



LINCOLN STREET IMPROVEMENT PROJECT ADDENDUM #1



To Whom It May Concern,

This Addendum serves to clarify or update several items on the above listed project, identified by Engineers, Owner, or Contractors during the Pre-Bid and subsequent questions. Please make the revisions/additions noted herein to the Contract Documents. These additions/revisions are hereby incorporated into the Contract Documents.

Please acknowledge receipt of this Addendum in the specified place on the Bid Form. Proper acknowledgement is a requirement for a responsive bid.

The nature of these changes affects the following general sections of the Contract Documents. Please inspect the described changes and attachments for specific details.

escriptions
Schedule
tes / Times

1) TIME EXTENSION OF BID DATE and QUESTIONS:

- a) Make the following revisions to deadlines noted in the Advertisement For Bids:
 - "...bids shall be delivered...on or before 3:00 pm on March 20, 2024 Wednesday March 27, 2024."
- b) Likewise, the deadline for Contractor questions will also be extended to <u>Friday March 22, 2024</u>, <u>5:00 pm.</u> Engineer will respond by Monday March 25, 2024, 5:00 pm.

2) AMENDED SPECIFICATION TITLE

On page SMP-1 add "SECTION 01 1500" to the "SCOPE, MEASUREMENT, & PAYMENT SUMMARY" specification title. All references to "SMP" shall be a reference to "Section 01 1500" and vice versa.

3) CLARIFIY BID ITEM 3: Force Account

See attached revised Bid Schedule with specified price. Bidder shall include amount in Schedule and Bid totals.





4) ADDED / REVISED BID ITEM LIST - Miscellaneous

- a) See attached updated Bid Schedule.
- b) In addition to the specific bid item additions or revisions called out elsewhere in this Addendum, the following items have also been edited within the Bid Schedule. These items were revised in bid #, title, or quantity, or are a new item that falls under an existing specification and existing Scope, Measurement, and Payment (SMP) description.

	10	Unclassified Road Section Excavation24,740 SY
	14a	Remove & Replace Water Service Line w/1" Line Complete
(new)	14b	Remove & Replace Water Service Line w/2" Line Complete1 EA
	14c	Remove & Replace Water Service Line w/4" Line Complete2 EA
	18a	12" Water Gate Valves25 EA
(new)	18b	8" Water Gate Valves12 EA
(new)	18c	4" Water Gate Valves2 EA
	19a	Water Cross 12x12x12x122 EA
(new)	19b	Water Cross 12x8x12x86 EA
	19c	Water Tee 12x12x121 EA
	19d	Water Tee 12x12x69 EA
	19e	Water Tee 8x8x62 EA
	19f	10x8 Reducer1 EA
	19g	12x8 Reducer3 EA
(new)	19h	8x6 Reducer 6 EA
(new)	19i	8x4 Reducer3 EA
	19j	12" – 11 1/2-degree Bend2 EA
	19k	6" – 90-degree Bend
	21a	6" Grading W Base – Below Sidewalk
	21b	6" Grading W Base – Below Curb & Gutter 270 SY
(new)	21d	8" Grade W Base – Below Asphalt24,740 SY
	25	4" Concrete Sidewalk
	26	Curb and Gutter
(new)	39e	Remove and Replace 6" Tree4 EA
	52	Locate Sewer Service Line
	53	Sanitary Sewer Service Reconnect – Variable Dia & Mat 113 EA

c) Listed new items are hereby added to their respective paragraph # in Specification 01 1500. Description, Method of Measurement, & Basis of Payment shall match that listed for other respective [service line, valve, fitting, base, or tree] paragraph items.





5) ADDED BID ITEM 14d: REMOVE AND INSTALL METER PIT4 EA

- a) See attached updated Bid Schedule.
- b) Add the following paragraphs to Specification 01 1500:

14D. REMOVE AND INSTALL METER PIT

Each (EA)

A. GENERAL

This item includes all work incidental to excavation, demolition, removal, disposal, and installation of water meters as noted on the plans. Installation includes meters to be placed under the following plan notes: "REMOVE AND RESET..."

"REMOVE AND INSTALL NEW..."

"REMOVE AND INSTALL TRAFFIC RATED..."

and meters of varying types. Meters to be provided by the City or authorized for purchase by Force Account. Installation includes connection to service lines and verification of proper operation.

B. METHOD OF MEASUREMENT & PAYMENT

This item will be measured and paid for at the contract unit price in the bid schedule per each item removed and/or installed.

6) REVISED BID ITEM 22: Structural Fill100 CY

- a) See attached updated Bid Schedule, including changed item title and quantity.
- b) Replace paragraphs 22 in Specification 01 1500 with the following:

22. STRUCTURAL FILL

Cubic Yard (CY)

C. GENERAL

This item will be used to repair soft spots in providing structural subgrade support along the street alignment and/or utility trenches, as required and approved by the Engineer. The fill item consists of aggregate base materials, haul, fill, compaction, and grading as needed to improve the subgrade where low, spots, potholes, or settling have degraded the base profile. The material shall meet the requirements for Structural Fill in the specifications.

D. METHOD OF MEASUREMENT & BASIS OF PAYMENT

This item shall be measured and paid for at the contracted unit price on a CY basis of placed material, as measured in the field by the ENGINEER.





- c) Add "<u>STRUCTURAL FILL</u>" to the item list in paragraph 1 of Specification 02 2190 "IMPORTED MATERIALS AND AGGREGATES".
- d) Add the following paragraph to Specification 02 2190.

C. Materials

5. Structural Fill Materials shall be non-expansive granular soil with less than 35 percent passing the No. 200 sieve, with a liquid limit less than 30. Material shall be "clean" and free from: rocks larger than 4 inches in the largest dimension, frozen lumps, roots, trash, lumber, or organic material. Removed existing base materials may be used as structural fill where it meets the above stated criteria, and with Engineer approval.

7) ADDED BID ITEM 54: Geotextile Separation Fabric24,740 SY

- a) See attached updated Bid Schedule.
- b) See added specification Note 2 on "Roadway Typical Section" Detail Sheet 2.
- c) Add the following paragraphs to Specification 01 1500:
 - 54. GEOTEXTILE SEPARATION FABRIC

Square Yard (SY)

A. GENERAL

This item includes installation of nonwoven separation fabric over the subgrade and below base materials for the full area of asphalt replacement. Leveling and compaction of subgrade appropriate for installation of fabric shall be incidental to this item or placement of structural fill (separate item, where applicable). Any installation efforts relative to manufacturer's requirements, including additional material for overlap, pinning, staking, or other anchoring, shall be incidental to the bid item quantity.

B. METHOD OF MEASUREMENT & BASIS OF PAYMENT

This item will be measured & paid for at the contracted unit price on a SY basis of area of subgrade covered by fabric, as measured in the field by the ENGINEER, regardless of actual quantity of fabric placed including required installation overlaps.

8) REVISED PLANS/DRAWING SHEETS (attached):

 a) Replace Sheet 2 – Detail "Roadway Typical Section" – revisions reflect added Bid Items 8" Grade "W" Base Course and Geotextile Separation Fabric, and other edited notes to clarify typical work parameters





- b) Replace Sheets 3A, 3B, 3C, and 3D work item Summary Tables were revised to match updated Bid Schedule quantities
- c) Replace Sheet P-1 revisions reflect added replacement of sewer service to lot 113 (approx. STA 1+70, south side) and associated replacement of sidewalk, curb & gutter
- d) Replace Sheet C-101 revisions reflect added replacement of sewer service to lot 113 (approx. STA 1+70, south side) and added callout note D

9) FURTHER CLARIFICATIONS - Bidder Questions & Other Deliverables

- a) These listed questions and answers do not change items of specification or drawing on the project. They are provided for clarification only for bidding purposes.
- b) Is this project 'American Iron and Steel' or 'Build American, Buy American'? No, this project is not required to satisfy AIS, BABA, or Davis Bacon acts. Steel materials will be subject to submittal review and approval by Engineer.
- c) Are the quantities of Bid Items 14a, 14b, and 15, regarding water service lines, correct in size and quantity? See the revised Bid Schedule. Item #15 is a new installation in addition to and separate from the replacement of existing 1-inch services in item #14a.
- d) Is the Owner and Engineer opposed to making this a 12-month (2 year) project? Construction end date will be negotiated with the winning bidder at time of contract execution. Owner is willing to allow an extended schedule including winter season work, winter shut down/2 seasons of work, and/or phased construction. INSTRUCTION TO BIDDER: Bidder shall note in the bid form, Sheet B-3 (Contractor's Certification) "Extended Schedule Requested" if applicable.

If an alternate construction schedule is awarded, Contractor shall abide by the following requirements, to be negotiated and delineated in the construction contract:

- i. All extensions and phasing shall be shown clearly in the construction schedule.
- ii. All areas of demolition shall be fully reconstructed before phase completion or seasonal suspension of work.
- iii. All utility services and approaches shall be fully operable and accessible no temporary services or make-shift access allowed during project shutdown.

e) Clarification: Curb & Gutter (C&G) and Sidewalk Bid Item locations relative to each other and approaches

- i. As shown in the plans, the locations of C&G replacement do not always coincide with sidewalk replacement. (Sometimes C&G is replaced <u>without</u> sidewalk replacement, and sometimes sidewalk is replaced <u>without</u> C&G replacement.) This was determined due to the existing condition of each item.
- ii. Likewise, the locations of C&G replacement do not always coincide with approach replacement. Where new approaches are being constructed, or existing approaches





reconstructed according to Detail A-A/D-2, C&G is quantified and bid <u>separate</u> from the approach area (plan colors purple vs green, respectively). Where an existing approach is being replaced to match existing configurations (i.e. no fillet, roll curbs, no existing curb, etc.), the gutter pan and curb is <u>inclusive</u> with the approach area.

iii. Refer to plan sheets P-1 to P-10 closely.

f) Project Control / Survey

- i. As noted at the Pre-Bid Conference, project staking points are generally not available for the extent of the project. Design intent and multiple sections to remain, dictate that installation will be to match existing grade. For the roadway, this will be readily apparent at the lip of gutter. Demolition of the existing road surface will effectively remove the crown/centerline grade to be matched. Varying cross slopes throughout the project precludes determining crown elevations by grading from lip of gutter. Therefore, it is strongly recommended that the contractor establish a means of control for reestablishing existing grades. (See Notes on General Sheet 1).
- ii. "B" Plan sheets (P-5B, P-7B, P-8B, and P-8C) are segments where additional survey information is available, and grades were redesigned to address existing issues. Specifically, several of these areas also involve grading beyond the typical limits of the project (at back of sidewalk) and include coordinated work within landowner properties. These sections will require control staking. Design points are available from the design engineer; survey services are available under separate contract. (See Notes on General Sheet 1).

END OF ADDENDUM

Attachments: Bid Schedule (4 pages)

11x17 Drawing Sheets 2, 3A, 3B, 3C, 3D, P-1, C-101 (7 pages)

UNIT PR	JNIT PRICE BID SCHEDULE - A						
M&P Ref.	Item Description	Estimated Quantity	Units	Bid Unit Price	Bid Item Price		
	A - Initialization						
2	Mobilization/Demobilization	1	LS				
3	Force Account	1	LS	\$ 100,000	\$ 100,000		
4	SWPPP Permit and Construction BMP's	1	LS				
5	Landowner Coordination / Project Documentation	1	LS				
6	Construction Surveying	1	LS				
7	Traffic Control with Plans	1	LS				

SubTotal

LINCOLN STREET REPAIR PROJECT

UNIT PR	UNIT PRICE BID SCHEDULE - B						
M&P Ref.	Item Description	Estimated Quantity	Units	Bid Unit Price	Bid Item Price		
	B - Miscellaneous Excavation & Fill						
8	Exploratory Excavation	50	HR				
9	Unclassified Surface Excavation	750	CY				
10	Unclassified Road Section Excavation	24,740	SY				

SubTotal

JNIT PI	NIT PRICE BID SCHEDULE - C					
M&P Ref.	Item Description	Estimated Quantity	Units	Bid Unit Price	Bid Item Price	
	C - Water Utility Items					
11	Temporary Water	1	LS			
12a	Install 8" C900 DR-18 Water Line Pipe	320	LF			
12b	Install 12" C900 DR-18 Water Line Pipe	5,080	LF			
13	Locate Water Service Line	3	EA			
14a	Remove & Replace Water Service Line W/1" Line Complete	77	EA			
14b	Remove & Replace Water Service Line W/2" Line Complete	1	EA			
14c	Remove & Replace Water Service Line W/4" Line Complete	2	EA			
14d	Remove & Install Meter Pit	4	EA			
15	Install New 1" Water Service Line Complete	2	EA			
16	Install New Fire Hydrant Assembly Complete	9	EA			
17	Remove Existing Fire Hydrant Assembly	9	EA			
18a	12" Water Gate Valves	25	EA			
18b	8" Water Gate Valves	12	EA			
18c	4" Water Gate Valves	2	EA			
19a	Water Cross 12x12x12x12	2	EA			
19b	Water Cross 12x8x12x8	6	EA			
19c	Water Tee 12x12x12	1	EA			
19d	Water Tee 12x12x6	9	EA			
19e	Water Tee 8x8x6	2	EA			
19f	10x8 Reducer	1	EA			
19g	12x8 Reducer	3	EA			
19h	8x6 Reducer	6	EA			
19i	8x4 Reducer	3	EA			
19j	12" - 11 1/2 Degree Bend	2	EA			
19k	6" - 90 Degree Bend	2	EA			
20a	Tie-in to existing 4" DI pipe	3	EA			
20b	Tie-in to existing 6" DI pipe	6	EA			
20c	Tie-in to existing 8" DI pipe	3	EA			
20d	Tie-in to existing 10" DI pipe	1	EA			
20e	Tie-in to existing 12" DI pipe	3	EA			

SubTotal

UNIT PRICE BID SCHEDULE - D					
M&P Ref.	Item Description	Estimated Quantity	Units	Bid Unit Price	Bid Item Price
	D - Surface Construction Items				
21a	4" Grading W Base - Below Sidewalk & ADA Ramps	1,480	SY		
21b	6" Grading W Base - Below Curb & Gutter	270	SY		
21c	6" Grading W Base - Below Concrete Pavement	1,480	SY		
21d	8" Grading W Base - Below Asphalt	24,740	SY		
22	Structural Fill	100	TONS		
54	Geotextile Separation Fabric	24,740	SY		
23, 37	3" Plant Mix Pavement	24,740	SY		
24	6" Concrete Pavement (Approaches)	955	SY		
25	4" Concrete Sidewalk	1,200	SY		
26	Curb And Gutter	1,480	LF		
27a	Install New Handicapped Ramp Type A Complete	4	EA		
27b	Install New Handicapped Ramp Type B Complete	19	EA		
28	Remove and Replace Catch Basin	2	EA		
29	Telecom MH Rim Adjustment	7	EA		
30	Construct Valley Gutter/Fillet	522	SY		
31	Low Height Concrete Retaining Wall	88	LF		
32	Landscape Repair	1	LS		
33	Remove and Relocate Fence	50	LF		
34	Remove and Replace Existing Pull Box	2	EA		
35	Concrete Pavement Remova and Replace Patching	5	SY		
36	Asphalt Pavement Remove and Replace Patching	240	SY		
37	Grading W Base - Remove and Replace Patching	260	SY		
38	Clearing and Grubbing	53	LF		
39a	Clearing 6" Trees	22	EA		
39b	Clearing 10" Trees	1	EA		
39c	Clearing 18" Trees	2	EA		
39d	Clearing 30" Trees	3	EA		
39e	Remove and Replace 6" Tree	4	EA		
40a	Removal and Replacement of Irrigation Culverts	220	LF		
40b	Intake Structure	1	EA		
40c	Outlet Structure	1	EA		
41a	Install 6" C900 HDPE Storm Sewer Pipe	18	LF		
41b	Install 12" C900 HDPE Storm Sewer Pipe	58	LF		
42	Remove and Replace Catch Basins At Irrigation Crossing	2	EA		
43a	Erosion Control Blanket	296	SF		
43b	Slope Armor and Rip Rap	230	SF		
44	Sidewalk Drain with Heal Grate	10	LF		

SubTotal

UNIT PR	UNIT PRICE BID SCHEDULE - E					
M&P Ref.	Item Description	Estimated Quantity	Units	Bid Unit Price	Bid Item Price	
	E - Sewer Utility Items					
45	Remove Existing Sanitary Sewer Manhole	13	EA			
46	Abandon Manhole in Place	1	EA			
47a	Sanitary Sewer Service Abandon in Place	6	EA			
47b	Abandon Sanitary Sewer Pipe in Place	2,024	LF			
48	48" Sanitary Sewer Manhole	14	EA			
49a	Tie Existing MH to new PVC pipe	2	EA			
49b	Tie new MH to Existing 4" Sewer Pipe	3	EA			
49c	Tie new MH to Existing 6" Sewer Pipe	4	EA			
49d	Tie new MH to Existing 8" Sewer Pipe	9	EA			
49e	Tie new MH to Existing 12" Sewer Pipe	2	EA			
49f	Tie new MH to Existing 15" Sewer Pipe	2	EA			
50	Sanitary Sewer Manhole Collar Repair/Replace	2	EA			
51a	Sanitary Sewer 8" SDR 35 PVC - Remove and Replace	2,840	LF			
51b	Sanitary Sewer 8" SDR 35 PVC - Install New	2,030	LF			
52	Locate Sewer Service Line	113	EA			
53	Sanitary Sewer Service Reconnect - Variable Dia & Mat	113	EA			

SubTotal

Base Bid Amount - Total = A + B + C + D + E

\$

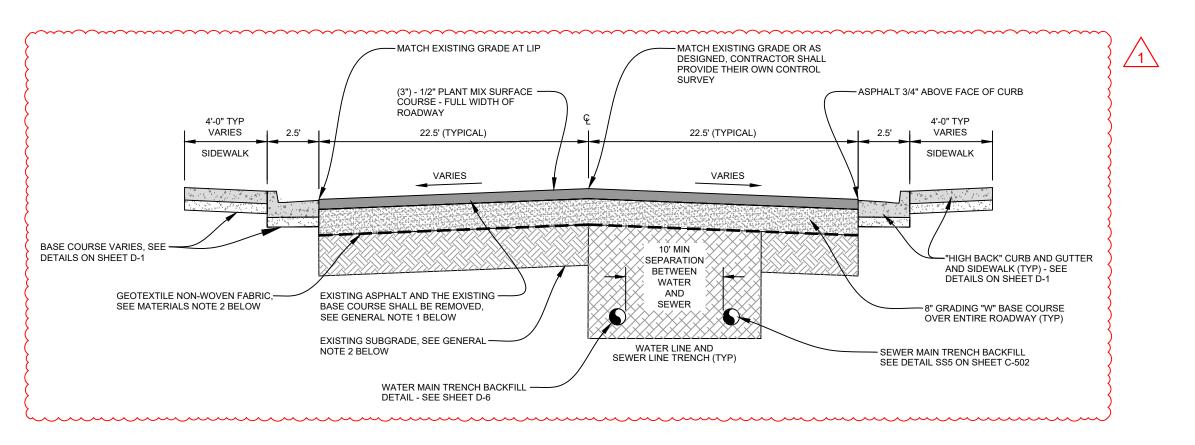
Total Base Bid Amount (Words) \$

Refter to Specification 01 1500 Measurement and Payment for full descriptions of each bid item.

After review of submitted bids, based on budgetary constraints, the Owner may remove work items as shown in the bid schedule, in part or whole

Award of this contract will be based on the Total Base Bid Amount

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents



ROADWAY TYPICAL SECTION - (LINCOLN STREET)

MATERIALS

THE CONTRACTOR(S) OR SUBCONTRACTOR(S) SHALL SUBMIT MIX DESIGNS FOR CRUSHED BASE, PORTLAND CEMENT CONCRETE PAVEMENT, AND HOT PLANT MIX BITUMINOUS PAVEMENT 2 WEEKS (10 WORKING DAYS) PRIOR TO START OF CONSTRUCTION TO ENGINEER FOR ACCEPTANCE.



SHALL SATISFY WYDOT SPECIFICATION SECTION 805, APPARENT OPENING SIZE OF 40-100mm (TABLE 805.2-1) MIRAFI 160N OR SIMILAR, INSTALL PER MANUFACTURER'S REQUIREMENTS. INSTALL FULL WIDTH OF BASE AND ASPHALT, AND FABRIC SHALL SPAN THE UTILITY TRENCH.

GENERAL NOTE:

1. PATCH WORK NOTE:

CONTRACTOR SHALL MAINTAIN ROADWAY SURFACE CONDITIONS. INCLUDING TEMPORARY PATCH WORK, TO ALLOW SAFE VEHICLE TRAVEL.

2. EXISTING SUBGRADE:



EXISTING SUBGRADE TO BE RECOMPACTED AND CONTRACTOR. SHALL FILL VOIDS WITH STRUCTURAL FILL WHERE NECESSARY AND AS DIRECTED BY THE ENGINEER

CITY OF LANDER 240 LINCOLN STREET LANDER, WY 82520

LINCOLN STREET WATER REPAIR STREET RECONSTRUCTION PROJECT TYPICAL SECTIONS

JPL

SHEET NO.

S

Valley Gutters					
<u>Station</u>	Area (ft ²)	Area (SY)			
0+44.8 - 0+50.8	269.5	29.9			
5+42.8 - 5+48.7	271.8	30.2			
11+07.4 - 11+13.6	270.6	30.1			
21+88.4 - 21+94.9	287.7	32.0			
22+39.9 - 22+43.9	178.8	19.9			
27+57.3 - 27+63.3	270.8	30.1			
28+02.3 - 28+09.3	268.5	29.8			
33+53.1 - 33+61.1	47.8	5.3			
36+73*	1308	145.3			
39+21 - 39+34.7 L	83.1	9.2			
39+21 - 39+34.7 R	83.1	9.2			
44+58 - 45+03	273.8	30.4			
49+63.5 - 49+77.9	172.9	19.2			
Total	Total 420.7				
Note: *Shall be installed at 735 Lincoln St. as					

Clearing And Grubbing (Vegetation W/								
Diam	Diamter Less Than 4")							
<u>Station</u>	<u>R or L</u>	<u>Length (ft)</u>						
3+75 - 3+92	L	17						
33+76 - 34+00	L	24						
38+00 - 38+10	L	7						
38+55 - 38+60	L	5						
Total		53						

part of their improvements

Fire Hydrants - Remove and Replace						
<u>Station</u>	<u>R or L</u>	<u>EA</u>				
0+55.3	R	1				
5+52.1	R	1				
11+17.7	R	1				
16+95.3	R	1				
21+84.5	R	1				
27+47.5	R	1				
33+79.5	L	1				
39+47	R	1				
45+22	R	1				
Total		9				

Tree Removal Summary					
Location		Tree	Size	(Qua	ntity)
<u>Station</u>	R or L	<u>6"</u>	<u>10"</u>	<u>18"</u>	<u>30"</u>
3+75 - 4+00	L	20			
8+00	Ŀ			1	
21+10 - 21+30	L				3
33+76 - 34+00	L	2	1		
46+15	L			1	
Total		22	1	2	3

Tree Remove and Replace Summary					
Location		Tree Size (Quantity)			
Station	R or L	<u>6"</u>			
38+14	L	1			
38+19	L	1			
38+65	L	1			
30+09	R	1			
Total		4			

Landscaping Replace in Kind						
Location	Area	Area				
Address	\underline{ft}^2	<u>yd</u> ²				
735 Lincoln	500	56				
797 Lincoln	925	103				
Total		158				

Mailbox - Remove and Relocate						
<u>Station</u>	<u>R or L</u>	<u>EA</u>				
30+30.7	R	1				
31+88	L	1				
42+47	L	1				
44+26	L	1				
Total		4				

Fence - Remove and Relocate					
<u>Station</u>	<u>R or L</u>	Length (ft)			
44+07.8 - 44+38.8	L	34			
Total 34					

3" Asphalt Pavement with 6" Grading "W" Base Course							
Station	Address	<u>R or L</u>	Area (ft ²)	Area (SY)			
37+00	735 Lincoln St.	L	2782	309			
17+85 - 18+97	440 Lincoln St.	R	874	97			
18+65 - 20 08	427 Lincoln St.	L	1202	134			
Total			4858	540			



Handicap Ramps - Type A					
<u>Station</u>	R or L	<u>EA</u>			
0+47.2 - 0+58.1	L	1			
0+47.5 - 0+60	R	1			
5+45.2 - 5+56.6	L	1			
5+45.6 - 5+56	R	1			
11+08.9 - 11+19.7	R	1			
16+17.4 - 16+29.3	R	1			
16+74.1 - 16+84.9	R	1			
16+76.7 - 16+88.4	L	1			
21+79.8 - 21+92.1	R	1			
21+81.4 - 21+92.7	L	1			
27+48.6 - 27+61	R	1			
28+05.7 - 28+17.2	R	1			
28+05.5 - 28+17.2	L	1			
33+15.1 - 33+26.8	R	1			
33+71.3 - 33+82.3	L	1			
38+80.5 - 38+91.8	R	1			
38+80.5 - 38+92.3	L	1			
39+36.9 - 39+48.4	R	1			
39+37 - 39+48.7	L	1			
44+44.6 - 44+55.7	R	1			
44+44.3 - 44+55.8	L	1			
45+05.3 - 45+16.8	R	1			
45+05.4 - 45+16.5	L	1			
Total		23			

Curb and Gutter V	// 4" Grac	le W Base	Curb and Gutter W	/ 4" Grad	le W Base
<u>Station</u>	R or L	Length (ft)	<u>Station</u>	R or L	Length (ft)
0+57.7 - 0+78.7	R	21.1	27+43.7 - 27+48.7	R	4.8
1+05 - 1+25	L	20	28+17.3 - 28+26.0	L	8.8
1+68 - 2+13.0	L	45	29+00.6 - 29+35.6	R	34.9
2+70.1 - 2+80.1	\sim	10	29+80.9 - 29+90.8	L	10
2+46.5 - 3+07.9	R	61.4	30+41.3 - 30+51.3	R	10
3+46.1 - 3+56.1	L	10	31+00.0 - 32+31.0	L	131
3+81.0 - 4+42.6	L	61.6	33+12.8 - 33+15.1	R	2.3
7+82.8 - 8+21.9	L	39.2	33+25.1 - 33+29.3	R	2.1
8+70.0 - 9+14.7	R	44.7	34+91.5 - 36+79.1	L	187.6
11+19.3 - 12+20.6	R	101.3	36+42.6 - 36+52.6	R	10
12+04.3 - 12+14.3	L	10	37+08.8 - 37+18.8	R	10
13+10.2 - 13+19.3	L	9.1	37+34.7 - 37+44.5	R	9.8
13+30.5 - 13+40.5	R	10	37+55.5 - 37+65.5	L	10
13+69.4 - 13+78.9	L	9.4	37+92.5 - 38+00.1	R	7.6
13+79.0 - 14+09.3	R	30.3	38+46.9 - 38+56.9	R	10
14+17.2 - 14+27.2	L	10	38+65.5 - 38+75.5	R	10
14+52.4 - 14+62.4	R	10	40+19.4 - 40+29.6	R	10.2
15+06.1 - 15+31.1	L	25	40+76.9 - 40+86.9	R	10
15+63.1 - 16+16.9	R	53.9	41+74.2 - 41+81.7	L	7.4
16+91.0 - 17+65.5	R	74.5	41+97.6 - 42+06.5	L	8.8
17+07.5 - 17+80.2	L	72.6	41+83.8 - 41+91.3	R	9.5
17+83.8 - 17+95.9	L	12.1	42+17.9 - 42+28.0	R	10
17+84.5 - 18+49.8	R	65.3	42+54.1 - 42+64.1	L	10.1
18+01.4 -18+43.4	R	42	42+94.5 - 43+26.5	L	32
18+43.9 - 19+25.3	L	81.4	43+05.0 - 43+15.1	R	10
18+49.8 - 19+42.5	R	92.7	43+67.9 - 43+77.9	L	10.1
19+37.6 - 20+34.3	L	96.7	46+10.1 - 46+20.3	L	9.5
19+42.5 - 21+32.1	R	189.6	47+08.0 - 47+18.0	R	10
20+40.0 - 21+72.0	L	132	47+47.3 - 47+61.4	R	14.1
21+35.0 - 21+82.0	R	47	48+01.4 - 48+14.4	R	13
22+66.0 - 23+24.0	L	58	48+30.9 - 48+45.1	R	14.1
23+24.9 - 23+39.1	R	14.2	48+32.6 - 48+72.7	L	40.1
23+41.0 - 23+68.4	L	27.4	48+64.5 - 48+73.9	R	9.3
25+00.1 - 25+08.6	R	8.1	49+20.3 - 49+30.1	L	9.9
27+21.9 - 27+31.9	L	10.1	Total		2302.7

	Irrigatio	on and Sto	orm Imore	ovemer	nts b	etwe	en 4th	n and 5th St.	
Item		Stat		R or L		uantity Unit			escription
24x43 RCP Culvert		19+29.3 -	20+18.8	Center	1	14	LF	_	·
Catch Basin		19+3	32.7	R		1	EA		
Catch Basin		19+4	44.8	L	П	1	EA		
Erosion Control Blank	ket	19+2	29.3	R	2	96	ft ²		
Slope Armor Rip Rap)	20+18.8		L	2	30	ft ²		
Sidewalk Drain w/ He	al Grate	e 18+42		L	1	10	LF	ADA Compliant, 12" Wide	
Intake Structure		20+1	18.8	L	D	1	EA	Including Guardrail and Trash Rack	
Outlet Structure		19+3	32.7	R	1	1	EA	Including Guardrail and Trash Rack	
12" C-900 PVC	19+3		38.8	Center	Ę	58	LF	F Storm Drain from Catch Basin	
6" C-900 PVC	900 PVC 19+38.8		38.8	L	1	18	LF	Roof Drain for 427 Lincoln St.	
Culverts - Sheet P-3									
	Sta	ation Length (1		ft) Mate	erial	Number of Flared Ends		f Flared Ends	
	13+22.1	2.1 - 13+25.7 86.3		RO	CP	2		2	
	Total		86.3					2	

CITY OF LANDER 240 LINCOLN STREET LANDER, WY 82520

LINCOLN STREET WATER REPAIR STREET RECONSTRUCTION PROJECT SUMMARY TABLES - SHEET 1 of 4

DATE: CITY OF LANDER

.: ₊17063 DRAWN BY:

REVIEWED BY: JPL

SHEET NO.

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4 00	ilcrete Si	uewaik	
Station	R or L	Area (ft ²)	Area (SY)
1+05 - 1+25		100	11.1
1+68 - 1+78	L	40	4.4
2+38.1 - 2+46.5	R	36.8	4.1
	10.70	<u> </u>	
2+70.1 - 2+80.1	L	40.3	4.5
2+75.9 - 2+79.2	R	13.3	1.5
3+08 - 3+38.8	R	123.3	13.7
3+46.1 - 3+56.1	L	39.1	4.3
3+81 - 4+42.6	L	243.4	27.0
5+49.2 - 5+56	R	30.1	3.3
5+49.1 - 5+56.6	L	44	4.9
7+82.8 - 8+21.9	L	357.7	39.7
8+70 - 8+80	R	76.9	8.5
11+13 - 11+19.7	R	29.3	3.3
11+63.2 - 11+73.2	R	79.5	8.8
12+04.3 - 12+14.3	L	82.8	9.2
12+60.9 - 12+74.3	R	63.7	7.1
13+10.2 - 13+19.3	L	72.4	8.0
13+30.5 - 13+40.5	R	77.4	8.6
13+47.8 - 13+79	R	234.5	26.1
13+67.8 - 13+80.6	L	103	11.4
14+09.3 - 14+17.9	R	60.6	6.7
14+17.2 - 14+27.2	L	85.5	9.5
14+52.4 - 14+62.4	R	77	8.6
16+17.4 - 16+29.3	R	111.7	12.4
16+78 - 16+87	R	45.8	5.1
16+80.7 - 16+88.4	L	29.5	3.3
16+88.4 - 17+07.5	L	146.2	16.2
16.91.0 - 17+65.5	R	298	33.1
	R	65.1	7.2
17+67.6 - 17+77.6			
17+83.8 - 17+95.9	L	99.3	11.0
18+43.4 - 18+49.8	R	24.8	2.8
18+43.9 - 18+65.7	L	168.1	18.7
18+65.7 - 18+81.1	L	69.7	7.7
19+04.0 - 19+37.0	R	132	14.7
19+86.1 - 20+34.3	L	194.2	21.6
21+35.0 - 21+82.0	R	188	20.9
21+78.5 - 21+92.5	L	37.1	4.1
22+93 - 23+47.1	L	302.3	33.6
23+24.9 - 23+41.3	R	64.1	7.1
23+62.4 - 24+38	L	470.2	52.2
24+82.3 - 24+99.9	L	101.2	11.2
24+98.7 - 25+08.6	R	33.8	3.8
25+43.2 - 25+53.6	L	58.9	6.5
25+70.1 - 26+01.2	L	183.2	20.4
26+27.5 - 26+53.7	L	156.3	17.4
26+96.7 - 27+17.8	L	129	14.3
27+21.9 - 27+31.9	L	63.1	7.0
27+10 - 27+48.6	R	154.6	17.2
28+17.2 - 28+88.7	L	284.6	31.6
29+09.6 - 30+03.8	L	376.1	41.8
30+08.3 - 30+13.6	R	9.3	1.0
00 : 00 0 00 : 00 0		9.3	1.0

30+30.2 - 30+69.8

R

239.7

26.6

4" Concrete Sidewalk

4" Co	4" Concrete Sidewalk						
<u>Station</u>	R or L	Area (ft ²)	Area (SY)				
30+67.1 - 31+27.3	L	241.1	26.8				
31+10 - 31+19.2	R	53.7	6.0				
31+82.8 - 32+31	L	196.2	21.8				
31+89.3 (Residential)*	L	32	3.6				
33+82.3 - 35+04.5	L	498.9	55.4				
34+23.4 - 35+43.3	R	475.1	52.8				
36+17 - 36+25	L	32.9	3.7				
36+42.6 - 36+52.6	R	36.1	4.0				
36+79 - 37+26.5	L	191.6	21.3				
37+08.8 - 37+18.8	R	36.2	4.0				
37+34.7 - 37+44.5	R	35.6	4.0				
37+55.5 - 37+65.5	L	39.3	4.4				

4" Concrete Sidewalk						
Station	R or L	Area (ft ²)	Area (SY)			
38+04.3 - 38+80.5	L	302.6	33.6			
40+19.4 - 40+29.5	R	40	4.4			
40+38.5 - 40+49	L	39.7	4.4			
40+63.6 - 41+34.1	L	279.5	31.1			
41+57.1 - 41+81.6	L	92.2	10.2			
41+93.3 - 42+64.4	R	309.7	34.4			
41+97.6 - 42+71.4	L	292.7	32.5			
42+79.5 - 44+44.6	R	666.4	74.0			
43+26.5 - 43+91.7	L	261.5	29.1			
44+07.4 - 44+44.3	L	147.5	16.4			
45+05.4 - 45+09.4	L	18.5	2.1			
45+16.8 - 45+63.4	R	565.9	62.9			

4" Concrete Sidewalk						
R or L	Area (ft ²)	Area (SY)				
L	172.7	19.2				
L	105.8	11.8				
R	37.8	4.2				
R	260.9	29.0				
L	80.1	8.9				
L	60.3	6.7				
R	145.6	16.2				
R	80.2	8.9				
		1352.8				
	R or L L R R L L L R	R or L Area (ft²) L 172.7 L 105.8 R 37.8 R 260.9 L 80.1 L 60.3 R 145.6				

Note: * at 31+89.3, The Contractor shall replace sidewalk including 2 stairs.

6" Concrete Approaches				
Station	R or L	Area (SY)	Approach Description	
0+57.7 - 0+78.7	R	17.1	Driveway Approach - Detail Sheet D2	
1+78.1 - 2+13.0	L	23.9	Driveway Approach - Detail Sheet D2	
1+83.6 - 1+93.6	R	8.1	Approach Valley Gutter	
2+46.5 - 2+75.9	R	20.8	Driveway Approach - Detail Sheet D2	
2+79.2 - 3+08	R	20.3	Driveway Approach - Detail Sheet D2	
3+56.4 - 3+81.4	R	17.5	Approach Valley Gutter	
5+56.7 - 6+43.5	L	55.5	Approach Valley Gutter	
6+43.5 - 6+84.1	L	33.8	Approach Valley Gutter	
6+84.1 - 7+00.9	L	21.9	Approach Valley Gutter	
8+33.0 - 8+43.0	L	12.8	Approach Valley Gutter	
9+07.7 - 9+17.7	L	10.9	Approach Valley Gutter	
13+79.1 - 14+09.4	R	24.7	Driveway Approach - Detail Sheet D2	
15+31.1 - 16+16.4	L	39.0	Approach Valley Gutter	
15+63.1 - 16+16.9	R	49.3	Driveway Approach - Detail Sheet D2	
17+07.7 - 17+80.2	L	64.5	Driveway Approach - Detail Sheet D2	
18+01.4-18+43.4	R	30.2	Driveway Approach - Detail Sheet D2	
18+49.8 - 19+04.5	R	39.9	Driveway Approach - Detail Sheet D2	
18+81.1 - 19+25.3	L	19.4	Driveway Approach - Detail Sheet D2	
19+37.6 - 19+86.1	L	21.3	Driveway Approach - Detail Sheet D2	
19+42.5 - 21+32.1	R	145.9	Driveway Approach - Detail Sheet D2	
20+34.4 - 21+78.4	L	67.0	Approach Sidewalk	
22+66 - 22+99	L	24.3	Driveway Approach - Detail Sheet D2	
23+41 - 23+68.4	L	21.0	Driveway Approach - Detail Sheet D2	
24+03.1 - 24+13.1	R	7.3	Approach Valley Gutter	
24+38 - 24+82.3	L	22.7	Approach Sidewalk	
24+71 - 24+76.8	R	2.2	Approach Sidewalk	
24+99.9 - 25+43.2	L	22.3	Approach Sidewalk	
25+53.6 - 25+70.1	L	8.8	Approach Sidewalk	
26+01.2 - 26+27.5	L	14.6	Approach Sidewalk	
26+53.7 - 26+96.7	L	24.3	Approach Sidewalk	
26+74.3 - 26+84.3	R	7.0	Approach Valley Gutter	
28+88.7 - 29+13.9	L	10.4	Approach Sidewalk	
29+00.6 - 29+35.6	R	25.2	Driveway Approach - Detail Sheet D2	
30+03.8 - 30+67.1	L	24.3	Approach Sidewalk	

6" Concrete Approaches				
<u>Station</u>	R or L	Area (SY)	Approach Description	
30+11.7 - 30+29.7	R	4.1	Approach Sidewalk	
30+70.6 - 31+09.4	R	22.7	Approach Sidewalk	
31+00 - 31+24	L	24.0	Approach Sidewalk	
31+27.3 - 31+62.8	L	25.7	Driveway Approach - Detail Sheet D2	
31+64.7 - 31+82.8	L	5.6	Approach Sidewalk	
31+19.9 - 33+15.2	R	90.6	Approach Sidewalk / Driveway Approach - D2	
32+76.5 - 32+86.5	L	7.1	Approach Valley Gutter	
35+13.1 - 36+17	L	78.9	Driveway Approach - Detail Sheet D2	
35+76.4 - 35+84.5	R	4.9	Driveway Approach - Detail Sheet D2	
36+25 - 36+79.1	L	40.0	Driveway Approach - Detail Sheet D2	
37+76.8 - 37+90.5	R	3.6	Approach Sidewalk	
37+90.5 - 38+00.1	R	3.8	Driveway Approach - Detail Sheet D2	
38+46.9 - 38+56.9	R	4.3	Driveway Approach - Detail Sheet D2	
38+65.5 - 38+75.5	R	4.4	Driveway Approach - Detail Sheet D2	
40+20.4 - 40+38.5	L	9.5	Approach Sidewalk	
40+49 - 40+63.6	L	4.5	Approach Sidewalk	
40+76.9 - 40+86.9	R	4.4	Driveway Approach - Detail Sheet D2	
41+34.1 - 41+57.9	L	6.8	Approach Sidewalk	
41+81.6 - 41+97.6	L	4.7	Approach Sidewalk	
42+64.4 - 42+79.5	R	4.6	Approach Sidewalk	
42+71.4 - 42+92.6	L	6.2	Approach Sidewalk	
42+92.6 - 43+26.5	L	23.6	Driveway Approach - Detail Sheet D2	
43+91.7 - 44+07.6	L	5.2	Approach Sidewalk	
45+59.9 - 45+94.9	L	10.6	Approach Sidewalk	
46+40.2 - 46+50.2	L	7.3	Approach Valley Gutter	
46+68.6 - 46+75.6	R	5.0	Approach Valley Gutter	
47+07 - 47+17	R	7.3	Approach Valley Gutter	
47+44.1 - 47+54.1	L	7.3	Approach Valley Gutter	
48+31.1 - 48+45.1	R	6.3	Driveway Approach - Detail Sheet D2	
48+32.6 - 48+72.7	L	29.2	Driveway Approach - Detail Sheet D2	
48+88.2 -49+07.1	L	5.9	Approach Sidewalk	
49+01.6 - 49+15.6	R	4.0	Approach Sidewalk	
49+34.2 - 49+69	R	13.7	Approach Sidewalk	
Total		1444.5		

LINCOLN STREET WATER REPAIR STREET RECONSTRUCTION PROJECT SUMMARY TABLES - SHEET 2 OF 4

p2/26/24 DATE: CITY OF LANDER

:: +17063 DRAWN BY: ЪГ

REVIEWED BY:

SHEET NO.

3B

SUMMARY TABLES

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Water Service Line Remove And Replace				
Location			Description	
Station	R or L	Length (ft)	Special Type	
0+81.1	R	17.4	Remove & Install New Meter Pit	
1+20	L	42		
1+85	L	42.1		
1+88.5	R	16.8		
2+02.4	L	42.1		
2+50.8	R	16.8	Locate For Replacement	
2+75.2	L	42.8	·	
2+92.9	R	15		
3+51.2	L	43.5		
3+75.1	R	14		
3+76.4	R	14		
4+00.2	L	48		
5+88.1	L	44.6		
6+06.3	L	44.6		
6+40.9	L	44.6		
6+96.3	L	45.5		
8+38.2	L	44.6		
8+74.9	R	22.3		
			Remove & Install New Traffic Rated	
9+12.1	L	44.6	Meter Pit	
11+68	R	23.1		
12+09.2	L	44.7	4" Fire Suppression	
13+14.4	L	44.4		
13+35.3	R	21.6		
13+75.6	L	44.6		
14+00.9	R	21.6		
14+22.4	L	45.1		
14+57.3	R	21.6		
17+72.5	R	23		
19+92.8	L	37.7		
21+00.5	R	23		
21+37.7	R	22		
23+34.5	R	24		
23+58	L	29.3	(2) 1" Service to (1) 2"	
24+08.1	R	24	, , , , , , , , , , , , , , , , , , , ,	
25+03.6	R	23.4		
25+74.1	L	36.7		
26+79.2	R	23.7		
27+26.9	L	36.1		
28+21.6	L	34	Remove & Reset Existing Meter Pit	
29+09.5	L	34	,	
29+17.8	R	28.1		
29+85.8	L	33.8	Install New Service Line Complete	

Water Service Line Remove And Replace				
Loca	ation		Description	
Station	R or L	Length (ft)	<u>Special Type</u>	
30+38.1	L	33.8		
30+46.2	R	24.6		
30+48.6	L	33.8		
30+91.2	R	27		
31+30.2	R	27	Install New Service Line Comlplete	
31+97.7	L	33		
32+81.4	L	33		
33+89.1	L	33.5		
34+07.2	L	38.2		
35+81.2	R	22.8		
36+47.4	R	22		
36+56.4	L	36.3	Replace 1" Service W/ 4" Service Complete W/ 12 x 12 x 4 TEE	
37+13.6	R	20.7		
37+39.5	R	20.7		
37+60.4	L	32.9		
37+95	R	20.7		
38+51.7	R	20.4		
38+70.2	R	20.4		
40+24.5	R	20.4		
40+24.8	L	36.8		
40+81.8	R	22.6		
40+90.1	L	40.6	Remove Existing Meter Pit	
41+79.4	L	41.4		
42+01.6	L	40.6		
42+22.9	R	22.6		
42+59.2	L	40.6		
43+10	R	22.6		
43+73	L	33.6		
46+15.6	L	39.8		
46+44.9	L	39.8		
46+74.1	R	19.7		
47+11.7	L	39.8		
47+13	R	21.8		
47+48.9	L	39.8		
48+08.5	R	21.4		
48+38	R	21.4		
48+66.8	R	21.4		
49+24.9	L	39.8	Locate For Replacement	
49+39.3	R	21.2	Locate For Replacement	
Total		2493.3		

LINCOLN STREET WATER REPAIR STREET RECONSTRUCTION PROJECT SUMMARY TABLES - SHEET 3 OF 4

DATE: CITY OF LANDER

JPL

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REVIEWED BY: :: +17063 DRAWN BY:

SHEET NO. **3C**

SUMMARY TABLES



		Sewer Se	rvice Line Reconnect
Station	RorL	EA	Special Type/Note
1+12		1	4" New Service
1+71.8	L	1	Pipe Removal & Reconnect
2+09.2	R	1	
2+10.8	L	1	
2+59.4	R	1	
3+01.6	R	1	
3+51.7	L	1	
3+61	R	1	
4+28.8	L	1	
5+95.6		1	
6+07.8		1	
6+45	<u>-</u>	1	
6+95.6		1	
8+22.3	<u>-</u>	1	
8+43.8	<u>L</u>	1	
8+73.7	R	1	+
8+75.8	R	1	+
9+12.5	L	1	+
9+33.2	<u> </u>	1	_
9+35.9	L	1	
9+42.9	<u>L</u>	1	
9+75.7	R	1	Di Education de Discourse
11+82.6	R	1	Pipe Extention Installation & Reconnect
12+07.5	<u> </u>	1	Pipe Removal & Reconnect
12+59.6	L	1	Pipe Removal & Reconnect
12+70.8	R	1	Pipe Extention Installation & Reconnect
13+13.9	L	1	Pipe Removal & Reconnect
13+36.6	R	1	Pipe Extention Installation & Reconnect
14+12.5	L	1	Pipe Removal & Reconnect
14+12.5	R	1	Pipe Extention Installation & Reconnect
14+16.5	L	1	Pipe Removal & Reconnect
14+32.5	R	1	Pipe Extention Installation & Reconnect
14+91.9	R	1	Pipe Extention Installation & Reconnect
14+95.5	L	1	Pipe Removal & Reconnect (6" Sewer Connection)
15+17.8	R	1	Pipe Extention Installation & Reconnect
17+55.9	R	1	Pipe Extention Installation & Reconnect
18+34.1	L	1	Pipe Removal & Reconnect
18+63.5	L	1	Pipe Removal & Reconnect (6" Sewer Connection)
18+95.7	R	1	Pipe Extention Installation & Reconnect
19+13.8	Ĺ	1	Pipe Removal & Reconnect
19+59.2	L	1	Pipe Removal & Reconnect
20+11		1	Pipe Removal & Reconnect
20+58.4		1	Pipe Removal & Reconnect
20+99.5	R	1	Pipe Extention Installation & Reconnect
21+65.6	R	1	Pipe Extention Installation & Reconnect
22+39.9	R	1	Pipe Extention Installation & Reconnect
23+29.9	R	1	Pipe Extention Installation & Reconnect
23+29.9	L	1	Pipe Removal & Reconnect
24+40.9			Pipe Extention Installation & Reconnect
	R	1	
24+55.5	L		Pipe Removal & Reconnect
25+04.2	R	1	Pipe Extention Installation & Reconnect
25+46.6	L	1	Pipe Removal & Reconnect
26+22.9	R	1	Pipe Extention Installation & Reconnect (6" Sewer
			Connection
26+38.9	<u>L</u>	1	Pipe Removal & Reconnect
27+03	<u>L</u>	1	Pipe Removal & Reconnect (6" Sewer Connection
27+25.3	R	1	Pipe Extention Installation & Reconnect
28+14.6	L	1	Pipe Removal & Reconnect
28+65	R	1	Pipe Extention Installation & Reconnect

	Sewer Service Line Reconnect				
	Station	R or L	<u>EA</u>	Special Type/Note	
Ī	29+08	L	1	Pipe Removal & Reconnect	
Ī	29+24.2	R	1	Pipe Extention Installation & Reconnect	
Ī	30+23.5	L	1	Pipe Removal & Reconnect	
	30+36	R	1	6" New Service	
Ī	30+47	R	1	Pipe Extention Installation & Reconnect	
Ī	30+48.1	L	1	Pipe Removal & Reconnect	
Ī	30+60.3	R	1	Pipe Extention Installation & Reconnect	
	30+62.6	R	1	Pipe Extention Installation & Reconnect	
	30+89	L	1	Pipe Removal & Reconnect	
	30+97	R	1	6" New Service	
Ī	31+21.8	R	1		
	31+39.1	R	1		
	31+39.1	L	1		
	31+95.5	L	1		
	32+09.6	R	1		
	32+15.8	L	1		
	34+78.9	R	1		
	34+92.2	L	1		
	35+57.1	R	1		
[36+08.9	R	1		
	36+47.5	L	1		
	36+54.7	R	1		
	36+57.8	L	1		
	37+26	R	1		
	37+33.2	R	1		
	37+77.8	L	1		
	38+19	R	1		
	38+22.5	R	1		
	40+23.5	L	1		
	40+28.9	R	1		
	40+86.5	R	1		
L	40+89.1	L	1		
Į	41+69.5	R	1		
	41+98.3	L	1		
	42+18.8	R	1		
ļ	42+52.1	L	1		
ļ	43+08.5	R	1		
	43+17	L	1		
	43+25.4	R	1		
	44+33.3	R	1		
Ļ	44+54	R	1		
	45+42	R	1	Install New 6" Sewer Service Line	
	46+10.5	L	1		
	46+12.2	R	0	Abandon Existing 4" Service Line	
	46+29.7	L	1		
	46+38.6	L	1		
	47+04.8	R	1		
[47+06.5	L	1		
[47+22.7	L	1		
	47+30.8	L	1		
ļ	48+10.1	R	1		
	48+24.9	R	1		
	48+92	L	1		
	49+04.5	R	1		
	49+54.8	R	1		
	49+72.1	R	1		
ſ	Total		(113		
L					

LINCOLN STREET WATER REPAIR STREET RECONSTRUCTION PROJECT SUMMARY TABLES - SHEET 4 OF 4

DATE: CITY OF LANDER

:: +17063 DRAWN BY: JPL

REVIEWED BY:

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SHEET NO. **3D**

