



CITY OF EAST PROVIDENCE
POTTER STREET AND BURGESS STREET PARKING LOTS
ADDENDUM # 2
RFP EP22/23-29

BID OPENING FRIDAY SEPTEMBER 8, 2023 AT 11:00AM

LIST OF CONTRACT BOOK CHANGES:

SPECIFICATIONS -

- Modified Table of Contents – Replace pages T.O.C.-1 and T.O.C.-2 in their entirety.
 - Added Section 01020 and Section 02615 to T.O.C., revised Section 01025 page number.
- Modified Section 00200 – Information for Bidders – Replace pages 00200-7 to 00200-9 in their entirety.
 - Revised the MBE/WBE goal from 20% to 10%.
- Modified Section 00300 – Bid Form – Replace pages 00300-3 to 00300-7 in their entirety.
 - Revised quantities and items.
- Added Section 01020 – Allowances.
- Modified Section 01025 – Measurement and Payment – Replace pages 01025-13 to 01025-22 in their entirety.
 - Revised measurement and payment and added items.
- Added Section 02615 – Pavement Markings, Thermoplastic & Epoxy Resin.
- Appendix B Davis-Bacon Prevailing Wages – Prevailing wage schedule revised 08/25/2023, supersedes previous version. – Replace Appendix B in its entirety.

LIST OF CONSTRUCTION PLAN CHANGES:

- Volume 1 Potter Street at Warren Avenue
 - Modified Sheet 6 of 12 – Construction Details 1 – Replace sheet in its entirety.
 - Removed RI Std. 7.5.0 detail for Bituminous Concrete Lip Curb and replaced with modified RI Std. 7.5.1M detail for Bituminous Berm.

- Modified Sheet 9 of 12 – Construction Plan – Replace sheet in its entirety.
 - Revised callout for 7.5.0 to 7.5.1A for Bituminous Berm, revised overflow curb reveal height from 3” to 2”.
- Modified Sheet 10 of 12 – Grading Plan – Replace sheet in its entirety.
 - Revised grading.
- Volume 2 Burgess Street at Warren Avenue
 - Modified Sheet 7 of 11 – Construction Details 2 – Replace sheet in its entirety.
 - Revised detail for Bituminous Berm with modified RI Std. 7.5.1M detail.
 - Modified Sheet 8 of 11 – Site Preparation Plan – Replace sheet in its entirety.
 - Added remove and dispose sidewalk callout.
 - Modified Sheet 9 of 11 – Construction Plan – Replace sheet in its entirety.
 - Added detectable warning system callout 48.1.0, revised RIM elevation for CB RI Std 4.4.0.
 - Modified Sheet 10 of 11 – Grading Plan – Replace sheet in its entirety.
 - Revised grading, replace entire sheet.

LIST OF CONTRACTOR QUESTIONS

- How will the city reimburse for police details?
Response: Item 999.9902 has been added to the bid as an allowance for police details.
- What are the bonding requirements for the project?
Response: The Contractor shall furnish a Bid Bond in the amount of Five Percent (5%) and a Surety Bond/Performance Bond in an amount equal to at least One Hundred Percent (100%) of the contract price. In addition, as part of the RIDOT Physical Alteration Permit Application (PAPA), the Contractor is required to list RIDOT as an additional obligee on any performance bond related to this project. A copy of all documents including RIDOT as the additional obligee shall be submitted to the City by the awarded Contractor. Refer to Section 00200.
- Volume 1 Potter Street at Warren Avenue Parking Lot Plan set is missing Sheet 12 – Electrical Site Plan.
Response: Sheet 12 – Electrical Site Plan was provided in Addendum 1.
- Are the pavement markings specified to be epoxy or paint?
Response: The pavement markings shall be epoxy resin per the callout on the Job Specific Symbols sheets. Section 02615 Pavement Markings has been added to the specifications.

- Some items such as drainage pipe and fence items have all types and sizes in the description, do you anticipate changes to the sizes? Unit costs are largely dependent on sizes.

Response: All items of work requiring sizes such as drain pipe and fencing are identified on the plans and/or details with the required sizes.

- Will the layout/control CAD files be provided to the selected Contractor?

Response: The survey file and CAD will be provided to the awarded Contractor.

- Are excavation quantities intended to be paid lump sum or measured for payment?

Response: Excavation quantities will be paid for at the unit price per cubic yard. Refer to Section 01025 Measurement and Payment.

- How is bituminous berm 7.5.1 paid for? Bituminous curb has a separate item but not berm.

Response: Bituminous Berm Std 7.5.1 will be paid for under Item 906.9902. Item 906.0600 for Bituminous Curb has been removed and replaced with 906.9902.

- How will bit berm and bit curb be constructed? Typically, porous asphalt is one 4" lift.

Response: The detail for Std. 7.5.1 has been modified to clarify the berm construction. Berm shall be placed at the same time as the 4" porous asphalt layer, as detailed in Detail 7.5.1M. The Std. 7.5.0 for Bit. Concrete Lip Curb has been removed.

- The contract has an MBE/WBE goal of 20%, is this required?

Response: The contract has been revised to a 10% MBE/WBE goal.

- The spec calls for 7.5.1 for the berm which is the standard of regular asphalt paving. This isn't typical to the porous paving process as it's done in one 4" lift. How would you expect this to be performed?

Response: The detail for Std. 7.5.1 has been modified to clarify the berm construction. Berm shall be placed at the same time as the 4" porous asphalt layer, as detailed in Detail 7.5.1M. The Std. 7.5.0 for Bit. Concrete Lip Curb has been removed.

PRE-BID CONFERENCE:

- The sign in sheet from the 8/21/2023 pre-bid conference has been included.

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Appendix A

Test Pit Logs

Appendix B

Davis-Bacon Prevailing Wages

Appendix C

RIDOT Physical Alteration Permit Application (PAPA) – Acceptance Letters

Appendix D

RIDOT Application for Utility Permit

Appendix E

Soil Erosion and Sediment Control Plans (SESCP)



MBE/WBE PARTICIPATION AFFIDAVIT

Item Description (as seen on RFP): _____

Prime Bidder: _____

Prime Bidder (Company) Phone Number: _____

Prime Bidder (Company) Zip Code: _____

Which one of the following describes your business' status in terms of Minority and/or Woman-Owned Business Enterprise certification with the State of Rhode Island? _____ MBE _____ WBE _____ Neither MBE nor WBE

By initialing the following sections and signing the bottom of this document in my capacity as the contractor or an authorized representative of contractor, I make this Affidavit:

It is the policy of the City of East Providence that minority business enterprises (**MBEs**) and women business enterprises (**WBEs**) should have the maximum opportunity to participate in procurements and projects as prime contractors and vendors. Pursuant to Sec. 21-52 of the Providence Code of Ordinances and Chapter 31-14 et seq. of the Rhode Island General Laws (as amended), MBE and WBE participation goals apply to contracts.

The goal for Minority Business Enterprise (MBE) participation is 5% of the total bid value.

The goal for Women's Business Enterprise (WBE) participation is 5% of the total bid value.

The goal for combined MBE/WBE participation is 10% of the total bid value.

I acknowledge the City of East Providence's goals of supporting MBE/WBE certified businesses. Initial _____

Are you subcontracting with other parties on this project: Yes _____ No _____ if yes fill out page 2, **Subcontractor Disclosure Form**.

Are you using any subcontractors on this job and not meeting the 10% MBE/WBE participation goal: Yes _____ No _____ if yes fill out page 3, **MBE/WBE Waiver Request Form**.

If awarded the contract, I understand that my company must submit to the Minority and Women's Business Coordinator at the City of East Providence (MBE/WBE Office), copies of all executed agreements with the subcontractor(s) being utilized to achieve the participation goals and other requirements of the RI General Laws. **I understand that these documents must be submitted prior to the issuance of a notice to proceed.** Initial _____

I understand that, if awarded the contract, my firm must submit to the MBE/WBE Office canceled checks and reports required by the MBE/WBE Office on a quarterly basis verifying payments to the subcontractors(s) utilized on the contract. Initial _____

If I am awarded this contract and find that I am unable to utilize the subcontractor(s) identified in my Statement of Intent, I understand that I must substitute another certified MBE and WBE firm(s) to meet the participation goals. **I understand that I may not make a substitution until I have obtained the written approval of the MBE/WBE Office.** Initial _____

If awarded this contract, I understand that authorized representatives of the City of East Providence may examine the books, records and files of my firm from time to time, to the extent that such material is relevant to a determination of whether my firm is complying with the City's MBE/WBE participation requirements. Initial _____

I do solemnly declare and affirm under the penalty of perjury that the contents of the foregoing Affidavit are true and correct to the best of my knowledge, information and belief.

Signature of Bidder _____ Printed Name _____

Company Name _____ Date _____

SUBCONTRACTOR DISCLOSURE FORM

Fill out this form only if you WILL SUBCONTRACT with other parties. If you will not subcontract any portion of the proposed bid, do not fill out this form.

Prime Bidder: _____ Primary NAICS Code: _____

Item Description (as seen on RFP): _____

Please List all Subcontractors below. Include the total dollar value that you propose to share with each subcontractor and the dollar amount to be subcontracted. Please check off MBE and WBE where applicable. The directory of all state-certified MBE/WBE firms is located at www.mbe.ri.gov. Business NAICS codes can be found at <http://www.naics.como/search/>

Proposed Subcontractor	MBE	WBE	Primary NAICS Code	Date of Mobilization	\$ Value of Subcontract
					\$
					\$
					\$
					\$
					\$
					\$
					\$
A. MBE SUBCONTRACTED AMOUNT:					\$
B. WBE SUBCONTRACTED AMOUNT:					\$
C. NON MBE WBE SUBCONTRACTED AMOUNT:					\$
D. DOLLAR AMOUNT OF WORK DONE BY THE PRIME CONTRACTOR:					\$
E. TOTAL AMOUNT OF BID (SUM OF A, B, C & D):					\$
F. PERCENTAGE OF BID SUBCONTRACTED TO MBEs AND WBEs. (Add A and B. Divide by E and multiply by 100).					%

Please read and initial the following statement acknowledging you understand.

If the percentage of the total amount of the bid being awarded to MBE or WBE vendors is less than ¹10% (Box F) and the prime contractor is NOT a Rhode Island State-certified MBE or WBE, **you must fill out the MBE/WBE WAIVER REQUEST FORM for consideration by City of East Providence MBE/WBE Outreach Director.** Initial _____

Signature of Prime Contractor

Printed Name

Date Signed

MBE/WBE WAIVER REQUEST FORM

Fill out this form only if you are using subcontractors and did not meet the ¹10% MBE/WBE participation goal. MBE or WBE Prime Bidders that are certified by the State of Rhode Island are NOT REQUIRED to fill out this form.

Submit this form to the City of East Providence MBE/WBE Outreach Director, Elmer Carvalho-Pina at epina@eastprovidenceri.gov and Procurement Specialist, Ralph Mitchell at rmitchell@eastprovidenceri.gov for review prior to bid submission.

This waiver applies only to the current bid which you are submitting to the City of Providence and does not apply to other bids your company may submit for in the future.

Prime Bidder: _____

Company Trade: _____

Item Description (as seen on RFP): _____

To receive a waiver, you must list the certified MBE and/or WBE companies you contacted, the name of the primary individual with whom you interacted and the reason the MBE/WBE company could not participate on the project.

MBE/WBE Company name	Individual's Name	Company Trade	Why did you choose not to work with this company?

I acknowledge the City of East Providence's goal of a combined MBE/WBE participation is ¹10% of the total bid value. I am requesting a waiver of _____% MBE/WBE ¹10% minus the Value of Box F on the Subcontractor Disclosure Form). If an opportunity is identified to subcontract any task associated with the fulfillment of this contract, a good faith effort will be made to select MBE/WBE certified businesses as partners.

Signature of Prime Contractor



Printed Name

Date Signed

Signature of City of East Providence
MBE/WBE Outreach Director

Printed Name of City of East Providence
MBE/WBE Outreach Director

Date Signed

Item No.	Estimated Quantity	Brief description; Bid Price in both words and figures	Total Figure
201.0303	3* EACH	CUTTING, REMOVING AND DISPOSING ISOLATED TREE AND STUMPS _____Dollars and _____cents (\$ _____)	\$
201.0403	55 SY	REMOVE AND DISPOSE SIDEWALKS _____Dollars and _____cents (\$ _____)	\$
201.0428	1 EACH	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER _____Dollars and _____cents (\$ _____)	\$
201.0437	1 EACH	REMOVAL AND DISPOSAL OF DRAINAGE AND UTILITY STRUCTURES _____Dollars and _____cents (\$ _____)	\$
201.0438	50 LF	REMOVAL AND DISPOSAL OF FENCES AND RAILINGS _____Dollars and _____cents (\$ _____)	\$
202.0200	150* CY 	ROCK EXCAVATION COMMON _____Dollars and _____cents (\$ _____)	\$
202.0300	3,000 CY 	UNCLASSIFIED EXCAVATION _____Dollars and _____cents (\$ _____)	\$
206.0301	675 LF	COMPOST FILTER SOCK _____Dollars and _____cents (\$ _____)	\$

Item No.	Estimated Quantity	Brief description; Bid Price in both words and figures	Total Figure
209.0220	7 EACH	SACK INSERT INLET PROTECTION _____Dollars and _____cents (\$_____)	\$
211.0220	2 EACH	CONSTRUCTION ACCESS STANDARD 9.9.0 _____Dollars and _____cents (\$_____)	\$
302.0100	40 CY	GRAVEL BORROW SUBBASE COURSE _____Dollars and _____cents (\$_____)	\$
701.5302	25 LF	DUCTILE IRON WATER PIPE PUSH-ON JOINT - ALL SIZES _____Dollars and _____cents (\$_____)	\$
702.0501	2 EACH	FRAME AND GRATE - ALL SIZES AND TYPES _____Dollars and _____cents (\$_____)	\$
702.0502	1 EACH	FRAME AND COVER - ALL SIZES AND TYPES _____Dollars and _____cents (\$_____)	\$
702.1000	2 EACH	MANHOLE, CATCH BASIN, OR DROP INLET ASSEMBLY - (0' - 12' DEPTH) _____Dollars and _____cents (\$_____)	\$
903.0510	460 LF	FENCE - PERMANENT ALL TYPES AND SIZES _____Dollars and _____cents (\$_____)	\$

Item No.	Estimated Quantity	Brief description; Bid Price in both words and figures	Total Figure
903.0520	1,125 LF	FENCE - TEMPORARY ALL TYPES AND SIZES _____Dollars and _____cents (\$_____)	\$
905.1000	150 SY	PORTLAND CEMENT SIDEWALKS AND DRIVEWAYS _____Dollars and _____cents (\$_____)	\$
905.9901	2,500 SY	POROUS PAVEMENT SYSTEM _____Dollars and _____cents (\$_____)	\$
906.0310	105 LF	GRANITE CURB _____Dollars and _____cents (\$_____)	\$
906.0700	120 LF	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES _____Dollars and _____cents (\$_____)	\$
906.9901	39 EACH	GRANITE BLOCK _____Dollars and _____cents (\$_____)	\$
906.9902	900 LF	BITUMINOUS BERM STANDARD 7.5.1 _____Dollars and _____cents (\$_____)	\$
920.0320	5 SY	RIPRAP R-3, R-4, R-5 STANDARD 8.3.0 _____Dollars and _____cents (\$_____)	\$
936.0110	1 LS	MOBILIZATION _____Dollars and _____cents (\$_____)	\$

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Item No.	Estimated Quantity	Brief description; Bid Price in both words and figures	Total Figure
937.0100	1 LS	FURNISH, INSTALL, MAINTAIN, AND MOVE TEMPORARY TRAFFIC PROTECTION _____ Dollars and _____ cents (\$ _____)	\$
999.9901	1 ALL	TESTING OF MATERIALS AND METHODS _____ Ten Thousand _____ Dollars and _____ Zero _____ cents (\$ _____ 10,000 _____)	\$ 10,000
999.9902	1 ALL	POLICE DETAIL _____ Thirty-Five Thousand _____ Dollars and _____ Zero _____ cents (\$ _____ 35,000 _____)	\$ 35,000
L01.0102	970 SY	LOAM BORROW 4 INCHES DEEP _____ Dollars and _____ cents (\$ _____)	\$
L02.0102	970 SY	RESIDENTIAL SEEDING (TYPE 2) _____ Dollars and _____ cents (\$ _____)	\$
L11.0102	3 EACH	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0 _____ Dollars and _____ cents (\$ _____)	\$
T08.9901	3 EACH	SOLAR LIGHTING _____ Dollars and _____ cents (\$ _____)	\$
T15.0200	1 EACH	REMOVE AND RELOCATE DIRECTIONAL REGULATORY AND WARNING SIGN _____ Dollars and _____ cents (\$ _____)	\$
T15.2000	5 SF	PARKING SIGNS _____ Dollars and _____ cents (\$ _____)	\$

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Item No.	Estimated Quantity	Brief description; Bid Price in both words and figures	Total Figure
T20.0101	1,670 LF	PAVEMENT MARKINGS _____Dollars and _____cents (\$_____)	\$
T20.0103	3 EACH	ARROWS, WORDS, OR SYMBOLS PAVEMENT MARKINGS _____Dollars and _____cents (\$_____)	\$
Total Bid Price in Words			
Total Bid Price in Figures			

*Denotes indeterminate item; quantity assumed for comparison of bids.

SECTION 01020

ALLOWANCES

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes

1. Contingencies and their respective value which have been established in the BID as an estimated lump sum to facilitate comparison of bids only.

B. Related Sections

1. Section 00300 - Bid Forms
2. Section 01025 - Measurement and Payment

1.02 ALLOWANCES

A. Testing of Materials and Methods - Bid Item 999.9901

1. Provide testing of materials as requested by the Engineer.

B. Police Detail - Bid Item 999.9902

1. Coordinate and schedule uniformed trafficmen prior to commencement of work on public ways.

1.03 PAYMENT PROCEDURES

- A. Under these items, the Contractor shall be reimbursed for charges for the allowances required and authorized by the Owner and Engineer, as detailed in Section 01025 - Measurement and Payment.

- B. The lump-sum price for allowances is established in Section 00300 - Bid Forms as an estimated figure to facilitate comparison of bids only. The actual amount to be paid under this item shall constitute full compensation for services rendered.

- C. The lump-sum price for this item shall NOT include any costs associated with services rendered for routine utility markings, repair damages incurred as a result of the Contractor's operations, relocations of utilities done at the Contractor's request and/or convenience, or any other unauthorized services rendered by utility companies. The purpose of this item is strictly for the Contractor's reimbursement for those services authorized by the Owner or Engineer prior to the work being performed.

- D. The Contractor will be paid based on the actual PAID invoiced amount from the authority in question as approved by the Engineer. If the total cost for such charges is greater or less than the allowance amount stated under this item of the BID, a debit or credit of the difference in cost shall be to the Owner.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Materials as required and ordered by the Engineer shall conform to the Contract Documents.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Installation, relocation, or repair of utilities, shall be performed in accordance with the Contract Documents.

END OF SECTION

2. The unit price shall include saw cutting, trimming and fine grading gravel sub base, formwork, ¹detectable warning panel systems, placing concrete, finishing, properly curing and protecting the fresh concrete, removing and resetting granite street marker, and resetting of curb boxes and castings all as required to construct the Work and not specifically included for payment under other items.
3. Gravel will be paid for at the contract unit price per cubic yard under Item 302.0100, Gravel Borrow Subbase.
4. Excavation will be paid for at the contract unit price per cubic yard under Item 202.0300, Unclassified Excavation.
5. Removal and disposal of curb, all types and sizes, shall be included under this item. No separate payment will be made of removal and disposal of curbing.

BID ITEM NO. 905.9901

POROUS PAVEMENT

A. METHOD OF MEASUREMENT

1. The quantity of Porous Pavement to be paid for under this item shall be measured by the number of square yards of porous pavement installed, along with subgrade porous media bed materials, complete-in-place, in accordance with the Drawings or as otherwise directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:

- ¹ a. Trimming and fine grading the sub base;
- b. Fill material required to meet proposed grades shall be paid for under this item. All fill material must meet RIDOT Standard Specifications for Common Borrow, unless otherwise noted on the Plans.
- c. Furnishing and installing reservoir course crushed stone to the depths and grades shown on the Drawings;
- d. Furnishing and installing filter blanket material to the depths and grades shown on the Drawings;
- e. Furnishing and installing filter course material to the depths and grades shown on the Drawings;
- f. Furnishing and installing choker course crushed stone to the depths and grades shown on the Drawings;
- g. Furnishing and installing porous pavement ¹
- h. Furnishing and installing Bituminous ¹Berm (RI. STD 7.5.1) as shown on the Drawings;
- i. Sawcutting, removal and disposal of any temporary pavement, grading of the subgrade, special compaction requirements, matching existing pavement, and casting and valve box adjustments;
- j. Any and all other work, whether direct or incidental, associated with the furnishing and installing of permeable pavers not specifically identified herein.

BID ITEM NO. 906.0310**GRANITE CURB****A. METHOD OF MEASUREMENT**

1. The quantity of Granite Curb shall be as measured per linear foot, along the front arris of the curb, except that where the curb is set on a curve having a radius of 10 feet or less, the measurement will be made along the curb at the lowest exposed level after completion of shoulder or pavement.

B. BASIS OF PAYMENT

1. The unit price for this item shall include full compensation for all labor, materials, and equipment, including excavation, joints, gravel borrow subbase course, including compaction and trimming and fine grading, saw cutting existing or new granite curb to meet field conditions, Portland cement concrete curb lock, backfilling, compacting, saw cutting flexible or rigid pavement, removal and disposal of existing pavements, removal and disposal of existing sidewalks, furnishing and installation of bituminous asphalt and all incidentals required to finish the work, complete and accepted.

BID ITEM NO. 906.0700**REMOVE, HANDLE, HAUL TRIM RESET CURB
EDGING, STRAIGHT, CIRCULAR, ALL TYPES****A. METHOD OF MEASUREMENT**

1. The quantity to be paid for under this item shall be actual amount of curb removed and reset, measured by the linear foot along the centerline of the curb, complete as indicated on the Drawings or as otherwise directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for curb removed and reset shall constitute full compensation for removing, handling, stockpiling, hauling, trimming, and resetting all types and sizes of curb and/or curb corners, including all excavation, backfill, compaction, bedding, concrete, formwork, removal and replacement of gravel and all other work incidental to removing and resetting existing curbing and not specifically included for payment under other Items. No additional compensation will be made for transporting curb to another area of the project to be reset.
2. The unit price shall constitute full compensation for furnishing all labor, materials, tools and equipment necessary for furnishing, trimming and installing existing curbing as detailed on the Drawings and as directed by the Engineer.
3. Any required excavation and sawcuts made in existing pavement, will be included in unit price under this item, no separate payment will be made.
4. Curbing damaged during removal or other construction operations shall be replaced in kind at no expense to the Owner. Removal and disposal of curb, all types and sizes, shall be included under this item. No separate payment will be made of removal and disposal of curbing.

BID ITEM NO. 906.9901**GRANITE BLOCK****A. METHOD OF MEASUREMENT**

1. The quantity of granite blocks to be paid for under this item shall be measured per each, based on the actual number of granite blocks installed, complete-in-place, as indicated on the Drawings or as otherwise directed by the Engineer.

B. BASIS OF PAYMENT

1. The price constitutes full for all labor, materials, and equipment, preparation of subgrade, trimming and fine grading, transporting from the RIDOT storage stockpile locations, hauling and placing the blocks, and all incidentals required to finish the work, complete and accepted. The stockpiles are located at 34 Vanderland Avenue and the intersection of Marietta Street and Pawtucket Avenue.

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BID ITEM NO. 906.9902**BITUMINOUS BERM STANDARD 7.5.1****A. METHOD OF MEASUREMENT**

1. The quantity of bituminous berm to be paid for under this item shall be actual amount of bituminous berm, furnished and installed, measured by the linear foot of the berm, complete as indicated on the Drawings or as otherwise directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:
 - a. Furnishing and installing bituminous berm as detailed on the Drawings and as directed by the Engineer;
 - b. The unit price for this item shall constitute full compensation for all other work incidental to furnishing and installing new bituminous berm and not specifically included for payment under other items.
2. Bituminous berm damaged during construction operations shall be replaced in kind at no expense to the Owner.

BID ITEM NO. 920.0320**RIPRAP R-3, R-4, R-5 STANDAR 8.3.0****A. METHOD OF MEASUREMENT**

1. The quantity of Riprap to be paid for under this item shall be measured by the number of square yards of riprap installed, complete-in-place, in accordance with the Drawings or as otherwise directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for this item constitutes full for all labor, materials, and equipment, including excavation for riprap or bedding, preparation of subgrade, filter fabric, bedding material, trimming and fine grading, hauling and placing the material, and all incidentals required to finish the work, complete and accepted.
2. Riprap placed outside the specified limits will not be paid for, and the Contractor will be required to remove and dispose of the excess riprap at no additional cost to the Owner.

BID ITEM NO. 936.0110

MOBILIZATION

A. METHOD OF MEASUREMENT

1. This item shall be paid for at the contract unit price bid per lump sum.
2. The lump sum price for this item shall not exceed five percent (5%) of the total amount of the bid, excluding this item.
3. A maximum of fifty percent (50%) of the Mobilization lump sum shall be payable in the initial payment requisition. The balance of the lump sum shall be payable upon completion of the project, after all temporary items and measures have been removed and suitably disposed of and final restoration has been completed.

B. BASIS OF PAYMENT

1. The lump sum price for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:
 - a. Initiating and administering the contract, including but not limited to furnishing performance and payment bonds and all other securities and insurances required, project meetings, securing of all necessary permits, etc., for providing all other materials, supplies, tools, equipment, labor, financing, supervision, temporary structures, and any and all other administrative expenses incurred in carrying out the work and furnishing the materials, keeping records and preparing required reports, and assuming risks, which have not been included in the prices in other items of the Bid Proposal;
 - b. Costs, exclusive of the cost of materials, for mobilizing all machinery, plant, tools, and other equipment necessary to carry on and complete the work;
 - c. Establishing and maintaining survey controls for the construction layout of the overall project by a qualified professional, using appropriate means and methods to insure the accuracy of the layout, as specified and/or as directed by the Engineer;
 - d. Re-establishing all benchmarks, concrete bounds, iron pins, and all permanent property boundary markers;
 - e. Coordinating and scheduling the use of uniformed traffic persons including tracking or verifying hours worked by traffic persons;
 - f. Costs for all material testing and quality control testing required by the Contract Documents;

- g. Furnishing and spreading calcium chloride and/or water in order to control (minimize) dust at the Work areas;
- h. Compliance with all RIDOT permit and Soil Erosion and Sedimental Control Plan (SESCP) requirements;
- i. Costs for demobilizing all machinery, plant, tools, and other equipment used to perform the work upon completion of the project;
- j. Costs for performing final cleanup of the project area, exclusive of specific restoration to be paid for under other items.

BID ITEM NO. 937.0100

**FURNISH, INSTALL, MAINTAIN, AND MOVE
TEMPORARY TRAFFIC PROTECTION**

A. METHOD OF MEASUREMENT

- 1. Traffic Protection shall be paid for on a lump sum basis.
- 2. A maximum of fifty percent (50%) of the traffic control lump sum shall be payable in the initial payment requisition. The balance of the lump sum shall be payable upon completion of the project, after all temporary items and measures have been removed and suitably disposed of and final restoration has been completed.

B. BASIS OF PAYMENT

- 1. The lump sum for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:
 - a. Fabricating, furnishing, erecting, maintaining, removing and relocating the traffic management devices for the overall project, complete-in-place, as directed by the Engineer;
 - b. Providing additional traffic management devices to provide a clear and visible traffic control through the project area, if required;
 - c. The Contractor shall be required to reposition the traffic control devices as many times as necessary to ensure the safe passage of vehicular traffic and pedestrians. Supplemental signs and traffic control devices directing traffic around and/or through the work zones shall be supplied as operations require or as directed by the Engineer. Payment for these traffic control measures shall be included as part of this item and no additional payment will be made.
 - d. At a minimum, traffic control shall include the following:

<u>Quantity</u>	<u>Description</u>
2	Road Work Ahead sign
2	One-Lane Road Ahead sign
2	Police Officer Ahead sign
2	End Road Work sign
2	Traffic Fines Doubled
10	Reflectorized Drum

These signs shall be modified as necessary to reflect the actual work and roadway conditions at all times. The Contractor shall be responsible for making the determination as to which signs are appropriate.

- e. The services of flagpersons as deemed necessary by the Contractor shall be included in this lump sum bid price. No separate payment shall be made for flagpersons.
- f. Other work, whether direct or incidental, associated with the traffic control not specifically identified herein.

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BID ITEM NO. 999.9901

TESTING OF MATERIALS AND METHODS

A. METHOD OF MEASUREMENT

- 1. Testing of Materials and Methods shall be paid for on an allowance basis.

B. BASIS OF PAYMENT

- 1. The allowance for this item shall include full compensation for all labor, equipment, materials, and incidentals needed to complete the following:
 - a. Testing services requested by the Engineer shall be paid for under this item;
 - b. Costs for all material testing and quality control testing required by the Contract Documents shall be paid for under **Item No. 936.0110**. This item shall be for all additional testing required by the Engineer not previously stated in the Contract Documents.
- 2. Inspecting and testing performed exclusively for the contractor's quality control and for conformance with the specifications shall be sole responsibility of the Contractor.

BID ITEM NO. 999.9902

POLICE DETAIL

A. METHOD OF MEASUREMENT

- 1. Police Detail shall be paid for on an allowance basis.

B. BASIS OF PAYMENT

- 1. The allowance for this item shall include full compensation for all police details required to complete the work. Signed police detail slips must be submitted to the Engineer in order to receive compensation for said work.

BID ITEM NO. L01.0102

LOAM BORROW 4 INCHES DEEP

A. METHOD OF MEASUREMENT

- 1. The quantity of loam borrow shall be measured by the number of square yards of loam borrow installed with a minimum depth of 4 inches, complete-in-place, in accordance with the Drawings and/or as directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:
 - a. Trimming and fine grading the sub base;
 - b. Placing loam borrow;
 - c. Resetting or replacement of all signposts and resetting of curb boxes and castings in loamed and seeded areas;
 - d. Any and all other work, whether direct or incidental, associated with the furnishing and installing loam borrow not specifically identified herein.

BID ITEM NO. L02.0102

RESIDENTIAL SEEDING (TYPE 2)

A. METHOD OF MEASUREMENT

1. The quantity of residential seeding type II shall be measured by the number of square yards, surface measurement, of the area in which seed has been installed, complete-in-place, in accordance with the Drawings and/or as directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:
 - a. Furnishing and placing seed, lime and fertilizer;
 - b. Protecting and maintaining the loamed and seeded area until such time as an acceptable level of grass growth has been established;
 - c. Any and all other work, whether direct or incidental, associated with the restoration of vegetated areas not specifically identified herein.

BID ITEM NO. L11.0102

TREE PLANT PROTECTION DEVICE STD 51.1.0

A. METHOD OF MEASUREMENT

1. Where the plans show specific, individual trees to remain and where grading or other disturbance is shown within the drip line of these trees or where the Engineer determines that an individual tree must be protected, these trees shall be protected and paid for per each tree protected.

B. BASIS OF PAYMENT

1. Compensation for tree plant protection devices will be paid for at the contract unit price per each under this item. This item shall include full compensation for all labor, equipment, materials, and incidentals for the satisfactory completion of the work, including the services of a certified arborist, water and fertilizer, and the subsequent removal and satisfactory disposal of the protective materials upon completion of the contract.

BID ITEM NO. T08.9901**SOLAR LIGHTING****A. METHOD OF MEASUREMENT**

1. The quantity of Solar Lighting to be paid for under this item shall be measured per each, based on the actual number of solar light fixtures and bases installed, complete-in-place, as indicated on the Drawings or as otherwise directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price for this item shall include full compensation for all labor, equipment, materials and incidentals needed to complete the following:
 - a. Excavation for, backfill for, concrete for, reinforcement for and installation of pole bases as detailed on the Drawings;
 - b. Furnishing and installation of Clear Blue Technologies Illumient Strada Dual Solar Smart Off Grid Lighting fixtures, or approved equal, including the following components;
 - i. 24.5 foot black steel pole including base cabinet;
 - ii. Sigma series ESLD-60-62W light fixture on a 6' light arm;
 - iii. Bosh Motion Sensor;
 - iv. Dual 315 Watt 60 Cell Solar Panel;
 - v. Dual 145Ah AGM, thick plate, long life, deep cycle lead acid batteries;
 - vi. Prepackaged cabling harness kit;
 - vii. Clear Blue Technologies Smart Off Grid Controller;
 - viii. 3 years of Illumience Smart Off-Grid Cloud-Based Monitoring and Control.
 - ix. 3 years of communications, cellular for single units and mesh/ethernet or mesh/cellular for multi-pole projects.
 - x. Precast or cast-in-place light pole base, rebar, tie rods, ground clamps, anchor bolts, and all other work as required per the manufacturer's specifications.
 - xi. Contractor shall be responsible for submitting a stamped design of the light pole base foundation to confirm it is adequate for the selected solar light fixture.
 - c. Any and all other work, whether direct or incidental, associated with the restoration of vegetated areas not specifically identified herein.

BID ITEM NO. T15.0200**REMOVE AND RELOCATE DIRECTIONAL
REGULATORY AND WARNING SIGNS****A. METHOD OF MEASUREMENT**

1. Removing and relocating signs will be measured per each sign actually removed and reset, complete in place, including the foundation, excavation, backfilling and compaction for foundations and the structural supports.

B. BASIS OF PAYMENT

1. Payment for work to be done under this item will be by the unit price bid per each, which will be full compensation for the satisfactory removal, stockpiling and resetting of existing posts, installation of new post and concrete base, and for all excavation and backfill, and for furnishing all labor, tools, equipment and any other incidentals to complete the work. The contract unit price shall also include excavation and disposal of existing foundations and the supplying and placing of compacted gravel backfill where foundations and posts are removed and restoration of surface for which no additional payment will be made. If posts are damaged during excavation and determined by the Engineer to be unfit for reuse, the Contractor shall replace the sign at no additional cost to the Owner.

BID ITEM NO. T15.2000 PARKING SIGNS

A. METHOD OF MEASUREMENT

1. Parking Signs will be measured per square foot of signage actually installed, complete in place, including the foundation, excavation, backfilling and compaction for foundations and the structural supports.

B. BASIS OF PAYMENT

1. The unit price shall include full compensation for furnishing and erecting the supports, including construction of the concrete bases, steel reinforcement and anchor bolts, furnishing and installing post assembly, furnishing and installing the signage, and all excavation, gravel backfill, and all incidental costs required to complete the work.

BID ITEM NO. T20.0101 PAVEMENT MARKINGS

A. METHOD OF MEASUREMENT

1. Pavement Markings are to be paid for on the actual length of lines measured by the linear foot applied under the various items of the Contract. The lengths of solid lines will be obtained by:
 - a. Use of a measuring wheel or

B. BASIS OF PAYMENT

1. The unit price constitutes full compensation for all labor, tools, materials and equipment, including protection of newly applied markings from traffic, layout, cleaning and sweeping, furnishing and applying the pavement markings, and all incidentals required to finish the work, complete and accepted.
2. No payment will be made for the repair or replacement of defective pavement markings.

A. METHOD OF MEASUREMENT

1. Arrows, Words, or Symbol Pavement Markings shall be measured per each pavement marking applied, complete-in-place, in accordance with the Drawings and/or as directed by the Engineer.

B. BASIS OF PAYMENT

1. The unit price constitutes full compensation for all labor, tools, materials and equipment, including protection of newly applied markings from traffic, layout, cleaning and sweeping, furnishing and applying the pavement markings, and all incidentals required to finish the work, complete and accepted.
2. No payment will be made for the repair or replacement of defective pavement markings.

PART 2 PRODUCTS NOT USED

PART 3 EXECUTION NOT USED

END OF SECTION

SECTION 02615

PAVEMENT MARKINGS, THERMOPLASTIC & EPOXY RESIN

PART 1 GENERAL

1.01 DESCRIPTION

- A. The work under this section shall include removing existing pavement markings and furnishing and applying a reflectorized oil and grease impervious thermoplastic road marking material which is hot extrusion applied with a surface application of glass spheres or an epoxy resin road marking material. The properly applied markings shall be reflectorized and able to durably resist degradation and deformation by traffic.

PART 2 PRODUCTS

2.01 MATERIALS

- A. The thermoplastic material shall be homogeneously composed of pigment, filler, resins, and glass reflectorizing spheres and shall be available in both white and yellow.
- B. The pigment, beads, and filler shall be uniformly dispersed in the resin. The material shall be free from all skins, dirt, and foreign objects and shall comply with requirements according to TABLE 1.

TABLE 1 COMPOSITION

Component	By Weight
<u>Binder</u>	18.0% Min.
Glass Beads (AASHTO M247 Type 1)	25.0% Min.
Titanium Dioxide (ASTM D476-Type 2)	8.0% Min.
Yellow (For Yellow Only)	2.0% Min.
Calcium Carbonate & Inert Filler	See Note

Note: Amount of Calcium Carbonate and inert fillers shall be at the option of the manufacturer, providing all other requirements of the specification are met.

- C. The binder shall be primarily composed of maleic-modified glycerol ester of resin and the binder shall not contain, oil and grease compatible, petroleum-based hydrocarbon resins.
- D. The thermoplastic material after heating for four (4) hours at 425° and cooled at 77° shall meet the following color characteristics:

WHITE: Daylight reflectance at 45° - 0°...75% Min.

YELLOW: Daylight reflectance at 45° - 0°...45% Min.
and match Federal Test Standard Number 595 - color 13538.

- E. When applied at a temperature range of 412° + 12.5° F and thickness of 0.125" the thermoplastic material shall set to bear traffic in not more than two (2) minutes when the air temperature is 50° F and not more than ten (10) minutes when the air temperature is 90°F.
- F. After heating the thermoplastic material for four (4) hours at 425°F the bond strength to Portland Cement concrete shall exceed 180 psi.
- G. For at least ninety (90) days after application the material shall show no cracks other than with substrate cracking.
- H. The solid block material shall be packaged in suitable corrugated containers, 14" x 28" x 3" in size weighing approximately 50 pounds, which will not adhere to material while in storage. Each batch shall designate the color, manufacturer's name, batch number and date of manufacture. Each batch manufactured shall have its own separate number. The label shall warn the user that the material shall be heated in the range of 400° - 440°F during application.
- I. Properly formulated oil impervious thermoplastic will, when 100 grams of a sample is melted and mixed thoroughly with 10 grams (10%) of Quaker State non-detergent motor oil to approximately 425°F remain hard after cooling and show definite separation of the oil as a distinct layer on top of the cooled thermoplastic.

2.02 EPOXY RESIN PAVEMENT MARKINGS

- A. General. The two-component, 100 percent solids paint shall be formulated and designed to provide a simple volumetric mixing ratio (e.g., 2-part component A to 1 part component B) specifically for service as a hot-spray applied binder for glass beads in such a manner as to produce maximum adhesion, friction and reflection. The material shall be composed of epoxy resins and pigments only and meet the following requirements:
 - 1. Color. White – the color (after drying at the specified thickness) shall be a flat white, free from tint, furnishing good opacity and visibility under both daylight and artificial light, and shall match Chip No. 17875 of Federal Standard 595. Yellow – the color (after drying at the specified thickness) shall match Chip No. 13538 of Federal Standard 595.

The paint shall be well mixed in the manufacturing process and shall be free from defects and imperfections that may adversely affect the serviceability of the finished product. The paint shall not liver, thicken, curdle, gel, settle

excessively, or otherwise display any objectionable properties after storage. Individual components shall not require mixing prior to use when stored for a maximum of twelve months.

2. Composition. The overall paint composition shall be left to the discretion of the manufacturer, but shall meet the following requirements.

White:	Titanium Dioxide	20+/- 2 percent, by weight
	ASTM D476 Type III	
	Epoxy Resin	80+/- 2 percent, by weight
Yellow:	Chrome Yellow	25+/- 2 percent, by weight
	ASTM D211 Type III	
	Epoxy Resin	75+/- 2 percent, by weight

3. Epoxy Content (Component A). The epoxy content of the epoxy resin will be tested in accordance with ASTM D1652 and calculated as the weight per epoxide equivalent (WPE) for both white and yellow.

The epoxy content will be determined by a pigment free basis. The WPE shall meet a target value provided by the manufacturer within a tolerance of +/- 50.

4. Amine Value (Component B). The amine value shall be tested in accordance with ASTM D2074 to determine its total amine value. The total amine value shall meet a target value provided by the manufacturer within a tolerance of +/- 50.

The manufacturer may specify an alternate test method for determining the amine value subject to the approval of the Engineer.

5. Toxicity. Upon heating to application temperature, the material shall not exude fumes which are toxic or injurious to persons or property. A certification stating such is required to be submitted to the Engineer.
6. Abrasion Resistance (ASTM D4060). When the abrasion resistance of the material is tested with a CS-17 wheel under a load of 1,000 grams for 1,000 cycles, the wear index shall be no greater than 82.
7. Hardness (ASTM D2240). The Type D durometer hardness of the material shall not be less than 75 nor more than 100 after the material has been conditioned for not less than 72 hours nor more than 96 hours at 23degrees +/- 2 degrees C.
8. Tensile Strength (ASTM D638). The tensile strength of the material shall not be less than 6,000 psi after 72 hours of conditioning at 23+/-2 degrees Celsius.

9. Compressive Strength (ASTM D695). The compressive strength of the material shall not be less than 12,000 psi after 72 hours of conditioning at 23+/- 2 degrees Celsius.
 10. Infrared Spectrophotometer Analysis (ASTM D2621). Samples of both Part A and Part B (and of that mixed to the proper ratio) shall be analyzed by infrared spectrography. The spectrum of each component and final product shall be a reasonable match to the spectrum of the original formulation submitted by the manufacturer.
 11. Directional Reflectance (ASTM E1347). The daylight directional reflectance (without glass spheres) shall be not less than 84 percent for white and not less than 50 percent for yellow (relative to Magnesium Oxide).
 12. Dry Time – Laboratory (ASTM D711). The epoxy resin compounds, when mixed in the proper ratio and applied to a uniform wet film thickness of 20 mils and immediately dressed with glass beads at the proper rate, shall exhibit a no-tracking drying condition in not more than 30 minutes at 72 degrees F.
 13. Dry-Time – Field. The no-tracking condition for the field shall be considered as the condition where no visual displacement of the epoxy resin striping material is observed.
- B. Certification. The manufacturer shall furnish a certified test report by an independent testing laboratory prior to the start of the work indicating that the material as specified has been tested in accordance with the above procedures and that the results comply with the above requirements. A Material Safety Data Sheet is also required.
- C. Packaging. The epoxy materials shall be shipped in appropriate, durable, and substantial containers. Individual containers shall be plainly marked with the following information: manufacturer's name and address; name of product; lot number; batch number; color; net weight and volume of contents; date of manufacture; date of expiration; statement of content (i.e., Part A-contains pigment and epoxy resin; Part B – contains catalyst); mixing proportions, application temperatures and instructions; and safety information.

2.03 GLASS BEADS – DUAL GRADATION

- A. Scope. This specification covers the requirements for glass beads which are to be dropped onto white and yellow epoxy resin pavement marking material to produce a highly weather-and-wear resistant reflectorized traffic marking.
- B. Detailed Requirements.
1. Reflective Glass Spheres. The glass spheres shall be transparent, clean, smooth, and spherically shaped, free of milkiness, pits, or excessive air bubbles and conform to the following specific requirements.

- a. Coatings. The spheres shall be coated to enhance their embedment characteristics to the binder. They shall show no tendency to absorb moisture in storage and shall remain free of clusters and hard lumps.
- b. Quality Assurance. The spheres shall be segregated into maximum lots of 2,500 pounds and lot numbers shall be stamped onto each. Each lot shall be tested for gradation, rounds and coating and a Certificate of Compliance stating such will accompany each lot.
- c. Gradation. The glass spheres shall meet the following gradation requirements when tested in accordance with ASTM D1214.

Type I		Type II	
Sieve Size	Percent Passing	Sieve Size	Percent Passing
10	100	20	95-100
12	95-100	30	80-95
14	80-95	50	9-42
16	10-40	80	0-10
18	0-5	-	-
20	0-2	-	-

- d. Roundness. The glass spheres shall have a minimum of 80 percent rounds per screen for the two highest sieve quantities for Types I and II, and no more than 3 percent angular particles per screen for the Type I gradation. The remaining fractions shall typically be no less than 75 percent rounds as tested according to ASTM D1155, Procedure A.
- e. Refractive Index. The glass spheres shall have a refractive index of 1.50 to 1.52 when tested according to AASHTO M247.
- f. Silica Content. The silica content of the glass spheres shall not be less than 60 percent.
- g. Packaging. Reflective glass spheres shall be shipped in moisture resistant bags. Each bag shall be marked with the name and address of the manufacturer, the name and net weight of the material, batch or lot number, and shall include a certified test report stating that they meet the above test requirements.

PART 3.00 EXECUTION

- A. The thermoplastic material shall readily be applicable at temperatures between 400° and 440°F from the approved equipment to produce a 0.090" cross section of line at varying width in yellow or white as shown on the plans.

- B. Equipment supplies shall consist of a completely enclosable steel mobile trailer containing a thermoplastic applicator equal to Pave-Mark Corporation's Apollo System II Plus 1, a spare propane gas bottle, spare tire, 4" and 12" width extrusion dies and a variable width bead dispenser.
- C. The approved thermoplastic applicator must be capable of thermostatically melting and properly applying at least 175 lbs. of thermoplastic material per hour without the use of a separate melting kettle. A block thermoplastic material preheater shall be quick mountable at an 82° vertical angle on the applicator to rapidly melt material. The material discharged into the extrusion die shall be heated by means of a covered radiant heater. Torch flame heating the die is unacceptable.
- D. The CONTRACTOR shall supply a minimum of 100 pounds of, AASHTO M-247, drop-on beads for each ton of thermoplastic material purchased. The glass bead dispenser shall be automatically operated only by the extrusion die control handle. The knurled bead shaft shall not rotate more than one-half inch wider than the thermoplastic line width in order to conserve material.
- E. Any existing pavement marking consisting of thermoplastic and/or paint must be removed from the roadway surface within the project area prior to application of any new striping using a pavement marking removing technique approved by the CITY.

3.01 EPOXY RESIN PAVEMENT MARKINGS

- A. Equipment – Equipment for the application of epoxy resin traffic stripes or special handwork shall consist of one or more mobile, truck-mounted and self-contained pavement marking machines, specifically designed to apply epoxy resin striping material and reflective glass beads in continuous and skip-line patterns. The equipment shall be capable of applying straight and curved lines in a true arc. In Addition, the truck mounted unit shall be provided with accessories to allow for the marking of legends, symbols, crosswalks, and other special patterns. At any time throughout the duration of the project, the Contractor shall provide free access to the equipment for inspection by the Engineer. The Engineer may approve the use of portable applicator in lieu of mobile truck mounted accessories for use in applying special markings only, provided such equipment can demonstrate satisfactory application of reflectorized epoxy markings in accordance with these specifications.

The application equipment shall be capable of installing a minimum of 10 miles of epoxy reflectorized pavement markings in an eight hour day and shall include the following features:

1. Individual material reservoirs for the storage of each of the individual epoxy resin components and each type of glass beads.
2. Heating element of sufficient capacity to maintain the individual epoxy resin components at the manufacturer's recommended temperature for spray application.
3. Two separate gravity type glass beads dispensers capable of uniformly applying glass beads to epoxy resin traffic stripes at the rate required.

4. Accurately calibrated, tamper-proof, metering type device to monitor the ratio of the components being fed to the spray nozzle. The devices should be visible to the operator while the equipment is in use and can be capable of displaying the proportioning such that the actual mixing ratio can be determined at all times.
 5. Accurately calibrated, tamper-proof, metering type devices that measure and record the number of gallons of epoxy resin material used and corresponding length of stripe(s) applied. Each application gun shall have individual footage accumulators which are activated only when material is being applied. This information shall be provided in a format that permits a direct determination of the yield (average mil thickness) of the applied materials.
 6. All applicator guns on the spray carriages shall be in full view of the operator during operation. The equipment shall be capable of placing two lines simultaneously with either line a solid or intermittent pattern on yellow or white. When the color of the material is changed, a quantity of material equal 150 linear feet of stripe(s) shall be wasted to eliminate the chance of contamination of the alternate color.
 7. An air pressure nozzle shall be directed to the area to be striped to permit cleaning of the road surface immediately prior to application of the material. The pressure in the line shall be a minimum of 175 psi.
 8. When working on a roadway with more than one lane in either direction, the applicator truck shall have a permanently mounted, variable direction, illuminated arrow board, fully operational and visible to approaching traffic.
- B. General. Before any pavement marking work is begun, a schedule of operations shall be submitted for the approval of the Engineer. At least 5 days prior to the starting of striping, the Contractor shall provide the Engineer with the epoxy manufacturer's written instructions for use, including but not limited to, material mixing ratios and application temperatures.

When pavement markings are applied under traffic flow conditions, the Contractor shall provide all necessary signs, cones, arrow boards, etc., in accordance with the contract provisions and the latest edition of MUTCD to maintain and protect the traffic, the marking operation, and the pavement markings until thoroughly set.

If, for any reason, it is not possible to place epoxy lane and center lines within the guidelines and restrictions of the contract, and no previous lines exist, the Contractor, at his expense, shall place the appropriate color of four-inch reflective temporary pavement markings for the entire length of the roadway that is unstriped in accordance with the latest edition of the MUTCD. The temporary pavement markings and possible subsequent removal shall be at the Contractor's expense. The type of temporary markings will be approved by the Engineer.

The Contractor shall be responsible for removing, to the satisfaction of the Engineer, all tracking marks, spilled epoxy markings applied in unauthorized areas.

- C. Power Wash. All special patterns, handwork, and oil or other deleterious substances shall be removed by a power wash machine with a pressure of 1400-2800 psi with the water heated to 180-195 degrees F. No chemicals shall be added to the water in the process. The machine will be equipped with a turbo blast tip with oscillating head and shall be capable of supplying 5 gallons/minute/gun.

Pavement cleaning shall consist of at least a brushing with a rotary, non-metallic broom and additionally as may be recommended by the manufacturer, all to the satisfaction of the Engineer. New Portland cement concrete shall be cleaned by sandblasting to remove any surface treatments and/or laitance. Surface cleaning and preparation work shall be performed only in the area of the epoxy markings applications. The pavement surface shall be air-blasted to remove dirt and residues just prior to the application of the markings.

1. Restrictions. Epoxy striping material shall be applied to substantially dry pavement surfaces. The pavement surface temperature and the ambient temperature shall be a minimum of 35 degrees F. at time of application. Operations shall neither start nor be continued during periods of rain or in the case of damp pavement. Operations shall not continue until the Engineer determines that the roadway surface is dry enough to achieve adhesion.

The individual epoxy components shall be heated to the temperatures recommended in the epoxy manufacturer's written instructions for use or as stated in the FHWA Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects (note maximum temperature of 140 degrees F.)

The ratio of the two components shall be monitored during the application, using the installed metering devices. Should the ratio fall outside the range of +/- 5 percent of the manufacturer's specified mixing ration for over 30 seconds or at any time fall outside the range of +/- 10 percent, the application shall be stopped and the cause of the problem determined and corrected before proceeding.

2. Application. Epoxy pavement markings must be reflectorized for night visibility by adding reflective spheres before the paint dries or sets, by the double-drop method. The reflective spheres, Type I followed immediately by Type II, shall be evenly dispersed on a minimum wet film thickness of 20 mils on existing and new pavements at a minimum rate of 12 pounds per gallon for each type of glass sphere. All special patterns and handwork (i.e., stop bars, arrows, legends, symbols, etc.) shall meet the above application rates with the following exception: The double-drop application of glass spheres will use the Type II gradation only with two applications at a minimum of 12 pounds per gallon each

The Contractor shall place necessary spotting at appropriate points to provide horizontal control for striping and to determine necessary starting and stopping points. Longitudinal joints, pavement edges and existing markings shall serve as horizontal control when approved by the Engineer.

Epoxy reflectorized pavement markings shall be placed at the width, thickness, and pattern designated by the Contract Documents. Marking operations shall not begin until applicable surface preparation work is completed and approved by the Engineer, and the atmospheric conditions and pavement surface temperature are acceptable to

the Engineer. The temperature of the mixed epoxy may be adjusted as required for prevailing conditions, including air temperature and pavement temperature to achieve the prescribed no-track time. The speed of the applicator truck shall not exceed the recommended rate for the combination of the truck rate, pressure in the lines, and the tip opening and height of the spray gun to insure the required thickness.

- D. Quality Assurance. A tolerance of ¼-inch under or over the specified width will be allowed for striping provided the variation is gradual and does not detract from the general appearance. Alignment deviations for the control guide shall not exceed 2 inches provided the variation is gradual and does not detract from the general appearance. Material shall not be applied over a longitudinal joint. Establishment of these tolerances shall not relieve the Contractor of his responsibility to comply as closely as practicable with planned dimensions.

Retroreflection shall be measured using a 30-meter geometry portable unit following ASTM D6359 with the following exceptions: minimum values shall not be less than 350 mcd/lum/m² for white and 225 mcd/lum/m² for yellow as measured by the Engineer; and measurement for acceptance shall be performed between 14 and 60 days after placement.

Epoxy reflectorized pavement markings, which after application and curing are determined by the Engineer to be defective and not in compliance with this Specification, shall be repaired. Repair of defective markings shall be the responsibility of the Contractor and shall be performed to the satisfaction of the Engineer at no additional cost to the City. Repair methods shall be detailed and submitted for approval to the Engineer prior to corrective action.

- E. Symbols and Word Messages. Symbols and word messages shall be applied to the pavement where designated on the Plans or as directed by the Engineer. The letters shall be elongated in the direction of traffic as shown on the Plans or as directed by the Engineer.

- F. Epoxy Retroreflection Values. Payment will be as follows:
1. Minimum 350/225 (white/yellow): 100% contract unit price
 2. Minimum 330/205 (white/yellow): 90% contract unit price
 3. Minimum 310/185 (white/yellow): 80% contract unit price
 4. Minimum 300/175 (white/yellow): 75% contract unit price
 5. Below 300/175 (white/yellow): 0% contract unit price

END OF SECTION

"General Decision Number: RI 20230001 08/25/2023

Superseded General Decision Number: RI 20220001

State: Rhode Island

Construction Types: Building, Heavy (Heavy and Marine) and Highway

Counties: Rhode Island Statewide.

BUILDING CONSTRUCTION PROJECTS (does not include residential construction consisting of single family homes and apartments up to and including 4 stories) HEAVY, HIGHWAY AND MARINE CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none">. Executive Order 14026 generally applies to the contract.. The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none">. Executive Order 13658 generally applies to the contract.. The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/06/2023
1	01/13/2023
2	02/03/2023
3	03/17/2023
4	04/14/2023
5	05/12/2023
6	06/02/2023
7	06/16/2023
8	06/30/2023
9	08/25/2023

* ASBE0006-006 06/01/2023

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER (Includes preparation, wetting, stripping, removal scrapping, vacuuming, bagging & disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems).....	\$ 39.80	26.05

ASBE0006-008 09/01/2021

	Rates	Fringes
Asbestos Worker/Insulator Includes application of all insulating materials, protective coverings, coatings & finishes to all types of mechanical systems. \$	45.00	32.89

BOIL0029-001 01/01/2021

	Rates	Fringes
BOILERMAKER.	\$ 45.87	29.02

BRI 0003-001 06/01/2022

	Rates	Fringes
Bricklayer, Stonemason, Pointer, Caulker & Cleaner.....	\$ 46.86	29.14

BRI 0003-002 09/01/2022

	Rates	Fringes
Marble Setter, Terrazzo Worker & Tile Setter.....	\$ 46.54	30.34

BRI 0003-003 09/01/2022

	Rates	Fringes
Marble, Tile & Terrazzo Finisher.....	\$ 38.78	29.61

CARP0330-001 06/05/2023

	Rates	Fringes
CARPENTER (Includes Soft Floor Layer).....	\$ 42.78	30.00
Diver Tender.....	\$ 43.78	30.00
DIVER.....	\$ 55.93	30.00
Piledriver.....	\$ 41.53	29.35
WELDER.....	\$ 43.78	30.00

FOOTNOTES:

When not diving or tending the diver, the diver and diver tender shall receive the piledriver rate. Diver tenders shall receive \$1.00 per hour above the pile driver rate when tending the diver.

Work on free-standing stacks, concrete silos & public utility electrical power houses, which are over 35 ft. in height when constructed: \$.50 per hour additional.

Work on exterior concrete shear wall gang forms, 45 ft. or more above ground elevation or on setback: \$.50 per hour additional.

The designated piledriver, known as the ""monkey"": \$1.00 per hour additional.

CARP1121-002 01/02/2023

	Rates	Fringes
MI LLWRI GHT.	\$ 41.54	30.73

ELEC0099-002 06/01/2023

	Rates	Fringes
ELECTRICIAN.	\$ 48.61	50.44%
Tel edata System Installer.	\$ 36.46	11.59%+15.31

FOOTNOTES:

Work of a hazardous nature, or where the work height is 30 ft. or more from the floor, except when working OSHA-approved lifts: 20% per hour additional.

Work in tunnels below ground level in combined sewer outfall: 20% per hour additional.

ELEV0039-001 01/01/2023

	Rates	Fringes
ELEVATOR MECHANIC.	\$ 59.36	37.335+a+b

FOOTNOTES:

a. PAID HOLIDAYS: New Years Day; Memorial Day; Independence Day; Labor Day; Veterans' Day; Thanksgiving Day; the Friday after Thanksgiving Day; and Christmas Day.

b. Employer contributes 8% basic hourly rate for 5 years or more of service of 6% basic hourly rate for 6 months to 5 years of service as vacation pay credit.

ENGI0057-001 06/01/2023

	Rates	Fringes
Operating Engineer: (power plants, sewer treatment plants, pumping stations, tunnels, caissons, piers, docks, bridges, wind turbines, subterranean & other marine and heavy construction work)		
GROUP 1.	\$ 45.55	29.45
GROUP 2.	\$ 43.55	29.45

GROUP 3.....	\$ 39.17	29.45
GROUP 4.....	\$ 36.32	29.45
GROUP 5.....	\$ 42.60	29.45
GROUP 6.....	\$ 33.40	29.45
GROUP 7.....	\$ 27.40	29.45
GROUP 8.....	\$ 39.25	29.45
GROUP 9.....	\$ 43.17	29.45

a. BOOM LENGTHS, INCLUDING JIBS:

150 feet and over + \$ 2.00
180 feet and over + \$ 3.00
210 feet and over + \$ 4.00
240 feet and over + \$ 5.00
270 feet and over + \$ 7.00
300 feet and over + \$ 8.00
350 feet and over + \$ 9.00
400 feet and over + \$10.00

a. PAID HOLIDAYS:

New Year's Day, President's Day, Memorial Day, July Fourth, Victory Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. a: Any employee who works 3 days in the week in which a holiday falls shall be paid for the holiday.

a. FOOTNOTES:

Hazmat work: \$2.00 per hour additional.
Tunnel /Shaft work: \$5.00 per hour additional.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, lighters, boom trucks and derricks

GROUP 2: Digging machine, Ross Carrier, locomotive, hoist, elevator, bidwell-type machine, shot & water blasting machine, paver, spreader, graders, front end loader (3 yds. and over), vibratory hammer & vacuum truck, roadheaders, forklifts, economobile type equipment, tunnel boring machines, concrete pump and on site concrete plants.

GROUP 3: Oilers on cranes.

GROUP 4: Oiler on crawler backhoe.

GROUP 5: Bulldozer, bobcats, skid steer loader, tractor, scraper, combination loader backhoe, roller, front end loader (less than 3 yds.), street and mobile-powered sweeper (3-yd. capacity), 8-ft. sweeper minimum 65 HP).

GROUP 6: Well-point installation crew.

GROUP 7: Utility Engineers and Signal Persons

GROUP 8: Heater, concrete mixer, stone crusher, welding machine, generator and light plant, gas and electric driven pump and air compressor.

GROUP 9: Boat & tug operator.

* ENGI 0057-002 05/01/2023

	Rates	Fringes
Power Equipment Operator (highway construction projects; water and sewerline projects which are incidental to highway construction projects; and bridge projects that do not span water)		
GROUP 1.....	\$ 40.70	29.25
GROUP 2.....	\$ 33.40	29.25
GROUP 3.....	\$ 20.00	29.25
GROUP 4.....	\$ 33.98	29.25
GROUP 5.....	\$ 37.68	29.25
GROUP 6.....	\$ 37.68	29.25
GROUP 7.....	\$ 32.95	29.25
GROUP 8.....	\$ 32.33	29.25
GROUP 9.....	\$ 34.28	29.25

a. FOOTNOTE: a. Any employee who works three days in the week in which a holiday falls shall be paid for the holiday.

a. PAID HOLIDAYS: New Year's Day, President's Day, Memorial Day, July Fourth, Victory Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day & Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Digging machine, crane, piledriver, lighter, locomotive, derrick, hoist, boom truck, John Henry's, directional drilling machine, cold planer, reclaimer, paver, spreader, grader, front end loader (3 yds. and over), vacuum truck, test boring machine operator, veemere saw, water blaster, hydro-demolition robot, forklift, economobile, Ross Carrier, concrete pump operator and boats

GROUP 2: Well point installation crew

GROUP 3: Utility engineers and signal persons

GROUP 4: Oiler on cranes

GROUP 5: Combination loader backhoe, front end loader (less than 3 yds.), forklift, bulldozers & scrapers and boats

GROUP 6: Roller, skid steer loaders, street sweeper

GROUP 7: Gas and electric drive heater, concrete mixer, light plant, welding machine, pump & compressor

GROUP 8: Stone crusher

GROUP 9: Mechanic & welder

ENGI 0057-003 06/01/2023

BUILDING CONSTRUCTION

	Rates	Fringes
Power Equipment Operator		
GROUP 1.....	\$ 44.82	29.90
GROUP 2.....	\$ 42.82	29.90
GROUP 3.....	\$ 42.60	29.90
GROUP 4.....	\$ 38.60	29.90
GROUP 5.....	\$ 35.75	29.90
GROUP 6.....	\$ 41.90	29.90
GROUP 7.....	\$ 41.47	29.90
GROUP 8.....	\$ 38.79	29.90

a. BOOM LENGTHS, INCLUDING JIBS:

150 ft. and over: + \$ 2.00
180 ft. and over: + \$ 3.00
210 ft. and over: + \$ 4.00
240 ft. and over: + \$ 5.00
270 ft. and over: + \$ 7.00
300 ft. and over: + \$ 8.00
350 ft. and over: + \$ 9.00
400 ft. and over: + \$10.00

a. PAID HOLIDAYS: New Year's Day, President's Day, Memorial Day, July Fourth, Victory Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day & Christmas Day. a: Any employee who works 3 days in the week in which a holiday falls shall be paid for the holiday.

a. FOOTNOTE: Hazmat work: \$2.00 per hour additional.
Tunnel /Shaft work: \$5.00 per hour additional.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, lighters, boom trucks and derricks.

GROUP 2: Digging machine, Ross carrier, locomotive, hoist, elevator, bidwell-type machine, shot & water blasting machine, paver, spreader, front end loader (3 yds. and over), vibratory hammer and vacuum truck

GROUP 3: Telehandler equipment, forklift, concrete pump & on-site concrete plant

GROUP 4: Fireman & oiler on cranes

GROUP 5: Oiler on crawler backhoe

GROUP 6: Bulldozer, skid steer loaders, bobcats, tractor, grader, scraper, combination loader backhoe, roller, front end loader (less than 3 yds.), street and mobile powered sweeper (3 yds. capacity), 8-ft. sweeper (minimum 65 hp)

GROUP 7: Well point installation crew

GROUP 8: Heater, concrete mixer, stone crusher, welding machine, generator for light plant, gas and electric driven pump & air compressor

IRON0037-001 03/16/2023

	Rates	Fringes
IRONWORKER.....	\$ 39.50	32.08

LAB00271-001 11/27/2022

BUILDING CONSTRUCTION

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 35.50	26.85
GROUP 2.....	\$ 35.75	26.85
GROUP 3.....	\$ 36.25	26.85
GROUP 4.....	\$ 36.50	26.85
GROUP 5.....	\$ 37.50	26.85

LABORERS CLASSIFICATIONS

GROUP 1: Laborer, Carpenter Tender, Mason Tender, Cement Finisher Tender, Scaffold Erector, Wrecking Laborer, Asbestos Removal [Non-Mechanical Systems]

GROUP 2: Asphalt Raker, Adzemen, Pipe Trench Bracer, Demolition Burner, Chain Saw Operator, Fence & Guard Rail Erector, Setter of Metal Forms for Roadways, Mortar Mixer, Pipelayer, Riprap & Dry Stonewall Builder, Highway Stone

Spreader, Pneumatic Tool Operator, Wagon Drill Operator, Tree Trimmer, Barco-Type Jumping Tamper, Mechanical Grinder Operator

GROUP 3: Pre-Cast Floor & Roof Plank Erectors

GROUP 4: Air Track Operator, Hydraulic & Similar Self-Powered Drill, Block Paver, Rammer, Curb Setter, Powderman & Blaster

GROUP 5: Toxic Waste Remover

LABORERS CLASSIFICATIONS

GROUP 1: Laborer, Carpenter Tender, Mason Tender, Cement Finisher Tender, Scaffold Erector, Wrecking Laborer, Asbestos Removal [Non-Mechanical Systems]

GROUP 2: Asphalt Raker, Adzemen, Pipe Trench Bracer, Demolition Burner, Chain Saw Operator, Fence & Guard Rail Erector, Setter of Metal Forms for Roadways, Mortar Mixer, Pipelayer, Riprap & Dry Stonewall Builder, Highway Stone Spreader, Pneumatic Tool Operator, Wagon Drill Operator, Tree Trimmer, Barco-Type Jumping Tamper, Mechanical Grinder Operator

GROUP 3: Pre-Cast Floor & Roof Plank Erectors

GROUP 4: Air Track Operator, Hydraulic & Similar Self-Powered Drill, Block Paver, Rammer, Curb Setter, Powderman & Blaster

GROUP 5: Toxic Waste Remover

LAB00271-002 11/27/2022

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
LABORER		
COMPRESSED AIR		
Group 1.....	\$ 55.40	24.15
Group 2.....	\$ 52.93	24.15
Group 3.....	\$ 42.45	24.15
FREE AIR		
Group 1.....	\$ 44.05	24.15
Free Air		
Group 1.....	\$ 46.00	24.15
FREE AIR		
Group 2.....	\$ 43.05	24.15
Free Air		
Group 2.....	\$ 45.00	24.15
FREE AIR		
Group 3.....	\$ 40.50	24.15

Free Air		
Group 3.....	\$ 42.45	24.15
LABORER		
Group 1.....	\$ 35.50	24.85
Group 2.....	\$ 35.75	24.85
Group 3.....	\$ 36.50	24.85
Group 4.....	\$ 29.00	24.85
Group 5.....	\$ 37.50	24.85
OPEN AIR CAISSON, UNDERPINNING WORK AND BORING CREW		
Bottom Man.....	\$ 41.50	24.15
Top Man & Laborer.....	\$ 35.60	24.15
TEST BORING		
Driller.....	\$ 41.95	24.15
Laborer.....	\$ 41.95	24.15
LABORER CLASSIFICATIONS		

GROUP 1: Laborer; Carpenter tender; Cement finisher tender;
Wrecking laborer; Asbestos removers [non-mechanical systems];
Plant laborer; Driller in quarries

GROUP 2: Adzperson; Asphalt raker; Barcotype jumping tamper;
Chain saw operators; Concrete and power buggy operator;
Concrete saw operator; Demolition burner; Fence and guard rail
erector; Highway stone spreader; Laser beam operator;
Mechanical grinder operator; Mason tender; Mortar mixer;
Pneumatic tool operator; Riprap and dry stonewall builder;
Scaffold erector; Setter of metal forms for roadways; Wagon
drill operator; Wood chipper operator; Pipelayer; Pipe trench
bracer

GROUP 3: Air track drill operator; Hydraulic and similar
powered drills; Brick paver; Block paver; Rammer and curb
setter; Powderperson and blaster

GROUP 4: Flagger & signaler

GROUP 5: Toxic waste remover

LABORER - COMPRESSED AIR CLASSIFICATIONS

GROUP 1: Mucking machine operator, tunnel laborer, brake
person, track person, miner, grout person, lock tender, gauge
tender, miner: motor person & all others in compressed air

GROUP 2: Change house attendant, powder watchperson, top
person on iron

GROUP 3: Hazardous waste work within the ""HOT"" zone

LABORER - FREE AIR CLASSIFICATIONS

GROUP 1: Grout person - pumps, brake person, track person, form mover & stripper (wood & steel), shaft laborer, laborer topside, outside motorperson, miner, conveyor operator, miner welder, heading motorperson, erecting operator, mucking machine operator, nozzle person, rodperson, safety miner, shaft & tunnel, steel & rodperson, mole nipper, concrete worker, form erector (wood, steel and all accessories), cement finisher (this type of work only), top signal person, bottom person (when heading is 50' from shaft), burner, shield operator and TBM operator

GROUP 2: Change house attendant, powder watchperson

GROUP 3: Hazardous waste work within the ""HOT"" zone

LABORER CLASSIFICATIONS

GROUP 1: Laborer; Carpenter tender; Cement finisher tender; Wrecking laborer; Asbestos removers [non-mechanical systems]; Plant laborer; Driller in quarries

GROUP 2: Adzeperson; Asphalt raker; Barcotype jumping tamper; Chain saw operators; Concrete and power buggy operator; Concrete saw operator; Demolition burner; Fence and guard rail erector; Highway stone spreader; Laser beam operator; Mechanical grinder operator; Mason tender; Mortar mixer; Pneumatic tool operator; Riprap and dry stonewall builder; Scaffold erector; Setter of metal forms for roadways; Wagon drill operator; Wood chipper operator; Pipelayer; Pipe trench bracer

GROUP 3: Air track drill operator; Hydraulic and similar powered drills; Brick paver; Block paver; Rammer and curb setter; Powderperson and blaster

GROUP 4: Flagger & signaler

GROUP 5: Toxic waste remover

LABORER - COMPRESSED AIR CLASSIFICATIONS

GROUP 1: Mucking machine operator, tunnel laborer, brake person, track person, miner, grout person, lock tender, gauge tender, miner: motor person & all others in compressed air

GROUP 2: Change house attendant, powder watchperson, top person on iron

GROUP 3: Hazardous waste work within the ""HOT"" zone

LABORER - FREE AIR CLASSIFICATIONS

GROUP 1: Grout person - pumps, brake person, track person, form mover & stripper (wood & steel), shaft laborer, laborer topside, outside motorperson, miner, conveyor operator, miner welder, heading motorperson, erecting operator, mucking machine operator, nozzle person, rodperson, safety miner, shaft & tunnel, steel & rodperson, mole nipper, concrete worker, form erector (wood, steel and all accessories), cement finisher (this type of work only), top signal person, bottom person (when heading is 50' from shaft), burner, shield operator and TBM operator

GROUP 2: Change house attendant, powder watchperson

GROUP 3: Hazardous waste work within the ""HOT"" zone

 PAIN0011-005 06/01/2023

	Rates	Fringes
PAINTER		
Brush and Roller.....	\$ 37.62	22.85
Epoxy, Tanks, Towers, Swing Stage & Structural Steel.....	\$ 39.62	22.85
Spray, Sand & Water Blasting.....	\$ 40.62	22.85
Taper.....	\$ 38.37	22.85
Wall Coverer.....	\$ 38.12	22.85

 PAIN0011-006 06/01/2022

	Rates	Fringes
GLAZIER.....	\$ 40.78	23.40

FOOTNOTES:

SWING STAGE: \$1.00 per hour additional.

PAID HOLIDAYS: Labor Day & Christmas Day.

 PAIN0011-011 06/01/2023

	Rates	Fringes
Painter (Bridge Work).....	\$ 56.25	23.45

 PAIN0035-008 06/01/2011

	Rates	Fringes
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Sign Painter.....	\$ 24.79	13.72
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* PLAS0040-001 06/05/2023

BUILDING CONSTRUCTION

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 42.77	29.63

FOOTNOTE: Cement Mason: Work on free swinging scaffolds under 3 planks width and which is 20 or more feet above ground and any offset structure: \$.30 per hour additional.

* PLAS0040-002 07/01/2023

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 37.45	24.85

* PLAS0040-003 06/05/2023

	Rates	Fringes
PLASTERER.....	\$ 42.77	29.63

PLUM0051-002 02/27/2023

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 48.89	31.75

* ROOF0033-004 08/01/2023

	Rates	Fringes
ROOFER.....	\$ 50.03	33.69

SFRI0669-001 04/01/2023

	Rates	Fringes
SPRINKLER FITTER.....	\$ 47.55	32.27

SHEE0017-002 12/01/2020

	Rates	Fringes
Sheet Metal Worker.....	\$ 38.58	36.73

* TEAM0251-001 05/01/2023

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 29.71	34.602+A+B
GROUP 2.....	\$ 29.86	34.602+A+B
GROUP 3.....	\$ 29.91	34.602+A+B
GROUP 4.....	\$ 29.96	34.602+A+B
GROUP 5.....	\$ 30.06	34.602+A+B
GROUP 6.....	\$ 30.46	34.602+A+B
GROUP 7.....	\$ 30.66	34.602+A+B
GROUP 8.....	\$ 30.16	34.602+A+B
GROUP 9.....	\$ 30.41	34.602+A+B
GROUP 10.....	\$ 30.21	34.602+A+B

FOOTNOTES:

A. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, plus Presidents' Day, Columbus Day, Veteran's Day & V-J Day, providing the employee has worked at least one day in the calendar week in which the holiday falls.

B. Employee who has been on the payroll for 1 year or more but less than 5 years and has worked 150 Days during the last year of employment shall receive 1 week's paid vacation; 5 to 10 years - 2 weeks' paid vacation; 10 or more years - 3 week's paid vacation.

C. Employees on the seniority list shall be paid a one hundred dollar (\$100.00) bonus for every four hundred (400) hours worked, up to a maximum of five hundred dollars (\$500.00)

All drivers working on a defined hazard material job site shall be paid a premium of \$2.00 per hour over applicable rate.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Pick-up trucks, station wagons, & panel trucks

GROUP 2: Two-axle on low beds

GROUP 3: Two-axle dump truck

GROUP 4: Three-axle dump truck

GROUP 5: Four- and five-axle equipment

GROUP 6: Low-bed or boom trailer.

GROUP 7: Trailers when used on a double hook up (pulling 2 trailers)

GROUP 8: Special earth-moving equipment, under 35 tons

GROUP 9: Special earth-moving equipment, 35 tons or over

GROUP 10: Tractor trailer

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local),

a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date

for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U. S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

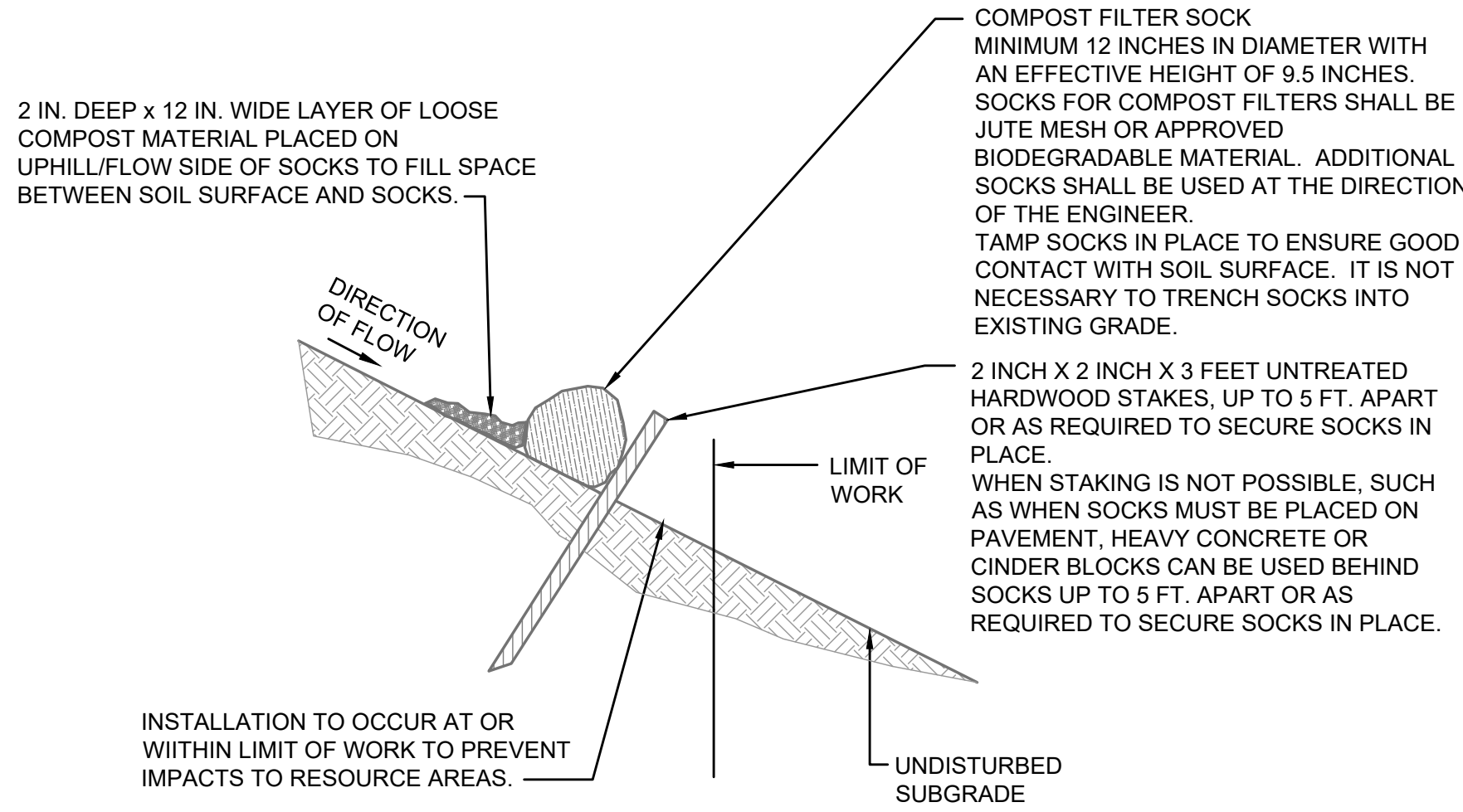
3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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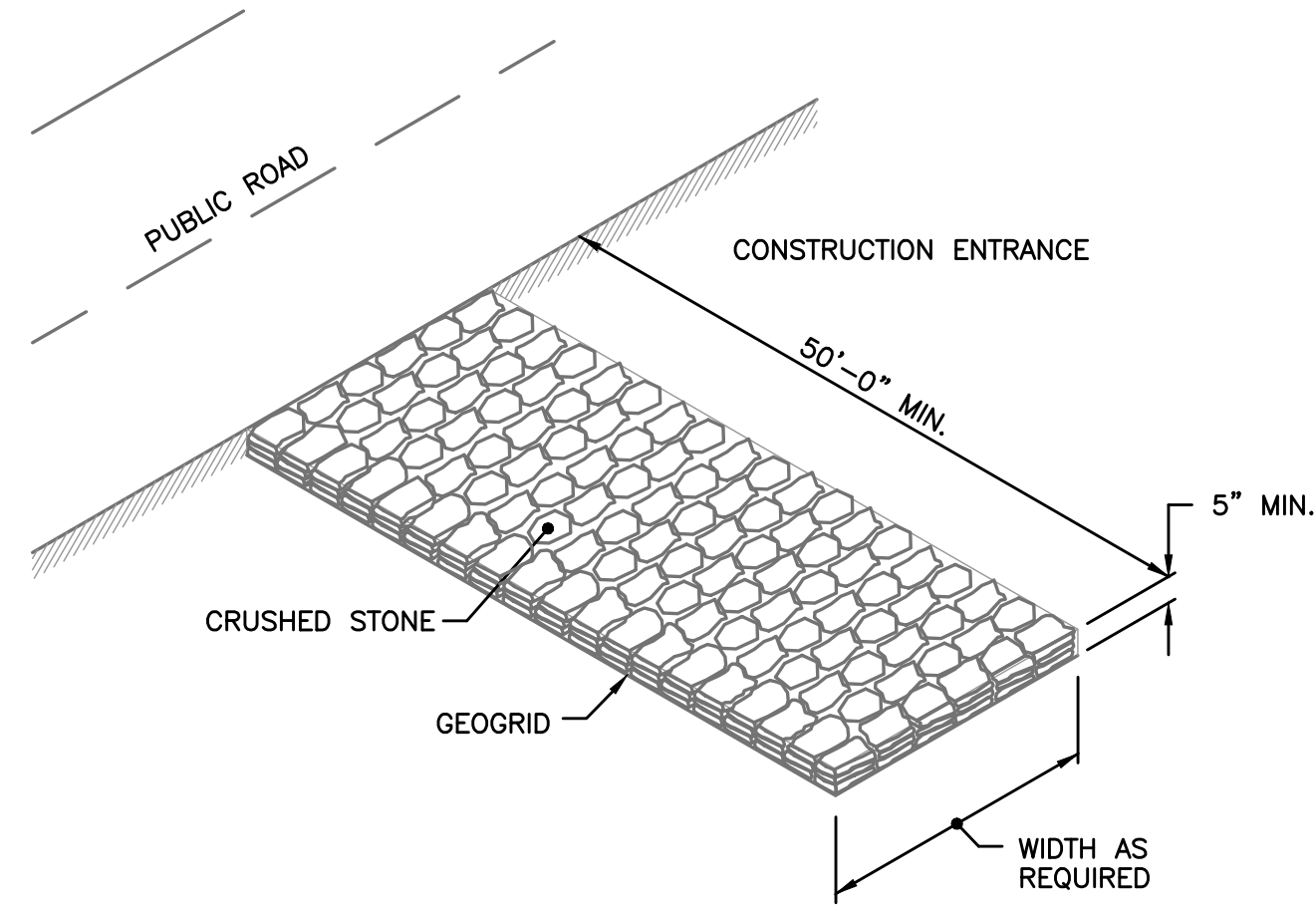
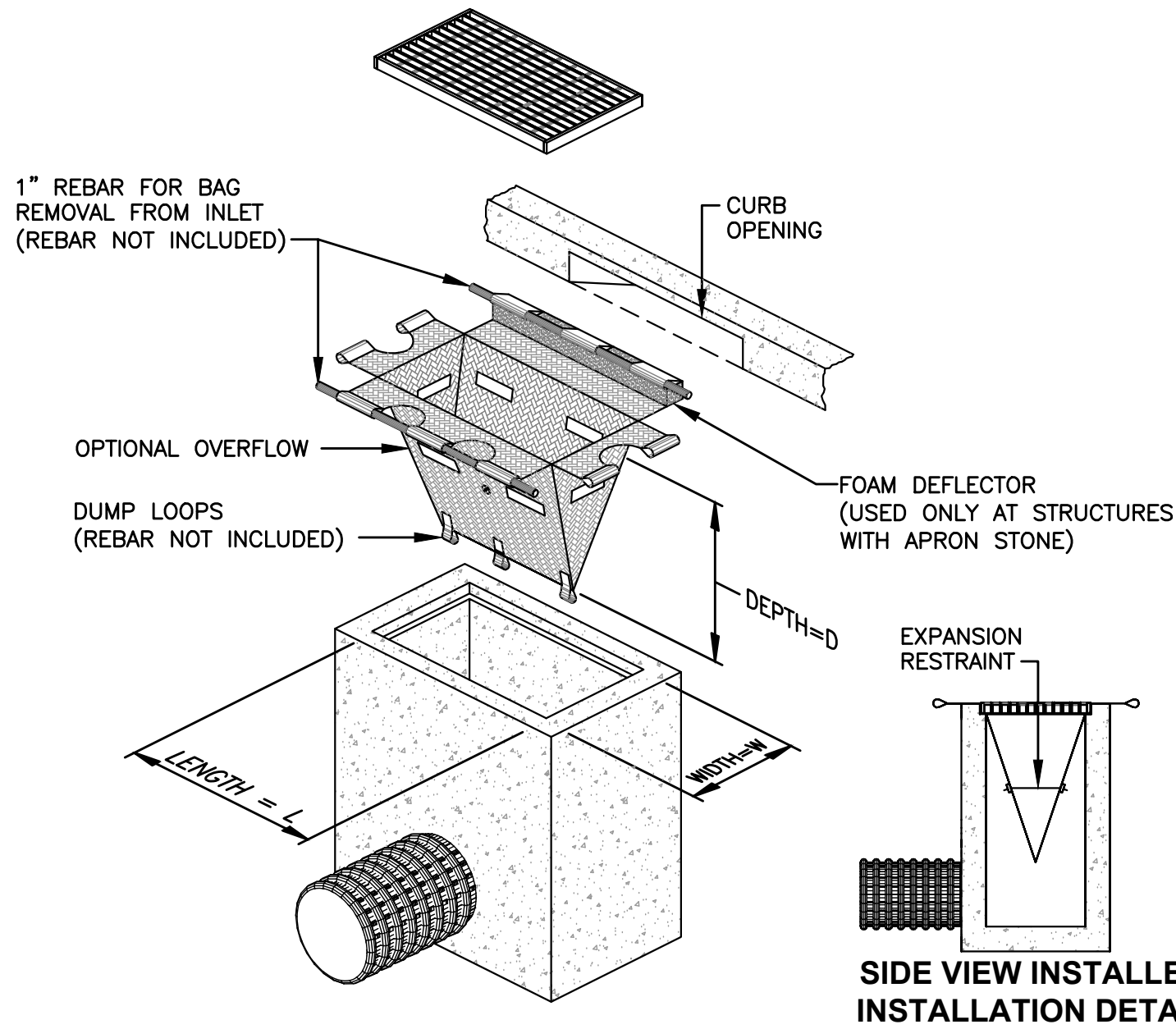
END OF GENERAL DECISION"



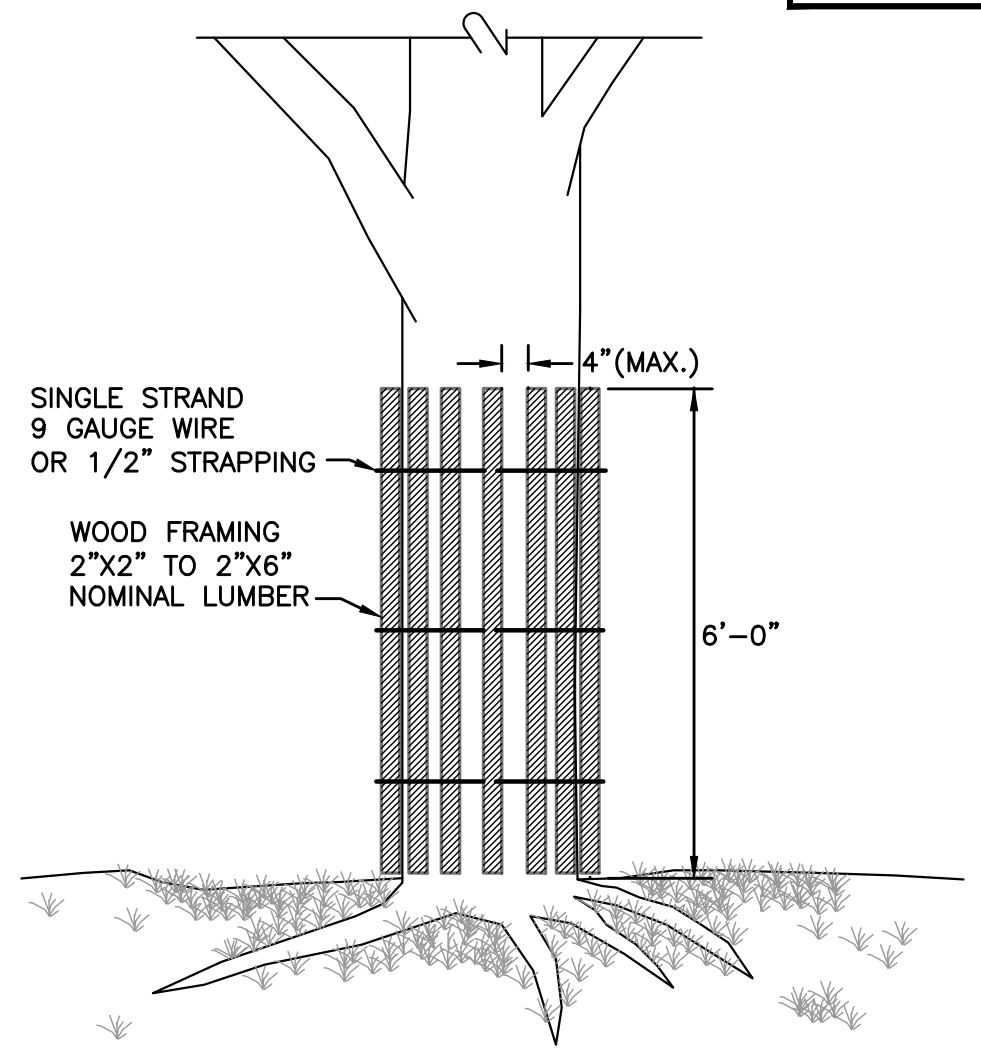
NOTES:

1. PROVIDE A MINIMUM SOCK DIAMETER OF 12 INCHES FOR SLOPES UP TO 50 FEET IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER SOCK DIAMETER OR ADDITIONAL COURSING OF FILTER SOCKS TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL SOCKS ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
4. CONFIGURE SOCKS AROUND EXISTING SITE FEATURES TO MINIMIZE SITE DISTURBANCE AND MAXIMIZE CAPTURE AREA OF STORMWATER RUN-OFF.

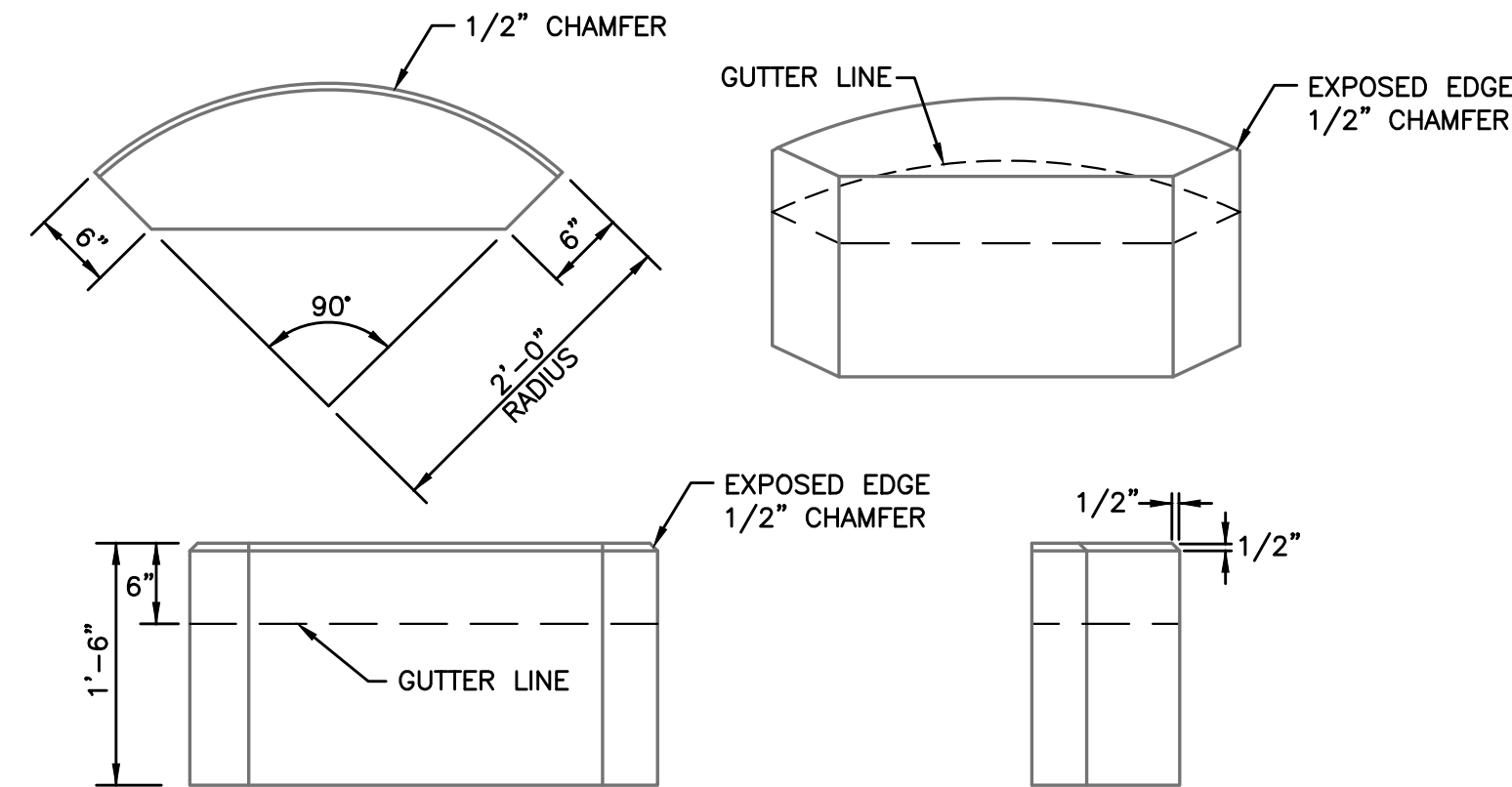
COMPOST FILTER SOCK (CFS)
NOT TO SCALE



CONSTRUCTION ACCESS
NOT TO SCALE



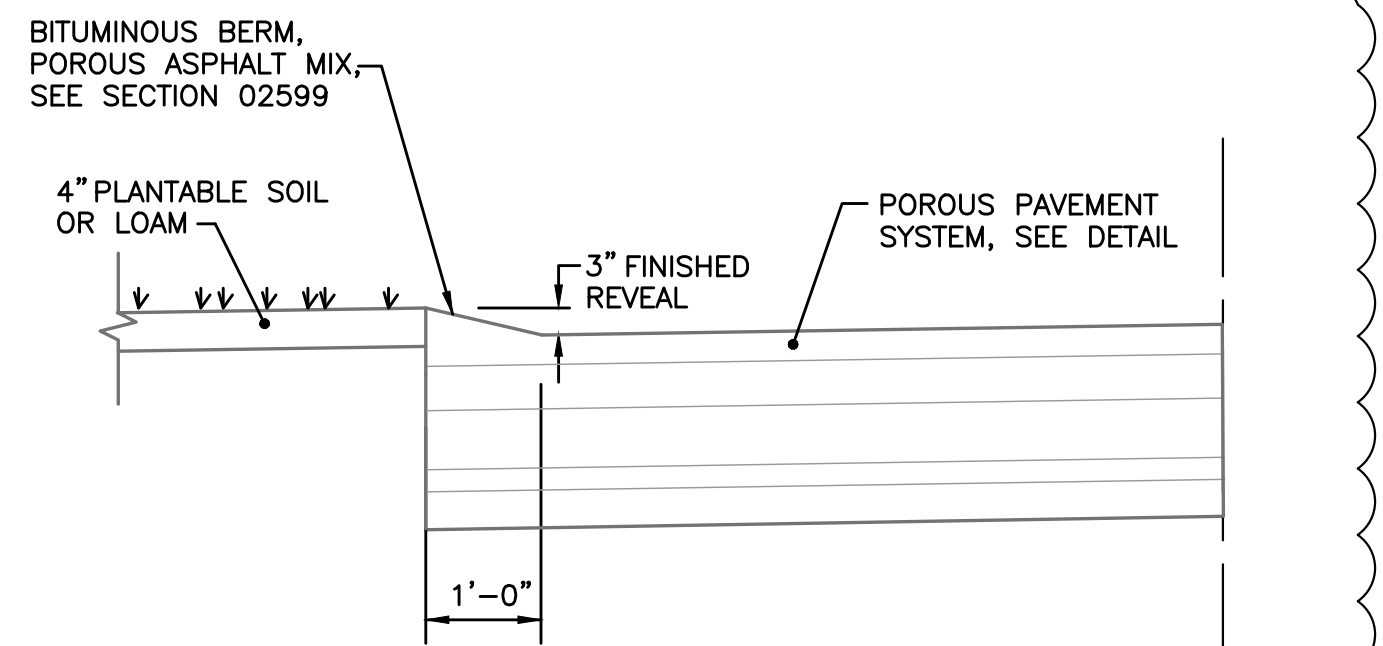
TREE PROTECTION DEVICE
NOT TO SCALE



NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.

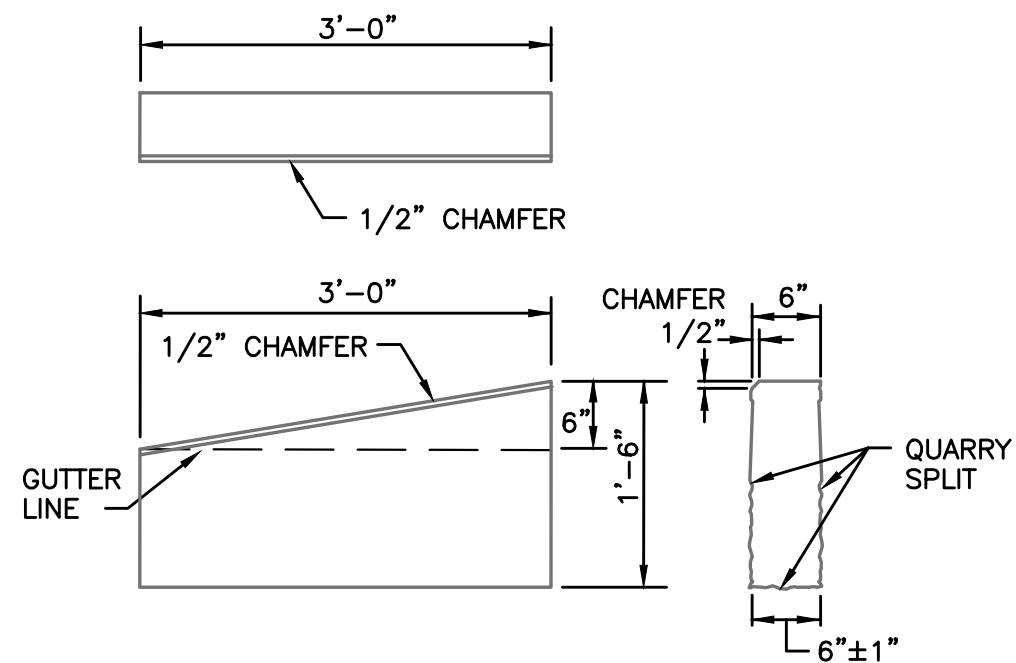
GRANITE 2'-0" RADIUS CORNER
NOT TO SCALE



NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. BITUMINOUS BERM SHALL BE PLACED AT THE SAME TIME THAT THE POROUS ASPHALT LAYER IS PLACED, IN THE SAME OPERATION.

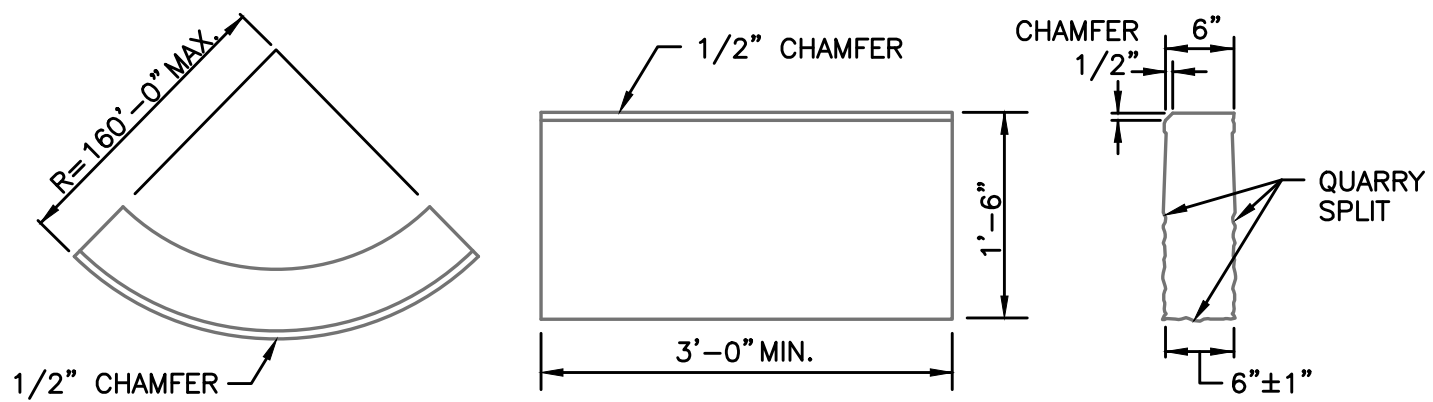
BITUMINOUS BERM
NOT TO SCALE



NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.

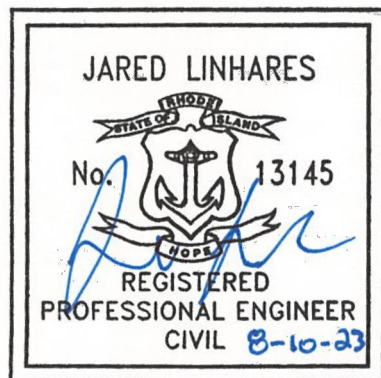
3'-0" GRANITE TRANSITION CURB
NOT TO SCALE



NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.
3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR PIECES TO BE 3'-0".
4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADIUS OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.

GRANITE CURB
NOT TO SCALE



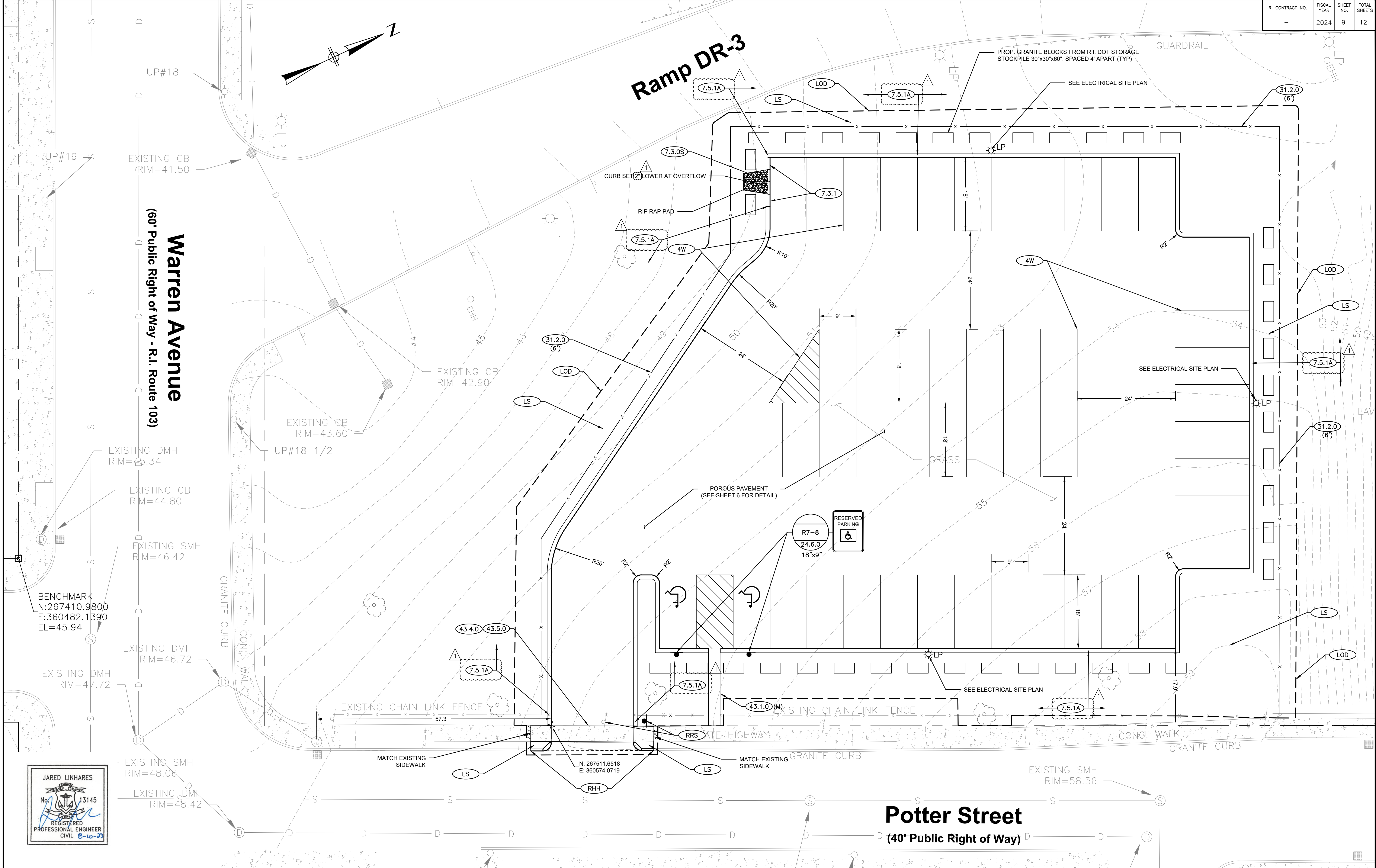
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 6
OF: 12

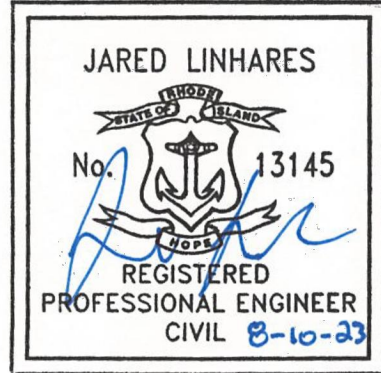
SCALE: NOT TO SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	8/23	JML			

POTTER STREET AT
WARREN AVENUE PARKING LOT
EAST PROVIDENCE
RHODE ISLAND
CONSTRUCTION DETAILS-1



FILE: N:\10357\10357 - POTTER STREET - EAST PROVIDENCE\DRAWINGFILES\PLANSET\10357_V1_011_CONS_PLAN.DWG PLOT DATE: 8/30/2023 8:04 AM



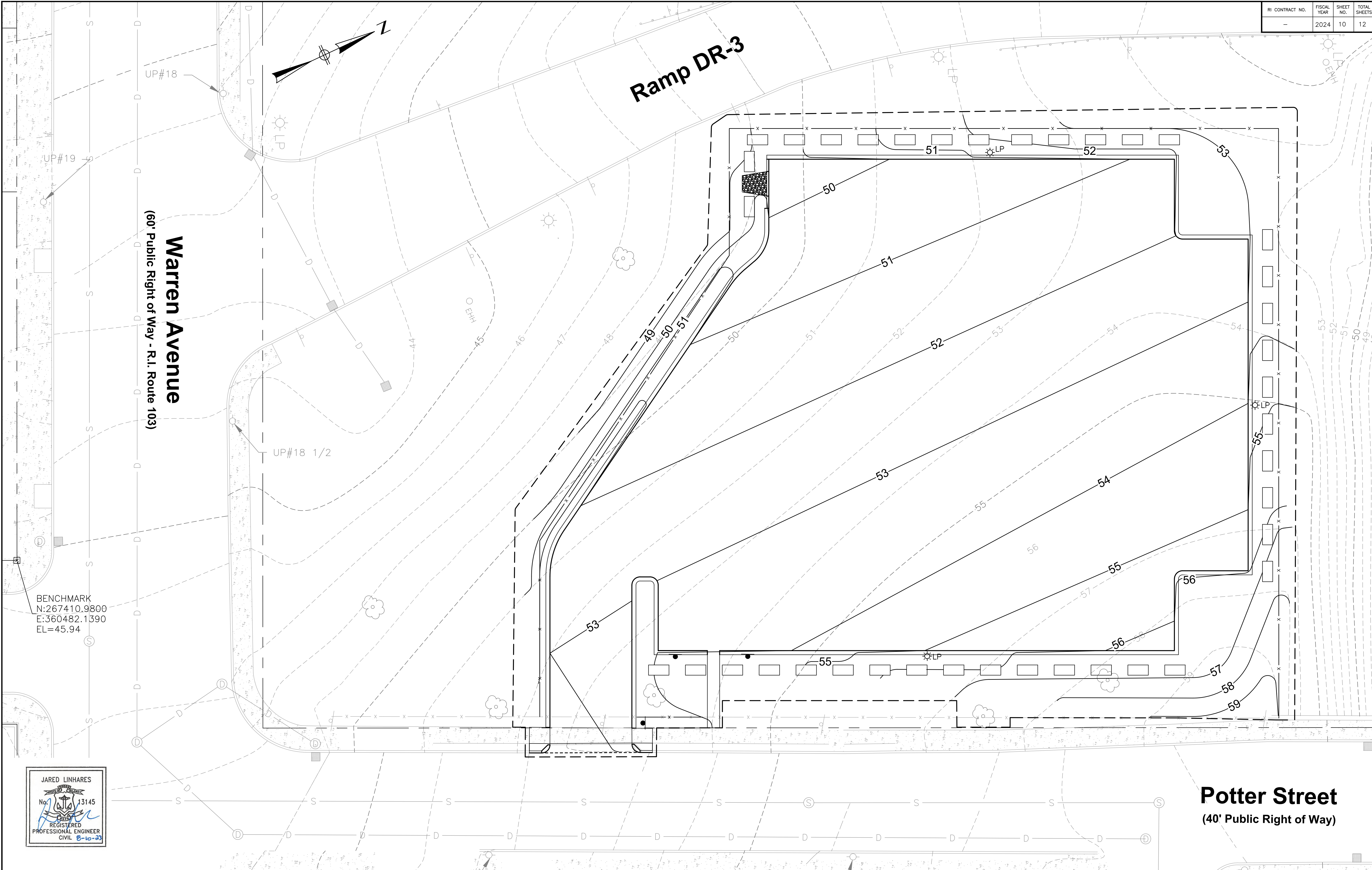
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 9
OF: 12

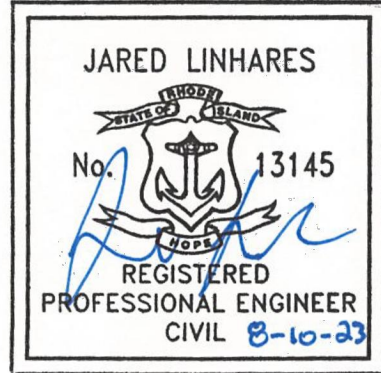
REVISIONS					
NO.	DATE	BY	NO.	DATE	BY
1	8/23	JML			

POTTER STREET AT
WARREN AVENUE PARKING LOT
EAST PROVIDENCE
RHODE ISLAND
CONSTRUCTION PLAN

FILE: N:\10357\10357 - POTTER STREET - EAST PROVIDENCE\DRAWINGFILES\PLANSET\10357_V1_012_GRA0 PLAN.DWG PLOT DATE: 8/30/2023 8:07 AM



RI CONTRACT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
-	2024	10	12



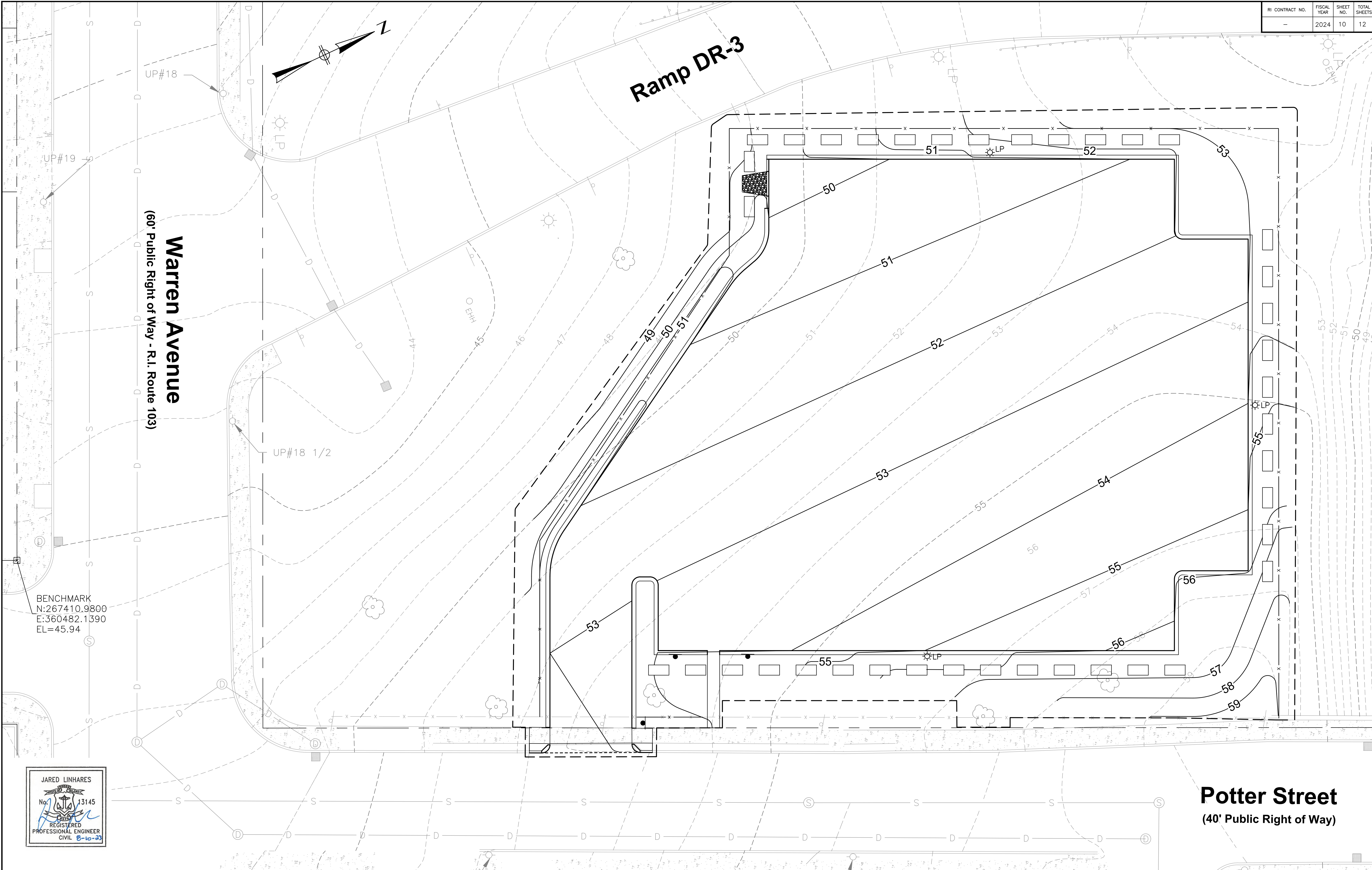
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 10
OF: 12

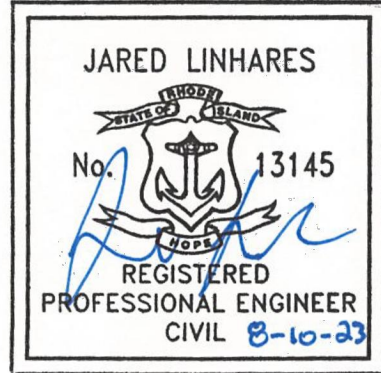
REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	8/23	JML			

POTTER STREET AT
WARREN AVENUE PARKING LOT
EAST PROVIDENCE
RHODE ISLAND
GRADING PLAN

FILE: N:\10357\10357 - POTTER STREET - EAST PROVIDENCE\DRAWINGFILES\PLANSET\10357_V1_012_GRA0 PLAN.DWG PLOT DATE: 8/30/2023 8:07 AM



RI CONTRACT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
-	2024	10	12



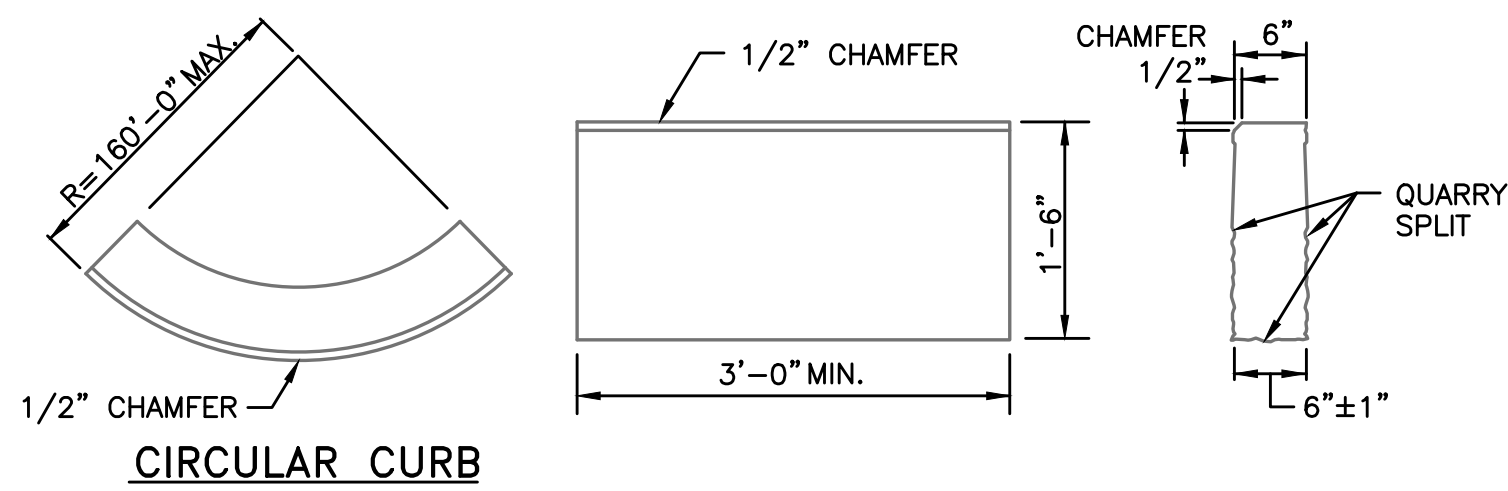
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 10
OF: 12

REVISIONS				REVISIONS			
NO.	DATE	BY		NO.	DATE	BY	
1	8/23	JML					

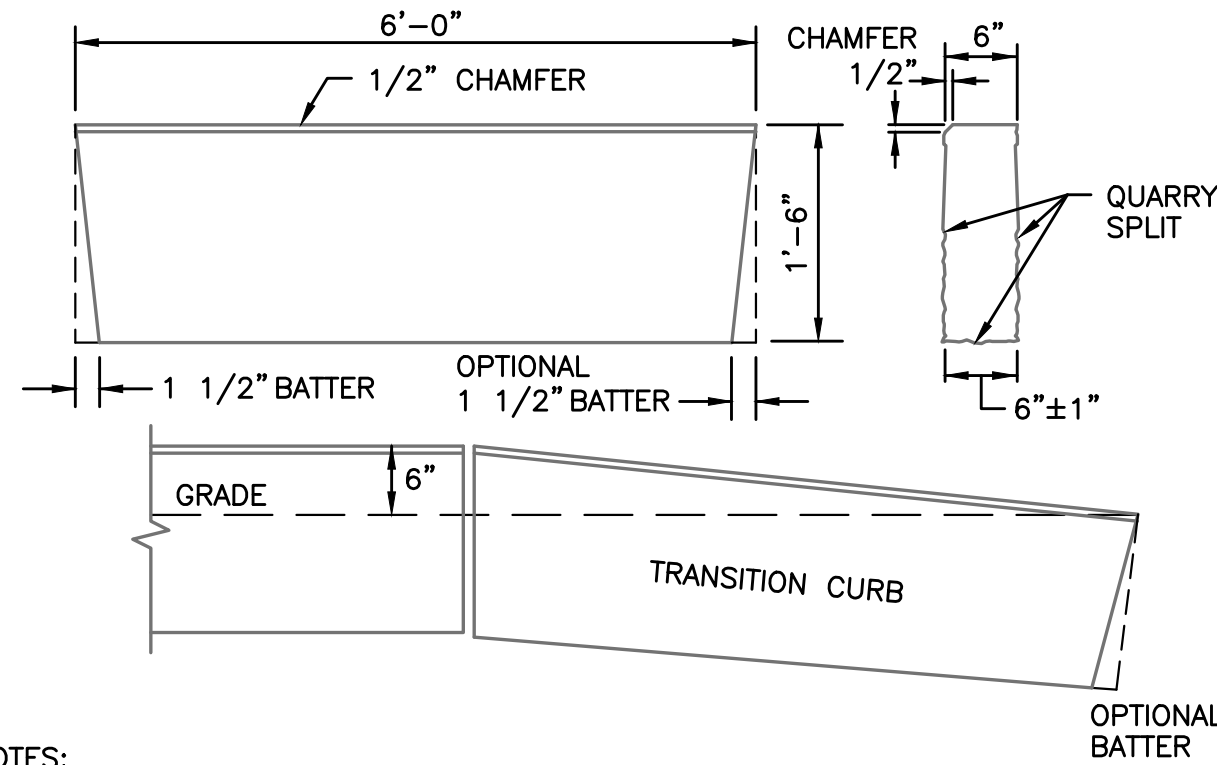
POTTER STREET AT
WARREN AVENUE PARKING LOT
EAST PROVIDENCE
RHODE ISLAND
GRADING PLAN

R.I. CONTRACT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
—	2024	7	11



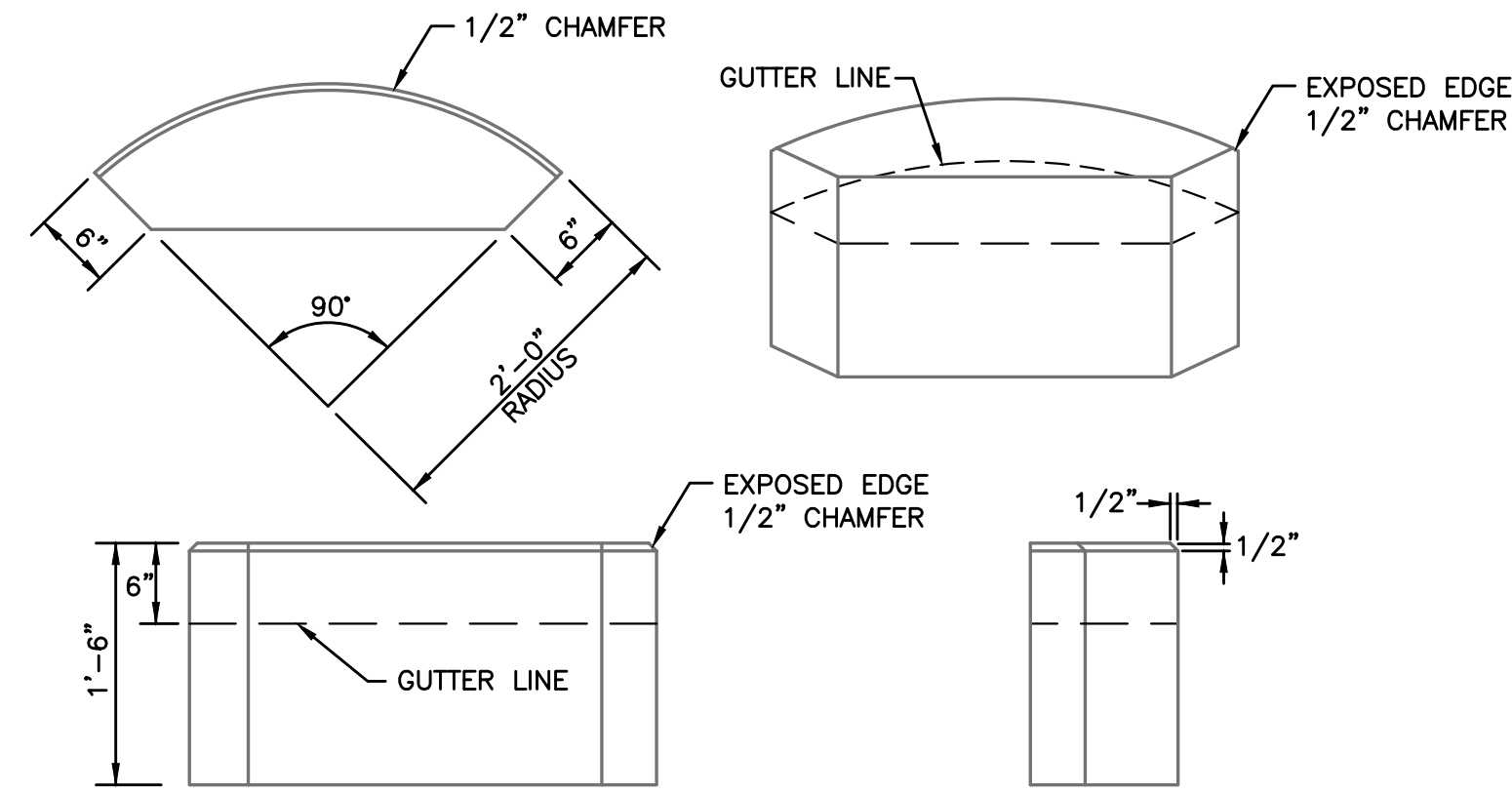
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.
 3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR PIECES TO BE 3'-0".
 4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.

GRANITE CURB
NOT TO SCALE



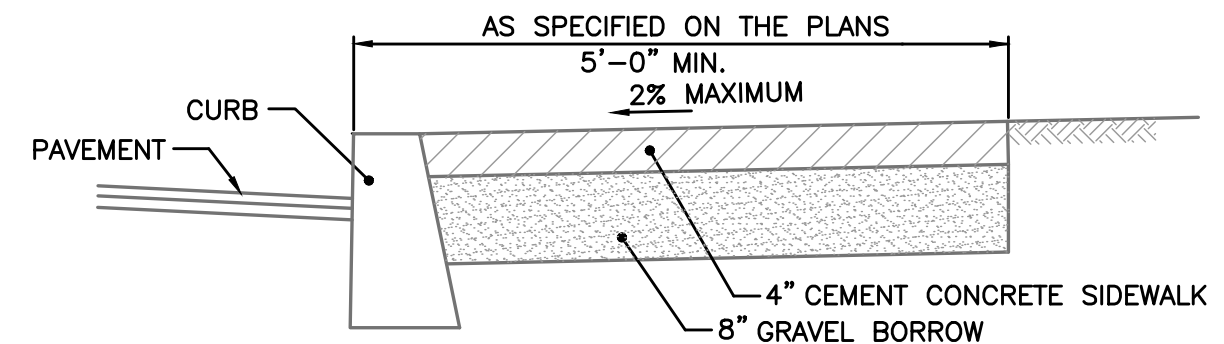
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. THE CONTRACTOR MAY CUT EXISTING CURB SECTIONS AS REQUIRED TO MEET THIS DETAIL AND THE R.I. STANDARD SPECIFICATIONS, WHERE OLD CURBING IS BEING REUSED.
 3. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.

6'-0" GRANITE TRANSITION CURB
NOT TO SCALE



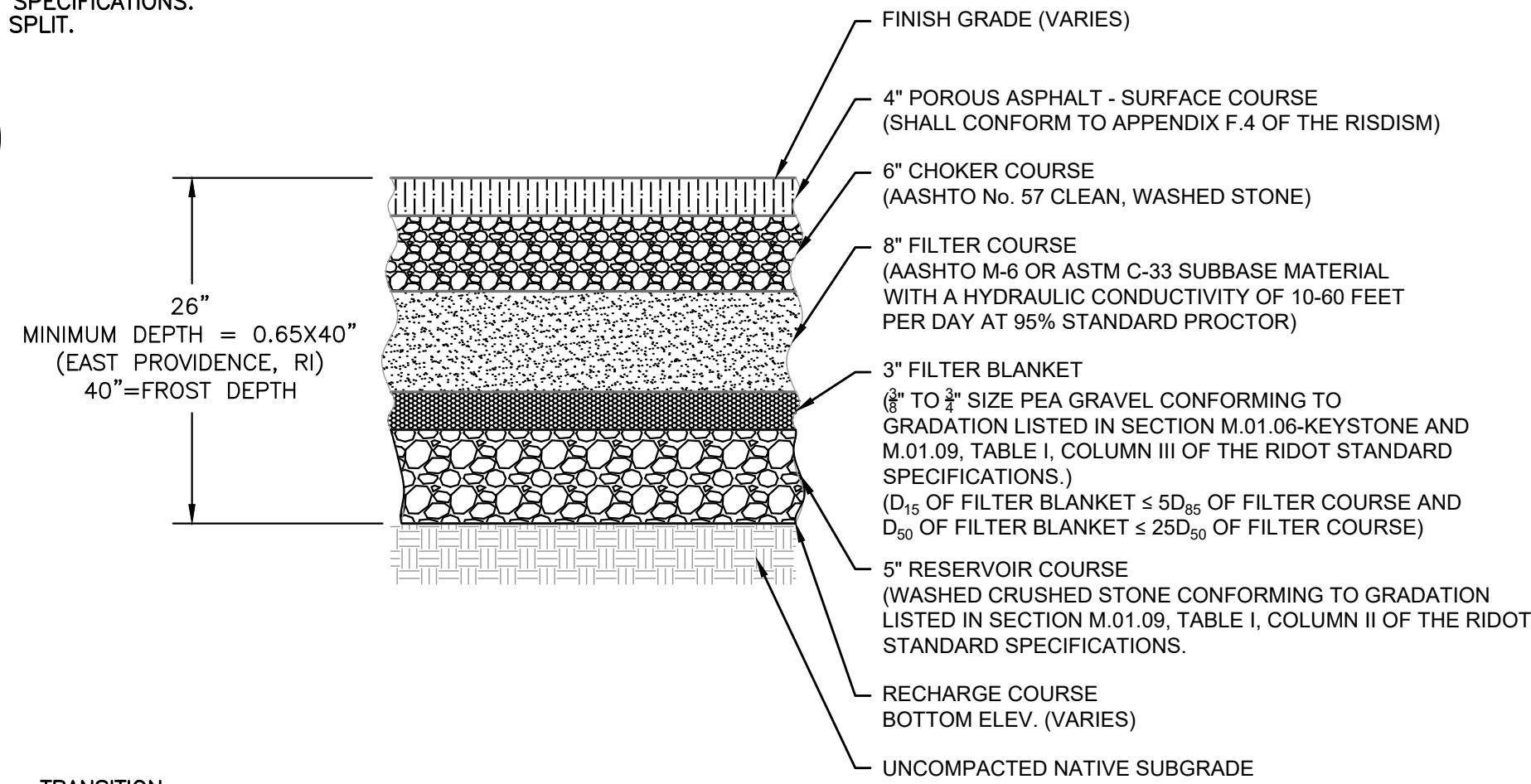
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.

GRANITE 2'-0" RADIUS CORNER
NOT TO SCALE

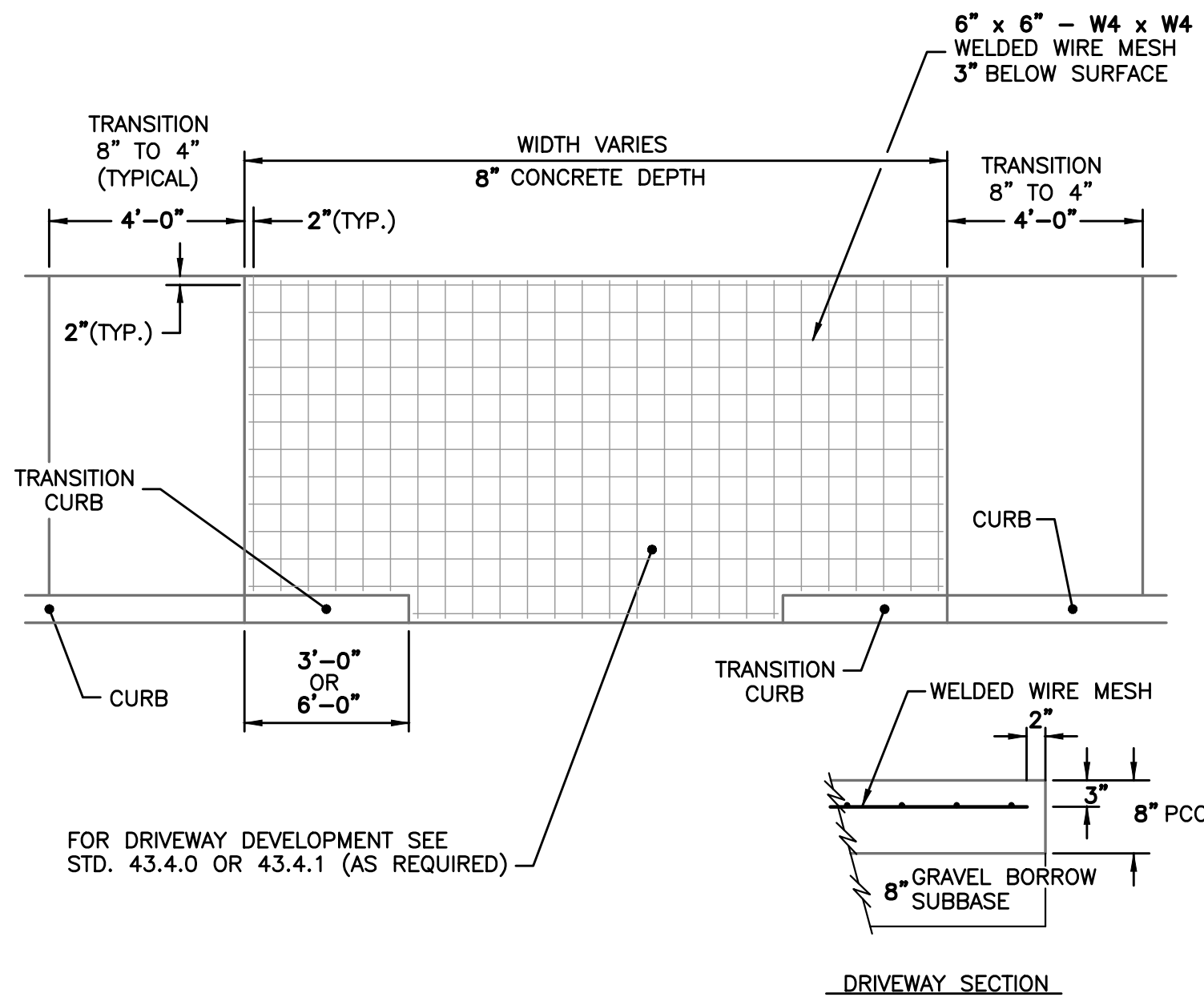


- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
 2. FOR CURB SETTING DETAIL REFERENCE STD. 7.6.0.

CEMENT CONCRETE SIDEWALK
NOT TO SCALE

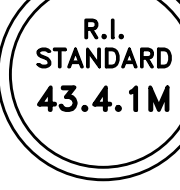


**POROUS PAVEMENT SYSTEM
TYPICAL CROSS SECTION**



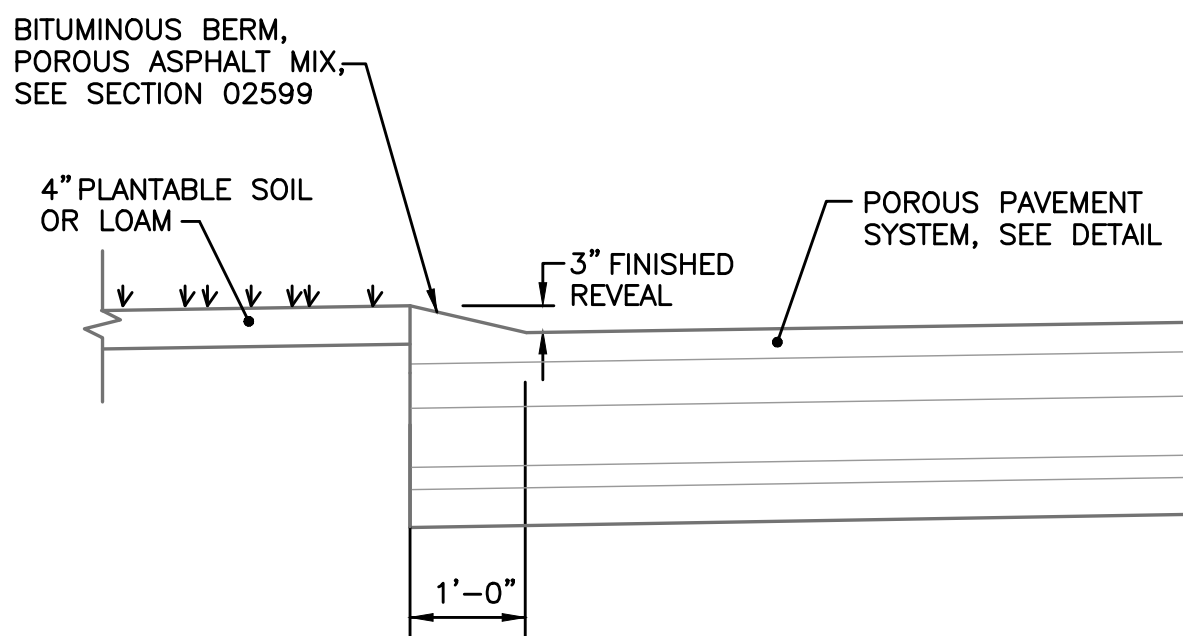
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 904 OF THE R.I. STANDARD SPECIFICATIONS.
 2. WHEN DRIVEWAY IS BELOW BACK EDGE OF SIDEWALK PROFILE, STD. 43.4.1 MUST BE USED.

**DRIVEWAY DEVELOPMENT FOR
6'-0" TRANSITION CURB**
NOT TO SCALE



- NOTE:**
1. SHALL BE IN ACCORDANCE WITH SECTION 904 OF THE R.I. STANDARD SPECIFICATIONS.

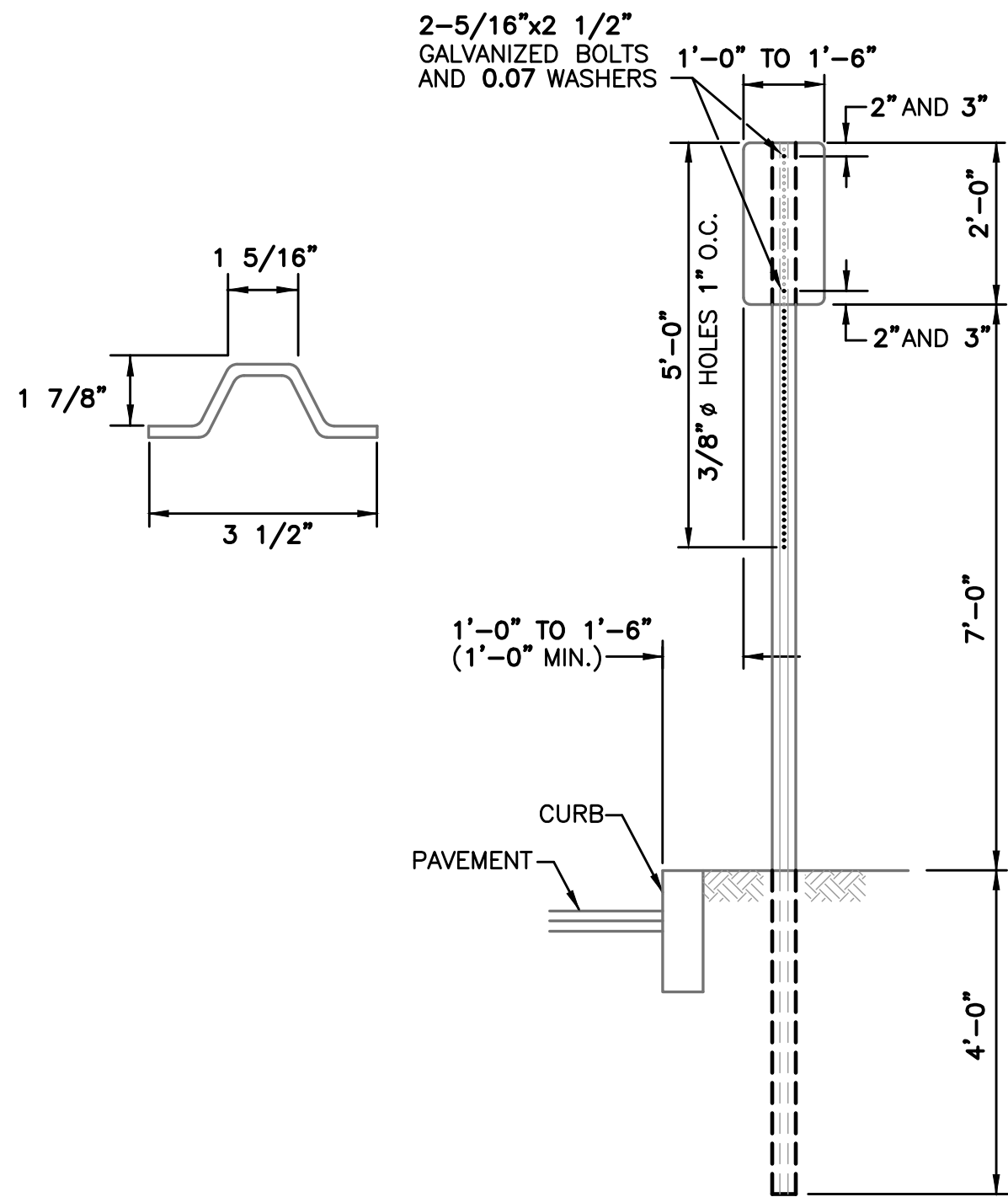
CEMENT CONCRETE DRIVEWAYS
NOT TO SCALE



CONSTRUCTION METHOD A

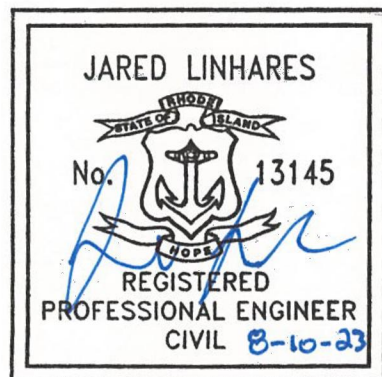
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. BITUMINOUS BERM SHALL BE PLACED AT THE SAME TIME THAT THE POROUS ASPHALT LAYER IS PLACED, IN THE SAME OPERATION.

BITUMINOUS BERM
NOT TO SCALE



- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION T.15 OF THE STANDARD SPECIFICATIONS.
 2. PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° WITH A LINE PARALLEL TO FLOW OF TRAFFIC, 1'-6" (1'-0" MIN.) FROM EDGE OF CURB FACE.

PARKING SIGN MOUNTING DETAIL
NOT TO SCALE



**RHODE ISLAND
DEPARTMENT OF TRANSPORTATION**

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 7
OF: 11

SCALE: NOT TO SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	8/23	JML			

EAST PROVIDENCE

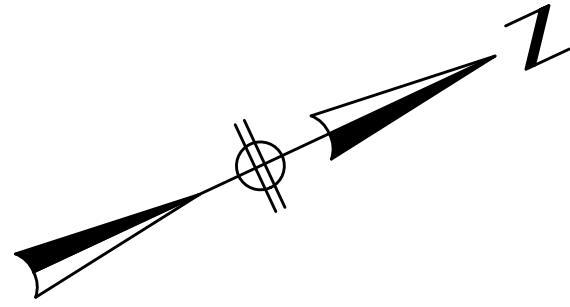
**BURGESS STREET AT
WARREN AVENUE PARKING LOT**

RHODE ISLAND

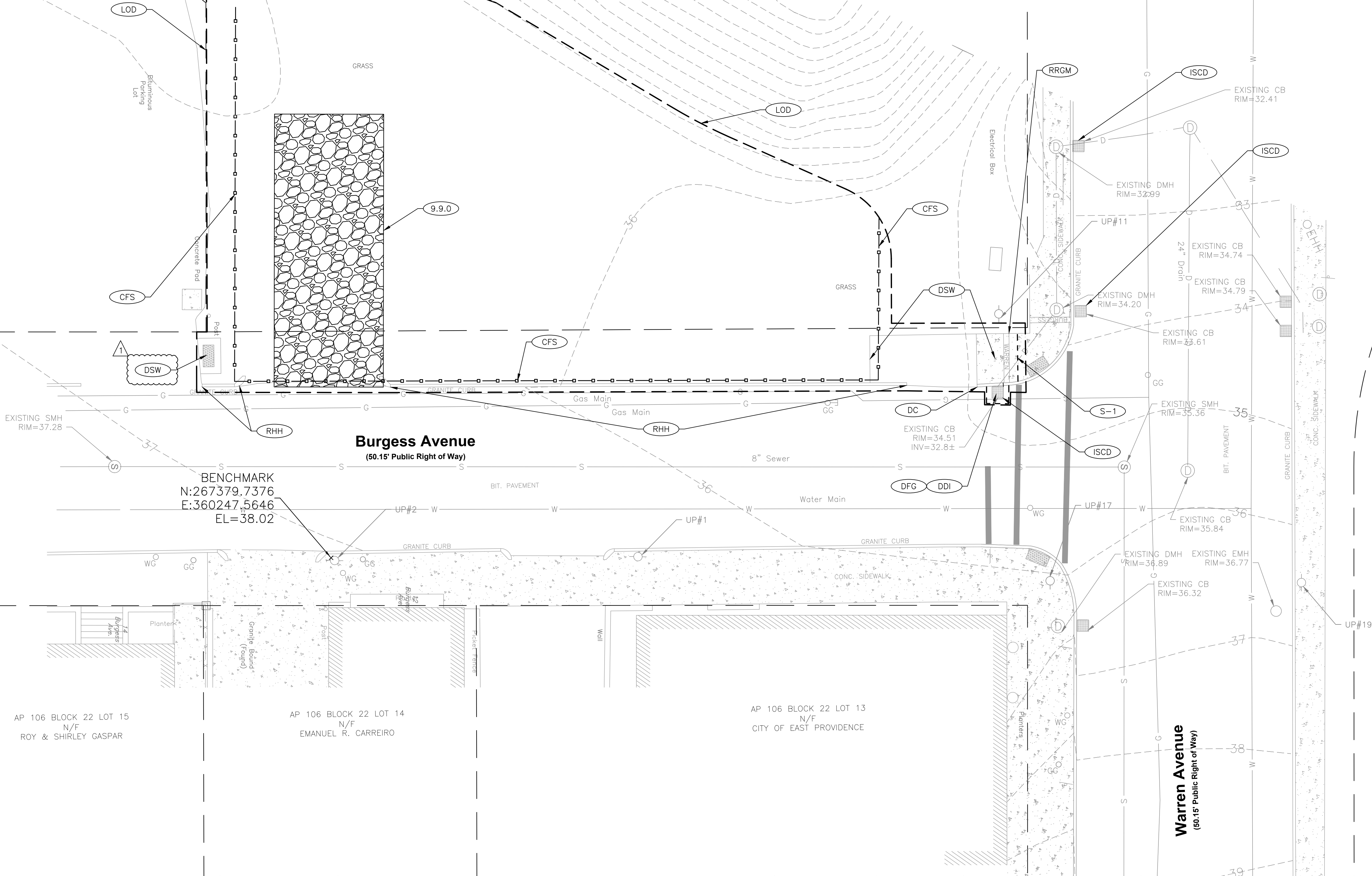
CONSTRUCTION DETAILS - 2

RI CONTRACT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
-	2024	8	11

NOTES:
1. CONTRACTOR RESPONSIBLE FOR STREET
SWEEPING MEASURES TO CONTROL SEDIMENT
TRACKING OFFSITE



AP 16 BLOCK 6 LOT 1
N/F
EAST PROVIDENCE PROPERTIES LLC



AP 106 BLOCK 22 LOT 16
N/F
ALBERTINA G. SILVA

AP 106 BLOCK 22 LOT 15
N/F
ROY & SHIRLEY GASPAR

AP 106 BLOCK 22 LOT 14
N/F
EMANUEL R. CARREIRO

AP 106 BLOCK 22 LOT 13
N/F
CITY OF EAST PROVIDENCE



RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

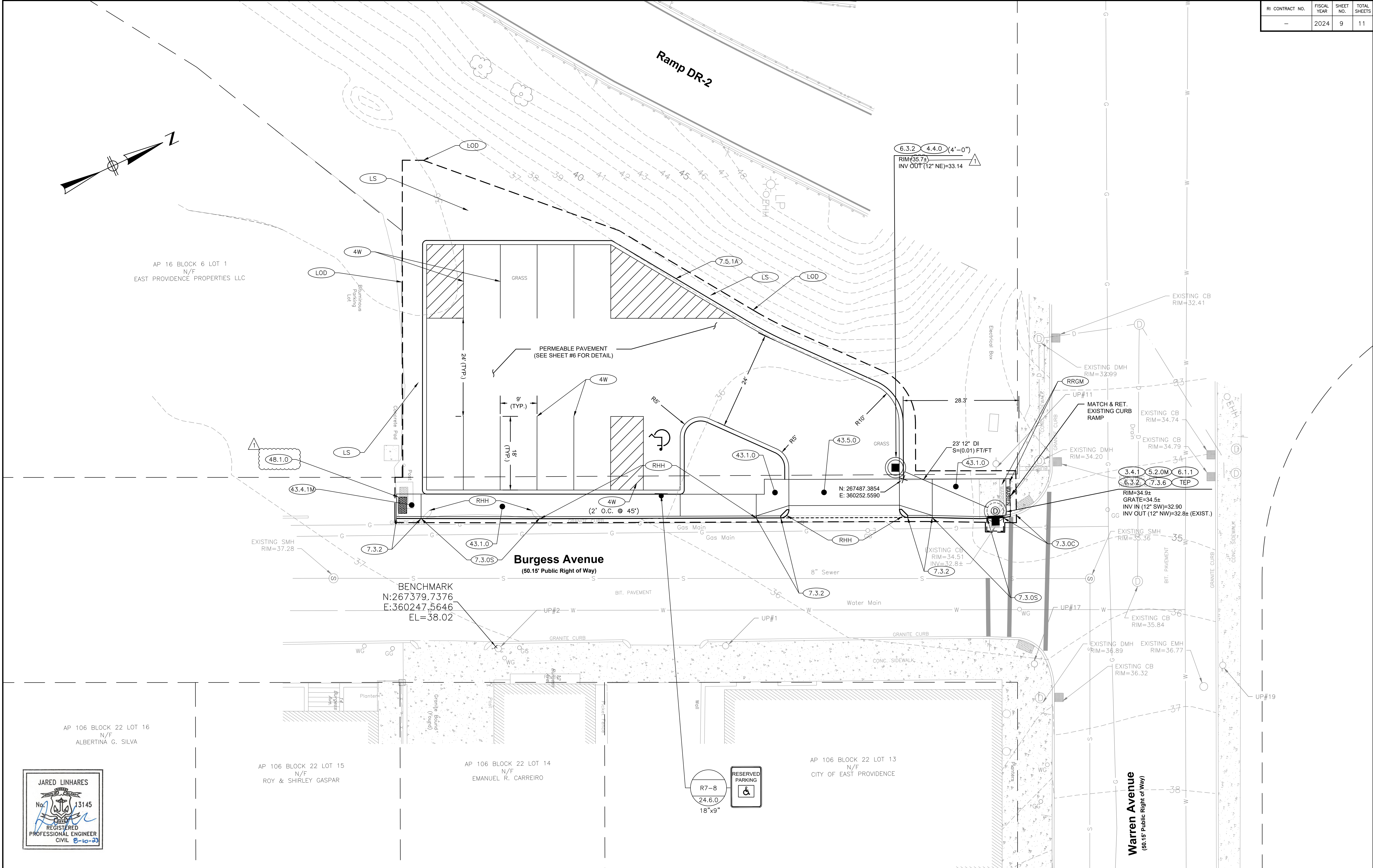
DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 8
OF: 11

REVISIONS				REVISIONS			
NO.	DATE	BY		NO.	DATE	BY	
1	8/23	JML					

**BURGESS STREET AT
WARREN AVENUE PARKING LOT**
EAST PROVIDENCE
RHODE ISLAND
SITE PREPARATION PLAN

RI CONTRACT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
-	2024	9	11

FILE: N:\10358 - BURGESS & FIRST STREET - EAST PROVIDENCE\BURGESS STREET DRAWING FILES\PLANSET\10358_V1_009_CONS PLANDWG PLOT DATE: 8/30/2023 7:59 AM



RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 9
OF: 11

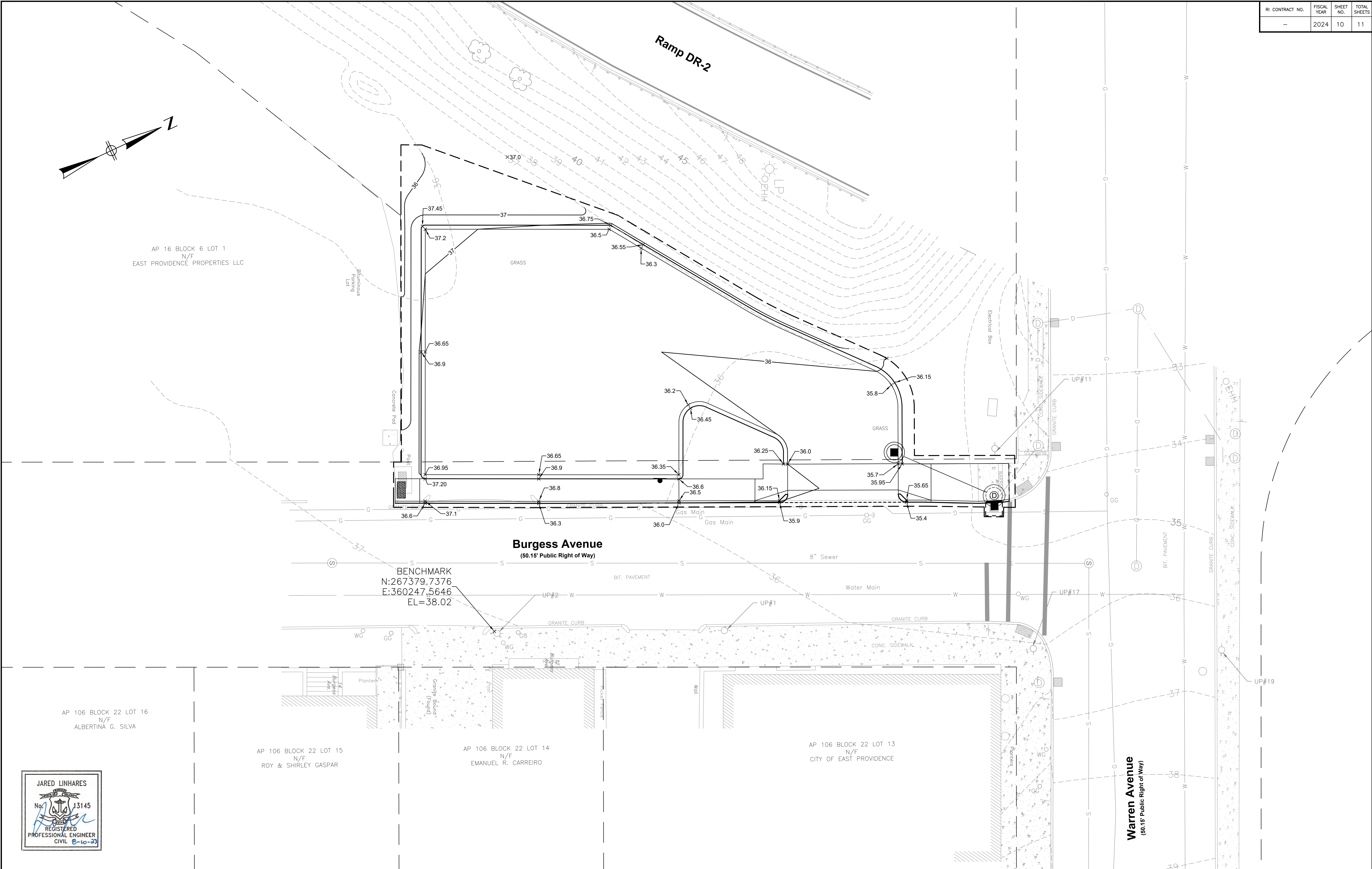
REVISIONS				REVISIONS			
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	8/23	JML					

**BURGESS STREET AT
WARREN AVENUE PARKING LOT**
EAST PROVIDENCE
RHODE ISLAND
CONSTRUCTION PLAN

10358_V1_009_CONS PLAN

RI CONTRACT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
-	2024	10	11

FILE: N:\10300\10358 - BURGESS & FIRST STREET - EAST PROVIDENCE\BURGESS STREET DRAWING FILES\PLANSET\10358_V1_010_GRAD_PLAN.DWG PLOT DATE: 8/10/2023 7:59 AM



RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: WAC
CHECKED BY: JML/KMA
DATE: 8/10/23
SHEET: 10
OF: 11

REVISIONS				REVISIONS			
NO.	DATE	BY		NO.	DATE	BY	
1	8/23	JML					

**BURGESS STREET AT
WARREN AVENUE PARKING LOT**
EAST PROVIDENCE
RHODE ISLAND
GRADING PLAN

CITY OF EAST PROVIDENCE, RI
POTTER STREET AND BURGESS STREET PARKING LOTS
EP22/23-29



PRE-BID CONFERENCE SIGN-IN SHEET

Attendee's Name	Company	Telephone Number	E-Mail Address
J. Milburn	East Const Const.	401 683 5454	SMR@EastConstConst.com
Brooke Delgado	D'AMBRA	401 616-7496	BROCKE@D-AMBRA.com
PETE DICKIE	PITMA Inc.	401 722-4488	PETE@PAWTUCKETPITMA.com
Jon TRAKAS	NARR. Imp. Co.	(401) 331-7420	jtrakas@nicori.com
Mike Cesaro	SiteTech Corp.	(401) 529-1385	mcesaro@sitetechnology.com
JARED LINHARES	BETA Group	401-333-2382	JLINHARES@BETA-INC.com