City of Sherwood Oregon
Home of the Tualatin River National Wildlife Refuge

Division Street & Orcutt Place Storm Sewer and Pavement Rehabilitation

DATE: February 28, 2017 **ADDENDUM NO. 1**

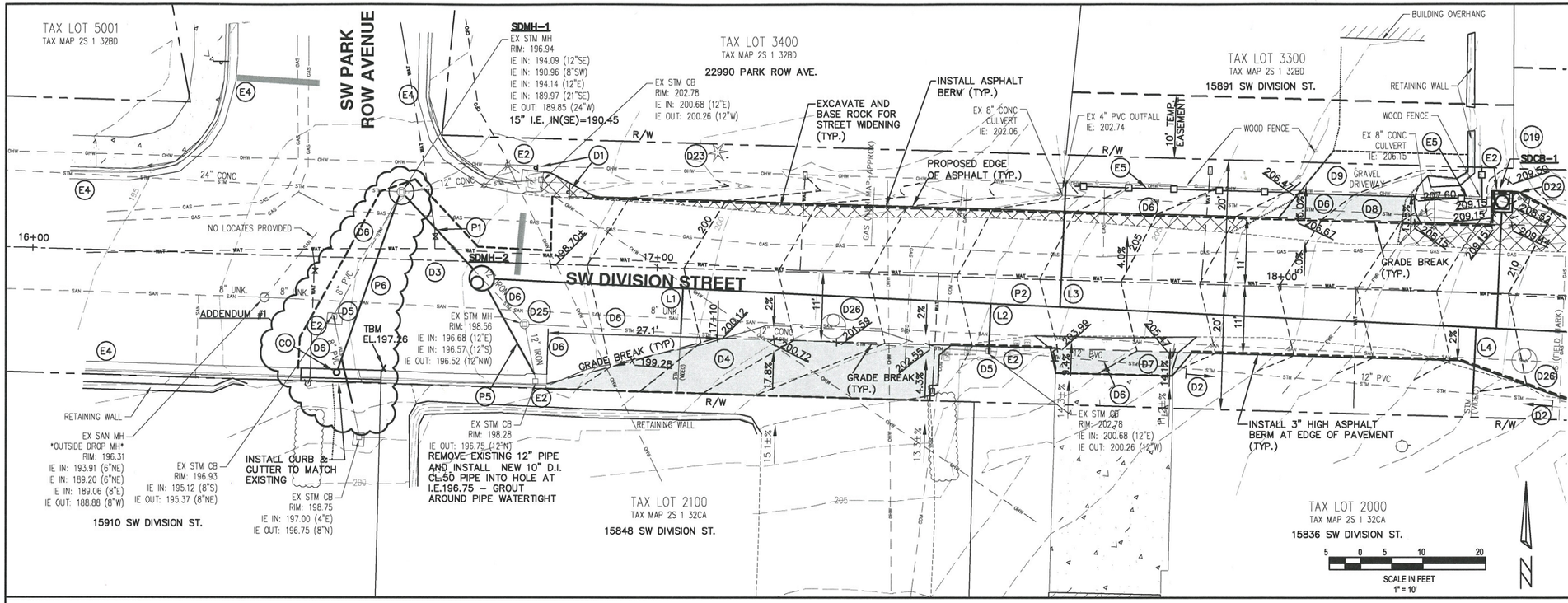
Addition/Change to the Contract Documents

The work provided for in this addendum shall become a part of the drawings and specifications for this project.

1. Sheet 5 of the Contract Drawings (Division Street – Park Row to Washington) was changed to add additional piping and remove existing piping. Revision clouding has been placed on the Contract Drawings to identify the changes (changed sheet attached).
2. Pages 1-3 (Division Street – Park Row to Washington Bid Schedule) of the Bid Schedule have been modified to account for the quantity change as a result of the change to the Contract Drawings (changed pages attached).
3. Section 00445.91 of the Special Provisions has been modified to add a pay item for "8-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)" (changed page attached).

This ADDENDUM shall be signed and attached to the Bidder's Proposal and shall subsequently become part of the Contract Documents.

Company Name	
Contractor Name	
Contractor Signature	
Date	



GENERAL KEY NOTES

- (D1) RELOCATE EXISTING "STOP" SIGN.
- (D2) ABANDON EXISTING PIPE ONCE NEW STORM SEWER IS OPERATIONAL – CAP ENDS (INCIDENTAL).
- (D3) SAW CUT EXISTING ASPHALT AND MATCH NEW ASPHALT TO EXISTING ASPHALT SURFACE.
- (D4) SAW CUT EXISTING ASPHALT AT PROPERTY LINE, REMOVE EXISTING ASPHALT, REGRADE BASE AND INSTALL 3–INCH COMPACTED THICKNESS OF NEW ASPHALT TO MATCH EXISTING ASPHALT SURFACE.
- (D5) REMOVE EXISTING CATCH BASIN.
- (D6) REMOVE EXISTING PIPE ONCE NEW STORM SEWER IS OPERATIONAL. BACKFILL TRENCH WITH 3/4"–0" BASE ROCK.
- (D7) REMOVE EXISTING CONCRETE TO JOINT, EXCAVATE 9 INCHES FOR EAST WING, INSTALL 6 INCHES OF BASE ROCK IN EAST WING AND INSTALL 3–INCH COMPACTED THICKNESS OF NEW ASPHALT TO MATCH EXISTING CONCRETE SURFACE.
- (D8) REGRADE EXISTING GRAVEL, ADD BASE ROCK AS NECESSARY AND INSTALL 3–INCH COMPACTED THICKNESS OF NEW ASPHALT.
- (D9) ADD NEW BASE ROCK TO BLEND FROM NEW ASPHALT SURFACE TO EXISTING GRAVEL DRIVEWAY IN 7 FEET.
- (D19) ENSURE THAT EXISTING PIPE DRAINS TO CATCH BASIN (INCIDENTAL).
- (D22) TAPER ASPHALT BERM FROM 3" HIGH TO 6" HIGH AT CATCH BASIN.
- (D23) TRIM BRANCHES OVER NEW ROADWAY TO 14 FEET ABOVE SURFACE OF ASPHALT AND 3 FEET HORIZONTALLY FROM EDGE OF ASPHALT.
- (D25) MANHOLE REMOVED PRIOR TO CONSTRUCTION (BY OTHERS).
- (D26) MANHOLE TO BE INSTALLED PRIOR TO CONSTRUCTION BY OTHERS. ADJUST MANHOLE FRAME TO MATCH NEW ASPHALT SURFACE.

EXCAVATE FOR WIDENING TO A DEPTH OF 10" BELOW TOP OF BASE ROCK GRADE OR TO SOLID GROUND (WHICHEVER IS DEEPER) AND INSTALL COMBINATION OF SALVAGED EXISTING GRAVEL WITH NEW 3/4"–0" AGGREGATE BASE IF SHORT ON SALVAGED GRANULAR MATERIAL PRIOR TO CEMENT TREATMENT

STORM KEY NOTES

SDCB–1
STA.18+35.03, 14.68'LT. (CENTER OF CB)
INSTALL CG–30 INLET CATCH BASIN
RIM=209.15
10" I.E. OUT(S)=204.60
INSTALL 12"x10" TEE AT 162.67' FROM CENTER OF SDMH–2 +19.0' OF 10" PVC ASTM 3034 AT ±11% SLOPE

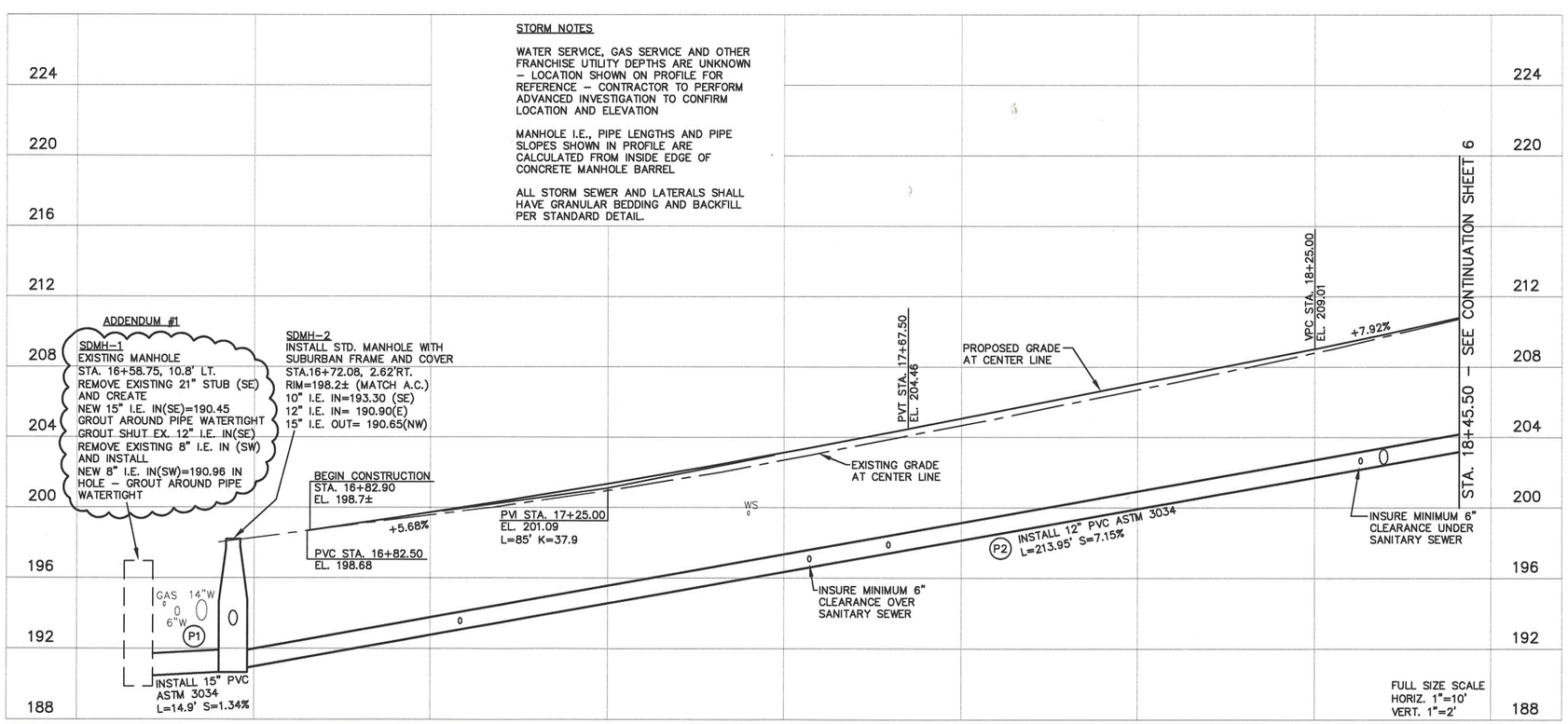
- (L1) INSTALL 12"x4" TEE AT 32.18' FROM CENTER OF SDMH–2 +10' OF 4" PVC ASTM 3034 AT 10.0% 4"–45° BENDS, 4" PVC C–900 PIPING AND STRONGBACK FERNCO (OR APPROVED EQUIVALENT) LIKELY NEEDED TO CONNECT TO EXISTING SHALLOW STORM LATERAL.
- (L2) INSTALL 12"x4" TEE AT 81.53' FROM CENTER OF SDMH–2 +8.5' OF 4" PVC ASTM 3034 AT 10.0% 4"–45° BENDS, 4" PVC C–900 PIPING AND STRONGBACK FERNCO (OR APPROVED EQUIVALENT) LIKELY NEEDED TO CONNECT TO EXISTING SHALLOW STORM LATERAL.
- (L3) INSTALL 12"x4" TEE AT 92.67' FROM CENTER OF SDMH–2 +20.0' OF 4" PVC ASTM 3034 AT 10.0% 4"–45° BENDS, 4" PVC C–900 PIPING AND STRONGBACK FERNCO (OR APPROVED EQUIVALENT) LIKELY NEEDED TO CONNECT TO EXISTING SHALLOW STORM LATERAL.
- (L4) INSTALL 12"x4" TEE AT 159.42' FROM CENTER OF SDMH–2 +11.0' OF 4" PVC ASTM 3034 EXACT SLOPE IS DEPENDANT ON AVOIDING SANITARY SEWER MAIN. CONTRACTOR TO EXPOSE ENTIRE LATERAL TRENCH AND CONTACT ENGINEER PRIOR TO LAYING LATERAL FOR APPROVAL (2% MIN.). 4"–45° BENDS, 4" PVC C–900 PIPING AND STRONGBACK FERNCO (OR APPROVED EQUIVALENT) LIKELY NEEDED TO CONNECT TO EXISTING SHALLOW STORM LATERAL. CAP 12" MAIN AT ENDS (INCIDENTAL).
- (P5) INSTALL 15' OF 15" D.I., CL.50 PIPE AT ±23%.

ADDENDUM #1

- (P6) INSTALL 28.5' OF 8" PVC, ASTM 3034 PIPE AT 2.0%.
- (CO) INSTALL NEW WYE AND ±5' OF 8" PVC PIPING, BENDS NECESSARY AND STRONG BACK FERNCO OR APPROVED EQUIVALENT TO CONNECT TO EXISTING PIPE. INSTALL 8" CLEANOUT. ALL INCLUDED IN THE BID ITEM "CLEANOUT, 8–INCH".

EROSION CONTROL KEY NOTES

- (E2) INSTALL INLET PROTECTION
- (E4) INSTALL BIO–BAG CHECK DAM IN GUTTER
- (E5) INSTALL SEDIMENT FENCE OR WATTLE



SW DIVISION STREET (PARK ROW TO WASHINGTON) STREET/STORM PLAN AND PROFILE

DIVISION STREET AND ORCUTT PLACE STORM SEWER AND PAVEMENT REHABILITATION

LOCATED IN SECTIONS 32B & 32C, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925–2309
FAX: (503) 625–0629
E–MAIL: engineering@sherwoodoregon.gov

REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 15, 1995 — CRAIG C. CHRISTENSEN — EXPIRES: 12–31–17

2-27-17

DESIGNED BY:	CCC
DRAWN BY:	CCC
CHECKED BY:	RS
FULL SIZE SCALE:	1"=10'
DATE:	MARCH, 2017
HIGHLAND DRIVE...SHEETS.DWG	

REVISIONS

02/28/17	1	ADDENDUM #1

JOB NO.

SHEET NO. 5 OF 13

BID SCHEDULE
DIVISION STREET AND ORCUTT PLACE STORM SEWER AND PAVEMENT REHABILITATION
(DIVISION STREET – PARK ROW TO WASHINGTON BID SCHEDULE – ADDENDUM #1)

Item No.	Spec Section	Description	Unit	Quantity	Unit Price	Unit Total Cost
PART 00200 -- TEMPORARY FEATURES AND APPURTENANCES						
1	00210	Mobilization	LS	1		
2	00225	Temporary Work Zone Traffic Control, Complete	LS	1		
3	00280	Erosion Control	LS	1		
PART 00300 -- ROADWORK						
4	00305	Construction Survey Work	LS	1		
5	00306	As-Built Survey Work	LS	1		
6	00310	Removal of Structures and Obstructions	LS	1		
7	00310	Removal of Pipes	FT	330		
8	00310	Removal of Curbs	FT	114		
9	00310	Removal of Curb and Gutter	FT	12		
10	00310	Removal of Concrete Driveway and Sidewalk	SY	48		
11	00310	Asphalt and Base Rock Removal	SY	1578		
12	00310	Removal of Inlets	EA	2		
13	00320	Clearing and Grubbing	LS	1		
14	00330	General Excavation	CY	121		
15	00330	Selected Topsoil	CY	65		
16	00330	Base Rock Grading	LS	1		
17	00344	Treated Subgrade, 10-Inches Thick	SY	1733		
18	00344	Portland Cement	TN	55		
PART 00400 -- DRAINAGE AND SEWERS						
19	00405	Dewatering	LS	1		
20	00405	Alternate - Trench Foundation	CY	30		
21	00415	Mainline Video Inspection	FT	702		
22	00445	15-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)	FT	19		
23	00445	12-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)	FT	593		
24	00445	10-Inch, PVC, ASTM 3034, SDR 35 Pipe	FT	61.5		

BID SCHEDULE
DIVISION STREET AND ORCUTT PLACE STORM SEWER AND PAVEMENT REHABILITATION
(DIVISION STREET – PARK ROW TO WASHINGTON BID SCHEDULE – ADDENDUM #1)

Item No.	Spec Section	Description	Unit	Quantity	Unit Price	Unit Total Cost
		(Granular Backfill)				
25	00445	10-Inch, Ductile Iron, Class 50 Pipe (Granular Backfill)	FT	18		
26	00445	8-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)		29		
27	00445	4-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)	FT	177		
28	00445	Cleanout, 8-Inch	EA	1		
29	00470	Concrete Manhole, Standard	EA	4		
30	00470	Catch Basin, Type CG-30	EA	3		
31	00490	Minor Adjustment of Manholes	EA	2		
32	00490	Major Adjustment to Catch Basin	EA	1		
33	00490	Adjusting Boxes	EA	4		
34	00490	Filling Abandoned Structures	EA	1		
35	00490	Connection to Existing Manhole	EA	2		
36	00490	Connection to Existing Catch Basin	EA	4		
37	00490	Connection to Existing Piping	EA	10		
PART 00600 - BASES						
38	00641	3/4"-0" Aggregate Base	TN	142		
PART 00700 – WEARING SURFACES						
39	00745	Level 2, 1/2-Inch ACP	TN	440		
40	00745	Asphalt Berm	FT	950		
41	00759	Concrete Curb	FT	23		
42	00759	Concrete Curb and Gutter	FT	25		
43	00759	Concrete Driveway	SF	283		
44	00759	Sidewalk Ramp Treatment	EA	1		
PART 01000 – RIGHT OF WAY DEVELOPMENT AND CONTROL						
45	01030	Yard Restoration	LS	1		
46	01040	Transplanting Existing Landscaping	LS	1		
47	01040	Shrub, English Laurel	EA	10		

BID SCHEDULE
DIVISION STREET AND ORCUTT PLACE STORM SEWER AND PAVEMENT REHABILITATION
(DIVISION STREET – PARK ROW TO WASHINGTON BID SCHEDULE – ADDENDUM #1)

Item No.	Spec Section	Description	Unit	Quantity	Unit Price	Unit Total Cost
48	01040	Plant Establishment, 2-year, $500 Minimum	LS	1		
49	01040	Alternate – Plant Establishment Shrubs	LS	1		
50	01050	Alternate – 4-Foot High Black Vinyl Clad Chain Link Fence	FT	100		
TOTAL DIVISION STREET – PARK ROW TO WASHINGTON BID						

DIVISION STREET PARK ROW TO WASHINGTON BID WRITTEN IN WORDS:

_____ **DOLLARS AND** _____ **CENTS**

The lowest responsive bidder will be determined by the lowest sum of all 3 of the project bid schedules (Division Street – West of Main, Division Street – Park Row to Washington and Orcutt Place – South of Willamette).

In the event of discrepancy, the amount in words shall dictate.

In accordance with the provisions of the Oregon Standard Specifications for Construction, 2015 Edition as modified by these bid documents, the undersigned Bidder submits the following Bid Schedule with the understanding that City reserves the right to increase, decrease, or completely eliminate quantities as set forth in 00120.20. Also, the Bidder offers to do the work, whether quantities area changed (increased or decreased) in accordance with 00195.20, or not changed, at the unit rate price stated in the following Bid Schedule:

_____ _____
Signature of Authorized Agent Company Name

_____ _____
Printed Name Date

Pay Item	Unit of Measurement
(m) 15-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)....	Foot
(n) 12-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)....	Foot
(o) 12-Inch, PVC, ASTM 3034, SDR 35 Pipe (Native Backfill).....	Foot
(p) 10-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)....	Foot
(q) 10-Inch, Ductile Iron, Class 50 Pipe (Granular Backfill).....	Foot
(r) 8-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill).....	Foot
(s) 6-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill).....	Foot
(t) 4-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)....	Foot
(u) Cleanout, 8-Inch.....	Each

No separate or additional payment will be made for:

- Trench stabilization
- Securing existing utilities to perform trench excavation, pipe installation and trench bedding and backfill

SECTION 00470 – MANHOLE, CATCH BASIN, AND INLETS

Comply with Section 00470 of the Standard Specifications modified as follows:

Add the following bid items to the following subsection

00470.90 Payment -

Pay Item	Unit of Measurement
(l) Concrete Manhole, Standard.....	Each
(m) Catch Basin, Type CG-30	Each
(n) Catch Basin, Type CG-2	Each
(o) Catch Basin, Area Drain.....	Each

No separate or additional payment will be made for:

- Earthwork not covered as trench or ditch excavation
- Rock backfill
- Aggregate base backfill
- Drain tile
- Acceptance testing
- Removal of existing inlet
- Removal of existing concrete curb, asphalt or base rock
- Saw cutting
- Installation of new concrete curb
- Connection to existing storm sewer
- Surface restoration

SECTION 00490 – WORK ON EXISTING SEWERS AND STRUCTURES

Comply with Section 00490 of the Standard Specifications modified as follows: