



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

July 21, 2008
Subject: **Portland**
Federal Project No: STP-1054(400)X
Pin No: 010544.00
Amendment No. 1

Dear Sir/Ms:

Make the following change to the Bid Document:

In the Bid Book (page 1), "NOTICE TO CONTRACTORS", **CHANGE** the basis of award to read as follows, "**The basis of award will be total of Sections 0001 and 0003.**" Make this change in pen and ink.

In the Bid Book (page 46) **REMOVE** "SPECIAL PROVISION, SECTION 107, TIME, (Limitation of Operations) and (Supplemental Liquidated Damages)" 1 page dated April 7, 2008 and **REPLACE** with the attached, new "SPECIAL PROVISION, SECTION 107, TIME, (Limitation of Operations) and (Supplemental Liquidated Damages)", 1 page dated July 17, 2008.

In the Bid Book (page 50), **REMOVE** "SPECIAL PROVISION, SECTION 304, AGGREGATE AND SUBBASE COURSE, (Aggregate Subbase)", 1 page dated August 31, 1995 and **REPLACE** with the attached, new "SPECIAL PROVISION, SECTION 304, AGGREGATE AND SUBBASE COURSE, (Aggregate Subbase)", 1 page dated July 17, 2008.

In the Bid Book (page 72), **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" and **REPLACE** with the attached, new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" dated July 18, 2008.

In the Bid Book (page 82), **REMOVE** "SPECIAL PROVISION, SECTION 604, MANHOLES AND CATCH BASINS, (Precast Concrete Tank)", 1 page dated April 3, 2008 and **REPLACE** with the attached, new "SPECIAL PROVISION, SECTION 604, MANHOLES AND CATCH BASINS, (Precast Concrete Tank)" 1 page dated July 17, 2008 and the two attached diagrams dated August 14, 2007.

In the Bid Book, after page 93 (Detectable Warning Details) **ADD** the attached "SPECIAL PROVISION, SECTION 609, CURBING, (Curbing – Removed and Stacked)"



PRINTED ON RECYCLED PAPER

In the Bid Book, **REMOVE** the page following page 102, a partial diagram depicting the Traffic Control Plan Detour Signing and **REPLACE** with the attached, complete Traffic Control Plan Detour Signing diagram.

In the Bid Book (page 7), 2.1 - Water Main, Basis of Payment: **ADD** the following after the last sentence on page 7 (177) "Basis of Payment shall also include aggregate subbase gravel" Make this change in pen and ink.

In the Bid book, page 216, City of Portland section, **Measurement and Payment**, after the last sentence, **ADD** the following "The Basis of Payment shall also include aggregate subbase gravel." Make this change in pen and ink.

In the Bid Book, after page 218, City of Portland section, **ADD** the attached diagram "SANITARY SEWER AND STORM DRAIN DESIGN STANDARDS".

In the Plans, Plan Sheet 58A, **NOTES**, **ADD** the following after note 10, "**11. Sand will be placed 12" all around the outside diameter of the water pipe.**" Make this change in pen and ink.

The following questions have been received:

Question: Is there a stripping plan available?

Response: Not at this time, one will be available for final striping and all striping was included in the estimate.

Question: SP 104 states that MCI and Verizon have underground facilities within the project limits but we cannot locate them on the plans?

Response: The only underground facility on the project is a MCI vault at station 1+198 Rt.

Question: Work in drives has the same symbol as incidental work shown from station 1+860 to 1+880. Is this work in driveways incidental also?

Response: The symbol used has nothing in common with drives. Work within drives was estimated using the Project pay items. Sta. 1+860 to 1+880 as the note indicates is incidental to the 403 items.

Question: Is the paving from station 1+860 to 1+880 incidental?

Response: No the payment for the pavement will be paid for under the appropriate 403 pay items. Removal of existing pavement and grading in this area are incidental to the 403 items.

Question: The Geotechnical Report states that the existing gravels are to be graded into the box cut section and then a uniform depth of gravel is to be placed over the entire roadway. If this is the case, please provide details and or description of this work and method of compensation.

Response: The statement in the Geotechnical Report is a recommendation. The project will be built according to Plans and Specs.

Question: How is the membrane waterproofing paid for?

Response: The membrane waterproofing will be considered incidental to item 534.

Question: Regarding Northern Utilities gas main and services:

- A. What is the working pressure of the main?
- B. When is the replacement scheduled?
- C. What will be the location from centerline of the new main?

Response: A. The Contractor needs to contact Northern Utilities per that specification.
B. Schedule is Contractor to start 2-3 weeks after award and take 6 weeks to finish.
C. Location will be approximately 6' off of the north curb line and 42" depth.

Question: What plan sheet shows the work associated with the 800 items (sewer main, services and man holes)?

Response: There is not a plan it is spelled out in the Sewer spec.

Consider this change prior to submitting your bid on **July 23, 2008**.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Bickford', with the letters 'FOR' written in a smaller font to the right of the signature.

Scott Bickford
Contracts & Specifications Engineer

SPECIAL PROVISION
SECTION 107

TIME

(Limitation of Operations)

and

(Supplemental Liquidated Damages)

Where existing pavement carries traffic and is removed to install (or remove) drainage or utility structures, the pavement shall be replaced daily with a temporary pavement matching existing depths of acceptable hot or cold bituminous mixture. Cold bituminous mixture shall contain aggregates, asphalt cutbacks, liquefiers and wetting agents. No separate payment will be made for furnishing, placing, maintaining, and removing temporary pavement and all cost of such work will be considered incidental to the various drainage items. No trenches or excavation pits shall remain overnight. Trenches will be backfilled and match surrounding existing finish grade.

When aggregate subbase is placed and accepted on travelway areas, the Contractor shall have a maximum of 14 calendar days to place the binder course of hot mix asphalt on these areas.

Where existing pavement is excavated or covered by fill as a part of the general grading operations prior to November 1, 2008, the binder course of the hot mix asphalt pavement shall be installed and completed on or before November 1, 2008. Supplemental liquidated damages shall be assessed the Contractor in the amount of One Thousand Dollars (\$1,000.00) per day for each calendar day, beginning November 2, 2008 that above stated binder course remains incomplete. This assessment of supplemental liquidated damages shall be in addition to the liquidated damages per working day, as specified in Section 107 of the Standard Specifications.

Grading operations which excavate or fill over existing pavement being used to carry traffic shall be suspended on November 1, 2008 and not be resumed until the Spring of 2009.

Portland
10544.00
July 17, 2008

SPECIAL PROVISIONS
SECTION 304
AGGREGATE BASE AND SUBBASE COURSE
(Aggregate Subbase)

Compacting and grading gravel for center core of roadway shall be incidental to 304 item and any additional gravel needed shall be paid under 304 item as well.

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
<u>Mainline Travelway,</u>						
<u>Turnlanes, Widening, Shoulders</u>						
<u>Full Construction and Reconstruction Areas</u>						
Wearing	12.5mm	403.208	N/A	50mm	1	5,7
Base	19.0mm	403.207	N/A	75mm	1/more	5,7,12,21
<u>Side Roads</u>						
Wearing	12.5mm	403.208	N/A	50mm	1	5,7
Base	19.0mm	403.207	N/A	50mm	1	5,7,12,21
<u>Drives</u>						
Wearing	9.5mm	403.209	N/A	75mm	2/more	2,3,10,11,14
<u>Sidewalks, Islands, Misc.</u>						
Wearing	9.5mm	403.209	N/A	50mm	2/more	2,3,10,11,14

COMPLEMENTARY NOTES

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
5. The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **75 gyrations**.
7. Section 106.6 Acceptance, (1) Method A.
10. Section 106.6 Acceptance, (2) Method D.
11. The combined aggregate gradation required for this item shall be classified as a 9.5mm “**fine graded**” mixture, (using the Primary Control Sieve control point) as defined in 703.09. A 4.75mm mixture may be substituted for the island and sidewalk surface layers.
12. A mixture meeting the gradation of 12.5 mm hot mix asphalt may be used at the option of the contractor.
14. A mixture meeting the requirements of section 703.09 Grading ‘D’, with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.
15. Any areas reconstructed and exposed to traffic over winter suspension shall have the full depth, full width layers of 19.0 mm HMA base replaced with a 12.5mm HMA base layer (substituted for the 19.0mm layer specified) placed prior to winter suspension of work on the project. If the 12.5mm substitution is made, the lift thicknesses may be modified, with the approval of the Department. All work associated with this item will be required to be done within the standard seasonal limitations, and evaluated in accordance with all applicable specifications. Any work performed outside the seasonal limitations dates will be considered temporary, and removed and replaced at no cost to the Department when work resumes in the next working season.
21. The combined aggregate gradation required for this layer shall be classified as a 19.0mm “**fine graded**” mixture (using the Primary Control Sieve control point) as defined in 703.09.

**Portland
STP-1054(400)X
Highway Reconstruction
Warren Avenue
July 18, 2008**

Tack Coat

A tack coat of emulsified asphalt, RS-1, Item #409.15 shall be applied to any existing pavement or recycled layer at a rate of approximately 0.08 L/m², and on milled pavement approximately 0.2 L/m², prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim / intermediate course and the surface course, at a rate not to exceed 0.08 L/m².

Tack used between new layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.

Portland
10544.00
July 17, 2008

SPECIAL PROVISION
SECTION 604
MANHOLES AND CATCH BASINS
(Precast Concrete Tank)

Description This work shall consist of constructing a precast concrete tank. Any curb installed over tanks shall be set in mortar and pinned at each end as it leaves the tank. The precast tank shall meet the requirements of Section 604 of the Standard Specifications, Supplemental Specifications and Standard Details for construction.

Materials Precast Concrete Tank shall conform to Concrete Systems, Inc. 8500 Gallon Heavy Duty Tank Model #HT8.5K or an approved equal.

Method of Measurement Tank shall be measured per each complete and accepted in place. Tanks shall include A1-P covers and frames

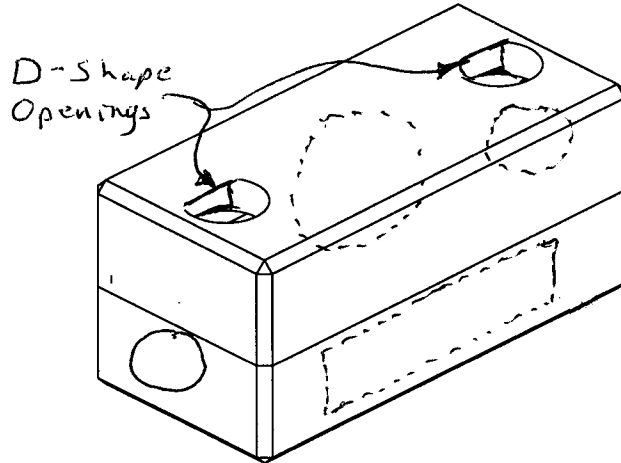
Basis of Payment The accepted quantity for Precast Concrete Tank will be paid for at the contract unit price each, complete and in place. Payment will be full compensation for supplying all equipment, labor and materials necessary to complete the pay item.

<u>Pay Item</u>		<u>Pay Unit</u>
604.1552	Precast Concrete Tank	Each

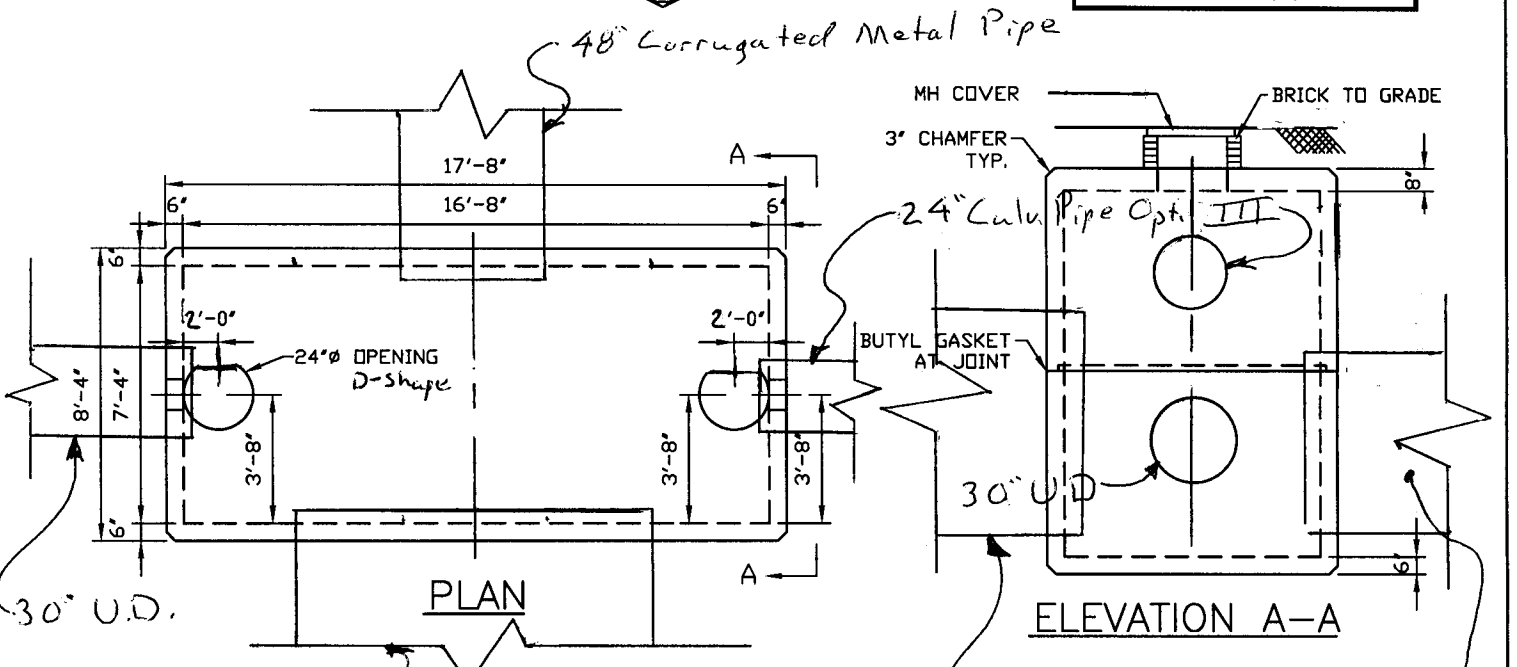
Portland
 STP-1054(400)X
 Warren Ave
 August 14, 2007

8,500 Gallon Heavy Duty Tank

STA. 2+319 L+
 Vault for M.H.



WEIGHT	
Top Section	Bottom Section
16.72	15.20
Total Weight	
31.92 Tons	



Design Parameters:

- Live load: HS25
- Earth Cover: 0 to 4'
- Concrete: Design strength $f_c = 5000$ psi
- Reinforcing: ASTM A615 (Rebar) Grade 60
- ASTM A185 (WWF) $f_y = 60,000$ psi

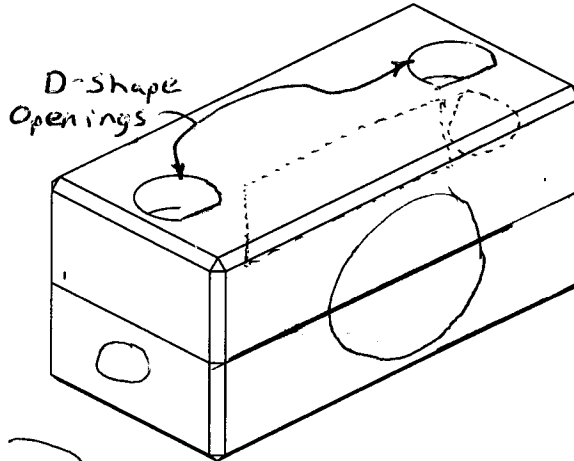
3' x 9' Conc. Box Culu

48" Corrugated Metal Pipe

Portland
 STP-1054(400)X
 Warren Ave.
 August 14, 2007

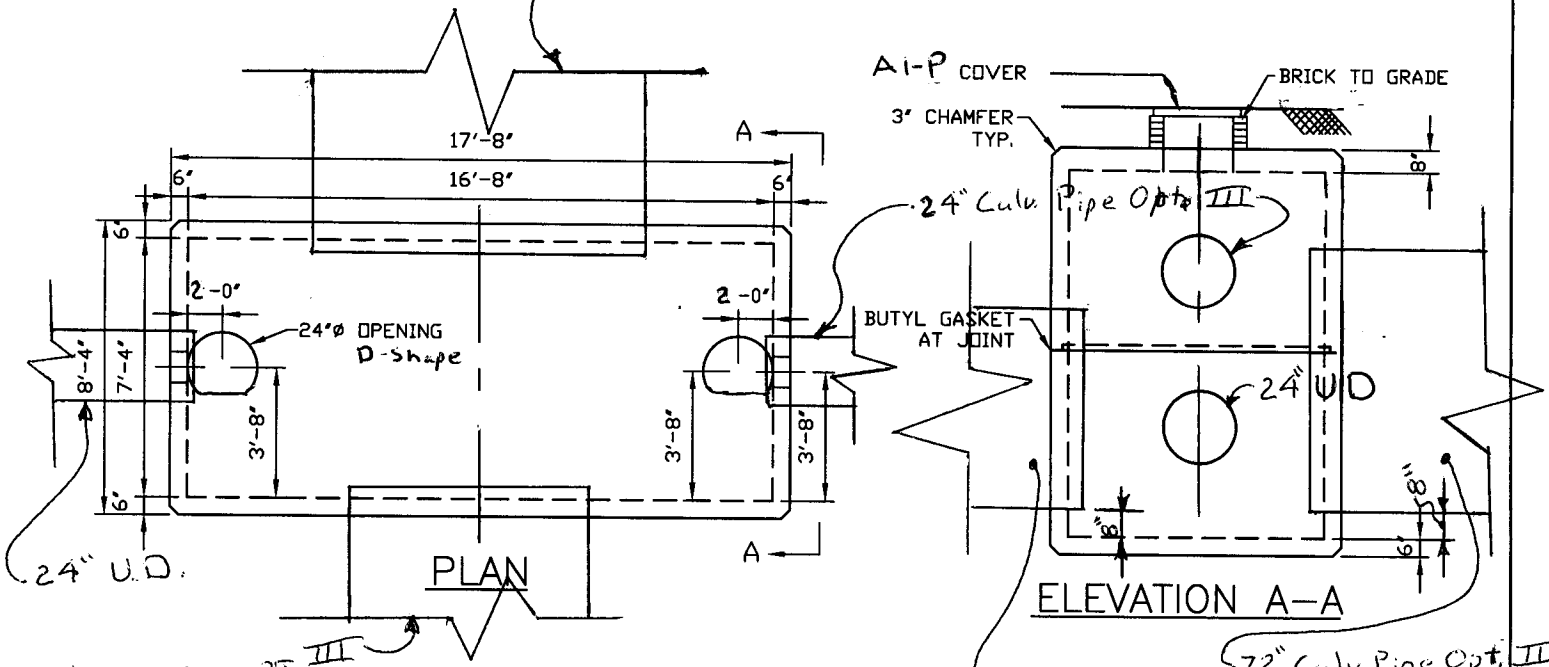
8,500 Gallon Heavy Duty Tank

STA. 2+319 R+.
 Vault for C.B.



WEIGHT	
Top Section	Bottom Section
16.72	15.20
Total Weight	
31.92 Tons	

3' x 9' Conc. Box Culv.



72" Culv. Pipe Opt. III

Design Parameters:

- Live load: HS25
- Earth Cover: 0 to 4'
- Concrete: Design strength $f_c = 5000$ psi
- Reinforcing: ASTM A615 (Rebar) Grade 60
- ASTM A185 (WWF) $f_y = 60,000$ psi

SPECIAL PROVISION
SECTION 609
CURBING
(Curbing - Removed and Stacked)

Description This work shall consist of removing, transporting to a secured site approved by the Resident and stacking existing granite curbing.

CONSTRUCTION REQUIREMENTS

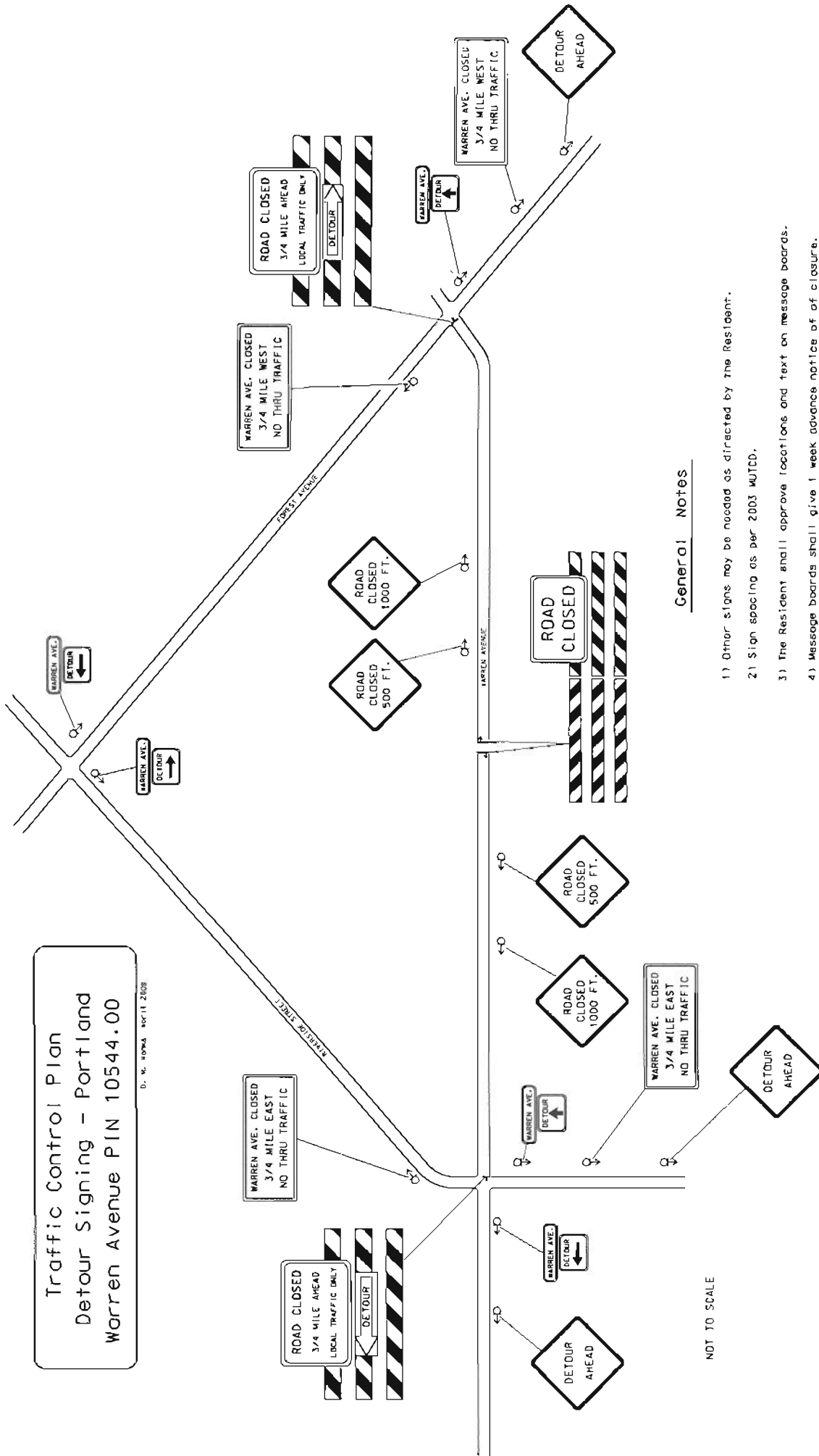
Removal The granite curbing designated to be removed and stacked shall be carefully lifted from its position and hauled to a secured site approved by the Resident. The Contractor shall stack the granite curbing at the site as directed

Stacking The curbing shall be carefully and neatly stacked on wooden planks at the stacking area.

Basis of Payment Curbing, removed and stacked, will be considered incidental to common excavation.

Traffic Control Plan
 Detour Signing - Portland
 Warren Avenue PIN 10544.00

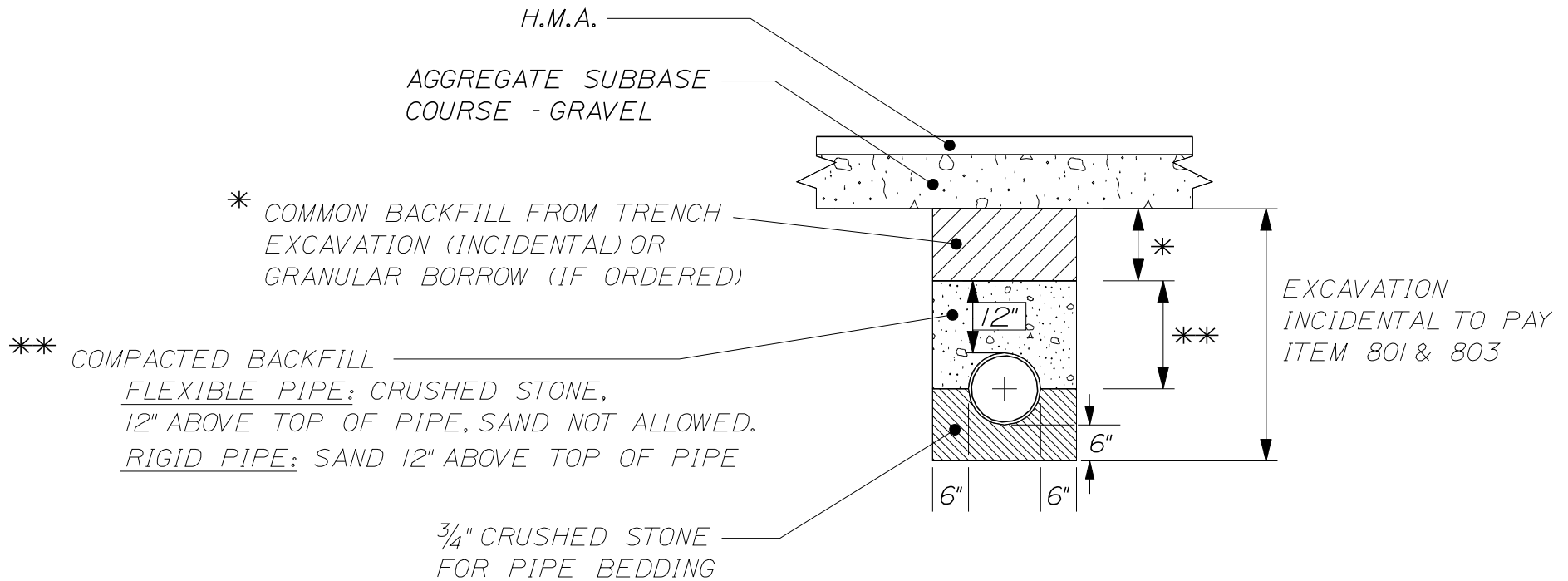
D. W. MOYER, INC. 11/28/08



General Notes

- 1) Other signs may be needed as directed by the Resident.
- 2) Sign spacing as per MUTCD.
- 3) The Resident shall approve locations and text on message boards.
- 4) Message boards shall give 1 week advance notice of closure.

NOT TO SCALE



SANITARY SEWER AND STORM DRAIN DESIGN STANDARDS