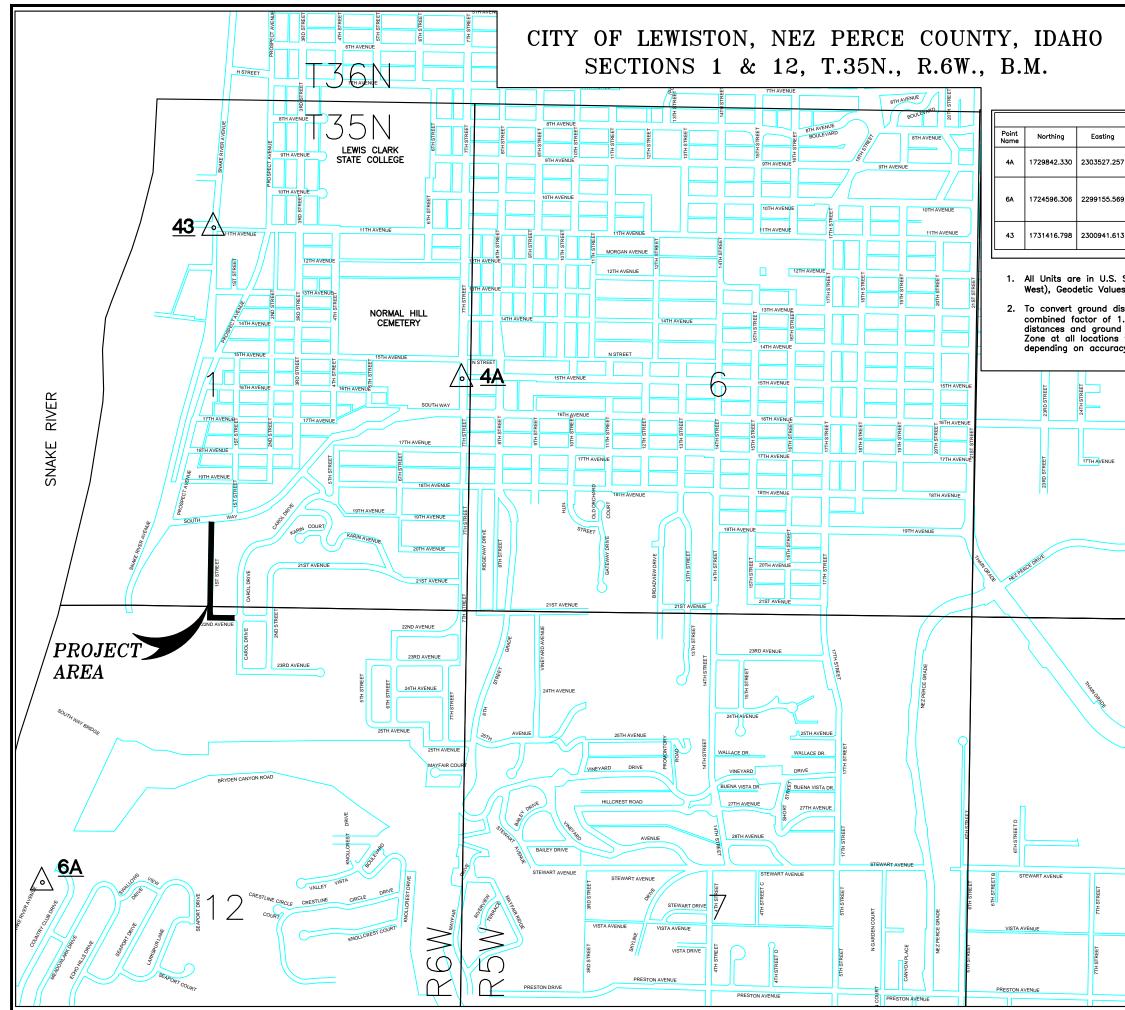


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### GENERAL CONSTRUCTION

1. All construction work shall conform to the City of Lewiston Standards and Specifications and the 2012 version of the Idaho Standards for Public Works Construction (ISPWC). In the case of conflict, the Project Plans and Technical Specifications will prevail over City Standards which will prevail over ISPWC.

2. The Contractor and Utility Contractors shall attend a pre-construction conference (and on-site meeting with the City of Lewiston Public Works Supervisor) prior to start of work. The Contractor shall conduct a weekly project meeting with the Engineer and City.

3. Contractors shall notify the appropriate agency when materials are on site or inspection of the work is required. No work may begin on any project without Twenty Four (24) hours prior notice

4. Work subject to approval by any governmental agency must be approved prior to (A) backfilling trenches for pipe: (B) placing of aggregate base: (C) placing of concrete: (D) placing of asphalt paving. All newly installed stormwater and wastewater lines shall be videoed per Lewiston Public Works Policy #2012-2 prior to paying and prior to payment.

5. Inspection, approval and final acceptance of all construction shall be by the Public Works Department, and their decision shall be final. Such inspection shall not relieve the contractor from the responsibility of performing the work in an acceptable manner in accordance with the DEQ approved construction plans.

6. Any deviation from the approved plans and specifications must have the applicable agency approval in writing prior to construction.

7. The Contractor shall promptly remove from the vicinity of the completed work, all rubbish, mud in streets, removed materials, all excess materials, construction equipment, temporary structures, and facilities used during construction. Final acceptance and final payment will be withheld until the Contractor has satisfactorily cleaned the site, including staging and waste areas as determined by Public Works Department.

8. Adjacent streets shall not be simultaneously closed. Contractor shall maintain critical access points as shown in the plans. Properties with water and sewer services impacted by construction activities shall be notified of construction activities a minimum of 2 days prior to disturbing their service(s).

9. Contractors shall be responsible for coordinating with affected franchise utilities during construction.

10. Contractor is likely to encounter abandoned pipes, utilities, or other miscellaneous items during excavation; they are to be removed, incidental to related items. **TRAFFIC CONTROL** 

### 1. Contractor shall be responsible to provide traffic control plans for each phase of construction as shown on the "construction phasing diagram", Drawing P-1 and the traffic flow diagrams on Drawings P-2 thru P-6. These plans shall include consideration of pedestrian traffic, both to business entrances and along sidewalks.

2. The traffic control plan for each phase of construction (see "construction phasing diagram", Drawing P-1) shall be submitted to the Engineer at least ten working days before construction, and must be approved by the Engineer prior to beginning work.

3. All traffic control items shall be included in bid item 1103.4.1.b.1 construction traffic control.

4. Traffic control items and signs required to accommodate the specific construction situation, shall be included in the bid price. Signs, flaggers, channelization devices and other traffic control items shall be in accordance with the current Manual on Uniform Traffic Control Devices (MUTCD 2009).

5. One lane of traffic, with flaggers, shall remain open during working hours. One lanes of traffic sufficiently signed and delineated shall be open to traffic during non-working hours.

6. Place channelization devices (cones, barrels, etc.) On the outside lane edge adjacent to the excavation area in accordance with the MUTCD. Place applicable signs (shoulder drop off, etc.) And warning devices as conditions warrant during construction.

7. All traffic control plans shall be submitted on an aerial photo and shall be drawn to scale.

8. Minimum allowable traffic lane width shall be 10 ft.

#### ROADWAY

1. All Contractors working within the public road right-of-way are required to secure a right-of-way construction permit from the City of Lewiston at least twenty four (24) hours prior to any construction. The City will pay the ROW fee for this project.

2. The City of Lewiston will inspect all work within the public rights-of-way to include utility trenches above the pipe zone. The City will inspect all connections to existing infrastructure (water, sewer, and storm drain).

3. It shall be the Contractor's responsibility to coordinate changes to traffic and pedestrian lights with the City of Lewiston Street Maintenance Division.

4. For the shown landscaped areas, the Contractor shall be responsible for coordinating with, excavating planting beds, and backfilling with topsoil supplied by the City of Lewiston Parks and Recreation Department (Parks & Rec) as well as stubbed irrigation lines. Parks & Rec will purchase and install trees, shrubs, plants, mulch, and irrigation sprinklers and emitters.

5. All asphalt joints shall be saw cut unless specifically noted otherwise in the drawings.

6. Final and temporary striping of newly paved streets will be the responsibility of the City of Lewiston.

7. The coal chute shown in the plans shall be sealed and protected immediately after concrete removal.

### PUBLIC SURVEY MONUMENT

1. All found public and private survey monuments including centerline monuments, section corners, property pins and reference monuments in the project area are to be shown on the construction plans, referenced before they are disturbed by construction, and reestablished prior to project completion per Idaho Code Title 55, Chapter 16. All public and private land survey monuments that will be disturbed by construction activities must be referenced by an Idaho licensed professional land surveyor prior to disturbance. All disturbed public and private monuments shall be reestablished by an Idaho licensed professional land surveyor before project completion. If monuments are found during construction that are not shown on the construction plans, the monuments must be referenced and reestablished by an Idaho licensed professional land surveyor. Section corner monuments disturbed and reestablished after construction shall have corner records completed and recorded at the Nez Perce County Recorder's office.

### WATER / SEWER

1. Construction of potable water lines shall conform to the standards in the "Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08)" as well as ISPWC 2012. Properties shall be notified as outlined in General Construction Note No. 8. Standards and specifications referred to in the General Construction Note No. 1.

2. The horizontal separation of potable water mains and non-potable water mains (sanitary sewer, storm drain, and irrigation) shall be a minimum of ten (10) feet. Where it is necessary for potable water main and non-potable water main to cross with less than eighteen (18) inches of vertical separation, the crossing shall be constructed in accordance with Section 542.07 of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08) and Section 430.02 of the Wastewater Rules (IDAPA 58.01.16).

3. The Contractor shall be responsible for notifying existing water users prior to disrupting service in accordance with General Construction Note No. 8. No user shall be without water or sewer service overnight. No user shall be without water and sewer for more than 4 hours during normal business hours.

4. All water works components shall be ANSI/NSF 61 Certified, and must meet all American Water Works Association (AWWA) and standard requirements of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08).

5. The design, construction, installation, maintenance and materials to complete a temporary dewatering system to provide adequate dewatering during construction will not be measured and paid for separately but included in the project.

6. All utility crossings are considered incidental to the project unless otherwise noted.

7. All sewer service laterals shown are drawn from the observed connection point at a 2 percent slope and 90 degree horizontal angle from the sewer line. Actual depth and alignments may vary

8. Utility locations shown are approximate. Contractor shall verify exact locations in field prior to excavation. Any utilities damaged during construction shall be repaired by the contractor or utility company, at the contractor's expense, to the satisfaction of the utility company. Contractors shall be responsible to contact the local one-call system at 811 at least two days prior to any digging.

9. The new water main shall be constructed in accordance with these plans and the City of Lewiston Standard Drawings. All work shall also be accordance with the specifications of the Idaho Standards for Public Works Construction. All work shall be subject to acceptance by the City of Lewiston pursuant to the engineering department's current inspection checklist.

10. The new water main shall be constructed in the sequence indicated by the phasing plan, unless otherwise directed.

11. Thrust blocks shall be installed at all fitting locations specified by City Standard Drawing 4-4. Thrust blocks shall be constructed to sizes based on allowable soil stress of 2000 psi. All mechanical joints 10" and smaller shall be equipped with ring-type grip restraint devices.

12. The contractor shall pressure test the new water main in accordance with the phasing plan and AWWA C600.

13. Disinfection shall be by the City according to the phasing plan Drawing P-7.

14. Connection to existing mains shall be in the presence of City Water Dept. personnel.

### STORM SEWER

1. Catch basins and manholes shall be constructed per City of Lewiston, Idaho Public Works Department Standards. See drawing 6-1 through 6-12 for drawing details. Stormwater Type 1 Catch Basin, Std. Dwg 6-8 shall be provided at all locations where pipe sizes permit. Stormwater Type 1a Catch Basin, Std. Dwg 6-9 shall be provided at all locations where larger pipe sizes require their use. All catch basins shall have curb openings unless located within a driveway. Curb openings may be eliminated only in special circumstances and only as approved by the Engineer. Where inlet locations have moved along the curb from the existing location to a new location, the flow line of the gutter or asphalt shall be formed to ensure positive drainage to the new inlet location. Slopes shall not exceed 20% unless approved by the Engineer. Field verification that gutter flow can be achieved shall be performed by the contractor prior to the installation of the inlet.

2. Removal of existing storm drain and pipe within the project limits shall be incidental to the new pipe being installed in the same or nearby location. The City will retain ownership of all removed frames, grates, and lids. Contractor shall stockpile removed items in a location designated by the City. Pipes, catch basins, inlets and manholes that shall be removed or abandoned are as shown on the removal plan. Pipes to be abandoned shall be plugged at the disconnected end with a concrete plug. Manholes deeper than 4 feet may be abandoned by removing the top 4 feet of the manhole riser and backfilling with 3/4" aggregate or flowablefill. Compaction within and above the abandoned manhole is required.

3. Manhole lids shall be rotated on the underlying structure so they are out of wheel paths.

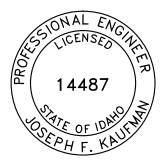
4. Several locations are called out in the plans to connect existing storm drain components to new storm drain components. Work and materials for these connections shall be considered incidental to the new storm drain components unless specifically stated. Industry standard connections shall be used. When coring and grooving is required, a non-shrinking grout shall be used.

6. All utility crossings are considered incidental to the project unless otherwise noted.

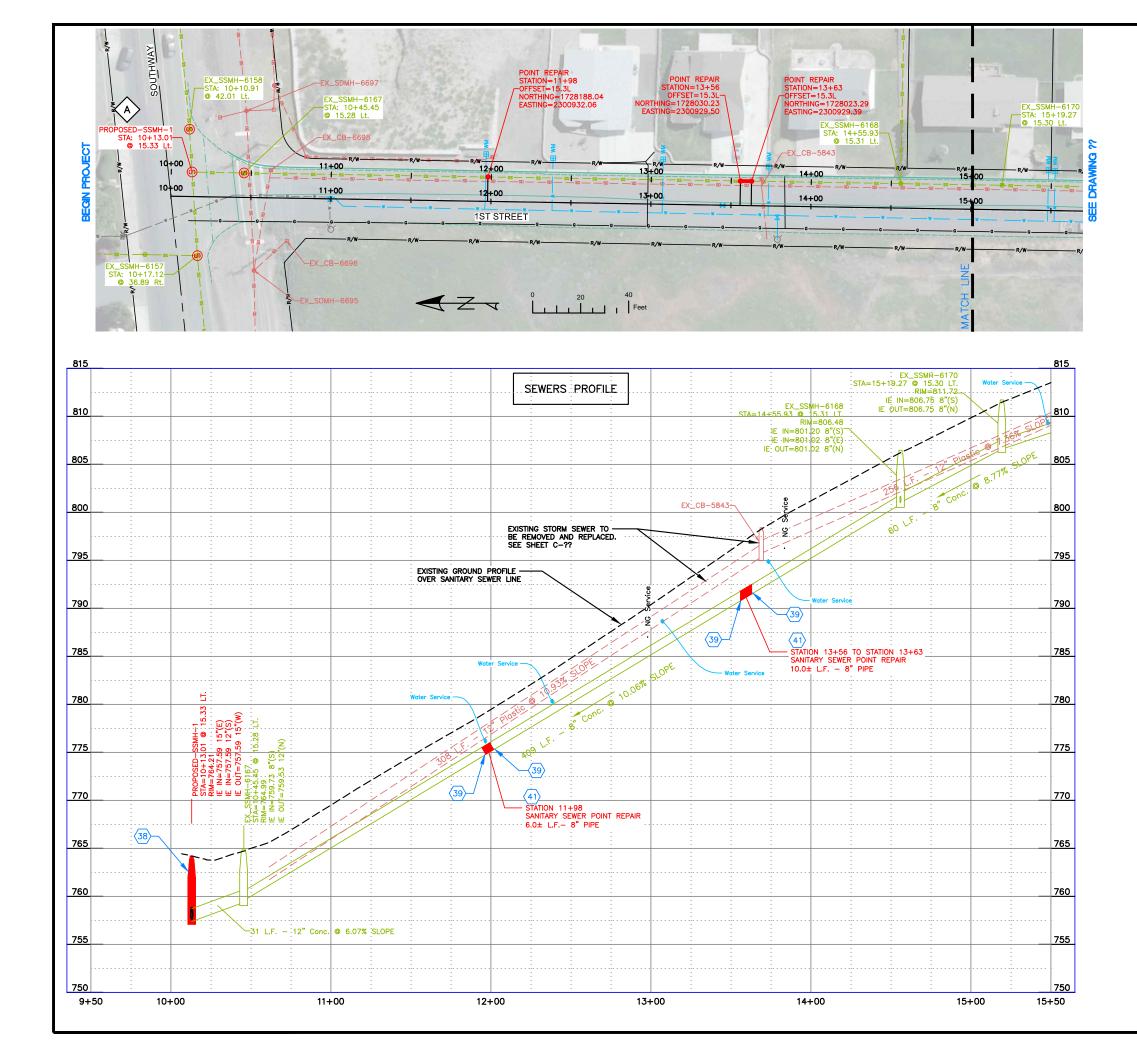
7. Contractor to maintain and preserve construction site drainage. Damage caused by weather will be the responsibility of the contractor. Cleanup and repair will be at the contractor's expense

8. Catch basins and manholes shall have the pipes completely grouted on the interior and exterior prior to active use for stormwater connivance

9. Storm drain pipes shall not be grouted until the temperature of the new pipes has equalized to adjacent structures. Grout gaps due to thermal contraction of storm pipes shall be fixed at the Contractor's expense prior to payment.



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- GENERAL NOTES
   ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
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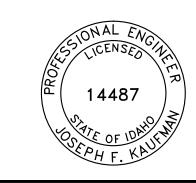
## SPECIAL NOTES

A Place new manhole at existing tee. Tie in existing pipes.

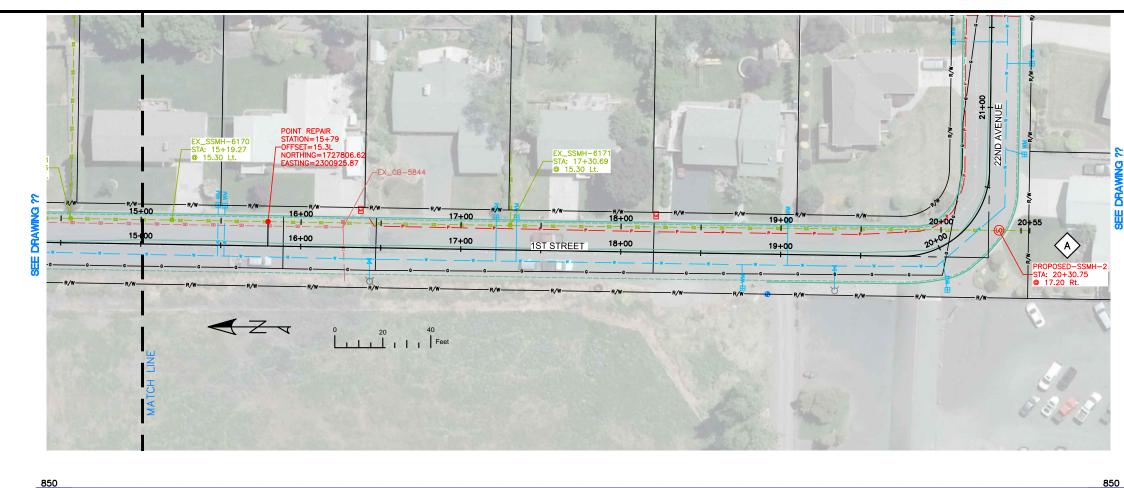
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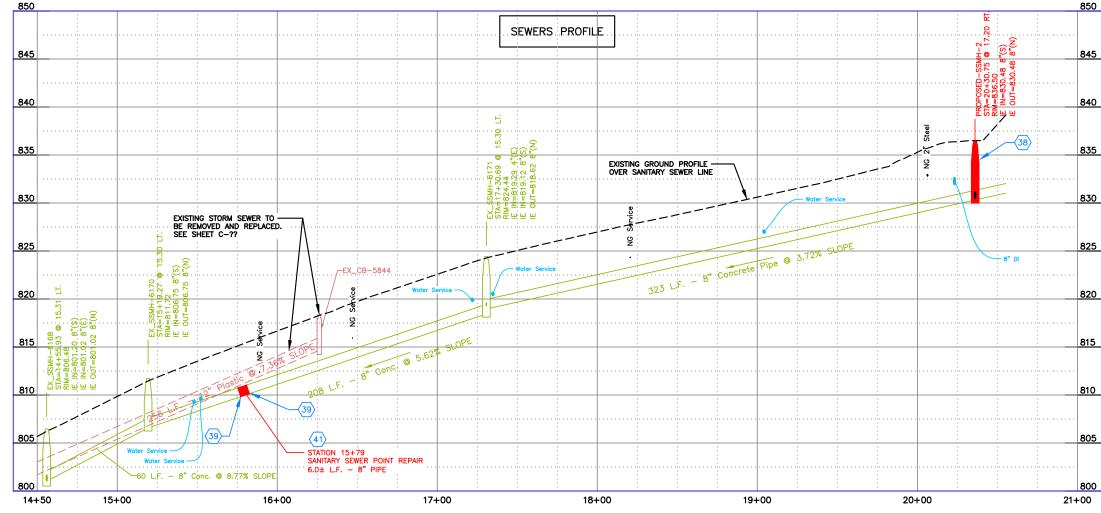
# PAY ITEMS

38 Sanitary Sewer Manhole - Type A, Item 502.4.1.A.1
$\langle \overline{39} \rangle$ Install 8" Full Circle Clamp, Item 507.4.1.D.3A
(40) Replace 4" Dia. Pipe, Item 507.4.1.E.1A
(41) Replace 8" Dia. Pipe, Item 507.4.1.E.1B
(42) Repair Service Connection, Item 507.4.1.F.1
(43) Remove Manhole, Item 507.4.1.H.1
(44) Remove Flush Tank, Item 507.4.1.H.3
45 Remove Lampwell, Item 507.4.1.H.5
46 Bypass Sewer Pumping, Item 509.4.1.E.1
$\langle 47 \rangle$ Sewer Main Crossing, Item SP-507B
(48) Cut/Plug Inactive Sewer Service, Item SP-507B



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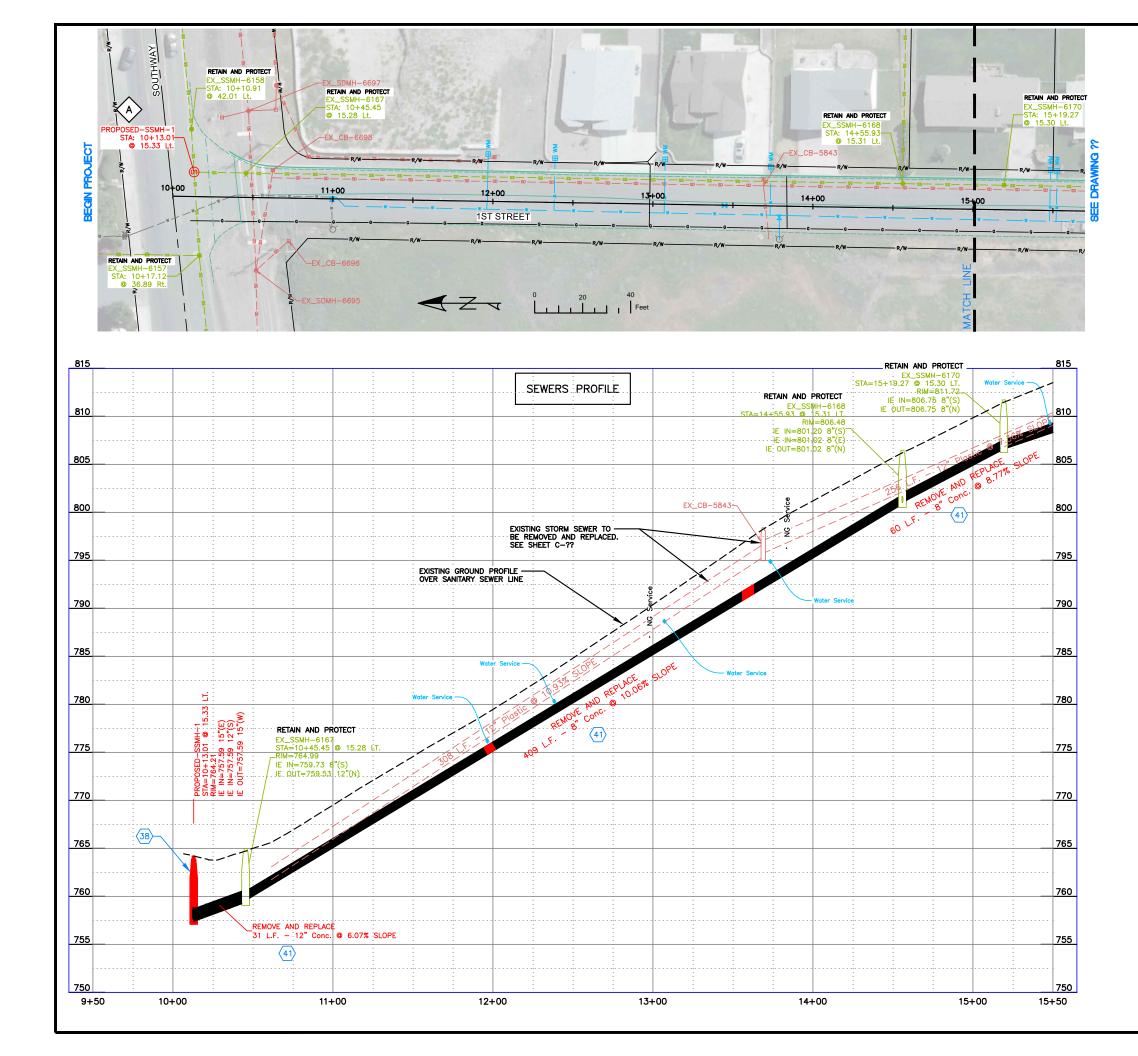


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<ul> <li>(40) Replace 4" Dia. Pipe, Item 507.4.1.E.1A</li> <li>(41) Replace 8" Dia. Pipe, Item 507.4.1.E.1B</li> <li>(42) Repair Service Connection, Item 507.4.1.F.1</li> <li>(43) Remove Manhole, Item 507.4.1.H.1</li> <li>(44) Remove Flush Tank, Item 507.4.1.H.3</li> </ul>			NOT FOR	PRELIMINARY	CONSTRUCTION	
<ul> <li>(45) Remove Lampwell, Item 507.4.1.H.5</li> <li>(46) Bypass Sewer Pumping, Item 509.4.1.E.1</li> <li>(47) Sewer Main Crossing, Item SP-507B</li> <li>(48) Cut/Plug Inactive Sewer Service, Item SP-507B</li> <li>(48) Cut/Plug Inactive Sewer Service, Item SP-507B</li> </ul>		<b>1ST STREET INFRASTRUCURE</b>		<b>REPAIR PROJECT</b>		SANITARY SEWER ALTERNATE A, PLAN & PROFILE
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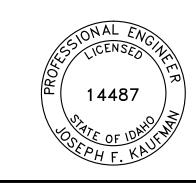
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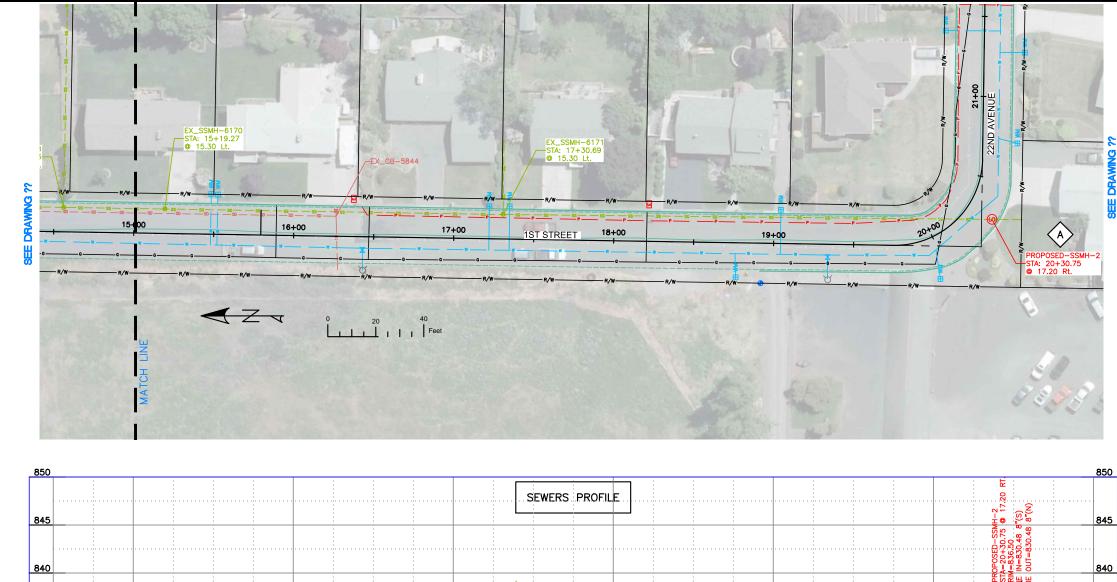
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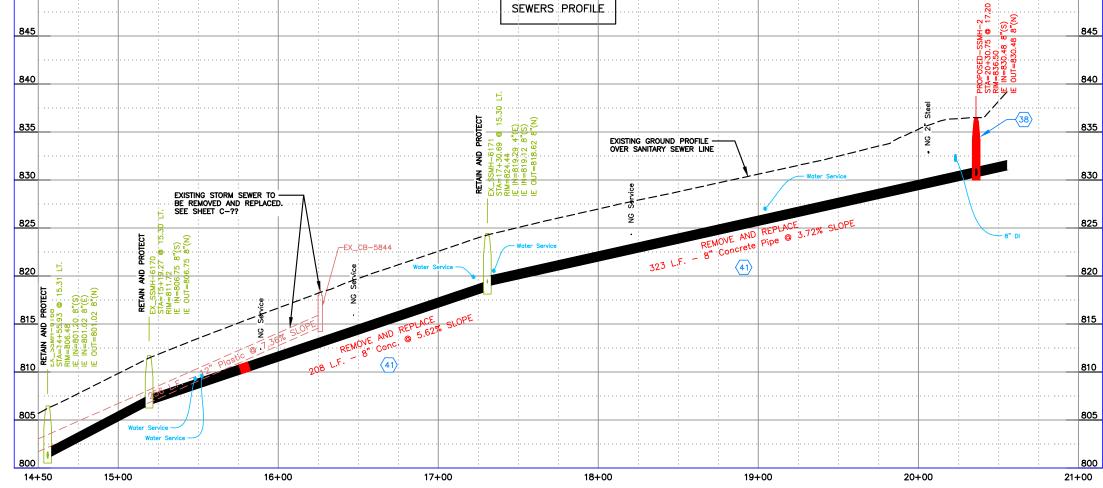
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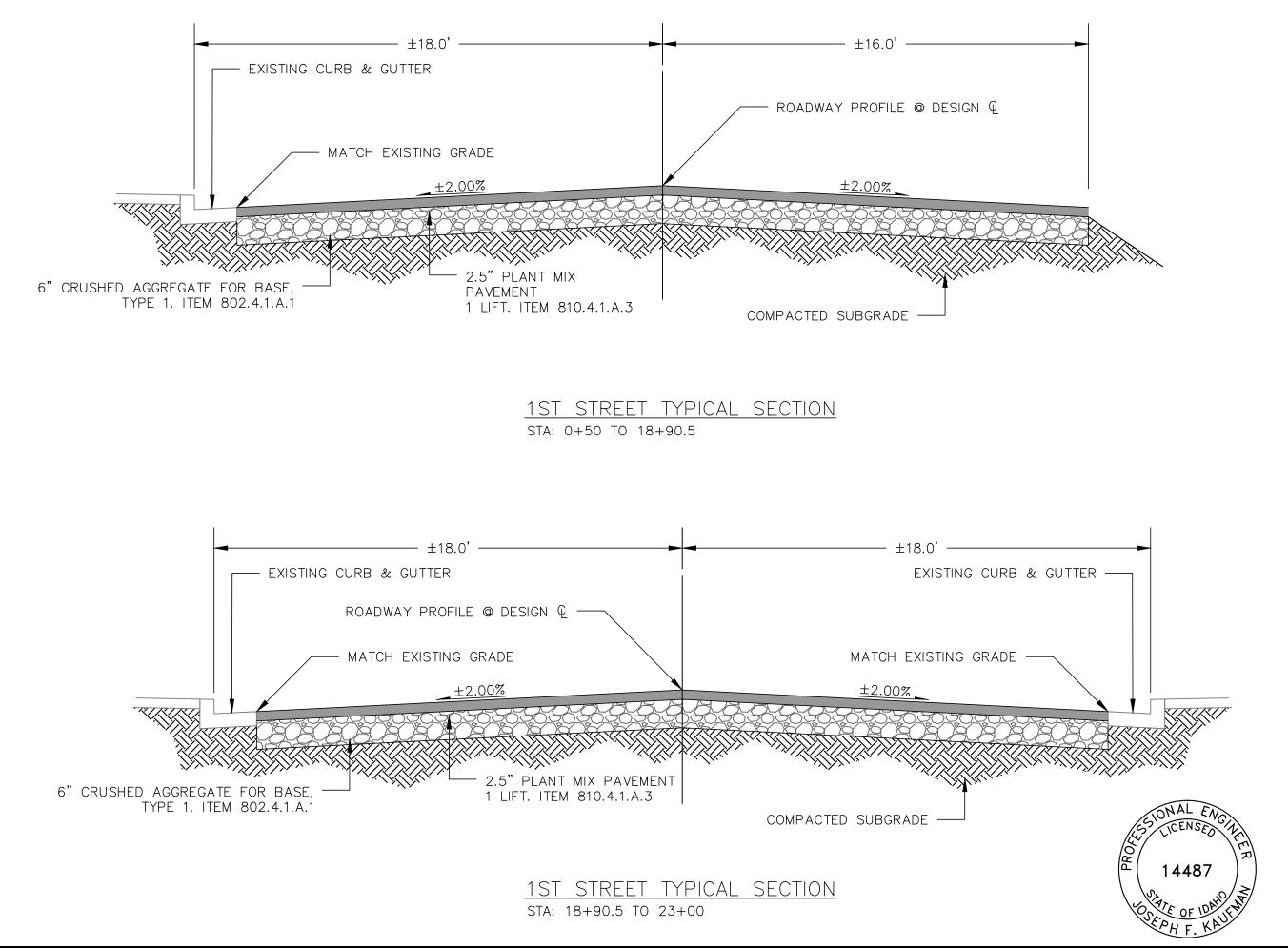
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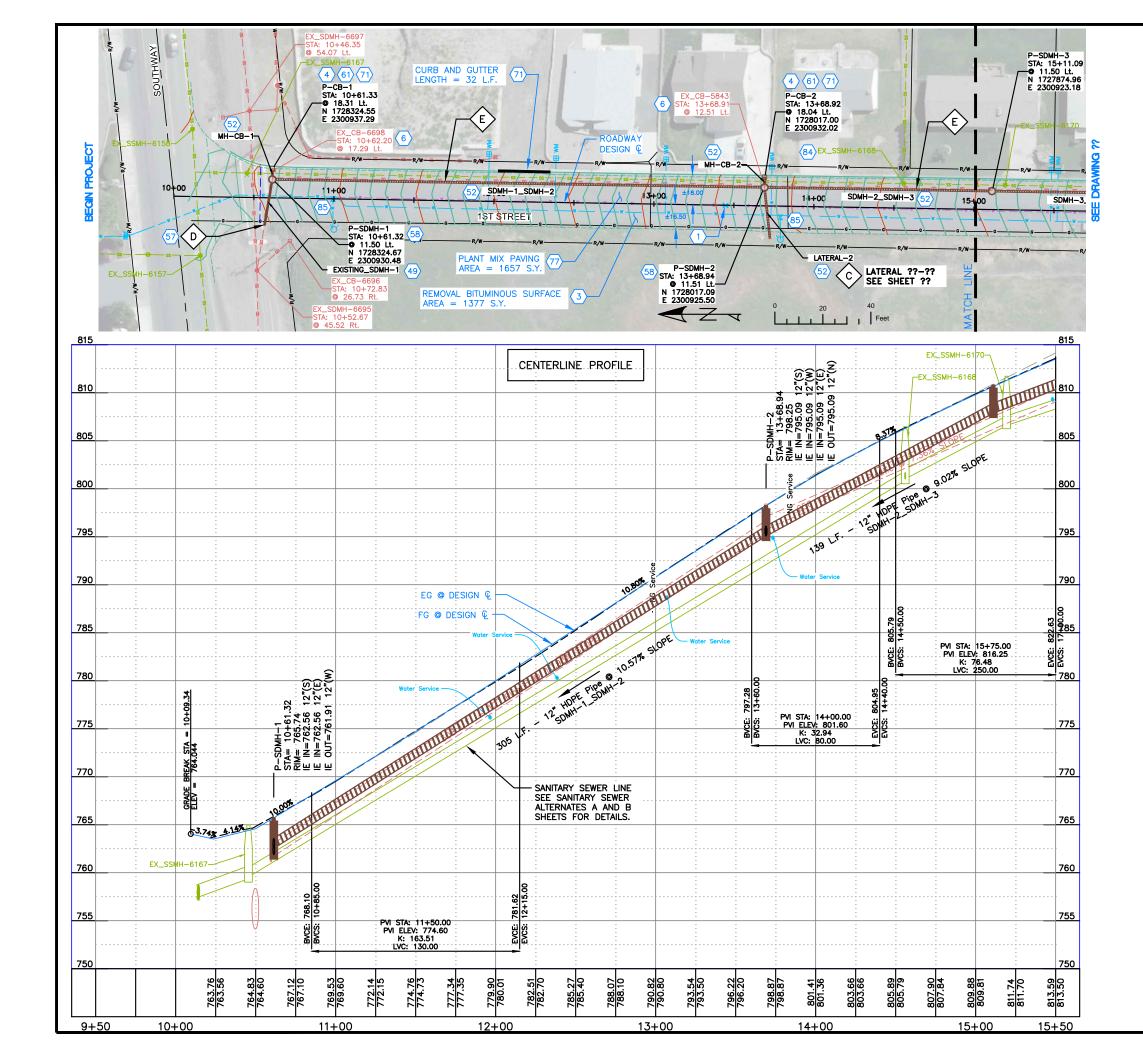
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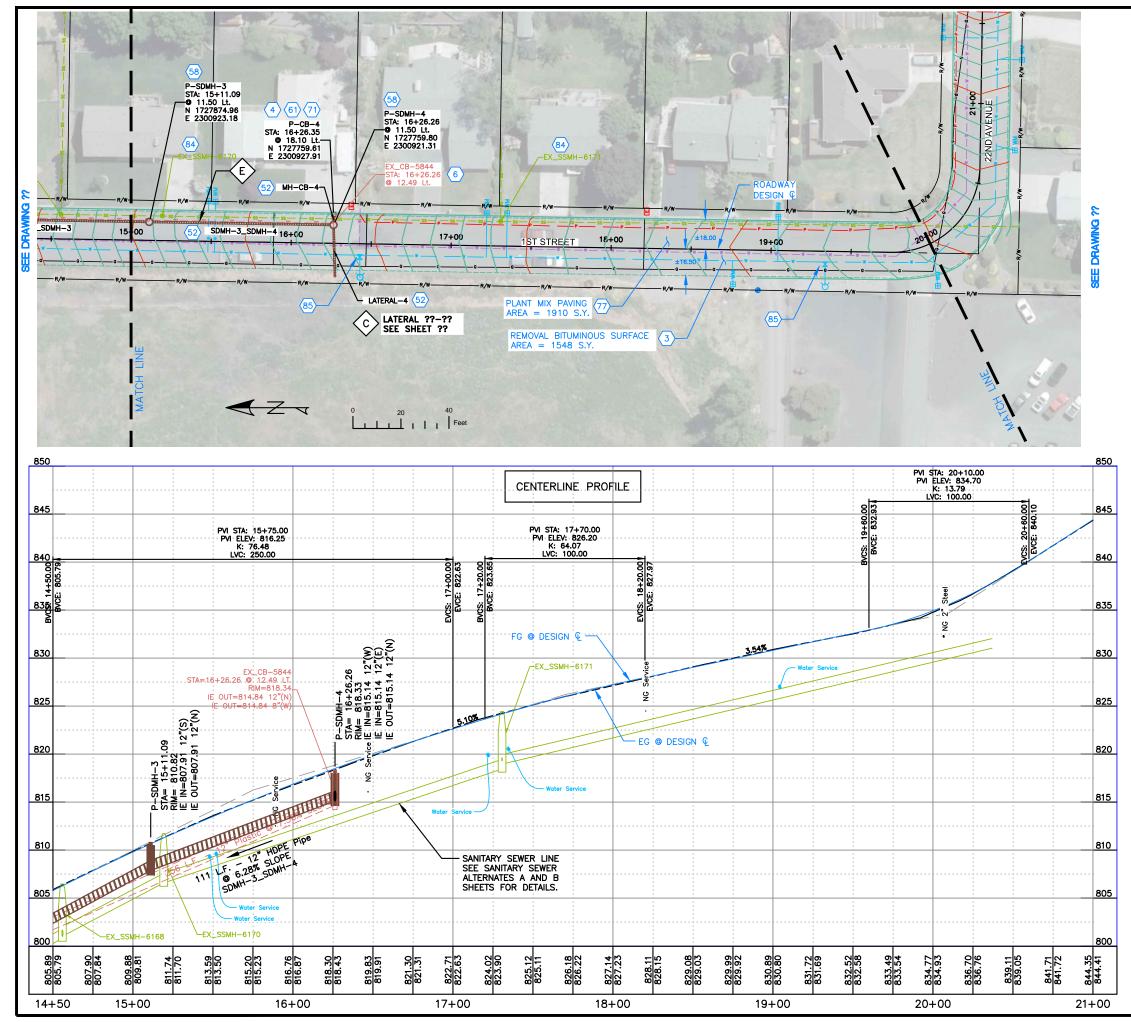
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GENERAL NOTES 1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES. 2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE. 3. NORTHINGS AND EASTINGS ARE SHOWN TO THE		510	WORKS	10	215 "D" Street, Lewiston, ID 83501-1930 Phone: 208-746-1316 Fax: 208-746-5595
CENTER OF MANHOLES AND CENTER OF CATCH BASIN. TYPE 1 INLETS LOCATIONS WILL NEED TO BE ADJUSTED TO FIT CURB LINE AND FLOW LINE CONDITIONS.	2	AL	PUBLIC		215 "D" Street, Lew Phone: 208-746-131
Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.				BΥ	
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<u>روگی</u>	REVISIONS			DESCRIPTION	BMI
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PAY ITEMS				DATE	
T Removal of Obstruction, Item 201.4.1.C.1			$\left  \right $		
3 Removal of Bituminous Surface, Item 201.4.1.D.2				ÖZ	
(4) Removal of Curb, Item 201.4.1.E.1			RY	z	
<ul> <li>(6) Removal of Catch Basin, Item 201.4.1.F.2</li> <li>(7) Abandon Pipe In Place, Item SP-201A</li> </ul>		FOR	NA	JCTIO	
(a)     Abandon Pipe Removal, Item SP-2018		NOT FOR	PRELIMINARY	CONSTRUCTION	
(10) Excavation, Item 202.4.1.C.1			PRE	ö	
(49) 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.4.5A					
52 Polyethylene (CPP), Item 601.4.1.A.17A					
Existing Storm Drain Connection, Item SP 601.4A		r.1			ILE
Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A		IST STREET INFRASTRUCURE			STREET - STORM DRAIN PLAN & PROFIL
61) Catch Basin — City of Lewiston Std (Type 1), Item SP 602.4B		RUC	G		N & I
T1 Standard 6inch Vertical Curb & Gutter, Item 706.4.1.A.5		<b>TST</b>	REPAIR PROJECT		PLA
Crushed Aggregate for Base, Type 1, Item 802.4.1.A.1		FRE	PRC		AIN
77 Plant Mix Pavement, Item 810.4.1.A.3		Z	IR]		DR/
(84) Manhole, Adjust to Grade Item 2030.4.1.A.1		ET	PA		RM
85 Valve Box, Adjust to Grade Item 2030.4.1.C.1		RE	RE		STO
(86) Miscellaneous Utility, Adjust to Grade, Type Water Meter Cover Item 2030.4.1.D.1		IS			- <b>T</b> E
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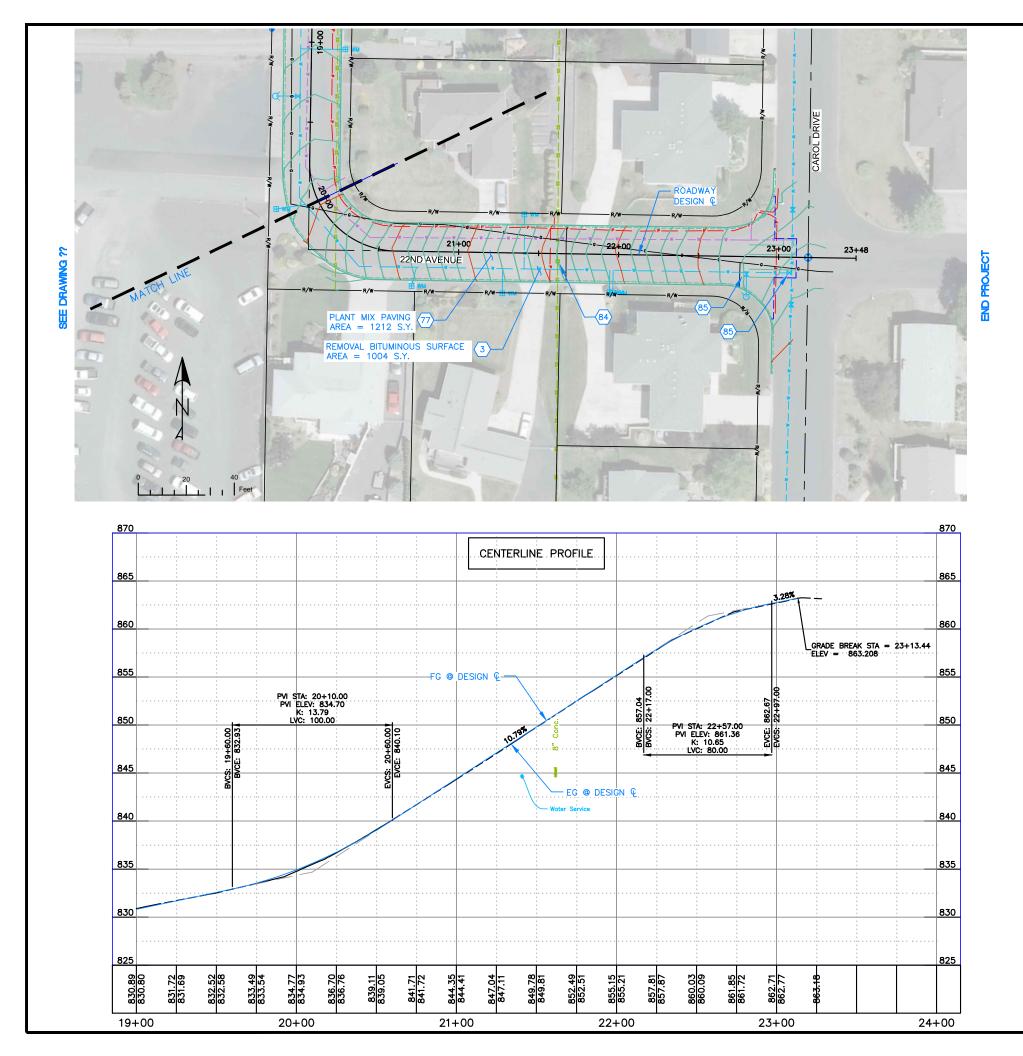
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SHEET 9 OF 12



GENERAL NOTES         1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.         2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.         3. NORTHINGS AND EASTINGS ARE SHOWN TO THE CENTER OF MANHOLES AND CENTER OF CATCH BASIN. TYPE 1 INLETS LOCATIONS WILL NEED TO BE ADJUSTED TO FIT CURB LINE AND FLOW LINE CONDITIONS.         SPECIAL NOTES				PUBLIC WORKS	1861	215 "D" Street, Lewiston, ID 83501-1930 Phone: 208-746-1316 Fax: 208-746-5595
Lateral Elevations and Profiles.					ΒY	
pipe.						
E Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.						
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(E) ??	REVISIONS				DESCRIPTION	25% SUBMIT
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$\sqrt{1}$ Removal of Obstruction, Item 201.4.1.C.1					DATE	
$\overline{\langle 3 \rangle}$ Removal of Bituminous Surface, Item 201.4.1.D.2					ġ	
4 Removal of Curb, Item 201.4.1.E.1						
6 Removal of Catch Basin, Item 201.4.1.F.2		0	2	PRELIMINARY	NOI	
$\left< \overline{7} \right>$ Abandon Pipe In Place, Item SP-201A		T EOI		Σ Σ	<b>IRUCI</b>	
$\langle 8 \rangle$ Abandon Pipe Removal, Item SP-201B				ELII	CONSTRUCTION	
(10) Excavation, Item 202.4.1.C.1				4	Ŭ	
52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A						
57 Existing Storm Drain Connection, Item SP 601.4A						
Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A		E				FILE
√61) Catch Basin − City of Lewiston Std (Type 1), Item SP 602.4B		ICUI				PRO
T1 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5		RL	Ę	5		NN ©
Crushed Aggregate for Base, Type 1, Item 802.4.1.A.1		<b>IS</b>		<b>KEPAIK PKUJECI</b>		PL/
$\langle \overline{77} \rangle$ Plant Mix Pavement, Item 810.4.1.A.3		FR/	Ì	X		AIN
$\langle 84 \rangle$ Manhole, Adjust to Grade Item 2030.4.1.A.1		Ξ		X		DR/
$\langle 85 \rangle$ Valve Box, Adjust to Grade Item 2030.4.1.C.1		E		A		RM
86 Miscellaneous Utility, Adjust to Grade, Type Water Meter Cover Item 2030.4.1.D.1		<b>1ST STREET INFRASTRUCURE</b>		KE		STREET - STORM DRAIN PLAN & PROFILE
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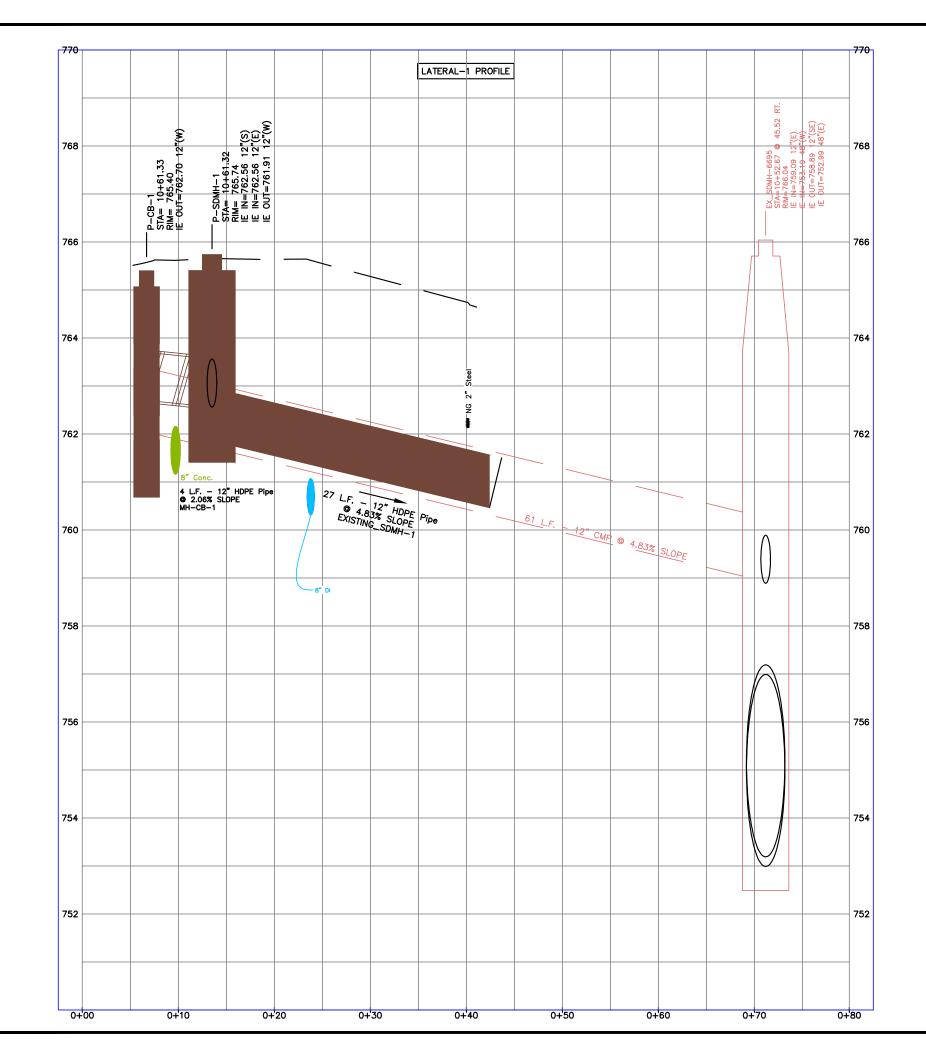
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		SHEET 10 OF	12



GENERAL NOTES         1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.         2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.         3. NORTHINGS AND EASTINGS ARE SHOWN TO THE CENTER OF MANHOLES AND CENTER OF CATCH BASIN. TYPE 1 INLETS LOCATIONS WILL NEED TO BE ADJUSTED TO FIT CURB LINE AND FLOW LINE CONDITIONS.         SPECIAL NOTES         C Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.	A CONTRACTOR	PUBLIC WORKS	BY 215 "D" Street, Lewiston, ID 83501-1930 Phone: 208-746-1316 Fax: 208-746-5595
<ul> <li>Connect Existing Storm Drain to end of new pipe.</li> <li>Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.</li> <li>Provide Provide Provid</li></ul>	REVISIONS		25% SUBMITTAL
<ol> <li>Removal of Obstruction, Item 201.4.1.C.1</li> <li>Removal of Bituminous Surface, Item 201.4.1.D.2</li> <li>Removal of Curb, Item 201.4.1.E.1</li> <li>Removal of Catch Basin, Item 201.4.1.F.2</li> <li>Abandon Pipe In Place, Item SP-201A</li> <li>Abandon Pipe Removal, Item SP-201B</li> <li>Excavation, Item 202.4.1.C.1</li> <li>Storm Drain Pipe, Type S, Corrugated</li> </ol>			CONSIRUCTION NO. DATE
<ul> <li>Polyethylene (CPP), Item 601.4.1.A.17A</li> <li>Existing Storm Drain Connection, Item SP 601.4A</li> <li>Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A</li> <li>Catch Basin - City of Lewiston Std</li> <li>(Type 1), Item SP 602.4B</li> <li>Standard 6-inch Vertical Curb &amp; Gutter, Item 706.4.1.A.5</li> <li>Crushed Aggregate for Base, Type 1, Item 802.4.1.A.1</li> <li>Plant Mix Pavement, Item 810.4.1.A.3</li> <li>Manhole, Adjust to Grade Item 2030.4.1.C.1</li> <li>Miscellaneous Utility, Adjust to Grade, Type Water Meter Cover Item 2030.4.1.D.1</li> </ul>	1ST STREET INFRASTRUCURE	REPAIR PROJECT	STREET - STORM DRAIN PLAN & PROFILE
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SHEET II OF I2



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RE -   12	'N		CONSTRUCTION	NO. DATE	DESCRIPTION	BΥ	1001
2		STORM DRAIN LATERALS			25% SUBMITTAL		215 "D" Street, Lewiston, ID 83501-1930 Phone: 208-746-1316 Fax: 208-746-5595

