

November 29, 2012

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION
RHODE ISLAND CONTRACT NO.2013-CH-004
FEDERAL-AID PROJECT NO. FAP Nos: 405-421-633, 405-421-634, BRO-1954(075)

I-195 Relocation - Contract 14(West side city streets)

Dyer Street from Eddy to Peck Streets
Dorrance Street from Clifford to Dyer Streets
Eddy Street from Dyer to Richmond Streets
Point Street from Hospital Street to the Providence River
Clifford Street from East Franklin to Dyer Streets
Friendship Street from East Franklin to Richmond Streets
Chestnut Street from Pine to Clifford Streets
Richmond Street from Friendship to Ship Streets
Claverick Street from Clifford to Friendship Streets
CITY/TOWN OF Providence
COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 2 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Clarification

1. Pre-Bid Attendance

The Pre-Bid attendance Sheet is attached to this Addendum No. 2

2. Item Code 202.9987 and 202.9989

Payment for this item will be made at the cost charged by the RIRRC. The Only Acceptable bid price as shown in the proposal will be adjusted per the Basis of payment for these items.

B. Specification Change/Addition

1. Index Page v

Delete index page v(R-1) in its entirety and replace it with index page v(R-2) attached to this Addendum No. 2. Page JS-266 has been added to the list of specifications. New specifications have been added to the end of the index.

2. Page JS-209
Delete Page JS-209 in its entirety and replace it with Page JS-209(R-1) attached to this Addendum No. 2. The Description has been revised.
3. Page JS-266
Delete Page JS-266 in its entirety and replace it with Page JS-266(R-1) attached to this Addendum No. 2. A note has been added at the top of the page.
4. Page JS-286
Delete Page JS-286 in its entirety and replace it with Page JS-286(R-1) attached to this Addendum No. 2. The equipment specification has been revised.
5. Pages JS-287 and JS-288
Add Pages JS-287 and JS-288 attached to this Addendum No. 2. Special Provision T14.9901 has been added.
6. Pages JS-289 and JS-290
Add Pages JS-289 and JS-290 attached to this Addendum No. 2. Special Provision T14.9902 has been added.
7. Page JS-291
Add Page JS-291 attached to this Addendum No. 2. Section 12.107.99 has been added.

C. Proposal Addition/Deletion

1. Proposal Page P-1
Delete Page P-1 of the Proposal in its entirety and replace it with Page P-1(R-1) attached to this Addendum No. 2. The Minimum Acceptable Bid Price for Item Codes 914.5010 and 914.5020 have been revised. A Minimum acceptable bid has been added for Item Code 937.0200
2. Proposal Pages P-56 (R-1) and P-57 (R-1)
Delete Pages P-56(R-1) and P-57(R-1) in their entirety and replace them with Pages P-56(R-2) and P-57(R-2) attached to this Addendum No. 2. The Addendum Date has been added. The Proposal Pages will be generated by the Quest Lite Bid File.

D. Drawings/Plans - Change/Addition

1. Sheet V1_044
Delete Sheet V1_044 in its entirety and replace it with Sheet V1_044(R-1) attached to this Addendum No. 2. The details have been revised.
2. Sheet V1_046
Delete Sheet V1_046 in its entirety and replace it with Sheet V1_046(R-1) attached to this Addendum No. 2. The details have been revised.

3. Sheet V1_049

Delete Sheet V1_049 in its entirety and replace it with Sheet V1_049(R-1) attached to this Addendum No. 2. Callouts have been revised.

4. Sheet V1_055

Delete Sheet V1_055 in its entirety and replace it with Sheet V1_055(R-1) attached to this Addendum No. 2. Callouts have been revised.

5. Sheet V1_060

Delete Sheet V1_060 in its entirety and replace it with Sheet V1_060(R-1) attached to this Addendum No. 2. Callouts have been revised.

6. Sheet V1_088

Delete Sheet V1_088 in its entirety and replace it with Sheet V1_088(R-1) attached to this Addendum No. 2. The utility profile has been revised.

7. Sheet V1_151

Delete Sheet V1_151 in its entirety and replace it with Sheet V1_151(R-1) attached to this Addendum No. 2. Sign mounting notes and details have been added. Callouts have been added to the legend.



Federal Highway Administration
Division Administrator



RI Department of Transportation
Chief Engineer

Pre Bid Conference
Relocation of I-195 - Contract 14
RIC 2013-CH-004

11/27/12

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Lambert Zerva	RIDOT	222-2023 x4060
Lee Taylor	D'Ambra Const.	401-737-1300
DAVID FROESMAN	CDR MAGUIRE Const	401 272 6000 x361
JOE CARDELLA	CDR Maguire	401 272-6000 x375
GEORGE BOLDEN	NGRID-ELEC	401-784-7524
GARTH RIVENBURGH	NGRID-ELEC	860-257-4557 ^{x231}
ARTHUR SCOTTON	MANAFONT	401-333-2550
Andrew Iovanni	Manafort	401-333-2650
KOLY CARR	GLA/BETA	781-255-1982
RON ROBILLO	VERIZON	401-727-9538
Philip Jarzowski	DOT	401-275-3840
VAN ANNO	Terra Group	401-331-7420
CHRIS BEAUCHAMP	NAM Infra. Co	521-6300*7218
Row CAMPBELL	Prav. Wer.	265-2871
Brian Ferguson	RIDOT	383-1940
Peter DeSimone	"	
WYNE CLARKE	CARDI CORP	739-8300

INDEX
SPECIAL PROVISIONS
CONSTRUCTION SPECIFIC

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T05.9902	Furnish and Install Cox Communications Handhole	JS-254
T05.9903	Furnish and Install Cox Communications Heavy Duty Handhole	
T08.9905	Furnish and Install National Grid Concrete Light Standard Foundation	JS-255
T08.9907	35' Temporary Wood Pole	JS-260
T11.99	Ornamental Traffic Signal Posts and Foundations	JS-261
T11.9999	Traffic Signal System – Dorrance and Clifford Streets	JS-264
T12.9910	Traffic Signal Controller Including Cabinet and Foundation, Providence	JS-265
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T12.9916	MESH Network Vandal Resistant Antenna with Cable	JS-278
T12.9917	MESH Network Receiver	JS-280
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T15.9901	Street Name Sign Ground Mount	JS-282
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T14.9901	1 Way 3 Section Mast Arm Mounted Optically Programmed Signal Head, 12 Inch	JS-287
T14.9902	L.E.D. Pedestrian Signal Countdown Timer and Module 12 Inch	JS-289
Section 12.107.99	Supplemental Indemnification Requirements	JS-291

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CODE 934.99 FIELD CONTROL AND CONSTRUCTION LAYOUT

DESCRIPTION:

This work shall be performed in accordance with Section 934 of the Standard Specifications and the Compilation of Approved Specifications, except as modified herein. The item shall include all requisite primary survey (i.e. baseline alignment and grades, offsets from the curb or baseline, horizontal and vertical control, etc.) required by utility companies in order for them to layout and install their facilities. The Contractor's surveyor shall coordinate with each utility company prior to providing the survey to review utility company plans and requirements. The survey shall be provided in a timely manner but not significantly earlier than it is needed for installation.

METHOD OF MEASUREMENT:

This item will not be measured for payment. The establishment of field control and the layout of construction work shall be accomplished by a qualified field survey party. Off-site work including, but not limited to, calculations, sketches, drawings, tabulations, correspondence, and/or research will be considered as incidental to the work described above, and will not be considered for payment.

BASIS OF PAYMENT

No separate payment will be made for this item. This item shall be considered a subsidiary obligation of the Contractor. Costs for this item shall be included in the unit bid prices or lump sum bid prices of the appropriate items as listed in the Proposal.

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TECHNICAL SPECIFICATIONS

City of Providence Rhode Island

NOTE: THESE SPECIFICATIONS SHALL APPLY TO ALL TRAFFIC SIGNAL WORK IN THIS CONTRACT. ALL COSTS TO COMPLY SHALL BE INCIDENTAL TO THE APPLICABLE ITEMS OF WORK. NO SEPERATE PAYMENT SHALL BE MADE.

Updated: 4/20/09

1.04 SAW CUTS

Existing pavement shall be saw cut at all openings for conduit installation and utility work, and as directed by the City of Providence.

1.05 CITY OF PROVIDENCE SPECIAL REQUIREMENTS

Following is a list of special requirements that must be met for all signal projects in the City of Providence:

- 1.) All signal head shall be mounted to mast arms using Astro-Brac mounting as manufactured by Pelco Products, Inc.
- 2.) Safety chains are to be attached to each signal hanger and overhead mounted sign.
- 3.) All Pedestrian hardware shall be mounted to the backside of all mast arms. All Pedestrian Signal Heads are to be installed as **individual** heads when attached to mast poles or decorative poles. **(No double connecting pipes will be allowed.)**
- 4.) Pedestrian poles, mast arm poles and controller cabinets are to be set to the **inside** of the sidewalk whenever possible. Controller cabinet doors are to open **towards the sidewalk** unless otherwise stated and agreed upon by the City of Providence, Traffic Engineering Division (T.E.D.).
- 5.) No pole mounted controller cabinets are to be used unless agreed upon by T.E.D.
- 6.) No splices **at all** are to be made in the entire system. (All cables are to be run directly from control cabinet to signal heads.)
- 7.) Traffic signal cables are to be run in their **own** conduits. (Signal cables are not to be run in any other conduit along with decorative lighting cables or service cables, for example.)
- 8.) Service cables are to be run in their **own** conduits. (Service cables are not to be run with or in the same conduit as signal cables.)
- 9.) No existing conduits are to be used unless called for on the plans and approved by the City of Providence Division of Traffic Engineering
- 10.) All signals are to have at least one (1) spare conductor in each head. Pedestrian Buttons are to have at least one (1) spare for each button, and Pedestrian Heads are to have at least one (1) spare in each head.
- 11.) All loop detectors are to extend beyond stop bars.
- 12.) There is to be at least **six** (6) feet of slack, in each hand hole, per cable. (The six (6) feet is measured from the top of the hand hole and extending six feet out of the hand hole.) All conductors shall be neatly bundled together and wrapped with electrical tape in one foot increments.
- 13.) Pre-construction meeting(s) shall be held between the City of Providence and the Contractor.
- 14.) The contractor shall be responsible for setting up controller units.

b. Equipment

1. Asphalt Testing Equipment

Five (5) dual laser professional IR thermometers for the exclusive use of the RIDOT to be utilized for the field measurement of asphalt mix temperature. The thermometers will have the minimum properties:

- Temperature Range: to exceed 500 deg. F with minimum temp. of 32 degrees (or less)
- Measures F/C deg. Temperatures.
- Bright, built-in DUAL Laser provides easy aiming and target area identification
- Accuracy +/-2% of reading with 1/10 th degree resolution
- Measures MAX, MIN, DIP and AVO temperatures
- Back-light LCD display
- Auto Off
- Uses common type batteries (AA, AAA or 9V) with extended use (over 100 hours continuous). Batteries shall be included.
- Carry case included
- HI and LOW audible temperature alarms
- Must have certificate of traceable calibration or to be of a calibratable type.

2. Concrete Testing Equipment

- a. Two (2) Fresh Concrete Test Set Lite-Forney Model LAG-0060-01 or equivalent including Air Content Equipment in accordance with AASHTO T152, Slump Equipment in accordance to AASHTO T119, Unit Weight Scales and all other related equipment.
- b. Two (2) Concrete Thermometers -Gardo Model GT-300-R or equivalent having an operating range of 0 deg F to 220 deg F with a 6 inch stem and 3 inch dial face capable of being calibrated.

ITEM CODE T14.9901
1 WAY 3 SECTION MAST ARM MOUNTED OPTICALLY PROGRAMMED
SIGNAL HEAD, 12 INCH

DESCRIPTION

This item of work shall conform to the requirements for Item Code T14.3513 except that the signal indications shall be optically programmable in lieu of LED modules.

MATERIALS

The materials for this work shall conform to the relevant provisions of the "Rhode Island Standard Specifications for Road and Bridge Construction" and shall be in accordance with the City of Providence Technical Specifications with the following additions.

Vehicle traffic control signal heads shall conform to the following:

- A. Manual on Uniform Traffic Control Devices (MUTCD)
- B. Adjustable Face Vehicle Traffic Control Head Standard
Institute of Transportation Engineers (ITE)
- C. Standard Publication No. TS 1
National Electrical Manufacturer's Association (NEMA)

The signal head shall permit visibility zone of the indication to be determined optically and require no hoods or louvers. The projected indication may be selectively visible or veiled anywhere within 15 degrees of the optical axis. No indication shall result from external illumination nor shall one indication illuminate a second indication.

The optical limiter shall provide an accessible imaging surface at focus on the optical axis for objects 270 meters to 360 meters distance and permit an effective veiling mask to be variously applied as determined by the desired visibility zone as required by the Engineer. The optical limiter shall be provided with positive indexing means and heat resistant glass.

The objective lens shall be a high resolution annular incremental lens hermetically sealed within a flat laminate of weather resistant acrylic or approved equal. The lens shall be symmetrical in outline and may be rotated to any 90 degree orientation about the optical axis without displacing the primary image.

The optical system shall accommodate projection of any diverse, selected indicia to separate portions of the roadway such that only one indication will be simultaneously apparent to any viewer. The projected indication shall conform to the ITE transmittance and chromaticity

standards.

METHOD OF MEASUREMENT

Item Code T14.9901 1 Way 3 Section Mast Arm Mounted Optically Programmed Signal Head, 12 inch shall be measured by the unit "EACH" for each module installed and accepted by the Engineer and the City of Providence.

BASIS OF PAYMENT

Item Code T14.9901 1 Way 3 Section Mast Arm Mounted Optically Programmed Signal Head, 12 inch shall be paid for at the contract bid price "EACH", which price and payment shall constitute full compensation for furnishing all labor, materials, optically programmed signal indications, signal head, wiring, programming, testing, and other incidentals complete in place and accepted by the Engineer and the City of Providence.

S:\PROJECTS\1195FD\DESIGN\Contract 14\Addendum No. 2\T14.9901 oPTICAL SIGNAL HEAD.doc

ITEM CODE T14.9902

L.E.D. PEDESTRIAN SIGNAL COUNTDOWN TIMER AND MODULE 12 INCH

DESCRIPTION:

This item of work shall conform to the applicable sections of the Standard Specifications for Road and Bridge Construction and the City of Providence Technical Specifications as included in Item Code T12.9910 with the following additions.

MATERIALS:

The materials for this work shall conform to the relevant provisions of the "Rhode Island Standard Specifications for Road and Bridge Construction" and shall be in accordance with the City of Providence Technical Specifications with the following additions.

The upper signal head housing shall be used for the pedestrian crossing indication, which shall be 12" and consist of a double message overlay combining the international symbols of a hand and walking man. The lower section of the two section housings shall be equipped with a 12" countdown timer.

General

The L.E.D. Pedestrian Signal Module and the Countdown Timer shall operate from -40 to +165°F and shall be completely sealed against dust and moisture intrusion per the requirements of NEMA Standard 250-1991 Sections 4.7.2.1 and 4.7.3.2 for type 4 enclosures.

The measured chromaticity coordinates for the "lunar white" walking man and the "Portland orange" hand shall conform to the chromaticity requirements of Section 8.04 and figure 1 of the VTCSH standard.

The driver board shall drive the LED's at a DC current not exceeding 20 ma.

The LED's shall not show any changes in color over the input line voltage range of 80 VAC to 135 VAC.

The circuitry shall ensure compatibility and proper triggering and operation of load switches and conflict monitors in use by the traffic signals.

The L.E.D. modules shall be designed to reduce the intensity of light output by 30% in response to diminished ambient light level. The dimming circuit shall have a 30-second relay to prevent interference from headlights or shadows. The L.E.D. drive current shall be regulated just as effectively when in the "dimmed" state.

LED Countdown Signal Module

The L.E.D. Countdown Signal Module shall be Model TP12N-CD manufactured by Leotek Electronics Corporation or approved equal.

The L.E.D. Countdown Signal Module shall be made of two, dual row, 7 segment digits, 8" high, made up of 160 red LED's, and shall be compatible with all makes and models of traffic signal controllers. The module shall be equipped with a test switch to turn on all 7 segments of both digits for verification.

The L.E.D. Countdown Signal Module shall have a microprocessor capable of setting its own time when connected to the traffic signal controller. The microprocessor shall be monitored by a watchdog circuit with a flashing L.E.D. for confirmation of proper operation. The L.E.D. Countdown Signal Module shall continuously monitor the traffic signal controller for any changes to the pedestrian phase time and re-program itself automatically if needed.

The L.E.D. Countdown Signal Module shall have two "user selectable" operating modes:

1. "Fixed Time": The timer shall count down the entire duration of the pedestrian walk and clearance times.
2. "Coordinated": The timer shall count down the duration of the clearance time only.

The L.E.D. Countdown Signal Module **shall be initially set up under the "coordinated" mode.**

The L.E.D. Countdown Signal Module shall have an internal conflict monitor to prevent any possible conflicts between the hand/man symbols and the countdown signals.

The L.E.D. Countdown Signal Module shall automatically clear to "0" if a flashing hand becomes solid for more than 0.750 seconds.

In the case of a power failure, the L.E.D. Countdown Signal Module shall be dark during the initial cycle for automatic reprogramming.

CONSTRUCTION METHODS: Construction methods shall conform to Section T.14 of the Standard Specifications for Road and Bridge Construction.

METHOD OF MEASUREMENT: Item Code T14.9902 L.E.D. PEDESTRIAN SIGNAL COUNTDOWN TIMER AND MODULE 12 INCH" shall be measured by the unit "EACH" for each module installed and accepted by the Engineer and the City of Providence.

BASIS OF PAYMENT: Item Code T14.9902 L.E.D. PEDESTRIAN SIGNAL COUNTDOWN TIMER AND MODULE 12 INCH shall be paid for at the contract bid price "EACH", which price and payment shall constitute full compensation for furnishing all labor, materials, wiring, programming, testing, and other incidentals complete in place and accepted by the Engineer and the City of Providence.

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SECTION 12.107.99
SUPPLEMENTAL INDEMNIFICATION REQUIREMENTS

DESCRIPTION:

In addition to the Contractor's indemnification and insurance obligations to the Department and the State, it shall be responsible to defend, indemnify and hold harmless the I-195 Redevelopment District Commission, their officers, members, and employees to the same degree and under the same terms of Section 12.107.13. The Contractor's Liability and Property Damage Insurance shall name the Department, the State, and the I-195 Redevelopment District Commission as additional insureds consistent with the terms in 12.107.13(b)(2).

METHOD OF MEASUREMENT AND BASIS OF PAYMENT:

This item shall not be measured for payment. All costs to comply with the above stated requirements shall be considered incidental to the contract. No separate payment will be made.

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SPECIAL NOTICE

PROPOSAL

Project Name - I-195 Relocation - Contract 14(West side city streets)

Estimate Name - C14 Addendum No. 2

R.I. Contract No. - 2013-CH-004

FAP Nos - 405-421-633, 405-
421-634, BRO-1954(075)

All items in the Proposal must have a unit bid price in words and figures. All unit bid prices must be extended. Bids will not be accepted if they contain no unit price for an item or if they contain zero in words and figures as the unit price bid.

The minimum acceptable bid price for:

Code 212.2000, CLEANING AND MAINTENANCE OF EROSION CONTROLS is Ten Thousand Dollars And No Cents (\$10,000.00) per LS

Code 907.0100, WATER FOR DUST CONTROL is Fourteen Dollars And Fifty Cents (\$14.50) per MGAL

Code 907.0200, CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE) is Three Hundred Dollars And No Cents (\$300.00) per TON

Code 914.5010, FLAGPERSONS is Forty One Dollars And Ten Cents (\$41.10) per MHRS

Code 914.5020, FLAGPERSONS - OVERTIME is Fifty One Dollars And Thirty Eight Cents (\$51.38) per MHRS

Code 937.0200, MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION is Seventy Five Thousand Dollars And No Cents (\$75,000.00) per LS

Code 943.0200, TRAINEE MAN-HOURS is Six Dollars And No Cents (\$6.00) per MHRS

The only acceptable bid price for:

Code 201.9915, REMOVE AND DISPOSE HAZARDOUS/CONTAMINATED ELECTRICAL FACILITIES is One Dollar And No Cents (\$1.00) per EACH

Code 201.9941, DISPOSAL OF SOLID WASTE is Seventy Five Dollars And No Cents (\$75.00) per TON

Code 202.9987, DISPOSAL OF CONTAMINATED SOIL, TYPE 1 is Fifteen Dollars And No Cents (\$15.00) per TON

Code 202.9989, DISPOSAL OF CONTAMINATED SOIL, TYPE 2 is Twenty Five Dollars And No Cents (\$25.00) per TON

Code 202.9990, LOAD , HAUL AND DISPOSE CONTAMINATED SOIL, TYPE 3 is One Dollar And No Cents (\$1.00) per EACH

Items preceded with the letter "S" in the proposal are Specialty Items.

Revised: 2/19/2002

Total or gross sum of bid for Rhode Island Contract Number: 2013-CH-004

Federal-Aid Project Number(s): 405-421-633, 405-421-634, BRO-1954(075)

WRITTEN IN WORDS:

The undersigned bidder declares that this Proposal is made without connection with any other person or persons making proposals for the same work, and is in all respects fair and without collusion or fraud. The undersigned bidder submits herewith, a proposal guarantee in the form of a bid bond in favor of the State of Rhode Island in the amount of 5% of the total or gross sum of the bid and agrees and consents that the proposal guarantee shall be forfeited to the State as liquidated damages if the required contract agreement and contract bond are not executed within ten(10) days of the notice of award. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by The Federal Register). The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island, Office of Purchases. The undersigned bidder further agrees, if awarded the contract on this proposal, to begin work within ten (10) calendar days after the date of execution of the contract unless otherwise specified under special provisions or permitted by the Engineer, and further agrees to complete the work on or before the dates outlined in the Contract Documents.

COMPLETION DATE(S)

DESCRIPTION	DATE
Advertise Date	November 16, 2012
Pre-Bid Date	November 27, 2012
Bid-Opening Date	December 7, 2012
Substantial Completion Date	October 30, 2014

THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING:

ADDENDA	DATE POSTED	DOCUMENT(S)	PAGE
NO.1	November 27, 2012	1. Status Certification for: Debarment, Eligibility, Indictments, Convictions or Civil Judgements	1
NO.2	November 29, 2012	2. Anti-Collusion Certificate	2
		4. DBE Affirmative Action Certification	3 - 9
		3. Disclosure of Lobbying Activities	

Total or gross sum of bid for Rhode Island Contract Number: 2013-CH-004

Federal-Aid Project Number(s): 405-421-633, 405-421-634, BRO-1954(075)

Whoever, being an officer, agent, or employee of the United States, or of any State, or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the costs thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction of any highway or related project submitted for approval to the Secretary of Transportation; or Whoever, knowingly makes any false statement, false representation, false report, or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or Whoever, knowingly makes any false statement or false representation as to a material fact in any statement, certificate, or report submitted pursuant to the provisions of the Federal-aid Road Act approved July 11, 1916 (39 Stat. 355), as amended and supplemented, Shall be fined not more than \$10,000 or imprisoned not more than five years, or both. By signing here the signee agrees that the disk submitted is the same as the paper submitted and that any discrepancies may result in disqualification of the bid.

BEING EITHER A (INDIVIDUAL, PARTNERSHIP,
(OR CORPORATION INCORPORATED)
(UNDER THE LAWS OF ANY STATE)
(IN THE UNITED STATES OF AMERICA)

Contractor

COMPOSED OF OFFICERS, PARTNERS
OR OWNER, AS FOLLOWS.

President

Vice-President

Secretary

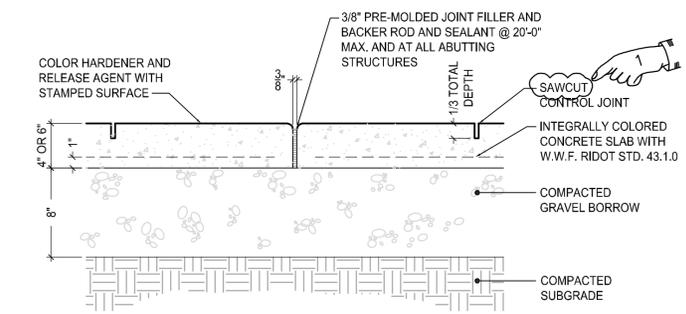
Treasurer

Address

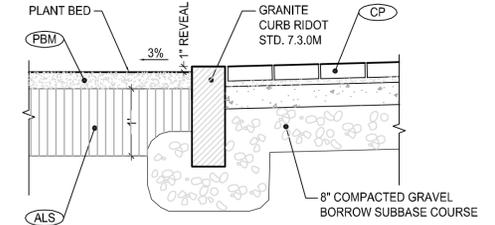
CERTIFICATION SUMMARY: I hereby certify that I have read all of the above requirements and understand that it affects the acceptability of my bid(s).

Name of Signatore - Title

Date

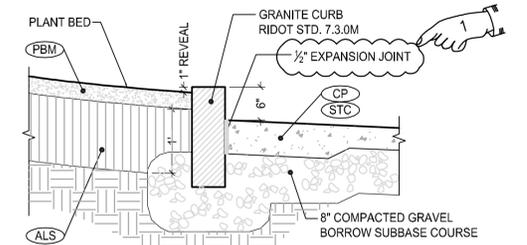


STC 4" or 6" **INTEGRALLY COLORED PORTLAND CEMENT CONCRETE (4" OR 6" DEEP) STAMPED FINISH**
SCALE: 1-1/2"=1'

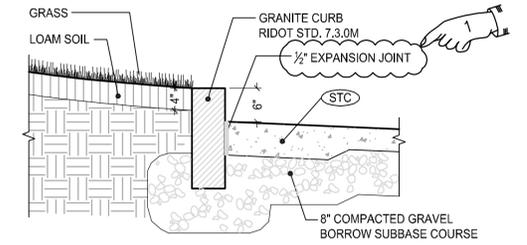


PCC2 **GRANITE PLANTER CURB SET FLUSH - CURVED (PROVIDENCE STD. 7" WIDE)**
SCALE: 3/4"=1'

PCS2 **GRANITE PLANTER CURB SET FLUSH - STRAIGHT (PROVIDENCE STD. 7" WIDE)**
SCALE: 3/4"=1'



PCS2 **PLANTER CURB AT PLANT BED**

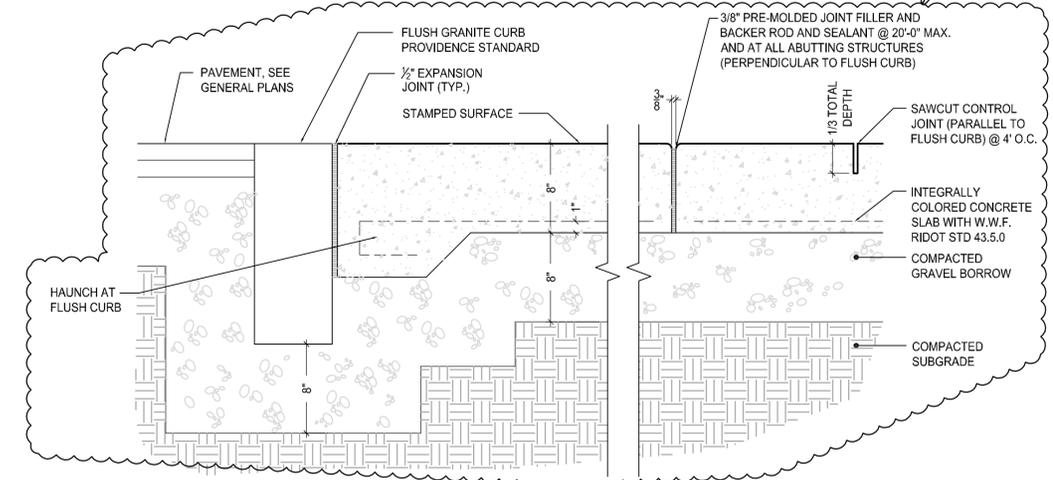


PCS1 **PLANTER CURB AT GRASS**

NOTE FOR ALL PLANTER CURB:
BUTT JOINTS - SAWCUT BEVEL FOR FULL CONTACT AT CORNERS. SAWCUT ENDING PIECES FOR TIGHT FIT.

PCC1 **RAISED GRANITE PLANTER CURB - CURVED (PROVIDENCE STD. 7" WIDE)**
SCALE: 3/4"=1'

PCS1 **RAISED GRANITE PLANTER CURB - STRAIGHT (PROVIDENCE STD. 7" WIDE)**
SCALE: 3/4"=1'



STC 8" **INTEGRALLY COLORED PORTLAND CEMENT CONCRETE (8" DEEP) STAMPED FINISH**
SCALE: 1-1/2"=1'

ADDENDUM NO. 2



RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

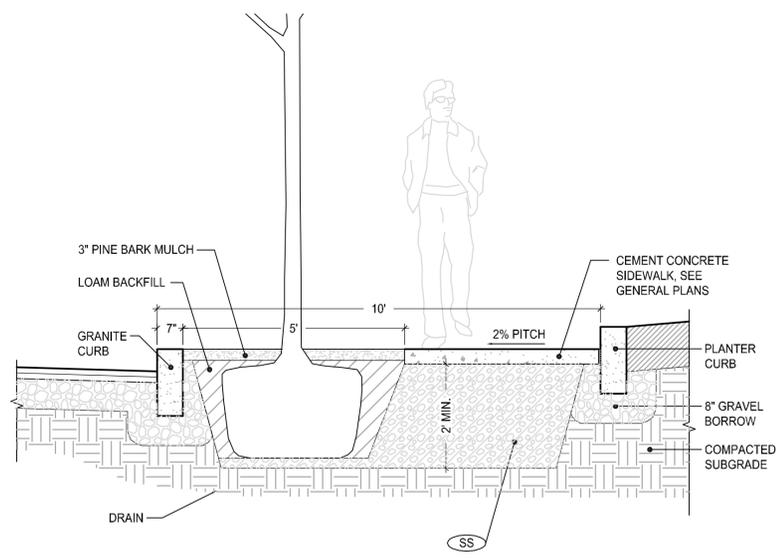


DESIGNED BY: JOK/CC
CHECKED: KRC
DATE: OCTOBER 2012
SHEET: V1_044
OF: V1_260

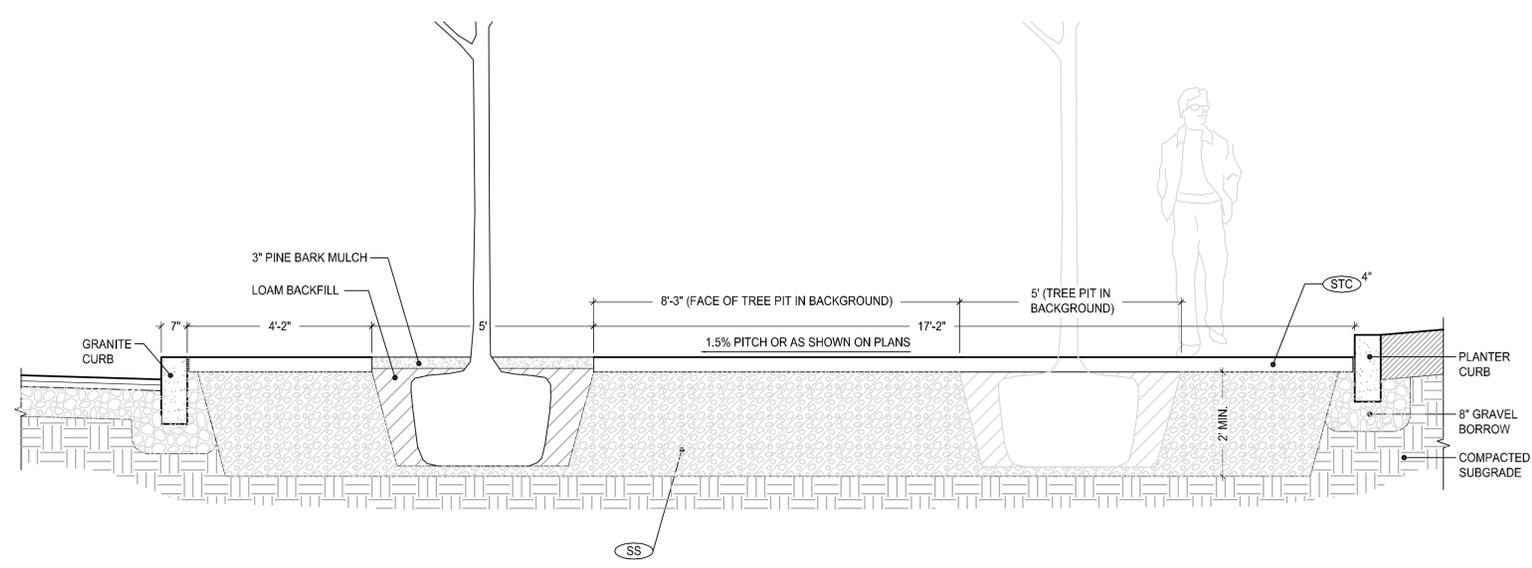
SCALE:

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	11/29/12	CC			

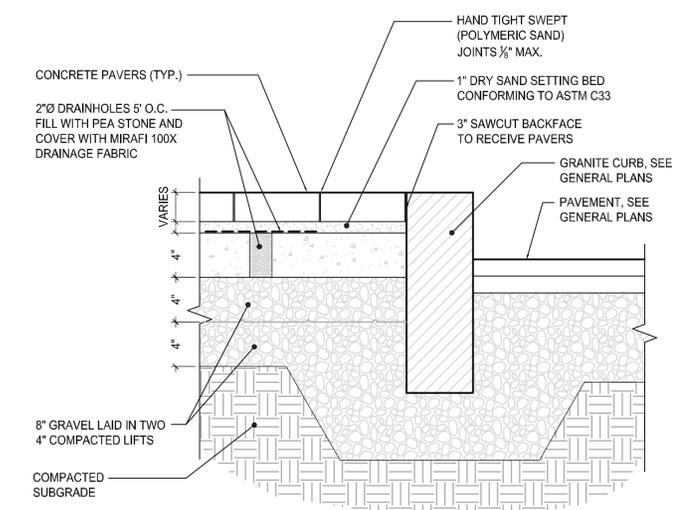
IMPROVEMENTS TO
INTERSTATE ROUTE 195
CONTRACT 14 VOLUME 1
PROVIDENCE RHODE ISLAND
SITE IMPROVEMENTS DETAIL NO. 6



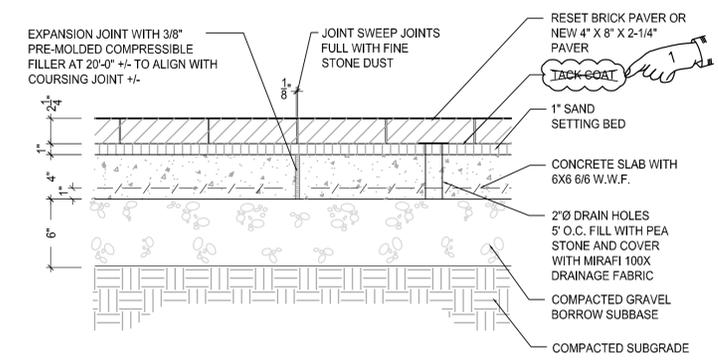
SS SECTION A - DORRANCE STREET
SCALE: 1/2"=1'



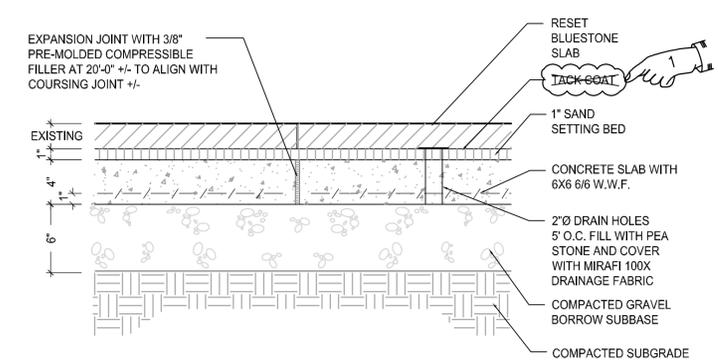
SS SECTION B - DYER STREET
SCALE: 1/2"=1'



CP CONCRETE PAVER ON RIGID BASE
SCALE: 1-1/2"=1'

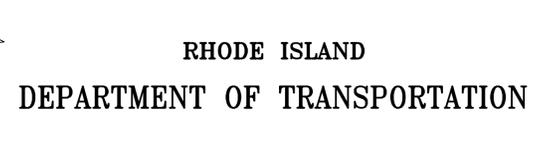


RBP RESET BRICK PAVERS ON RIGID BASE
SCALE: 1-1/2"=1'



RBS RESET BLUESTONE SLAB ON RIGID BASE
SCALE: 1-1/2"=1'

ADDENDUM NO. 2

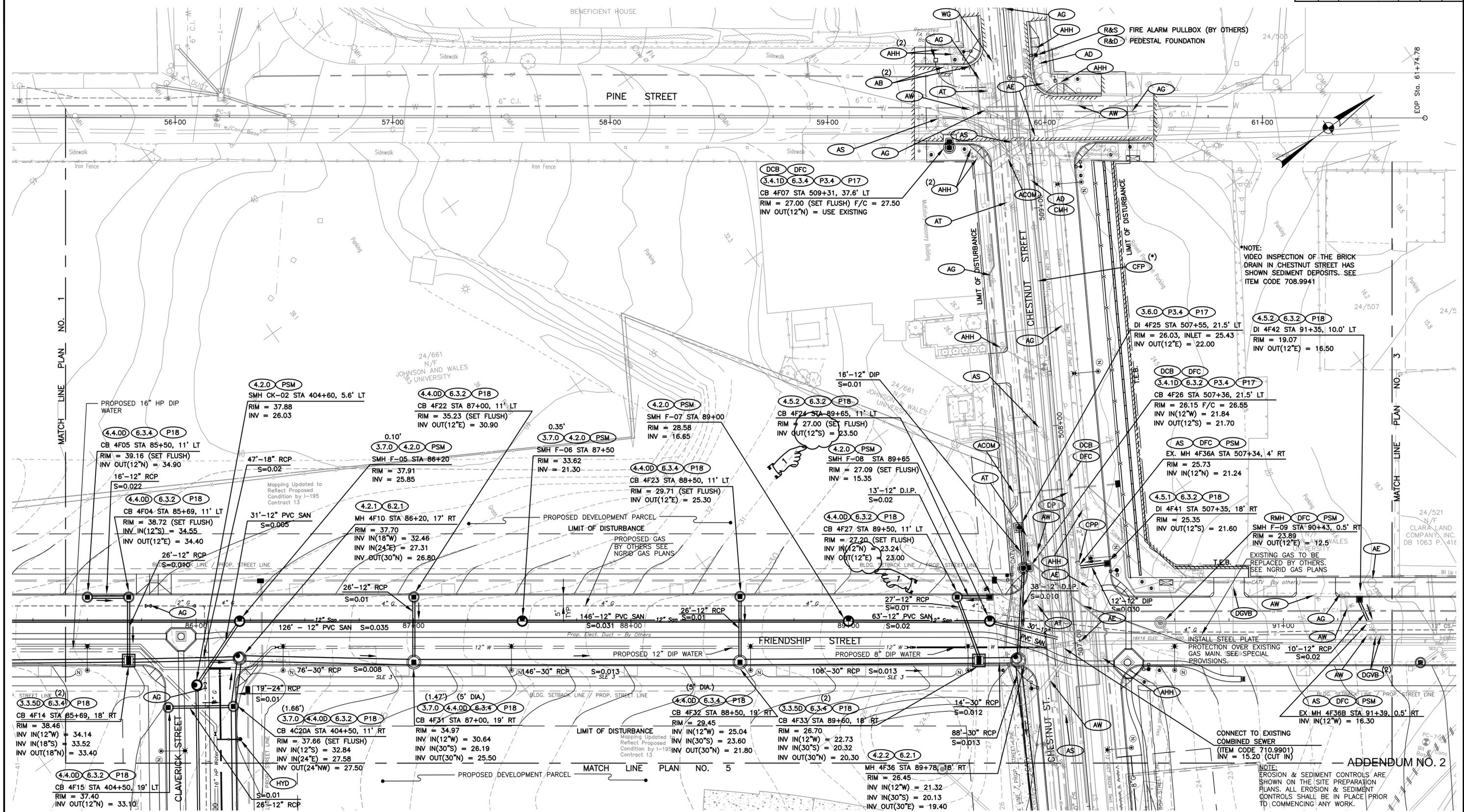


DESIGNED BY: JOK/CC
CHECKED: KRC
DATE: OCTOBER 2012
SHEET: V1_046
OF: V1_260

SCALE:

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	11/29/12	CC			

IMPROVEMENTS TO INTERSTATE ROUTE 195
CONTRACT 14 VOLUME 1
PROVIDENCE RHODE ISLAND
SITE IMPROVEMENTS DETAIL NO. 8

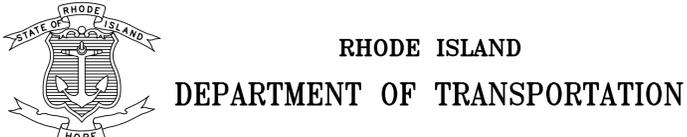


MATCH LINE PLAN NO. 1

MATCH LINE PLAN NO. 3

MATCH LINE PLAN NO. 5

ADDENDUM NO. 2



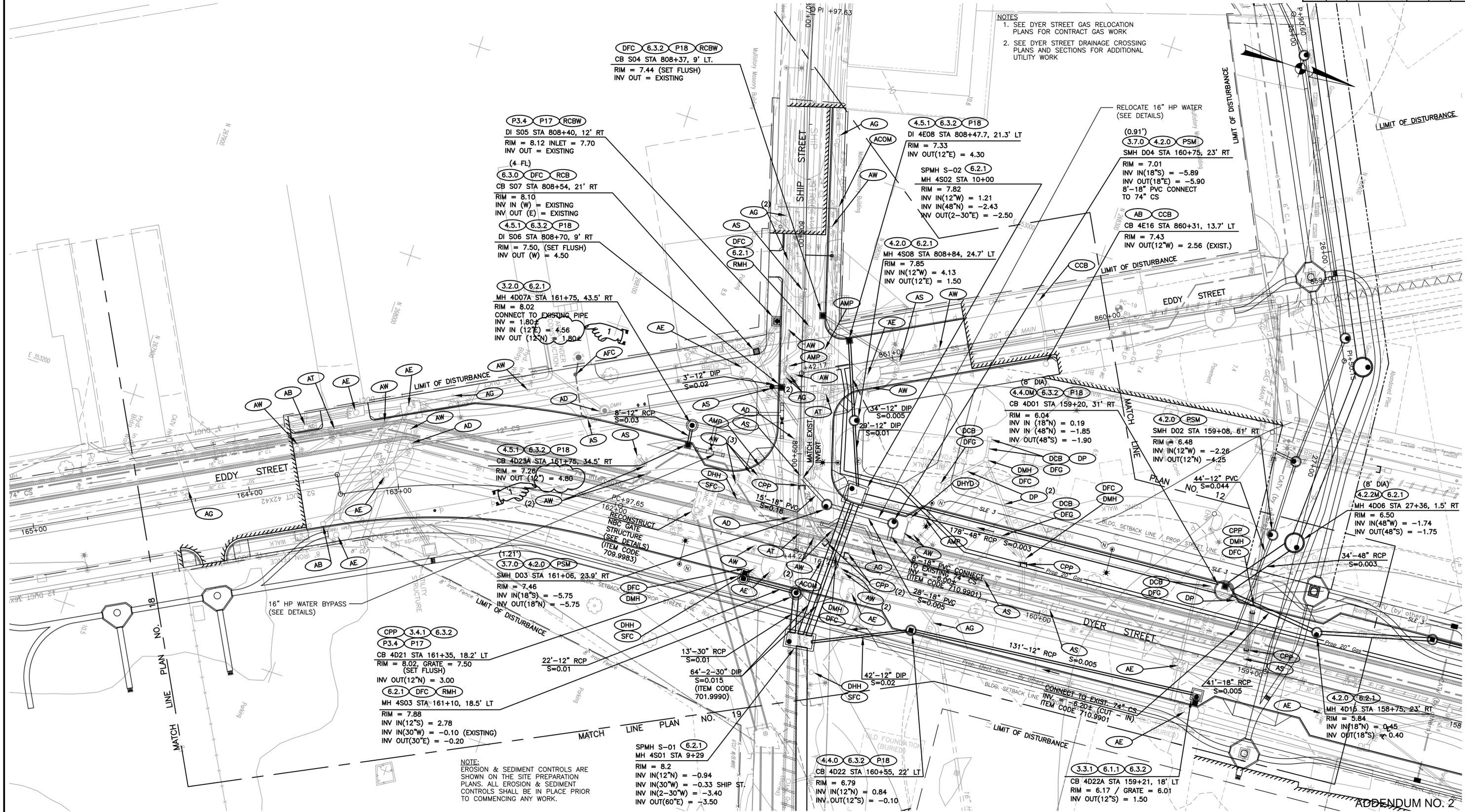
DESIGNED BY:
 CHECKED:
 DATE:
 SHEET: V1_049
 OF: V1_260

SCALE: 1"=20'

NO.	DATE	BY	NO.	DATE	BY
1	11/29/12	JC III			

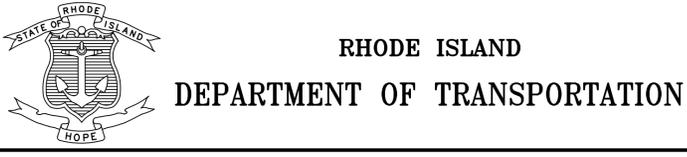
PROVIDENCE
IMPROVEMENTS TO INTERSTATE ROUTE 195
 CONTRACT 14 VOLUME 1
DRAINAGE & UTILITY PLAN NO. 2
 RHODE ISLAND

NOTES
 1. SEE DYER STREET GAS RELOCATION PLANS FOR CONTRACT GAS WORK
 2. SEE DYER STREET DRAINAGE CROSSING PLANS AND SECTIONS FOR ADDITIONAL UTILITY WORK



NOTE:
 EROSION & SEDIMENT CONTROLS ARE SHOWN ON THE SITE PREPARATION PLANS. ALL EROSION & SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO COMMENCING ANY WORK.

APPENDUM NO. 2

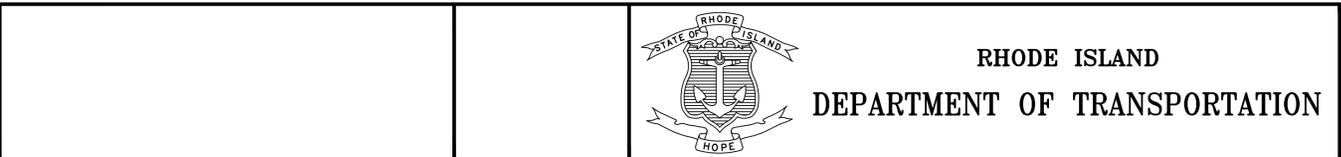
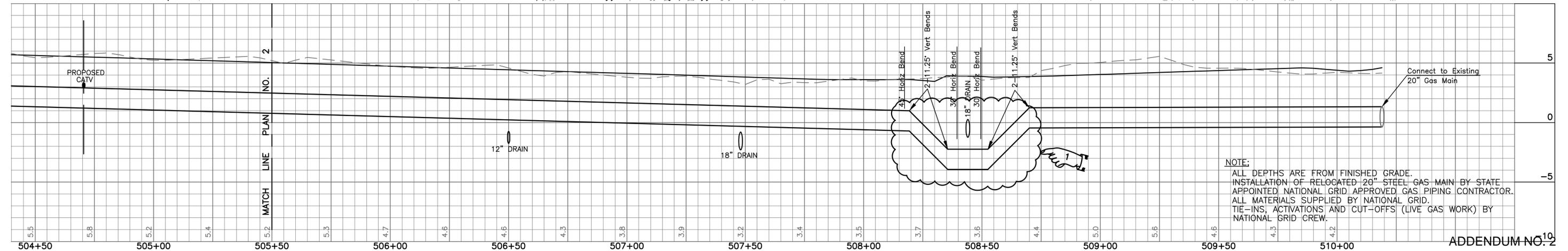
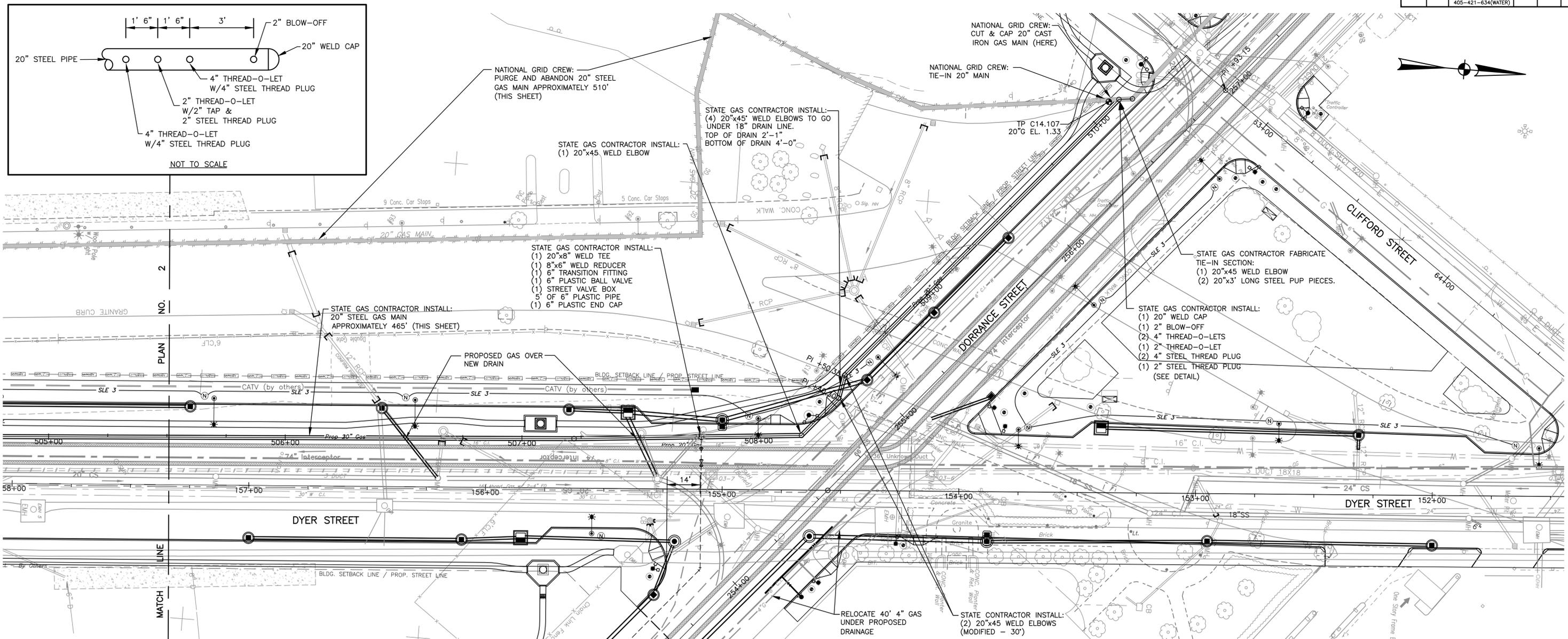
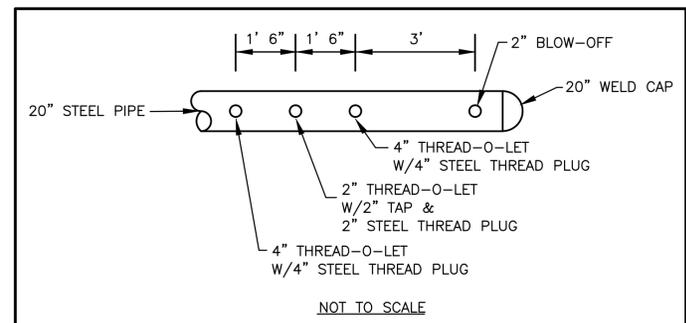


DESIGNED BY:
 CHECKED:
 DATE:
 SHEET: V1_060
 OF: V1_260

SCALE: 1"=20'

0		10'		20'		40'	
REVISIONS			REVISIONS				
NO.	DATE	BY	NO.	DATE	BY		
1	11/29/12	JC III					

PROVIDENCE
 IMPROVEMENTS TO INTERSTATE ROUTE 195
 CONTRACT 14 VOLUME 1
 DRAINAGE & UTILITY PLAN NO. 13
 RHODE ISLAND



DESIGNED BY:
 CHECKED:
 DATE:
 SHEET: V1_088
 OF: V1_260

SCALE: 1"=20'
 0 10' 20' 40'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	11/29/12	JC III			

PROVIDENCE
IMPROVEMENTS TO INTERSTATE ROUTE 195
 CONTRACT 14 VOLUME 1
GAS RELOCATION PLAN NO. 3
 DYER STREET
 RHODE ISLAND

GENERAL NOTES

1. WORK FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, AND THE RHODE ISLAND STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.
2. THE CONTRACTOR SHALL STORE ALL EQUIPMENT AND STOCKPILED MATERIAL A MINIMUM DISTANCE OF 30 FEET FROM THE OUTSIDE EDGE OF THE TRAVEL LANE SO AS NOT TO CREATE A SAFETY HAZARD. STORAGE AREAS REQUIRE APPROVAL BY THE ENGINEER.
3. ANY DAMAGE TO EXISTING STATE PROPERTY CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
4. ALL DISTURBED AREAS INCLUDING THE CONTRACTOR'S STOCKPILE AREAS WITHIN THE ROW SHALL BE RESTORED WITH PLANTABLE SOIL AND SEED. THE LIMITS OF SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND PLACING, AT HIS OWN EXPENSE, PLANTABLE SOIL AND SEED IN AND RESTORING AREAS WHICH ARE OUTSIDE OF THE CONTRACT 14 AREAS OF DISTURBANCE AND WHICH ARE IMPACTED BY CONSTRUCTION OPERATIONS INCLUDING THOSE AREAS WHERE VEHICLES, EQUIPMENT AND MATERIALS ARE STORED WITH THE PERMISSION OF THE ENGINEER.
5. ERECTION OF NEW SIGNS SHALL BE SEQUENCED WITH THE LOCATION OF EXISTING SIGNS THAT REMAIN IN SERVICE DURING CONSTRUCTION. THE VISIBILITY OF EXISTING SIGNS SHALL NOT BE COMPROMISED.

6. SIGN MOUNTINGS:

- a. DIRECTIONAL, REGULATORY AND WARNING SIGNS SHALL BE MOUNTED IN ACCORDANCE WITH RI STD. 24.1.0 OR 24.2.0 UNLESS SHOWN OTHERWISE.
- b. CONSTRUCTION SIGNS SHALL BE MOUNTED IN ACCORDANCE WITH STD. 24.3.0.
- c. GUIDE SIGNS SHALL BE MOUNTED IN ACCORDANCE WITH STD. 24.1.0 OR 24.2.0 UNLESS SHOWN OTHERWISE.
- d. PARKING SIGNS SHALL BE MOUNTED PER STD. 24.6.0 UNLESS SHOWN OTHERWISE.
- e. WHEN SHOWN, SIGNS MAY BE MOUNTED TO STREET LIGHT POLES OR TRAFFIC SIGNAL POLES UTILIZING A MINIMUM OF TWO (2) 3/4"x0.20 STAINLESS STEEL STRAPS. ALL COSTS ASSOCIATED WITH MOUNTINGS SHALL BE INCLUDED WITH THE COST OF THE SIGN.



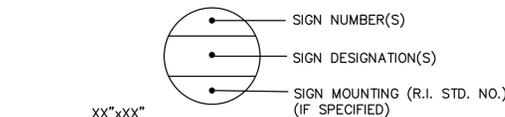
SIGN MOUNTED ON STREET LIGHT OR TRAFFIC SIGNAL POLE DETAIL
NOT TO SCALE

SIGNING & PAVEMENT MARKINGS LEGEND

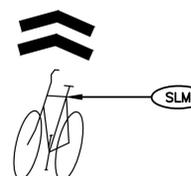
- (BDM) BICYCLE DETECTOR PAVEMENT MARKING
- (BS) BICYCLE SYMBOL AND ARROW PAVEMENT MARKING
- (BSA) BIKE SYMBOL WITH ARROW
- (CW) 24-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS CROSS WALKS-SEE DETAILS
- (IA) IMPACT ATTENUATOR
- (RPM) REMOVE EXISTING PAVEMENT MARKINGS
- (SABM) SHOCK ABSORBING BARRIER MODULES
- (SHM) PAVEMENT MARKINGS FOR SPEED TABLES OR SPEED HUMPS WITH CROSSWALKS
- (SLM) SHARED LANE MARKING
- (4DY) 4-INCH, DOUBLE YELLOW, EPOXY RESIN PAVEMENT MARKINGS
- (4Y) 4-INCH, YELLOW, EPOXY RESIN PAVEMENT MARKINGS
- (6W) 6-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS
- (6WD) 6-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS (DOTTED)
- (6WPS) 6-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS (PARKING SPACE LINES)
- (6WS) 6-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS (SKIP STRIPES)
- (6Y) 6-INCH, YELLOW, EPOXY RESIN PAVEMENT MARKINGS (DOTTED)
- (6YD) 8-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS
- (8W) 8-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS
- (12W) 12-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS
- (24W) 2 (TWO) 12-INCH, WHITE, EPOXY RESIN PAVEMENT MARKINGS
- (20.1.0) PAVEMENT MARKINGS ARROW AND ONLY
- (20.2.0) BI-DIRECTIONAL CONTROL DEVICE
- (20.3.0) YIELD LINE
- (24.1.0) SIGN POST SELECTION AND INSTALLATION DETAILS, SQUARE POST (SIGNS UP TO 8'-0" Wx4'-0"H)
- (24.2.0) SIGN POST SELECTION AND INSTALLATION DETAILS, U-CHANNEL POST (SIGNS UP TO 8'-0" Wx4'-0"H)
- (24.3.0) CONSTRUCTION AND TEMPORARY SIGN MOUNTINGS (SIGNS UP TO 60 SQ. FT.)
- (24.4.0) CANTILEVER BREAKAWAY SIGN SUPPORT FOR 4'-0" TO 5'-0" SIDEWALKS
- (24.6.0) PARKING SIGN MOUNTING DETAIL
- (24.6.1) STREET SIGN MOUNTING DETAIL
- (24.6.2) MILE MARKER MOUNTING DETAIL
- (25.1.0) TEMPORARY CONSTRUCTION SIGN COVER DETAIL
- (26.2.0P) DRUM BARRICADE - LEFT IN PLACE
- (26.3.0P) PVC PLASTIC PIPE TYPE III BARRICADE - LEFT IN PLACE
- (40.5.0P) PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL - LEFT IN PLACE

STREET SIGN LEGEND

- SS-1 - CLAVERICK ST.
- SS-2 - FRIENDSHIP ST.
- SS-3 - HOSPITAL ST.
- SS-4 - CHESTNUT ST.
- SS-5 - PARSONAGE ST.
- SS-6 - POINT ST.
- SS-7 - EDDY ST.
- SS-8 - CLIFFORD ST.
- SS-9 - DORRANCE ST.
- SS-10 - DYER ST.
- SS-12 - ORANGE ST.
- SS-15 - BASSETT ST.
- SS-16 - HOPPIN ST.
- SS-17 - SHIP ST.
- SS-18 - RICHMOND ST.
- SS-19 - SOUTH ST.
- SS-20 - ELM ST.



TYPICAL SIGN DESIGNATION



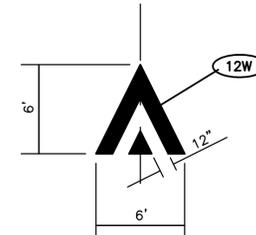
SLM DETAIL

SHARED LANE MARKING

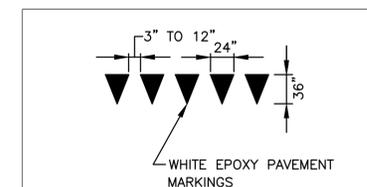


BSA DETAIL

BICYCLE SYMBOL WITH ARROW



SHM DETAIL

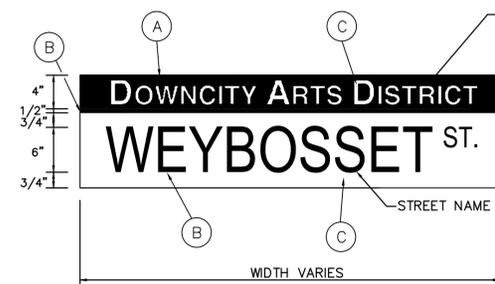


NOTES:

- 1.) YIELD LINE PATTERN DETAIL SHALL EXTEND ACROSS ENTIRE TRAVEL LANE AT THE LOCATIONS INDICATED ON THE PLANS.
- 2.) YIELD LINES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.

YIELD LINE DETAIL

(ITEM CODE T20.9901)



SUBDISTRICT NAME (SEE NOTE 3)

COLOR SCHEME

(A) SEE SPECIAL PROVISION

(B) = PMS BLACK

(C) = 3M SCOTCHLITE DIAMOND GRADE REFLECTIVE SHEETING, #980-10, WHITE

FONTS

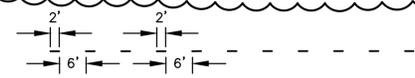
DISTRICT NAME= CG TRIUMVIRATE BOLD (75%)
STREET NAME= ARIAL NARROW

NOTES:

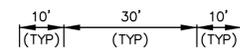
1. STREET NAME SIGNS TO BE INSTALLED AT LOCATIONS SHOWN ON THE PLANS.
2. SEE PLANS FOR STREET NAME LEGENDS.
3. SUBDISTRICT SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. SEE SPECIAL PROVISIONS FOR SUBDISTRICT NAMES.
4. STREET NAME SIGNS SHALL BE SUPPORTED BY A BRACKET ON THE BOTTOM OF THE SIGN WITH A MINIMUM LENGTH OF 3/4 OF THE LENGTH OF THE SIGN PANEL.

STREET NAME SIGN DETAIL

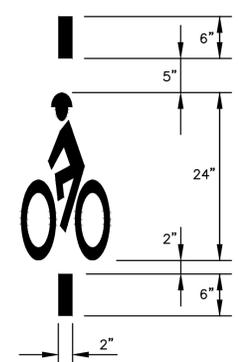
NOT TO SCALE



DOTTED PAVEMENT MARKINGS

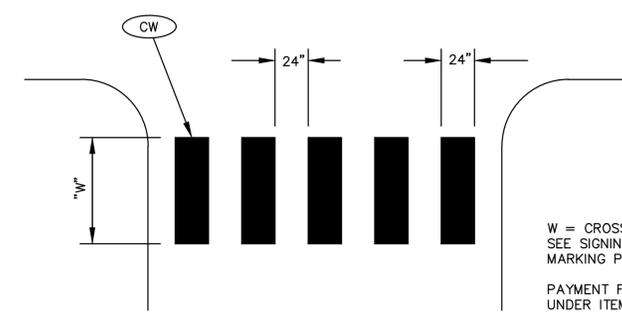


SKIP STRIPING



BDM DETAIL

BICYCLE DETECTOR PAVEMENT MARKING



CROSSWALK DETAIL
24" LONGITUDINAL LINES

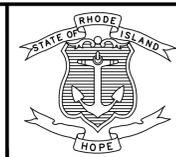
NOT TO SCALE

W = CROSSWALK WIDTH. SEE SIGNING AND PAVEMENT MARKING PLANS.

PAYMENT FOR 24W SHALL BE MADE UNDER ITEM CODE T20.2112

(CW) SHALL BE MADE BY MAKING 2 PASSES OF 12" EPOXY RESIN PAVEMENT MARKINGS.

ADDENDUM NO. 2



RHODE ISLAND DEPARTMENT OF TRANSPORTATION



DESIGNED BY:
CHECKED:
DATE:
SHEET: V1_151
OF: V1_260

SCALE: NOT TO SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	11/20/12	JC III			

PROVIDENCE

IMPROVEMENTS TO INTERSTATE ROUTE 195 CONTRACT 14 VOLUME 1

RHODE ISLAND

SIGNING & PAVEMENT MARKING NOTES, & DETAILS