard Road.dwg 7/5/2008 11:06:48 AM EDT



U.S.G.S. STREAM GAUGING STATION
EXTREME CARE MUST BE TAKEN WHEN
WORKING IN THIS AREA
PICTURES OF THIS AREA SHALL BE
TAKEN BOTH BEFORE AND AFTER
CONSTRUCTION.

STRIPING DETAIL	
118+00 TO 133+25	4" YELLOW SKIP STRIPE
133+25 TO 145+20	4" YELLOW SKIP STRIPE 4" YELLOW EDGE LINE
146+00 TO 148+00	4" YELLOW DOUBLE YELLOW
146+00 TO 148+00	4" YELLOW

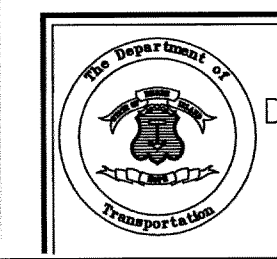
NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

COLD RECYCLED BASE COURSE W/CEMENT
STA 75+00 TO 235+50

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: IL-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
SILT ALONG SHOULDER AREAS FOR THE ENTIRE
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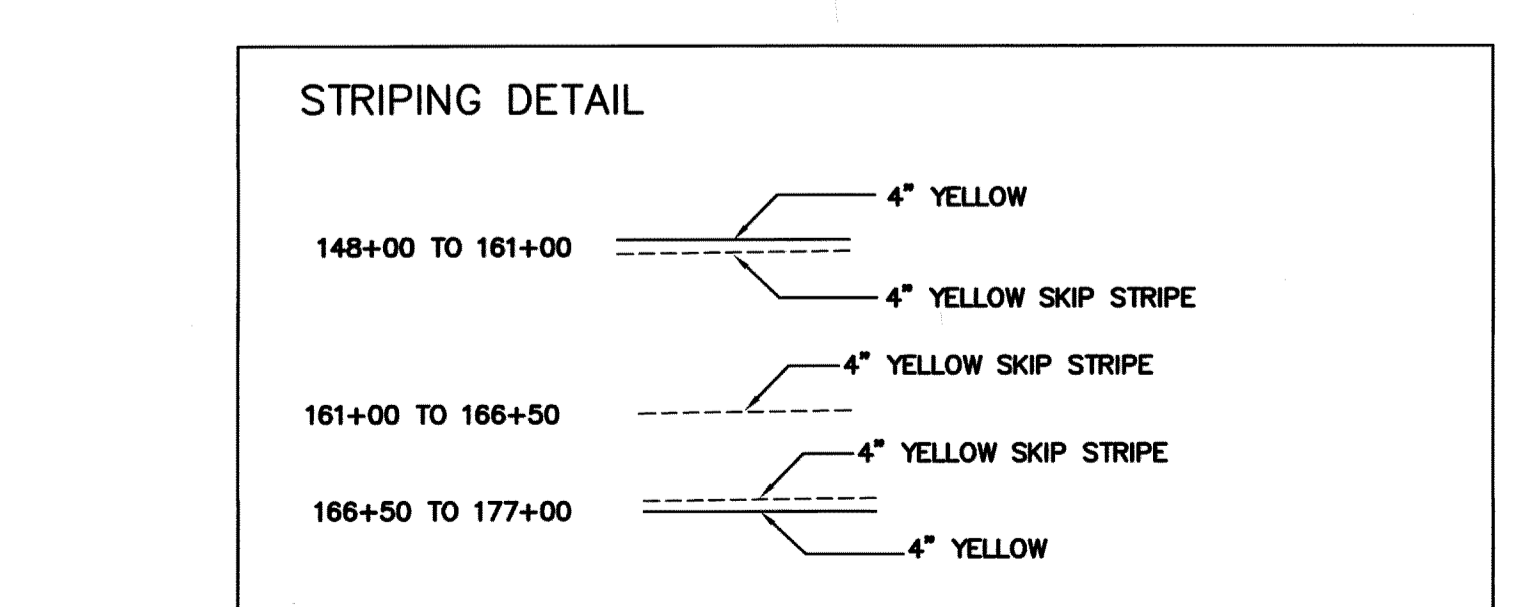
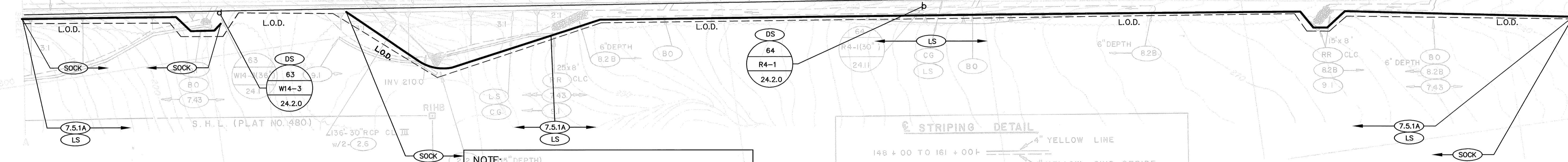
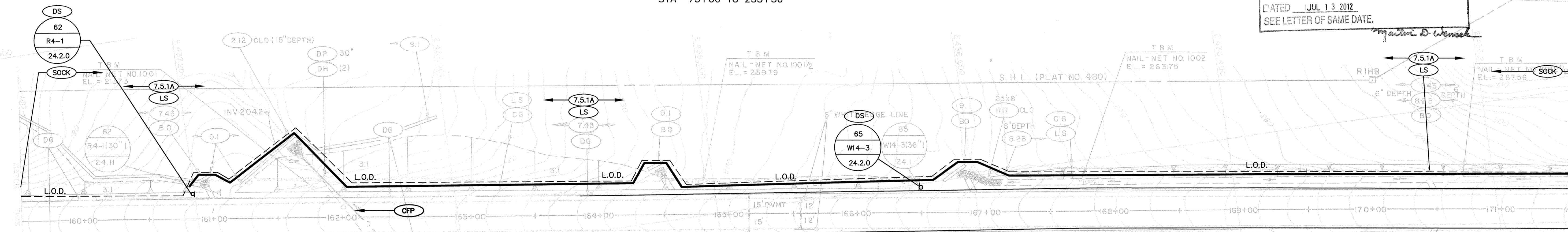
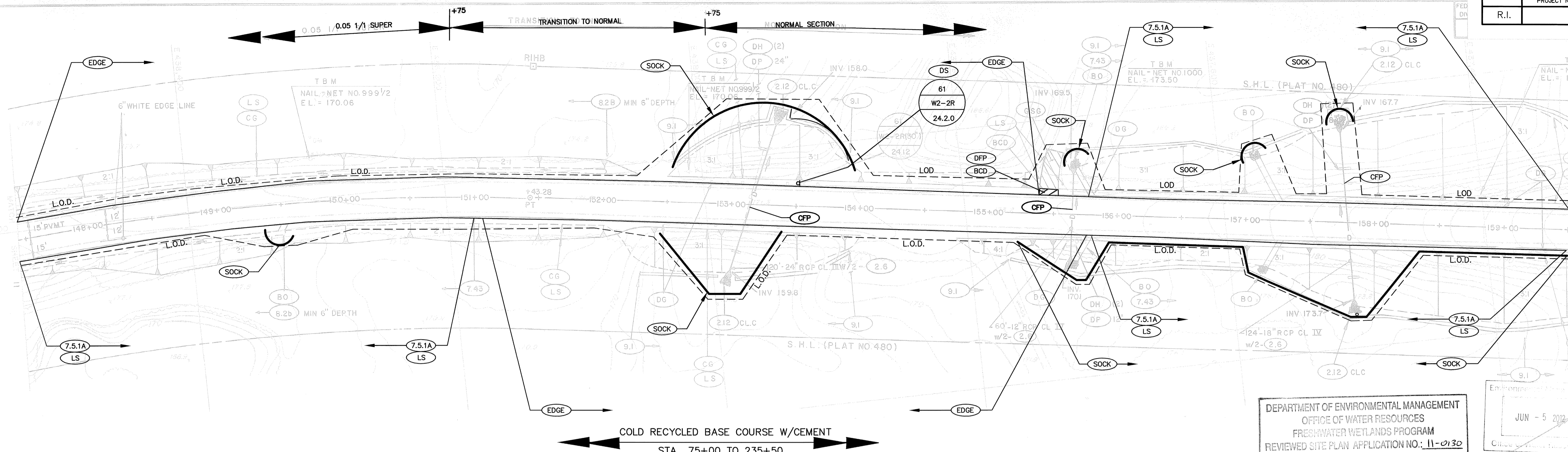
EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
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WILL BE MAINTAINED (TYP).



STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capital Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

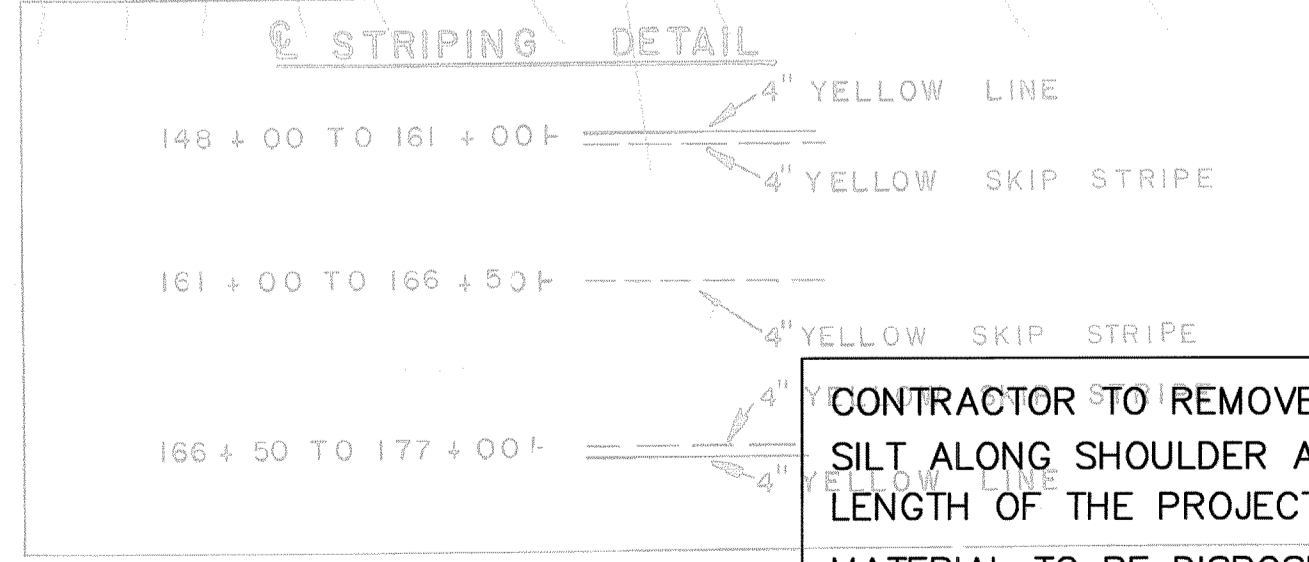
REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
			RECLAMATION OF ROUTE 165	
			EXETER	RHODE ISLAND
			GENERAL PLAN NO. 8	
			CHECKED BY: KWH	DATE: 04-30-12 SCALE: 1"=40'

CLAND PROJECT/SIPPIN ORCHARD RD - BILLING/Pipin Orchard Road.dwg 7/3/2008 11:06:48 AM EDT



NOTE: 5" DEPTH)
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
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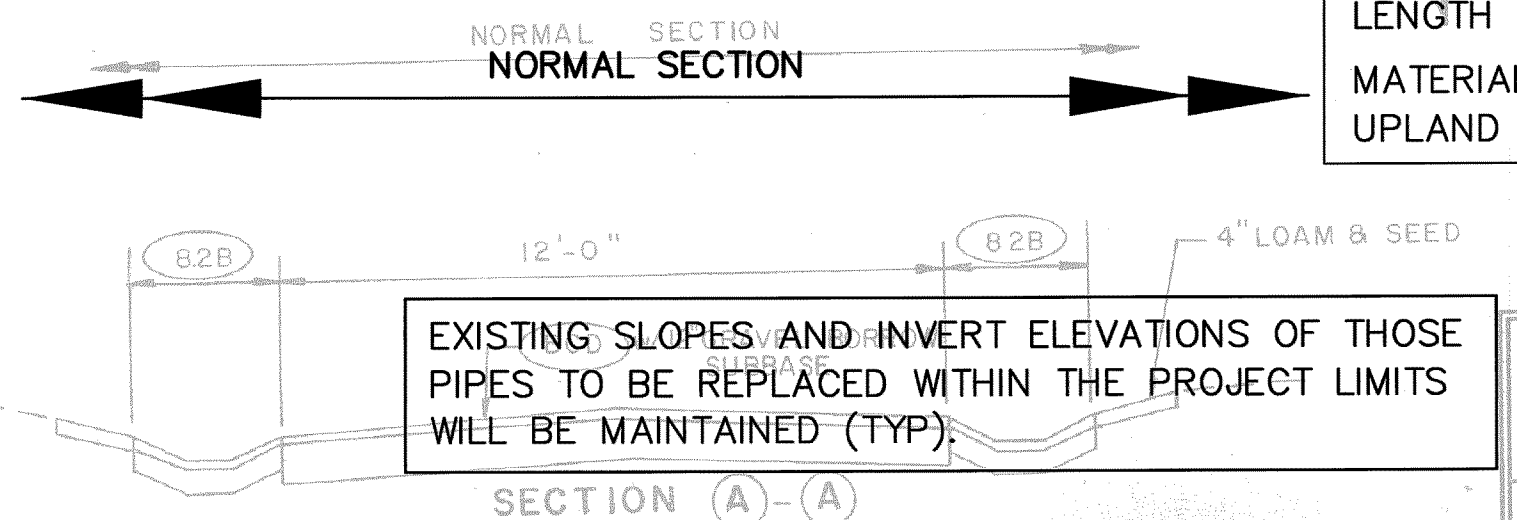
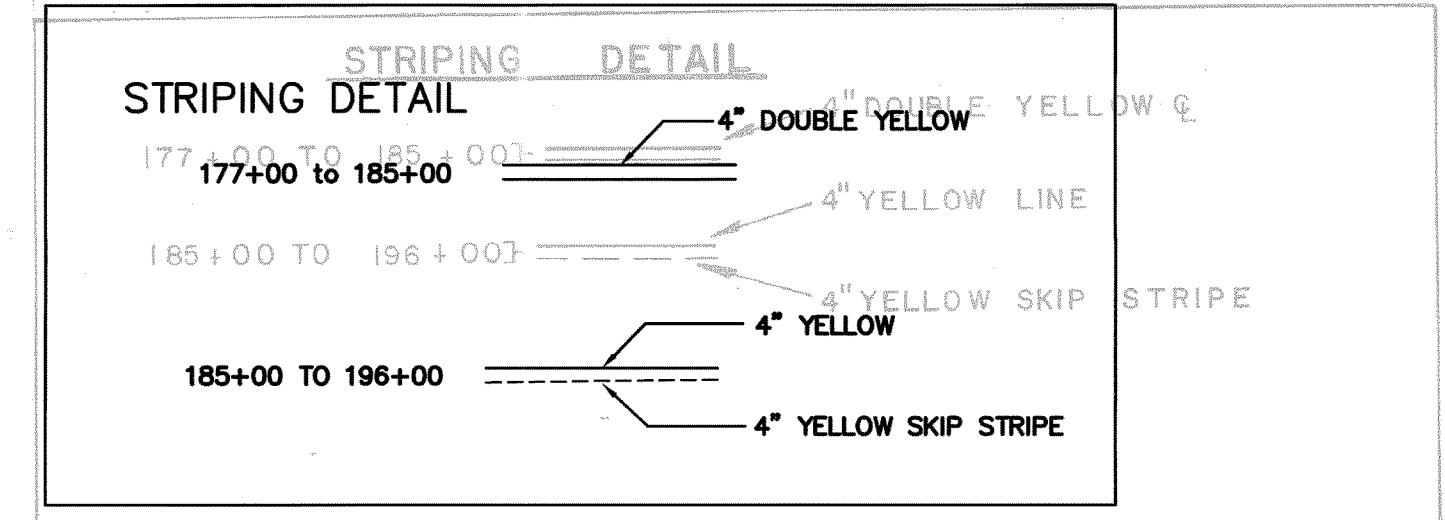
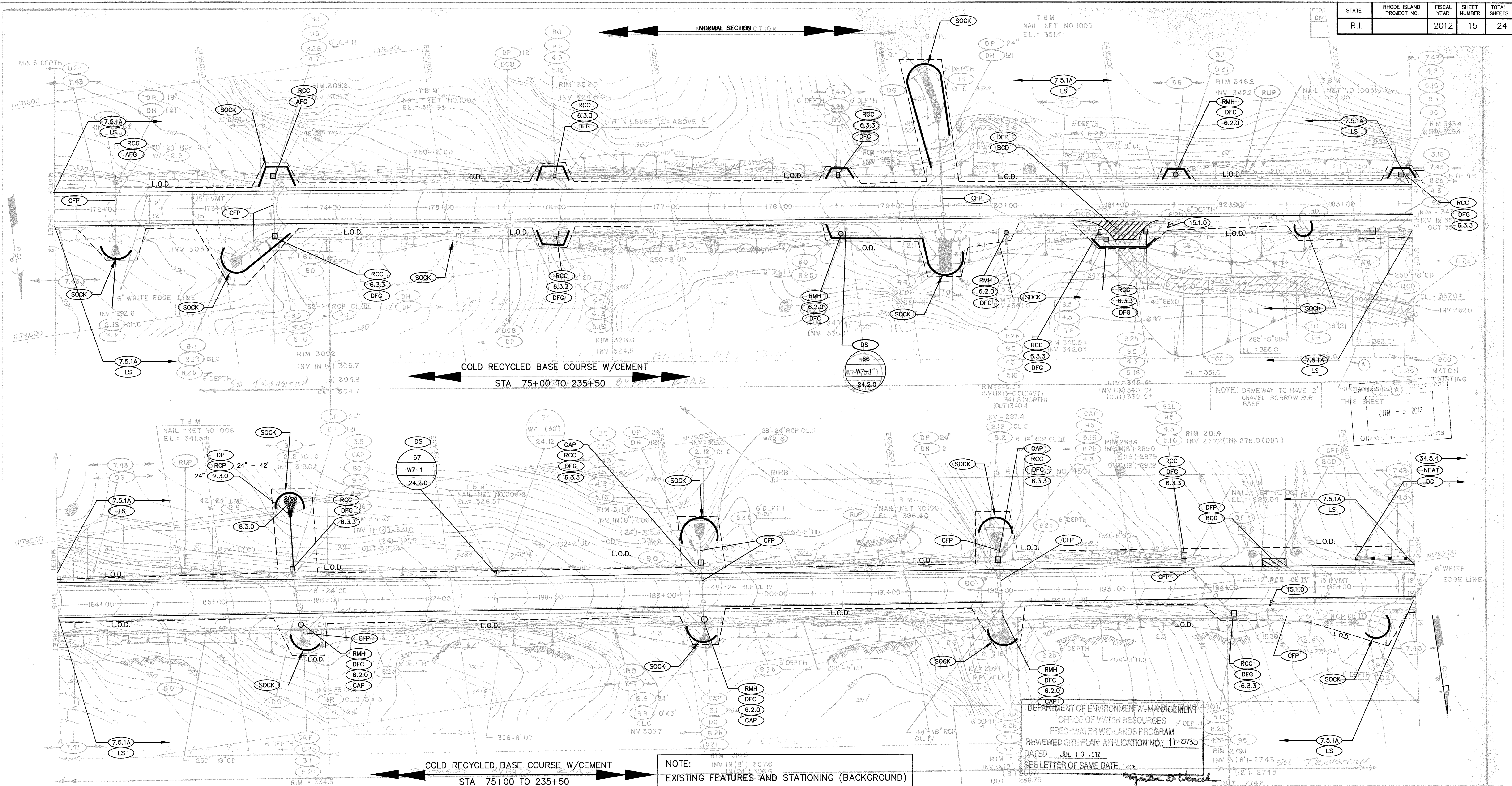
CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
SILT ALONG SHOULDER AREAS FOR THE ENTIRE
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
			RECLAMATION OF ROUTE 165 EXETER RHODE ISLAND	
			GENERAL PLAN NO. 9	
			CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'	

STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capitol Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

C:\LAND PROJECTS\PIPPIN ORCHARD RD - BILL Dwyer\Pippin Orchard Road.dwg 7/31/2008 11:06:48 AM EDT



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 11-0130
 DATED JUL 13 2012
 SEE LETTER OF SAME DATE.

STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Two Capitol Hill
 Providence, Rhode Island 02903-1124
 (401) 222-2023

REVISION		
NO.	DATE	BY

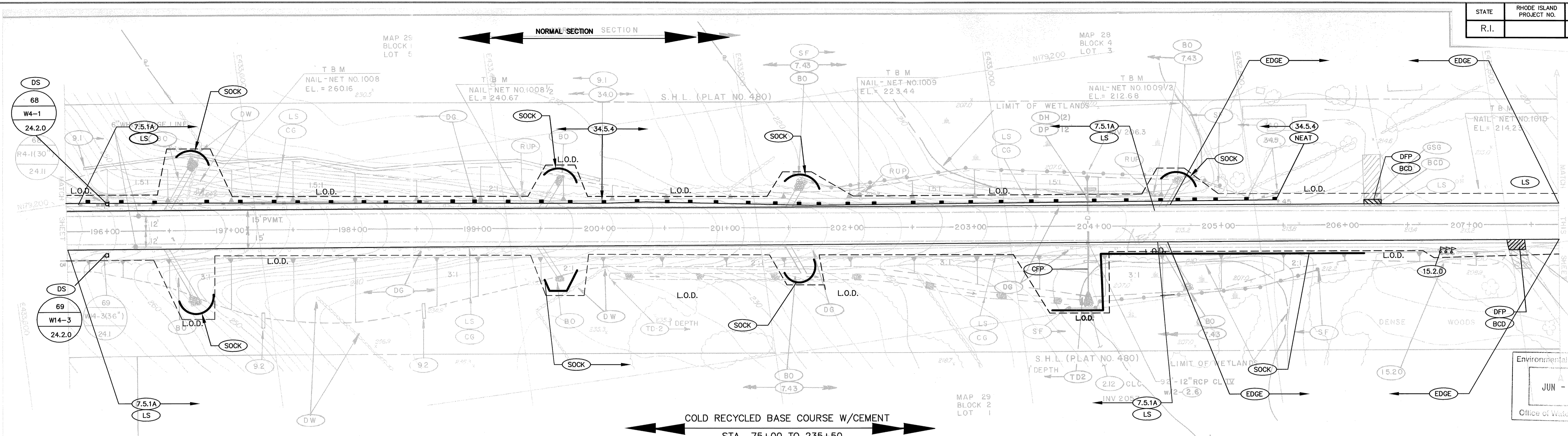
RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION

RECLAMATION OF ROUTE 165
 EXETER
 RHODE ISLAND

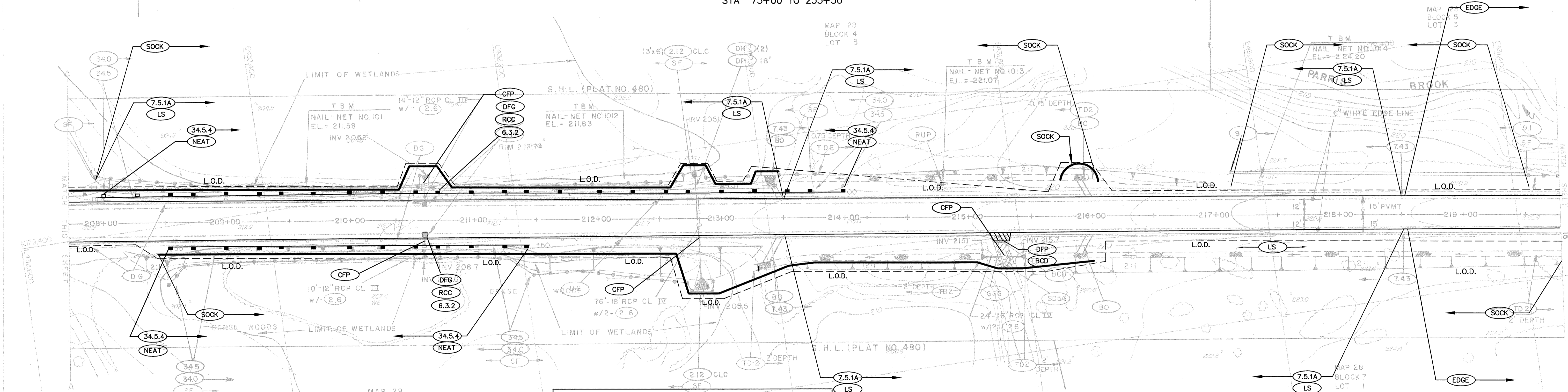
GENERAL PLAN NO. 10

CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'

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Environmental Management
 JUN - 5 2012
 Office of Water Resources

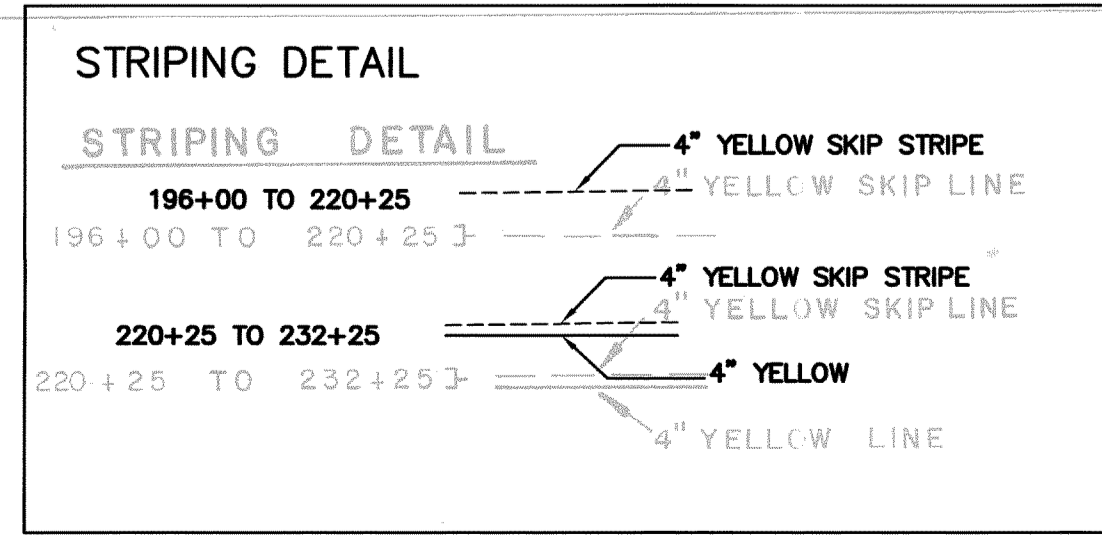


COLD RECYCLED BASE COURSE W/CEMENT
 STA 75+00 TO 235+50

NOTE:
 EXISTING FEATURES AND STATIONING (BACKGROUND)
 TAKEN FROM R.I. CONTRACT 8654.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 11-013
 DATED JUL 13 2012
 SEE LETTER OF SAME DATE.

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
 SILT ALONG SHOULDER AREAS FOR THE ENTIRE
 LENGTH OF THE PROJECT (WHERE WARRANTED)
 MATERIAL TO BE DISPOSED OF TO A LEGAL,
 UPLAND LOCATION, OFF-SITE.



EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
 PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS
 WILL BE MAINTAINED (TYP).

NORMAL SECTION

STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Providence, Rhode Island 02903-1124
 (401) 222-2023

REVISION		
NO.	DATE	BY

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION

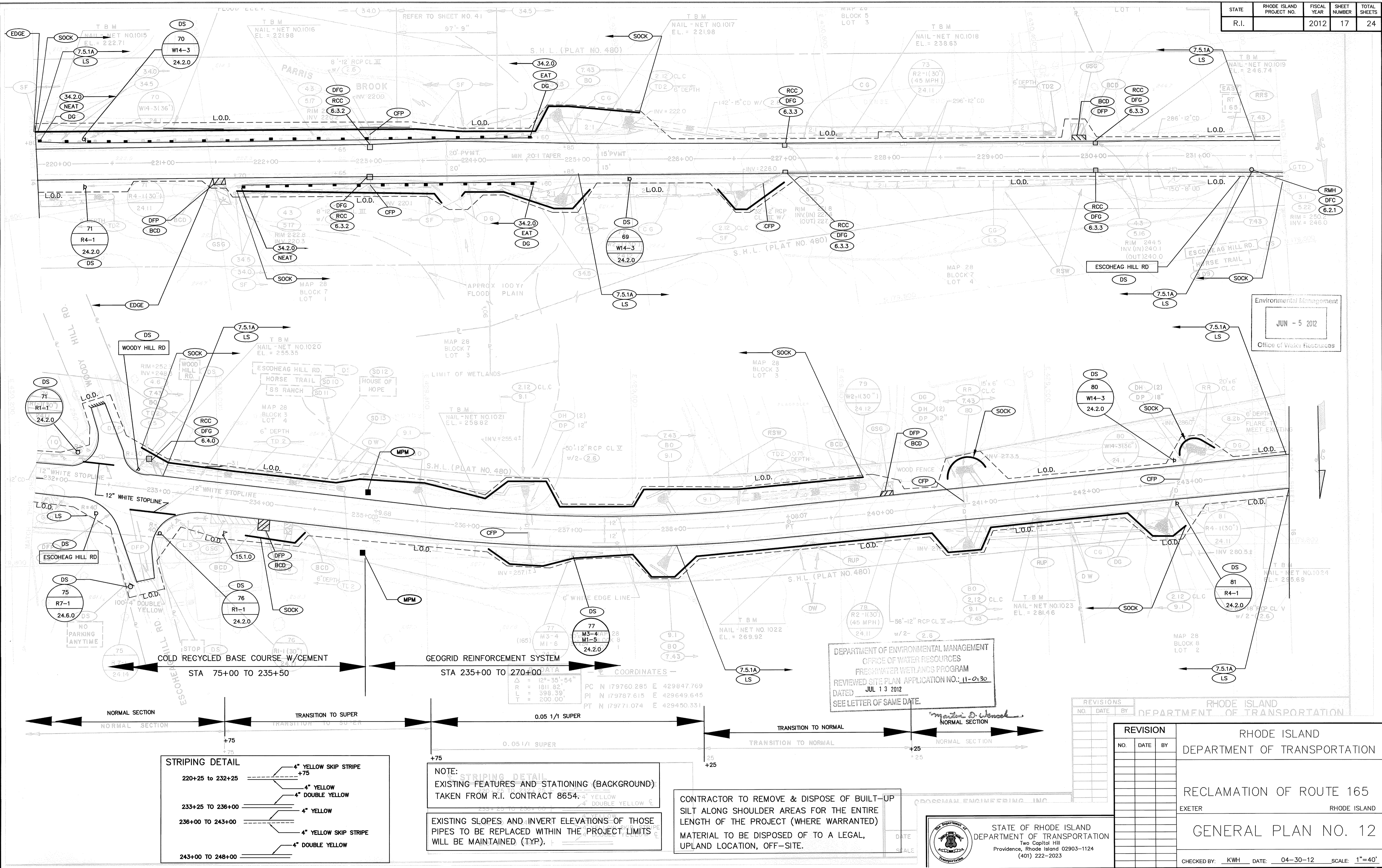
RECLAMATION OF ROUTE 165
 EXETER RHODE ISLAND

GENERAL PLAN NO. 11

CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'

C:\LAND PROJECTS\PIPPIN ORCHARD RD - BILL\log\pippin Orchard Road.dwg 7/31/2008 11:06:48 AM EDT

STATE	RHODE ISLAND	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
R.I.		2012	17	24

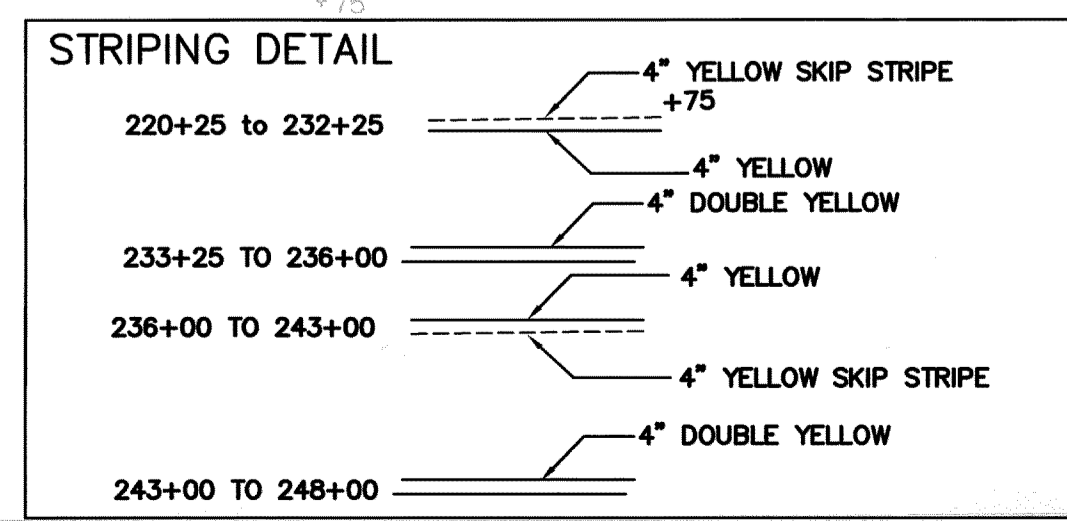


Environmental Management
 JUN - 5 2012
 Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 11-0130
 DATED JUL 13 2012
 SEE LETTER OF SAME DATE.

REVISIONS
 NO. DATE BY

RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
RECLAMATION OF ROUTE 165		
EXETER RHODE ISLAND		
GENERAL PLAN NO. 12		
CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'		

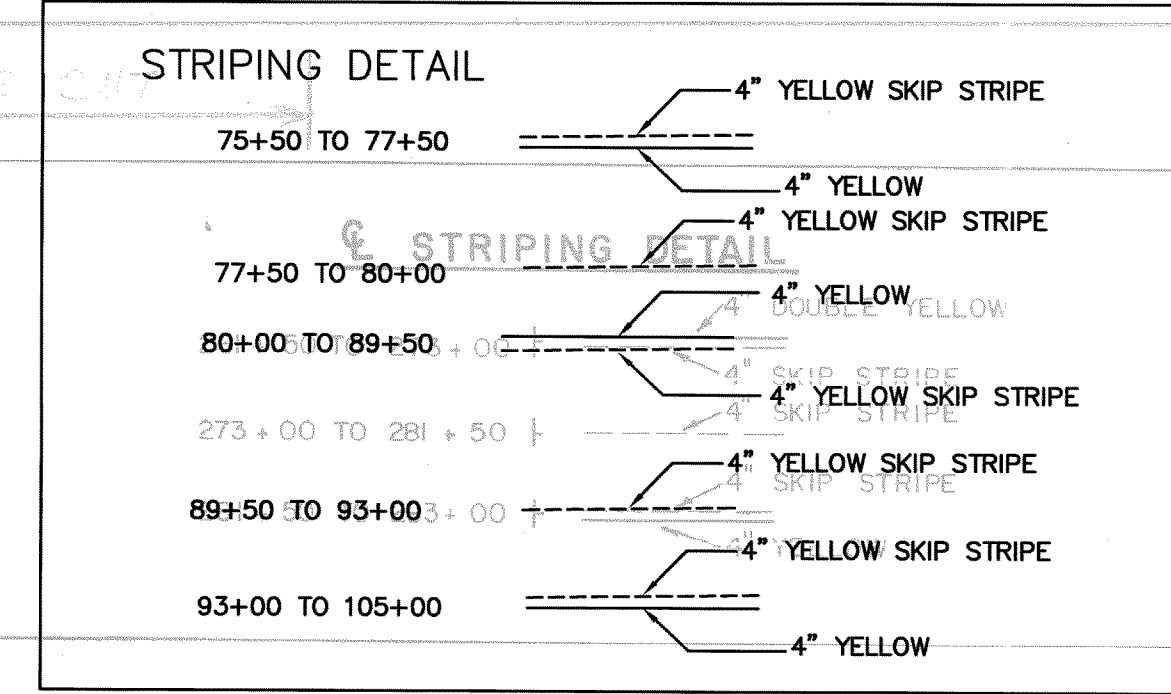
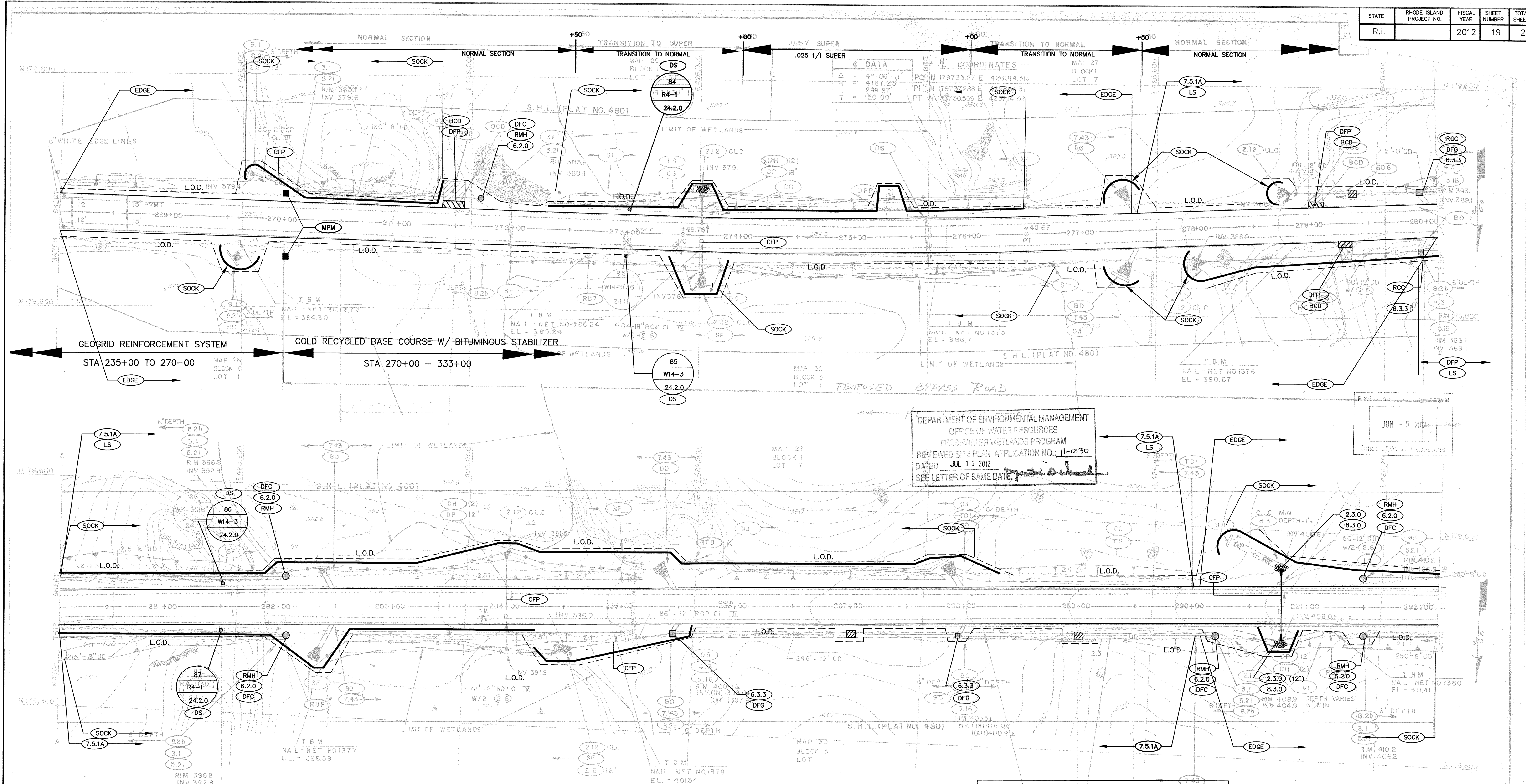


NOTE:
 EXISTING FEATURES AND STATIONING (BACKGROUND) TAKEN FROM R.I. CONTRACT 8654.
 EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS WILL BE MAINTAINED (TYP).

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP SILT ALONG SHOULDER AREAS FOR THE ENTIRE LENGTH OF THE PROJECT (WHERE WARRANTED) MATERIAL TO BE DISPOSED OF TO A LEGAL, UPLAND LOCATION, OFF-SITE.

STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Two Capitol Hill
 Providence, Rhode Island 02903-1124
 (401) 222-2023

CLAND PROJECTS/PIPPIN ORCHARD RD - BILLING/PIPPIN Orchard Road.dwg 7/3/2008 11:06:48 AM EDT



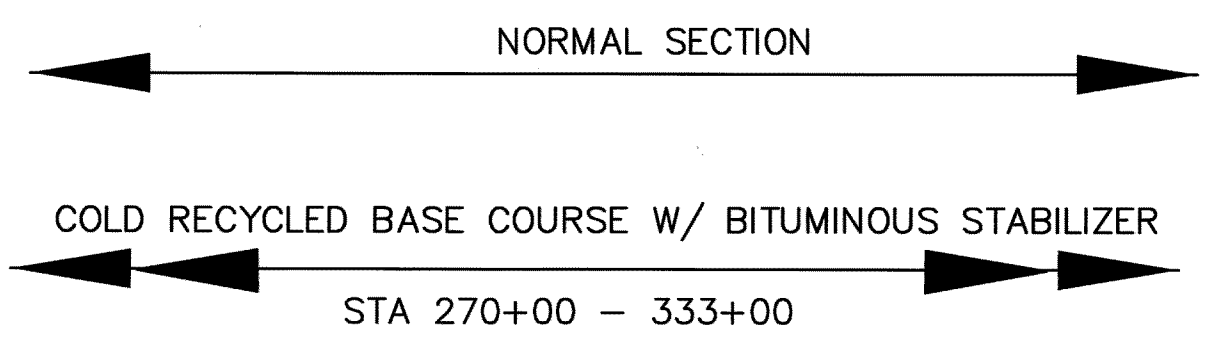
NOTE:
 EXISTING FEATURES AND STATIONING (BACKGROUND) TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS WILL BE MAINTAINED (TYP).

CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP SILT ALONG SHOULDER AREAS FOR THE ENTIRE LENGTH OF THE PROJECT (WHERE WARRANTED). MATERIAL TO BE DISPOSED OF TO A LEGAL, UPLAND LOCATION, OFF-SITE.

PROVIDE 24" GRAVEL SUBBASE

270+00 - 271+50
 279+50 - 282+00



STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Two Capitol Hill
 Providence, Rhode Island 02903-1124
 (401) 222-2023

REVISION			NO.	DATE	BY
NO.	DATE	BY			

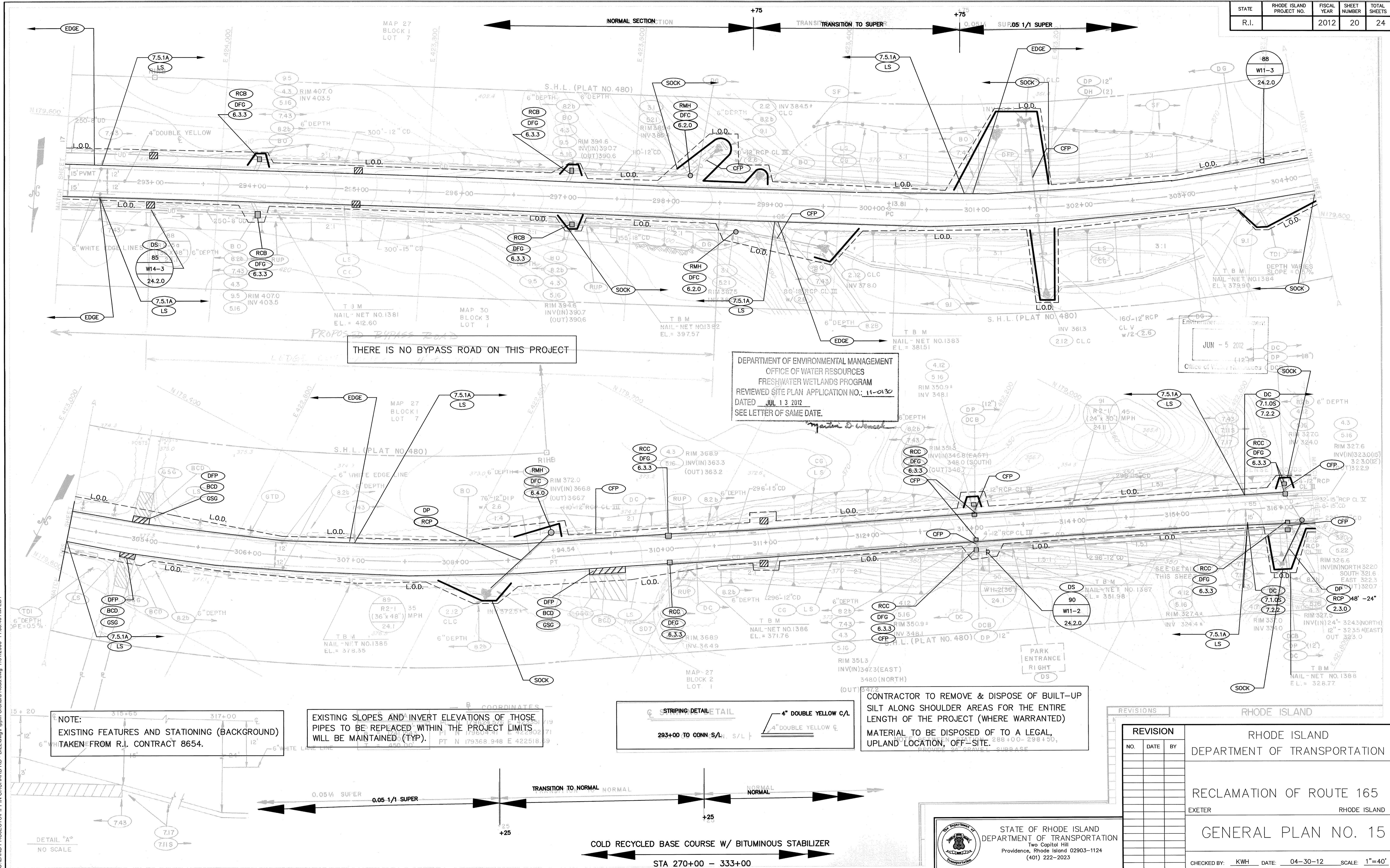
RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION

RECLAMATION OF ROUTE 165
 EXETER RHODE ISLAND

GENERAL PLAN NO. 14

CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'

C:\LAND PROJECTS\PIPPIN ORCHARD RD - BILL\WIP\PIPPIN Orchard Road.dwg 7/31/2008 11:06:46 AM EDT



THERE IS NO BYPASS ROAD ON THIS PROJECT

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

NOTE:
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS
WILL BE MAINTAINED. (TYP.)

STRIPING DETAIL
293+00 TO CONN. S/L. S/L
4" DOUBLE YELLOW C/L
4" DOUBLE YELLOW

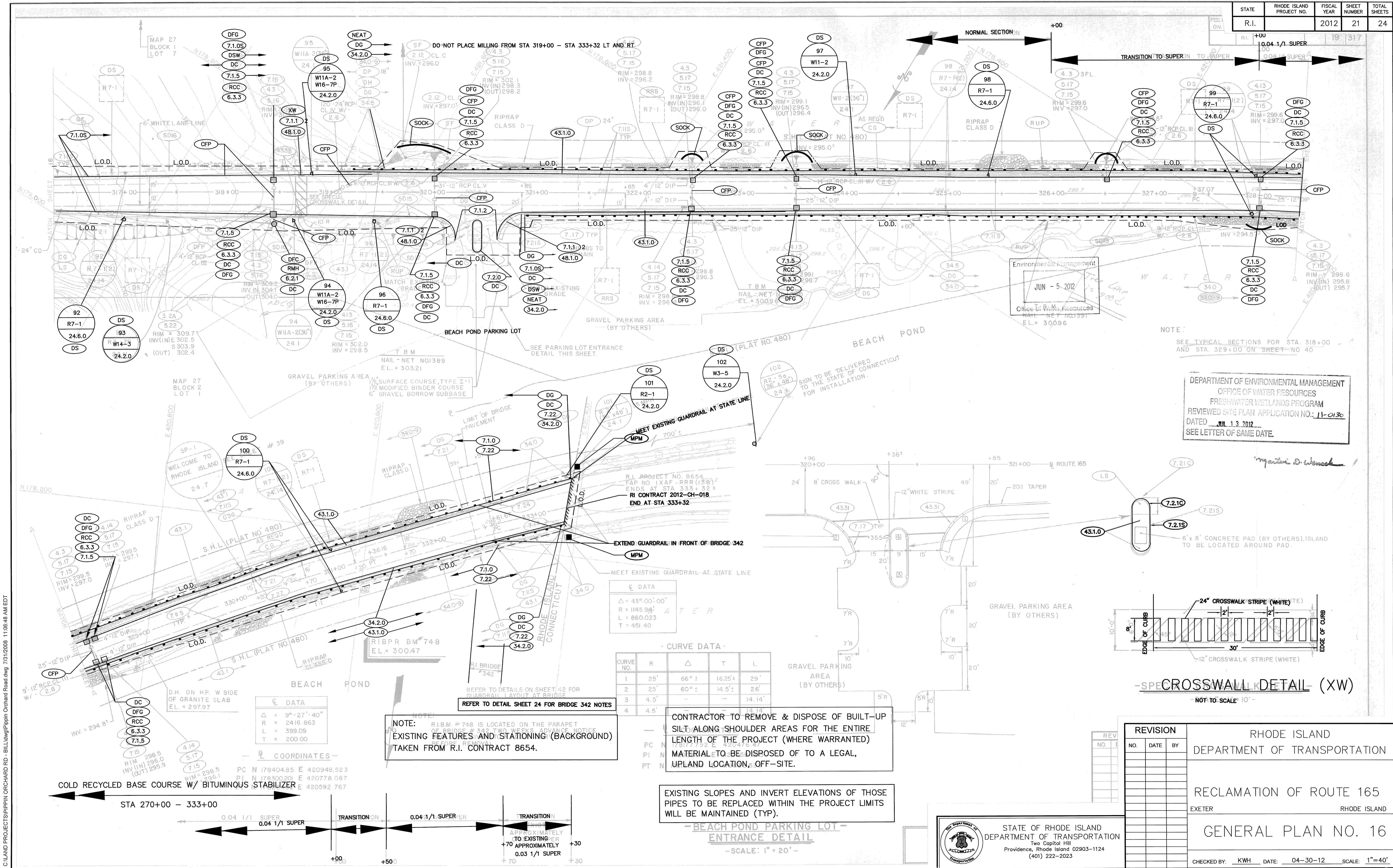
CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
SILT ALONG SHOULDER AREAS FOR THE ENTIRE
LENGTH OF THE PROJECT (WHERE WARRANTED)
MATERIAL TO BE DISPOSED OF TO A LEGAL,
UPLAND LOCATION, OFF-SITE.

REVISIONS			RHODE ISLAND	
NO.	DATE	BY	RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
			RECLAMATION OF ROUTE 165 EXETER RHODE ISLAND	
			GENERAL PLAN NO. 15	
			CHECKED BY: KWH DATE: 04-30-12 SCALE: 1"=40'	

STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capitol Hill
Providence, Rhode Island 02903-1124
(401) 222-2023

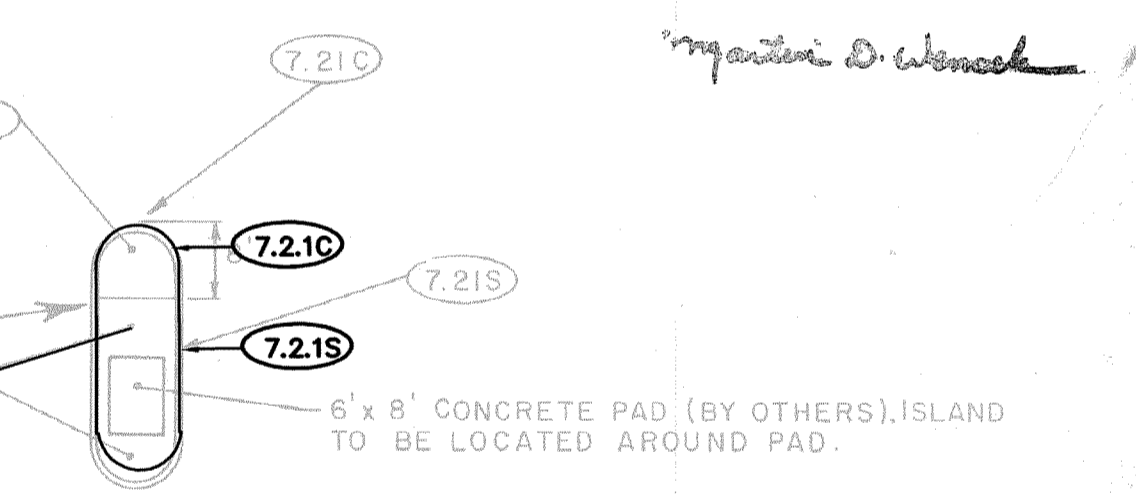
COLD RECYCLED BASE COURSE W/ BITUMINOUS STABILIZER
STA 270+00 - 333+00

C:\LAND PROJECTS\PIPPIN ORCHARD RD - BILL\wg\pippin Orchard Road.dwg 7/8/12/2008 11:06:48 AM EDT



NOTE:
SEE TYPICAL SECTIONS FOR STA. 318+00
AND STA. 329+00 ON SHEET NO. 40

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.



-SPEC CROSSWALK DETAIL- (XW)
NOT TO SCALE 10'

DATA

Δ	= 43° 00' 00"
R	= 1145.94'
L	= 860.023'
T	= 451.40'

CURVE DATA

CURVE NO.	R	Δ	T	L
1	25'	66° ±	16.25' ±	29'
2	25'	60° ±	14.5' ±	26'
3	4.5'	-	-	14.14'
4	4.5'	-	-	14.14'

NOTE:
R.I.B.M. # 748 IS LOCATED ON THE PARAPET
OF BRIDGE # 342 TWO WEEKS ADVANCE NOTICE
EXISTING FEATURES AND STATIONING (BACKGROUND)
TAKEN FROM R.I. CONTRACT 8654.

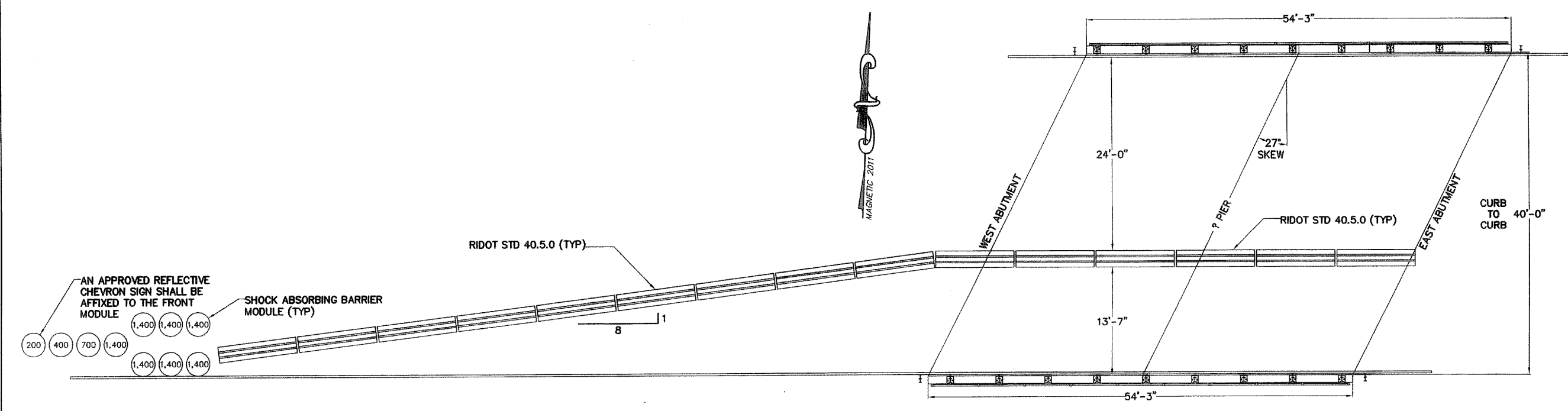
CONTRACTOR TO REMOVE & DISPOSE OF BUILT-UP
SILT ALONG SHOULDER AREAS FOR THE ENTIRE
LENGTH OF THE PROJECT (WHERE WARRANTED)
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EXISTING SLOPES AND INVERT ELEVATIONS OF THOSE
PIPES TO BE REPLACED WITHIN THE PROJECT LIMITS
WILL BE MAINTAINED (TYP).

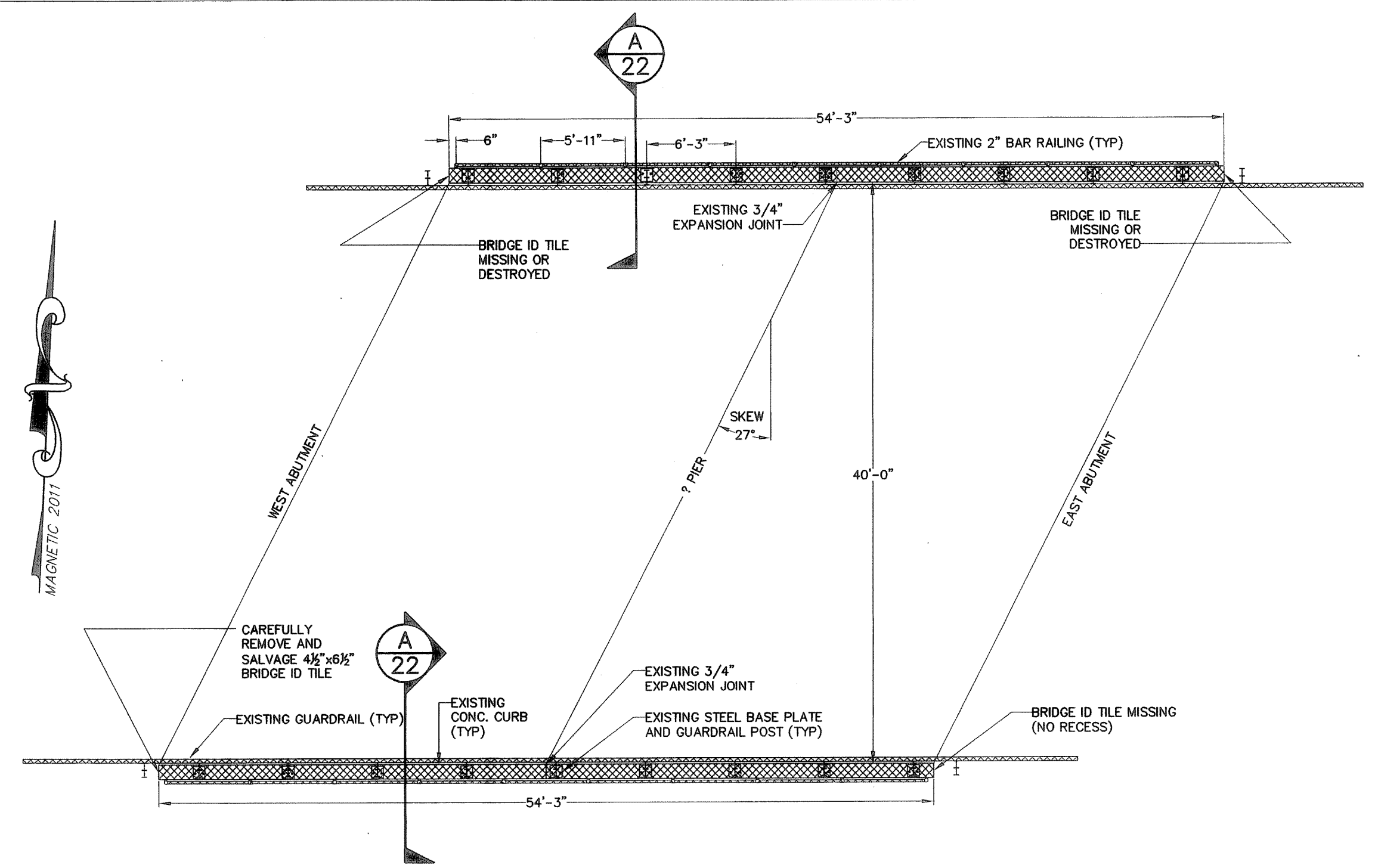
-BEACH POND PARKING LOT -
ENTRANCE DETAIL
-SCALE: 1" = 20'-

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION RECLAMATION OF ROUTE 165 EXETER RHODE ISLAND GENERAL PLAN NO. 16
NO.	DATE	BY	
			STATE OF RHODE ISLAND DEPARTMENT OF TRANSPORTATION Two Capitol Hill Providence, Rhode Island 02903-1124 (401) 222-2023
CHECKED BY: KWH			DATE: 04-30-12
			SCALE: 1" = 40'

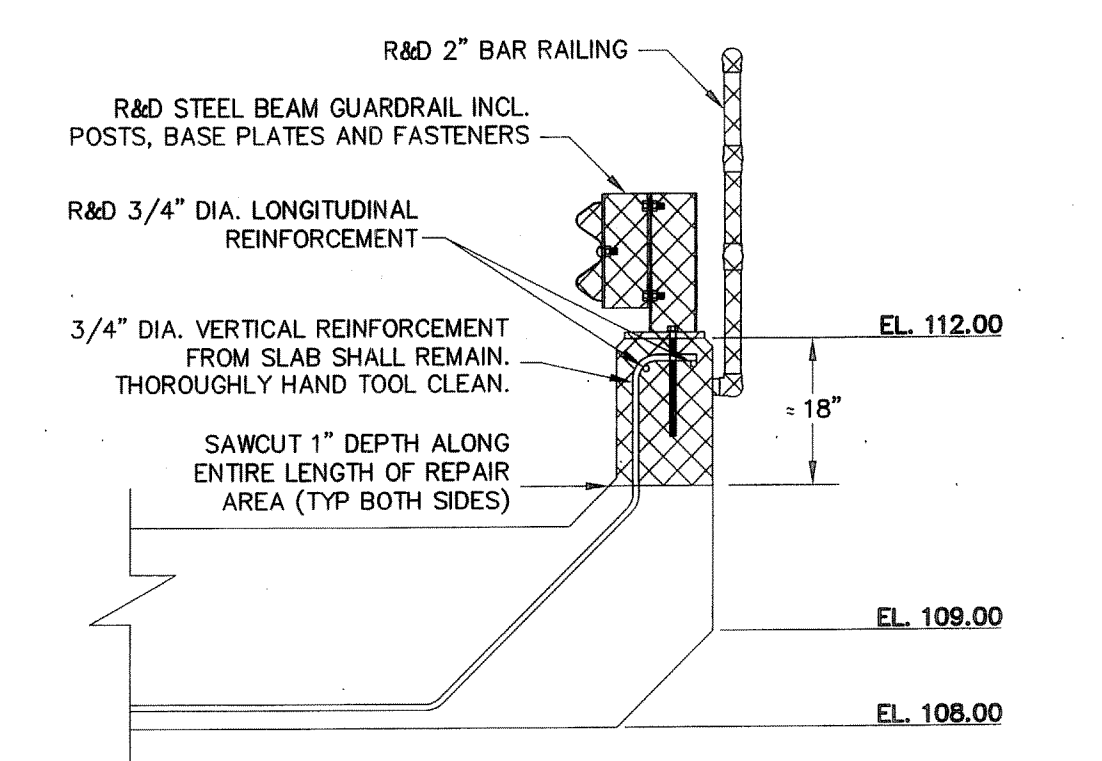
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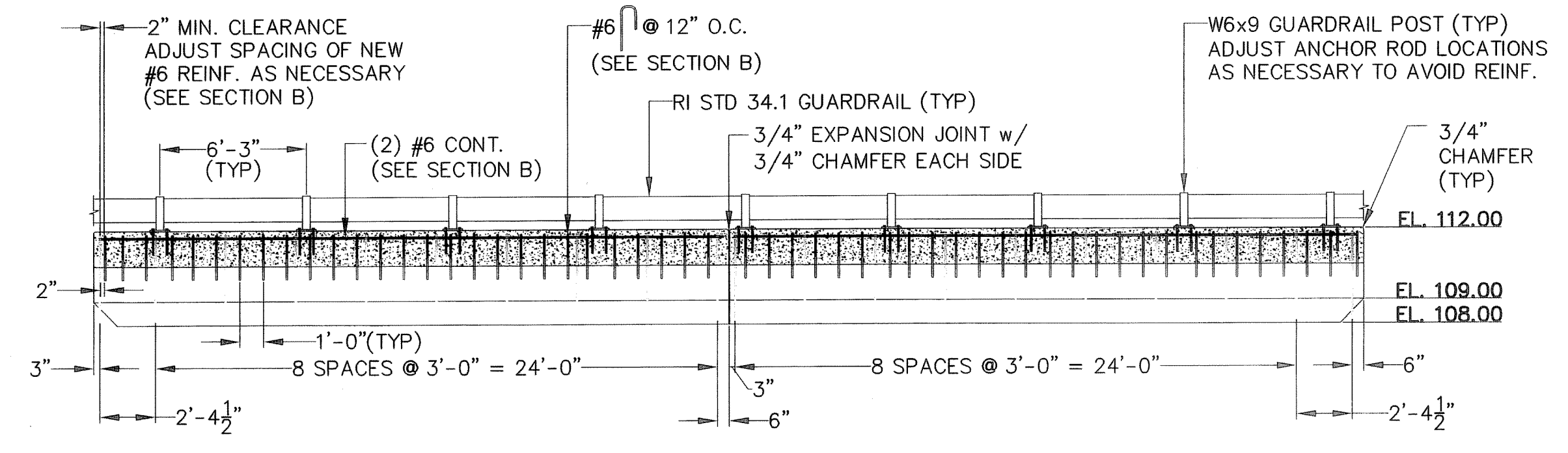
TEMPORARY MEDIAN BARRIER PLAN
 WORKZONE FOR SOUTH CURB SHOWN, SIMILAR FOR OPPOSITE SIDE
 NOT TO SCALE



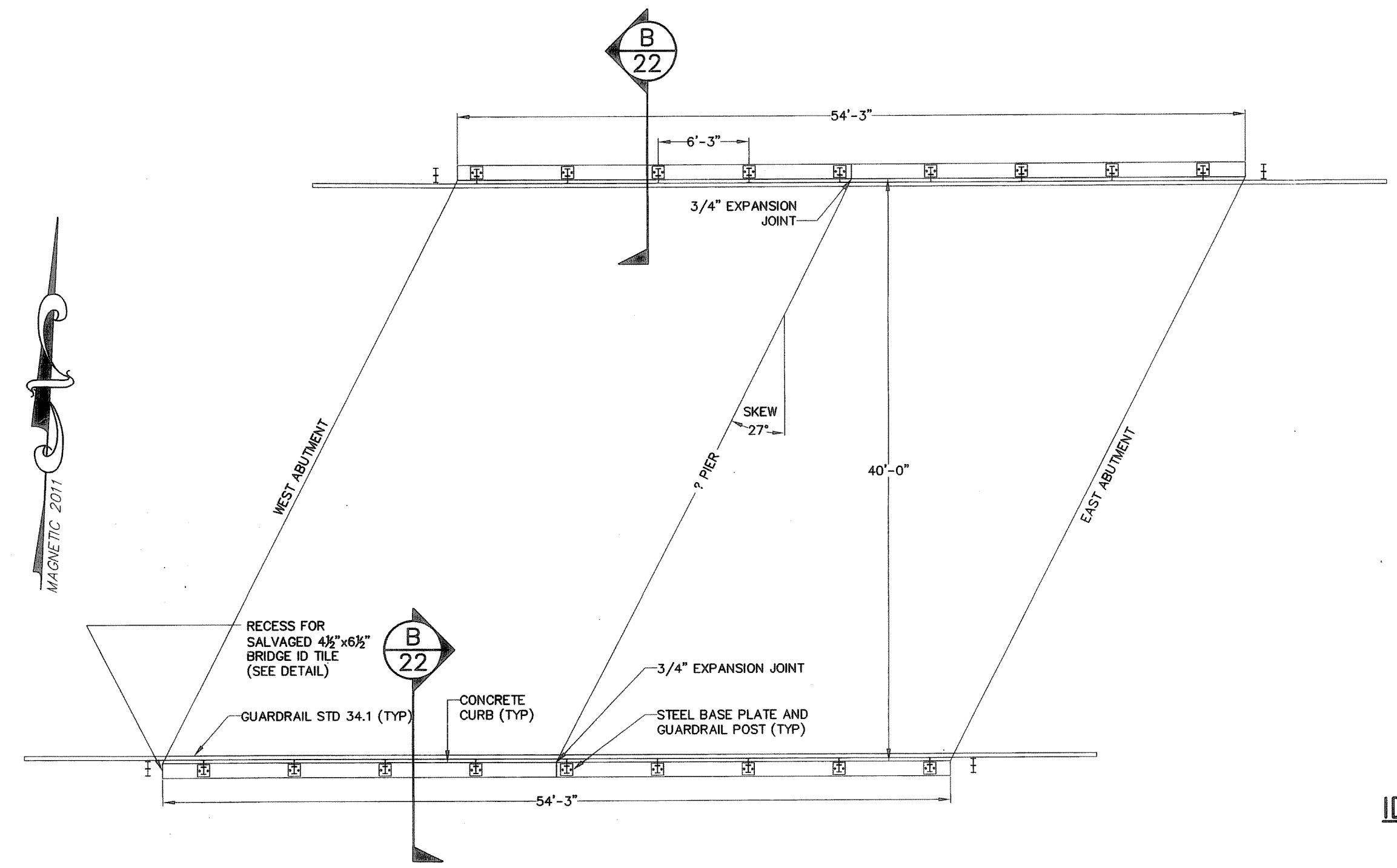
BRIDGE CURB DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



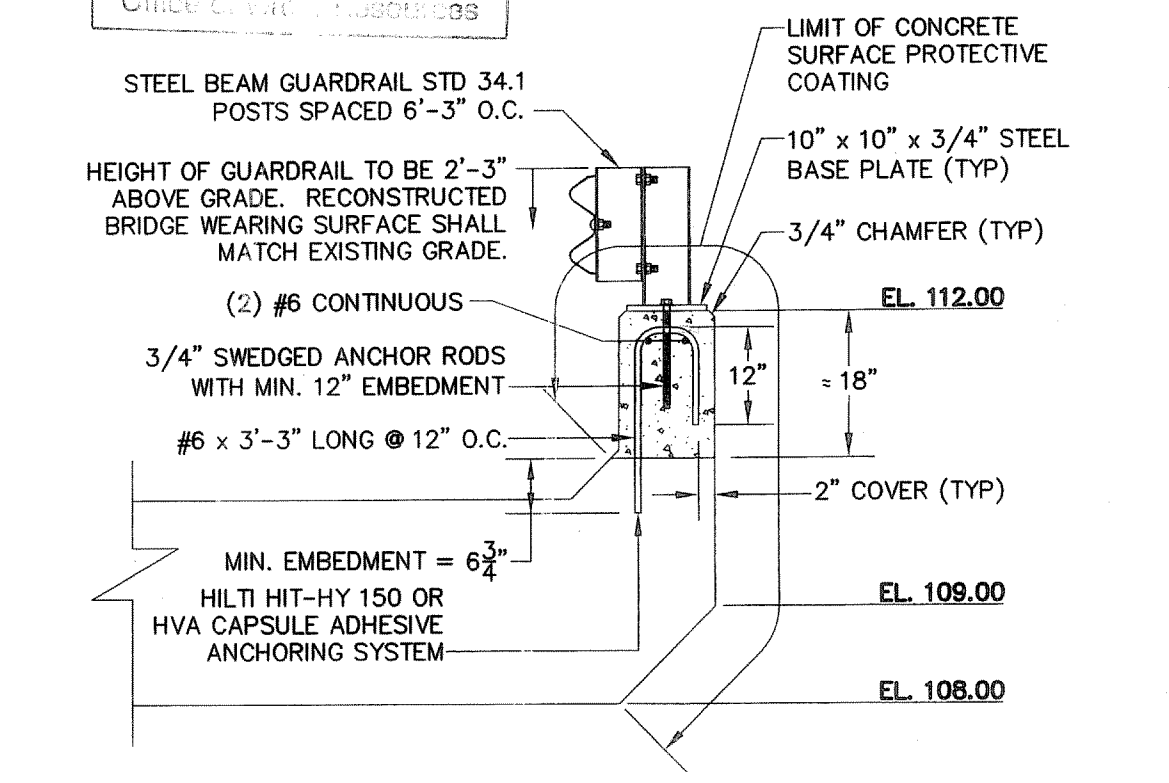
BRIDGE CURB DEMOLITION SECTION



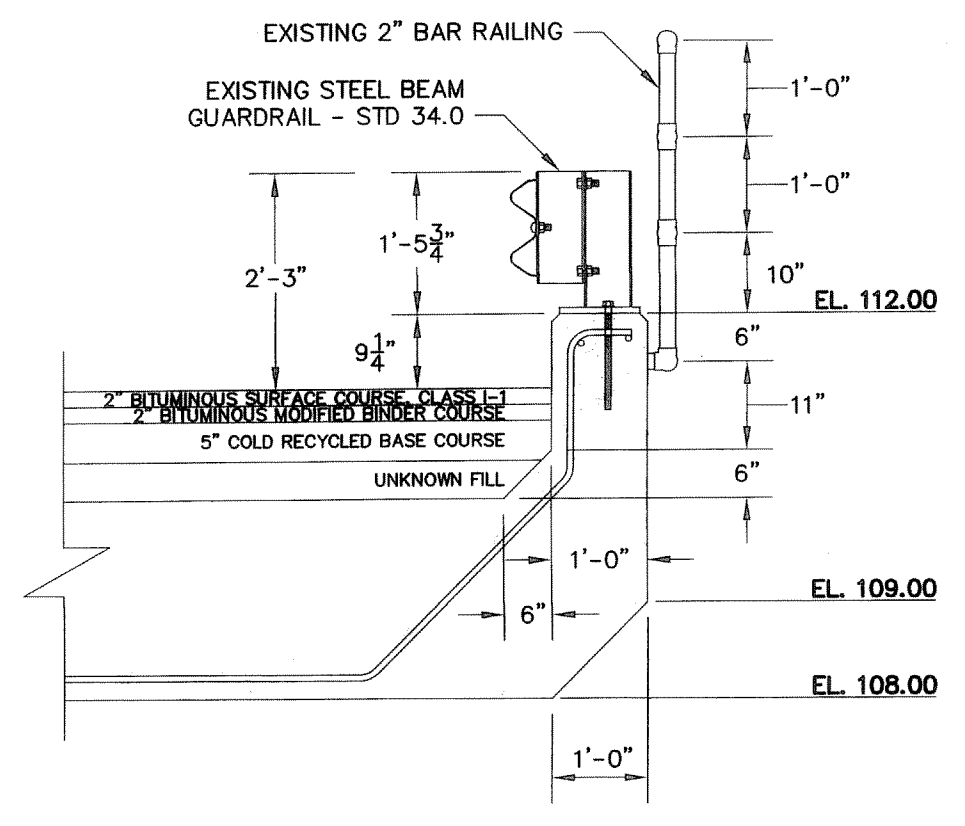
BRIDGE CURB RECONSTRUCTION ELEVATION
 SCALE: 3/16" = 1'-0"



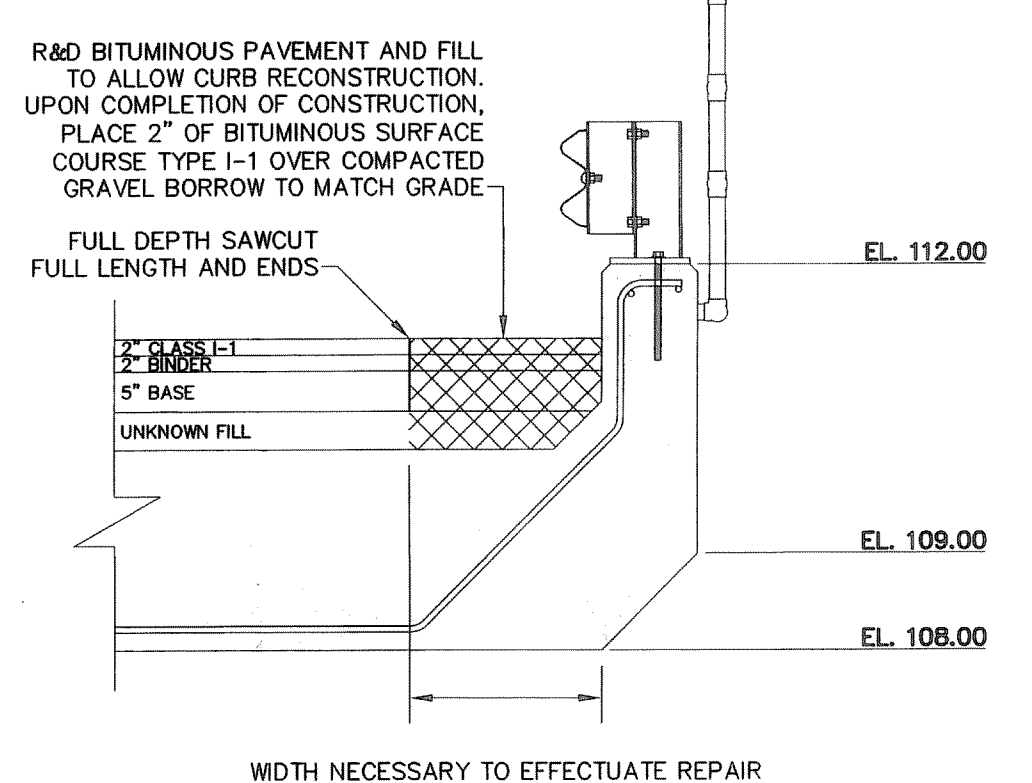
BRIDGE CURB RECONSTRUCTION PLAN
 SCALE: 1/8" = 1'-0"



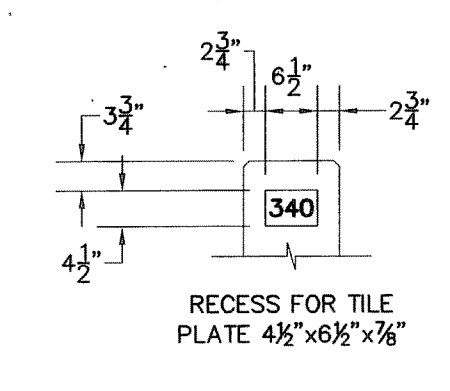
BRIDGE CURB RECONSTRUCTION SECTION



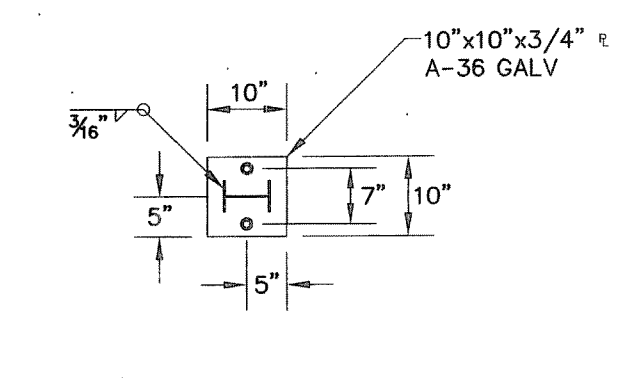
EXISTING BRIDGE CURB SECTION
 SCALE: 1/2" = 1'-0"



PAVEMENT REMOVAL SECTION
 SCALE: 1/2" = 1'-0"



ID TABLET RECESS DETAIL
 SCALE: 1/2" = 1'-0"



PLAN AT BASE PLATE
 SCALE: 1/2" = 1'-0"

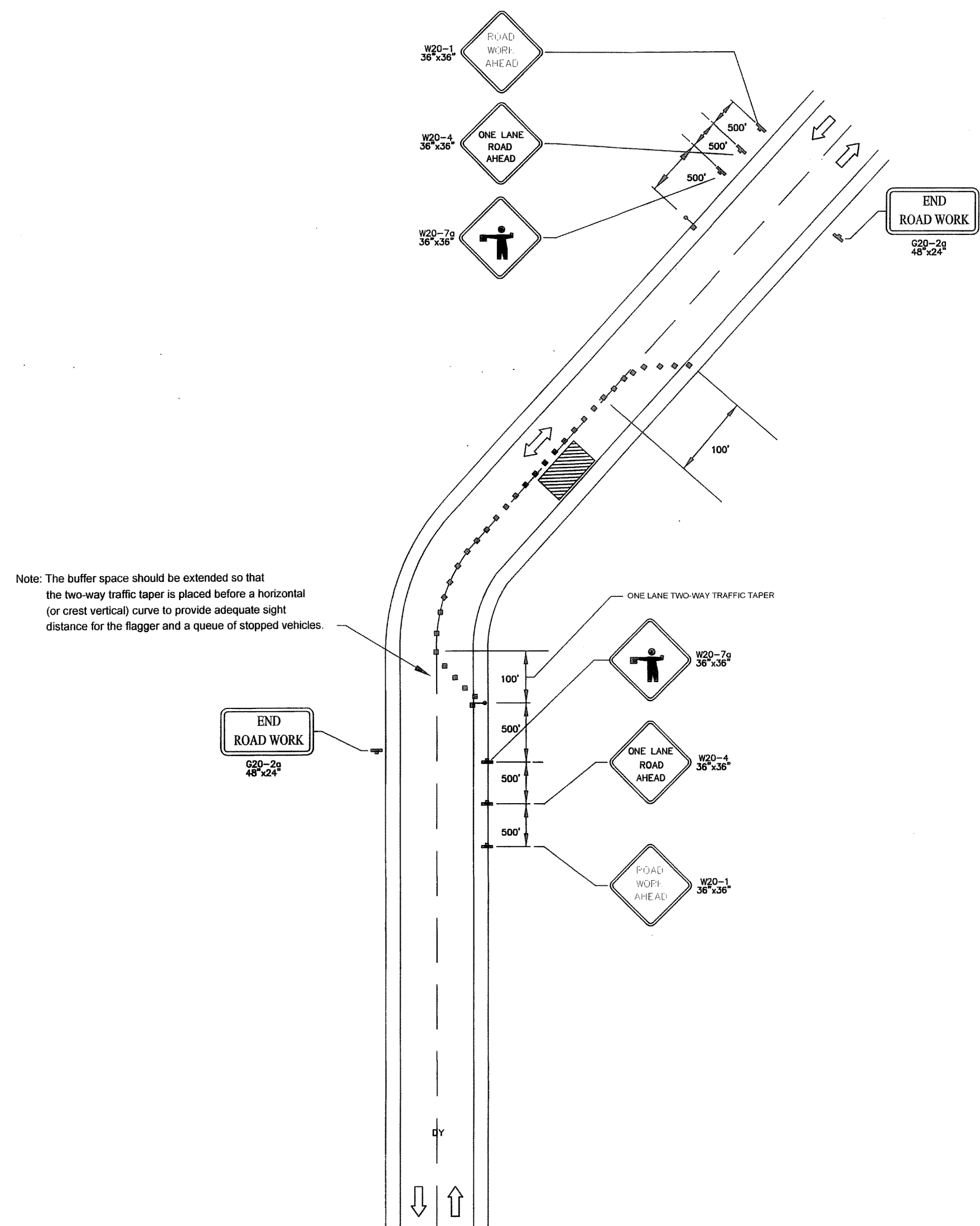
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 11-0130
 DATED JUL 13 2012
 SEE LETTER OF SAME DATE.

STATE OF RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 Two Capital Hill
 Providence, Rhode Island 02903-1124
 (401) 222-2023

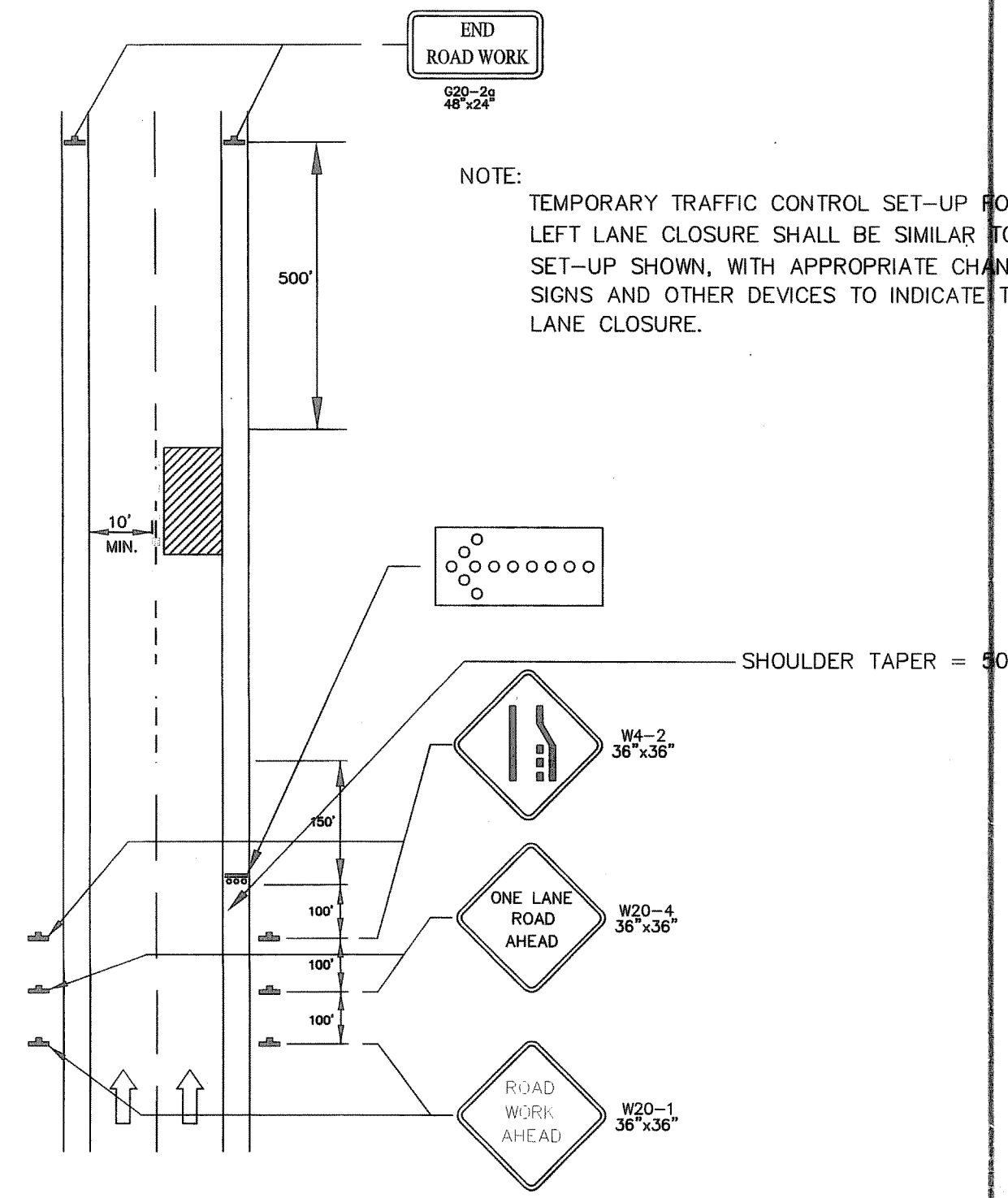
REVISION			NO.	DATE	BY
NO.	DATE	BY			

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 RI ROUTE 165
 RECLAMATION
 EXETER RHODE ISLAND
 WOOD RIVER BRIDGE NO. 340
 CURB REPAIR/GUARDRAIL DETAILS
 CHECKED BY: D.J.C. DATE: 5-25-11 SCALE: AS NOTED

CIVIL DESIGN BRIDGE 340 WOOD RIVER BRIDGE



LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS
NOT TO SCALE



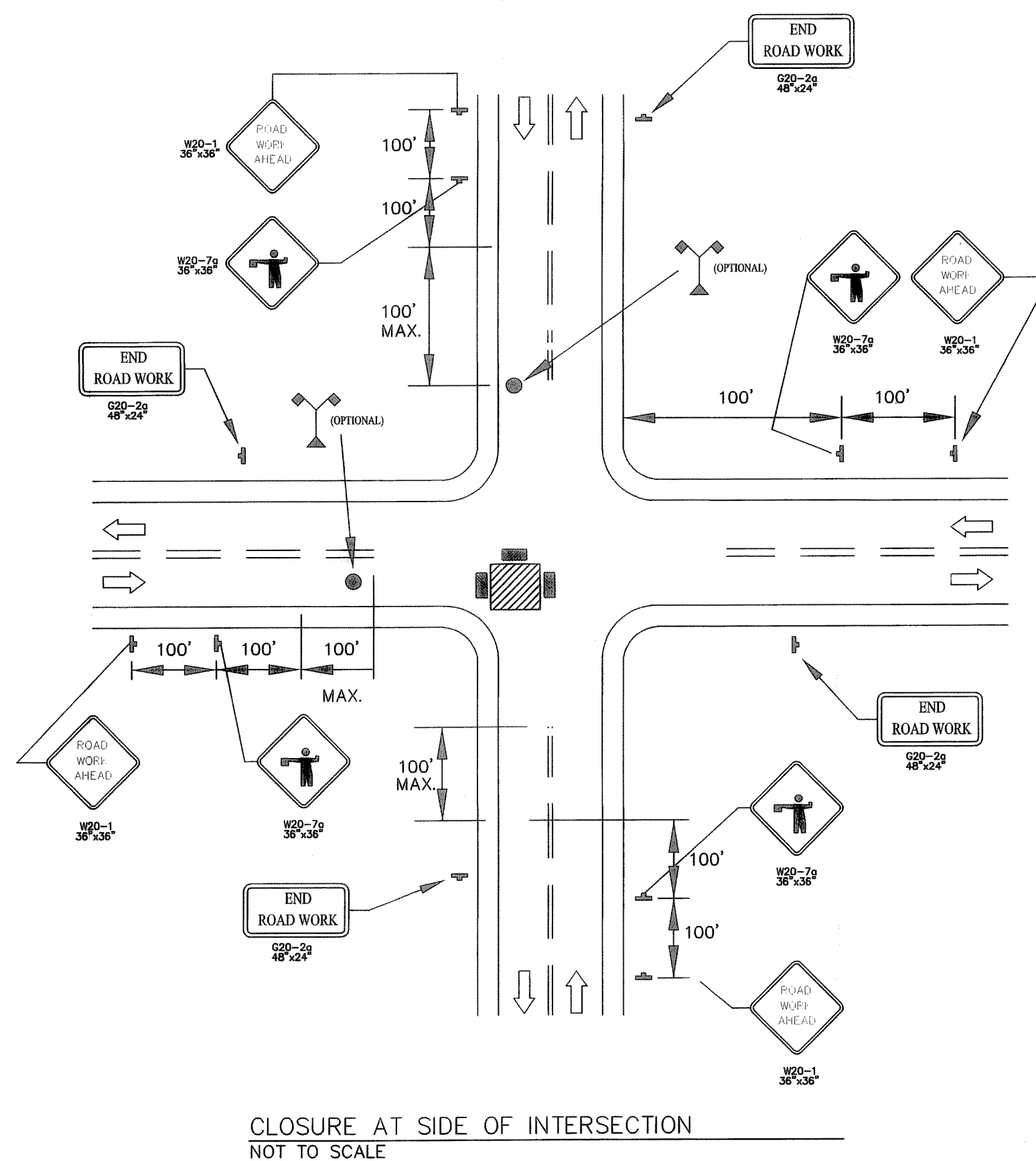
STATIONARY LANE CLOSURE ON TWO LANE SAME DIRECTION ROADWAY
NOT TO SCALE

NOTES:

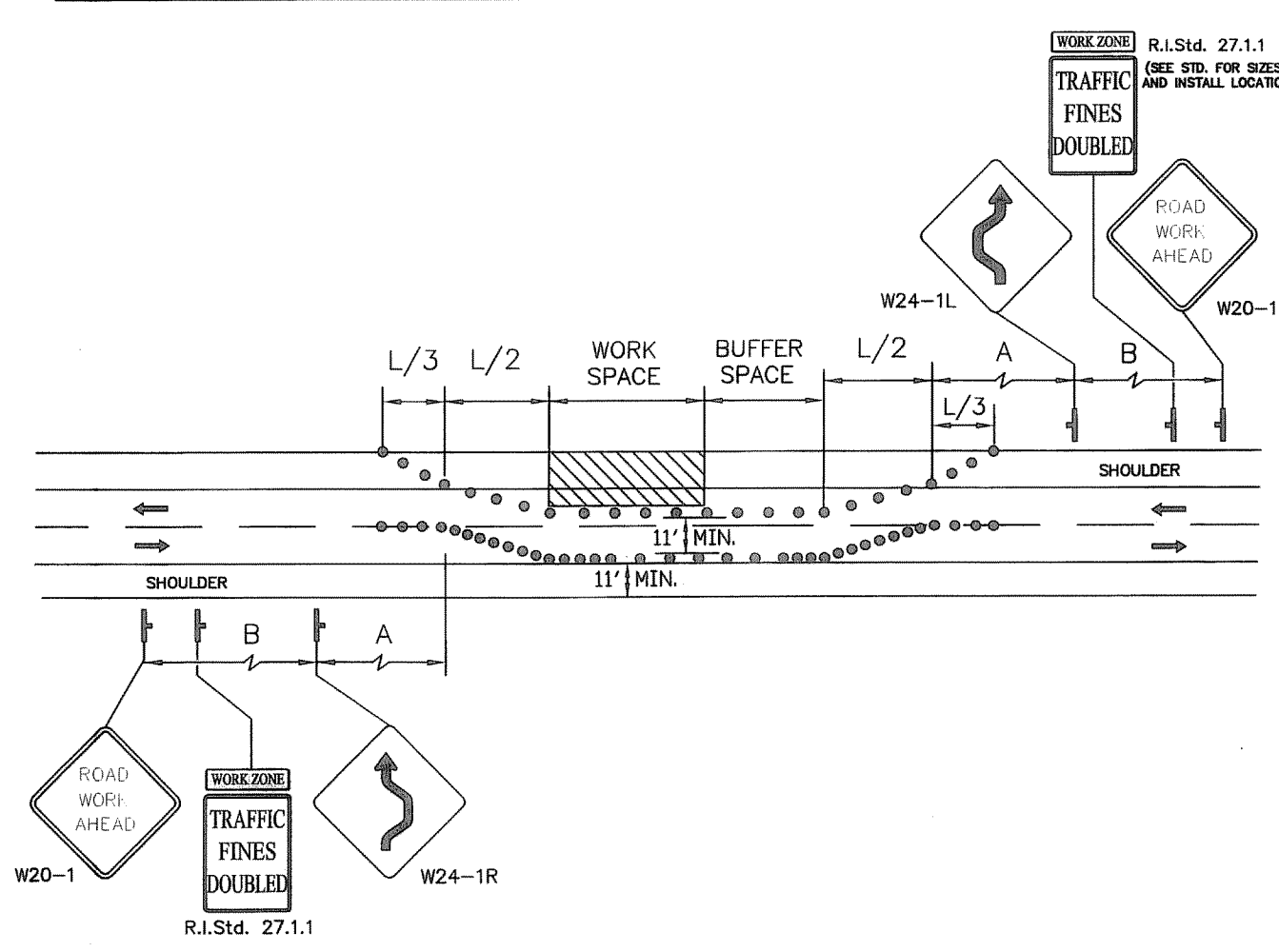
- CHANNELIZING DEVICES AND ADVANCE WARNING SIGNS SHOULD BE PLACED BEYOND THE MINIMUM DISTANCES SHOWN, IF NEEDED TO MAINTAIN THEIR VISIBILITY TO MOTORISTS WHERE SIGHT DISTANCE IS RESTRICTED.
- IF THE WORK SPACE, INCLUDING ALL EQUIPMENT AND PERSONNEL, IS MORE THAN 15 FEET FROM THE EDGE OF PAVEMENT, ADVANCE WARNING SIGNS ARE NOT REQUIRED.
- A BUFFER SPACE IS REQUIRED FOR ALL WORK ZONES.
- ALL TRAFFIC CONTROL PROCEDURES SHALL CONFORM TO PART VI OF THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND TRAFFIC CONTROL DEVICES HANDBOOK, INCLUDING THE LATEST REVISIONS.
- FLAGPERSONS SHALL BE USED TO CONTROL CONSTRUCTION TRAFFIC ENTERING AND LEAVING THE WORK AREAS.
- ALL MOVING OPERATIONS (i.e. STRIPING, PLACEMENT OF DRUMS, etc.) SHALL BE IN ACCORDANCE WITH THE MUTCD.
- ALL SIGNS AND BARRICADES ARE TO BE PLACED AND RELOCATED BY THE CONTRACTOR AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST FOR THE RELOCATIONS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR "MAINTENANCE AND MOVEMENT OF TRAFFIC PROTECTION."
- CONSTRUCTION VEHICLES SHALL NOT ENCRoACH UPON OPEN LANES OF TRAFFIC EXCEPT WHEN ENTERING AND EXITING THE WORK ZONE. CONSTRUCTION OPERATIONS SHALL NOT ENCRoACH UPON OPEN LANES OF TRAFFIC AT ANY TIME.
- ANY SUBCONTRACTORS EMPLOYED BY THE CONTRACTOR OR RIDOT ON THIS PROJECT SHALL WORK WITHIN THE SAME PROTECTED WORK AREAS AS THE CONTRACTOR. NO SEPARATE BLOCK CLOSURES SHALL BE ALLOWED.
- THESE TRAFFIC CONTROL DETAILS ARE ONLY INTENDED TO PROVIDE GENERAL GUIDANCE TO THE CONTRACTOR AND DO NOT ENCOMPASS ALL CIRCUMSTANCES WHICH MAY BE ENCOUNTERED DURING THE CONSTRUCTION OF THIS PROJECT. FOR SITUATIONS NOT COVERED BY THESE DETAILS, REFER TO PART VI OF THE 2009 MUTCD INCLUDING THE LATEST REVISIONS.

LEGEND

- CHANNELIZING DEVICE
- DIRECTION OF TRAFFIC
- FLAGGER OR UNIFORMED OFFICER
- TYPE III BARRICADE
- SIGN (SHOWN FACING DOWN)
- WORK SPACE
- ADVANCE WARNING ARROW PANEL



CLOSURE AT SIDE OF INTERSECTION
NOT TO SCALE



ALL TEMPORARY TRAFFIC CONTROL SET-UPS AND DEVICES AND THEIR INSTALLATION, MAINTENANCE, AND REMOVAL SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) WITH ALL REVISIONS, AND THE LATEST EDITION OF THE "TRAFFIC CONTROL DEVICES HANDBOOK" INCLUDING THE LATEST REVISIONS.

ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.

ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS SOON AS PRACTICABLE WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS DISCONTINUED FOR SHORT PERIODS OF THE TEMPORARY TRAFFIC CONTROL DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR CHANGED.

DEVICES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

THE MAXIMUM ALLOWABLE LENGTH OF THE SHIFTED TRAFFIC SECTION FOR THE TEMPORARY TRAFFIC CONTROL SET-UP SHOWN IS 500 FEET.

MAXIMUM SPACING OF CHANNELIZING DEVICES IN A TAPER IS EQUAL TO THE SPEED LIMIT IN MPH. MAXIMUM SPACING OF CHANNELIZING DEVICES IN A BUFFER SPACE IS EQUAL TO 10 FEET. THE MAXIMUM SPACING OF CHANNELIZING DEVICES BETWEEN TRAFFIC BARRICADES IN OPPOSITE DIRECTION TRAFFIC SHOULD BE 10 FEET. ADDITIONAL SPACING IS NEEDED TO CLEARLY DEFINE THE DESIRED TRAFFIC FLOW.

MINIMUM LANE WIDTH IS TO BE 11 FEET UNLESS OTHERWISE SPECIFIED. MINIMUM LANE WIDTH TO BE MAINTAINED FROM THE EDGE OF CHANNELIZING DEVICES.

THE SIDES OF ALL DOWNWARD SHIPPED ADVANCE WARNING SIGNS SHALL BE 3" X 3".

WHEN A SIDE STREET OR RAMP INTERSECTS THE WORK ZONE, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH PART 6 OF THE MUTCD.

TYPICAL LANE SHIFT ON TWO-LANE ROAD USING FLAGGERS
NOT TO SCALE

MINIMUM ADVANCE WARNING SIGN SPACING

Posted Speed Limit & Location	Distance Between Signs (Feet)		
	A	B	C
30 MPH OR LESS IN URBAN OR RURAL AREA	100	100	100
35 MPH OR GREATER IN URBAN AREA	350	350	350
35 MPH OR GREATER IN RURAL AREA	500	500	500

TAPER AND BUFFER LENGTHS

Speed Limit	Taper Length* (ft)	Buffer Space* (ft)
25 MPH	125	55
30 MPH	180	85
35 MPH	245	120
40 MPH	320	170
45 MPH	540	220
50 MPH	600	280

* Required
* Suggested

Environmental Permit
JUN - 5 2012
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 11-0130
DATED JUL 13 2012
SEE LETTER OF SAME DATE.

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
			STATEWIDE DRAINAGE IMPROVEMENTS RECLAMATION OF ROUTE 165	
			EXETER RHODE ISLAND	
			TRAFFIC CONTROL PLAN	
			CHECKED BY: MJD DATE: 04-30-12 SCALE: AS NOTED	

STATE OF RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
Two Capitol Hill
Providence, Rhode Island 02903-1124
(401) 222-2023