

CONSTRUCTION/RECORD DRAWINGS

DOWNTOWN IRRP-2016

SW 1/4, SEC. 31, T.36N., R.5W., B.M.
SE 1/4, SEC. 36, T.36N., R.6W., B.M.

CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

(BID DOCUMENTS)

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F-4 TO F-6	INTERSECTION DETAILS (STREETS)

TRAFFIC

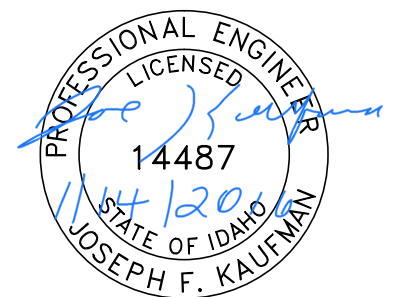
T-1	CRITICAL ACCESS PLAN
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AGENCY TELEPHONE NUMBERS

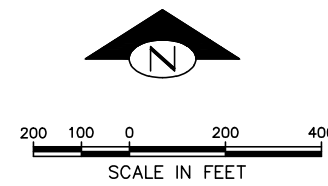
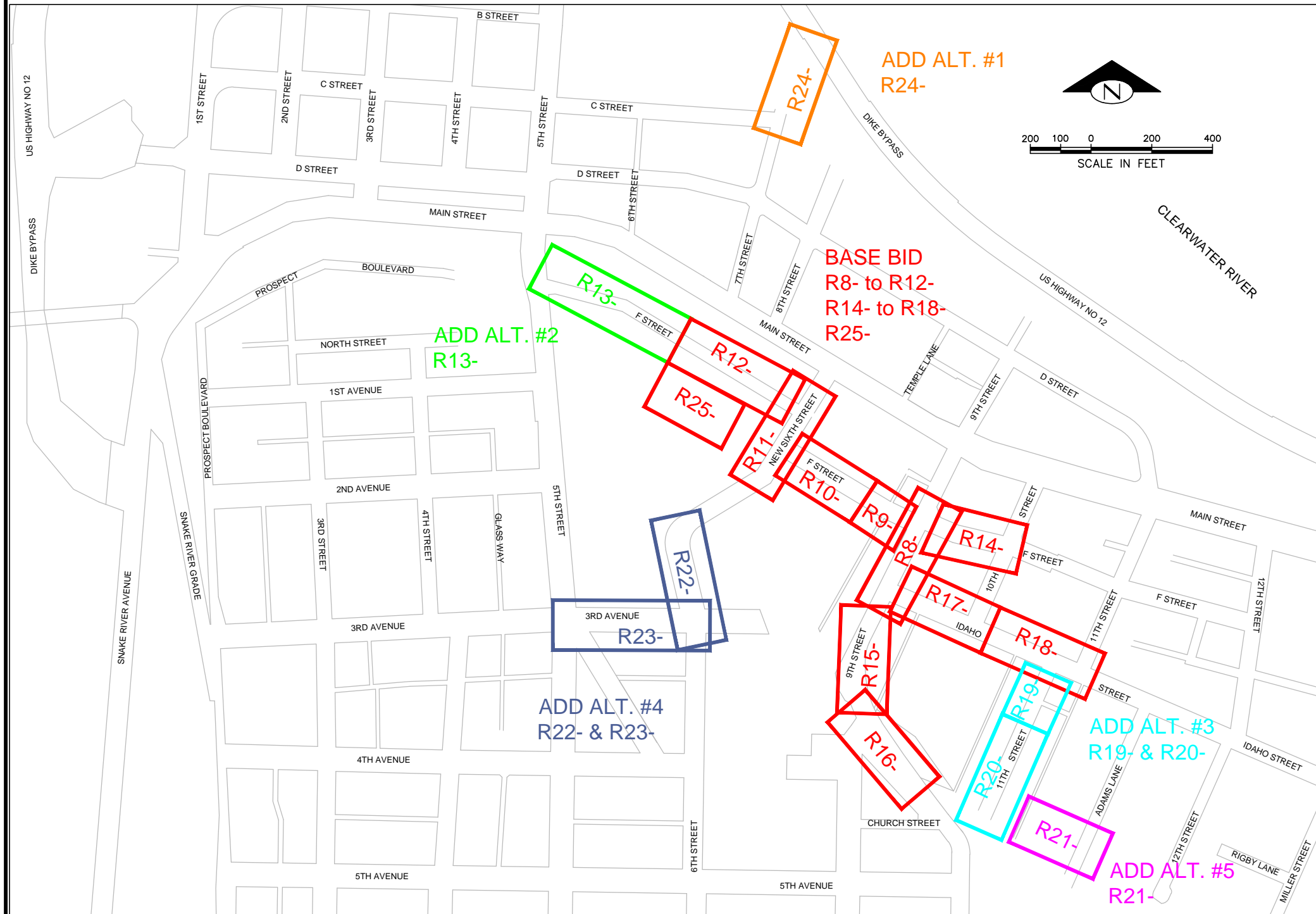
CITY OF LEWISTON PUBLIC WORKS DEPARTMENT	746-3671, ext. 252
AVISTA UTILITIES	798-1473
CABLEONE	746-3325
CENTURYLINK	798-8380
PORT OF LEWISTON	743-5531
DIGLINE UNDERGROUND UTILITY LOCATE	811



THE LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL PERFORM A SEPARATE INVESTIGATION IN THE FIELD TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. INFORMATION REGARDING THE LOCATION OF EXISTING UNDERGROUND UTILITIES CAN BE OBTAINED FROM CALLING DIG LINE AT 811.

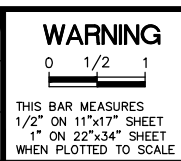


BID DOCUMENTS



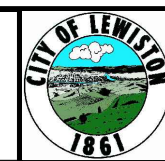
NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL NA
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WARNING
0 1/2 1
THIS BAR MEASURES 1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
COVER AND SHEET INDEX

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 1 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: G-1

LEGEND

- | | | | |
|--|--------------------------------|--|-------------------------|
| | SURVEY MONUMENT IN CASE | | ELECTRIC MANHOLE |
| | CENTERLINE MONUMENT | | ELECTRIC VAULT |
| | MONUMENT CASE | | ELECTRIC JUNCTION BOX |
| | BENCH MARK | | POWER POLE |
| | BRASS CAP MONUMENT | | POWER POLE W/LIGHT |
| | PK NAIL / SPIKE | | LIGHT POLE |
| | TRAVERSE STATION | | GUY POLE |
| | HUB & TACK | | GUY ANCHOR |
| | STORM DRAIN MANHOLE | | TRAFFIC CONTROL CABINET |
| | CATCH BASIN PRIVATE | | SIGNAL POLE |
| | AREA DRAIN | | PEDESTRIAN PUSH BUTTON |
| | DRY WELL | | PARKING METER |
| | CURB INLET | | SIGN |
| | STORM DRAIN 24" DIA. STRUCTURE | | BOLLARD |
| | STORM DRAIN 36" DIA. STRUCTURE | | MAILBOX |
| | STORM DRAIN 48" DIA. STRUCTURE | | UNKNOWN MANHOLE |
| | SANITARY SEWER MANHOLE | | VENT PIPE |
| | SANITARY SEWER CLEANOUT | | ROCK |
| | GAS VALVE | | POST |
| | GAS METER | | UTILITY LOCATE MARKER |
| | TELEPHONE MANHOLE / VAULT | | SIGN POLE |
| | TELEPHONE PEDESTAL | | MONITOR WELL |
| | TELEPHONE POLE | | BORE HOLE |
| | GATE VALVE | | TEST PIT |
| | FIRE HYDRANT | | DECIDUOUS TREE |
| | WATER MANHOLE | | CONIFER TREE |
| | WATER METER | | BUSH |
| | WATER VAULT | | SHRUB |
| | AIR VALVE | | STUMP |
| | IRRIGATION CONTROL BOX | | |
| | IRRIGATION VALVE | | |
| | IRRIGATION SPRINKLER | | |

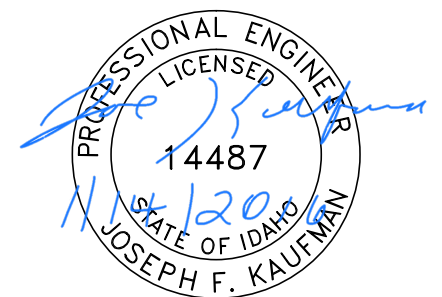
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|--|-------------------------------------|
| | CENTERLINE |
| | RIGHT-OF-WAY |
| | EXISTING WATERLINE |
| | EXISTING SANITARY SEWER |
| | EXISTING GAS |
| | EXISTING TELEPHONE |
| | EXISTING FIBER OPTIC |
| | EXISTING COMM. CONDUITS IN CONCRETE |
| | EXISTING STORM DRAIN |
| | EXISTING UG POWER |
| | EXISTING CONCRETE/SIDEWALK |
| | EXISTING CURB |

- | | |
|--|--------------------------------------|
| | PROPOSED STORM DRAIN INLET (TYPE 1) |
| | PROPOSED STORM DRAIN INLET (TYPE 1A) |
| | PROPOSED STORM DRAIN MANHOLE |
| | FUTURE STORM DRAIN MANHOLE |
| | PROPOSED SEWER MANHOLE |
| | PROPOSED FIRE HYDRANT |
| | PROPOSED GATE VALVE |
| | PROPOSED WATER METER |
| | PROPOSED STORM DRAIN (HDPE) |
| | PROPOSED STORM DRAIN (C900 OR EQUAL) |
| | PROPOSED SANITARY SEWER |
| | PROPOSED WATERLINE |
| | PROPOSED PRESSURE IRRIGATION LINE |
| | FUTURE STORM DRAIN |
| | WATERLINE ABANDON IN PLACE |
| | PROPOSED FIBER OPTIC CONDUIT |

- | | |
|--|----------------------------|
| | PAVEMENT REMOVAL |
| | CONCRETE REMOVAL |
| | NEW LANDSCAPING |
| | NEW MISCELLANEOUS CONCRETE |
| | NEW PEDESTRIAN RAMP |
| | NEW APPROACH |
| | NEW PAVEMENT |
| | NEW CONCRETE |
| | PROJECT PAY ITEM CALLOUT |
| | SPECIAL NOTE CALLOUT |

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19	R9-A	REMOVAL PLAN
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23	R9-F	STREET IMPROVEMENT PLAN
24	R10-A	REMOVAL PLAN
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26	R10-C	STORM DRAIN PLAN & PROFILE
27	R10-E	SANITARY SEWER POINT REPAIR PLAN
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29	R11-A	REMOVAL PLAN
30	R11-B	WATER LINE PLAN & PROFILE
31	R11-C	STORM DRAIN PLAN & PROFILE
32	R11-D	STORM DRAIN LATERAL PROFILES
33	R11-E	SANITARY SEWER POINT REPAIR PLAN
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35	R12-A	REMOVAL PLAN
36	R12-B	WATER LINE PLAN & PROFILE
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42	R13-B	WATER LINE PLAN & PROFILE
43	R13-C	STORM DRAIN PLAN & PROFILE
44	R13-E	SANITARY SEWER POINT REPAIR PLAN
45	R13-F	STREET IMPROVEMENT PLAN

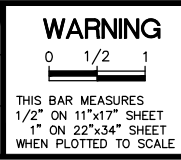
Sheet List Table		
Sheet Number	Sheet Title	Sheet Description
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55	R17-C,F	STORM DRAIN / STREET PLAN & PROFILE
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67	R21-C,F	STORM DRAIN / STREET PLAN & PROFILE
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70	R22-D	STORM DRAIN LATERAL PROFILES
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85	F-3	TYPICAL SECTIONS & DETAILS (STREET)
86	F-4	INTERSECTION DETAILS
87	F-5	INTERSECTION DETAILS
88	F-6	INTERSECTION DETAILS
89	T-1	CRITICAL ACCESS PLAN



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL	VERTICAL
NA	NA	NA



CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON, ID 83501
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**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**

LEGEND & SHEET LIST TABLE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 2 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: G-2

GENERAL CONSTRUCTION

1. All construction work shall conform to the City of Lewiston Standards and Specifications and the 2015 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 paving and prior to final 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 and 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. 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 by the Contractor a minimum of 2 working 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 unless otherwise listed in the plans.
11. Weekly Progress meetings must be attended by the Contractor's supervisor with change order decision authority.
12. The City of Lewiston will provide construction staking as stated in the contract documents.

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-5. 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) as adopted and modified by the state of Idaho.
5. Special events in the project area that require specific planning, traffic control, and access are listed in CN-040 of the Special Provisions. These include Main Street parades and car shows.
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.
5. All asphalt and concrete 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.

PUBLIC SURVEY MONUMENT

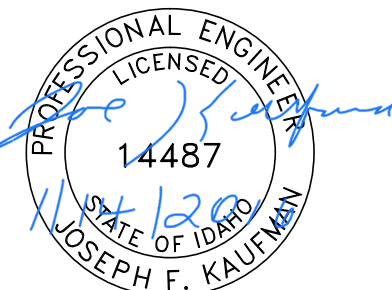
1. All found public and private survey monuments including centerline monuments, section corners, property pins and reference monuments in the project area are to be shown on the construction plans, referenced before they are disturbed by construction, and reestablished prior to project completion per 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 2015. 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 shown on the plans are incidental to the project unless otherwise noted with a specific pay item.
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 in 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 approved.
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-6.
14. Brian Hall the City's Water Distribution Supervisor (208-791-2032) shall be contacted 2 business days prior to any pressure testing/disinfection of the public main. The disinfection procedures can only be scheduled on Monday, Tuesday or Wednesday. He shall also be contacted 2 business days prior to any tie in. Tie ins can occur on any weekday but must occur before noon on Friday. Any alterations to these notifications or work schedules must be approved by the engineer. The City reserves the right to bill the Contractor for overtime for if work is requested to be afterhours or on weekends.
15. 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. 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 flowable fill. 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.
5. All utility crossings shown on the plans are incidental to the project unless otherwise noted with a specific pay item.
6. 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. The Contractor shall be advised that the adjacent buildings to the Project area have old basements that make them susceptible to leaking and flooding when the adjacent sidewalk, curb, or street surfaces are removed and that it is in the best interest of City and the Contractor to maintain a stormwater drainage system that is capable of handling infrequent storm events throughout construction. It is the sole responsibility of the Contractor to prosecute the Work in a manner that protects private property and the Project area from flooding due to high intensity storm events. The City will not pay additional costs associated with the damage to the Project area or private property resulting from stormwater runoff. Time spent preparing for a forecast storm, whether it rains in the project area or not, will be interpreted in the same manner for the purposes of adding contract days due to weather.
7. Catch basins and manholes shall have the pipes completely grouted on the interior and exterior prior to active use for stormwater conveyance.
8. 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.



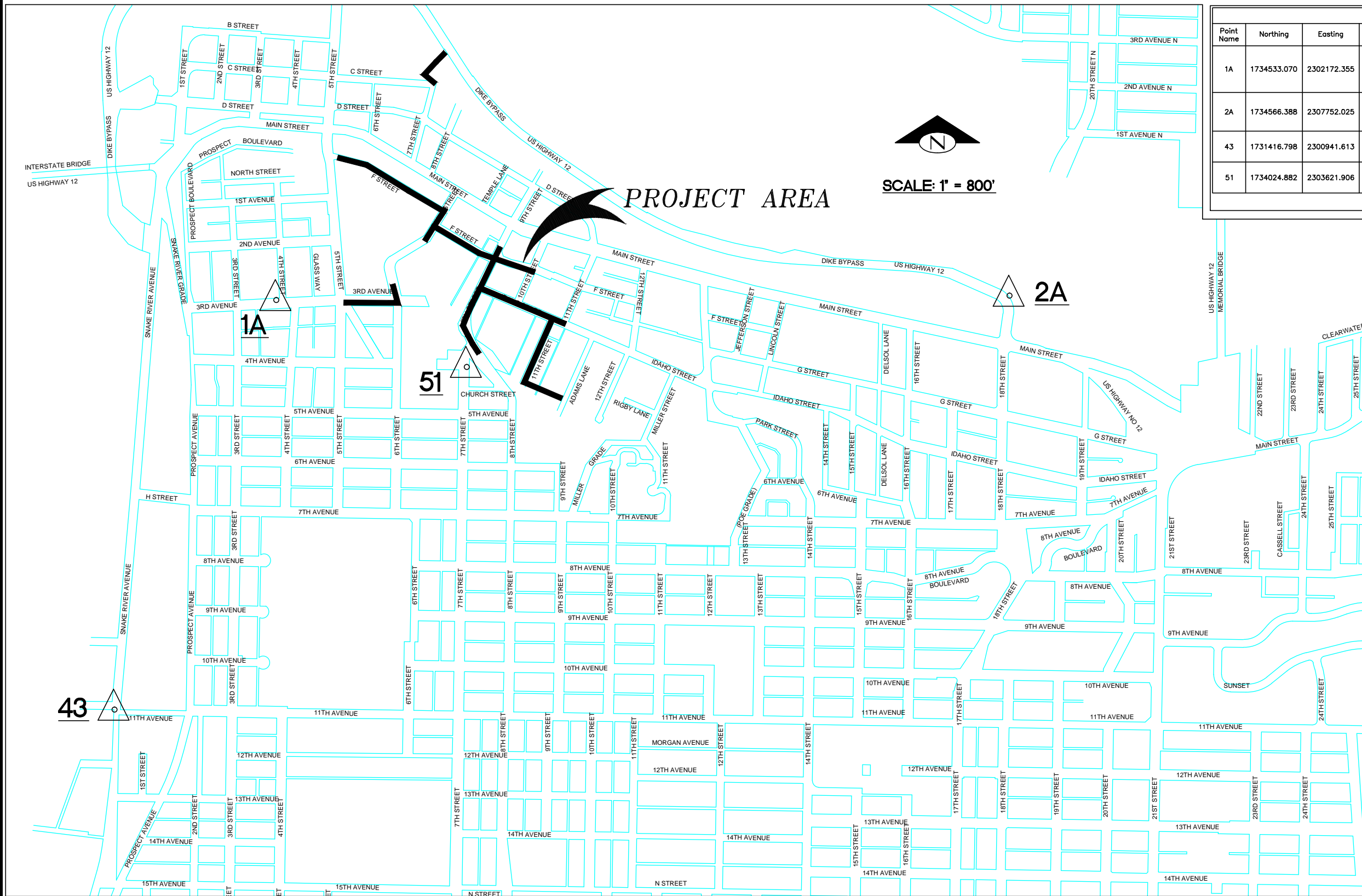
BID DOCUMENTS

				SCALE		CITY OF LEWISTON PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 215 'D' STREET, LEWISTON ID 83501 208-746-1316 FAX 208-746-5595		DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016) GENERAL CONSTRUCTION NOTES	DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
				HORIZONTAL NA					DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 3 OF 89
				VERTICAL NA					CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: G-3
NO.	DATE	FILENAME	DESCRIPTION	BY	REVISIONS						

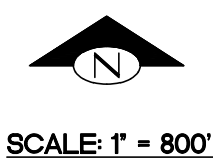
CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

SW 1/4, SEC. 31, T.36N., R.5W., B.M.

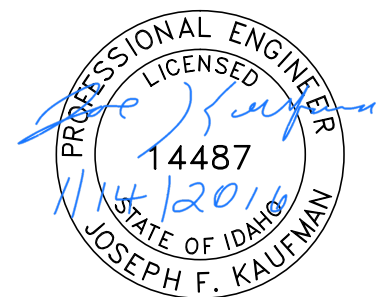
SE 1/4, SEC. 36, T.36N., R.6W., B.M.



SURVEY CONTROL POINTS				
Point Name	Northing	Easting	Elevation	Raw Description
1A	1734533.070	2302172.355	831.62	A 3" ALUMINUM CAP STAMPED "1A PLS 9365" IN A CONCRETE CYLINDER IN THE NORTHWEST CORNER OF THE INTERSECTION OF 3RD AVENUE AND 4TH STREET BETWEEN THE CURB AND SIDEWALK IN LINE WITH THE EAST EDGE OF A CONCRETE DRIVEWAY.
2A	1734566.388	2307752.025	741.82	A 3" ALUMINUM CAP STAMPED "2A PLS 9365" IN A CONCRETE CYLINDER IN A GRASSY AREA ON THE NORTH SIDE OF U.S. HIGHWAY 12 LEVEE BYPASS ROAD ON LINE WITH THE CENTERLINE OF 18TH STREET EXTENDED.
43	1731416.798	2300941.613	733.36	TRUES MONUMENT #7 A 3" BRASS CAP IN A CASE ON THE WEST SIDE OF SNAKE RIVER AVENUE AT 11TH STREET NO MARKINGS BUT A PUNCH MARK.
51	1734024.882	2303621.906	838.90	TRUES MONUMENT #18 A LARGE FLAT ROCK MONUMENT WITH AN X SCRIBED IN IT AND A HOLE AT THE CENTER IN CONCRETE ABOUT 9 INCHES BEHIND THE CURB.



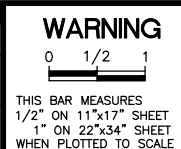
1. All Units are in U.S. Survey Feet, Grid Values are SPC Zone 1103 (Idaho West), Geodetic Values are NAD83(1998/1999). Elevations are NAVD88.
2. To convert ground distance to State Plane Grid distances, scale using a combined factor of 1.00001547 (Pt 2A). The difference between grid distances and ground distances does not exceed 1:15,000 for the Idaho West Zone at all locations within this project so scaling may not be necessary depending on accuracy requirements.



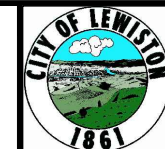
BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL AS SHOWN
VERTICAL NA



CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595

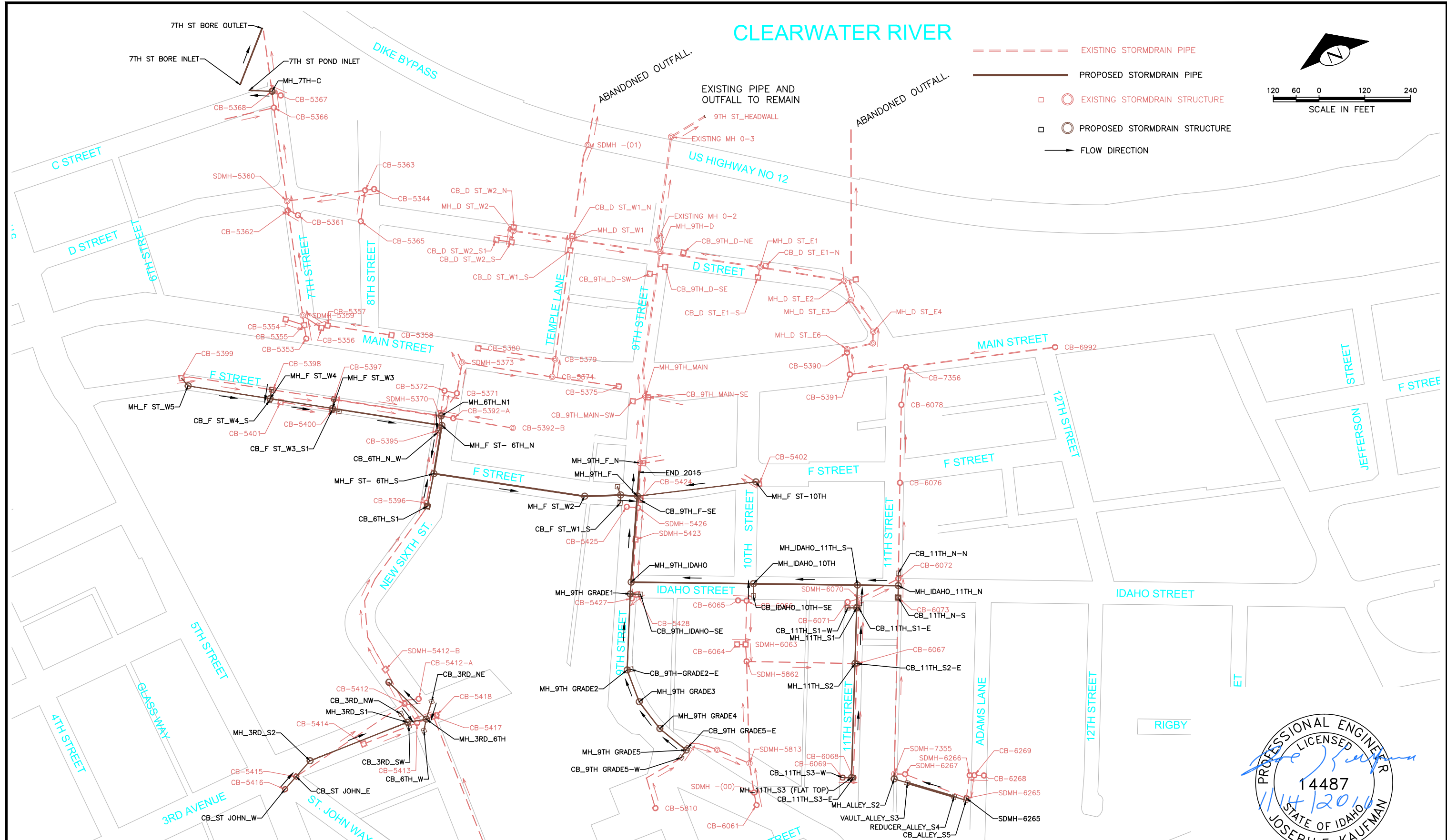
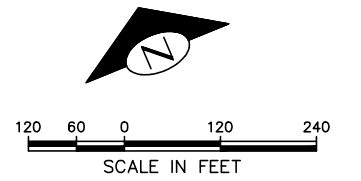


DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)
VICINITY MAP & SURVEY CONTROL

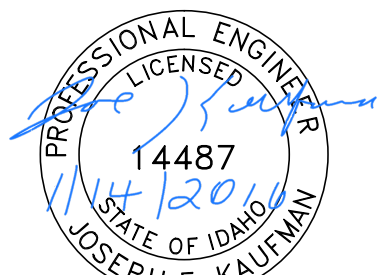
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 4 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: G-4

CLEARWATER RIVER

- EXISTING STORMDRAIN PIPE
- PROPOSED STORMDRAIN PIPE
- ○ EXISTING STORMDRAIN STRUCTURE
- ○ PROPOSED STORMDRAIN STRUCTURE
- FLOW DIRECTION



CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

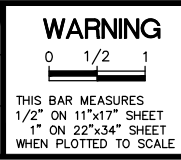


BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

REVISIONS

SCALE
HORIZONTAL AS SHOWN
VERTICAL NA



WARNING

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

STORM DRAIN STRUCTURE INDEX

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 5 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: G-5

DOWNTOWN IRRP 2016 BASE BID
CITY OF LEWISTON

Item No.	Bid Item No.	Description of Item	Estimate			
			Unit	Quantity	Price	Amount
Division 200 - Earthwork						
95	201.4.1.G.1	Removal of Obstructions	CY	30		
96	201.4.1.H.1	Removal of Obstructions	LF	500		
1	201.4.1.C.1	Removal of Obstructions	EA	15		
2	201.4.1.D.1A	Removal of Sidewalk	SY	1,157		
3	201.4.1.D.1B	Removal of Bituminous Surface	SY	7,324		
4	201.4.1.E.1	Removal of Curb	LF	2,008		
5	201.4.1.F.1	Removal of Manhole	EA	1		
6	201.4.1.F.2	Removal of Catch Basin	EA	17		
7	SP-201.A	Abandon Pipe In Place (Plug End)	EA	50		
8	SP-201.B	Abandon Pipe (Removal)	LF	40		
9	SP-201.C	Abandon Pipe In place (Grout Fill)	CY	8.5		
10	202.4.1.A.1	Excavation	CY	2,050		
11	201.4.1.D.1C	Removal of Concrete w/ Asphalt overlay	SY	2,071		
Division 300 - Trenching						
101	302.4.1.A.1	Rock Excavation	CY	10		
13	307.4.1.G.1	Main Line Type "P" Surface Restoration (Asphalt Roadway)	SY	2308		
Division 400 - Water						
15	401.4.1.A.1A	Water Main Pipe - Size 4" - DI - Class 350	LF	75		
16	401.4.1.A.1B	Water Main Pipe - Size 6" - DI - Class 350	LF	178		
17	401.4.1.A.1C	Water Main Pipe - Size 8" - DI - Class 350	LF	113		
18	401.4.1.A.1D	Water Main Pipe - Size 10" - DI - Class 350	LF	1341		
19	401.4.1.B.1	Water Main Fitting - Size " - DI	EA	41		
20	401.4.1.C.1A	Connect to Existing Main - 4"	EA	4		
21	401.4.1.C.1B	Connect to Existing Main - 6"	EA	2		
22	401.4.1.C.1C	Connect to Existing Main - 8"	EA	2		
23	401.4.1.C.1D	Connect to Existing Main - 10"	EA	1		
24	402.4.1.A.1A	Valve - Size 4"	EA	5		
25	402.4.1.A.1B	Valve - Size 6"	EA	7		
26	402.4.1.A.1C	Valve - Size 8"	EA	2		
27	402.4.1.A.1D	Valve - Size 10"	EA	9		
28	403.4.1.A.1	Hydrant	EA	4		
29	404.4.1.A.1	Water Service Connection, No Meter, Size ,	EA	9		
30	404.4.1.B.1	Connect to Existing Service Pipe, Size ", Item	EA	10		
31	SP-404A	Potable Water Main Crossing	EA	13		
32	SP-404B	Potable Water Lateral Crossing	EA	0		
33	404.4.1.C.1A	Water Service Pipe 3/4" or 1"	LF	349		
34	404.4.1.C.1B	Water Service Pipe 1 1/4" or 1 1/2"	LF	29		
35	404.4.1.C.1C	Water Service Pipe 2"	LF	90		
37	SP-404C	Remove Inactive Water Service	EA	25		
Division 500 - Sewer						
39	507.4.1.D.3	Install 8" Full Circle Repair Clamp	EA	6		
40	507.4.1.E.1A	Replace 4" Dia. Pipe	LF	36		
41	507.4.1.E.1B	Replace 8" Dia. Pipe	LF	130		
42	507.4.1.F.1	Repair Service Connection	EA	8		
Division 600 - Storm Drains						
49	601.4.1.A.5A	12" Storm Drain Pipe, Class C900, (PVC)	LF	91		
51	601.4.1.A.5C	18" Storm Drain Pipe, Class C900, (PVC)	LF	20		
52	601.4.1.A.17A	12" Storm Drain Pipe, Type S, (CPP)	LF	505		
53	601.4.1.A.17B	15" Storm Drain Pipe, Type S, (CPP)	LF	417		
54	601.4.1.A.17C	18" Storm Drain Pipe, Type S, (CPP)	LF	676		
55	601.4.1.A.17D	24" Storm Drain Pipe, Type S, (CPP)	LF	688		
56	601.4.1.A.17E	30" Storm Drain Pipe, Type S, (CPP)	LF	931		
57	601.4.1.C.1	Existing Storm Drain Connection	EA	14		
58	602.4.1.A.1A	Storm Drain Catch Manhole, 48" Diameter	EA	13		
59	602.4.1.A.1B	Storm Drain Catch Manhole, 60" Diameter	EA	6		
61	602.4.1.F.1A	Catch Basin - City of Lewiston Std (Type 1)	EA	15		
62	602.4.1.F.1B	Catch Basin - City of Lewiston Std (Type 1a)	EA	3		
64	601.4.1.B.1B	Inserta Tee - 6"	EA	3		
Division 700 - Concrete						
68	SP-707.1A	Misc. Concrete Paving	SY	65		
70	706.4.1.A.3	6" Vertical Curb (No Gutter)	LF	199		
71	706.4.1.A.5	Standard 6-inch Vertical Curb & Gutter	LF	1,850		
72	706.4.1.E.1	Concrete Sidewalk, thickness 4"	SY	1,075		
73	706.4.1.F.1	Concrete Driveway Approach	SY	250		
74	706.4.1.H.1	Pedestrian Ramp w/ Detectable Warning Domes, Type	EA	15		
75	706.4.1.A.13	Pedestrian Curb	LF	11		

DOWNTOWN IRRP 2016 BASE BID (CONTINUED)
CITY OF LEWISTON

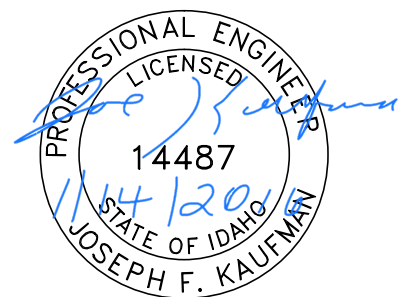
Item No.	Bid Item No.	Description of Item	Estimate			
			Unit	Quantity	Price	Amount
Division 800 - Aggregates and Asphalt						
76	802.4.1.A.1	Crushed Aggregate for Base, Type 1	CY	1047		
77	810.4.1.A.3	Plant Mix Pavement - 4"	SY	6,282		
78	810.4.4.A.5	Miscellaneous Paving	SY	381		
80	SP-810.B	Crack seal and Pavement Sealer,	SY	2192		
Division 1000 - Construction Stormwater BMPs						
	1001.4.1.A.1	Sediment Control	LS	1		
	1001.4.2.A.1	Staging area	EA	1		
	1001.4.2.B.1	Stabilized Construction Entrance	EA	1		
	1006.4.1.C.1	Inlet Protection	EA	16		
Division 1100 - Traffic						
102	1102.4.1.E.1	Conduit, Size 2"	LF	1,563		
103	1102.4.1.F.1	Junction Box	EA	4		
	1103.4.1.B.1	Construction Traffic Control	LS	1		
81	1104.4.1.A.1	Painted Pavement Marking,	SF	560		
82	SP-1105.A	Remove and Reset Sign	EA	17		
Division 2000 - Miscellaneous						
	2010.4.1.A.1	Mobilization	LS	1		
83	2020.4.1.F.1	Reference and Reset Monuments	EA	6		
84	2030.4.1.A.1	Manhole, Adjust to Grade	EA	7		
85	2030.4.1.C.1	Valve Box, Adjust to Grade	EA	1		
91	SP-706.A	Sidewalk Roof Drain	EA	5		
89	SP-221	Planter Bed Excavation	CY	42		
90	SP-222	Top Soil from Stockpile, Type S1	CY	42		
	2050.4.1.C.1	Subgrade Separation Geotextile Fabric, Type 1	SY	6278		
	SP-2000A	Project Quality Control	LS	1		

DOWNTOWN IRRP 2016 ADD ALTERNATE 1
CITY OF LEWISTON

Item No.	Bid Item No.	Description of Item	Estimate			
			Unit	Quantity	Price	Amount
Division 200 - Earthwork						
2	201.4.1.D.1A	Removal of Sidewalk	SY	17		
3	201.4.1.D.1B	Removal of Bituminous Surface	SY	22		
4	201.4.1.E.1	Removal of Curb	LF	14		
6	201.4.1.F.2	Removal of Catch Basin	EA	1		
9	SP-201.C	Abandon Pipe In place (Grout Fill)	CY	4.65		
93	201.4.1.B.1	Clearing and Grubbing	AC	0.27		
94	206.4.1.K.1	Complete Seeding	AC	0.27		
99	206.4.1.H.3	Loose Riprap	CY	15.00		
Division 600 - Storm Drains						
54	601.4.1.A.17C	18" Storm Drain Pipe, Type S, (CPP)	LF	218		
57	601.4.1.C.1	Existing Storm Drain Connection	EA	2		
58	602.4.1.A.1A	Storm Drain Catch Manhole, 48" Diameter	EA	1		
Division 700 - Concrete						
67	SP-704.A	Concrete Headwall 18"	EA	3		
71	706.4.1.A.5	Standard 6-inch Vertical Curb & Gutter	LF	14		
72	706.4.1.E.1	Concrete Sidewalk, thickness 4"	SY	17		
Division 1000 - Construction Stormwater BMPs						
	1001.4.1.A.1	Sediment Control	LS	1		
	1001.4.2.B.1	Stabilized Construction Entrance	EA	1		
	1006.4.1.C.1	Inlet Protection	EA	1		
Division 1100 - Traffic						
	1103.4.1.B.1	Construction Traffic Control	LS	1		
Division 2000 - Miscellaneous						
	2010.4.1.A.1	Mobilization	LS	1		
100	2050.4.1.B.1	Riprap/Erosion Control Geotextile	SY	15		
	SP-2000A	Project Quality Control	LS	1		

DOWNTOWN IRRP 2016 ADD ALTERNATE 2
CITY OF LEWISTON

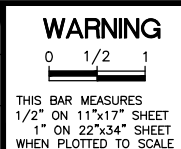
Item No.	Bid Item No.	Description of Item	Estimate			
			Unit	Quantity	Price	Amount
Division 200 - Earthwork						
1	201.4.1.C.1	Removal of Obstructions	EA	6		
2	201.4.1.D.1A	Removal of Sidewalk	SY	7		
3	201.4.1.D.1B	Removal of Bituminous Surface	SY	233		
4	201.4.1.E.1	Removal of Curb	LF	5		
7	SP-201.A	Abandon Pipe In Place (Plug End)	EA	11		
8	SP-201.B	Abandon Pipe Removal	LF	38		
10	202.4.1.A.1	Excavation	CY	450		
11	201.4.1.D.1C	Removal of Concrete w/ Asphalt overlay	SY	1,245		
Division 400 - Water						
15	401.4.1.A.1A	Water Main Pipe - Size 4" - DI - Class 350	LF	4		
16	401.4.1.A.1B	Water Main Pipe - Size 6" - DI - Class 350	LF	24		
18	401.4.1.A.1D	Water Main Pipe - Size 10" - DI - Class 350	LF	461		
19	401.4.1.B.1	Water Main Fitting - Size " - DI	EA	9		
20	401.4.1.C.1A	Connect to Existing Main - 4"	EA	4		
23	401.4.1.C.1D	Connect to Existing Main - 10"	EA	1		
24	402.4.1.A.1A	Valve - Size 4"	EA	4		
25	402.4.1.A.1B	Valve - Size 6"	EA	1		
28	403.4.1.A.1	Hydrant	EA	1		
29	404.4.1.A.1	Water Service Connection, No Meter, Size ,	EA	1		
30	404.4.1.B.1	Connect to Existing Service Pipe, Size ",	EA	3		
33	404.4.1.C.1A	Water Service Pipe 3/4" or 1"	LF	42		
34	404.4.1.C.1B	Water Service Pipe 1 1/4" or 1 1/2"	LF	0		
35	404.4.1.C.1C	Water Service Pipe 2"	LF	13		
Division 500 - Sewer						
38	502.4.1.A.1	Sanitary Sewer Manhole - Type A	EA	1		
39	507.4.1.D.3	Install 8" Full Circle Repair Clamp	EA	1		
41	507.4.1.E.1B	Replace 8" Dia. Pipe	LF	15		
44	507.4.1.H.3	Remove Flush Tank	EA	1		
Division 600 - Storm Drains						
49	601.4.1.A.5A	12" Storm Drain Pipe, Class C900, (PVC)	LF	24		
52	601.4.1.A.17A	12" Storm Drain Pipe, Type S, (CPP)	LF	214		
57	601.4.1.C.1	Existing Storm Drain Connection	EA	1		
58	602.4.1.A.1A	Storm Drain Catch Manhole, 48" Diameter	EA	1		
Division 700 - Concrete						
71	706.4.1.A.5	Standard 6-inch Vertical Curb & Gutter	LF	5		
72	706.4.1.E.1	Concrete Sidewalk, thickness 4"	SY	6		
Division 800 - Aggregates and Asphalt						
76	802.4.1.A.1	Crushed Aggregate for Base, Type 1	CY	250		
77	810.4.1.A.3	Plant Mix Pavement - 4"	SY	1,478		
78	810.4.4.A.5	Miscellaneous Paving	SY	1		
Division 1000 - Construction Stormwater BMPs						
	1001.4.1.A.1	Sediment Control	LS	1		
	1006.4.1.C.1	Inlet Protection	EA	2		
Division 1100 - Traffic						
102	1102.4.1.E.1	Conduit, Size 2"	LF	450		
	1103.4.1.B.1	Construction Traffic Control	LS	1		
Division 2000 - Miscellaneous						
	2010.4.1.A.1	Mobilization	LS	1		
84	2030.4.1.A.1	Manhole, Adjust to Grade	EA	1		
85	2030.4.1.C.1	Valve Box, Adjust to Grade	EA	1		
	2050.4.1.C.1	Subgrade Separation Geotextile Fabric, Type 1	SY	1476		
	SP-2000A	Project Quality Control	LS	1		



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
NA
VERTICAL
NA



WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316

DOWNTOWN IRRP 2016 ADD ALTERNATE 3
CITY OF LEWISTON

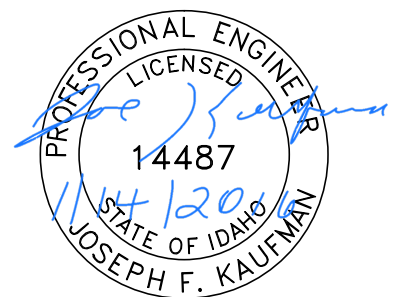
Item No.	Bid Item No.	Description of Item	Estimate	
			Unit	Quantity
Division 200 - Earthwork				
2	201.4.1.D.1A	Removal of Sidewalk	SY	8
3	201.4.1.D.1B	Removal of Bituminous Surface	SY	537
4	201.4.1.E.1	Removal of Curb	LF	15
6	201.4.1.F.2	Removal of Catch Basin	EA	3
9	SP-201.C	Abandon Pipe In place (Grout Fill)	CY	13
Division 300 - Trenching				
13	307.4.1.G.1	Main Line Type "P" Surface Restoration (Asphalt Roadway)	SY	537
Division 400 - Water				
30	404.4.1.B.1	Connect to Existing Service Pipe, Size "	EA	3
31	SP-404A	Potable Water Main Crossing	EA	1
32	SP-404B	Potable Water Lateral Crossing	EA	4
33	404.4.1.C.1A	Water Service Pipe 3/4" or 1"	LF	41
Division 600 - Storm Drains				
49	601.4.1.A.5A	12" Storm Drain Pipe, Class C900, (PVC)	LF	20
52	601.4.1.A.17A	12" Storm Drain Pipe, Type S, (CPP)	LF	8
54	601.4.1.A.17C	18" Storm Drain Pipe, Type S, (CPP)	LF	438
57	601.4.1.C.1	Existing Storm Drain Connection	EA	1
58	602.4.1.A.1A	Storm Drain Catch Manhole, 48" Diameter	EA	2
61	602.4.1.F.1A	Catch Basin - City of Lewiston Std (Type 1)	EA	2
Division 700 - Concrete				
71	706.4.1.A.5	Standard 6-inch Vertical Curb & Gutter	LF	15
72	706.4.1.E.1	Concrete Sidewalk, thickness 4"	SY	7
Division 1000 - Construction Stormwater BMPs				
	1001.4.1.A.1	Sediment Control	LS	1
	1006.4.1.C.1	Inlet Protection	EA	3
Division 1100 - Traffic				
	1103.4.1.B.1	Construction Traffic Control	LS	1
Division 2000 - Miscellaneous				
	2010.4.1.A.1	Mobilization	LS	1
	SP-2000A	Project Quality Control	LS	1

DOWNTOWN IRRP 2016 ADD ALTERNATE 4
CITY OF LEWISTON

Item No.	Bid Item No.	Description of Item	Estimate	
			Unit	Quantity
Division 200 - Earthwork				
1	201.4.1.C.1	Removal of Obstructions	EA	2
2	201.4.1.D.1A	Removal of Sidewalk	SY	10
3	201.4.1.D.1B	Removal of Bituminous Surface	SY	986
4	201.4.1.E.1	Removal of Curb	LF	42
6	201.4.1.F.2	Removal of Catch Basin	EA	6
7	SP-201.A	Abandon Pipe In Place (Plug End)	EA	15
10	202.4.1.A.1	Excavation	CY	4
Division 300 - Trenching				
13	307.4.1.G.1	Main Line Type "P" Surface Restoration (Asphalt Roadway)	SY	363
Division 400 - Water				
31	SP-404A	Potable Water Main Crossing	EA	4
32	SP-404B	Potable Water Lateral Crossing	EA	2
Division 600 - Storm Drains				
49	601.4.1.A.5A	12" Storm Drain Pipe, Class C900, (PVC)	LF	97
52	601.4.1.A.17A	12" Storm Drain Pipe, Type S, (CPP)	LF	585
57	601.4.1.C.1	Existing Storm Drain Connection	EA	2
58	602.4.1.A.1A	Storm Drain Catch Manhole, 48" Diameter	EA	4
61	602.4.1.F.1A	Catch Basin - City of Lewiston Std (Type 1)	EA	6
Division 700 - Concrete				
71	706.4.1.A.5	Standard 6-inch Vertical Curb & Gutter	LF	42
72	706.4.1.E.1	Concrete Sidewalk, thickness 4"	SY	10
74	706.4.1.H.1	Pedestrian Ramp w/ Detectable Warning Domes, Type	EA	1
Division 800 - Aggregates and Asphalt				
76	802.4.1.A.1	Crushed Aggregate for Base, Type 1	CY	106
77	810.4.1.A.3	Plant Mix Pavement - 4"	SY	632
Division 1000 - Construction Stormwater BMPs				
	1001.4.1.A.1	Sediment Control	LS	1
	1006.4.1.C.1	Inlet Protection	EA	6
Division 1100 - Traffic				
	1103.4.1.B.1	Construction Traffic Control	LS	1
Division 2000 - Miscellaneous				
	2010.4.1.A.1	Mobilization	LS	1
83	2020.4.1.F.1	Reference and Reset Monuments	EA	1
85	2030.4.1.C.1	Valve Box, Adjust to Grade	EA	2
	SP-2000A	Project Quality Control	LS	1

DOWNTOWN IRRP 2016 ADD ALTERNATE 5
CITY OF LEWISTON

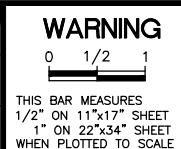
Item No.	Bid Item No.	Description of Item	Estimate	
			Unit	Quantity
Division 200 - Earthwork				
3	201.4.1.D.1B	Removal of Bituminous Surface	SY	247
5	201.4.1.F.1	Removal of Manhole	EA	1
6	201.4.1.F.2	Removal of Catch Basin	EA	4
7	SP-201.A	Abandon Pipe In Place (Plug End)	EA	6
Division 400 - Water				
32	SP-404B	Potable Water Lateral Crossing	EA	1
Division 500 - Sewer				
47	SP-507B	Sanitary Sewer Main Crossing	EA	1
Division 600 - Storm Drains				
49	601.4.1.A.5A	12" Storm Drain Pipe, Class C900, (PVC)	LF	30
52	601.4.1.A.17A	12" Storm Drain Pipe, Type S, (CPP)	LF	52
57	601.4.1.C.1	Existing Storm Drain Connection	EA	2
58	602.4.1.A.1A	Storm Drain Catch Manhole, 48" Diameter	EA	1
60	602.4.1.S.1	Special Inlet (4'x6'x6'-6" Conc. Vault with Grated Inlet),	EA	1
61	602.4.1.F.1A	Catch Basin - City of Lewiston Std (Type 1)	EA	1
65	SP-604.4A	Special Pipe (48" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP) Perforated provided by City of Lewiston),	LF	124
66	SP-604.4B	Special Fitting, 48" x 12" Dual Wall Fabricated Reducer, Corrugated Polyethylene (CPP), (Hancor 4874AN85B or equal),	EA	1
Division 800 - Aggregates and Asphalt				
76	802.4.1.A.1	Crushed Aggregate for Base, Type 1	CY	11
78	810.4.4.A.5	Miscellaneous Paving	SY	247
Division 1000 - Construction Stormwater BMPs				
	1001.4.1.A.1	Sediment Control	LS	1
	1006.4.1.C.1	Inlet Protection	EA	2
Division 1100 - Traffic				
	1103.4.1.B.1	Construction Traffic Control	LS	1
Division 2000 - Miscellaneous				
	2010.4.1.A.1	Mobilization	LS	1
	SP-2000A	Project Quality Control	LS	1



BID DOCUMENTS

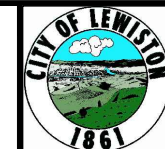
NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL
NA
VERTICAL
NA



WARNING

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

QUANTITY SUMMARY SHEET

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 7 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: G-7

CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

SEQUENCE OF CONSTRUCTION

THE SEQUENCE OF CONSTRUCTION APPEARING IN THE CONTRACT PLANS SHOWS THE ANTICIPATED METHOD OF CONSTRUCTING THE PLANNED PROJECT WITH THE FEWEST SERVICE INTERRUPTIONS AND PUBLIC INCONVENIENCE. THE CONTRACTOR SHALL CONDUCT THE PROJECT IN THE MANNER PRESENTED UNLESS OTHERWISE AUTHORIZED IN WRITING BY BOTH THE ENGINEER AND THE CITY.

IF THE CONTRACTOR'S PROPOSED METHODS DIFFER FROM THE PLANNED SEQUENCE OF CONSTRUCTION, THE CONTRACTOR MUST SUBMIT THE PROPOSED MODIFICATION OF THE PROJECT SEQUENCE AND A REVISED SCHEDULE TO THE ENGINEER AT LEAST TEN CALENDAR DAYS IN ADVANCE OF THE REQUESTED CHANGE. THE CHANGES MUST BE APPROVED BY THE ENGINEER AND CITY AND MAY BE AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL ALSO PRESENT THE REQUIRED CHANGES IN THE PROJECT'S TRAFFIC CONTROL PLANS BY SHOWING THE NECESSARY CONSTRUCTION SIGNS, FLAGGERS, AND OTHER TRAFFIC CONTROL DEVICES REQUIRED FOR THE CHANGE. THE REQUESTED REVISIONS MUST BE SUBMITTED AT LEAST TEN WORKING DAYS PRIOR TO PROPOSED IMPLEMENTATION. CHANGES IN PHASING THAT MAY RESULT IN MORE TRAFFIC CONTROL IS AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR MUST NOTIFY THE ENGINEER AT LEAST SEVEN CALENDAR DAYS IN ADVANCE OF BEGINNING WORK ON A NEW PHASE.

WORK IN TWO PHASES SIMULTANEOUSLY MUST BE APPROVED BY THE ENGINEER.

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 BUSINESS DAYS PRIOR TO DISTURBING THEIR SERVICE(S).

PHASING WORK DESCRIPTION

9TH STREET SHALL HAVE BOTH PAVEMENT LIFTS COMPLETED IN PHASE-1. THE REMAINDER OF PHASE-1 AND PHASES-2 THRU PHASE-4 SHALL HAVE THE FIRST LIFT COMPLETED AT THE END OF EACH PHASE. THE FINAL LIFT ACROSS PHASE-1 THRU PHASE-4 SHALL BE COMPLETED AT ONE TIME.

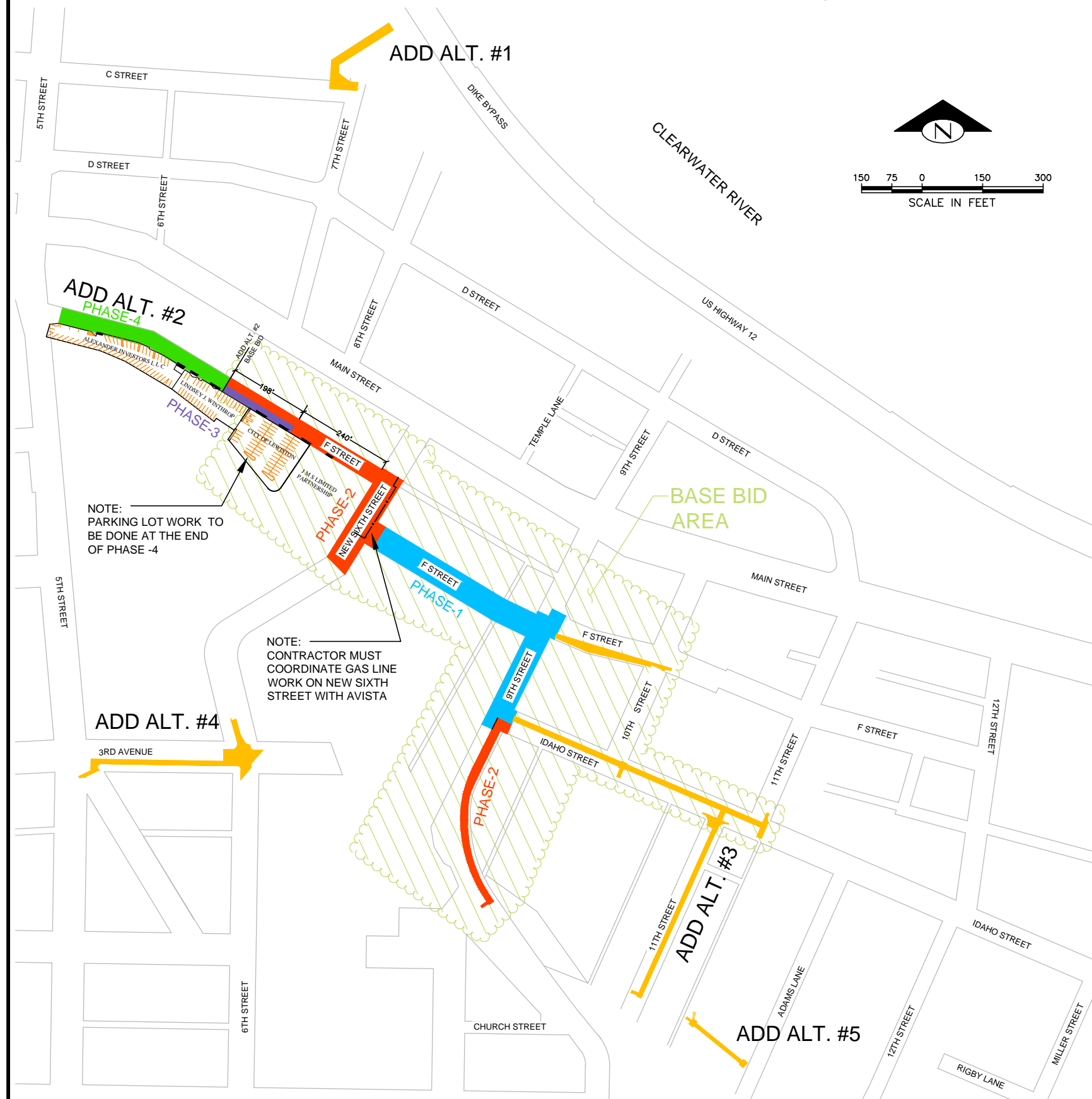
PHASE-1 CONSTRUCT SANITARY SEWER REPAIRS, WATERLINE, WATER SERVICE CROSSINGS, STORM DRAIN, FIBER CONDUIT, CONCRETE WORK AND ASPHALT PAVING ON 9TH STREET FROM F STREET TO IDAHO STREET AND F STREET FROM 9TH TO NEW SIXTH STREET.

PHASE-2 CONSTRUCT SANITARY SEWER REPAIRS, WATERLINE, WATER SERVICE CROSSINGS, GAS LINE (BY AVISTA) AND FIBER CONDUIT. THEN STORM DRAIN, CONCRETE WORK AND ASPHALT PAVING ON NEW SIXTH STREET AND ON F STREET FROM NEW SIXTH STREET WEST FOR 438 FEET ON THE NORTH SIDE AND 240 FEET ON THE SOUTH SIDE. ALSO CONSTRUCT THE STORM DRAIN AND ASPHALT PAVING ON 9TH STREET GRADE FROM IDAHO STREET SOUTH TO END OF PROJECT. CONTRACTOR SHALL COORDINATE GAS WORK IN NEW SIXTH STREET WITH AVISTA.

PHASE-3 CONSTRUCT STORM DRAIN, FIBER CONDUIT, CONCRETE WORK AND ASPHALT PAVING ON SOUTH SIDE OF F STREET FROM END OF PHASE-2 FOR 198 FEET WEST TO THE END OF BASE BID. PHASE-3 AND PHASE-4 MAY BE COMBINED IF ADD ALTERNATE #2 IS AWARDED.

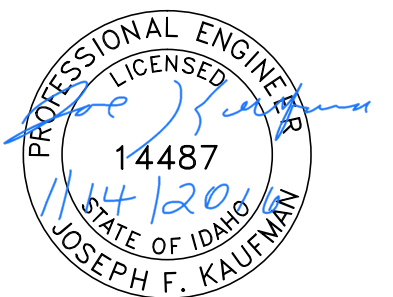
PHASE-4 (IF ADD ALTERNATE #2 IS AWARDED) CONSTRUCT SANITARY SEWER REPAIRS, WATERLINE, WATER SERVICE CROSSINGS, STORM DRAIN, FIBER CONDUIT, CONCRETE WORK AND ASPHALT PAVING ON F STREET FROM END OF PHASE-2 AND PHASE-3 WEST TO 5TH STREET TIE-IN, AND PARKING LOT WORK. PARKING LOT WORK MUST OCCUR AT THE END OF PHASE-4.

WORK IN THESE AREAS MAY RUN SIMULTANEOUSLY WITH OTHER PHASES IF APPROVED BY THE ENGINEER. IDAHO STREET AND PHASE-1 CANNOT BE CONSTRUCTED AT THE SAME TIME.



NOTE: PARKING LOT WORK TO BE DONE AT THE END OF PHASE -4

NOTE: CONTRACTOR MUST COORDINATE GAS LINE WORK ON NEW SIXTH STREET WITH AVISTA



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL NA
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WARNING

THIS BAR MEASURES 1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
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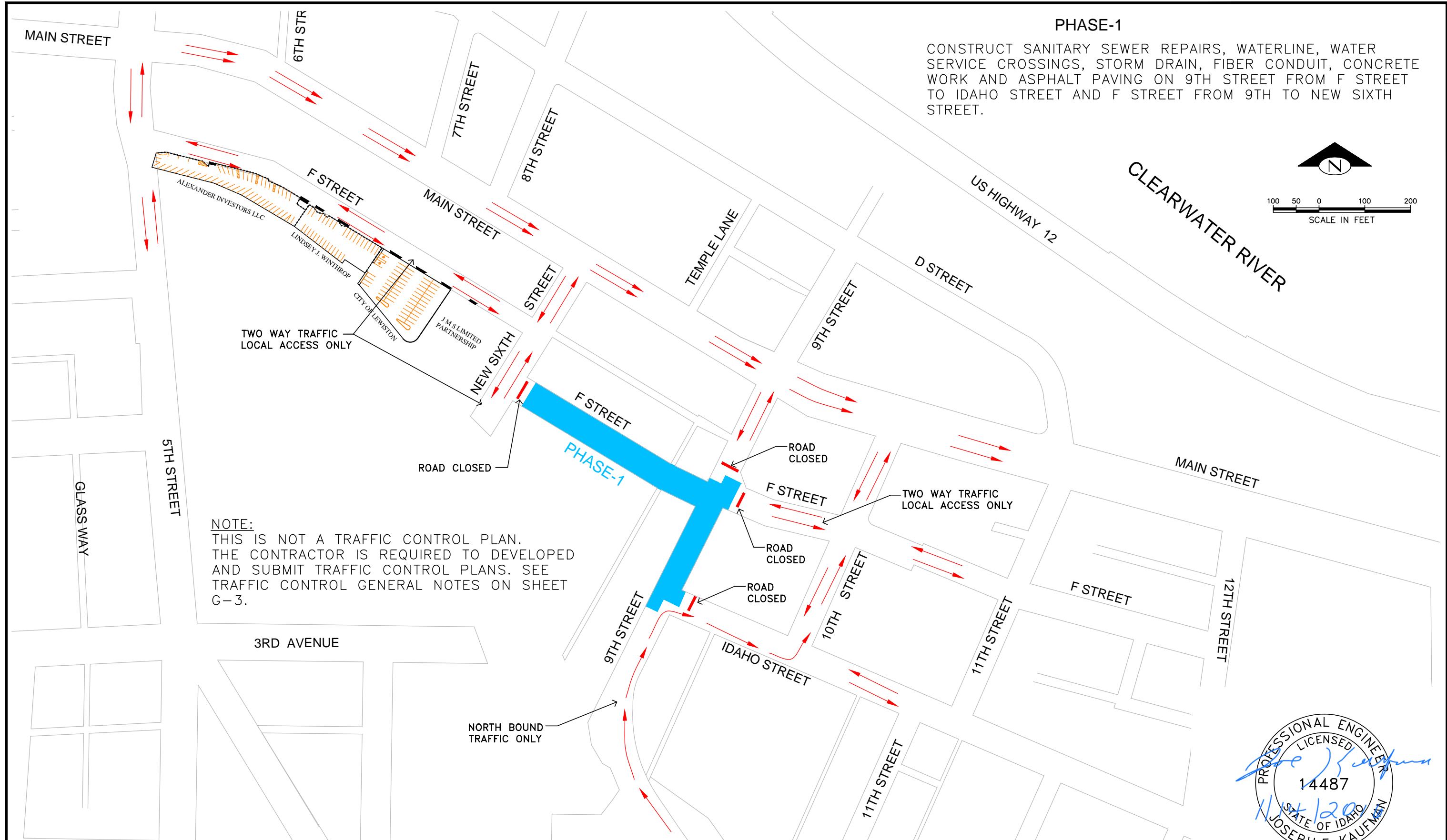
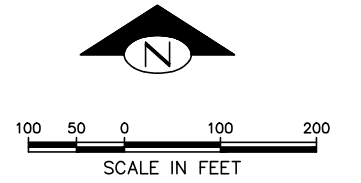
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

CONSTRUCTION PHASING DIAGRAM

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 8 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: P-1

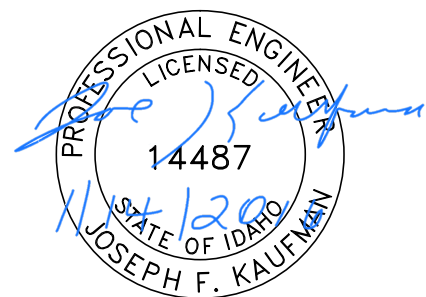
PHASE-1

CONSTRUCT SANITARY SEWER REPAIRS, WATERLINE, WATER SERVICE CROSSINGS, STORM DRAIN, FIBER CONDUIT, CONCRETE WORK AND ASPHALT PAVING ON 9TH STREET FROM F STREET TO IDAHO STREET AND F STREET FROM 9TH TO NEW SIXTH STREET.



NOTE:
THIS IS NOT A TRAFFIC CONTROL PLAN. THE CONTRACTOR IS REQUIRED TO DEVELOP AND SUBMIT TRAFFIC CONTROL PLANS. SEE TRAFFIC CONTROL GENERAL NOTES ON SHEET G-3.

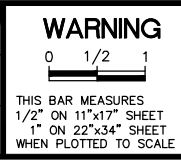
CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO



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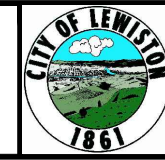
NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL NA
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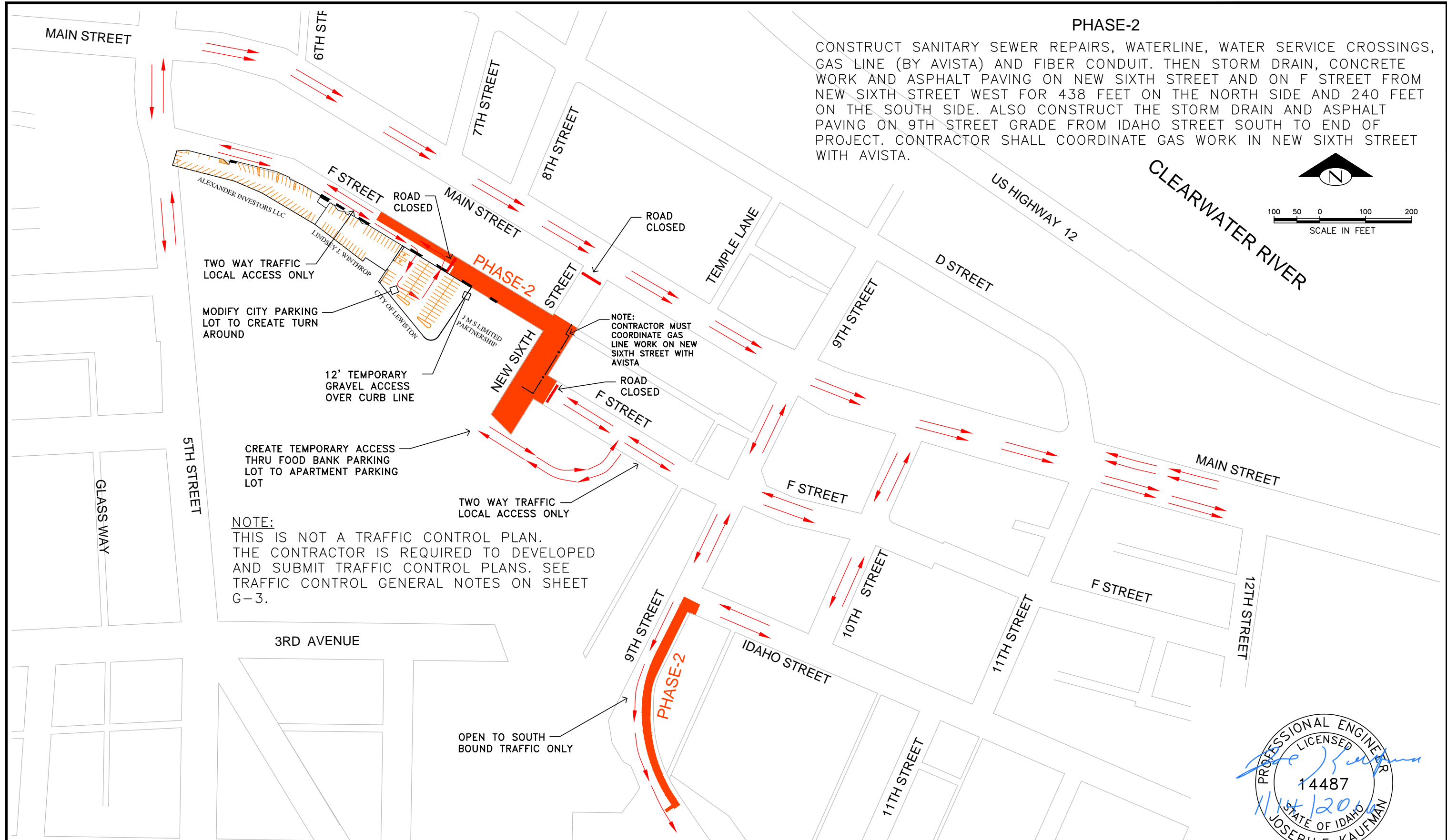
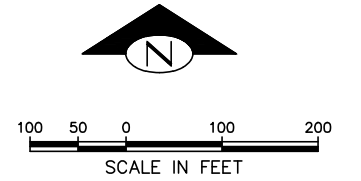
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

TRAFFIC FLOW DIAGRAM PHASE 1

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 9 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: P-2

PHASE-2

CONSTRUCT SANITARY SEWER REPAIRS, WATERLINE, WATER SERVICE CROSSINGS, GAS LINE (BY AVISTA) AND FIBER CONDUIT. THEN STORM DRAIN, CONCRETE WORK AND ASPHALT PAVING ON NEW SIXTH STREET AND ON F STREET FROM NEW SIXTH STREET WEST FOR 438 FEET ON THE NORTH SIDE AND 240 FEET ON THE SOUTH SIDE. ALSO CONSTRUCT THE STORM DRAIN AND ASPHALT PAVING ON 9TH STREET GRADE FROM IDAHO STREET SOUTH TO END OF PROJECT. CONTRACTOR SHALL COORDINATE GAS WORK IN NEW SIXTH STREET WITH AVISTA.



TWO WAY TRAFFIC LOCAL ACCESS ONLY

MODIFY CITY PARKING LOT TO CREATE TURN AROUND

12' TEMPORARY GRAVEL ACCESS OVER CURB LINE

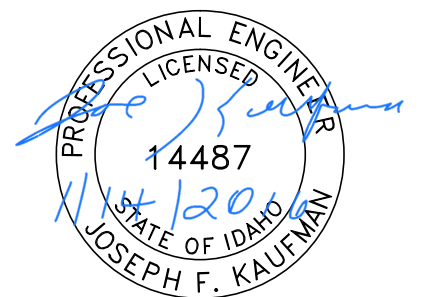
CREATE TEMPORARY ACCESS THRU FOOD BANK PARKING LOT TO APARTMENT PARKING LOT

TWO WAY TRAFFIC LOCAL ACCESS ONLY

NOTE:
THIS IS NOT A TRAFFIC CONTROL PLAN. THE CONTRACTOR IS REQUIRED TO DEVELOP AND SUBMIT TRAFFIC CONTROL PLANS. SEE TRAFFIC CONTROL GENERAL NOTES ON SHEET G-3.

NOTE:
CONTRACTOR MUST COORDINATE GAS LINE WORK ON NEW SIXTH STREET WITH AVISTA

OPEN TO SOUTH BOUND TRAFFIC ONLY

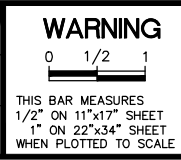


CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	
HORIZONTAL AS SHOWN	
VERTICAL	NA



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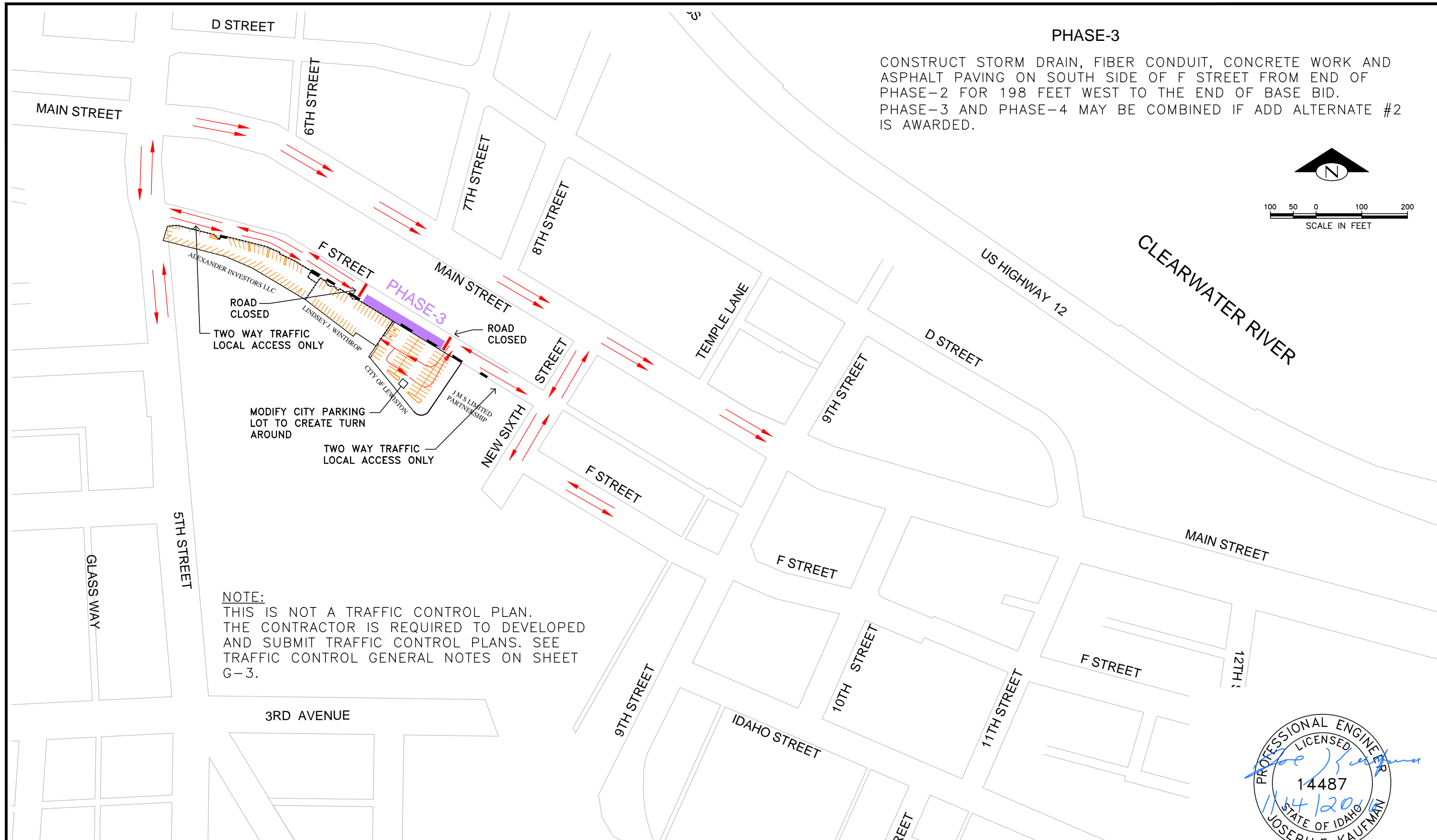
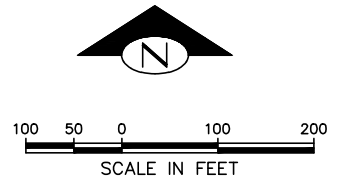
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

TRAFFIC FLOW DIAGRAM PHASE 2

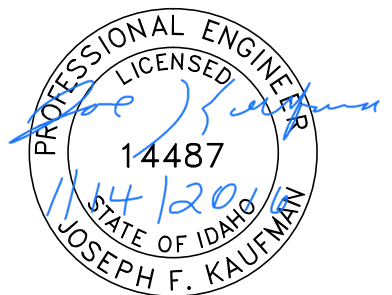
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 10 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: P-3

PHASE-3

CONSTRUCT STORM DRAIN, FIBER CONDUIT, CONCRETE WORK AND ASPHALT PAVING ON SOUTH SIDE OF F STREET FROM END OF PHASE-2 FOR 198 FEET WEST TO THE END OF BASE BID. PHASE-3 AND PHASE-4 MAY BE COMBINED IF ADD ALTERNATE #2 IS AWARDED.



NOTE:
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THE CONTRACTOR IS REQUIRED TO DEVELOP
AND SUBMIT TRAFFIC CONTROL PLANS. SEE
TRAFFIC CONTROL GENERAL NOTES ON SHEET
G-3.

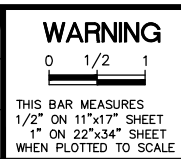


CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL NA
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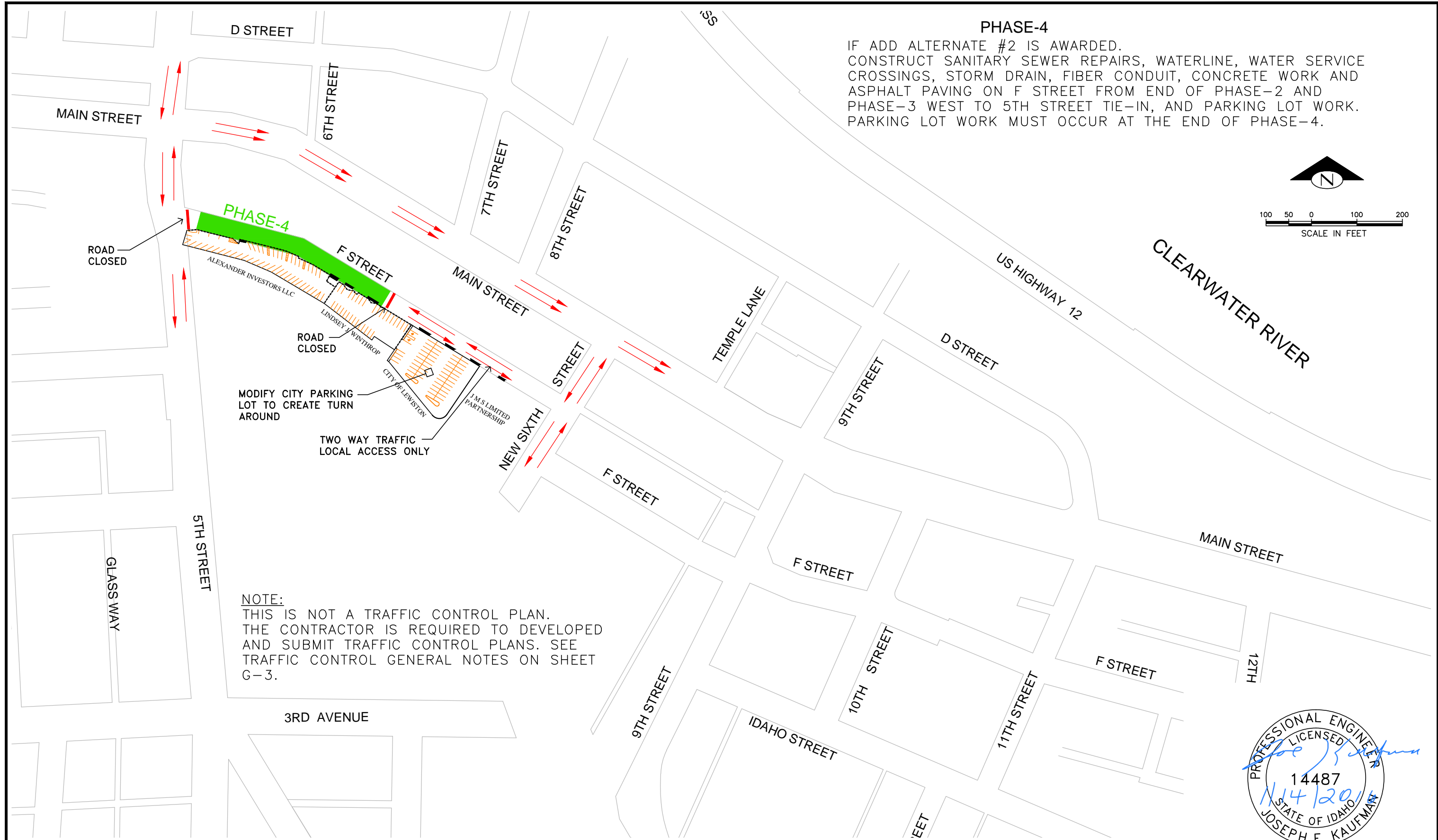
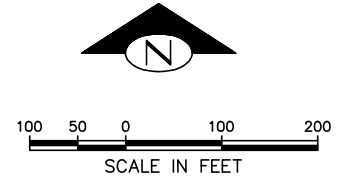
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

TRAFFIC FLOW DIAGRAM PHASE 3

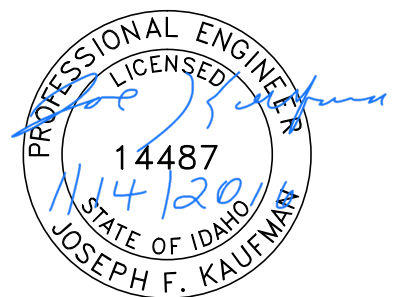
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 11 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: P-4

PHASE-4

IF ADD ALTERNATE #2 IS AWARDED.
 CONSTRUCT SANITARY SEWER REPAIRS, WATERLINE, WATER SERVICE CROSSINGS, STORM DRAIN, FIBER CONDUIT, CONCRETE WORK AND ASPHALT PAVING ON F STREET FROM END OF PHASE-2 AND PHASE-3 WEST TO 5TH STREET TIE-IN, AND PARKING LOT WORK. PARKING LOT WORK MUST OCCUR AT THE END OF PHASE-4.



NOTE:
 THIS IS NOT A TRAFFIC CONTROL PLAN.
 THE CONTRACTOR IS REQUIRED TO DEVELOP AND SUBMIT TRAFFIC CONTROL PLANS. SEE TRAFFIC CONTROL GENERAL NOTES ON SHEET G-3.



CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

BID DOCUMENTS

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REVISIONS				

SCALE
 HORIZONTAL AS SHOWN
 VERTICAL NA

WARNING
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 THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

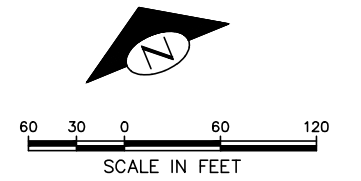
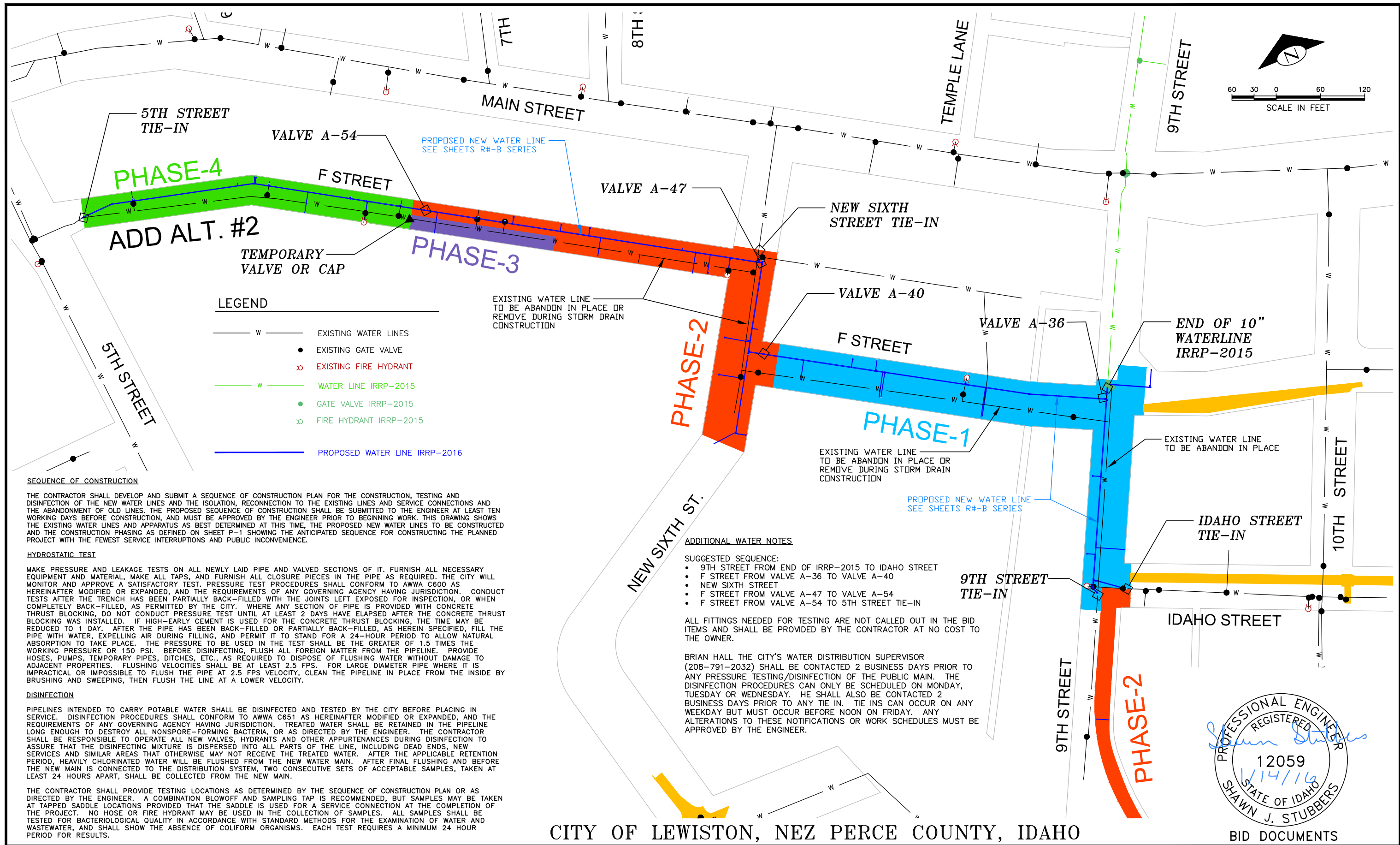


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DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
TRAFFIC FLOW DIAGRAM PHASE 4

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 12 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: P-5



LEGEND

— W —	EXISTING WATER LINES
●	EXISTING GATE VALVE
⊗	EXISTING FIRE HYDRANT
— W —	WATER LINE IRRP-2015
●	GATE VALVE IRRP-2015
⊗	FIRE HYDRANT IRRP-2015
— W —	PROPOSED WATER LINE IRRP-2016

SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL DEVELOP AND SUBMIT A SEQUENCE OF CONSTRUCTION PLAN FOR THE CONSTRUCTION, TESTING AND DISINFECTION OF THE NEW WATER LINES AND THE ISOLATION, RECONNECTION TO THE EXISTING LINES AND SERVICE CONNECTIONS AND THE ABANDONMENT OF OLD LINES. THE PROPOSED SEQUENCE OF CONSTRUCTION SHALL BE SUBMITTED TO THE ENGINEER AT LEAST TEN WORKING DAYS BEFORE CONSTRUCTION, AND MUST BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING WORK. THIS DRAWING SHOWS THE EXISTING WATER LINES AND APPARATUS AS BEST DETERMINED AT THIS TIME, THE PROPOSED NEW WATER LINES TO BE CONSTRUCTED AND THE CONSTRUCTION PHASING AS DEFINED ON SHEET P-1 SHOWING THE ANTICIPATED SEQUENCE FOR CONSTRUCTING THE PLANNED PROJECT WITH THE FEWEST SERVICE INTERRUPTIONS AND PUBLIC INCONVENIENCE.

HYDROSTATIC TEST

MAKE PRESSURE AND LEAKAGE TESTS ON ALL NEWLY LAID PIPE AND VALVED SECTIONS OF IT. FURNISH ALL NECESSARY EQUIPMENT AND MATERIAL, MAKE ALL TAPS, AND FURNISH ALL CLOSURE PIECES IN THE PIPE AS REQUIRED. THE CITY WILL MONITOR AND APPROVE A SATISFACTORY TEST. PRESSURE TEST PROCEDURES SHALL CONFORM TO AWWA C600 AS HEREINAFTER MODIFIED OR EXPANDED, AND THE REQUIREMENTS OF ANY GOVERNING AGENCY HAVING JURISDICTION. CONDUCT TESTS AFTER THE TRENCH HAS BEEN PARTIALLY BACK-FILLED WITH THE JOINTS LEFT EXPOSED FOR INSPECTION, OR WHEN COMPLETELY BACK-FILLED, AS PERMITTED BY THE CITY, WHERE ANY SECTION OF PIPE IS PROVIDED WITH CONCRETE THRUST BLOCKING, DO NOT CONDUCT PRESSURE TEST UNTIL AT LEAST 2 DAYS HAVE ELAPSED AFTER THE CONCRETE THRUST BLOCKING WAS INSTALLED. IF HIGH-EARLY CEMENT IS USED FOR THE CONCRETE THRUST BLOCKING, THE TIME MAY BE REDUCED TO 1 DAY. AFTER THE PIPE HAS BEEN BACK-FILLED OR PARTIALLY BACK-FILLED, AS HEREIN SPECIFIED, FILL THE PIPE WITH WATER, EXPELLING AIR DURING FILLING, AND PERMIT IT TO STAND FOR A 24-HOUR PERIOD TO ALLOW NATURAL ABSORPTION TO TAKE PLACE. THE PRESSURE TO BE USED IN THE TEST SHALL BE THE GREATER OF 1.5 TIMES THE WORKING PRESSURE OR 150 PSI. BEFORE DISINFECTING, FLUSH ALL FOREIGN MATTER FROM THE PIPELINE. PROVIDE HOSES, PUMPS, TEMPORARY PIPES, DITCHES, ETC., AS REQUIRED TO DISPOSE OF FLUSHING WATER WITHOUT DAMAGE TO ADJACENT PROPERTIES. FLUSHING VELOCITIES SHALL BE AT LEAST 2.5 FPS. FOR LARGE DIAMETER PIPE WHERE IT IS IMPRACTICAL OR IMPOSSIBLE TO FLUSH THE PIPE AT 2.5 FPS VELOCITY, CLEAN THE PIPELINE IN PLACE FROM THE INSIDE BY BRUSHING AND SWEEPING, THEN FLUSH THE LINE AT A LOWER VELOCITY.

DISINFECTION

PIPELINES INTENDED TO CARRY POTABLE WATER SHALL BE DISINFECTED AND TESTED BY THE CITY BEFORE PLACING IN SERVICE. DISINFECTION PROCEDURES SHALL CONFORM TO AWWA C651 AS HEREINAFTER MODIFIED OR EXPANDED, AND THE REQUIREMENTS OF ANY GOVERNING AGENCY HAVING JURISDICTION. TREATED WATER SHALL BE RETAINED IN THE PIPELINE LONG ENOUGH TO DESTROY ALL NONSPORE-FORMING BACTERIA, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO OPERATE ALL NEW VALVES, HYDRANTS AND OTHER APPURTENANCES DURING DISINFECTION TO ASSURE THAT THE DISINFECTING MIXTURE IS DISPERSED INTO ALL PARTS OF THE LINE, INCLUDING DEAD ENDS. NEW SERVICES AND SIMILAR AREAS THAT OTHERWISE MAY NOT RECEIVE THE TREATED WATER. AFTER THE APPLICABLE RETENTION PERIOD, HEAVILY CHLORINATED WATER WILL BE FLUSHED FROM THE NEW WATER MAIN. AFTER FINAL FLUSHING AND BEFORE THE NEW MAIN IS CONNECTED TO THE DISTRIBUTION SYSTEM, TWO CONSECUTIVE SETS OF ACCEPTABLE SAMPLES, TAKEN AT LEAST 24 HOURS APART, SHALL BE COLLECTED FROM THE NEW MAIN.

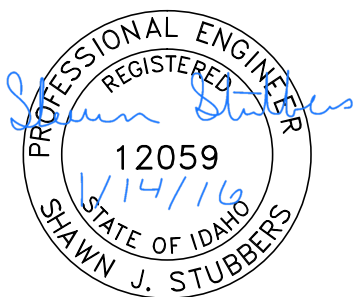
THE CONTRACTOR SHALL PROVIDE TESTING LOCATIONS AS DETERMINED BY THE SEQUENCE OF CONSTRUCTION PLAN OR AS DIRECTED BY THE ENGINEER. A COMBINATION BLOWOFF AND SAMPLING TAP IS RECOMMENDED, BUT SAMPLES MAY BE TAKEN AT TAPPED SADDLE LOCATIONS PROVIDED THAT THE SADDLE IS USED FOR A SERVICE CONNECTION AT THE COMPLETION OF THE PROJECT. NO HOSE OR FIRE HYDRANT MAY BE USED IN THE COLLECTION OF SAMPLES. ALL SAMPLES SHALL BE TESTED FOR BACTERIOLOGICAL QUALITY IN ACCORDANCE WITH STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, AND SHALL SHOW THE ABSENCE OF COLIFORM ORGANISMS. EACH TEST REQUIRES A MINIMUM 24 HOUR PERIOD FOR RESULTS.

ADDITIONAL WATER NOTES

- SUGGESTED SEQUENCE:
- 9TH STREET FROM END OF IRRP-2015 TO IDAHO STREET
 - F STREET FROM VALVE A-36 TO VALVE A-40
 - NEW SIXTH STREET
 - F STREET FROM VALVE A-47 TO VALVE A-54
 - F STREET FROM VALVE A-54 TO 5TH STREET TIE-IN

ALL FITTINGS NEEDED FOR TESTING ARE NOT CALLED OUT IN THE BID ITEMS AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO COST TO THE OWNER.

BRIAN HALL THE CITY'S WATER DISTRIBUTION SUPERVISOR (208-791-2032) SHALL BE CONTACTED 2 BUSINESS DAYS PRIOR TO ANY PRESSURE TESTING/DISINFECTION OF THE PUBLIC MAIN. THE DISINFECTION PROCEDURES CAN ONLY BE SCHEDULED ON MONDAY, TUESDAY OR WEDNESDAY. HE SHALL ALSO BE CONTACTED 2 BUSINESS DAYS PRIOR TO ANY TIE IN. TIE INS CAN OCCUR ON ANY WEEKDAY BUT MUST OCCUR BEFORE NOON ON FRIDAY. ANY ALTERATIONS TO THESE NOTIFICATIONS OR WORK SCHEDULES MUST BE APPROVED BY THE ENGINEER.

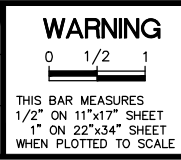


CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
NA



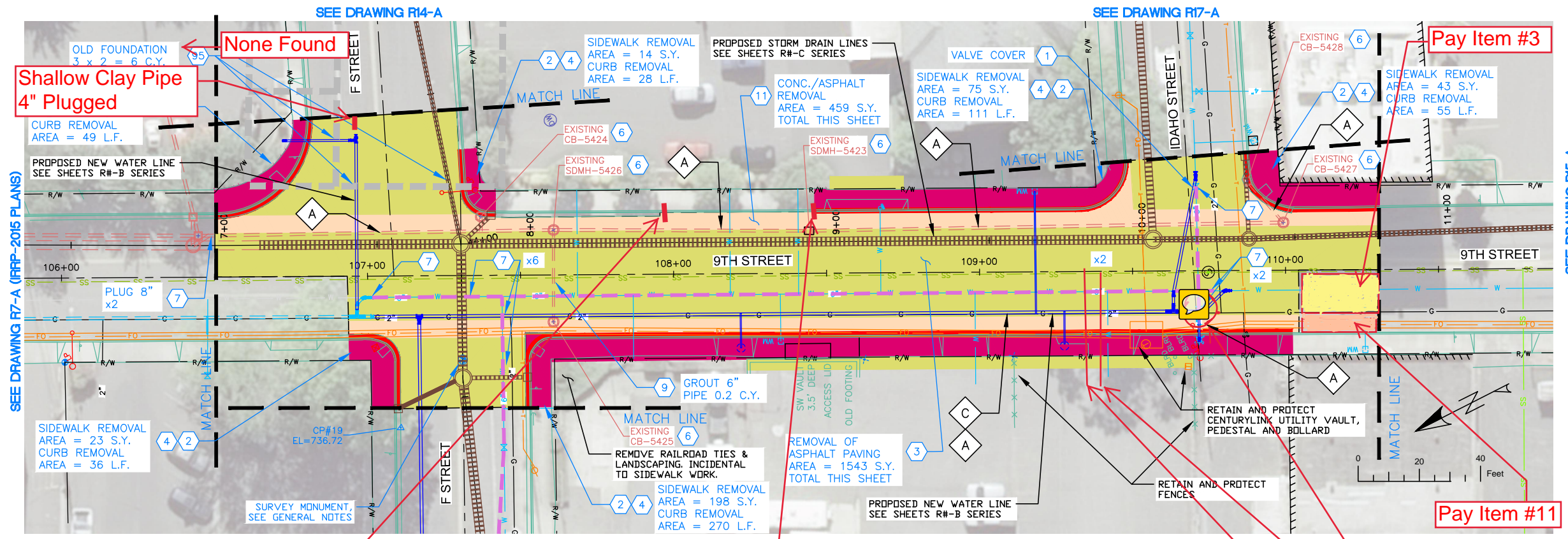
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

WATERLINE PHASING DIAGRAM

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 13 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: P-6



SEE DRAWING R7-A (IRRP-2016 PLANS)

SEE DRAWING R15-A

NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

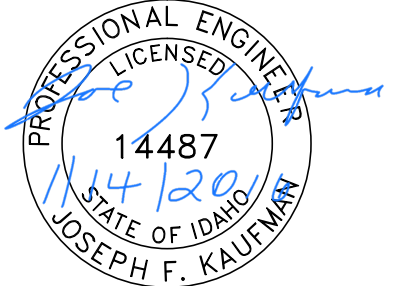
SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- C Relocate Franchise Utility (Avista) by others.

PAY ITEMS

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1
- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C
- 11 Removal of Concrete with Asphalt overlay, Item 201.4.1.D.1C
- 95 Removal of Obstruction, C.Y., Item 201.4.1.G.1

PAVEMENT REMOVAL
 CONCRETE REMOVAL
 CONCRETE WITH ASPHALT OVERLAY REMOVAL



BID DOCUMENTS

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 14 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R8-A

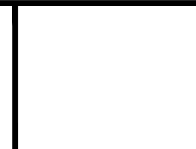
None Found
Shallow Clay Pipe 4" Plugged
Curb Rem.
Curb Rem.
Pay Item #3
Pay Item #11
Removed Valve
Plugged Old 6" Line
New SS 4" Service-End of Line is Marked with 5/8 Rebar

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

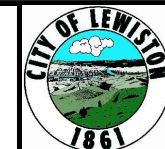
SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING

 THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

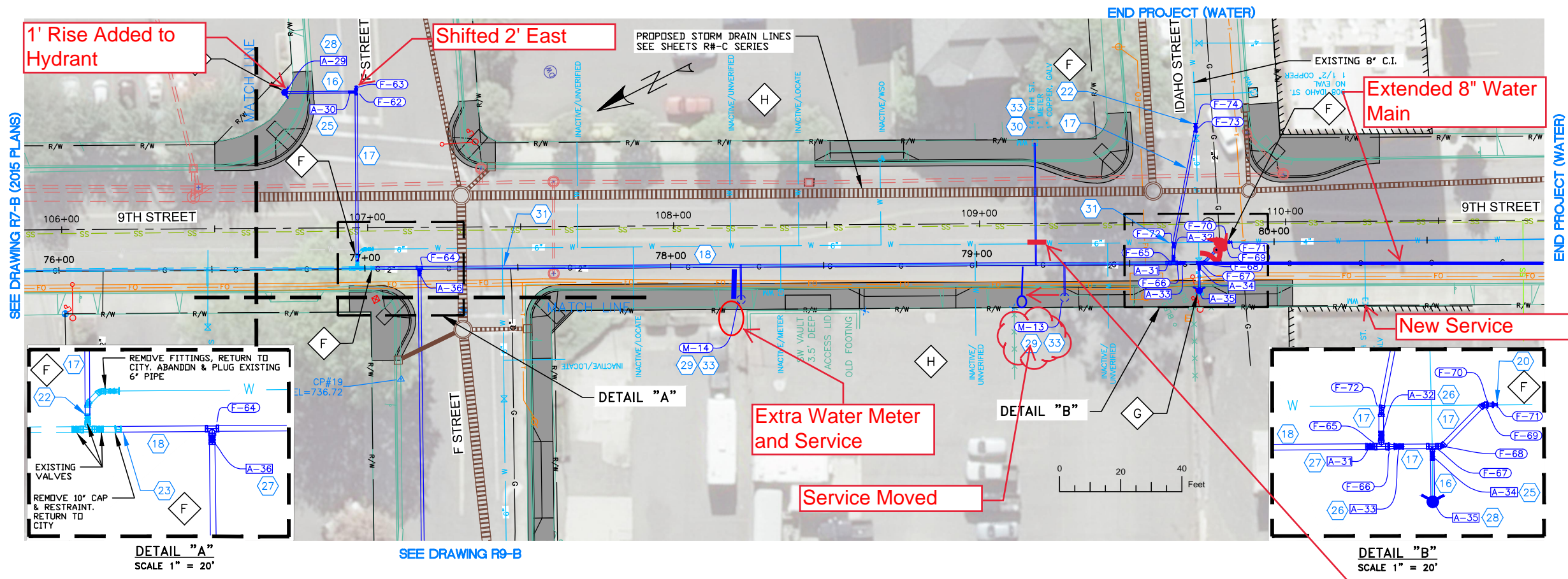


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DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

REMOVAL PLAN

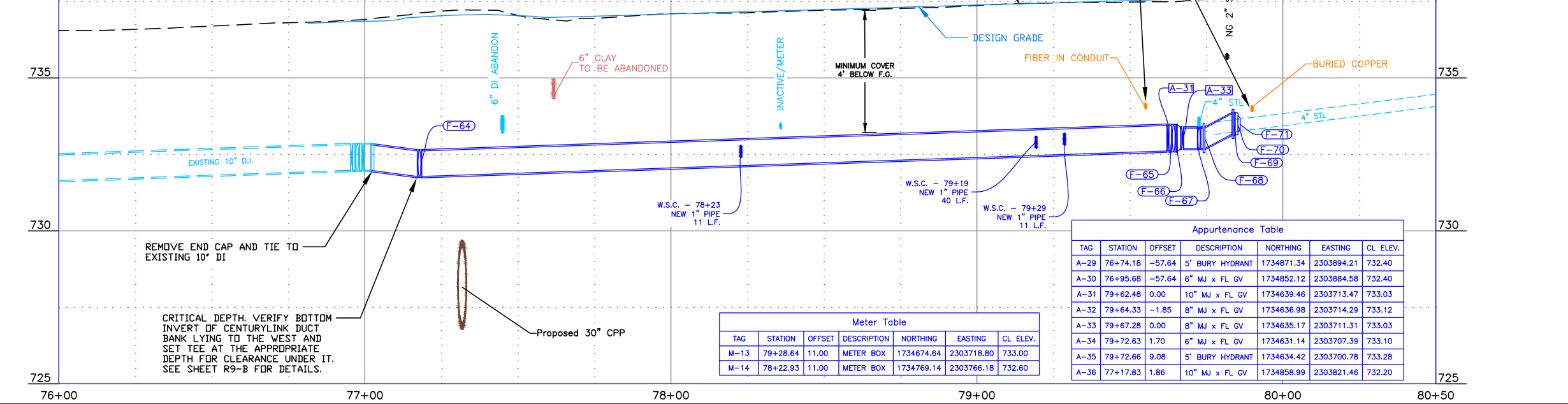


Fitting Table

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-62	76+97.52	-57.64	8"x6" MJ x FL TEE	1734850.48	2303883.75	732.40
F-63	76+97.52	-59.08	8" PLUG	1734849.84	2303885.04	732.40
F-64	77+17.82	0.00	10"x10" MJ x FL TEE	1734858.16	2303823.13	732.20
F-65	79+64.33	0.00	10"x8" FL TEE	1734637.81	2303712.64	733.03
F-66	79+66.00	0.00	10"x6" FL REDUCER	1734636.31	2303711.88	733.03
F-67	79+72.63	0.00	8"x6" MJ x FL TEE	1734630.39	2303708.92	733.03
F-68	79+74.25	0.00	8" MJ 45 ELL	1734628.94	2303708.19	733.03

Fitting Table

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-69	79+83.73	0.00	8" MJ 45 ELL	1734619.94	2303711.18	733.50
F-70	79+84.90	0.00	8"x4" MJ REDUCER	1734618.89	2303710.66	733.50
F-71	79+85.73	0.01	4" MJ LONG SLEEVE	1734618.15	2303710.28	733.50
F-72	79+64.33	-5.84	8" MJ 11 ELL	1734635.19	2303717.86	733.25
F-73	79+83.73	-38.05	8" MJ 11 ELL	1734611.52	2303748.29	733.70
F-74	79+83.73	-39.48	8" MJ LONG SLEEVE	1734610.91	2303749.61	733.70



Appurtenance Table

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-29	76+74.18	-57.64	5' BURY HYDRANT	1734871.34	2303894.21	732.40
A-30	76+95.68	-57.64	6" MJ x FL GV	1734852.12	2303884.58	732.40
A-31	79+62.48	0.00	10" MJ x FL GV	1734639.46	2303713.47	733.03
A-32	79+64.33	-1.85	8" MJ x FL GV	1734636.98	2303714.29	733.12
A-33	79+67.28	0.00	8" MJ x FL GV	1734635.17	2303711.31	733.03
A-34	79+72.63	1.70	6" MJ x FL GV	1734631.14	2303707.39	733.10
A-35	79+72.66	9.08	5' BURY HYDRANT	1734634.42	2303700.78	733.28
A-36	77+17.83	1.86	10" MJ x FL GV	1734858.99	2303821.46	732.20

Meter Table

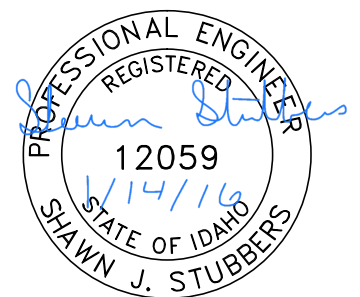
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-13	79+28.64	11.00	METER BOX	1734674.64	2303718.80	733.00
M-14	78+22.93	11.00	METER BOX	1734769.14	2303766.18	732.60

- NOTES**
- REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
 - ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
 - CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

- SPECIAL NOTES**
- F Connect to existing main as directed by project engineer.
 - G Install Hydrant as directed by project engineer.
 - H Abandon inactive service lines in place.

- PAY ITEMS**
- 16 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1B
 - 17 Water Main Pipe - 8" DI Type, Item 401.4.1.A.1C
 - 18 Water Main Pipe - 10" DI Type, Item 401.4.1.A.1D
 - 19 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1
 - 20 Connect to Existing Main - 4", Item 401.4.1.C.1A
 - 22 Connect to Existing Main - 8", Item 401.4.1.C.1C
 - 23 Connect to Existing Main - 10", Item 401.4.1.C.1D
 - 25 Valve - Size 6", Item 402.4.1.A.1B
 - 26 Valve - Size 8", Item 402.4.1.A.1C
 - 27 Valve - Size 10", Item 402.4.1.A.1D
 - 28 Hydrant, Item 403.4.1.A.1
 - 29 Water Service Connection, No Meter (See Meter Table this sheet), Size ____, Item 404.4.1.A.1
 - 30 Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
 - 31 Potable Water Main Crossing, Item SP-404A
 - 33 Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

REVISIONS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL 1" = 40'
VERTICAL 1" = 4'

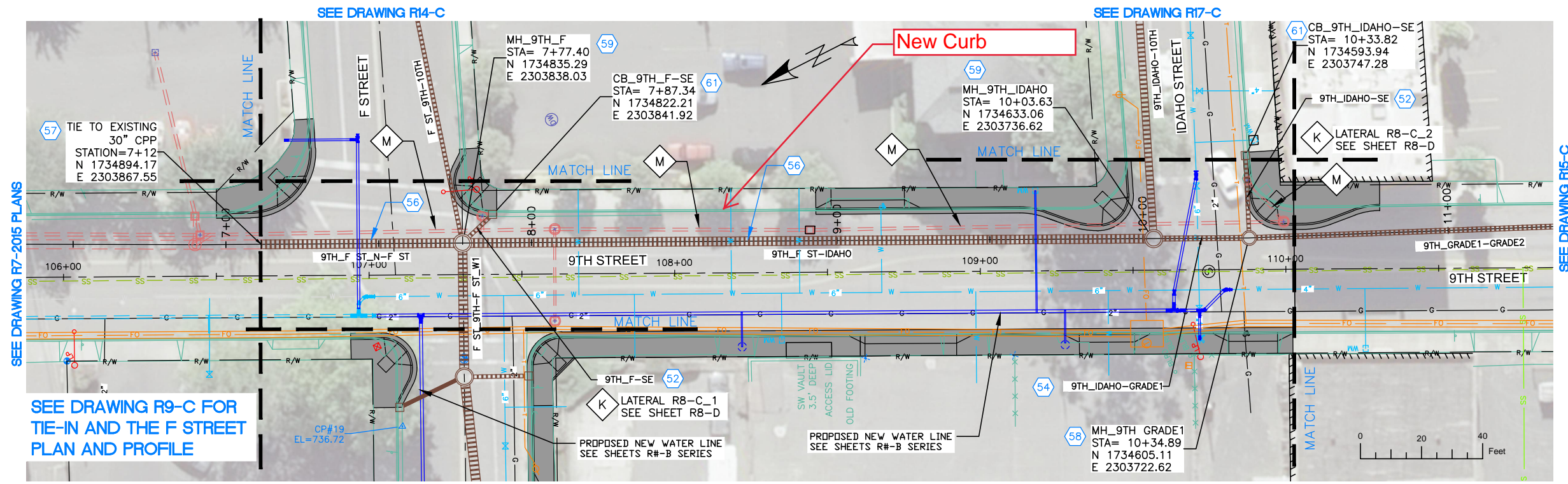
WARNING
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CITY OF LEWISTON
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DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
WATER LINE PLAN & PROFILE

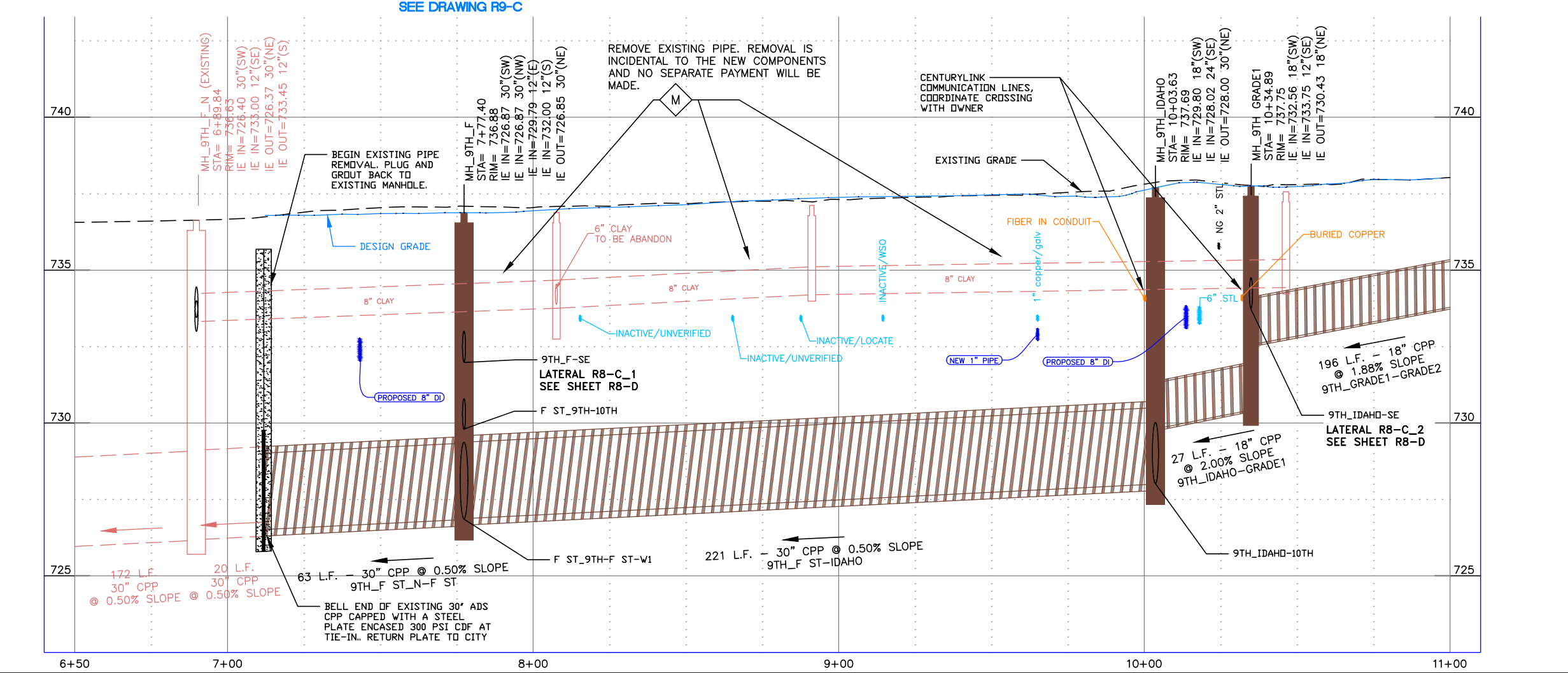
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 15 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R8-B



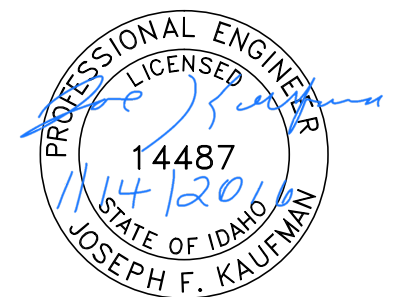
- NOTES**
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
 2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
 3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
 4. NORTHINGS AND 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**
- K** Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.
 - M** Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

- PAY ITEMS**
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
 - 54 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
 - 56 30" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17E
 - 57 Existing Storm Drain Connection, Item 601.4.1.C.1
 - 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
 - 59 Storm Drain Manhole, 60" Diameter, Item 602.4.1.A.1B
 - 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A



STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

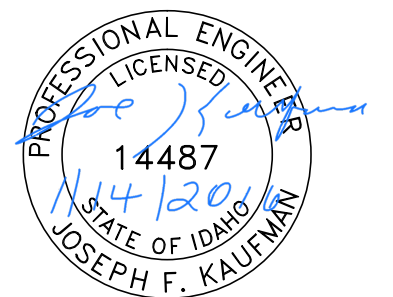
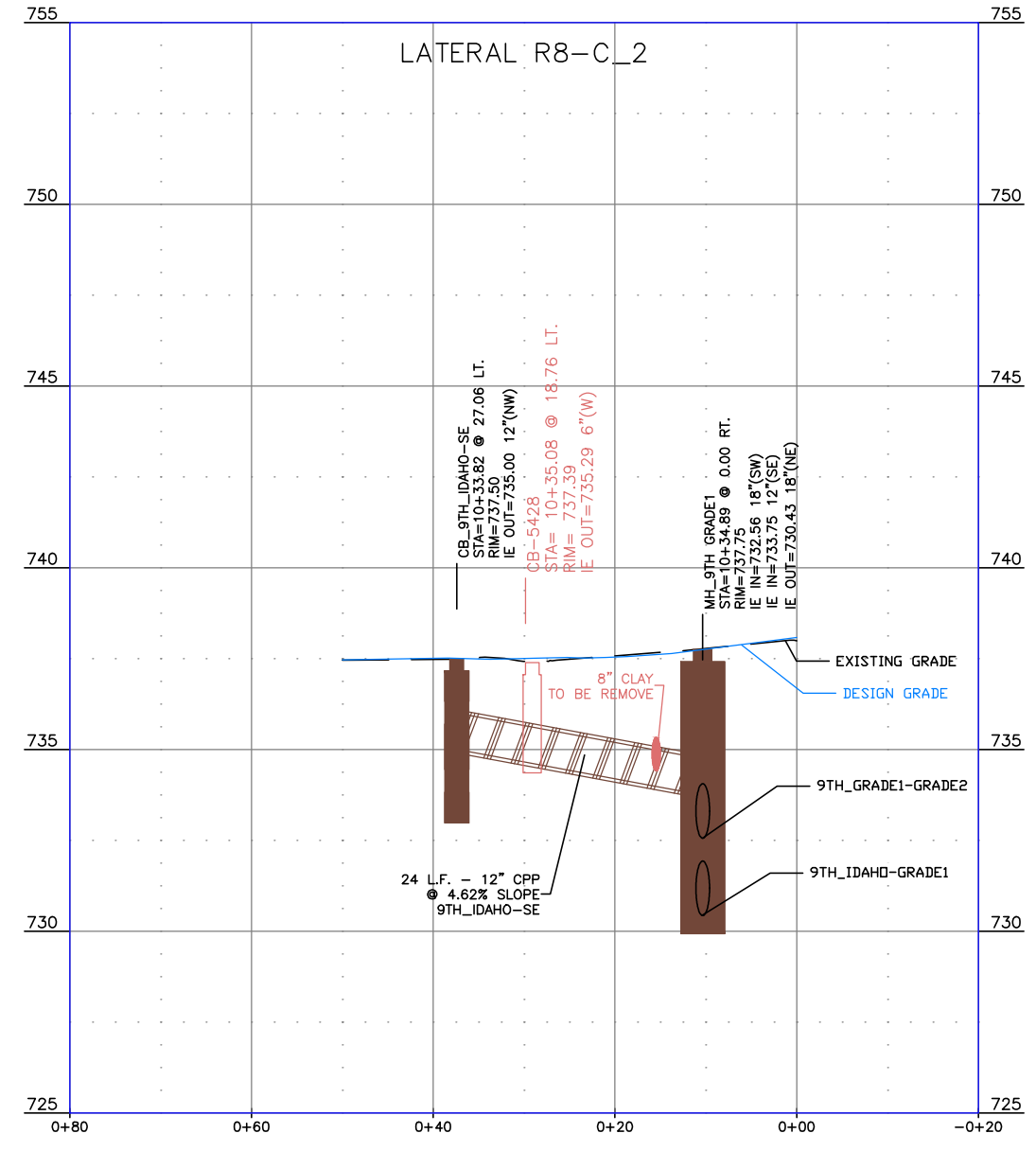
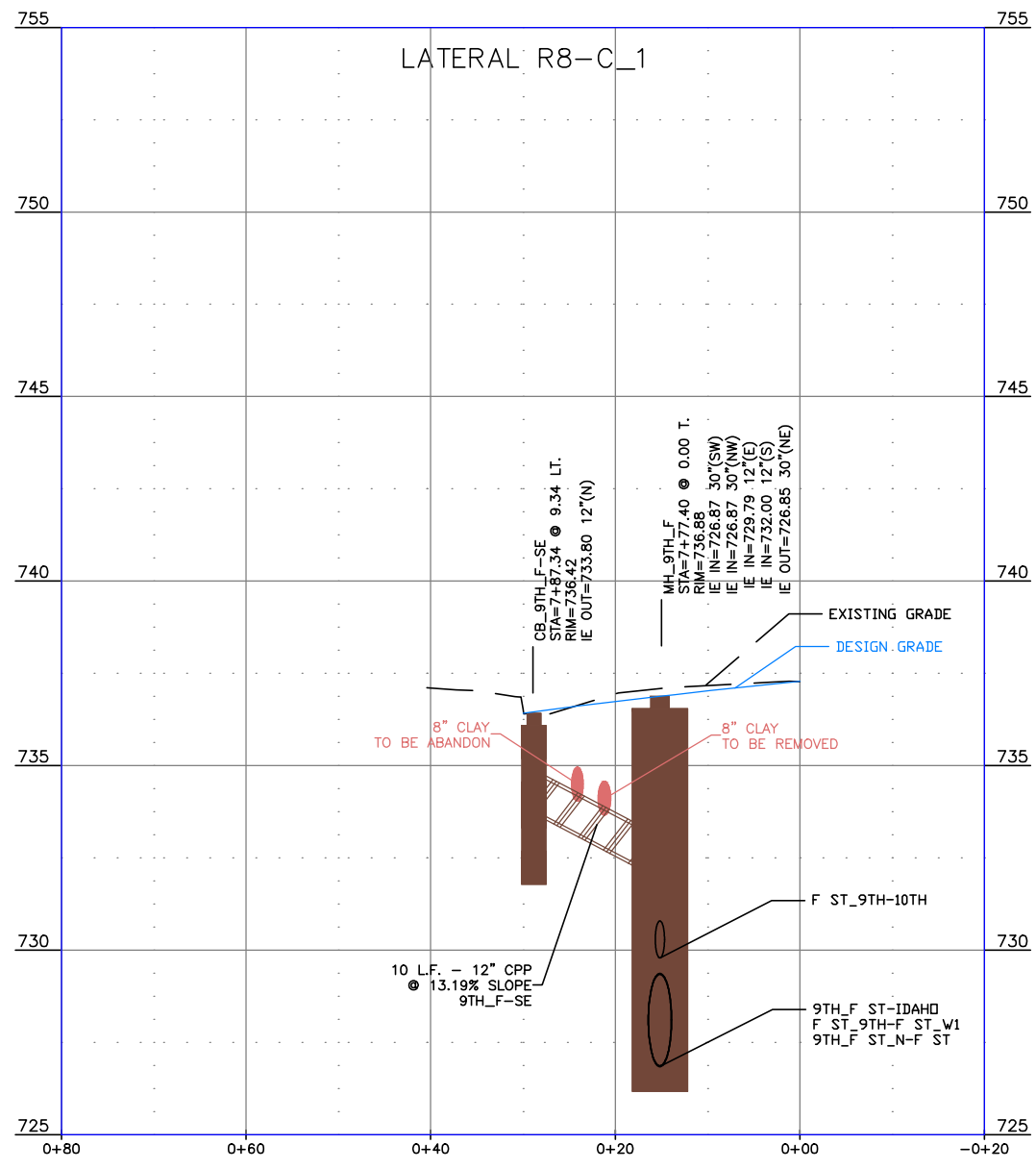
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 16 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R8-C



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL AS SHOWN
VERTICAL AS SHOWN

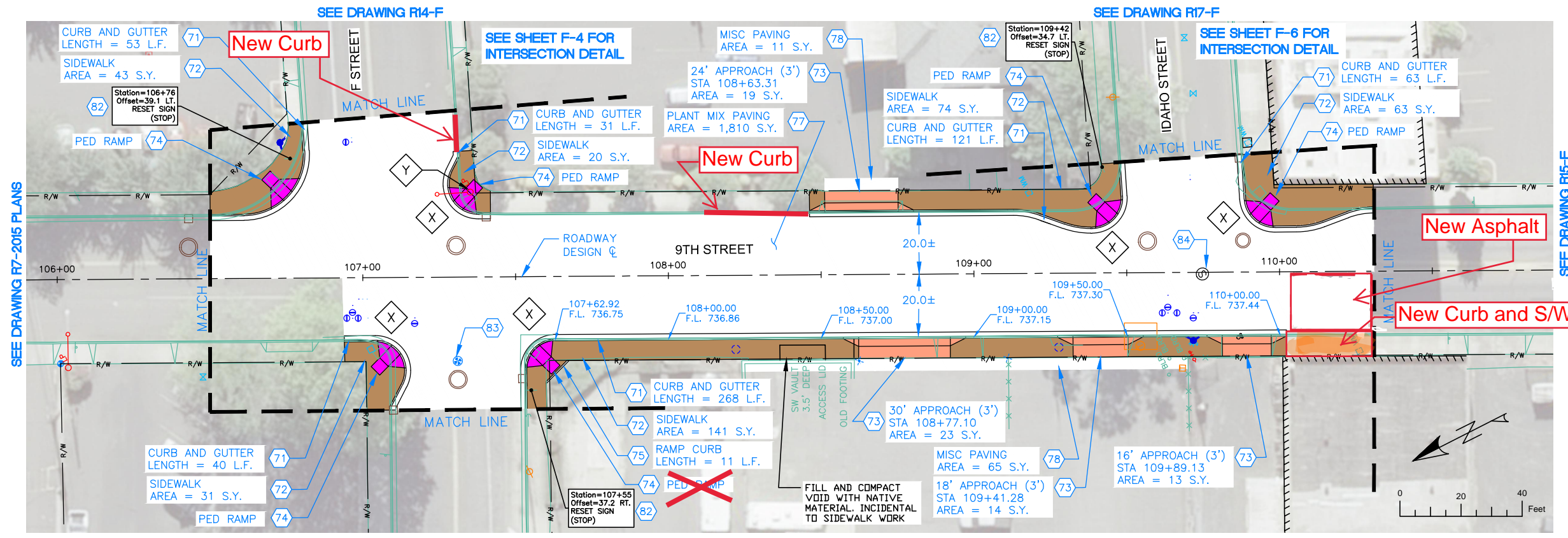
WARNING
0 1/2 1
THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STORM DRAIN LATERAL PROFILES

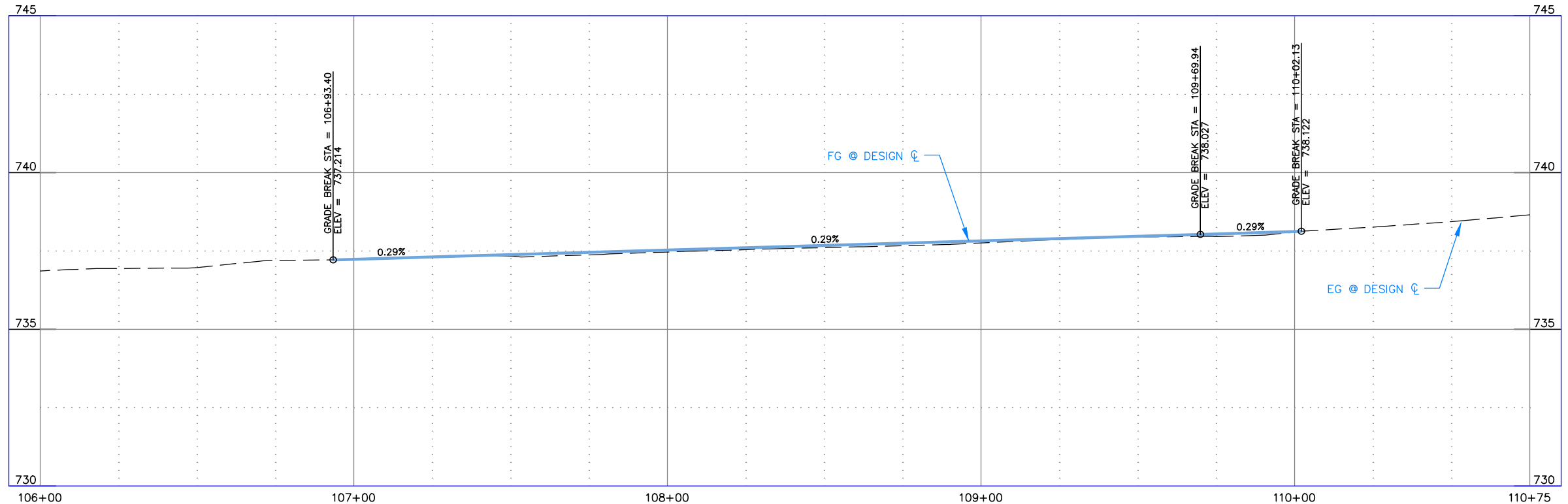
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 17 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R8-D



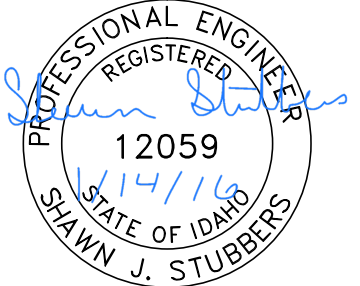
- ### NOTES
- REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
 - ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
 - CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

- ### SPECIAL NOTES
- X New Curb Returns are to be Mountable Curb as directed by the Engineer (See ISPWC SD-703), Incidental to Item 706.4.1.A.5
 - Y Light pole to be relocated by others.

- ### PAY ITEMS
- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
 - 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
 - 73 Concrete Driveway Approach, Item 706.4.1.F.1
 - 74 Pedestrian Ramp with Detectable Warning Domes, Item 706.4.1.H.1
 - 75 Ramp Curb, Item 706.4.1.A.13
 - 77 Plant Mix Pavement, Item 810.4.1.A.3
 - 78 Miscellaneous Paving, Item 810.4.4.A.5
 - 82 Remove and Reset Sign, Item SP-1105.A
 - 83 Reference and Reset Monument, Item 2020.4.1.F.1
 - 84 Manhole, Adjust to Grade, Item 2030.4.1.A.1



- MISCELLANEOUS CONCRETE
- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



BID DOCUMENTS

736.9	736.9	737.0	737.2	737.2	737.23	737.3	737.31	737.3	737.38	737.4	737.45	737.5	737.53	737.5	737.60	737.6	737.67	737.7	737.75	737.8	737.82	737.9	737.89	737.9	737.97	738.0	738.04	738.1	738.12	738.3	738.4	738.6
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NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
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1/2" ON 11"x17" SHEET
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WHEN PLOTTED TO SCALE



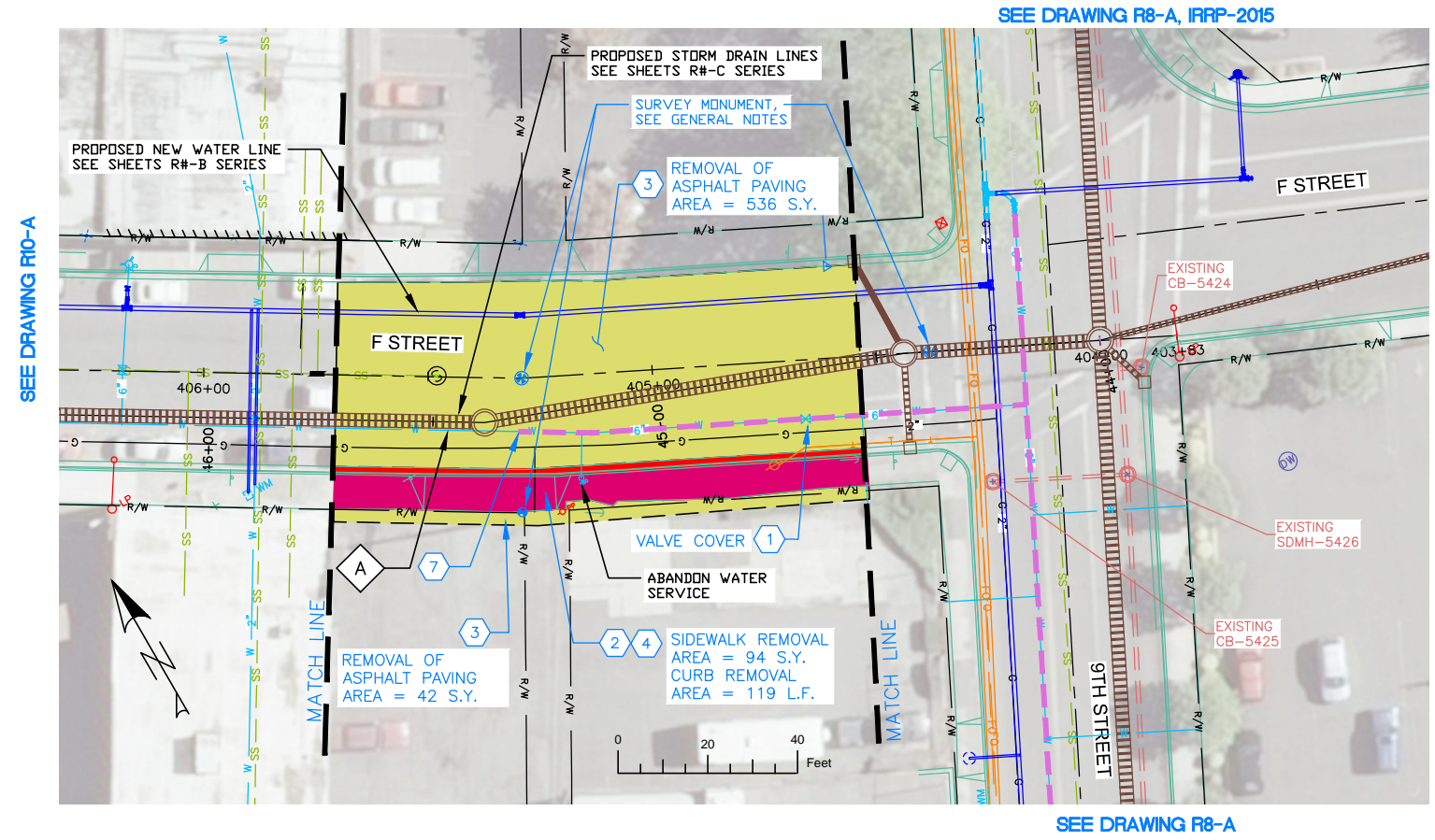
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
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208-746-1316
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**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 18 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R8-F



SEE DRAWING R8-A, IRRP-2015

SEE DRAWING R10-A

SEE DRAWING R14-A

SEE DRAWING R8-A

NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

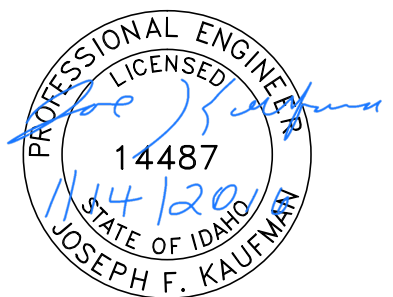
SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1
- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A

PAVEMENT REMOVAL
 CONCRETE REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 40'
 VERTICAL
 1" = 4'

WARNING
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 WHEN PLOTTED TO SCALE

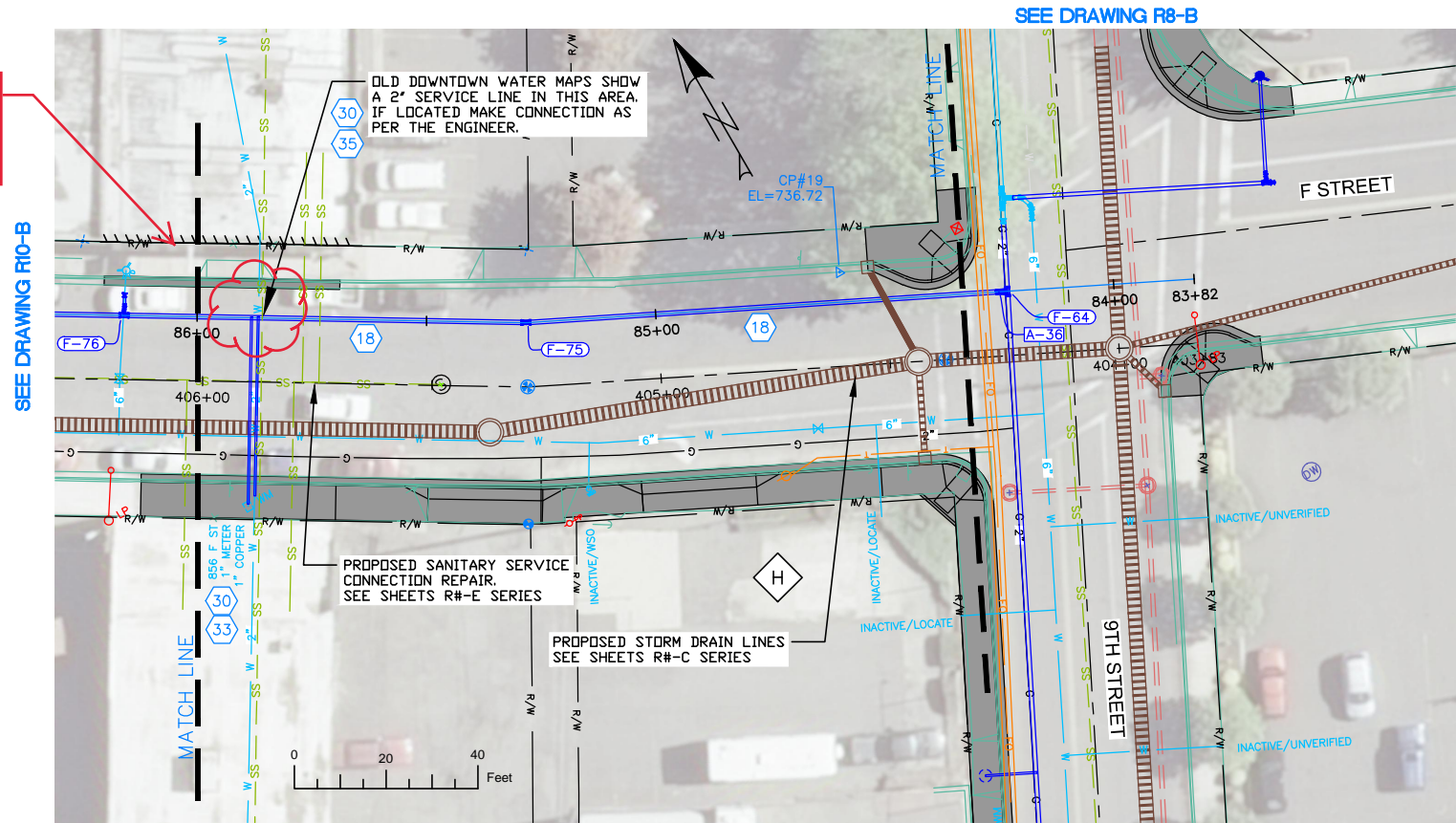
CITY OF LEWISTON
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 208-746-1316
 FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 19 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R9-A

2-2" Services Abandoned from Alley



NOTES

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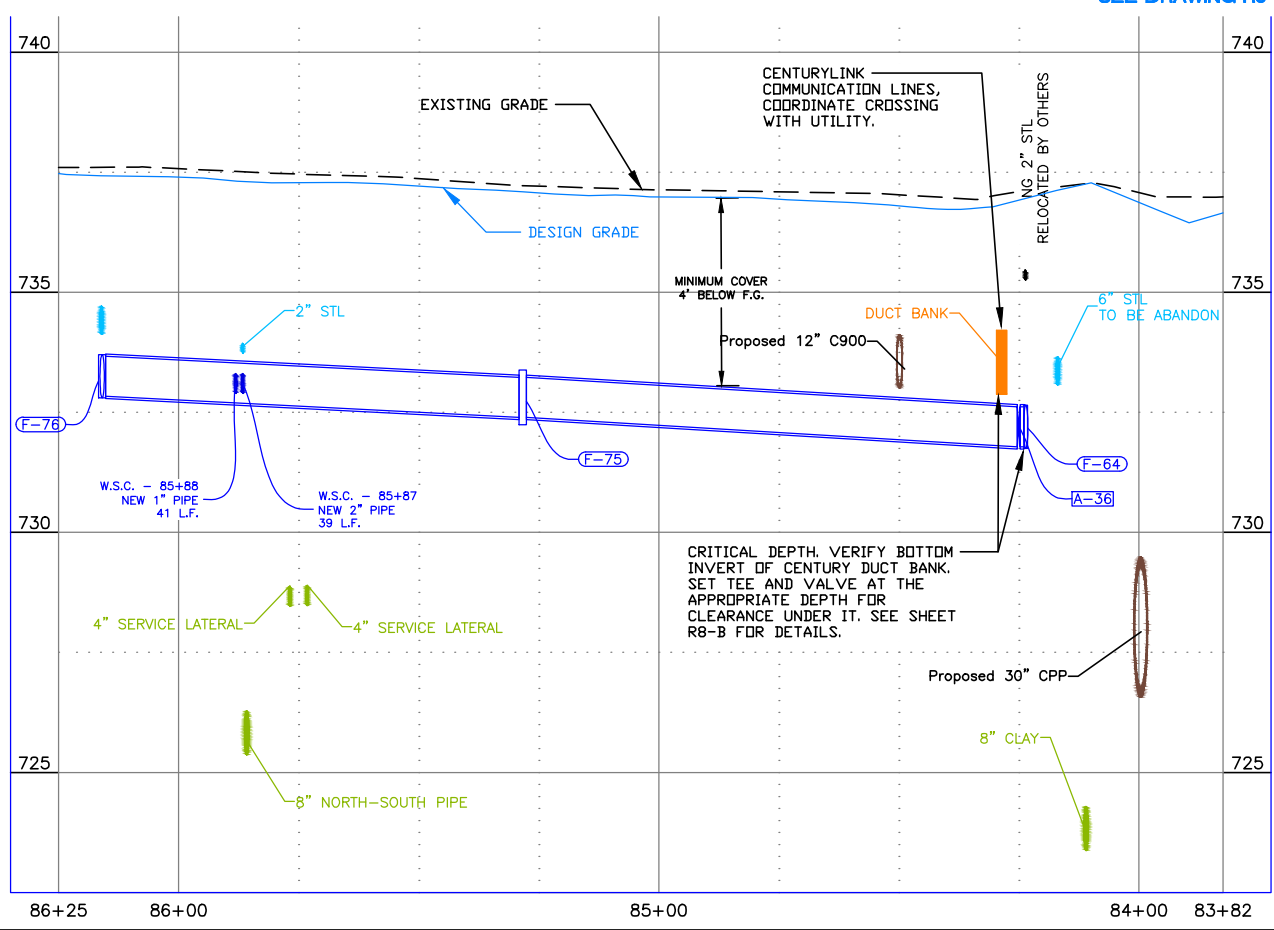
SPECIAL NOTES

H Abandon inactive service lines in place.

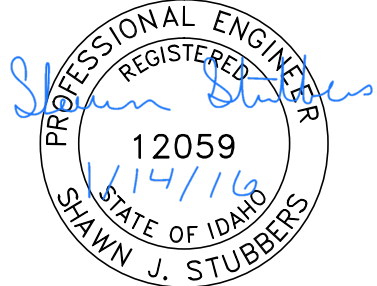
PAY ITEMS

- 18** Water Main Pipe - 10" DI Type, Item 401.4.1.A.1D
- 19** Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1
- 30** Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
- 33** Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A
- 35** Water Service Pipe 2", Item 404.4.1.C.1C

Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-75	85+28.35	0.00	10" MJ 11 ELL	1734904.69	2303728.83	732.81



STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

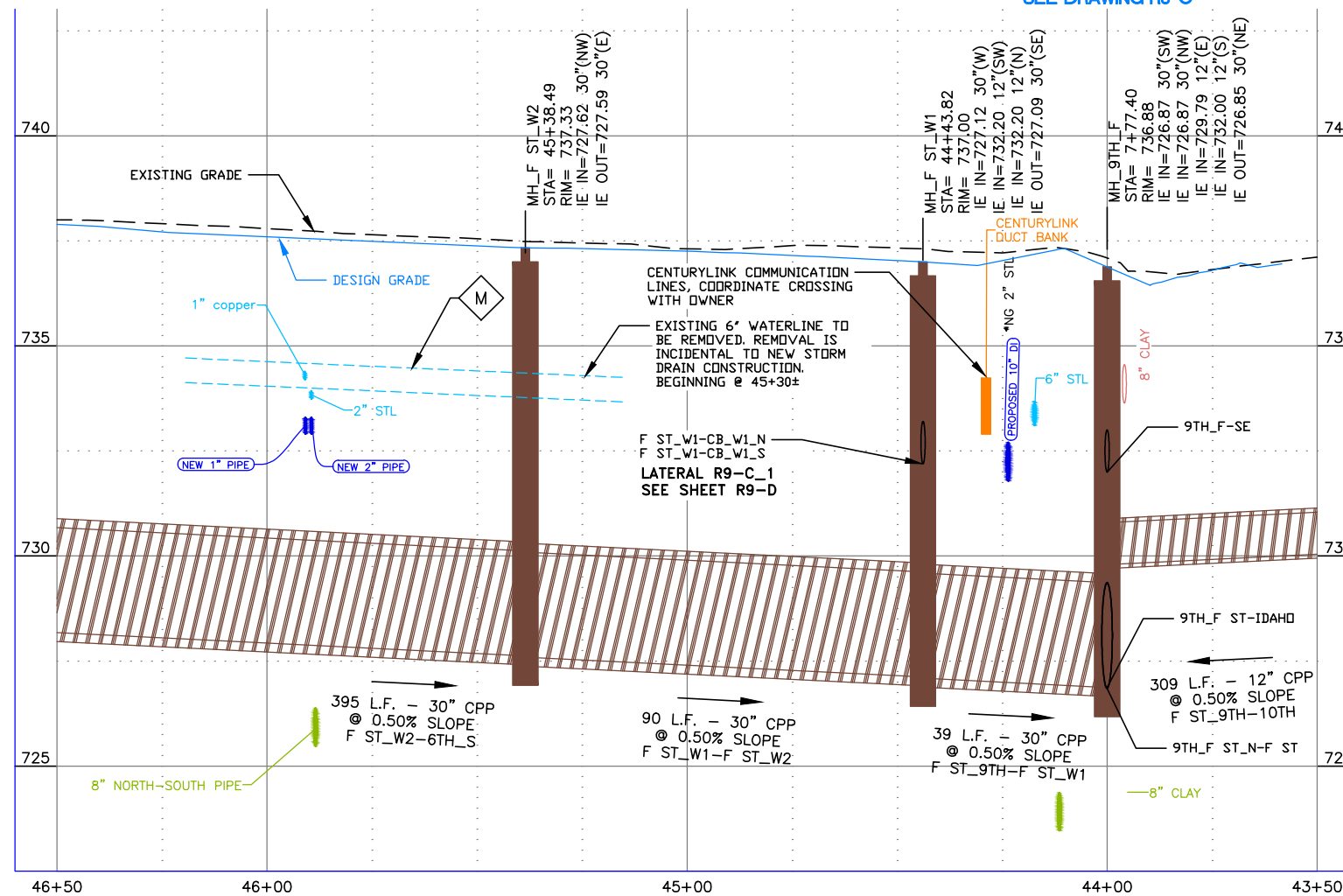
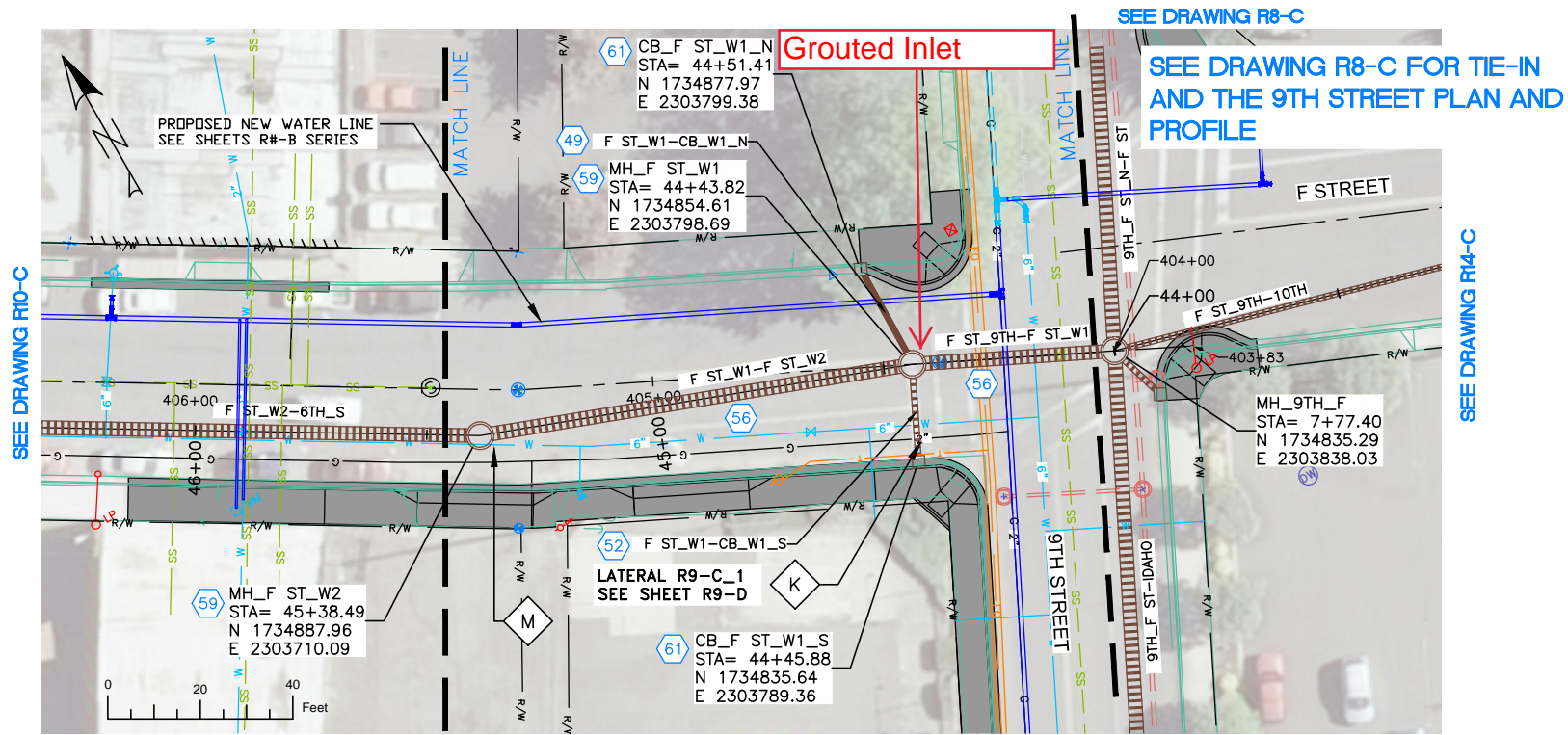
WARNING
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CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
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FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
WATER LINE PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 20 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R9-B



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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.

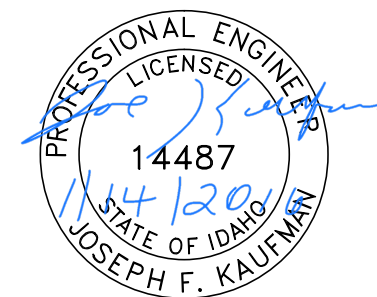
SPECIAL NOTES

- K** Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.
- M** Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

- 49 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 56 30" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17E
- 59 Storm Drain Manhole, 60" Diameter, Item 602.4.1.A.1B
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE

HORIZONTAL
1" = 40'

VERTICAL
1" = 4'

WARNING

0 1/2 1

THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

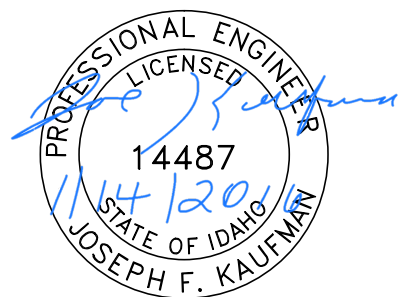
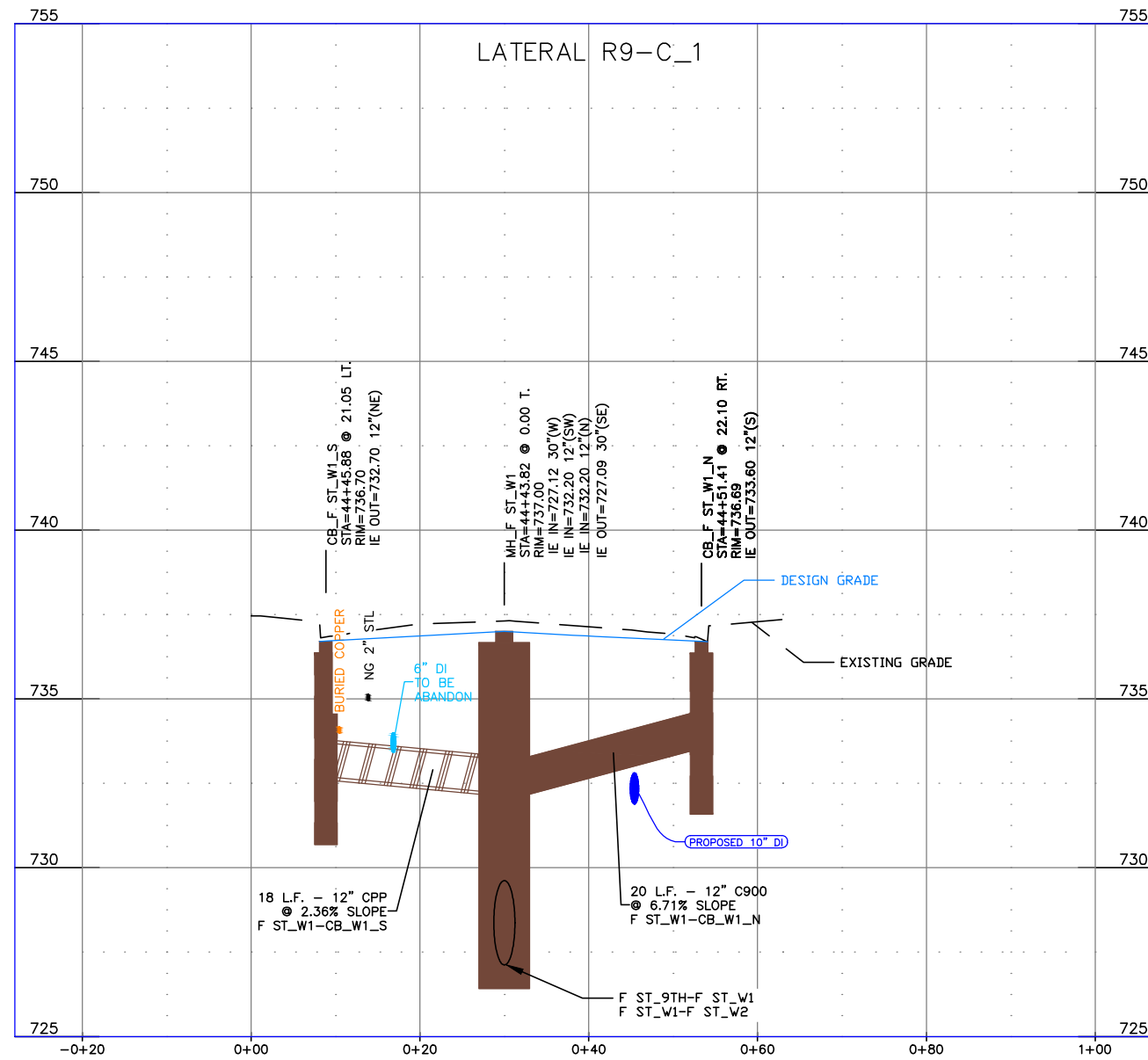
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

STORM DRAIN PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	21 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R9-C



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

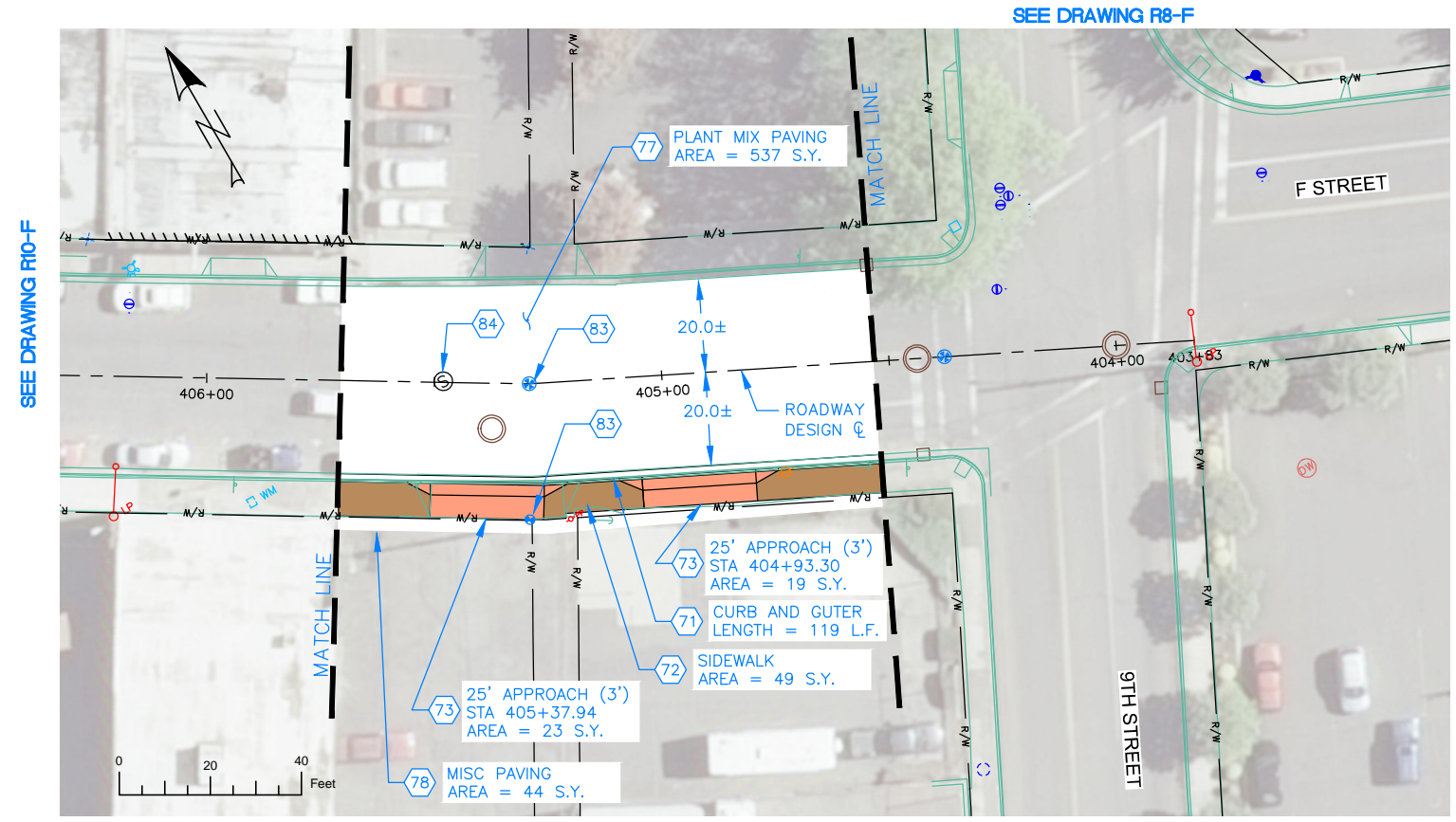


CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 22 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R9-D



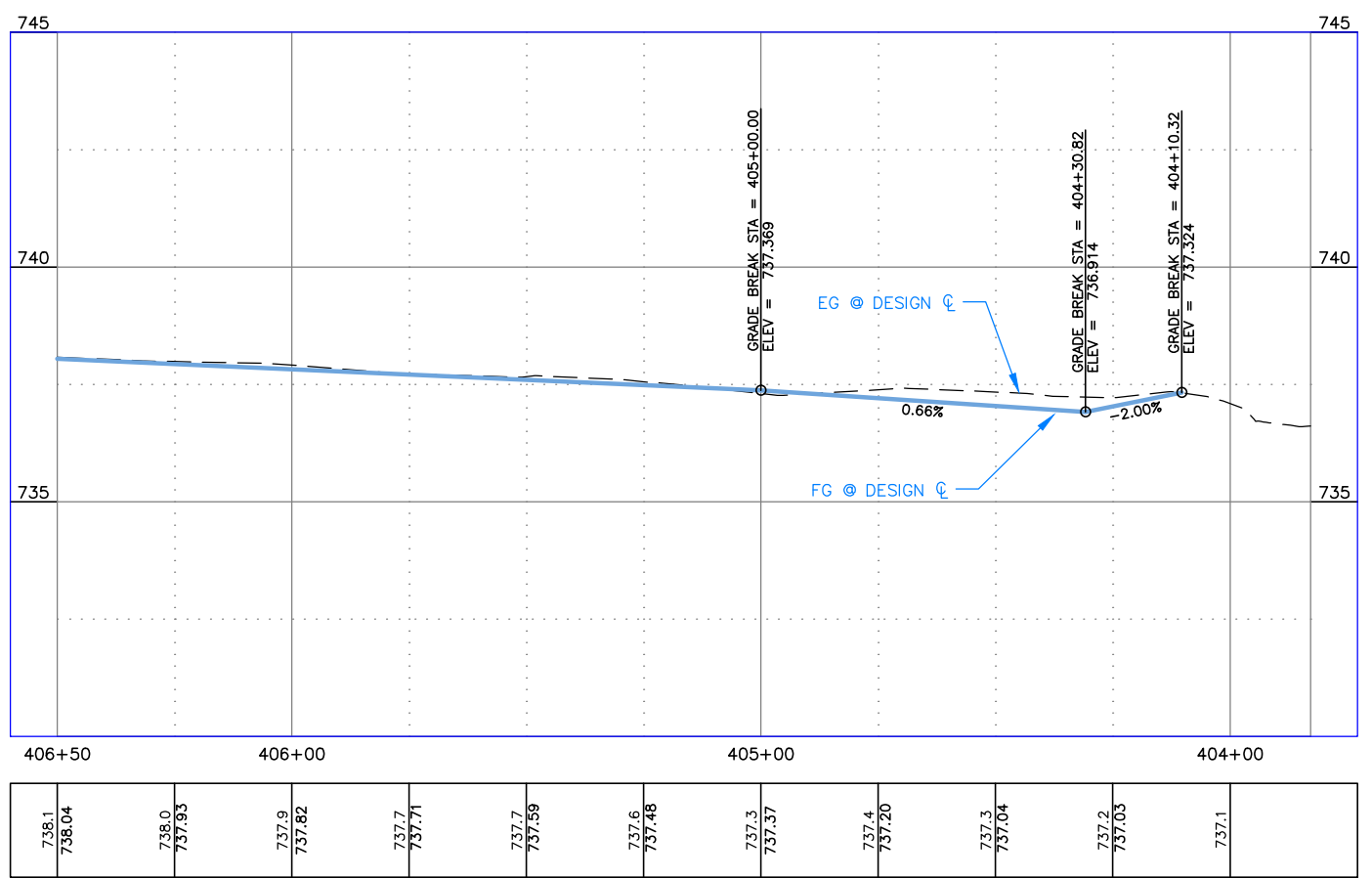
NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

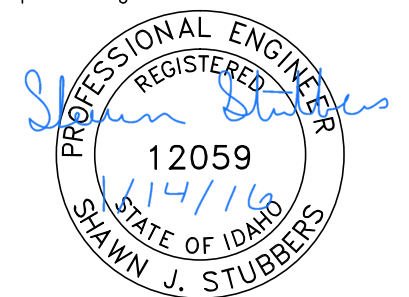
SPECIAL NOTES

PAY ITEMS

- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
- 73 Concrete Driveway Approach, Item 706.4.1.F.1
- 77 Plant Mix Pavement, Item 810.4.1.A.3
- 78 Miscellaneous Paving, Item 810.4.4.A.5
- 83 Reference and Reset Monument, Item 2020.4.1.F.1
- 84 Manhole, Adjust to Grade, Item 2030.4.1.A.1



- MISCELLANEOUS CONCRETE
- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



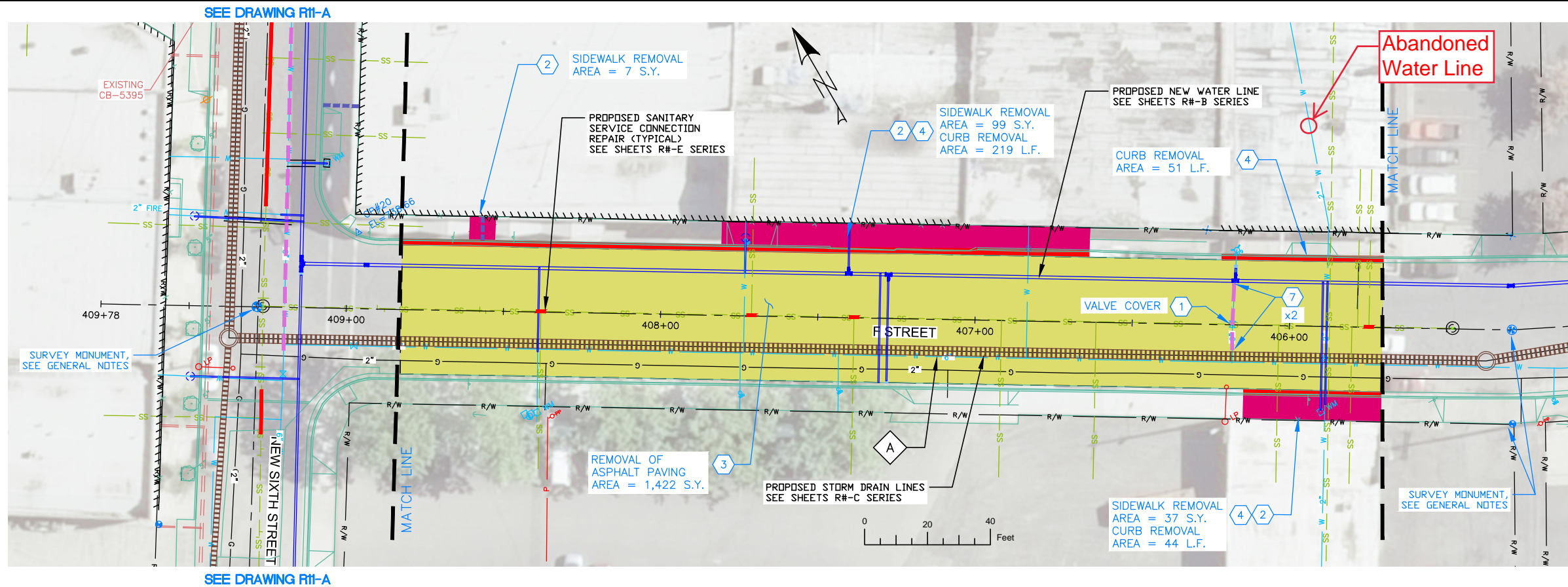
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 23 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R9-F



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

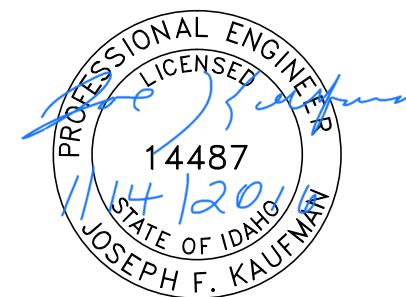
SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1
- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A

PAVEMENT REMOVAL
 CONCRETE REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 40'
 VERTICAL
 1" = 4'

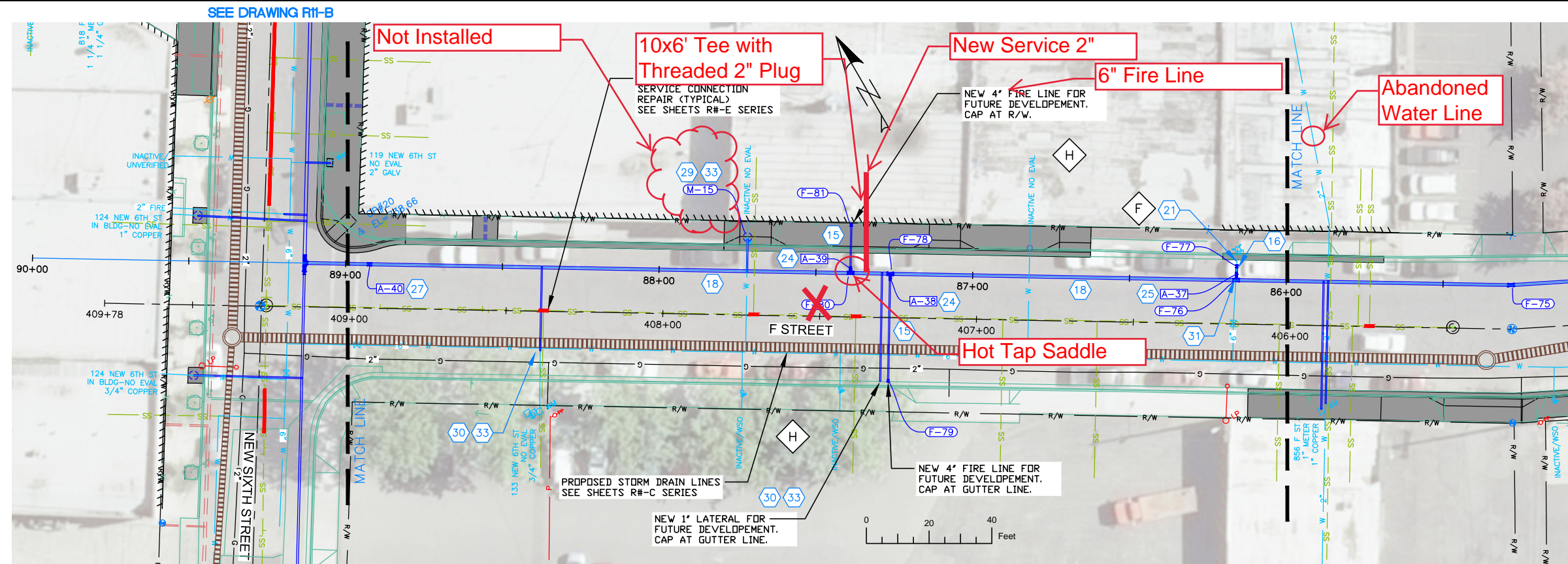
WARNING
 THIS BAR MEASURES
 1/2" ON 11"x17" SHEET
 1" ON 22"x34" SHEET
 WHEN PLOTTED TO SCALE

CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON ID 83501
 208-746-1316
 FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 24 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R10-A



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

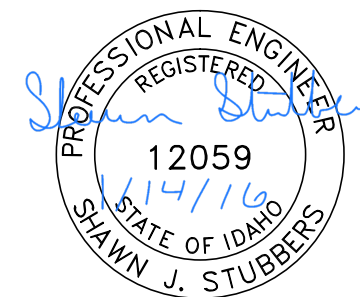
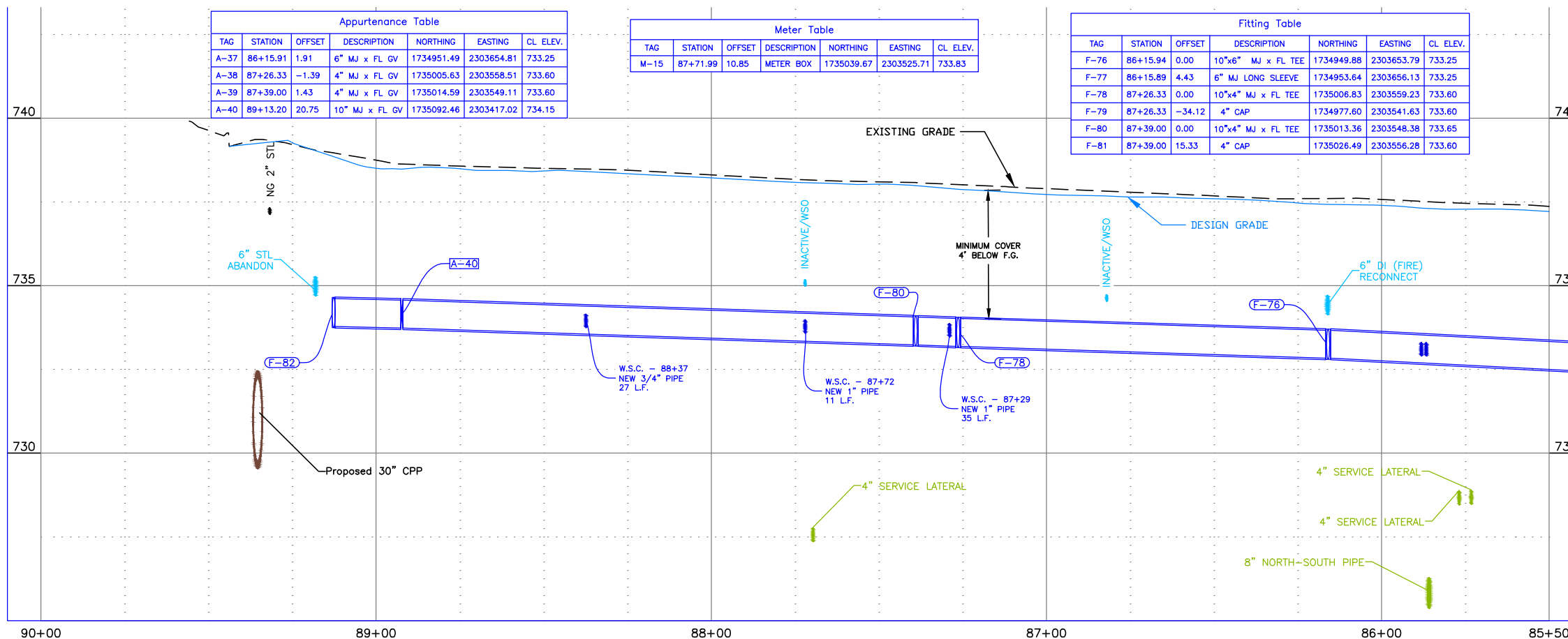
SPECIAL NOTES

- F Connect to existing main as directed by project engineer.
- H Abandon inactive service lines in place.

PAY ITEMS

- 15 Water Main Pipe - 4" DI Type, Item 401.4.1.A.1A
- 16 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1B
- 18 Water Main Pipe - 10" DI Type, Item 401.4.1.A.1D
- 19 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1
- 21 Connect to Existing Main - 6", Item 401.4.1.C.1B
- 24 Valve - Size 4", Item 402.4.1.A.1A
- 25 Valve - Size 6", Item 402.4.1.A.1B
- 27 Valve - Size 10", Item 402.4.1.A.1D
- 29 Water Service Connection, No Meter (See Meter Table this sheet), Size ____, Item 404.4.1.A.1
- 30 Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
- 31 Potable Water Main Crossing, Item SP-404A
- 33 Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A

SEE DRAWING R11-B



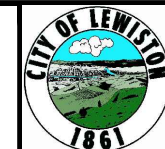
BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

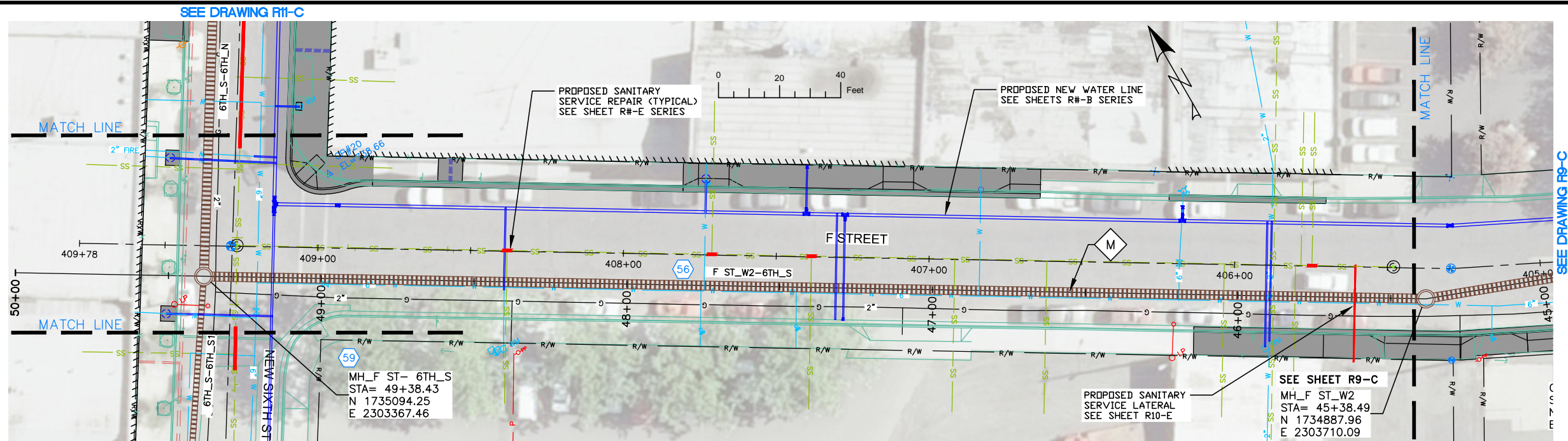
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

WATER LINE PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	25 of 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R10-B



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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.

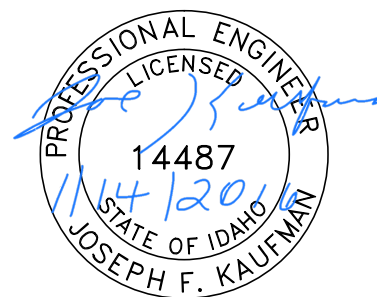
SPECIAL NOTES

M Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

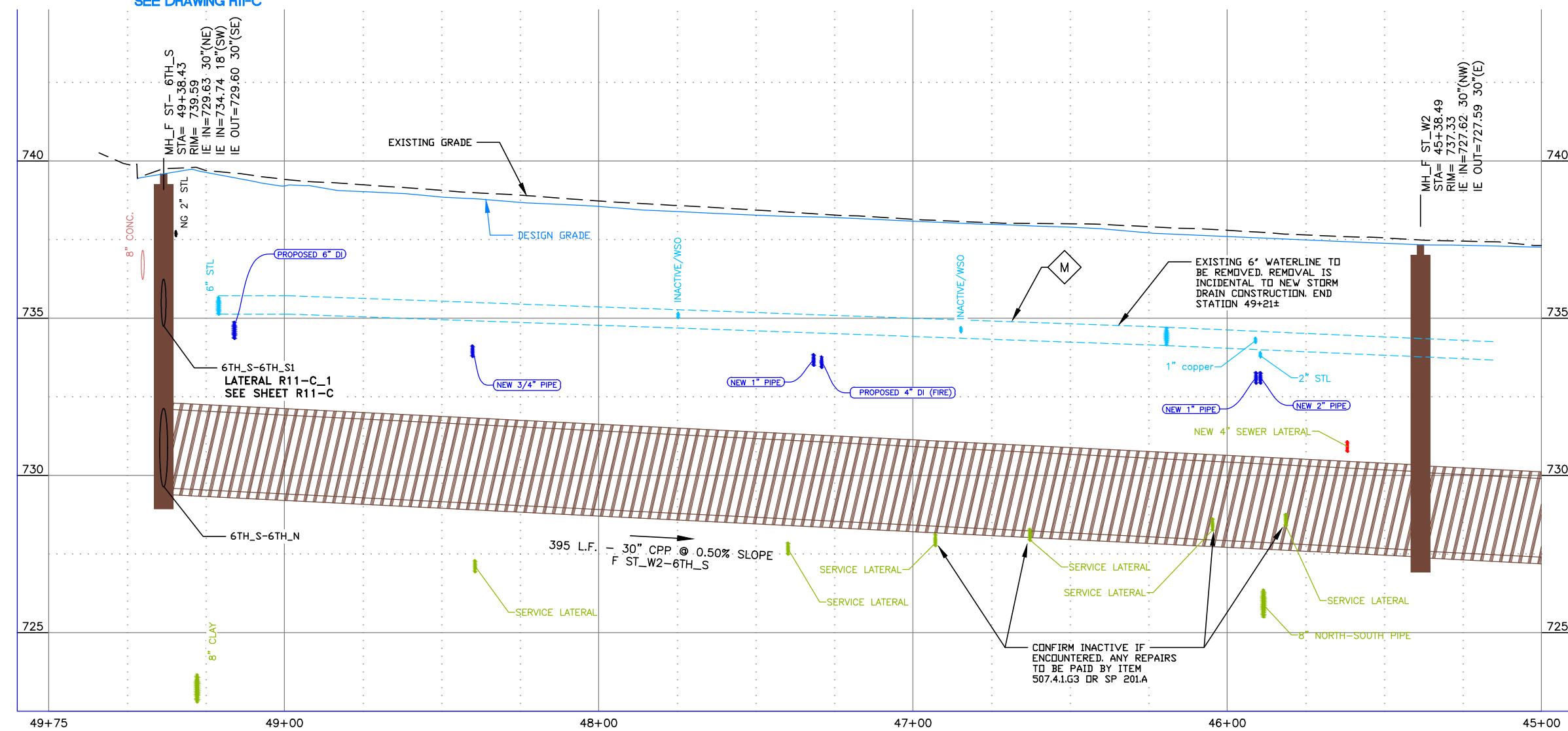
PAY ITEMS

- 56 30" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17E
- 59 Storm Drain Manhole, 60" Diameter, Item 602.4.1.A.1B

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

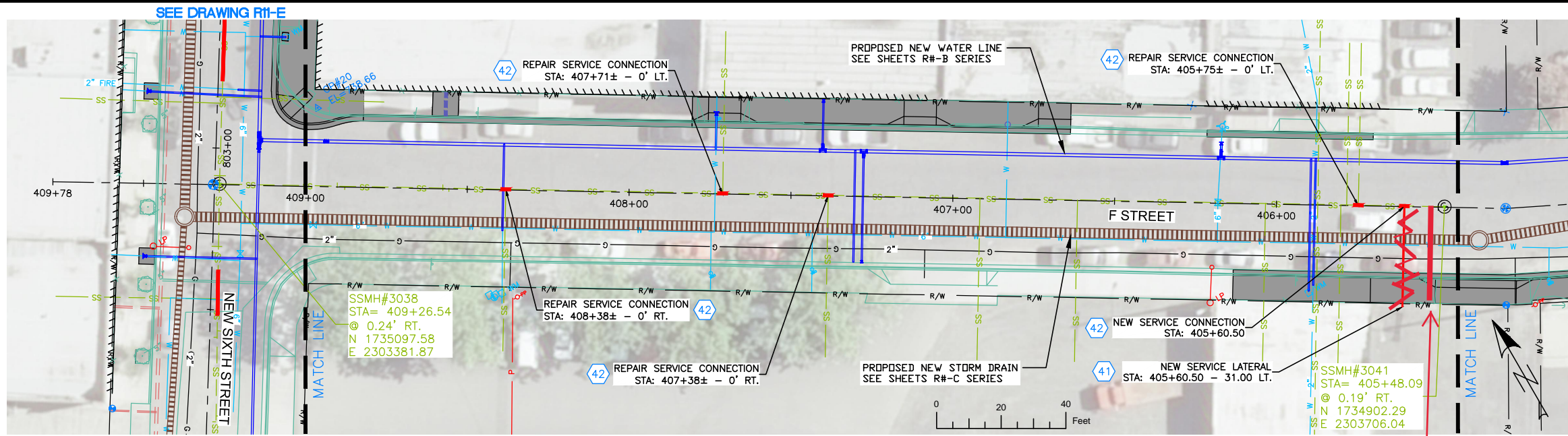
WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 26 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R10-C



NOTES

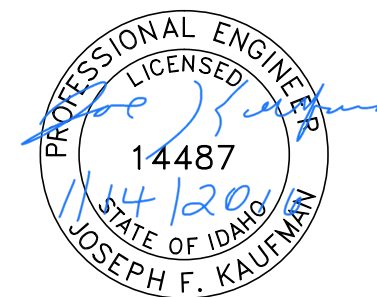
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
- 4.

SPECIAL NOTES

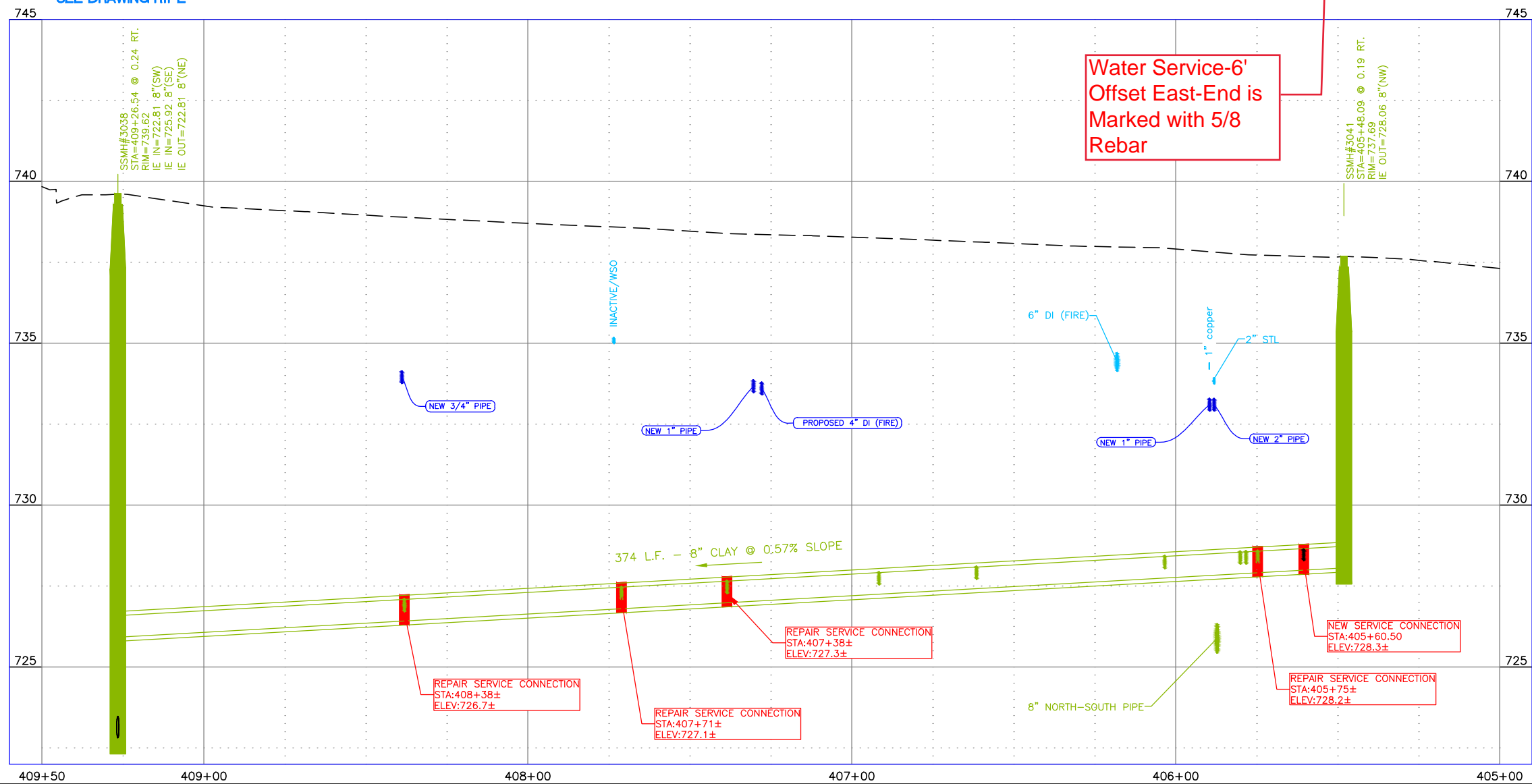
PAY ITEMS

- 40 Replace 4" Dia. Pipe, Item 507.4.1.G.3
- 42 Repair Service Connection, Item 507.4.1.F.1

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS



Water Service-6'
Offset East-End is
Marked with 5/8
Rebar

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

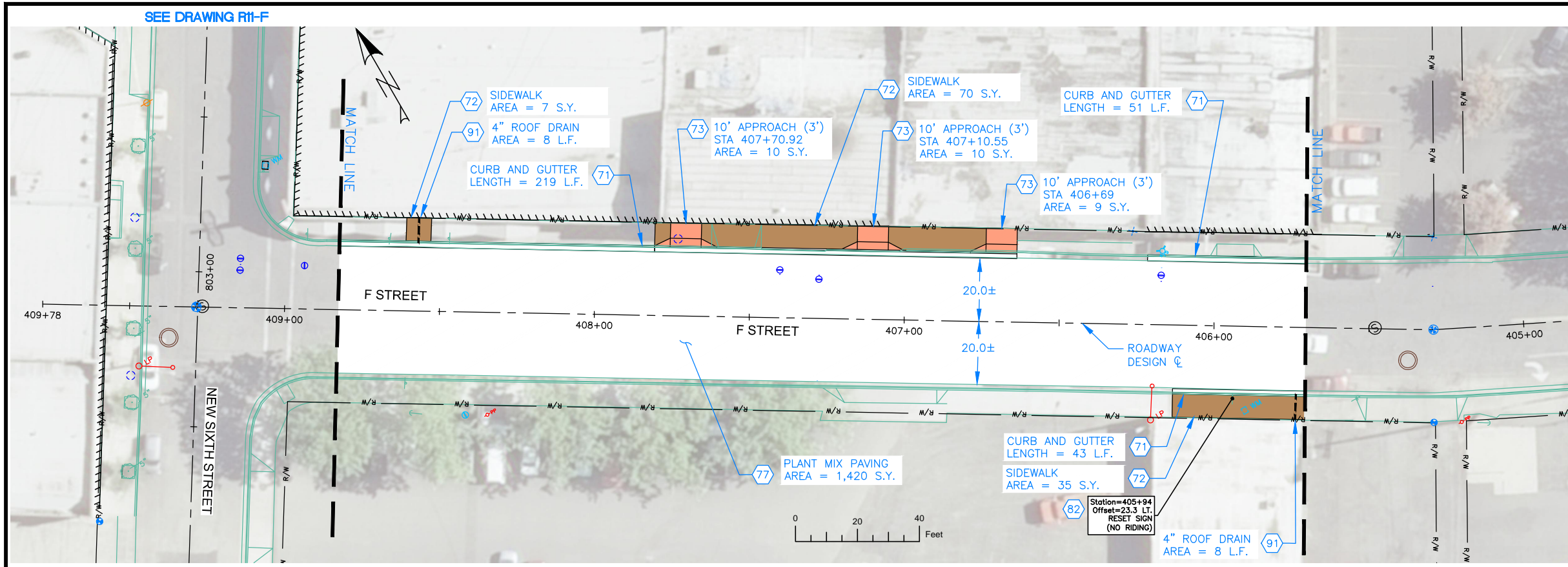
WARNING
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WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
SANITARY SEWER POINT REPAIR PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 27 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R10-E



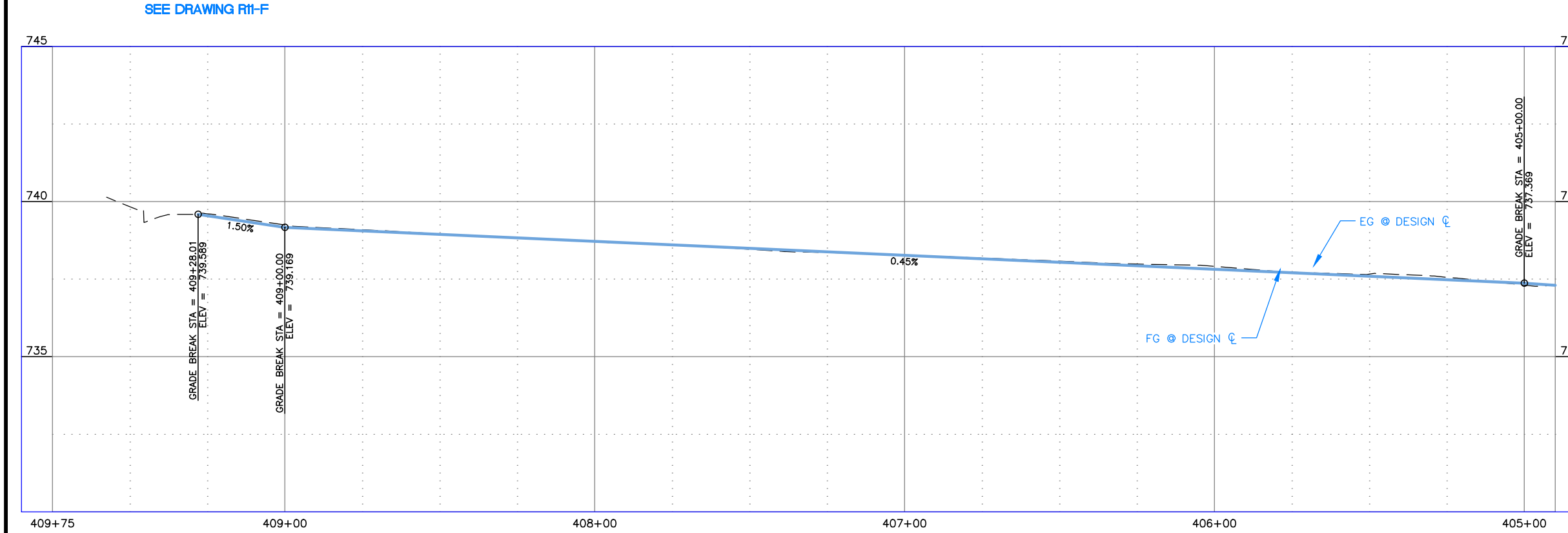
NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

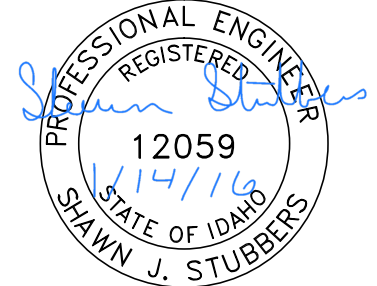
SPECIAL NOTES

PAY ITEMS

- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
- 73 Concrete Driveway Approach, Item 706.4.1.F.1
- 77 Plant Mix Pavement, Item 810.4.1.A.3
- 82 Remove and Reset Sign, Item SP-1105.A
- 91 Sidewalk Roof Drain Item SP-706.A



	MISCELLANEOUS CONCRETE
	PEDESTRIAN RAMP
	NEW APPROACH
	NEW PAVEMENT
	NEW CONCRETE



BID DOCUMENTS

739.8	739.6 739.54	739.2 739.17	739.1 739.06	739.0 738.94	738.8 738.83	738.7 738.72	738.6 738.61	738.5 738.49	738.4 738.38	738.3 738.27	738.2 738.16	738.1 738.04	738.0 737.93	737.9 737.82	737.7 737.71	737.7 737.59	737.6 737.48	737.3 737.37	737.3 737.30
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NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



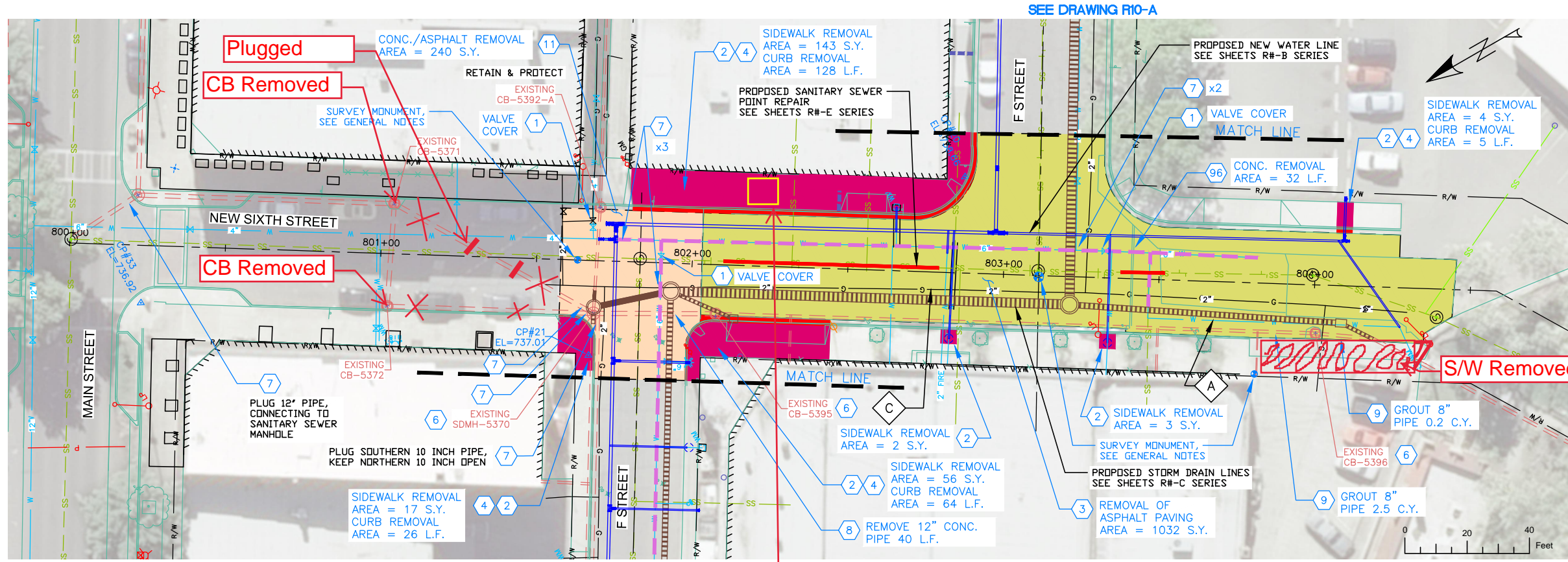
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 28 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R10-F



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

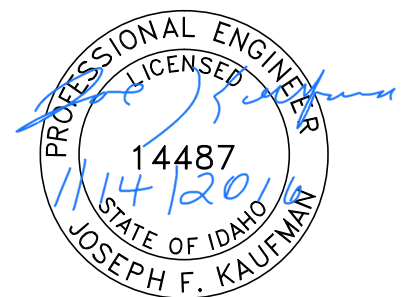
SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- C Relocate Franchise Utility (Avista) by others. Contractor to coordinate timing of work with Avista personnel.

PAY ITEMS

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1
- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A
- 8 Abandon Pipe (Removal), Item SP-201.B
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C
- 11 Removal of Concrete with Asphalt overlay, Item 201.4.1.D.1C
- 96 Removal of Obstruction, L.F., Item 201.4.1.H.1

	PAVEMENT REMOVAL
	CONCRETE REMOVAL
	CONCRETE WITH ASPHALT OVERLAY REMOVAL



BID DOCUMENTS

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 29 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R11-A

SEE DRAWING R12-A

City Removed Gas Tank

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

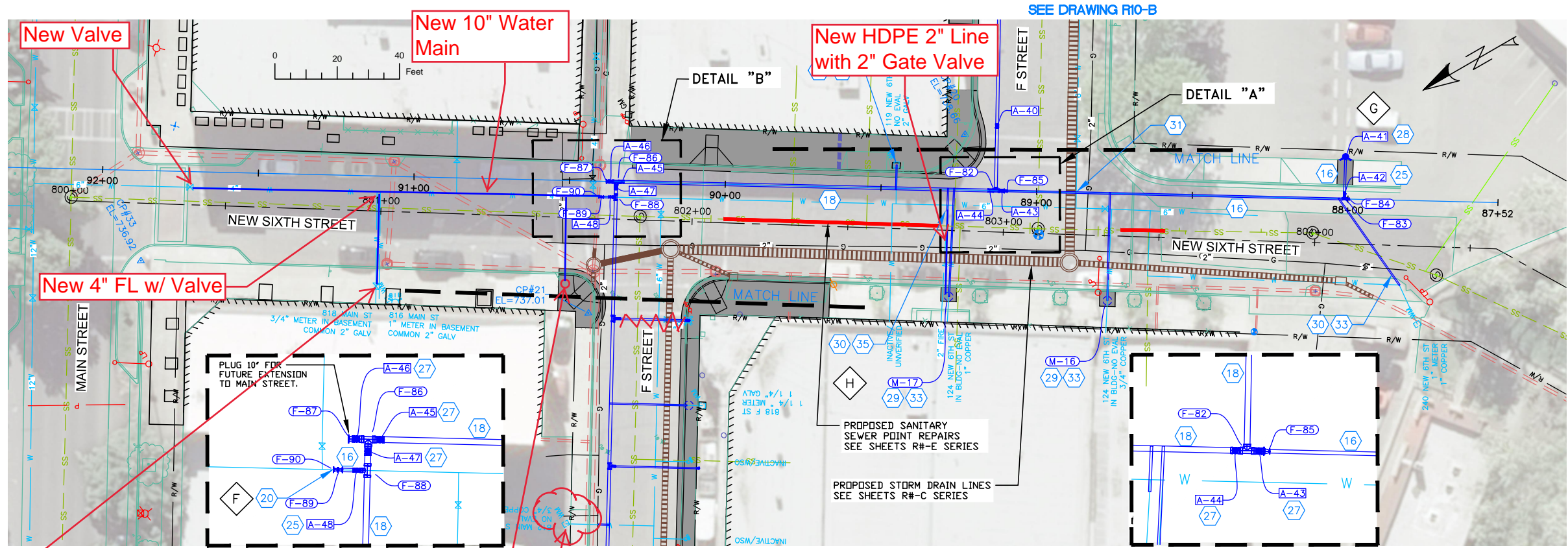
WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

REMOVAL PLAN



(1)-2" Service with
(2)-3/4" Services

Moved Firehydrant
Here

New Service Line

Fitting Table

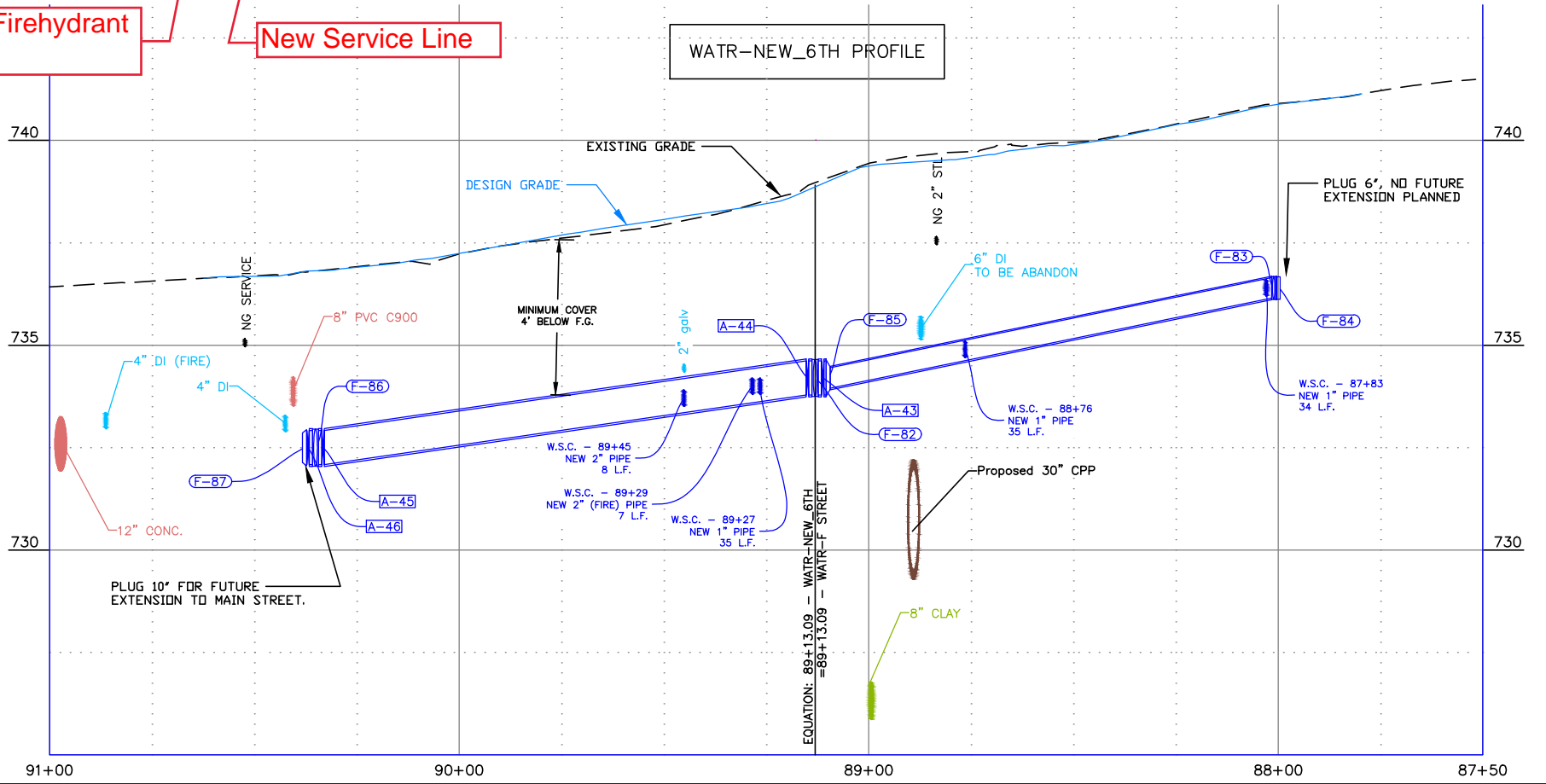
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-82	89+13.09	0.01	10"x10" FL TEE	1735103.17	2303399.25	734.20
F-83	88+01.15	-0.01	6"x6" MJ x FL TEE	1735007.58	2303340.98	736.40
F-84	87+99.96	0.00	6" PLUG	1735006.56	2303340.37	736.40
F-85	89+09.93	0.00	10"x6" MJ REDUCER	1735100.47	2303397.60	734.20
F-86	90+35.07	0.00	10"x10" FL TEE	1735207.33	2303462.72	732.50
F-87	90+37.76	-0.01	10" PLUG	1735209.63	2303464.11	732.50
F-88	90+35.07	-5.00	10"x6" MJ x FL TEE	1735209.94	2303458.45	732.50
F-89	90+39.42	-5.00	6"x4" MJ REDUCER	1735213.65	2303460.71	732.50
F-90	90+40.19	-5.00	4" MJ LONG SLEEVE	1735214.30	2303461.11	732.50

Meter Table

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-16	88+76.46	-34.47	METER BOX	1735089.83	2303350.74	735.20
M-17	89+27.44	-34.34	METER BOX	1735133.29	2303377.38	734.20

Appurtenance Table

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-41	88+01.07	13.56	5' BURY HYDRANT	1735000.46	2303352.53	736.40
A-42	88+01.15	1.66	6" MJ x FL GV	1735006.71	2303342.41	736.40
A-43	89+11.21	0.00	10" MJ x FL GV	1735101.57	2303398.27	734.20
A-44	89+14.98	0.00	10" MJ x FL GV	1735104.79	2303400.23	734.20
A-45	90+33.22	0.00	10" MJ x FL GV	1735205.76	2303461.76	732.50
A-46	90+36.92	0.00	10" MJ x FL GV	1735208.91	2303463.68	732.50
A-47	90+35.07	-1.85	10" MJ x FL GV	1735208.30	2303461.14	732.50
A-48	90+36.78	-5.00	6" MJ x FL GV	1735211.39	2303459.34	732.50



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

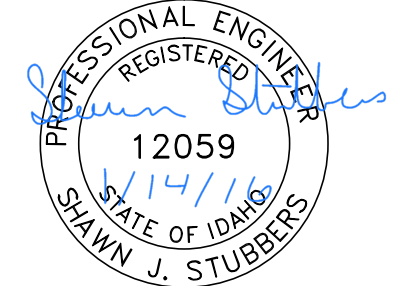
SPECIAL NOTES

- F Connect to existing main as directed by project engineer.
- G Install Hydrant as directed by project engineer.
- H Abandon inactive service lines in place.

PAY ITEMS

- 16 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1B
- 18 Water Main Pipe - 10" DI Type, Item 401.4.1.A.1D
- 19 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1
- 20 Connect to Existing Main - 4", Item 401.4.1.C.1A
- 25 Valve - Size 6", Item 402.4.1.A.1B
- 27 Valve - Size 10", Item 402.4.1.A.1D
- 28 Hydrant, Item 403.4.1.A.1
- 29 Water Service Connection, No Meter (See Meter Table this sheet), Size ____, Item 404.4.1.A.1
- 30 Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
- 31 Potable Water Main Crossing, Item SP-404A
- 33 Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A
- 35 Water Service Pipe 2", Item 404.4.1.C.1C

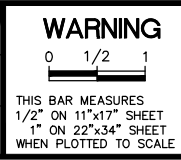
STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

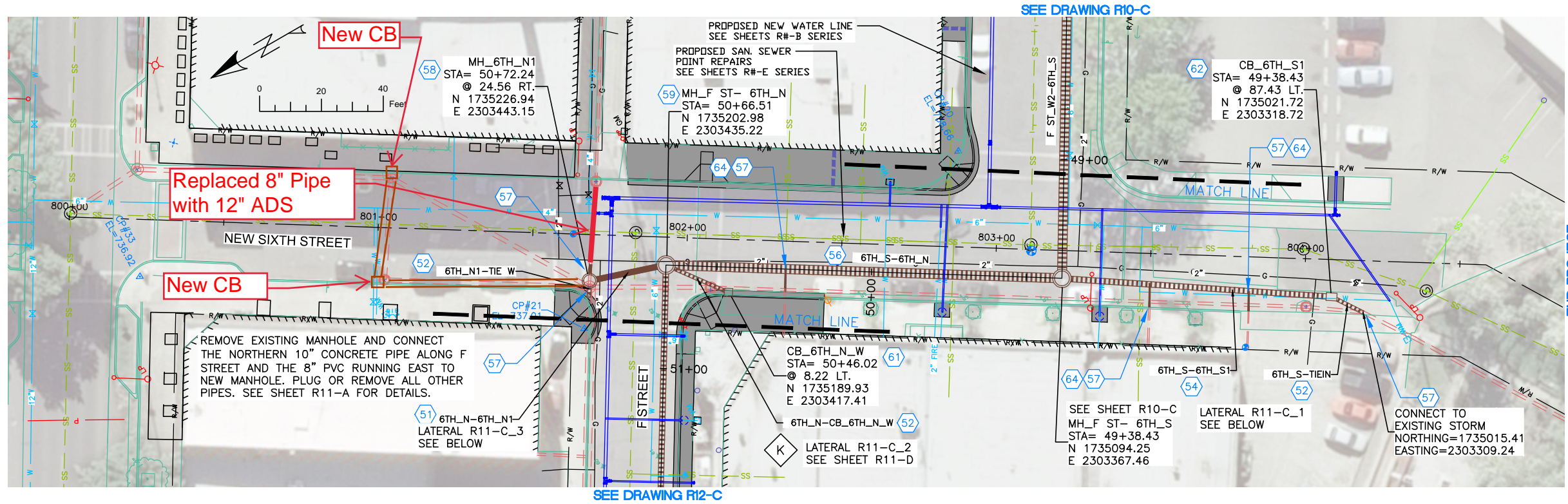


CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)
WATER LINE PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	30 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R11-B



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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.

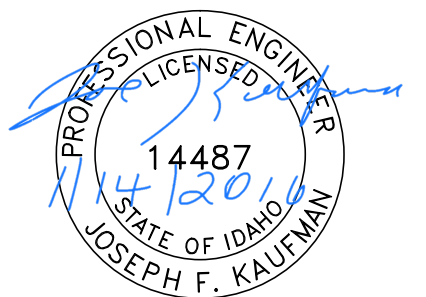
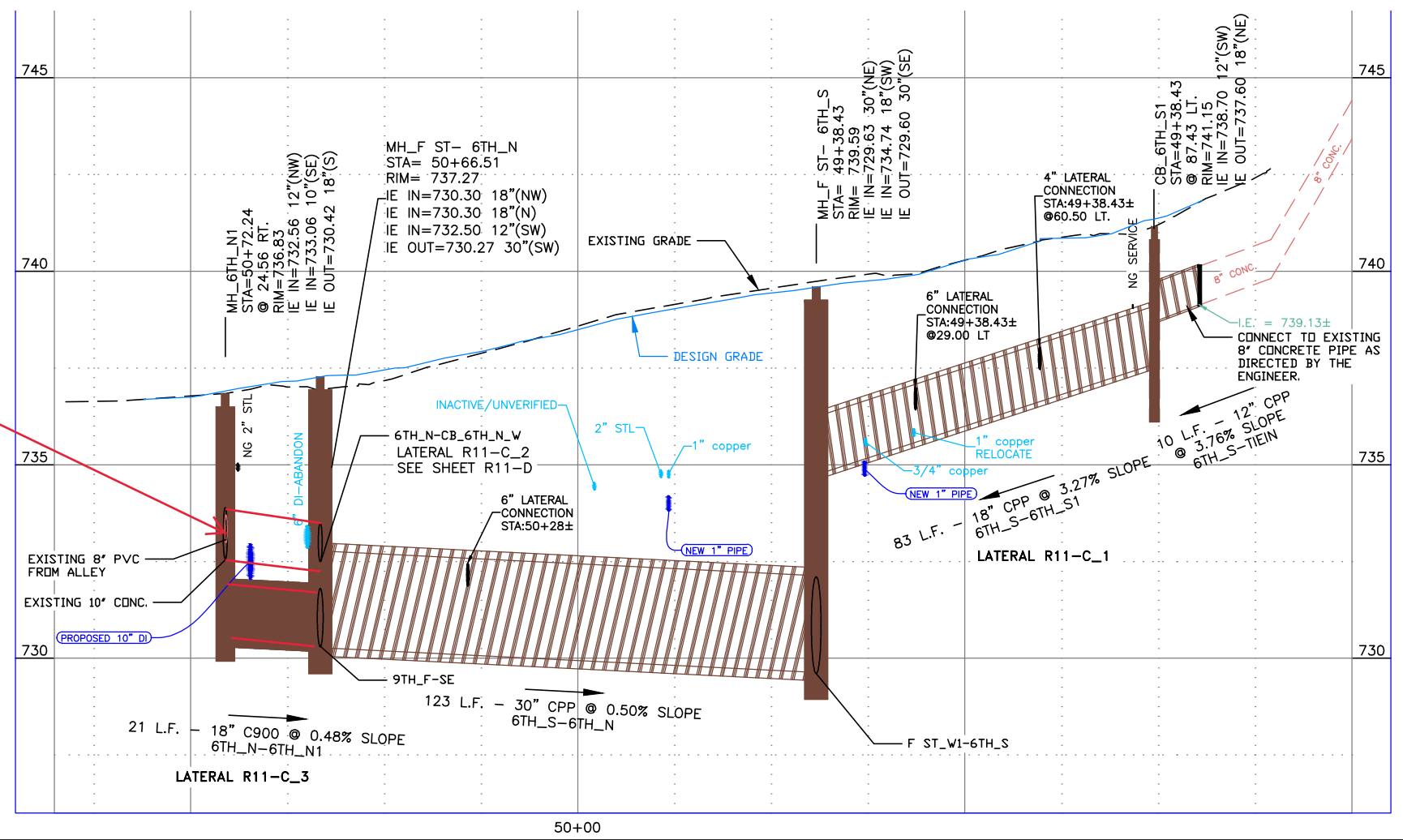
SPECIAL NOTES

- Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.

PAY ITEMS

- 51 18" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5C
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 54 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
- 56 30" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17E
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 59 Storm Drain Manhole, 60" Diameter, Item 602.4.1.A.1B
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 62 Catch Basin - City of Lewiston Std (Type 1a), Item 602.4.1.F.1B
- 64 Inserta Tee - Size __, Item 601.4.1.B.1B

(2)-12" C900 Pipes



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE

HORIZONTAL
1" = 40'

VERTICAL
1" = 4'

WARNING

0 1/2 1

THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

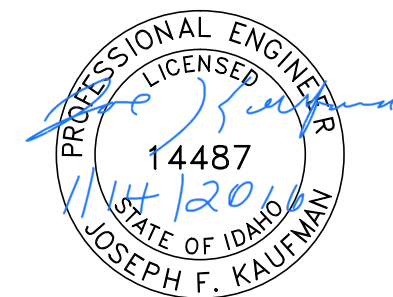
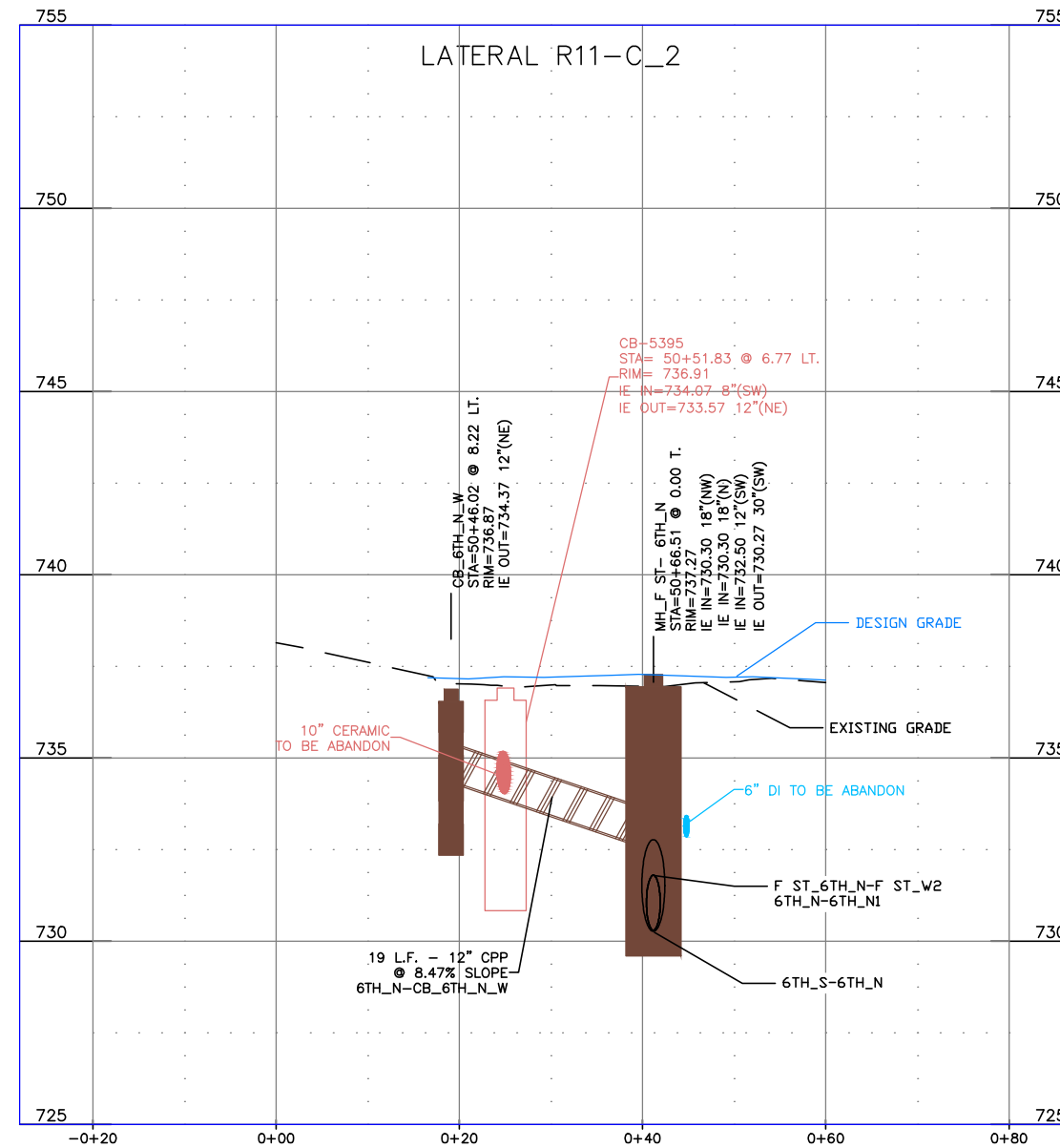
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	31 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R11-C

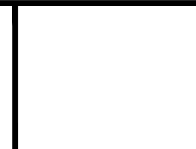


BID DOCUMENTS

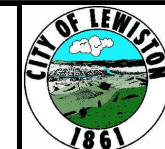
NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



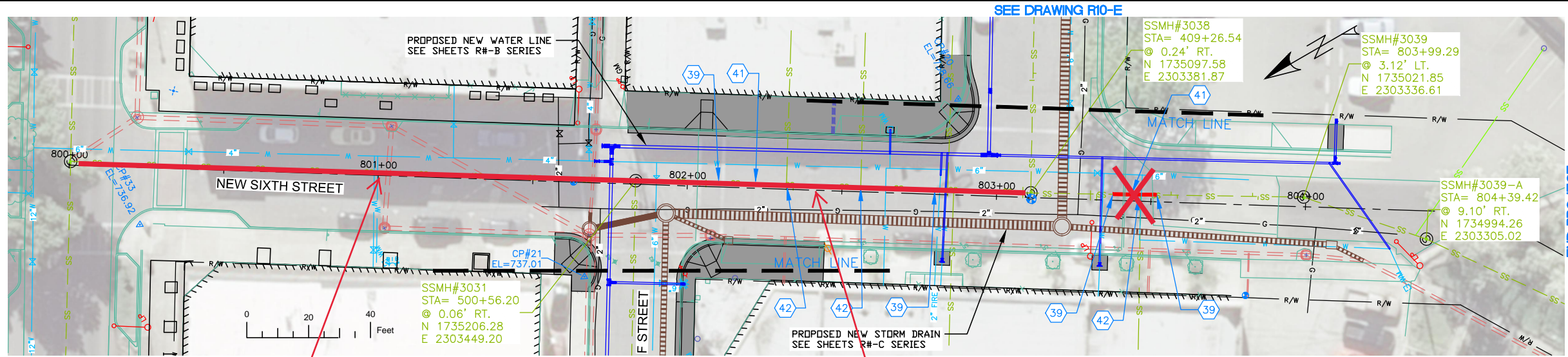
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

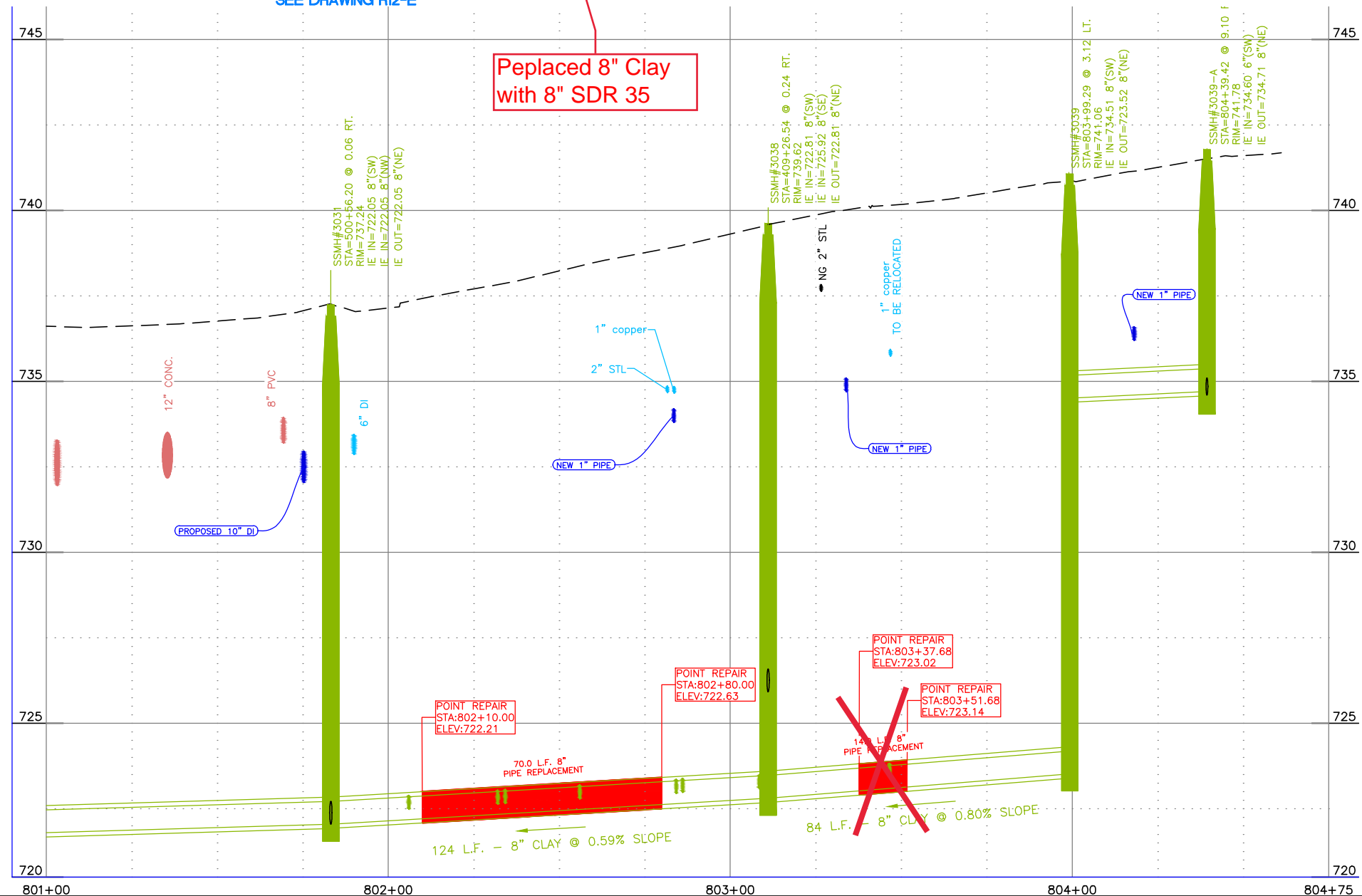
STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 32 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R11-D



Replaced 8" Clay with 8" SDR 35 & HDPE

Replaced 8" Clay with 8" SDR 35



NOTES

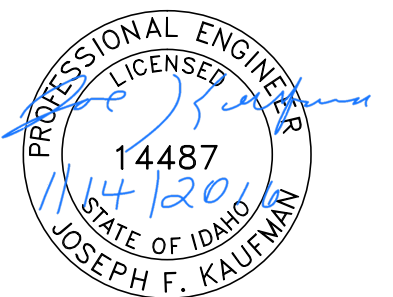
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
- 4.

SPECIAL NOTES

PAY ITEMS

- 39 Install 8" Full Circle Repair Clamp, Item 507.4.1.D.3
- 40 Replace 4" Dia. Pipe, Item 507.4.1.G.3
- 41 Replace 8" Dia. Pipe, Item 507.4.1.E.1
- 42 Repair Service Connection, Item 507.4.1.F.1

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

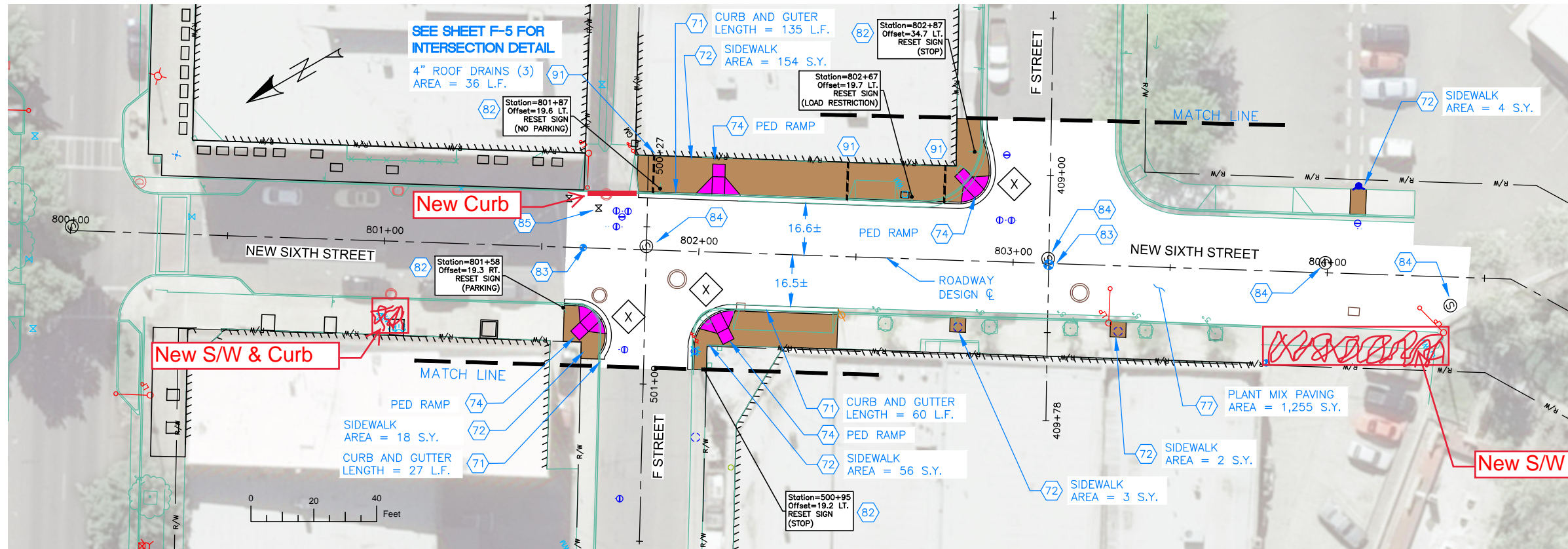
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
SANITARY SEWER POINT REPAIR PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 33 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R11-E

SEE DRAWING R10-F



SEE DRAWING R12-F

NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

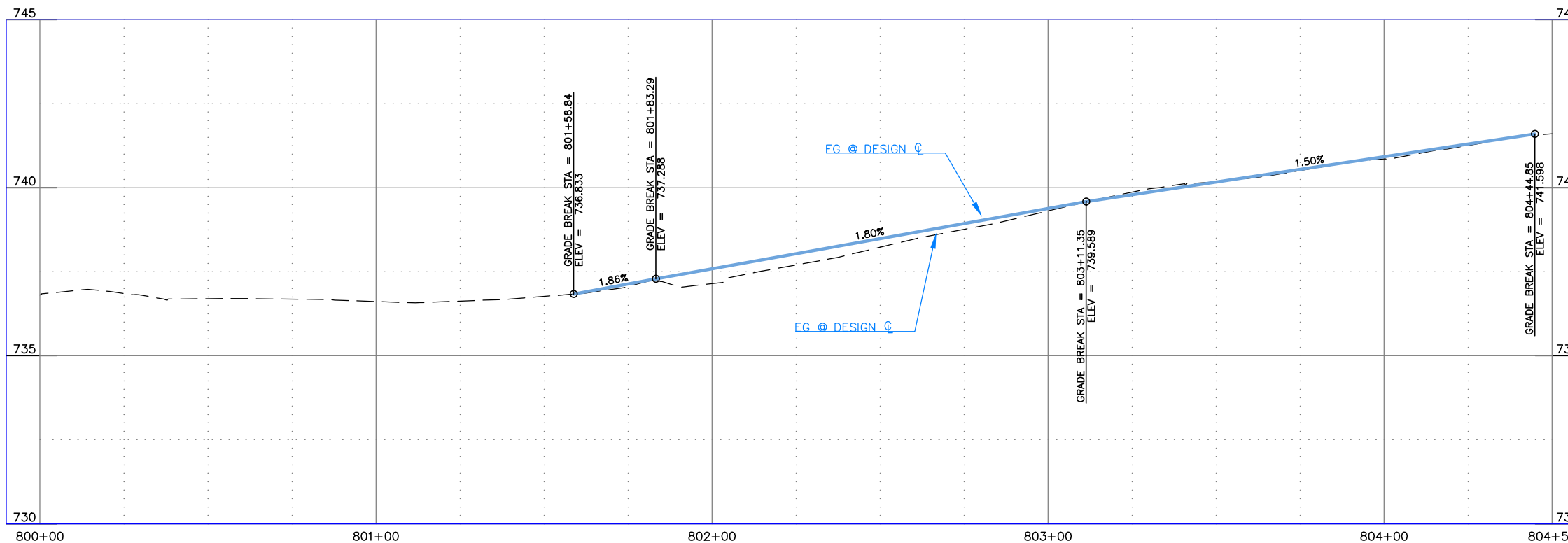
SPECIAL NOTES

- X New Curb Returns are to be Mountable Curb as directed by the Engineer (See ISPWC SD-703), Incidental to Item 706.4.1.A.5

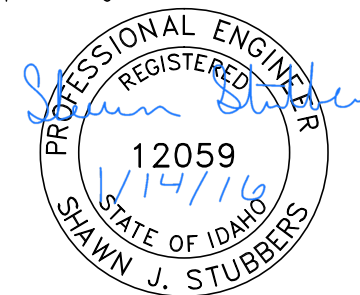
PAY ITEMS

- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
- 74 Pedestrian Ramp with Detectable Warning Domes, Item 706.4.1.H.1
- 77 Plant Mix Pavement, Item 810.4.1.A.3
- 82 Remove and Reset Sign, Item SP-1105.A
- 83 Reference and Reset Monument, Item 2020.4.1.F.1
- 84 Manhole, Adjust to Grade, Item 2030.4.1.A.1
- 85 Valve Box, Adjust to Grade, Item 2030.4.1.C.1
- 91 Sidewalk Roof Drain Item SP-706.A

END PROJECT



	MISCELLANEOUS CONCRETE
	PEDESTRIAN RAMP
	NEW APPROACH
	NEW PAVEMENT
	NEW CONCRETE



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

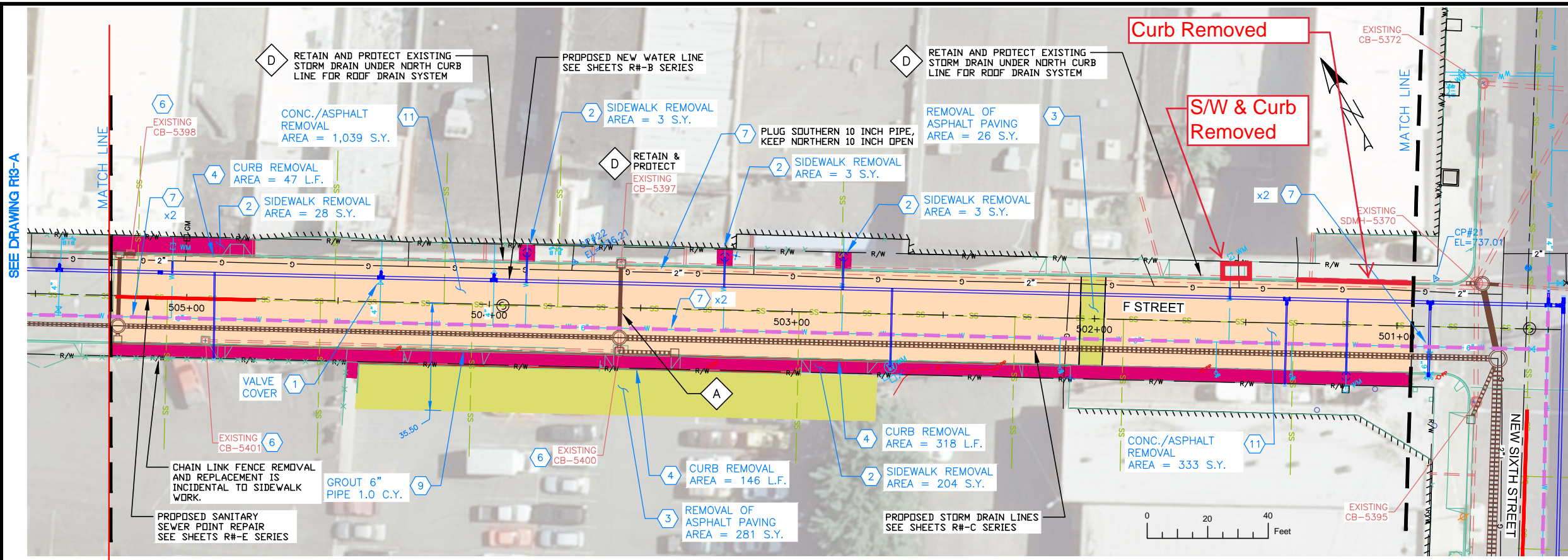
WARNING
THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 34 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R11-F



NOTES

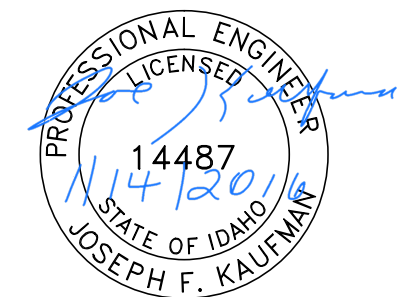
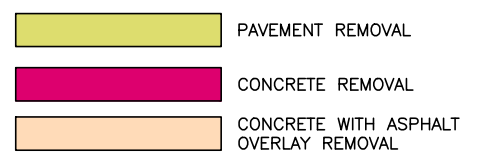
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- D Retain and protect the existing Storm Drain under the north curb line of F Street for a permanent roof drain system.

PAY ITEMS

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1
- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C
- 11 Removal of Concrete with Asphalt overlay, Item 201.4.1.D.1C

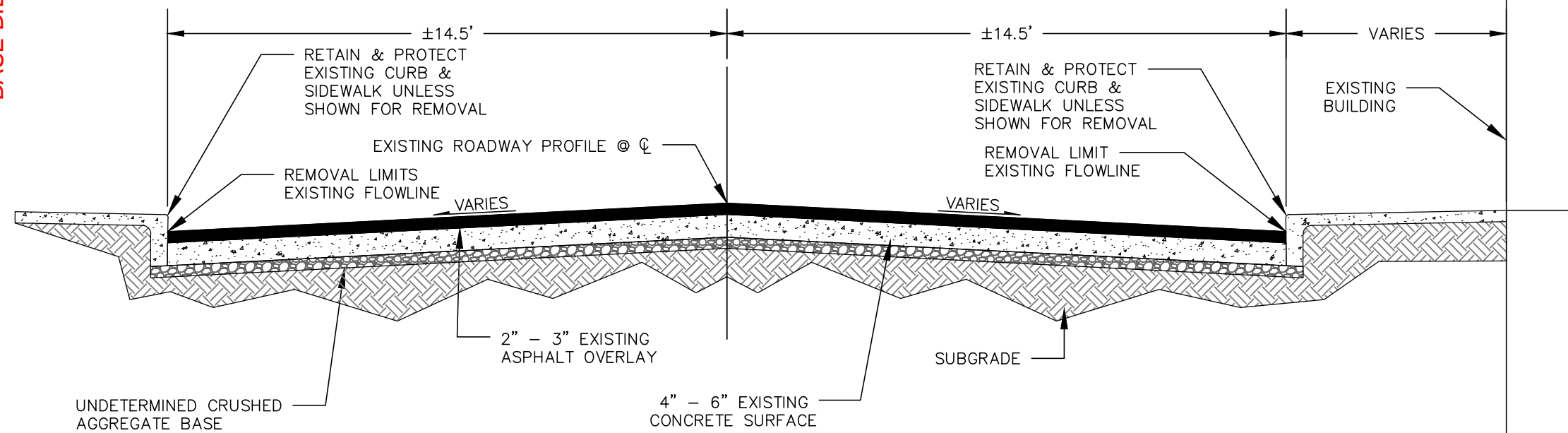


BID DOCUMENTS

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 35 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R12-A

ADD ALTERNATE #2

BASE BID



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

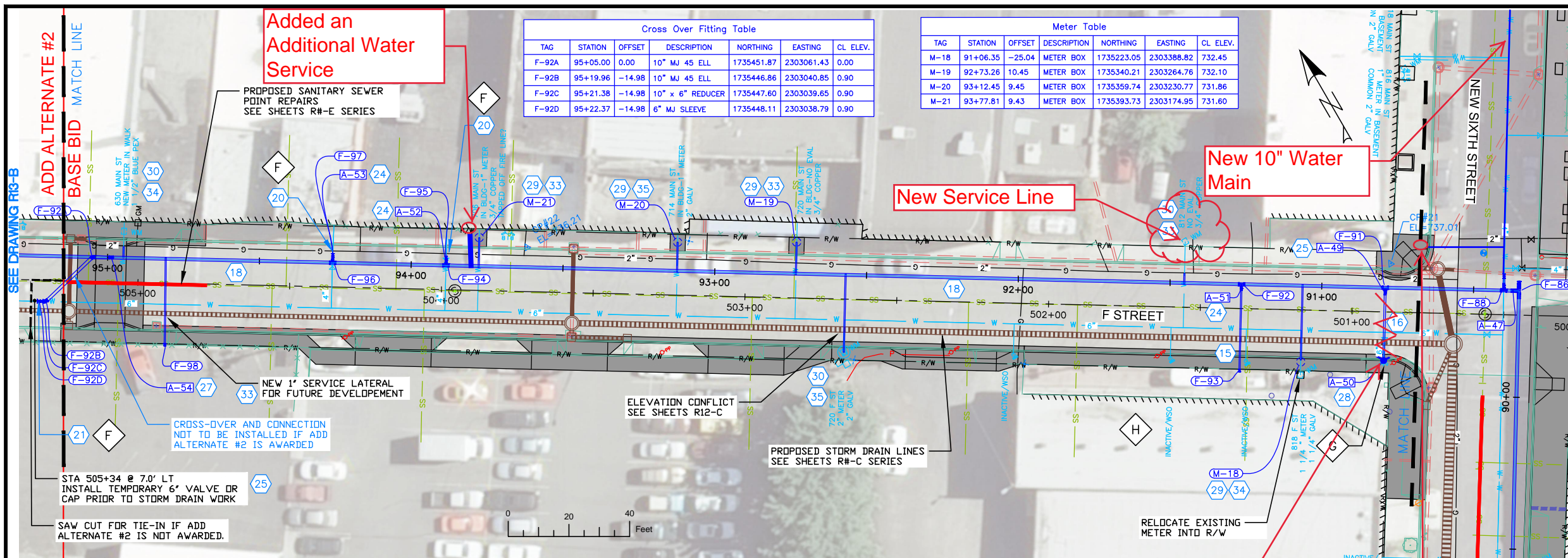
SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN



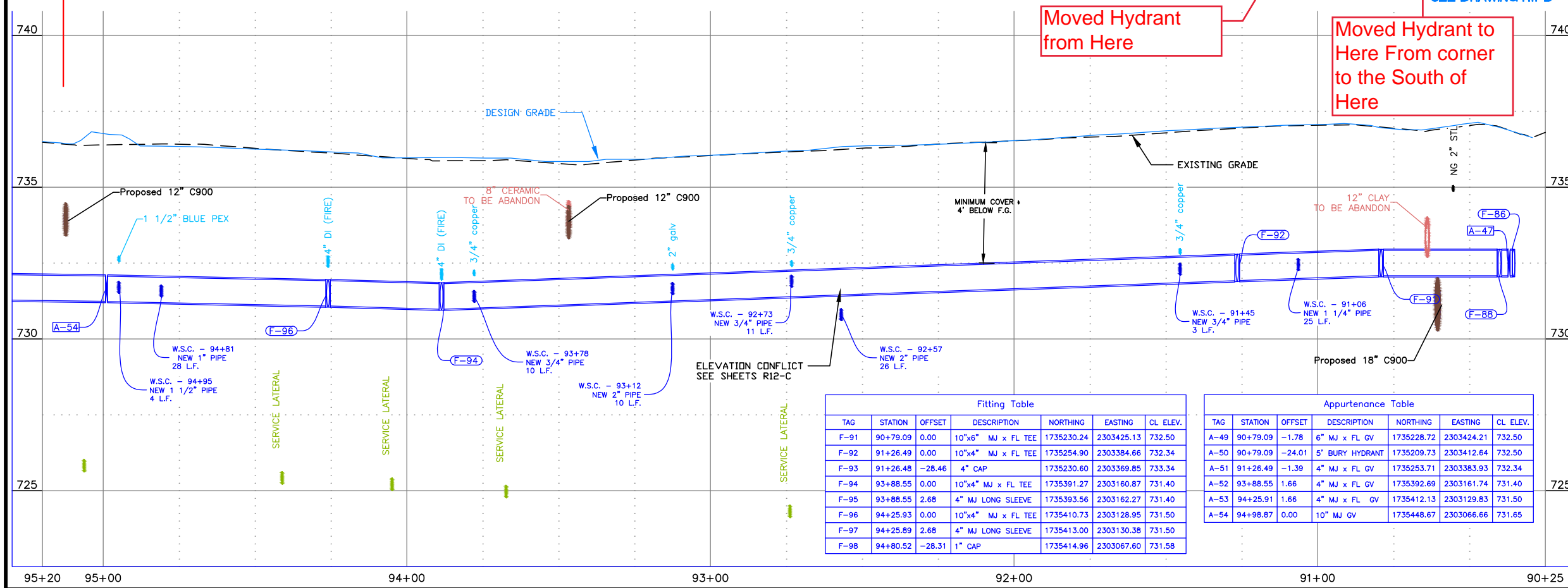
Cross Over Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-92A	95+05.00	0.00	10" MJ 45 ELL	1735451.87	2303061.43	0.00
F-92B	95+19.96	-14.98	10" MJ 45 ELL	1735446.86	2303040.85	0.90
F-92C	95+21.38	-14.98	10" x 6" REDUCER	1735447.60	2303039.65	0.90
F-92D	95+22.37	-14.98	6" MJ SLEEVE	1735448.11	2303038.79	0.90

Meter Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-18	91+06.35	-25.04	METER BOX	1735223.05	2303388.82	732.45
M-19	92+73.26	10.45	METER BOX	1735340.21	2303264.76	732.10
M-20	93+12.45	9.45	METER BOX	1735359.74	2303230.77	731.86
M-21	93+77.81	9.43	METER BOX	1735393.73	2303174.95	731.60

- NOTES**
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
 2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
 3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

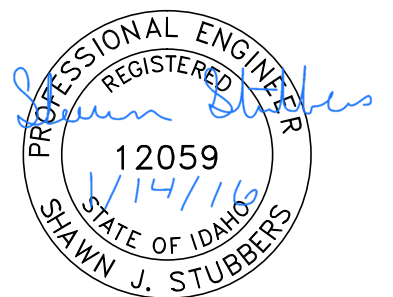
- SPECIAL NOTES**
- F Connect to existing main as directed by project engineer.
 - G Install Hydrant as directed by project engineer.
 - H Abandon inactive service lines in place.

- PAY ITEMS**
- 15 Water Main Pipe - 4" DI Type, Item 401.4.1.A.1A
 - 16 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1B
 - 18 Water Main Pipe - 10" DI Type, Item 401.4.1.A.1D
 - 19 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1
 - 20 Connect to Existing Main - 4", Item 401.4.1.C.1A
 - 21 Connect to Existing Main - 6", Item 401.4.1.C.1B
 - 24 Valve - Size 4", Item 402.4.1.A.1A
 - 25 Valve - Size 6", Item 402.4.1.A.1B
 - 27 Valve - Size 10", Item 402.4.1.A.1D
 - 28 Hydrant, Item 403.4.1.A.1
 - 29 Water Service Connection, No Meter (See Meter Table this sheet), Size ____, Item 404.4.1.A.1
 - 30 Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
 - 33 Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A
 - 34 Water Service Pipe 1 1/4" or 1 1/2", Item 404.4.1.C.1B
 - 35 Water Service Pipe 2", Item 404.4.1.C.1C



Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-91	90+79.09	0.00	10"x6" MJ x FL TEE	1735230.24	2303425.13	732.50
F-92	91+26.49	0.00	10"x4" MJ x FL TEE	1735254.90	2303384.66	732.34
F-93	91+26.48	-28.46	4" CAP	1735230.60	2303369.85	733.34
F-94	93+88.55	0.00	10"x4" MJ x FL TEE	1735391.27	2303180.87	731.40
F-95	93+88.55	2.68	4" MJ LONG SLEEVE	1735393.56	2303162.27	731.40
F-96	94+25.93	0.00	10"x4" MJ x FL TEE	1735410.73	2303128.95	731.50
F-97	94+25.89	2.68	4" MJ LONG SLEEVE	1735413.00	2303130.38	731.50
F-98	94+80.52	-28.31	1" CAP	1735414.96	2303067.60	731.58

Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-49	90+79.09	-1.78	6" MJ x FL GV	1735228.72	2303424.21	732.50
A-50	90+79.09	-24.01	5" BURY HYDRANT	1735209.73	2303412.64	732.50
A-51	91+26.49	-1.39	4" MJ x FL GV	1735253.71	2303383.93	732.34
A-52	93+88.55	1.66	4" MJ x FL GV	1735392.69	2303161.74	731.40
A-53	94+25.91	1.66	4" MJ x FL GV	1735412.13	2303129.83	731.50
A-54	94+98.87	0.00	10" MJ GV	1735448.67	2303066.66	731.65



REVISIONS				
NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
WATER LINE PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	36 of 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R12-B

BID DOCUMENTS

NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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.

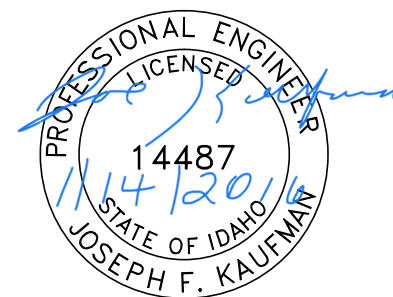
SPECIAL NOTES

- K** Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.
- M** Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

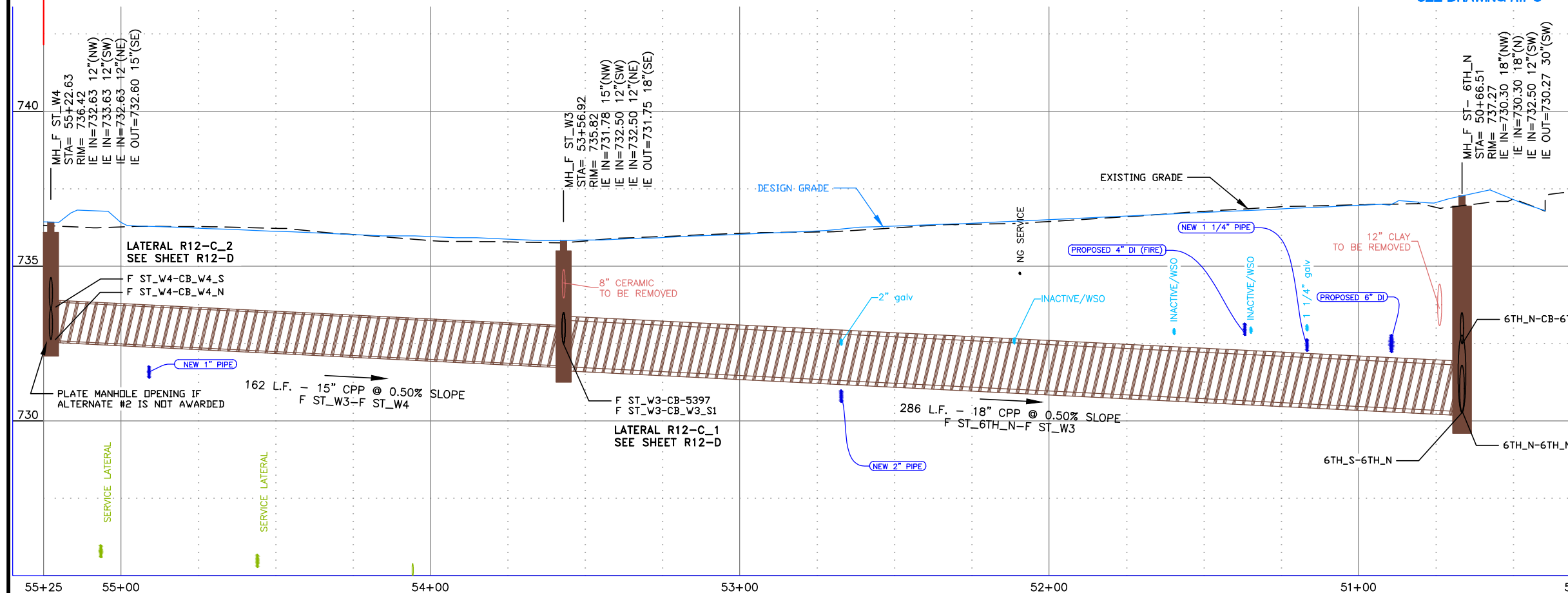
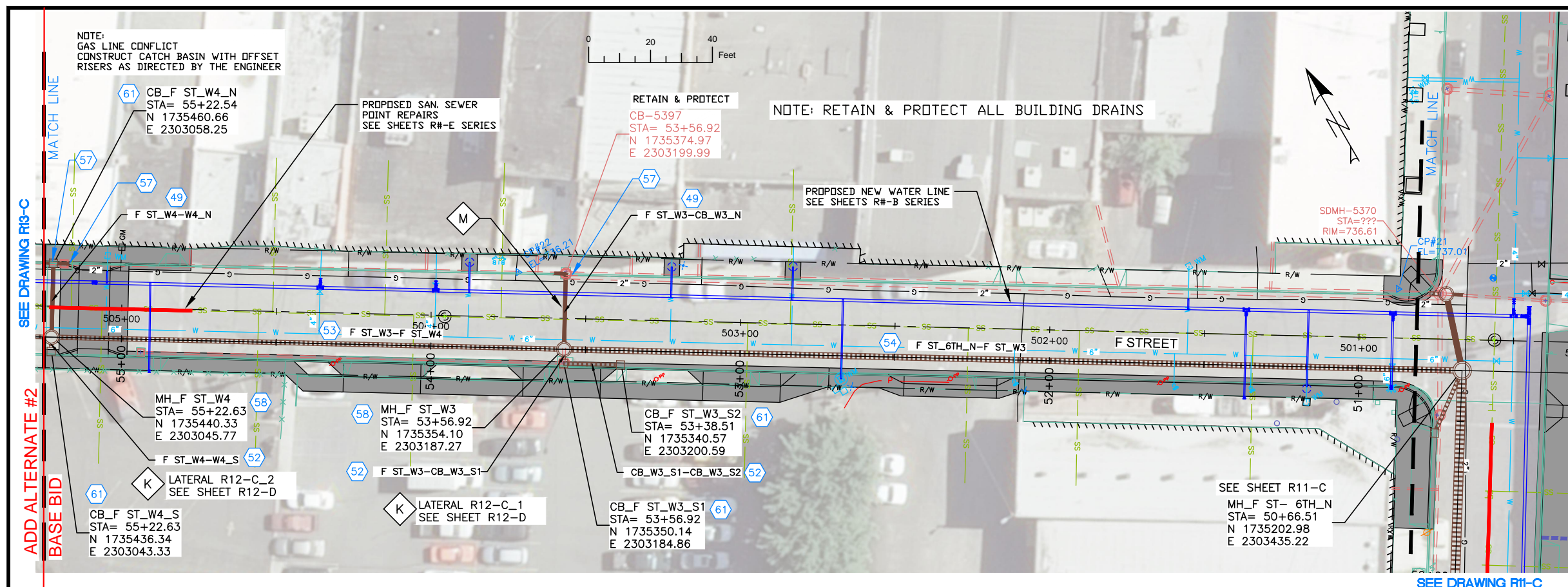
- 49 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 53 15" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17B
- 54 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 37 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R12-C



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

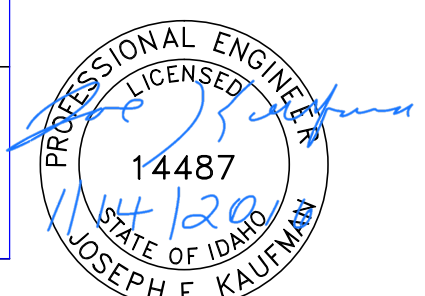
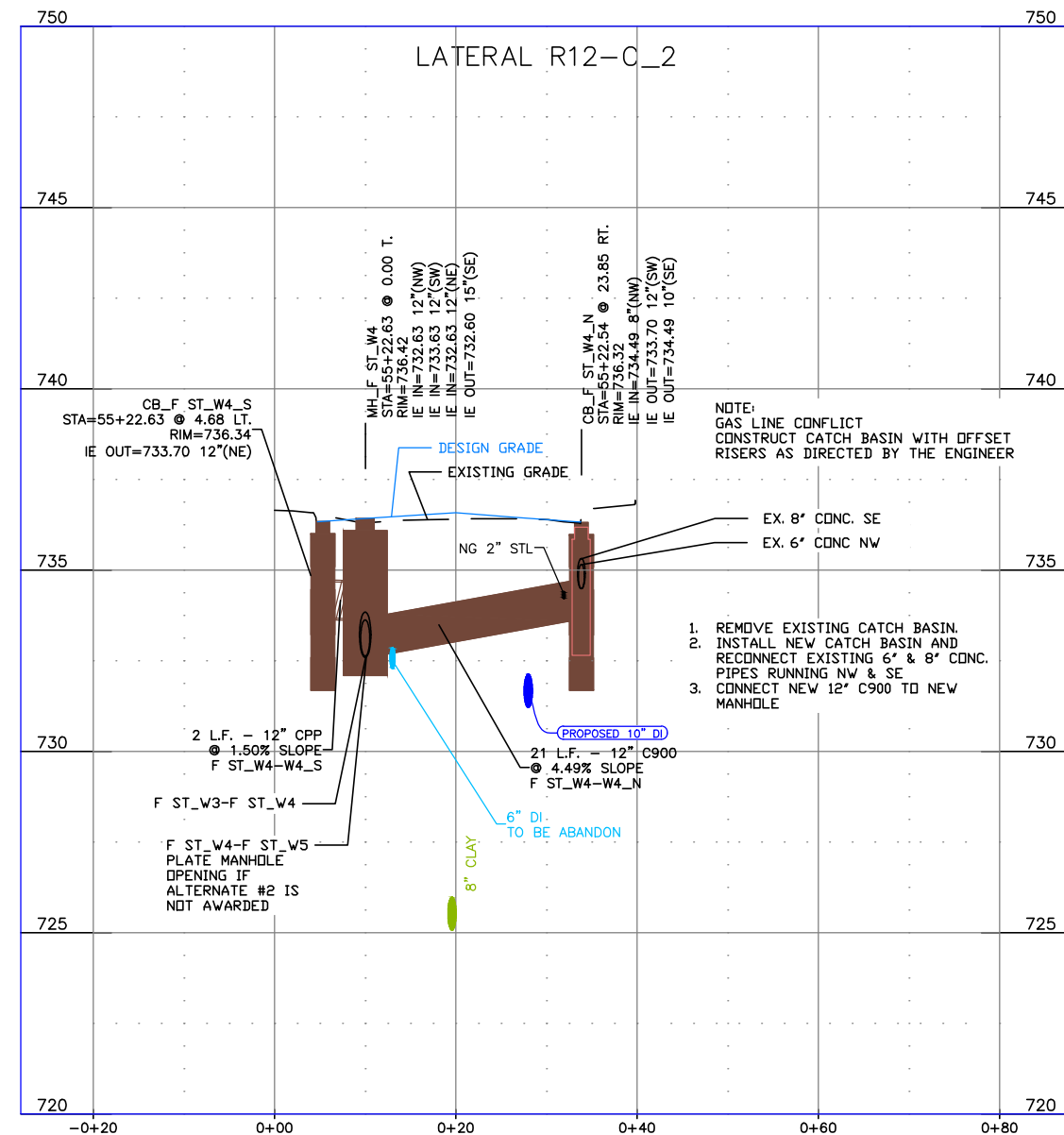
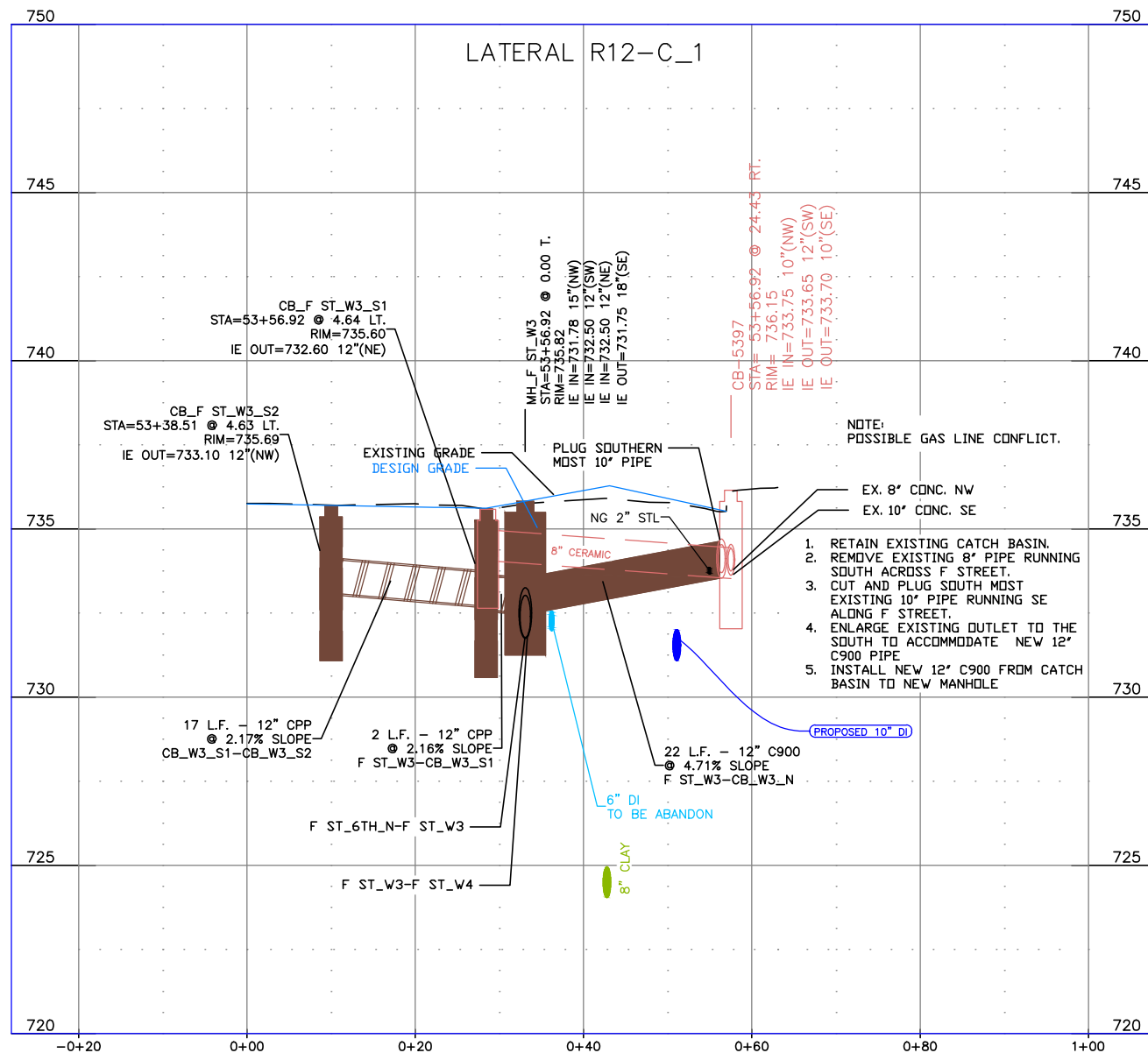
WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN PLAN & PROFILE



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL AS SHOWN
 VERTICAL AS SHOWN

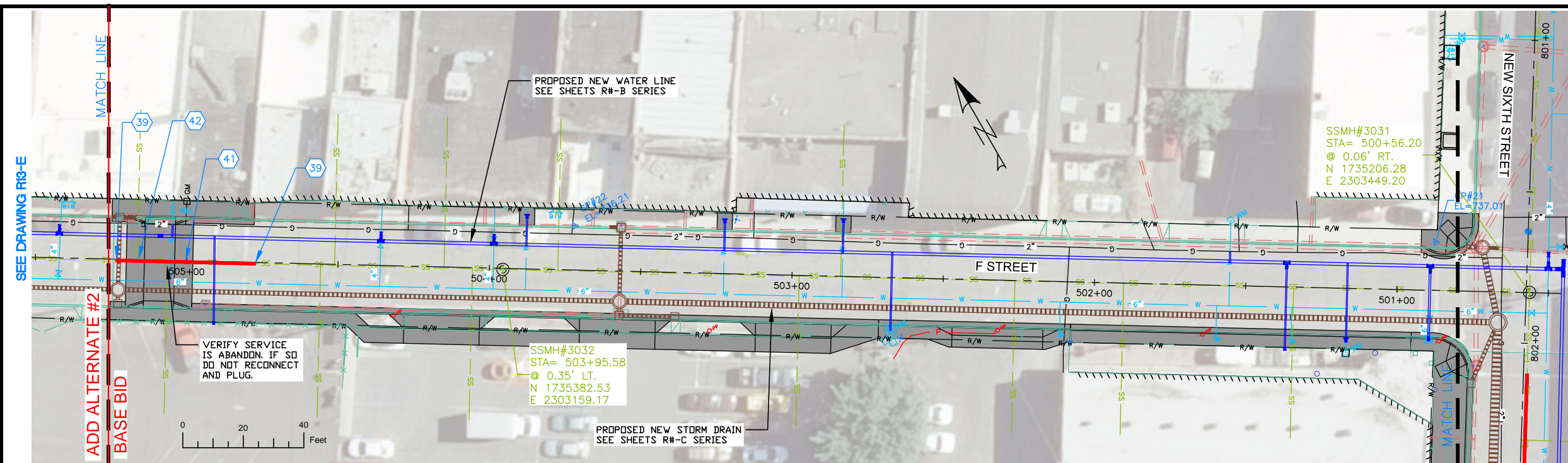
WARNING
 0 1/2 1
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CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON, ID 83501
 208-746-1316
 FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STORM DRAIN LATERAL PROFILES

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	38 of 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R12-D



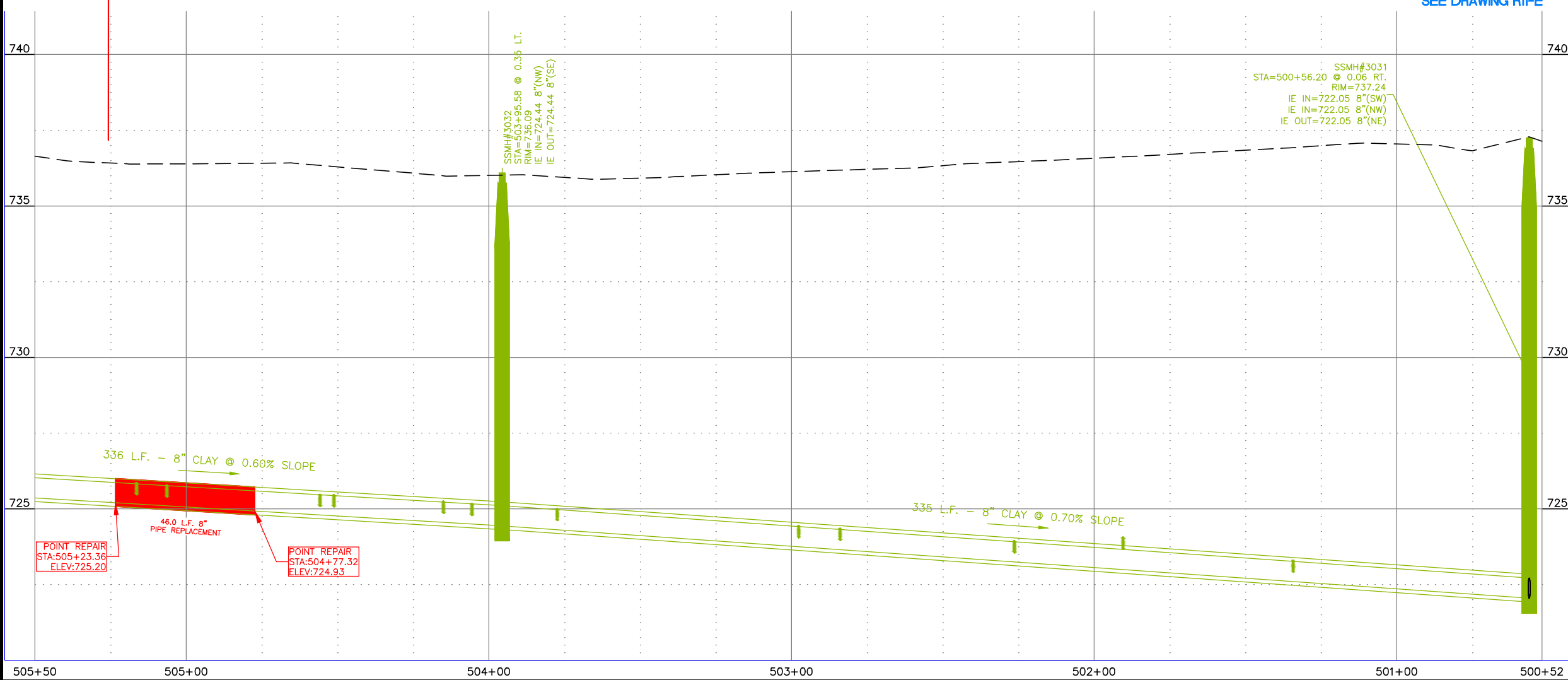
NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
- 4.

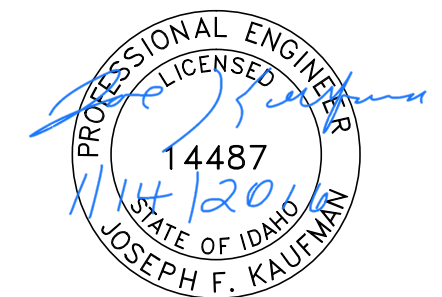
SPECIAL NOTES

PAY ITEMS

- 39 Install 8" Full Circle Repair Clamp, Item 507.4.1.D.3
- 41 Replace 8" Dia. Pipe, Item 507.4.1.E.1
- 42 Repair Service Connection, Item 507.4.1.F.1



STREET IMPROVEMENTS,
SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
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VERTICAL
1" = 4'

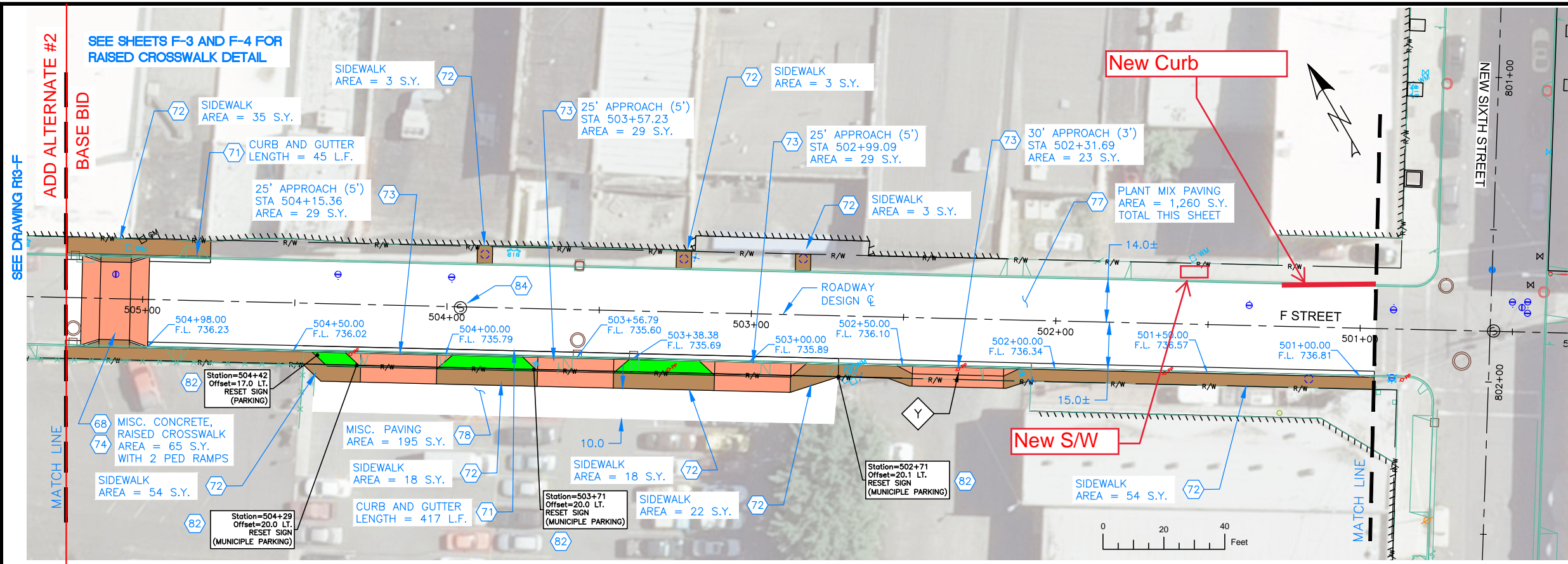
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WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
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FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
SANITARY SEWER POINT REPAIR PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 39 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R12-E



NOTES

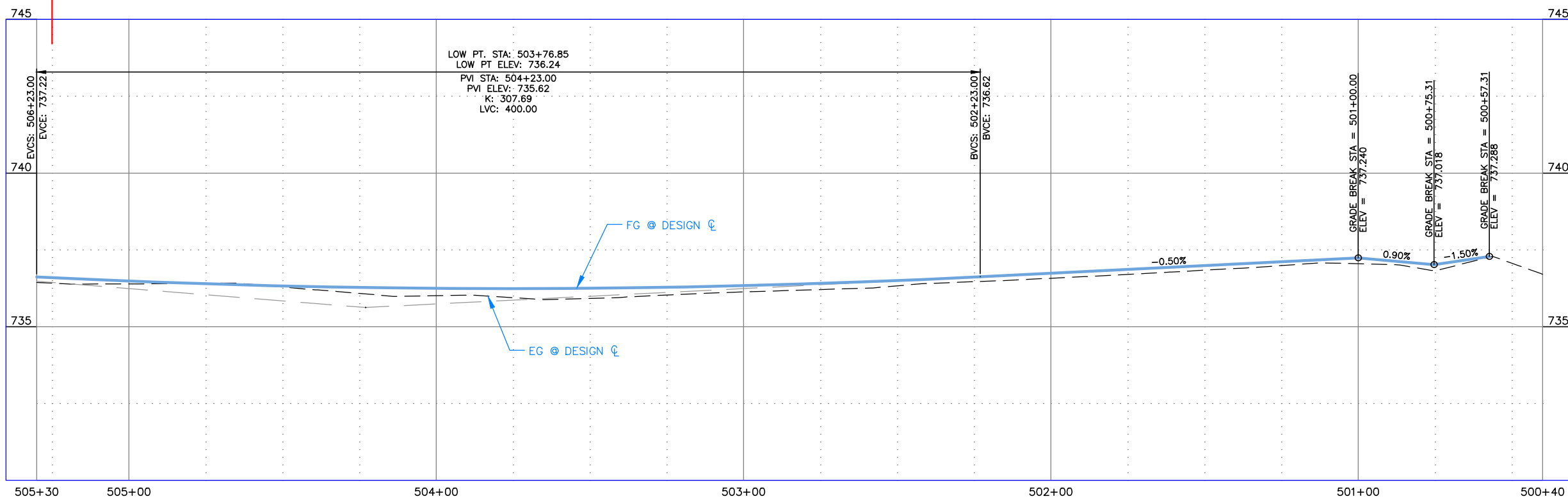
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

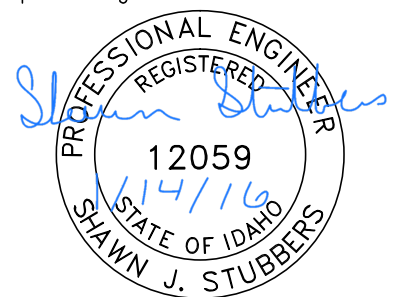
- Power pole to be relocated by others.

PAY ITEMS

- 68 Miscellaneous Concrete Paving, Item SP-707.1A
- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
- 73 Concrete Driveway Approach, Item 706.4.1.F.1
- 74 Pedestrian Ramp with Detectable Warning Domes, Item 706.4.1.H.1
- 77 Plant Mix Pavement, Item 810.4.1.A.3
- 78 Miscellaneous Paving, Item 810.4.4.A.5
- 82 Remove and Reset Sign, Item SP-1105.A
- 84 Manhole, Adjust to Grade, Item 2030.4.1.A.1



	MISCELLANEOUS CONCRETE
	PEDESTRIAN RAMP
	NEW APPROACH
	NEW PAVEMENT
	NEW CONCRETE



BID DOCUMENTS

736.4 736.60	736.4 736.49	736.4 736.40	736.3 736.33	736.1 736.28	736.0 736.25	735.9 736.24	735.9 736.25	736.0 736.28	736.1 736.34	736.2 736.41	736.3 736.50	736.5 736.61	736.6 736.74	736.7 736.86	736.8 736.99	737.0 737.11	737.0 737.24	736.8 737.02	737.1
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REVISIONS				

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WARNING
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WHEN PLOTTED TO SCALE

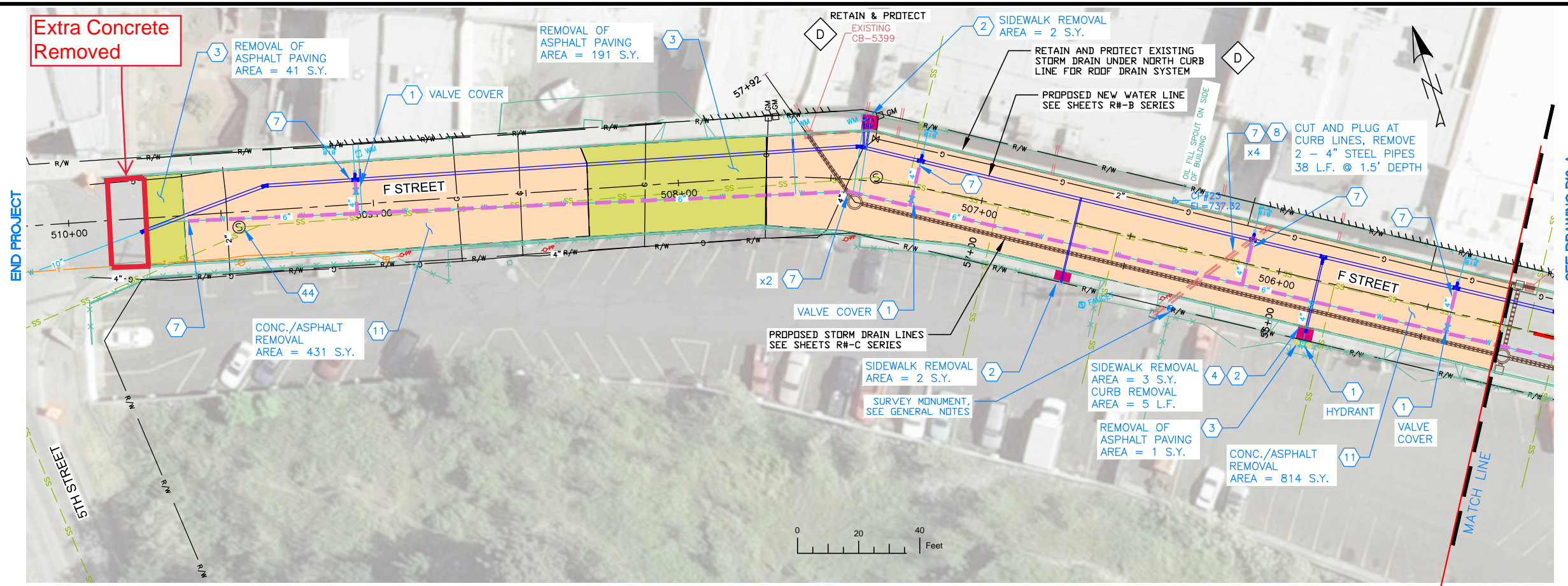
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 40 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R12-F



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

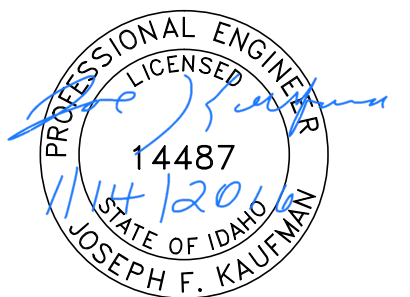
- ⓓ Retain and protect the existing Storm Drain under the north curb line of F Street for a permanent roof drain system.

ADD ALTERNATE #2

PAY ITEMS

- Ⓛ Removal of Obstruction, Ea., Item 201.4.1.C.1
- Ⓜ Removal of Sidewalk, Item 201.4.1.D.1A
- Ⓝ Removal of Bituminous Surface, Item 201.4.1.D.1B
- Ⓨ Removal of Curb, Item 201.4.1.E.1
- Ⓡ Abandon Pipe In Place, (Plug End), Item SP-201.A
- Ⓢ Abandon Pipe (Removal), Item SP-201.B
- Ⓜ Removal of Concrete with Asphalt overlay, Item 201.4.1.D.1C
- Ⓦ Remove Flush Tank, Item 507.4.1.H.3

- PAVEMENT REMOVAL
- CONCRETE REMOVAL
- CONCRETE WITH ASPHALT OVERLAY REMOVAL



BID DOCUMENTS

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 41 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R13-A

ADD ALTERNATE #2

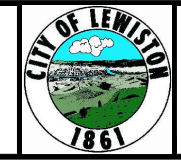
BASE BID

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

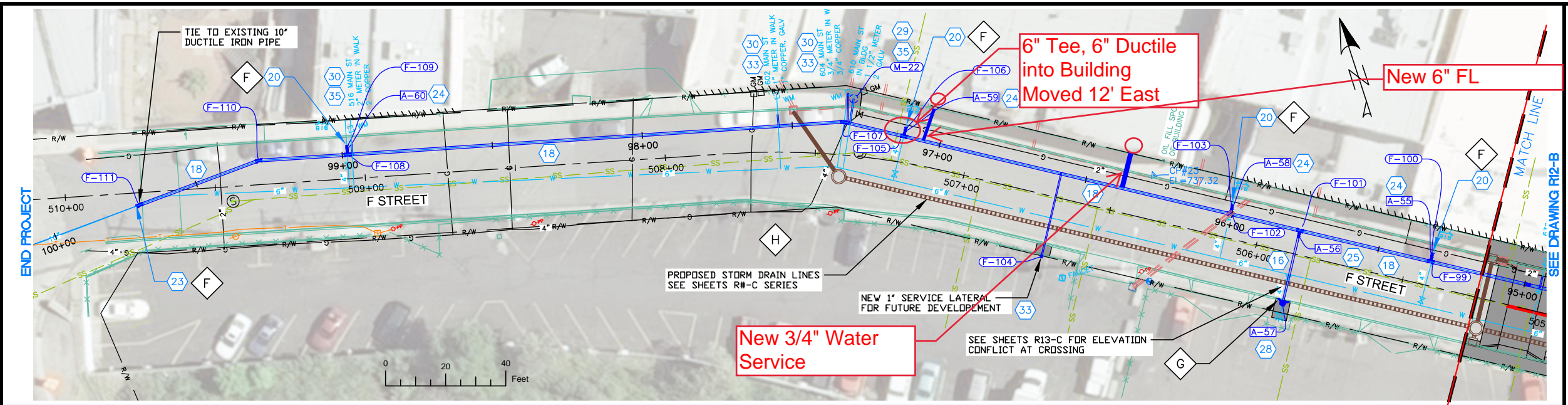
SCALE
HORIZONTAL
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VERTICAL
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CITY OF LEWISTON
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215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

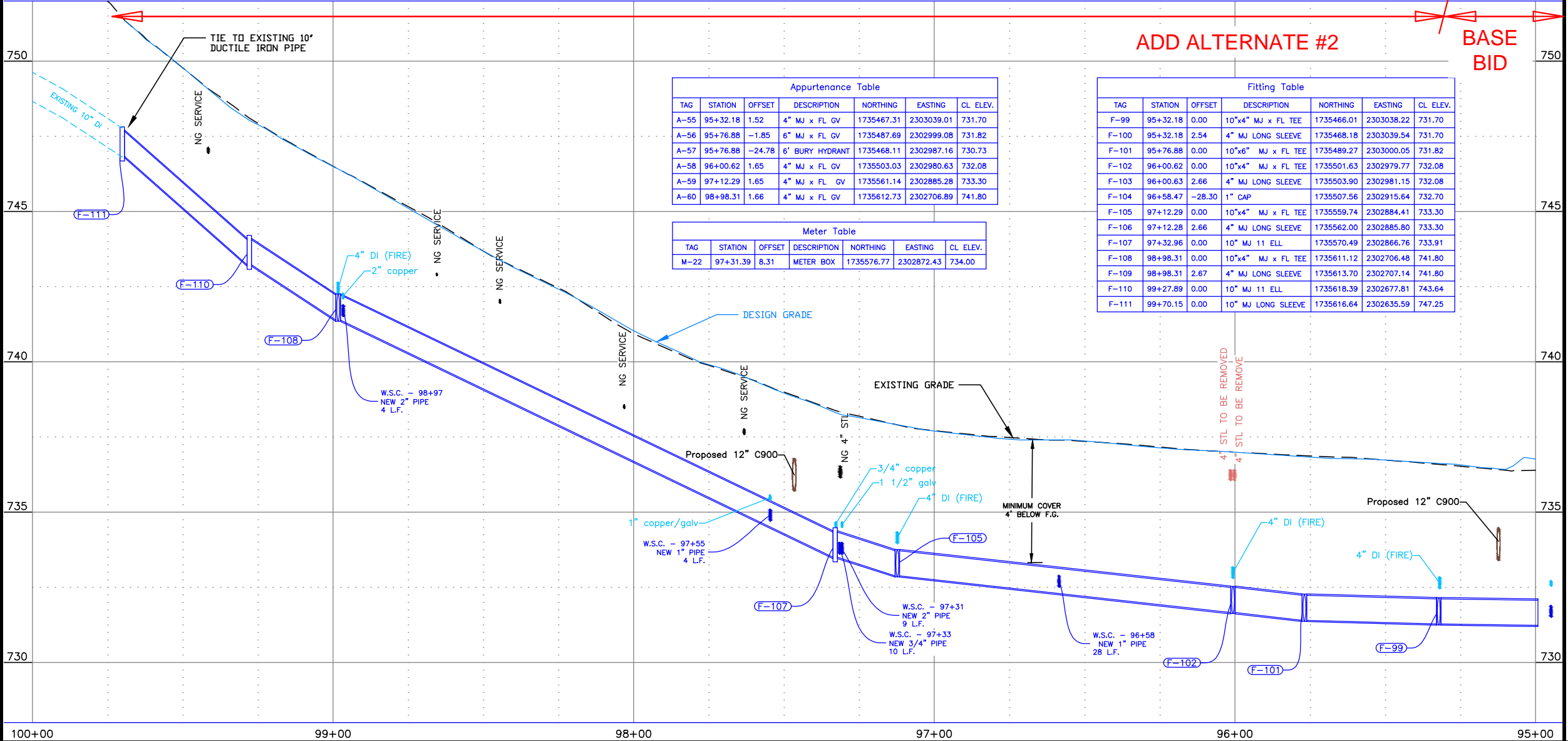
SPECIAL NOTES

- F Connect to existing main as directed by project engineer.
- G Install Hydrant as directed by project engineer.
- H Abandon inactive service lines in place.

ADD ALTERNATE #2

PAY ITEMS

- 16 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1B
- 18 Water Main Pipe - 10" DI Type, Item 401.4.1.A.1D
- 19 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1
- 20 Connect to Existing Main - 4", Item 401.4.1.C.1A
- 23 Connect to Existing Main - 10", Item 401.4.1.C.1D
- 24 Valve - Size 4", Item 402.4.1.A.1A
- 25 Valve - Size 6", Item 402.4.1.A.1B
- 28 Hydrant, Item 403.4.1.A.1
- 29 Water Service Connection, No Meter (See Meter Table this sheet), Size ____, Item 404.4.1.A.1
- 30 Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
- 33 Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A
- 35 Water Service Pipe 2", Item 404.4.1.C.1C

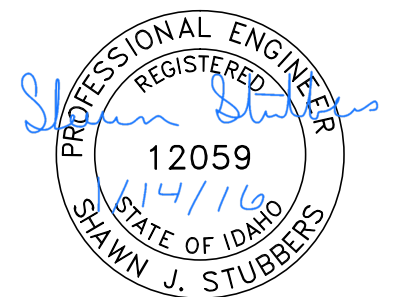


Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-55	95+32.18	1.52	4" MJ x FL GV	1735467.31	2303039.01	731.70
A-56	95+76.88	-1.85	6" MJ x FL GV	1735487.69	2302999.08	731.82
A-57	95+76.88	-24.78	6" BURY HYDRANT	1735468.11	2302987.16	730.73
A-58	96+00.62	1.65	4" MJ x FL GV	1735503.03	2302980.63	732.08
A-59	97+12.29	1.65	4" MJ x FL GV	1735561.14	2302885.28	733.30
A-60	98+98.31	1.66	4" MJ x FL GV	1735612.73	2302706.89	741.80

Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-99	95+32.18	0.00	10"x4" MJ x FL TEE	1735466.01	2303038.22	731.70
F-100	95+32.18	2.54	4" MJ LONG SLEEVE	1735468.18	2303039.54	731.70
F-101	95+76.88	0.00	10"x6" MJ x FL TEE	1735489.27	2303000.05	731.82
F-102	96+00.62	0.00	10"x4" MJ x FL TEE	1735501.63	2302979.77	732.08
F-103	96+00.63	2.66	4" MJ LONG SLEEVE	1735503.90	2302981.15	732.08
F-104	96+58.47	-28.30	1" CAP	1735507.56	2302915.64	732.70
F-105	97+12.29	0.00	10"x4" MJ x FL TEE	1735559.74	2302884.41	733.30
F-106	97+12.28	2.66	4" MJ LONG SLEEVE	1735562.00	2302885.80	733.30
F-107	97+32.96	0.00	10" MJ 11 ELL	1735570.49	2302866.76	733.91
F-108	98+98.31	0.00	10"x4" MJ x FL TEE	1735611.12	2302706.48	741.80
F-109	98+98.31	2.67	4" MJ LONG SLEEVE	1735613.70	2302707.14	741.80
F-110	99+27.89	0.00	10" MJ 11 ELL	1735618.39	2302677.81	743.64
F-111	99+70.15	0.00	10" MJ LONG SLEEVE	1735616.64	2302635.59	747.25

Meter Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-22	97+31.39	8.31	METER BOX	1735576.77	2302872.43	734.00

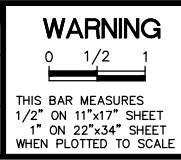
STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
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VERTICAL
1" = 4'



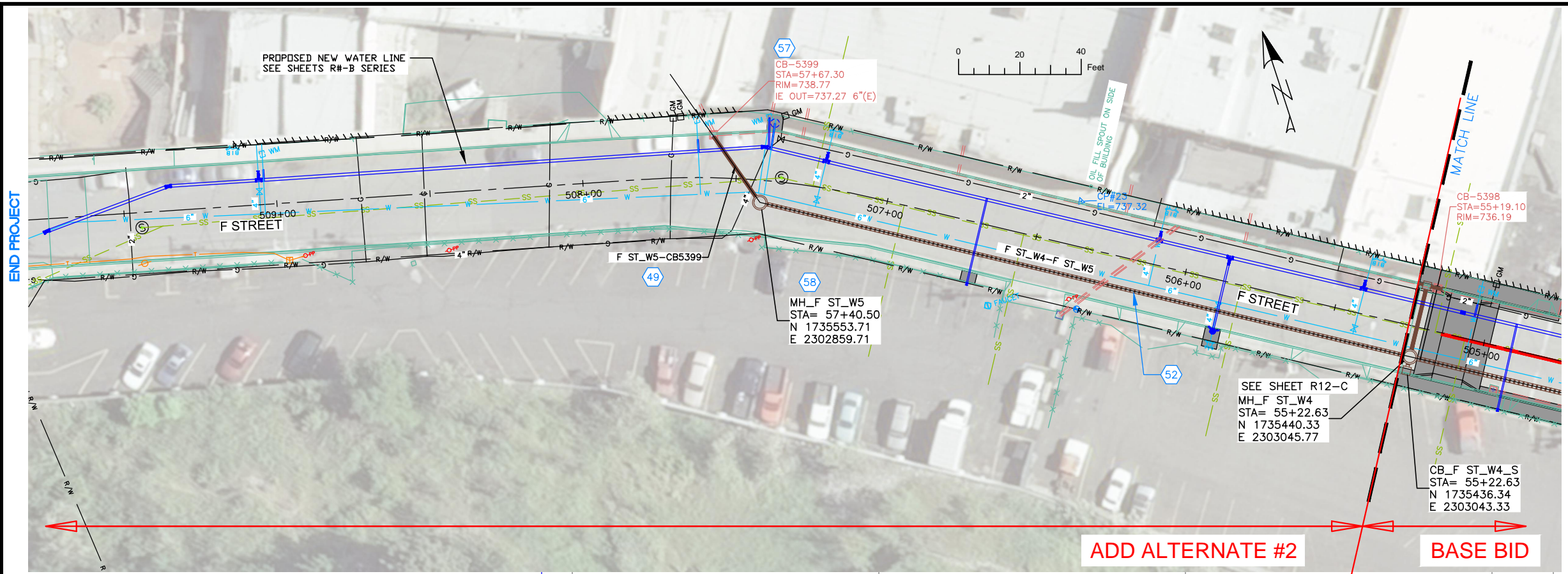
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CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
WATER LINE PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	42 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R13-B



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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.

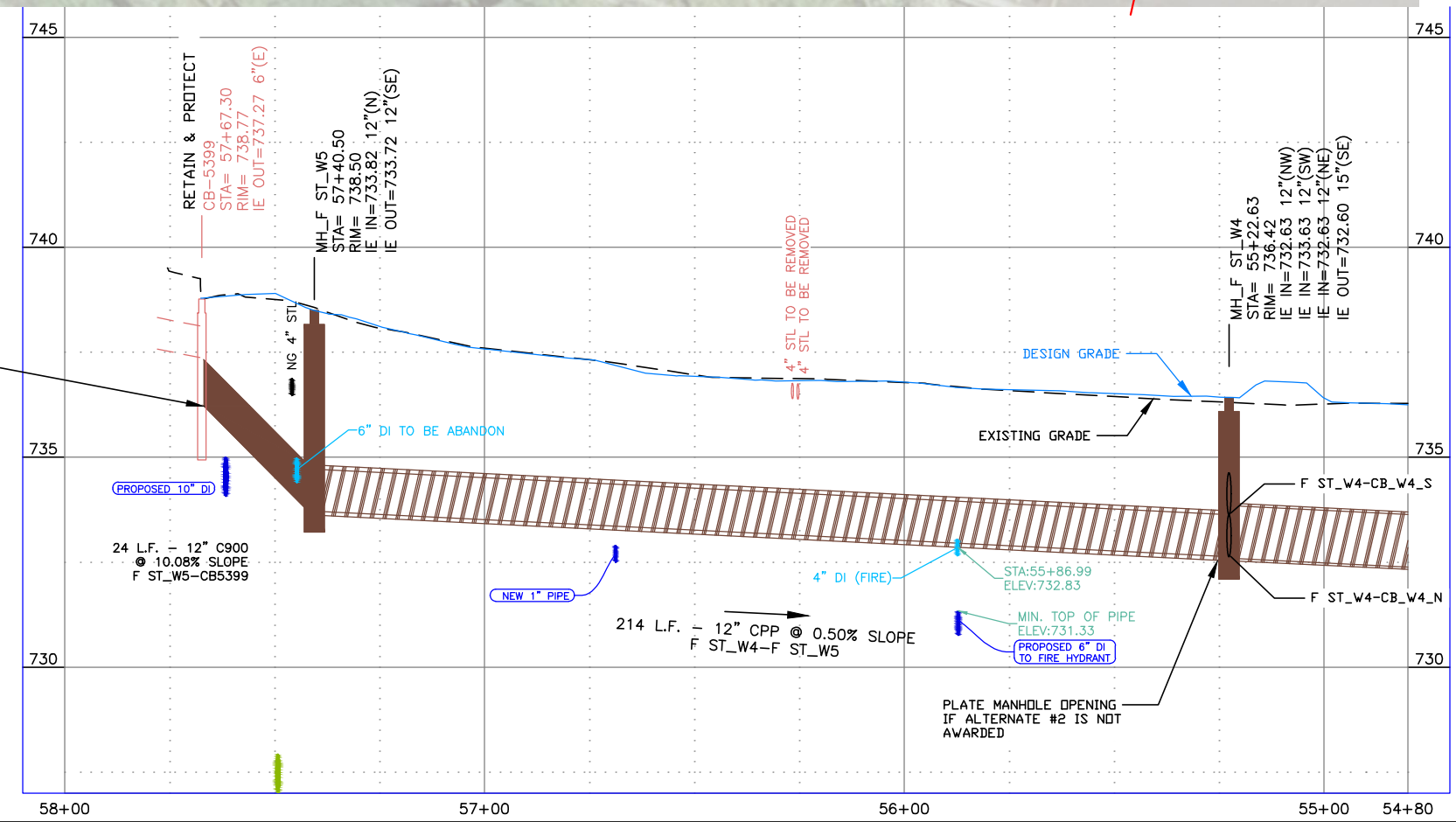
SPECIAL NOTES

ADD ALTERNATE #2

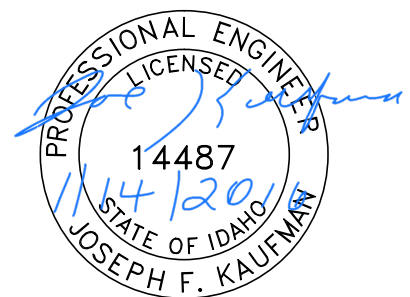
PAY ITEMS

- 49 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A

CORE EXISTING CATCH BASIN FOR NEW OUTLET. NEW INVERT OUT TO BE 737.00 OR LOWER. CONNECTION TO BE APPROVED BY THE ENGINEER. LEAVE EXISTING OUTLET OPEN.



STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES



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REVISIONS				

SCALE
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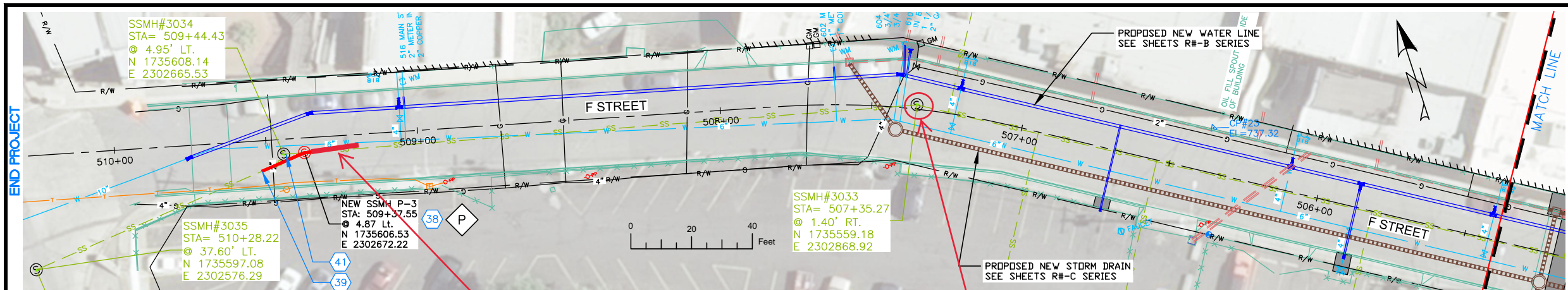
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CITY OF LEWISTON
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208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STORM DRAIN PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	43 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R13-C



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
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- 4.

SPECIAL NOTES

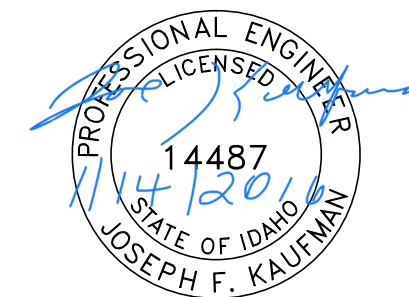
- P REMOVE EXISTING FLUSH TANK AND REPLACE WITH NEW MANHOLE AT THE INTERSECTION OF EXISTING SEWER LINES.

ADD ALTERNATE #2

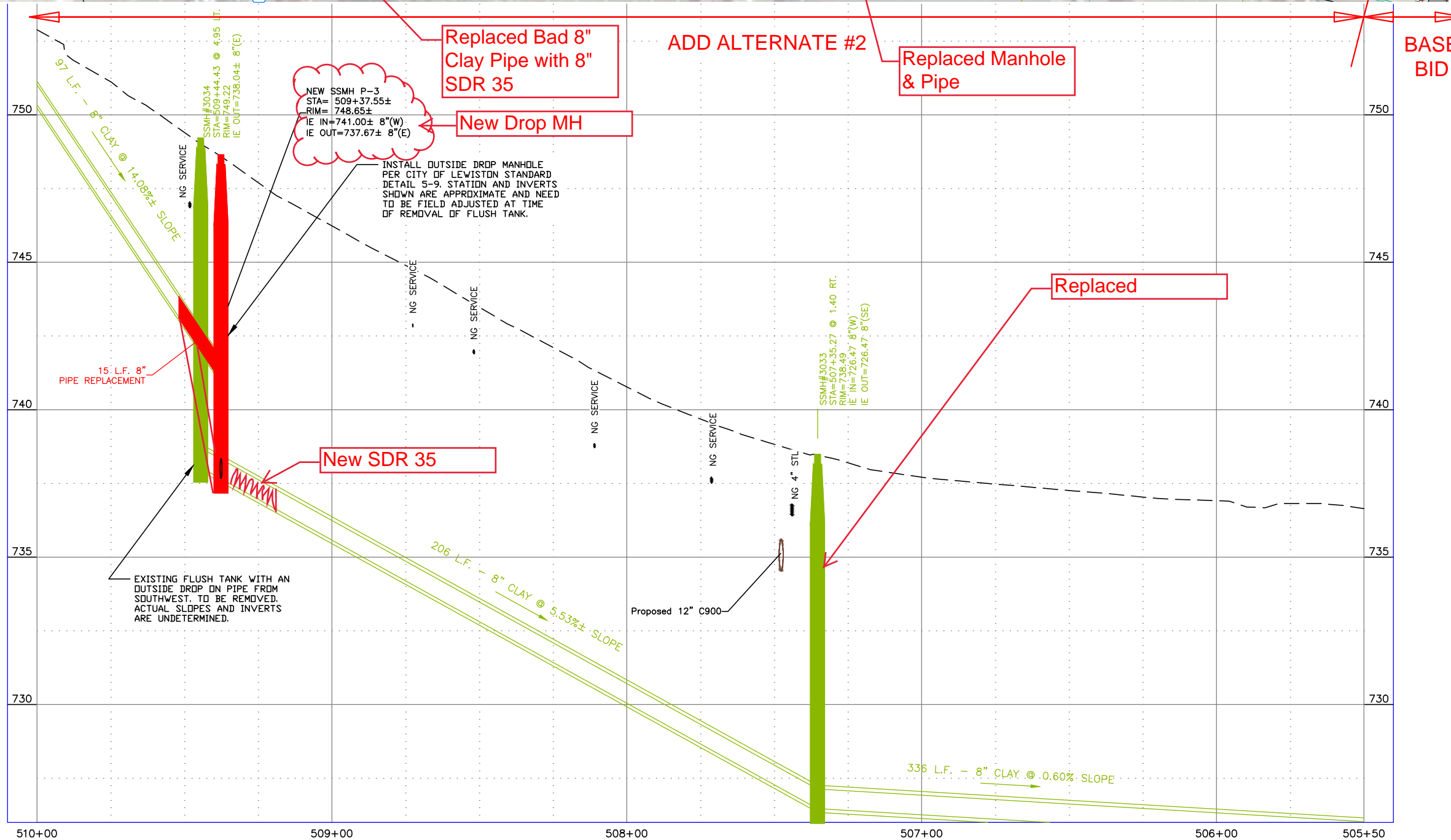
PAY ITEMS

- 38 Sanitary Sewer Manhole - Type A, Item 502.4.1.A.1
- 39 Install 8" Full Circle Rpair Clamp, Item 507.4.1.D.3
- 41 Replace 8" Dia. Pipe, Item 507.4.1.E.1

STREET IMPROVEMENTS, SEE SHEETS R#-F SERIES

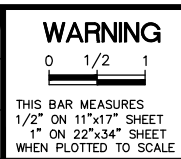


BID DOCUMENTS



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

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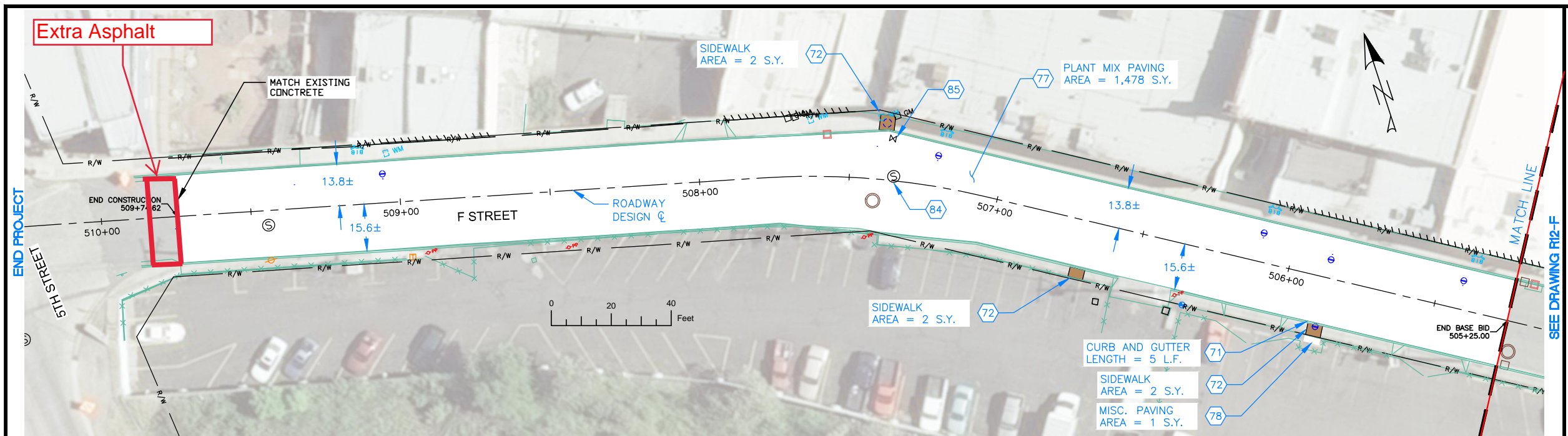


CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
SANITARY SEWER POINT REPAIR PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 44 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R13-E



NOTES

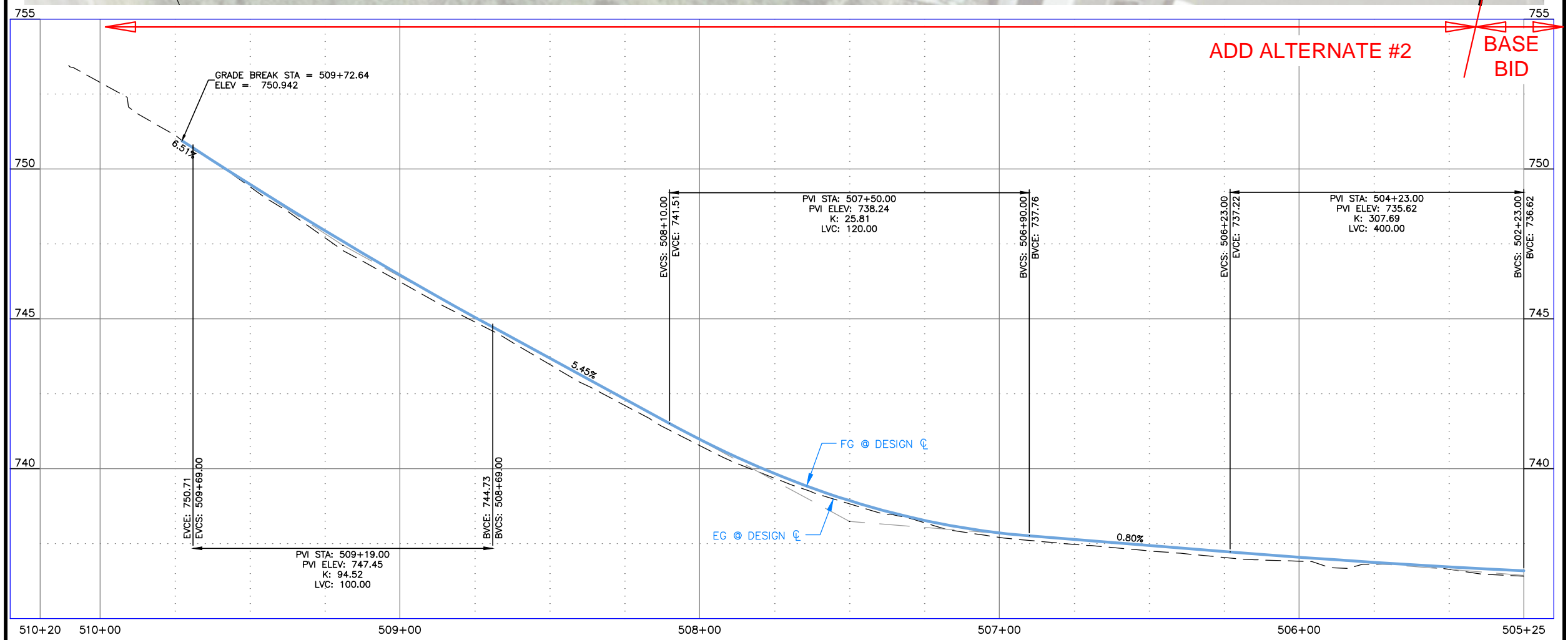
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

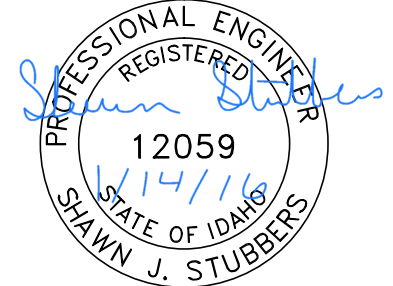
ADD ALTERNATE #2

PAY ITEMS

- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
- 77 Plant Mix Pavement, Item 810.4.1.A.3
- 78 Miscellaneous Paving, Item 810.4.4.A.5
- 84 Manhole, Adjust to Grade, Item 2030.4.1.A.1
- 85 Valve Box, Adjust to Grade, Item 2030.4.1.C.1



- MISCELLANEOUS CONCRETE
- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



BID DOCUMENTS

752.9	751.1	749.4	748.49	747.7	747.94	746.2	746.47	744.9	745.06	743.5	743.69	742.1	742.33	740.8	740.99	739.7	739.84	738.8	738.94	738.2	738.28	737.7	737.86	737.5	737.64	737.3	737.44	737.0	737.24	736.9	737.05	736.8	736.86	736.6	736.75	736.4	736.60
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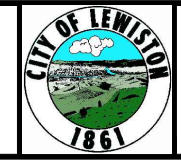
NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595

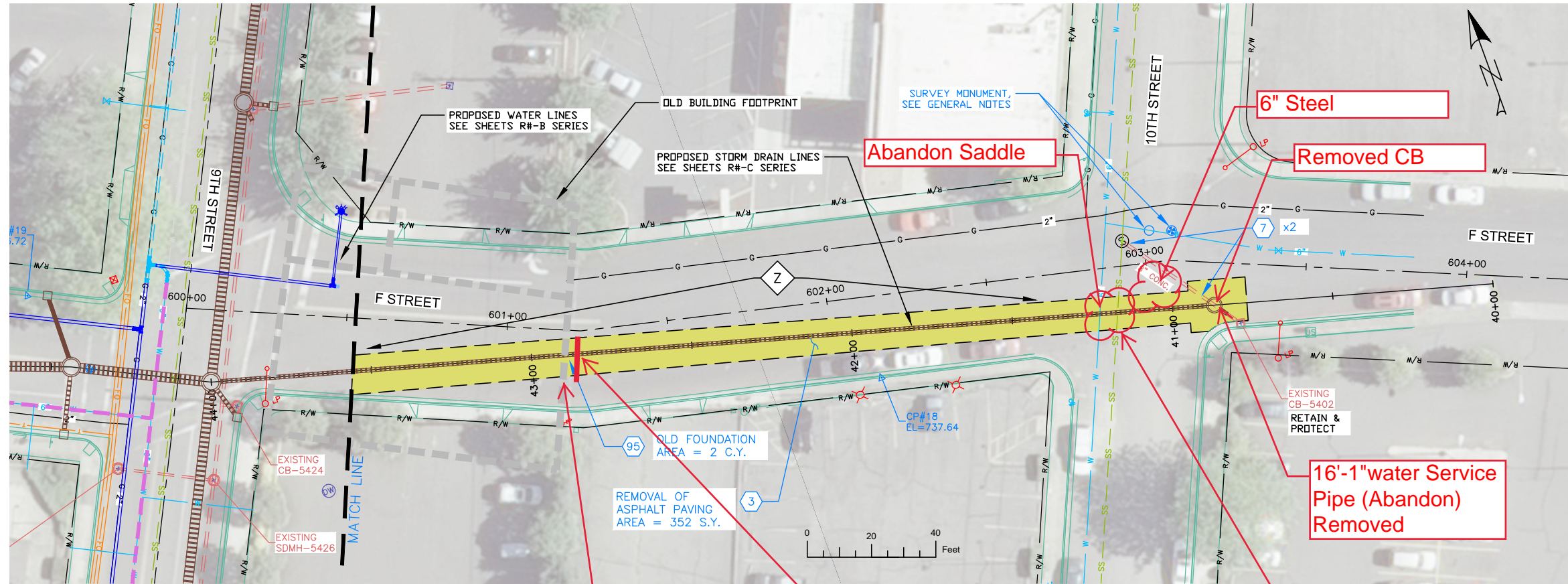


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 45 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R13-F

SEE DRAWING R8-A



SEE DRAWING R9-A

SEE DRAWING R8-A

No Foundation Found

Gas Removed

8' Steel
2" Conduit Removed

NOTES

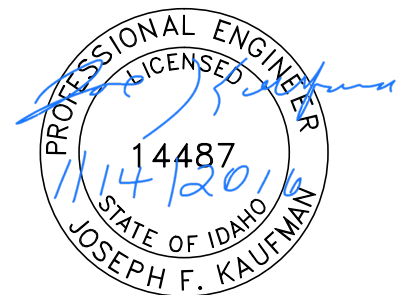
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

- Ⓩ Anticipate obstructions along this run. This portion of F Street was not originally platted.

PAY ITEMS

- ⓓ Removal of Bituminous Surface, Item 201.4.1.D.1B
- ⓓ Abandon Pipe In Place, (Plug End), Item SP-201.A
- ⓓ Removal of Obstruction, C.Y., Item 201.4.1.G.1



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595

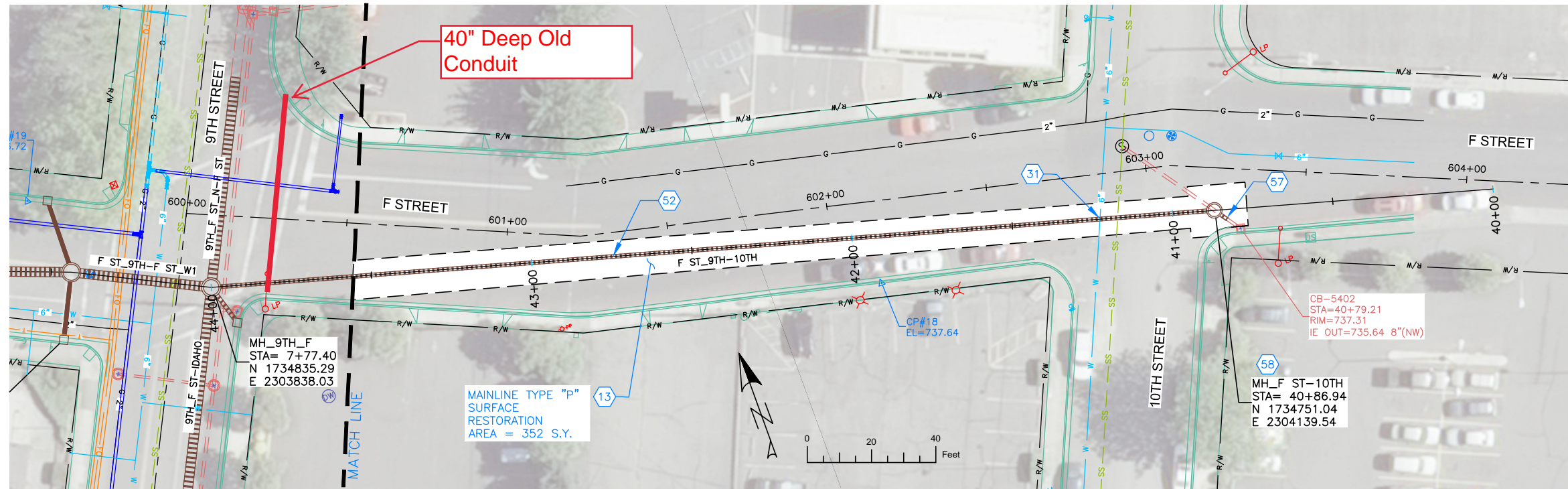


DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)

REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 46 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R14-A

SEE DRAWING R8-C



SEE DRAWING R9-C

END PROJECT

SEE DRAWING R8-C

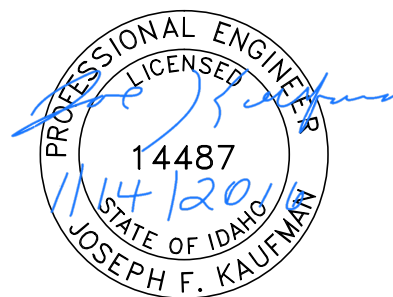
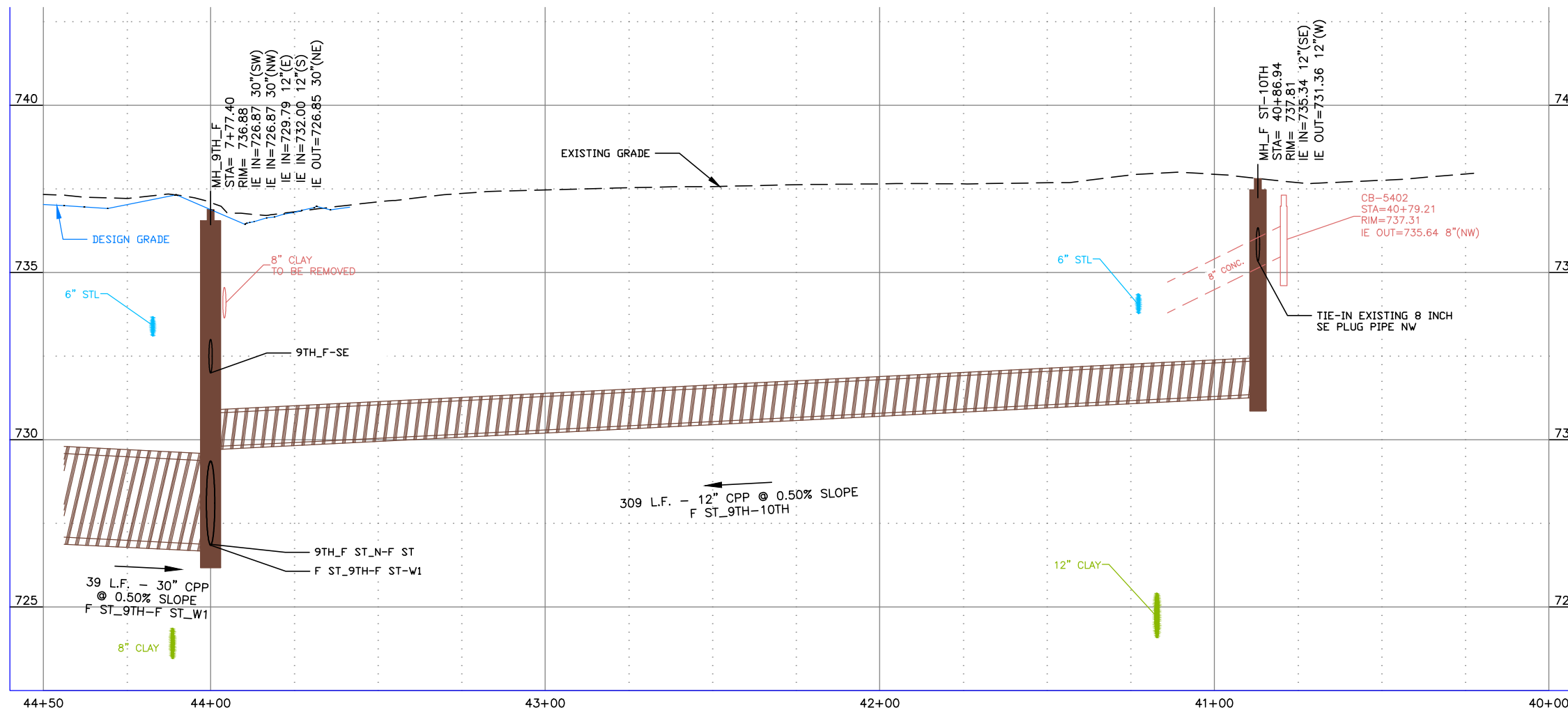
NOTES

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4. 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

PAY ITEMS

- 13 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 31 Potable Water Main Crossing, Item SP-404A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

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1" = 40'
VERTICAL
1" = 4'

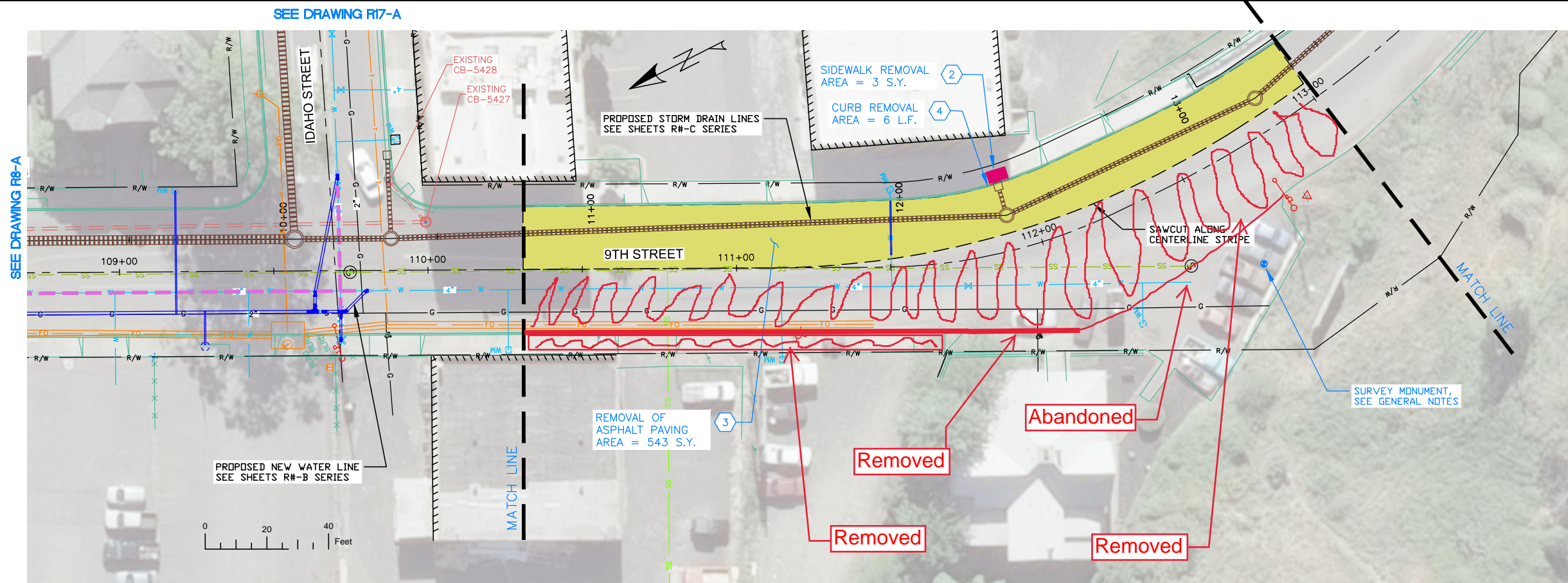
WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 47 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R14-C,F



NOTES

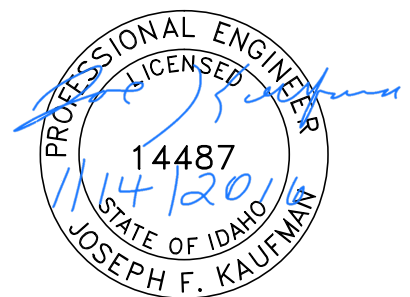
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2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

PAY ITEMS

- ② Removal of Sidewalk, Item 201.4.1.D.1A
- ③ Removal of Bituminous Surface, Item 201.4.1.D.1B
- ④ Removal of Curb, Item 201.4.1.E.1

- PAVEMENT REMOVAL
- CONCRETE REMOVAL



BID DOCUMENTS

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 48 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R15-A

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

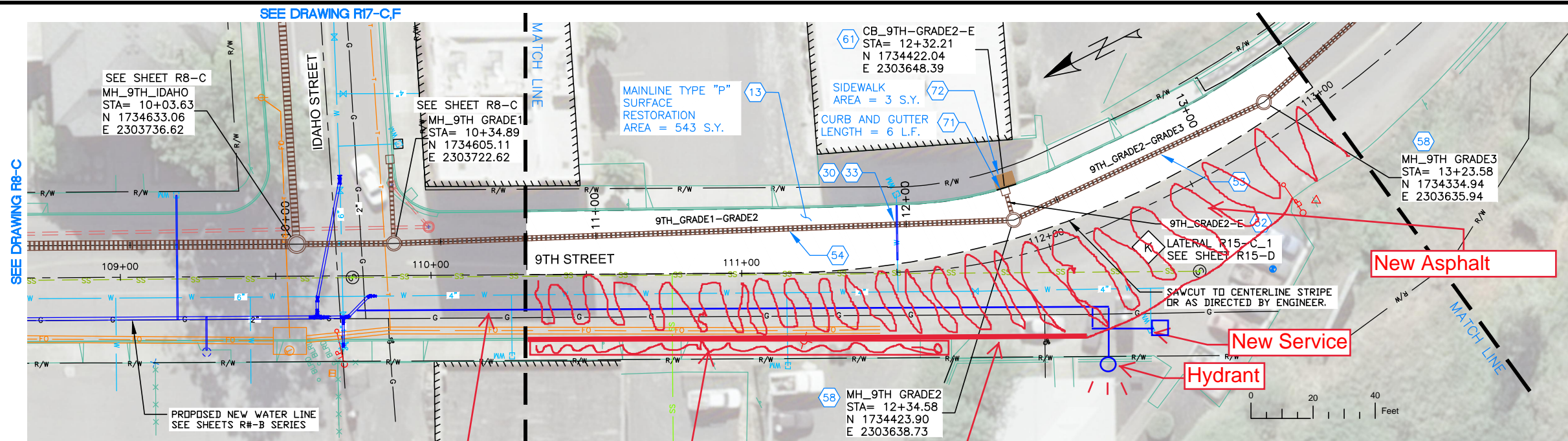
SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
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1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
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208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN



SEE DRAWING R8-C

SEE DRAWING R16-C,F

NOTES

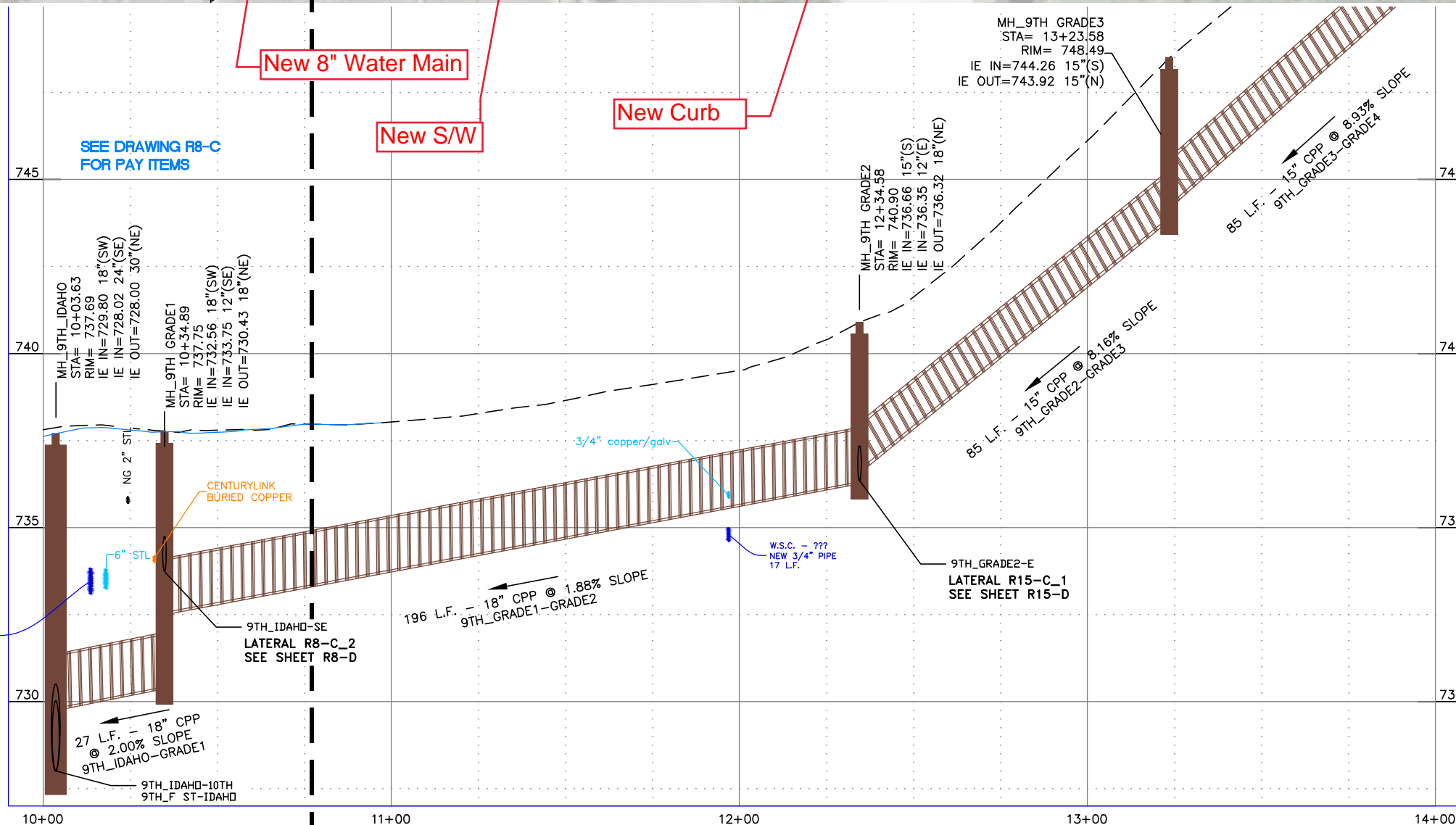
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
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4. NORTHINGS AND EASTINGS ARE SHOWN TO THE CENTER OF MANHOLES AND CENTER OF CATCH BASIN. TYPE 1 INLETS LOCATIONS WILL NEED TO BE ADJUSTED TO FIT CURB LINE AND FLOW LINE CONDITIONS.

SPECIAL NOTES

- Ⓚ Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.

PAY ITEMS

- 13 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 30 Connect to Existing Service Pipe, Size __", Item 404.4.1.B.1
- 33 Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 53 15" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17B
- 54 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1



SEE DRAWING R8-C FOR PAY ITEMS

New 8" Water Main

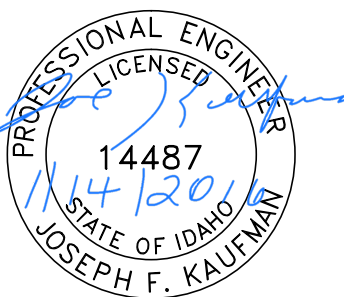
New S/W

New Curb

New Asphalt

New Service

Hydrant



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

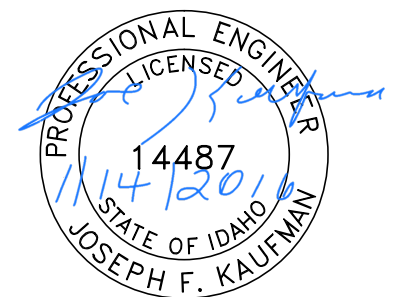
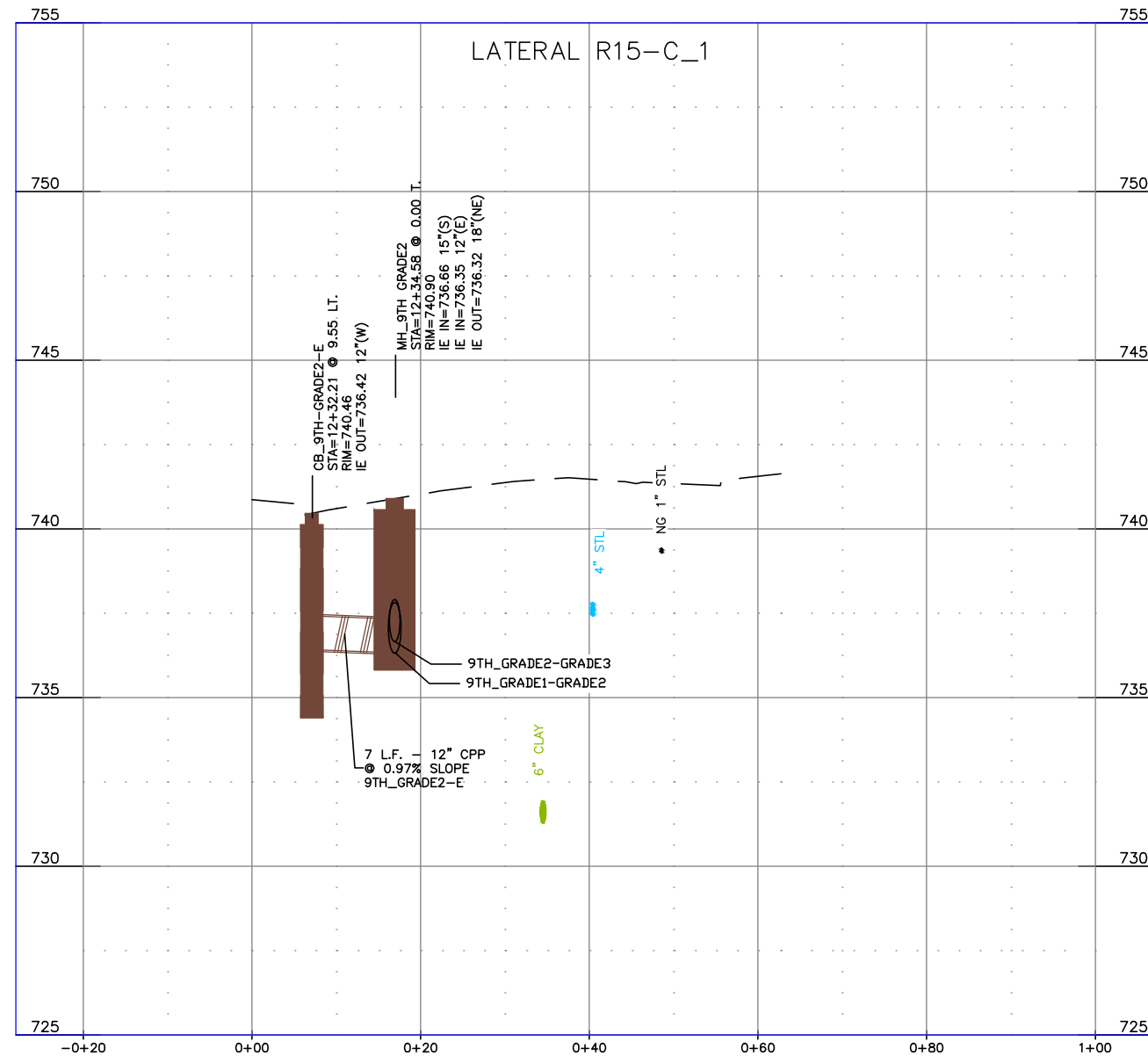
WARNING
0 1/2 1
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1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
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**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET: 49 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R15-C,F



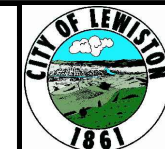
BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

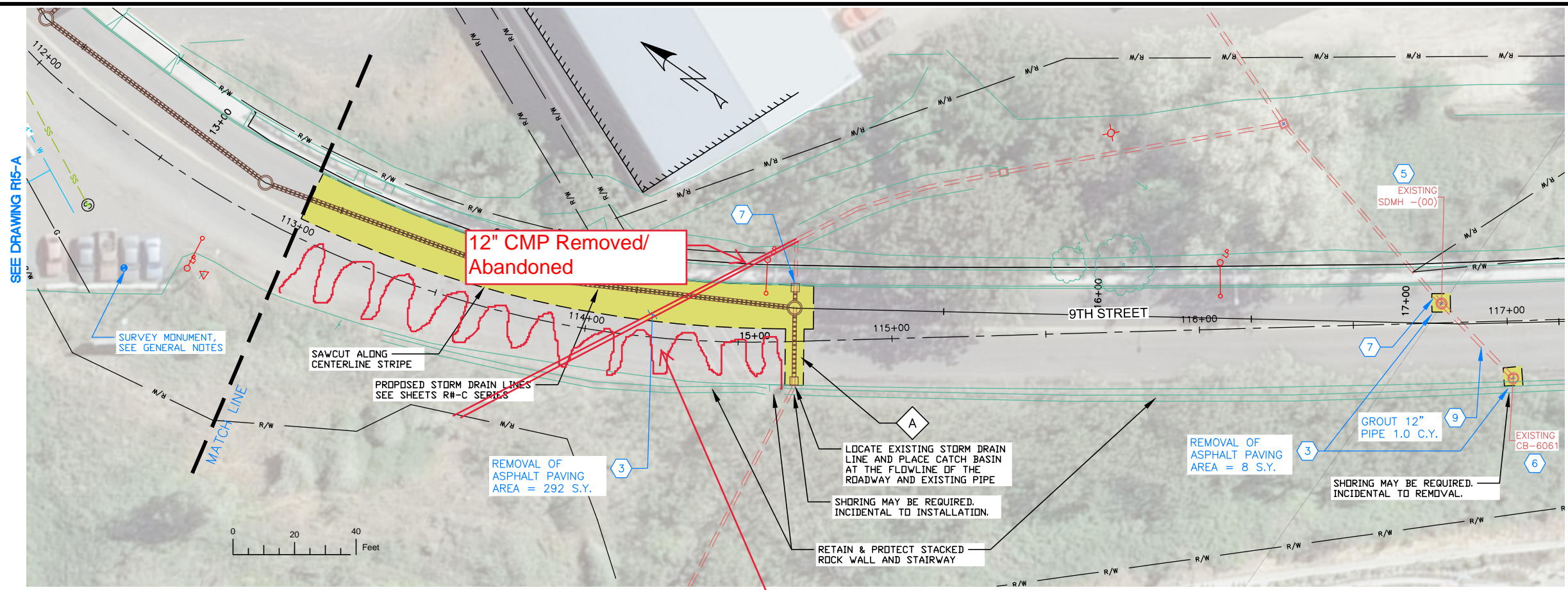
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 50 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R15-D



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

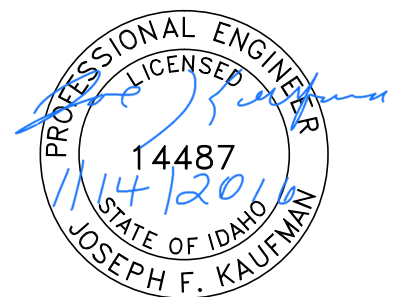
- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 5 Removal of Manhole, Item 201.4.1.F.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C

PAVEMENT REMOVAL

CONCRETE REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE

HORIZONTAL
1" = 40'

VERTICAL
1" = 4'

WARNING

THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



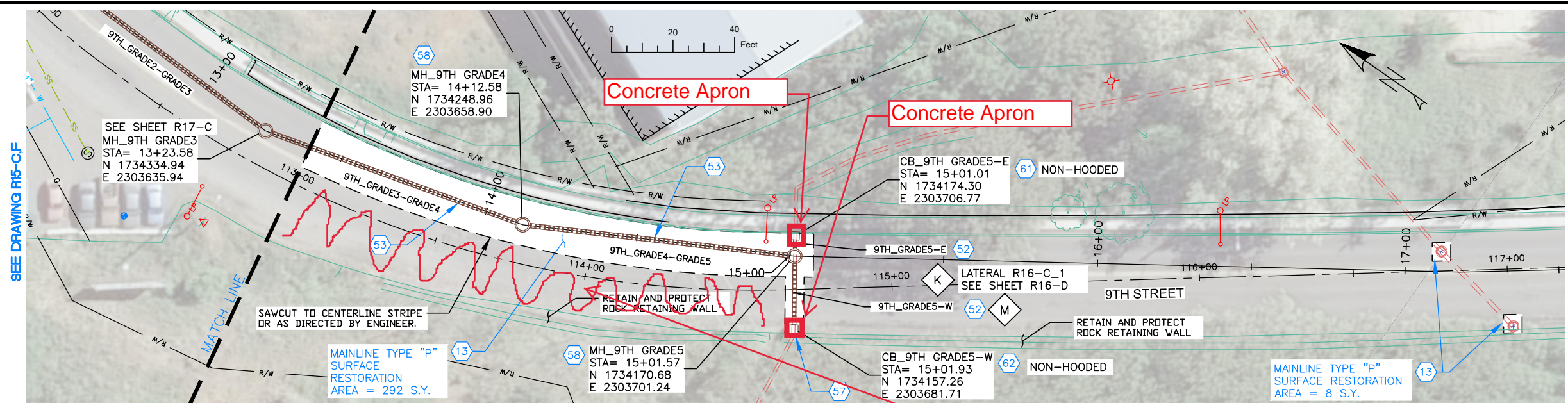
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 51 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R16-A



SEE DRAWING R16-C,F

END PROJECT

NOTES

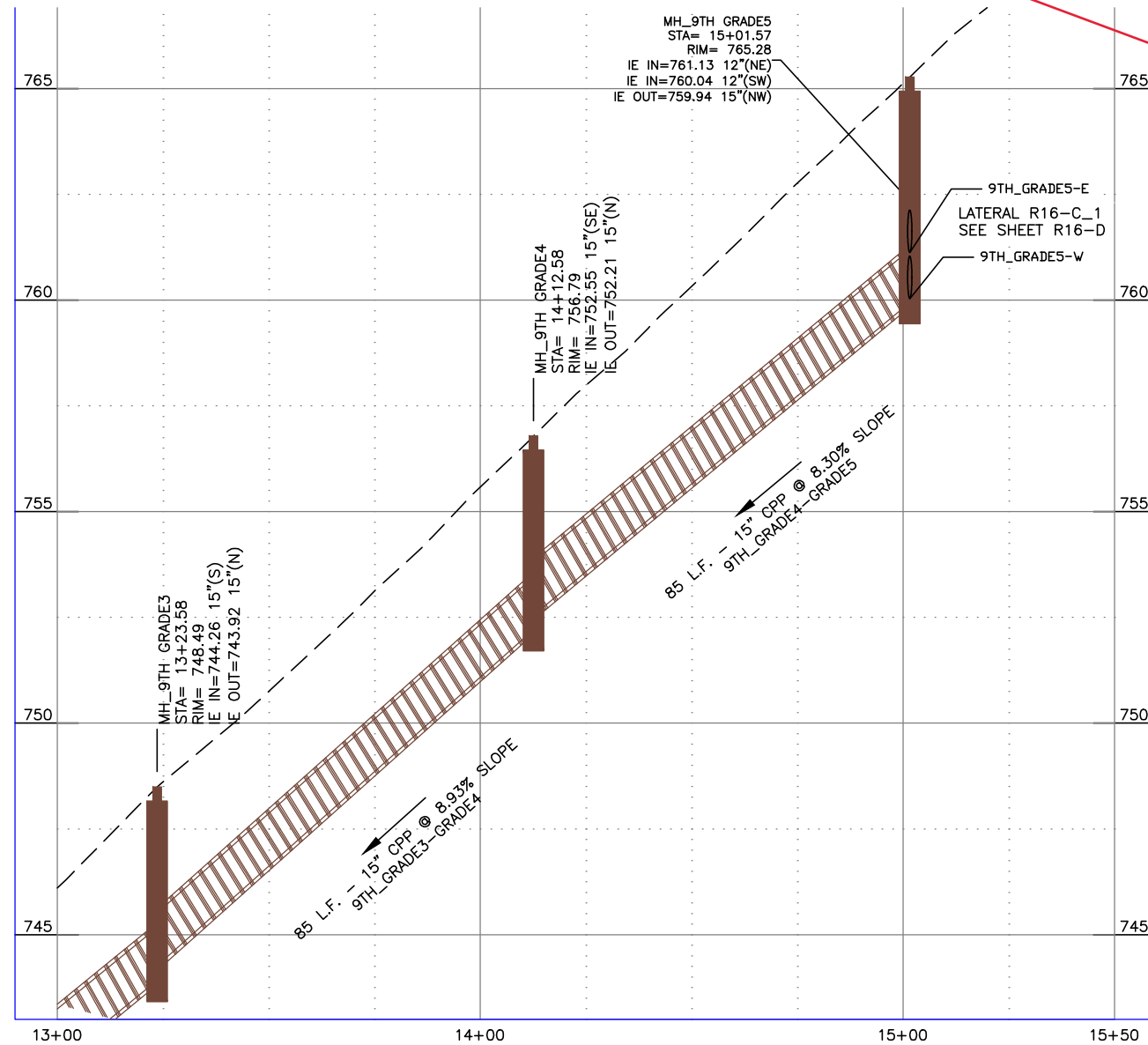
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
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SPECIAL NOTES

- K** Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.
- M** Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

- 13** Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 52** 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 53** 15" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17B
- 57** Existing Storm Drain Connection, Item 601.4.1.C.1
- 58** Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61** Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 62** Catch Basin - City of Lewiston Std (Type 1a), Item 602.4.1.F.1B



New Asphalt

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

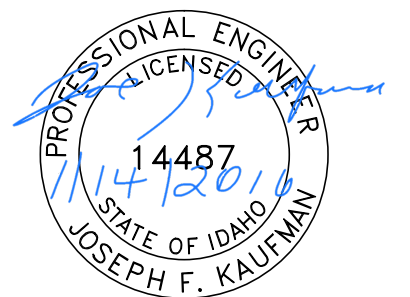
SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
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THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595

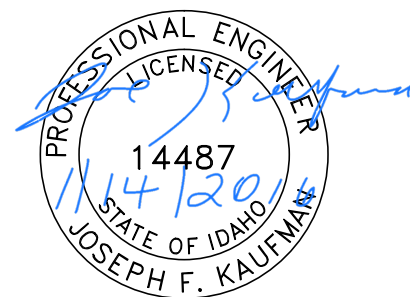
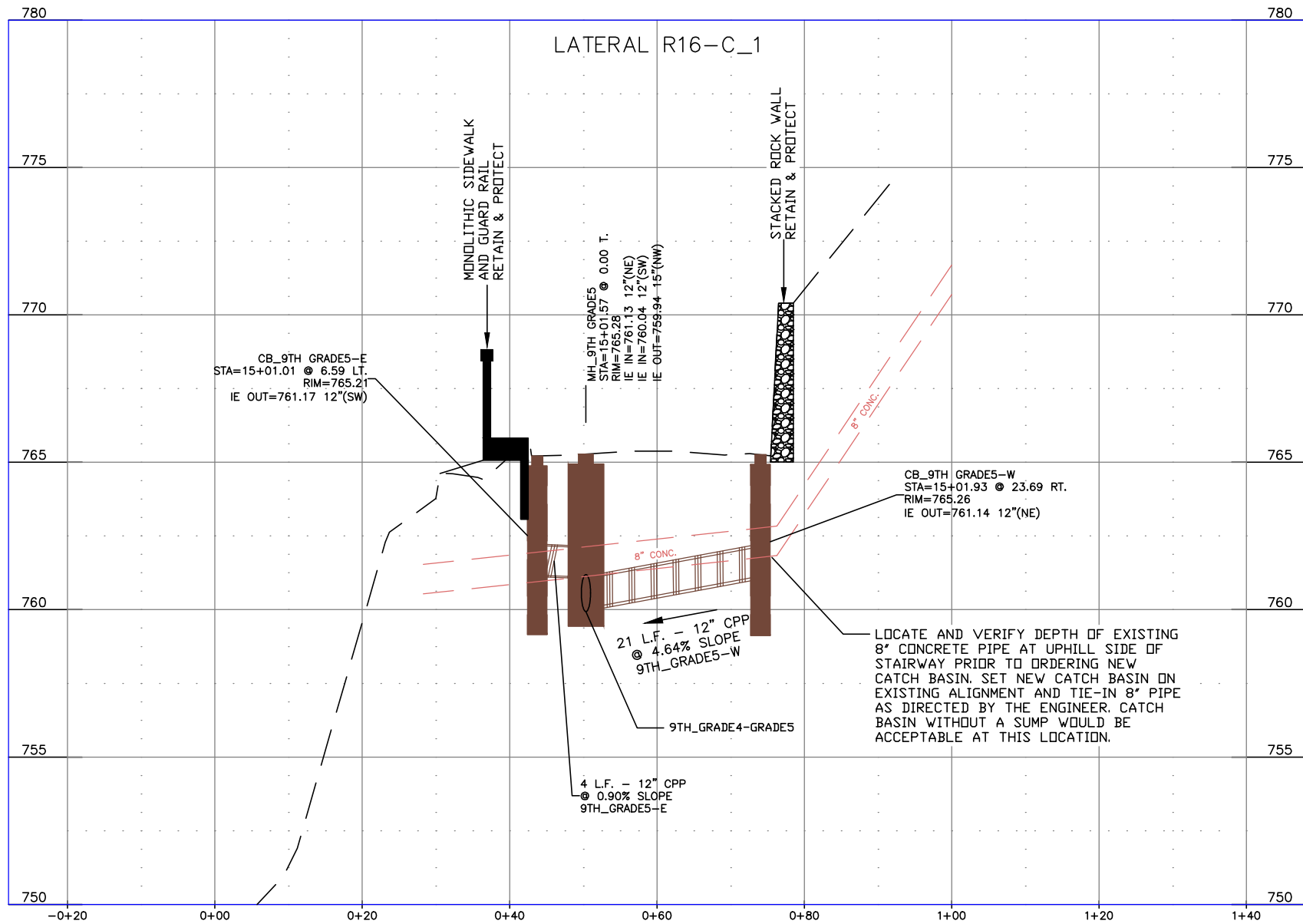


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE



BID DOCUMENTS

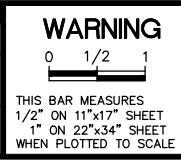
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DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 52 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R16-C,F



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN



WARNING
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CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
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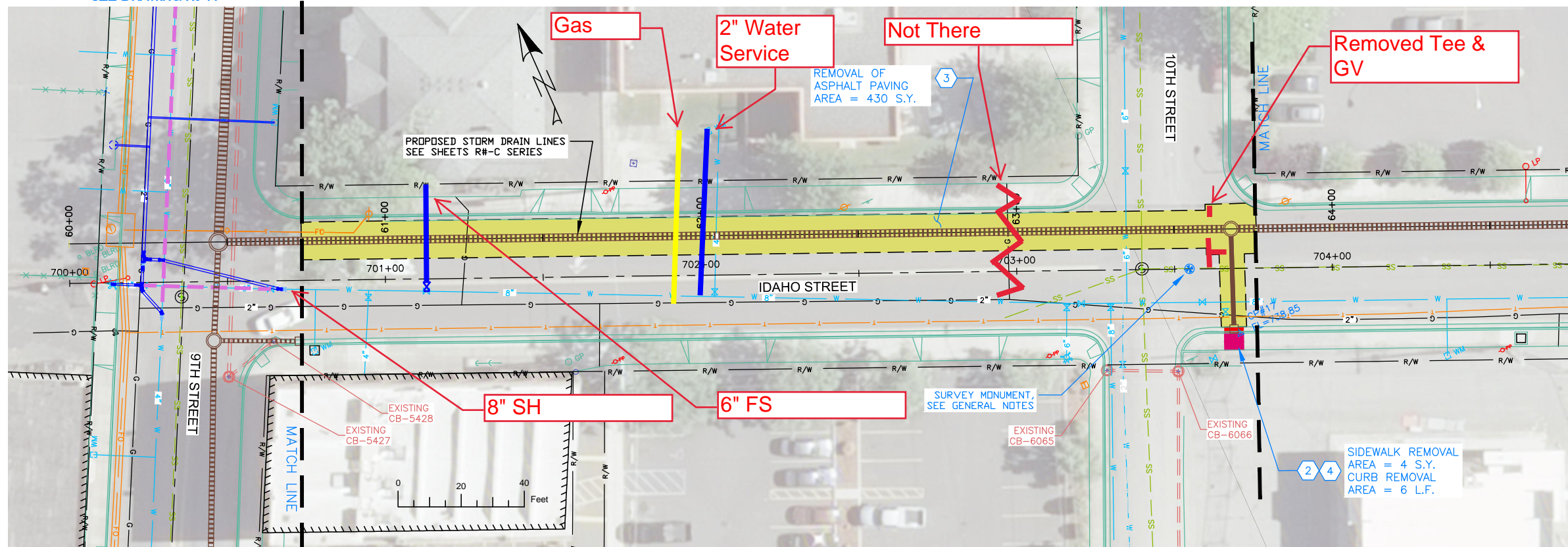


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 53 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R16-D

SEE DRAWING R8-A



SEE DRAWING R15-A

NOTES

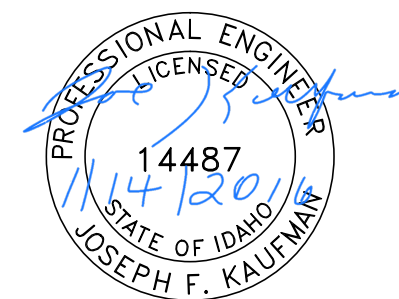
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
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SPECIAL NOTES

PAY ITEMS

- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1

PAVEMENT REMOVAL
 CONCRETE REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 40'
 VERTICAL
 1" = 4'

WARNING

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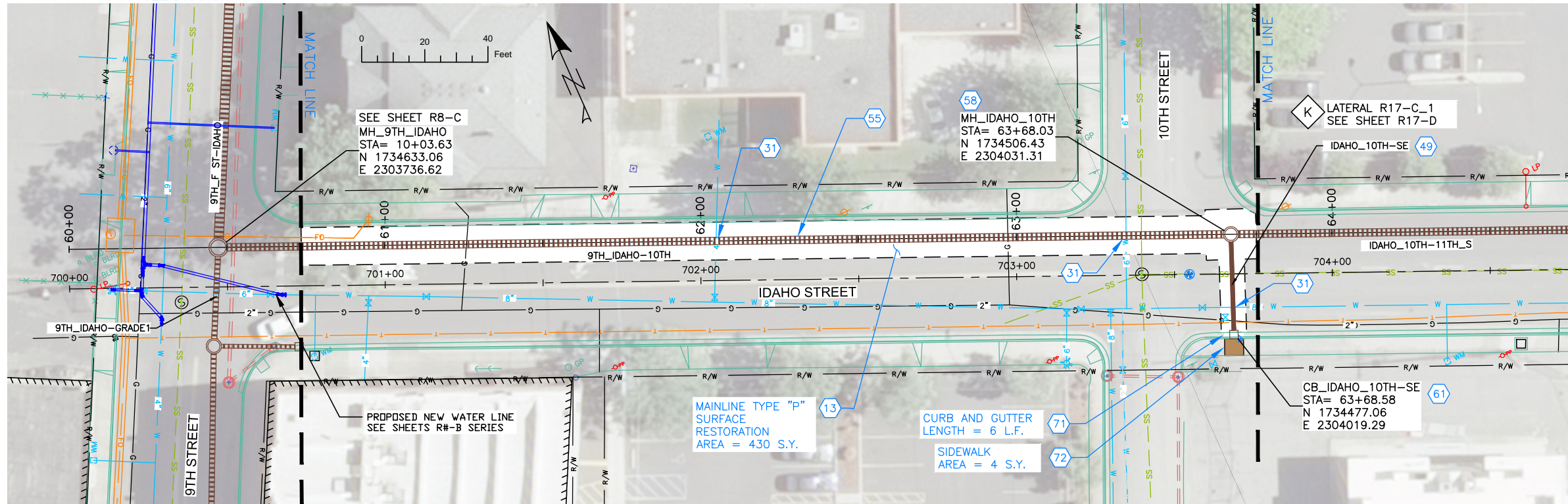
CITY OF LEWISTON
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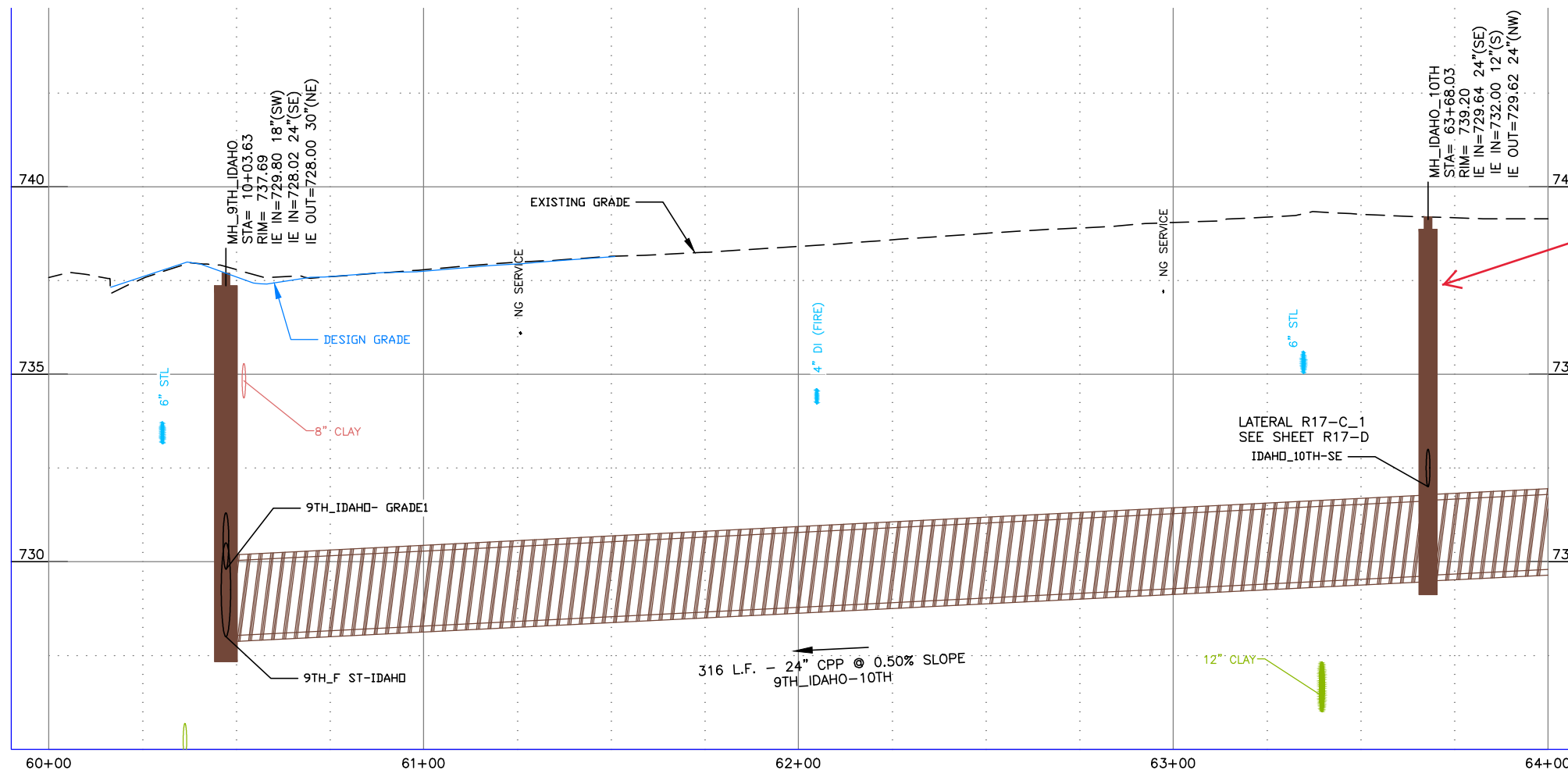
**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 54 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R17-A

SEE DRAWING R8-C



SEE DRAWING R15-C,F



NOTES

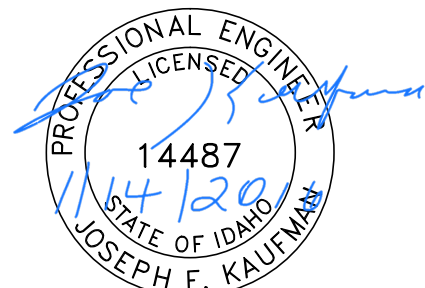
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. NORTHINGS AND EASTINGS ARE 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

K Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.

PAY ITEMS

- 13** Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 31** Potable Water Main Crossing, Item SP-404A
- 49** 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5A
- 55** 24" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17D
- 58** Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61** Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 71** Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72** Concrete Sidewalks, Thickness 4", Item 706.4.1.E.1



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

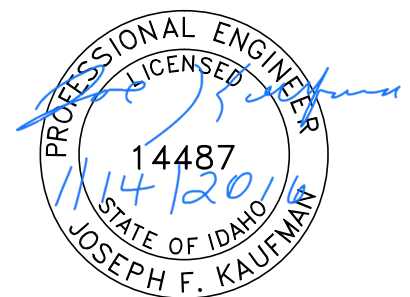
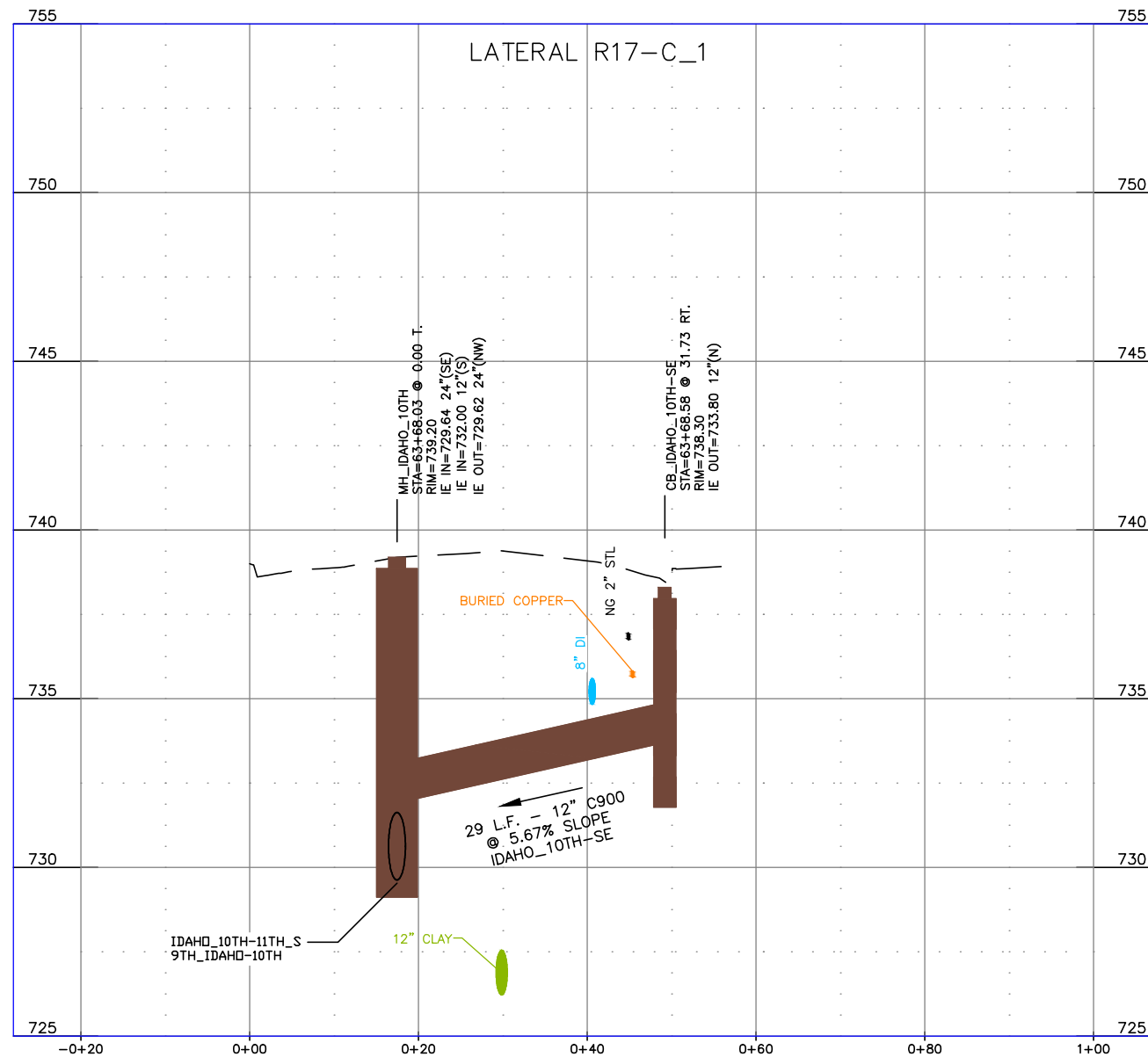
WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	55 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R17-C,F



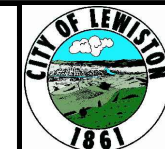
BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

WARNING
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THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

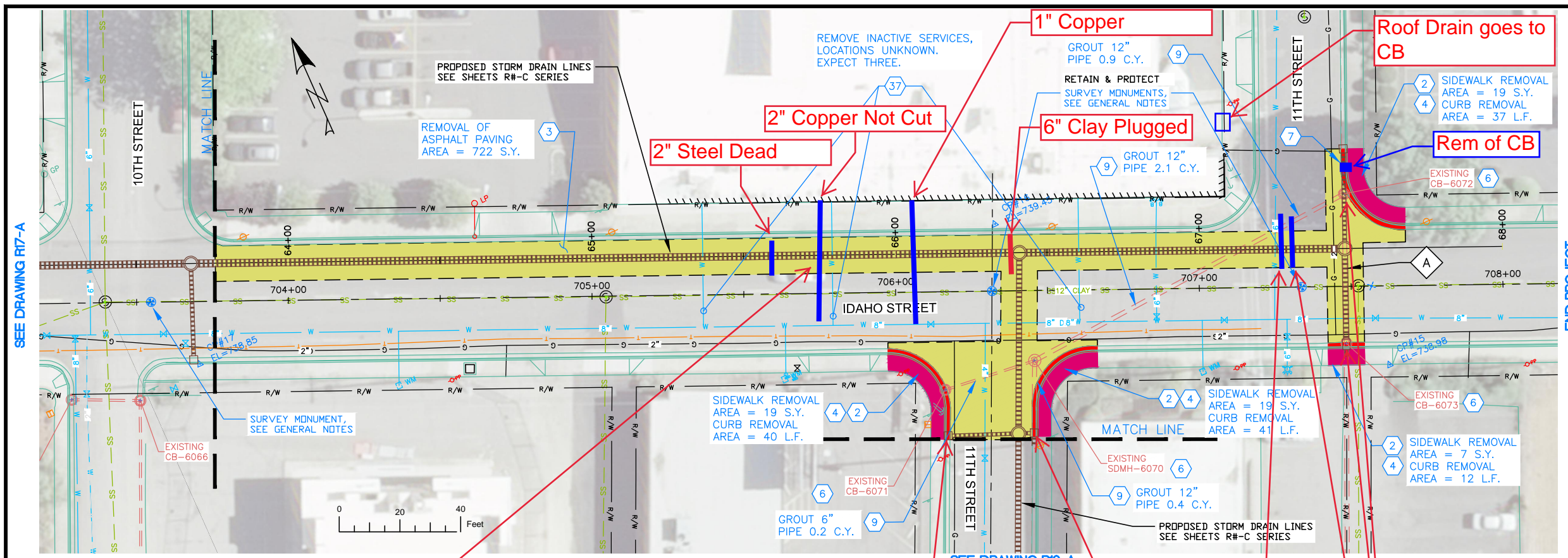
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 56 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R17-D



NOTES

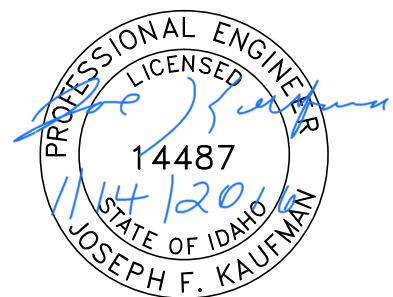
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

PAY ITEMS

- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C
- 37 Remove Inactive Water Service, Item SP-404C



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



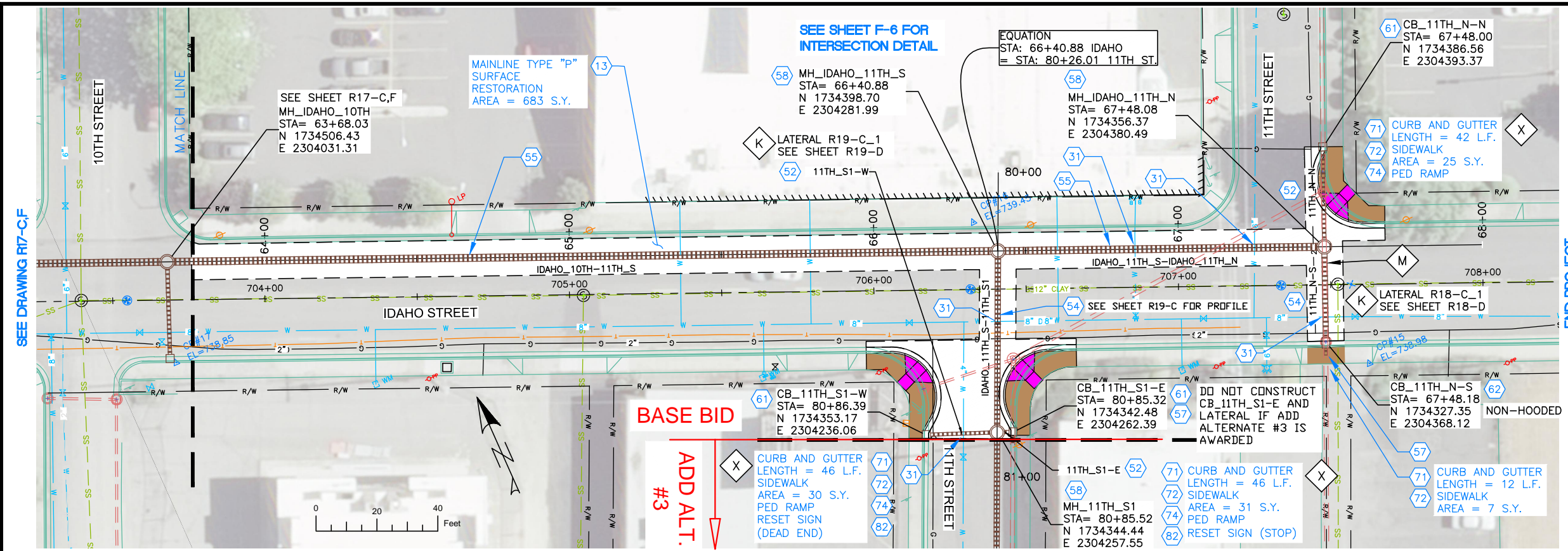
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

REMOVAL PLAN

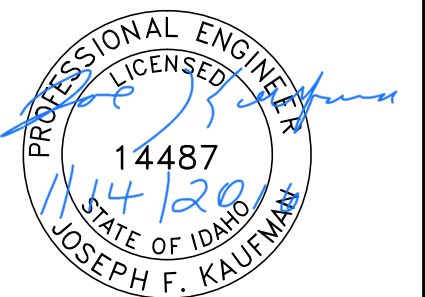
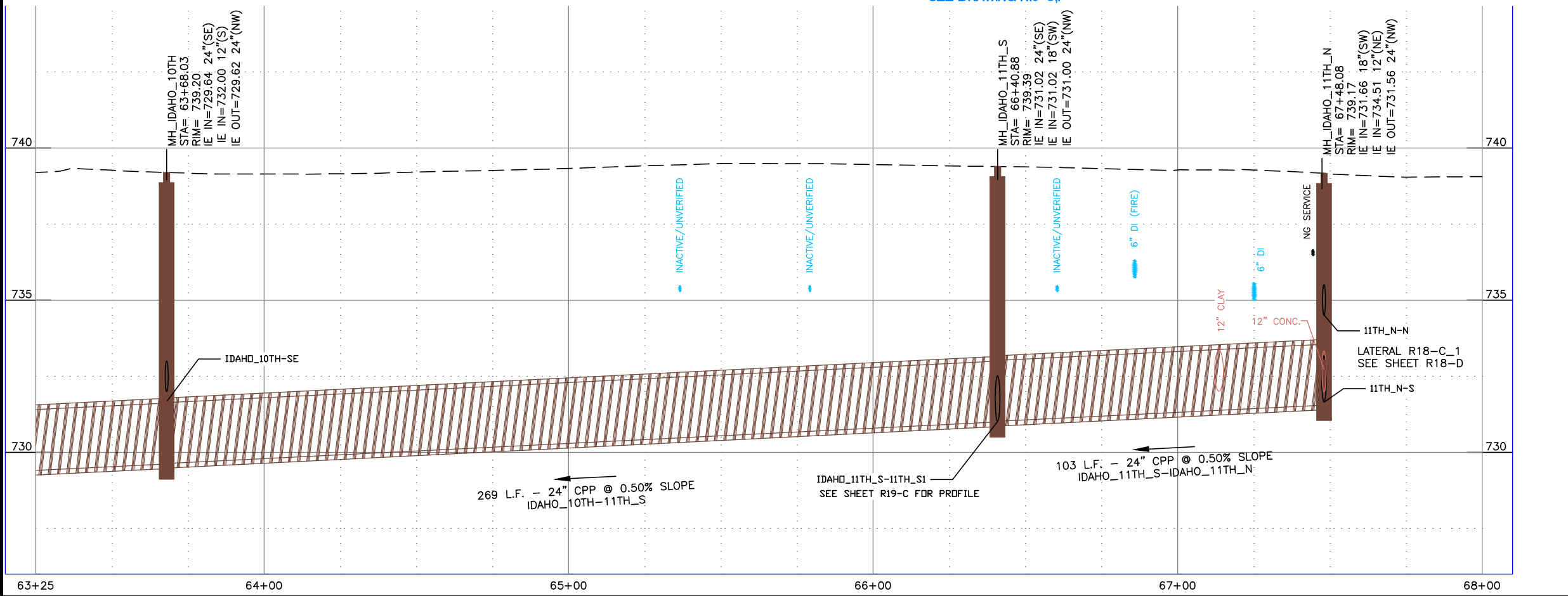
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 57 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R18-A



- NOTES**
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
 2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
 3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
 4. 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**
- K** Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.
 - M** Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
 - X** New Curb Returns are to be Mountable Curb as directed by the Engineer (See ISPWC SD-703), Incidental to Item 706.4.1.A.5

- PAY ITEMS**
- 13 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
 - 31 Potable Water Main Crossing, Item SP-404A
 - 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
 - 54 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
 - 55 24" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17D
 - 57 Existing Storm Drain Connection, Item 601.4.1.C.1
 - 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
 - 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
 - 62 Catch Basin - City of Lewiston Std (Type 1a), Item 602.4.1.F.1B
 - 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
 - 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
 - 74 Pedestrian Ramp with Detectable Warning Domes, Item 706.4.1.H.1
 - 82 Remove and Reset Sign, Item SP-1105.A



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 40'
 VERTICAL
 1" = 4'

WARNING

1/2" ON 11"x17" SHEET
 1" ON 22"x34" SHEET
 WHEN PLOTTED TO SCALE



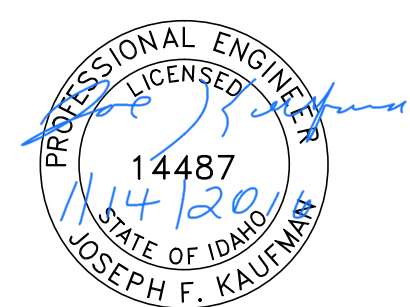
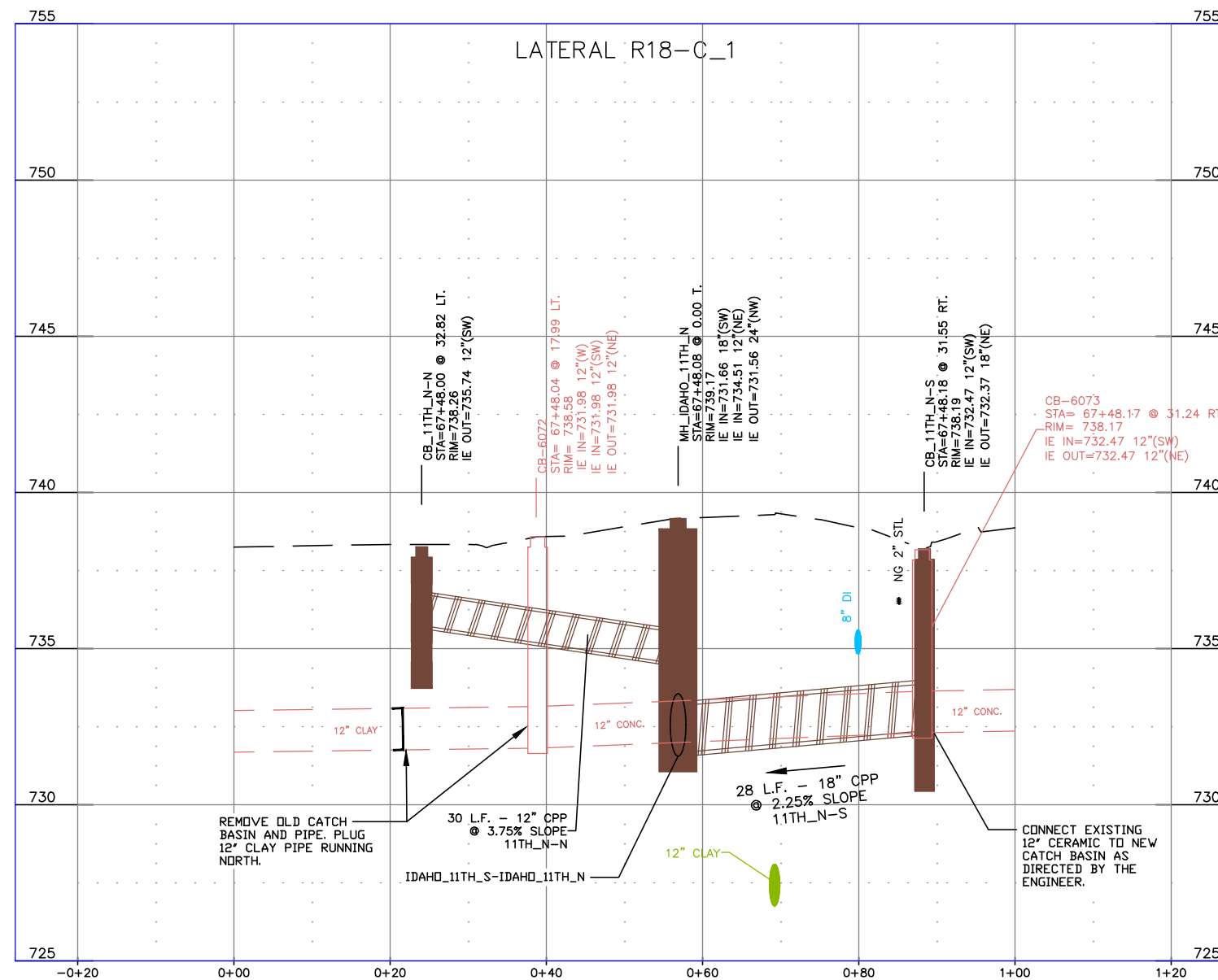
CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON ID 83501
 208-746-1316
 FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 58 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R18-C,F

BID DOCUMENTS

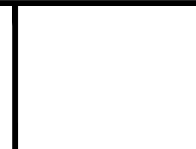


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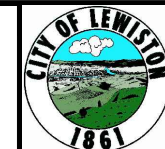
NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE



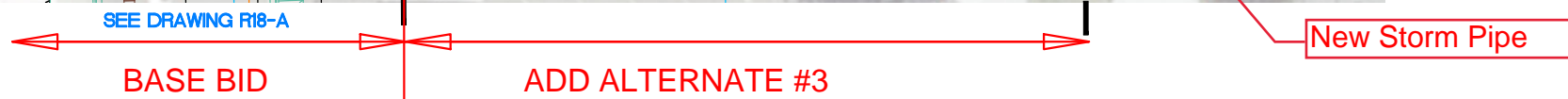
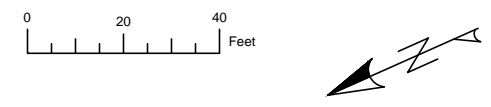
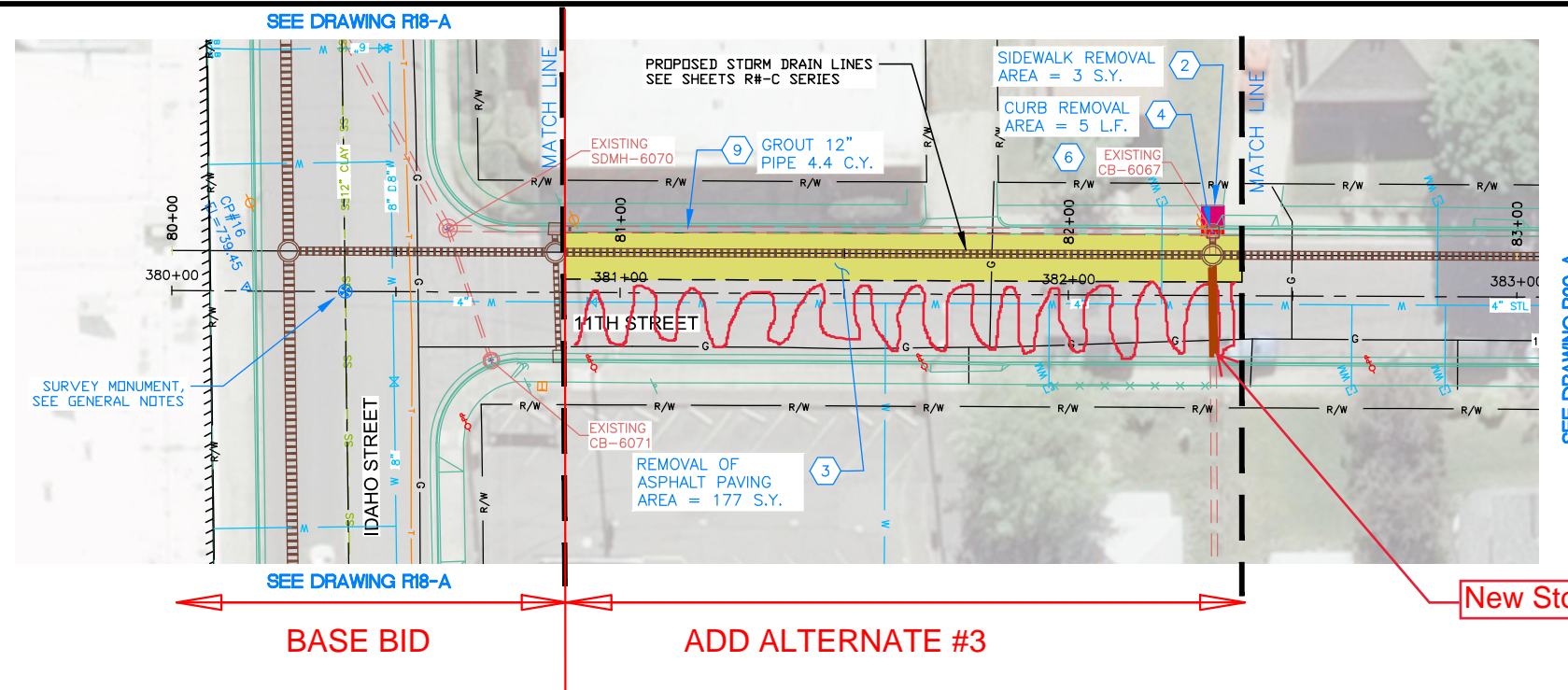
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 59 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R18-D



NOTES

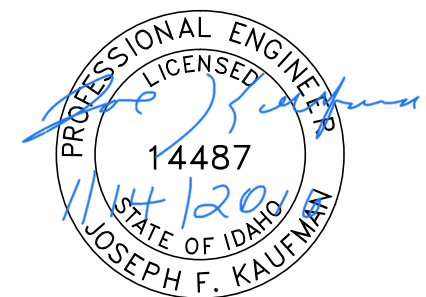
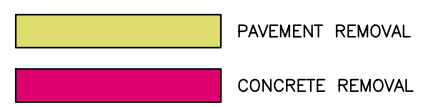
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SPECIAL NOTES

ADD ALTERNATE #3

PAY ITEMS

- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

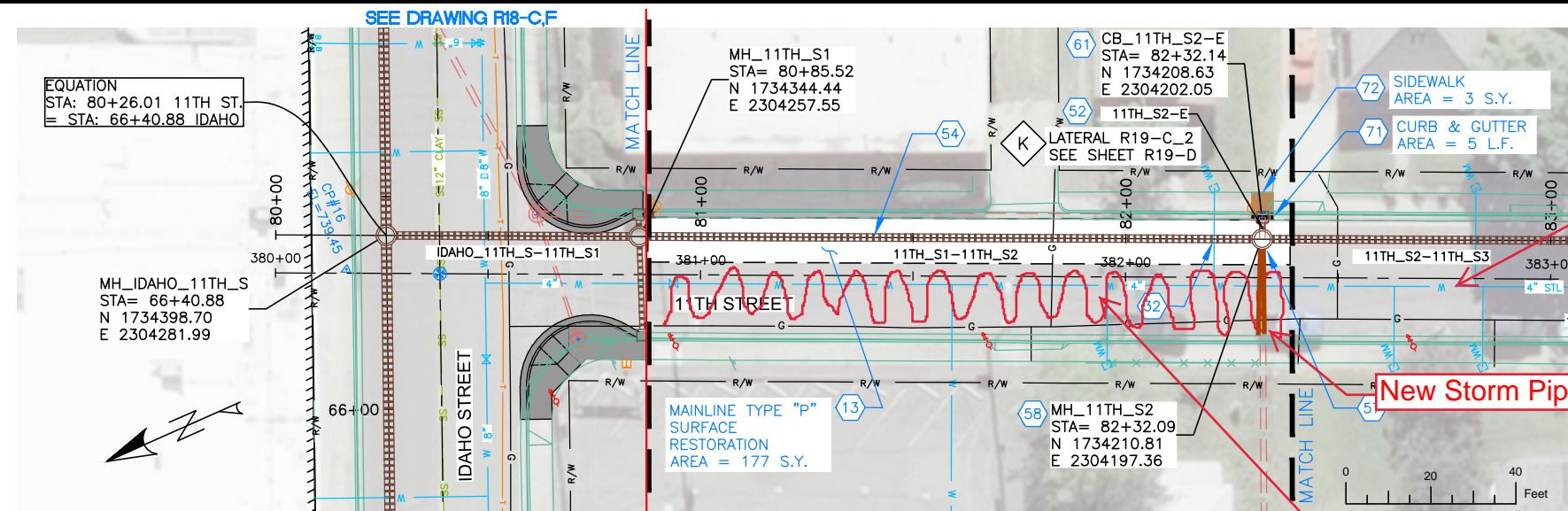
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

REMOVAL PLAN

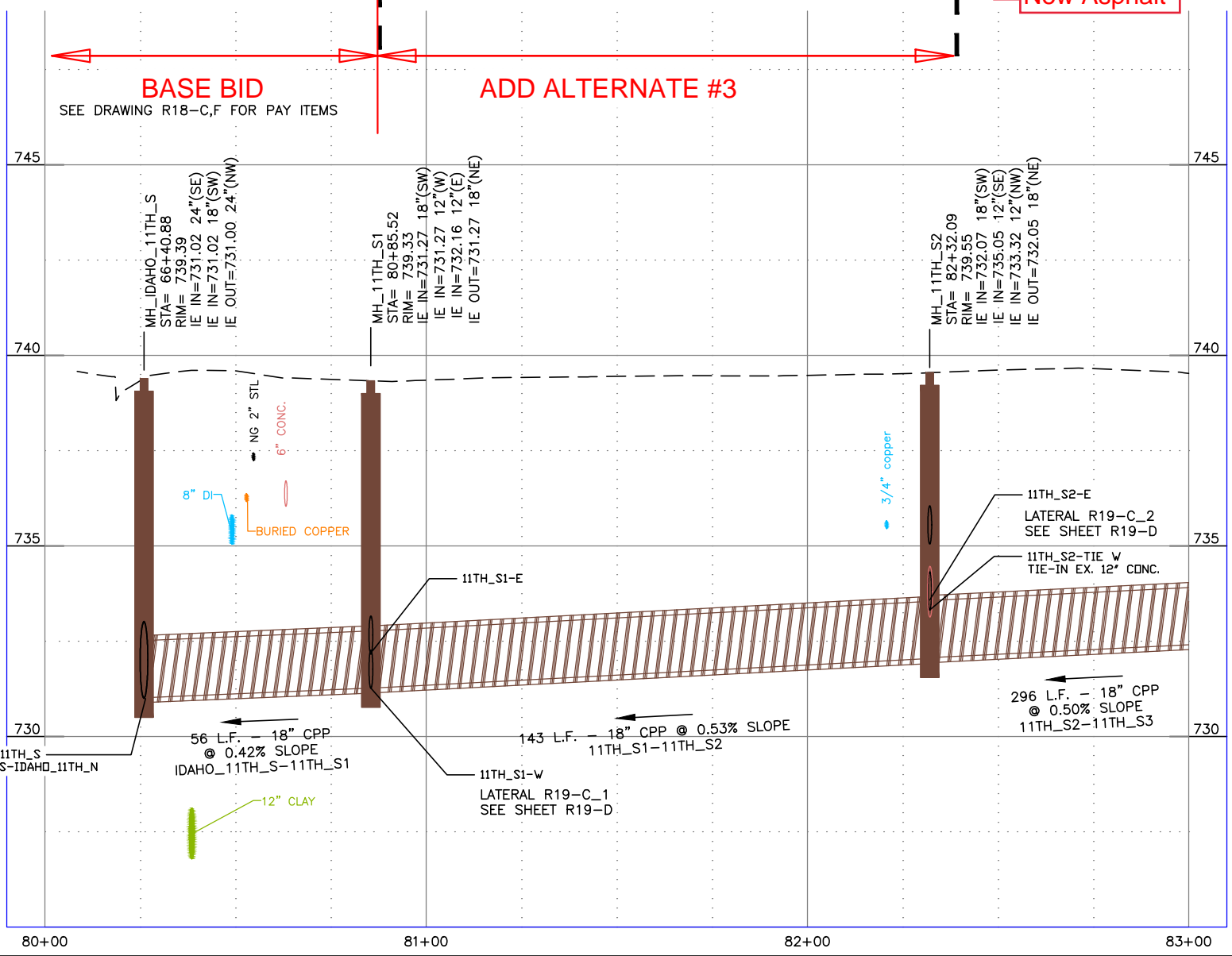
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 60 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R19-A



City Replaced Water Line

New Storm Pipe

New Asphalt



NOTES

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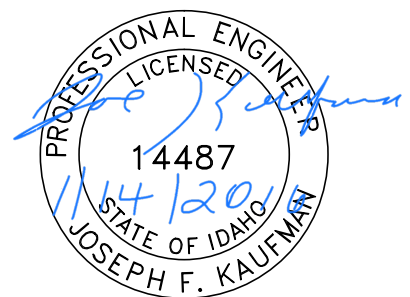
SPECIAL NOTES

K Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.

ADD ALTERNATE #3

PAY ITEMS

- 13** Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 32** Potable Water Lateral Crossing, Item SP-404B
- 52** 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 54** 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
- 57** Existing Storm Drain Connection, Item 601.4.1.C.1
- 58** Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61** Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 71** Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72** Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

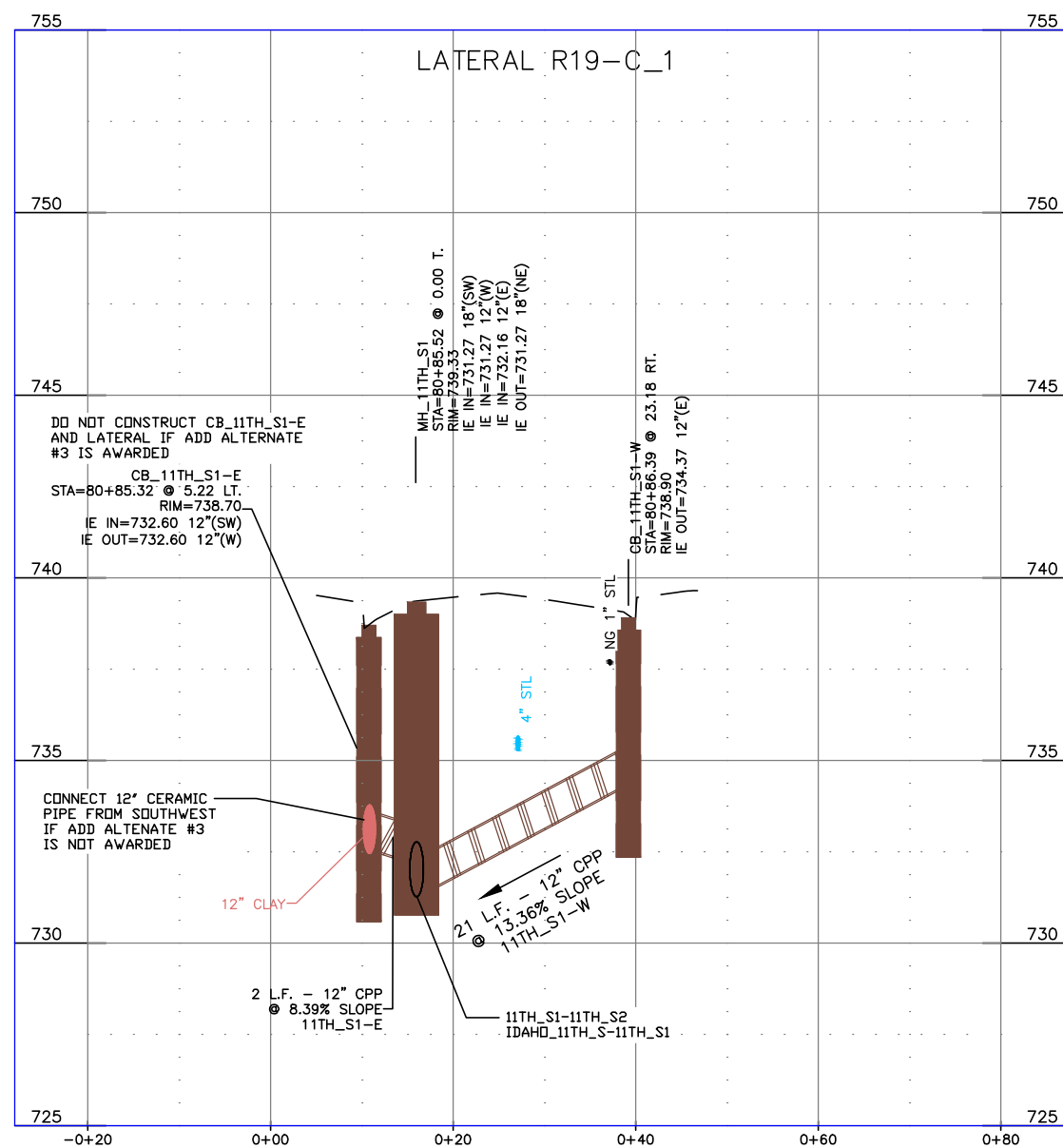
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



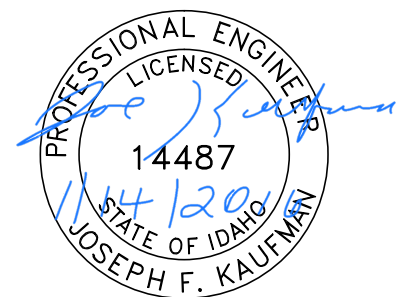
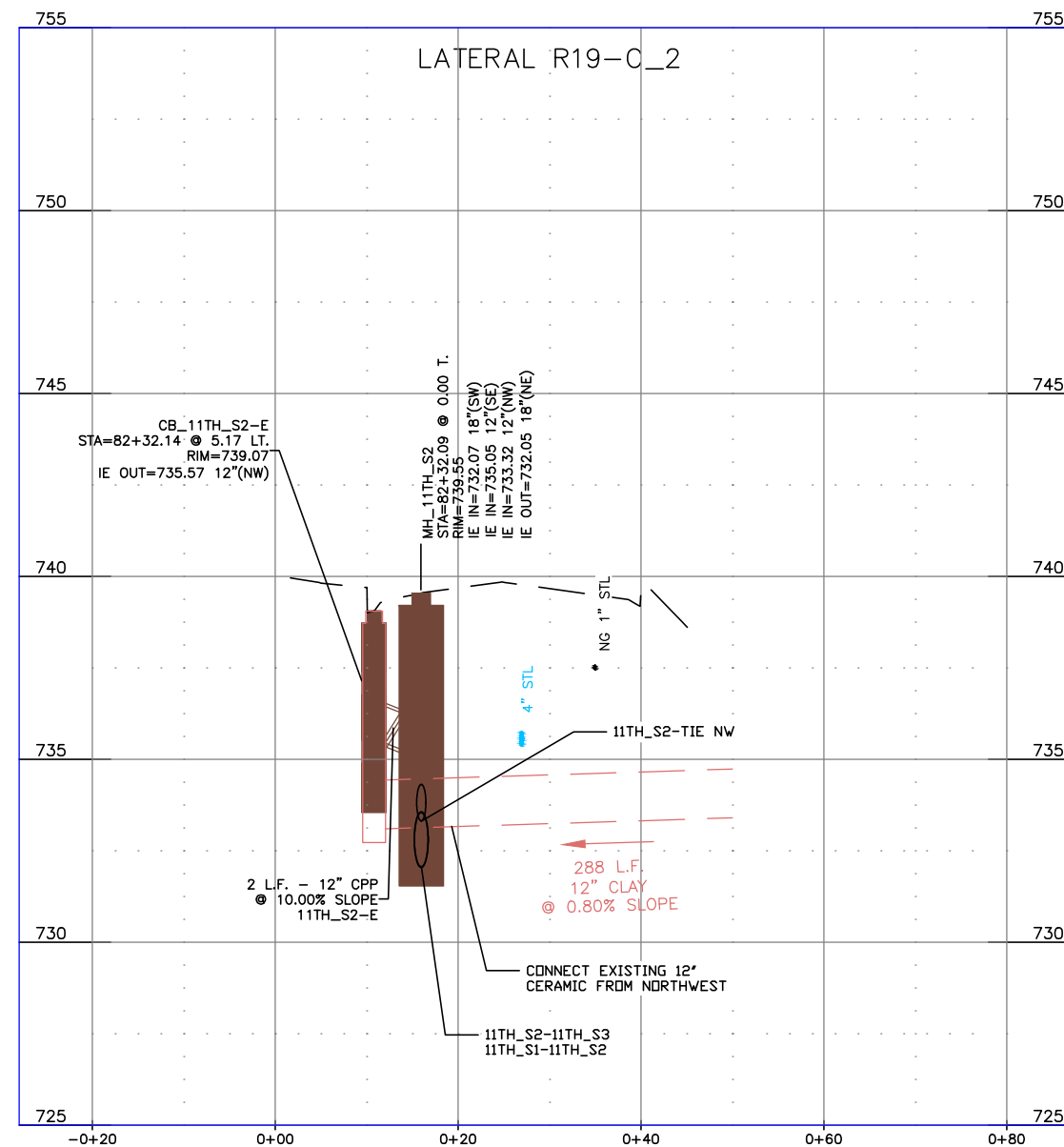
**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	61 of 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R19-C,F

BASE BID



ADD ALTERNATE #3



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

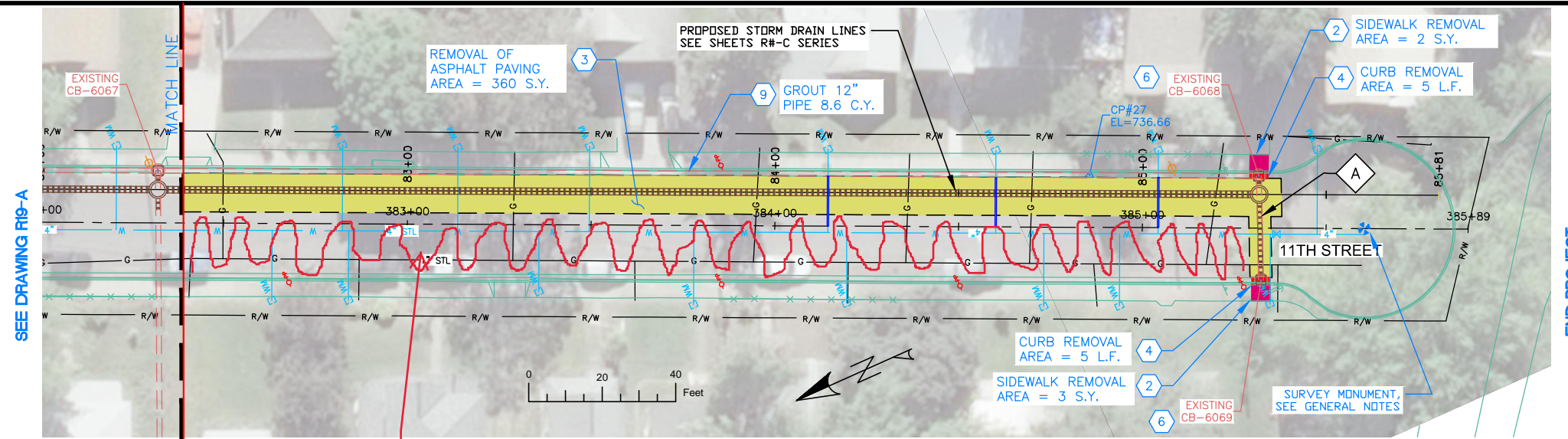
WARNING
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1/2" ON 11"x17" SHEET
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WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
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**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 62 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R19-D



Asphalt Removed

ADD ALTERNATE #3

NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

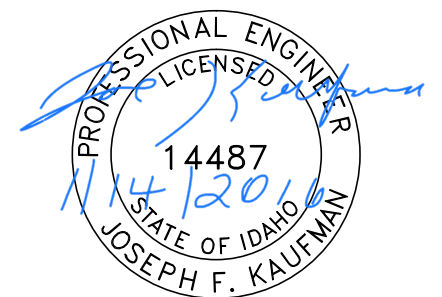
- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

ADD ALTERNATE #3

PAY ITEMS

- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C

- PAVEMENT REMOVAL
- CONCRETE REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

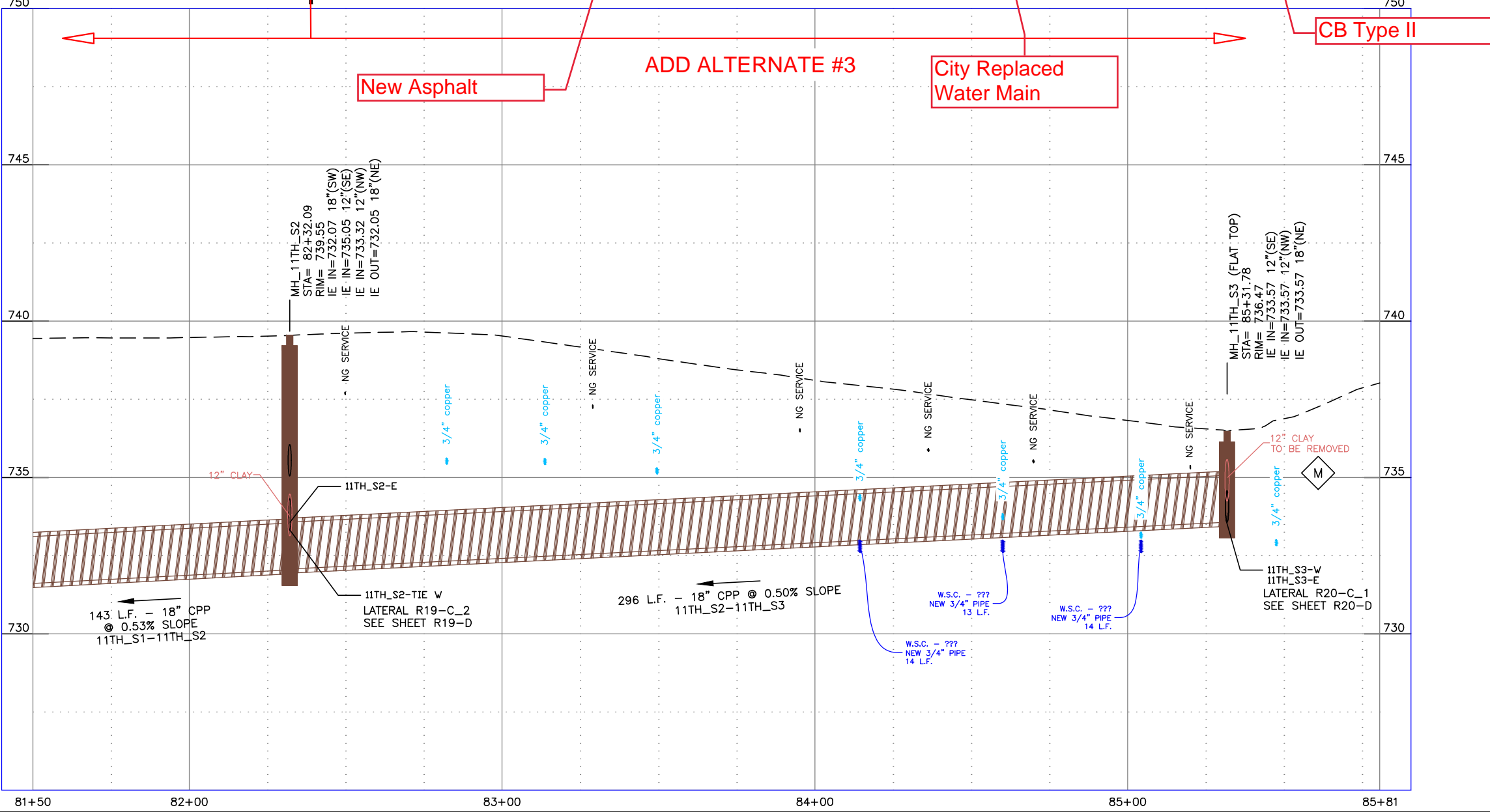
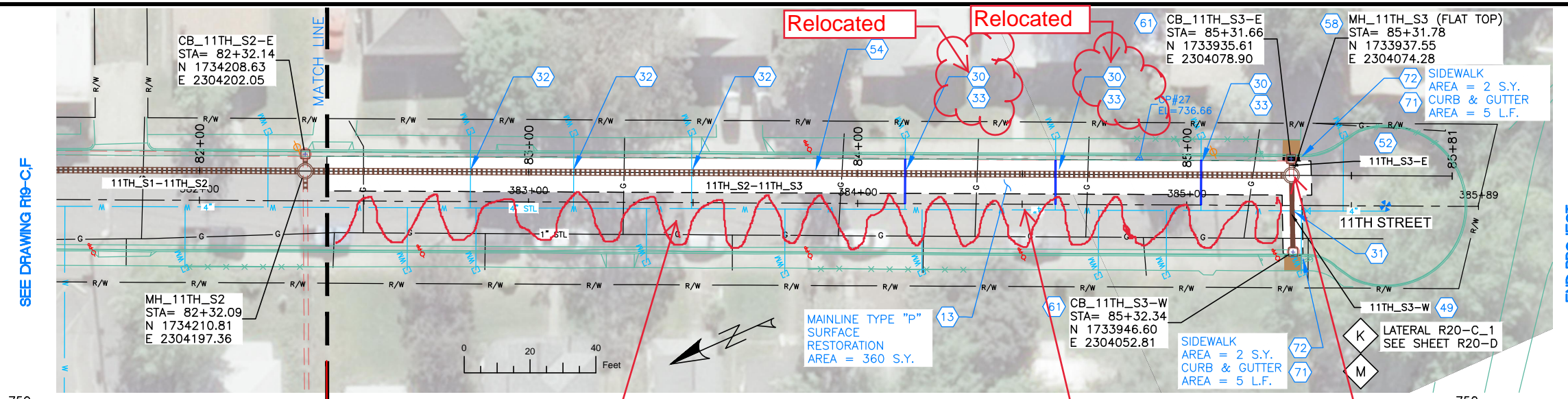
WARNING
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WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 63 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R20-A



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
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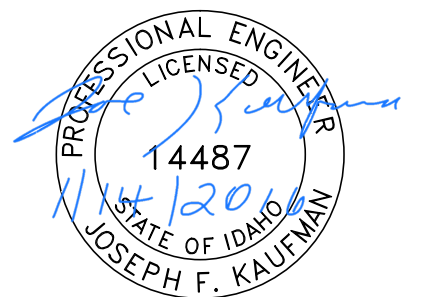
SPECIAL NOTES

- K** Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.
- M** Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.

ADD ALTERNATE #3

PAY ITEMS

- 13** Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 30** Connect to Existing Service Pipe, Size ____, Item 404.4.1.B.1
- 31** Potable Water Main Crossing, Item SP-404A
- 32** Potable Water Lateral Crossing, Item SP-404B
- 33** Water Service Pipe 3/4" or 1", Item 404.4.1.C.1A
- 49** 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5A
- 52** 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 54** 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
- 58** Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61** Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 71** Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72** Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

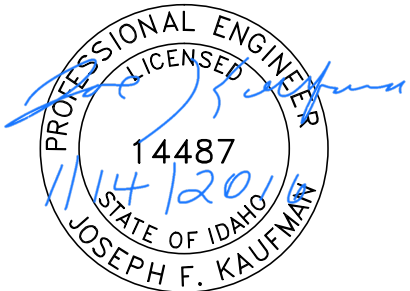
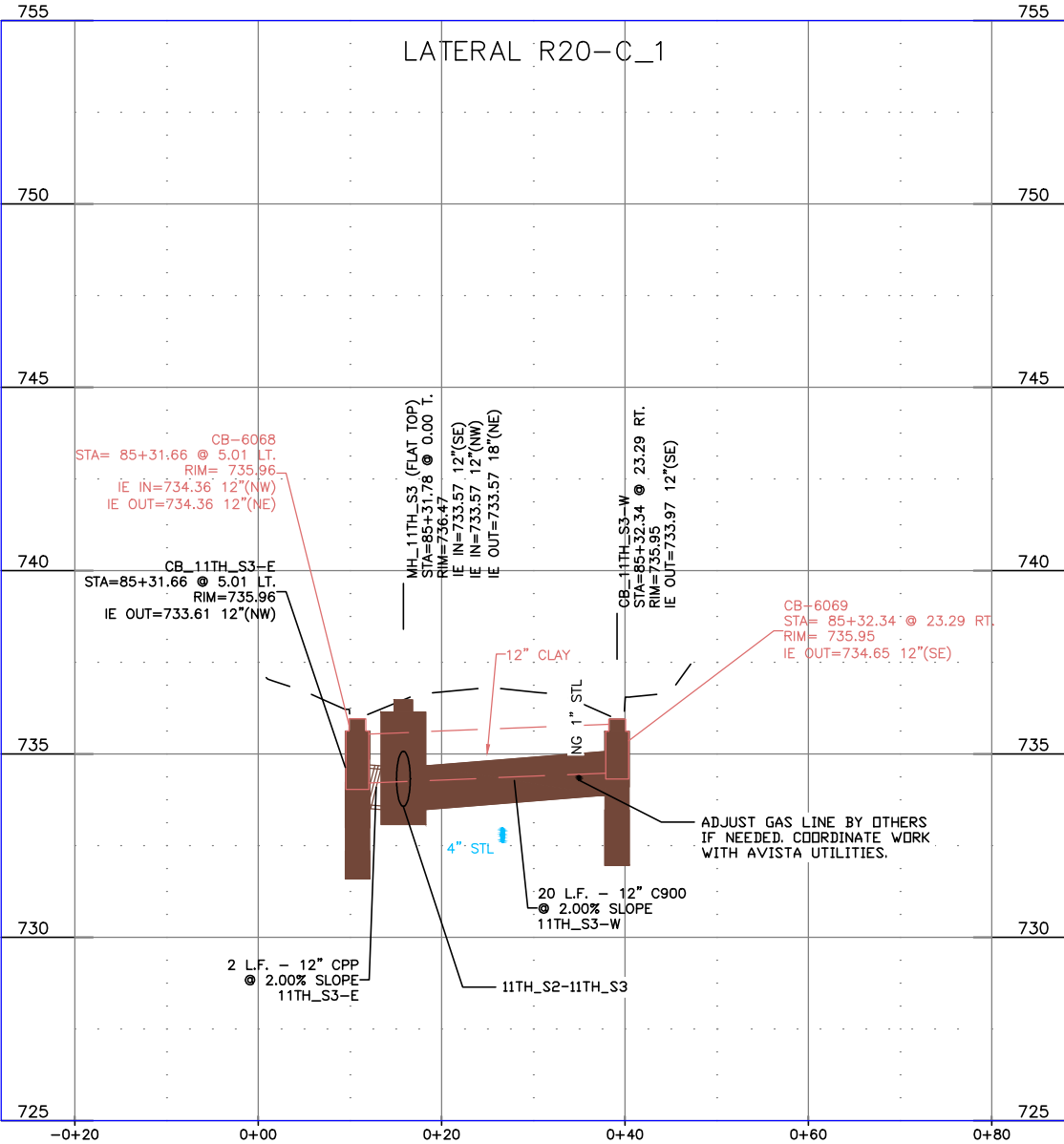
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	64 of 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R20-C,F

ADD ALTERNATE #3



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
AS SHOWN
VERTICAL
AS SHOWN

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN LATERAL PROFILES

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 65 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R20-D

NOTES

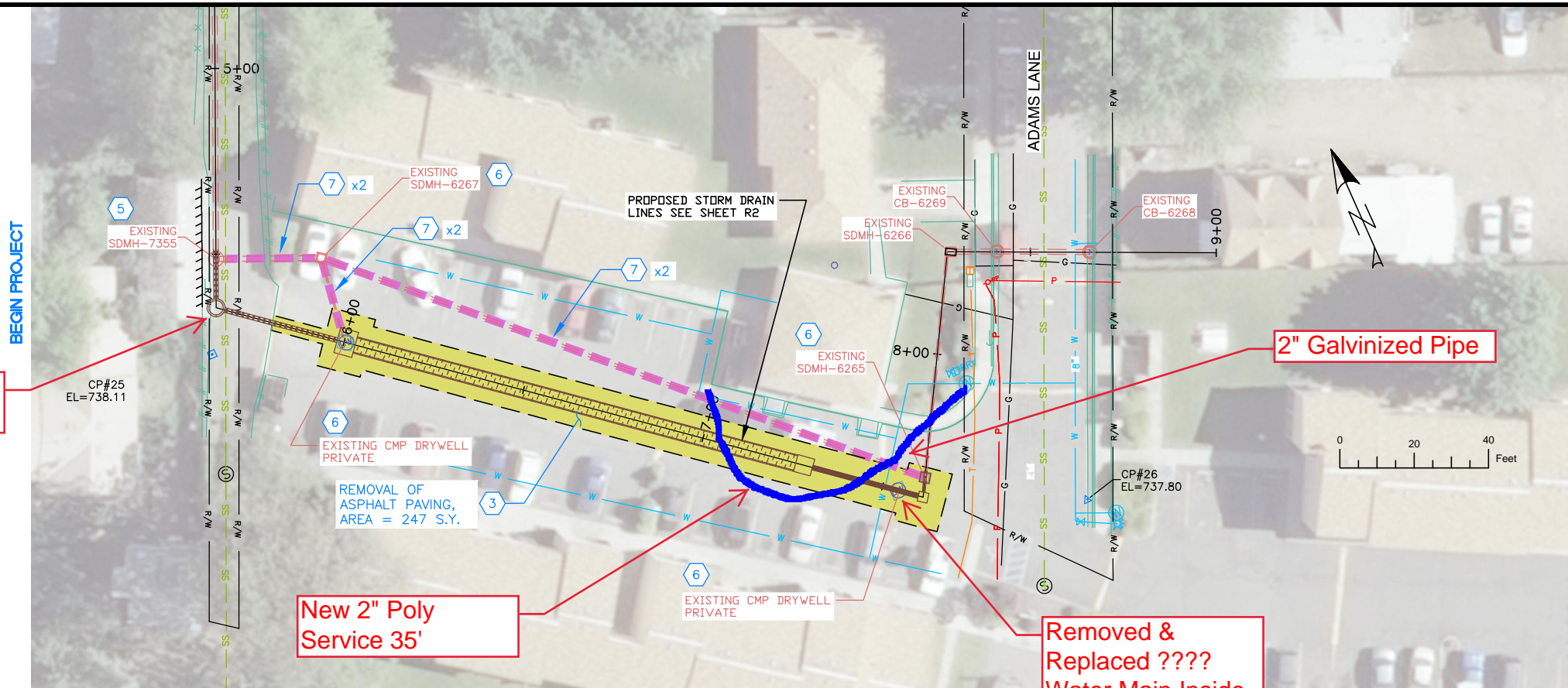
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

ADD ALTERNATE #5

PAY ITEMS

- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 5 Removal of Manhole, Item 201.4.1.F.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A



Extra MH Removed

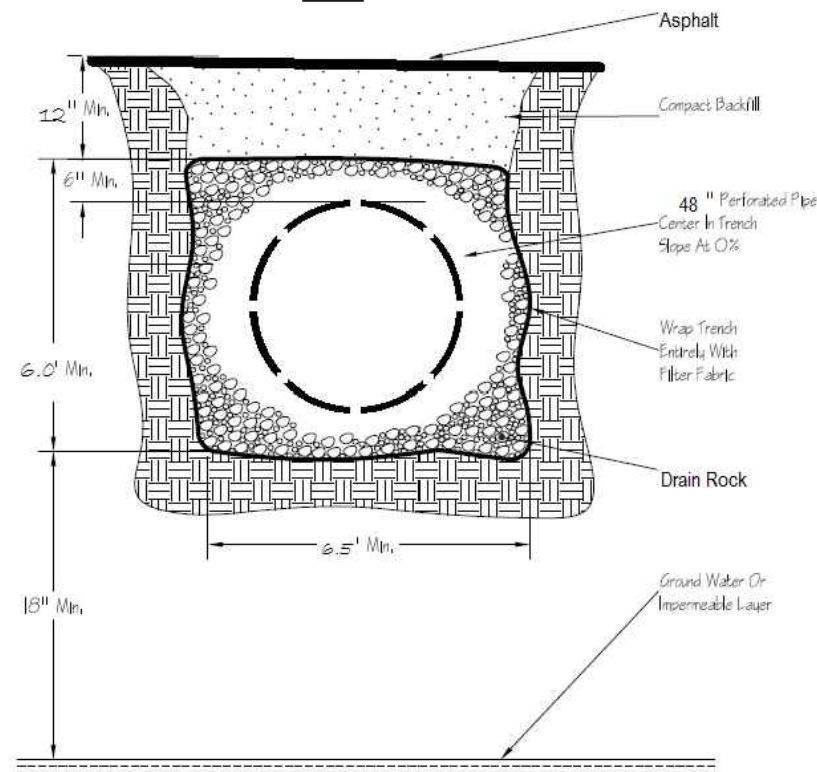
New 2" Poly Service 35'

Removed & Replaced ??? Water Main Inside Trench

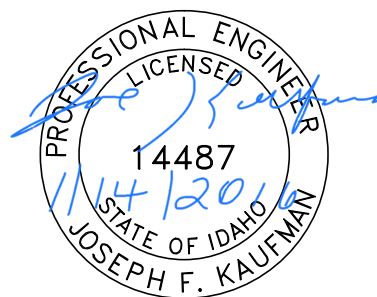
2" Galvanized Pipe

SPECIAL NOTE:
EXISTING SITE HAS A HIGH AMOUNT OF PEDESTRIAN TRAFFIC INCLUDING YOUNG CHILDREN. CONTRACTOR SHALL PAY SPECIAL ATTENTION TO KEEPING PEDESTRIANS AWAY FROM THE AREA DURING THE PROJECT AND SHALL HAVE TEMPORARY CHAIN LINK PANELS INSTALLED AT THE END OF THE DAY FOR ANY OPEN EXCAVATION.

PERFORATED PIPE TYPICAL SECTION
N.T.S.



PAVEMENT REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

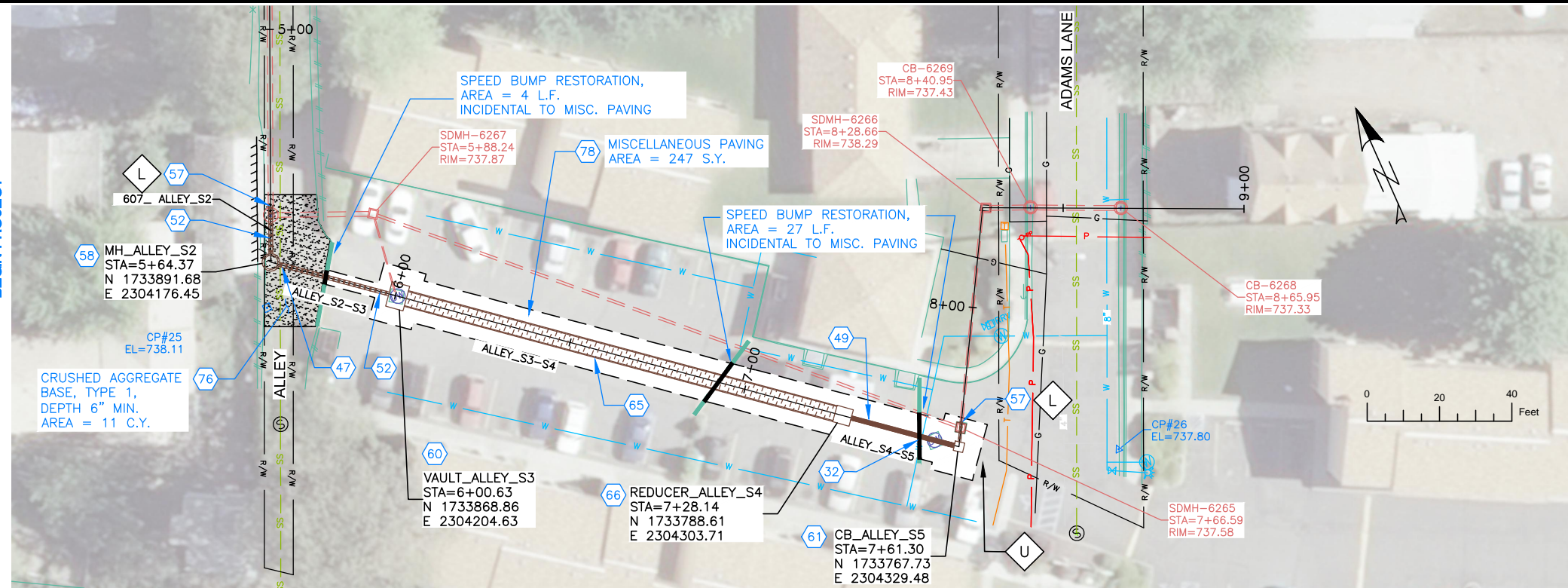
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 66 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R21-A



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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.

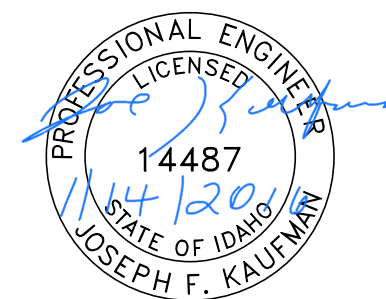
SPECIAL NOTES

- L Connect Existing Storm Drain to new inlet or manhole.
- U Reshape area to make Storm Drain Structure Inlet the New Low Point.

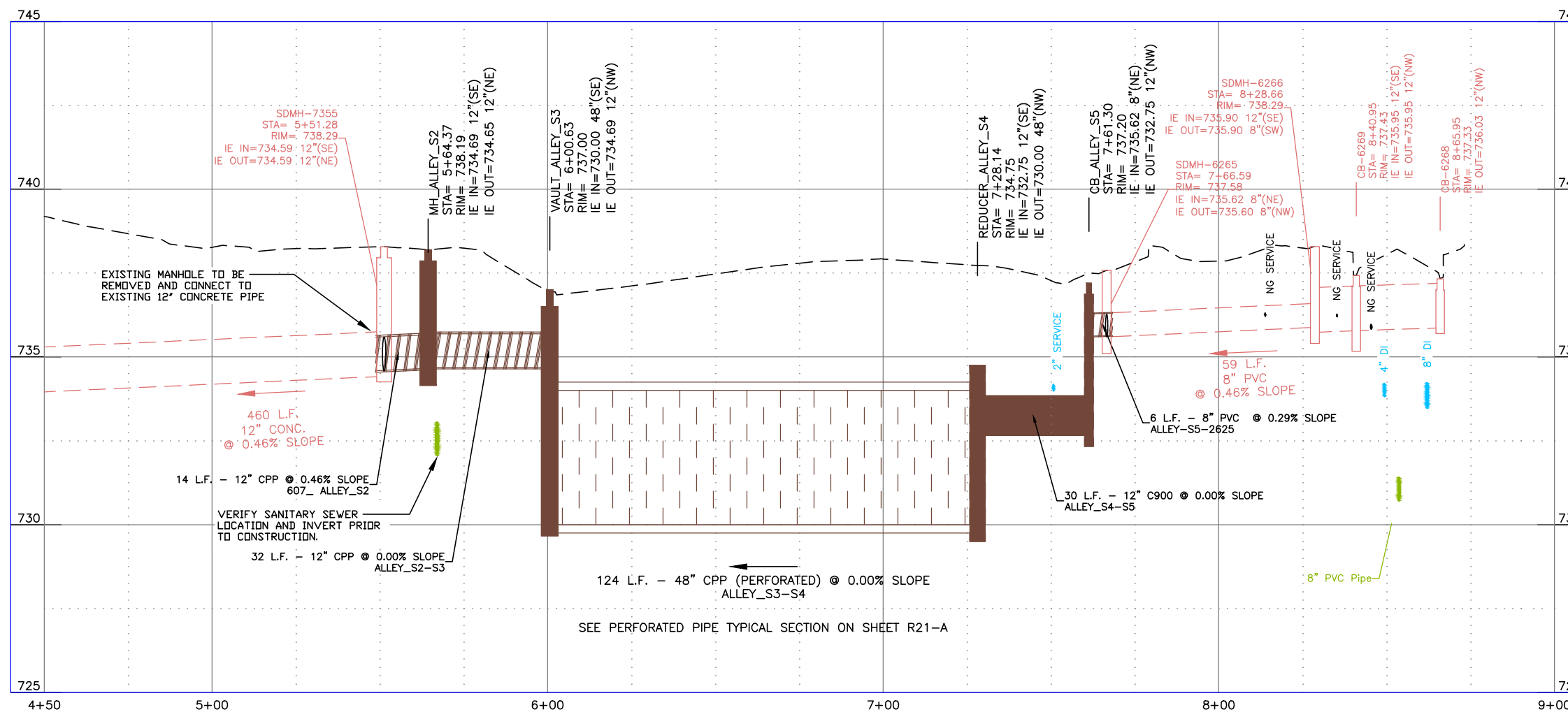
ADD ALTERNATE #5

PAY ITEMS

- 32 Potable Water Lateral Crossing, Item SP-404B
- 47 Sanitary Sewer Main Crossing, Item SP-507B
- 49 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.3A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 60 Special Inlet (4'x6'x6"-6" Conc. Vault with Grated Inlet), Item 602.4.1.S.1
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- Special Pipe (48" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP) Perforated provided by City of Lewiston), Item SP-604.4A
- 65 Special Fitting, 48" x 12" Dual Wall Fabricated Reducer, Corrugated Polyethylene (CPP), (Hancor 4874AN85B or equal), Item SP-604.4B
- 76 Crushed Aggregate for Base, Type 1, Item 802.4.1.A.1
- 78 Miscellaneous Paving, Item 810.4.4.A.5



BID DOCUMENTS



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE

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1" = 40'

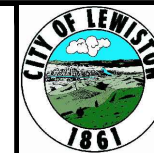
VERTICAL
1" = 4'

WARNING

0 1/2 1

THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595

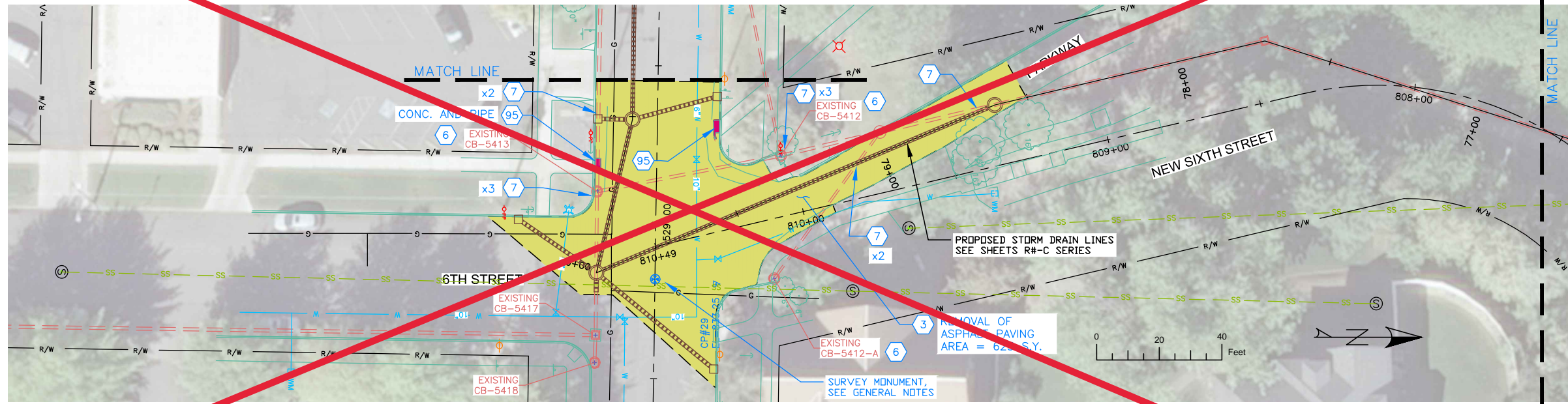


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

STORM DRAIN PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 67 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R21-C,F

SEE DRAWING R23-A



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

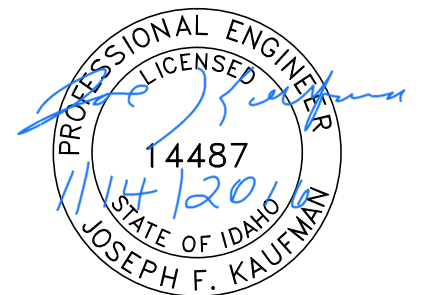
ADD ALTERNATE #4

PAY ITEMS

- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A
- 95 Removal of Obstruction, C.Y., Item 201.4.1.G.1

PAVEMENT REMOVAL
 CONCRETE REMOVAL

Did Not Do! Not Awarded!



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 40'
 VERTICAL
 1" = 4'

WARNING
 0 1/2 1
 THIS BAR MEASURES
 1/2" ON 11"x17" SHEET
 1" ON 22"x34" SHEET
 WHEN PLOTTED TO SCALE

CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON ID 83501
 208-746-1316
 FAX 208-746-5595



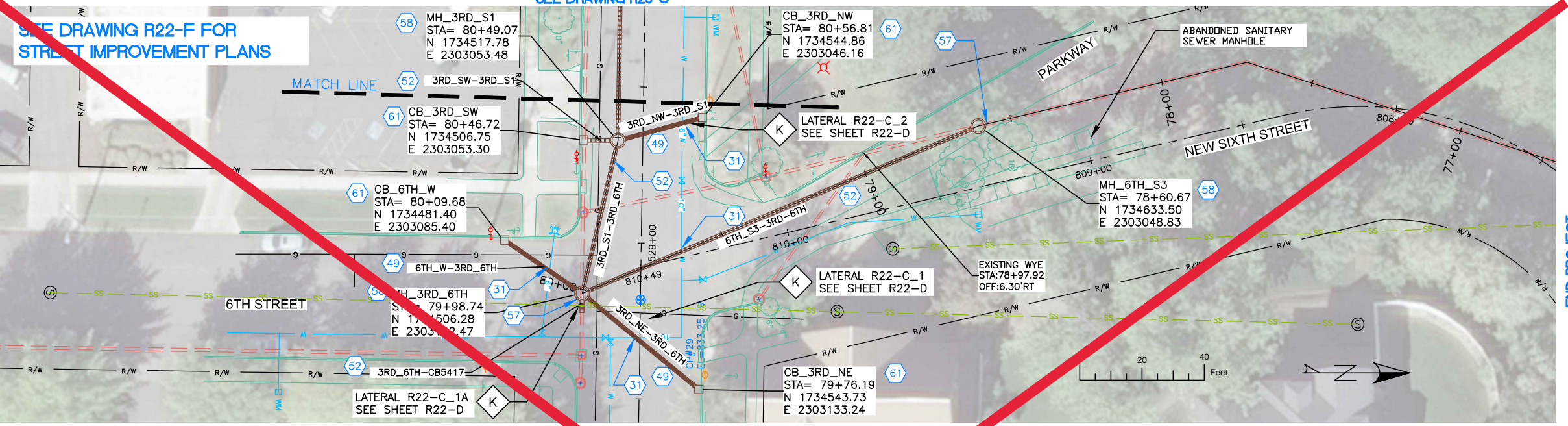
**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**

REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 68 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R22-A

SEE DRAWING R22-F FOR STREET IMPROVEMENT PLANS

SEE DRAWING R23-C



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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

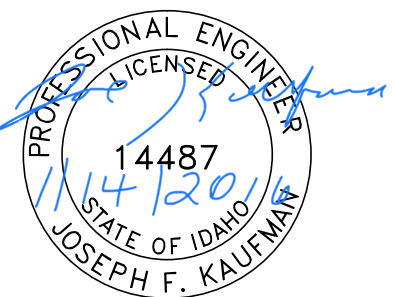
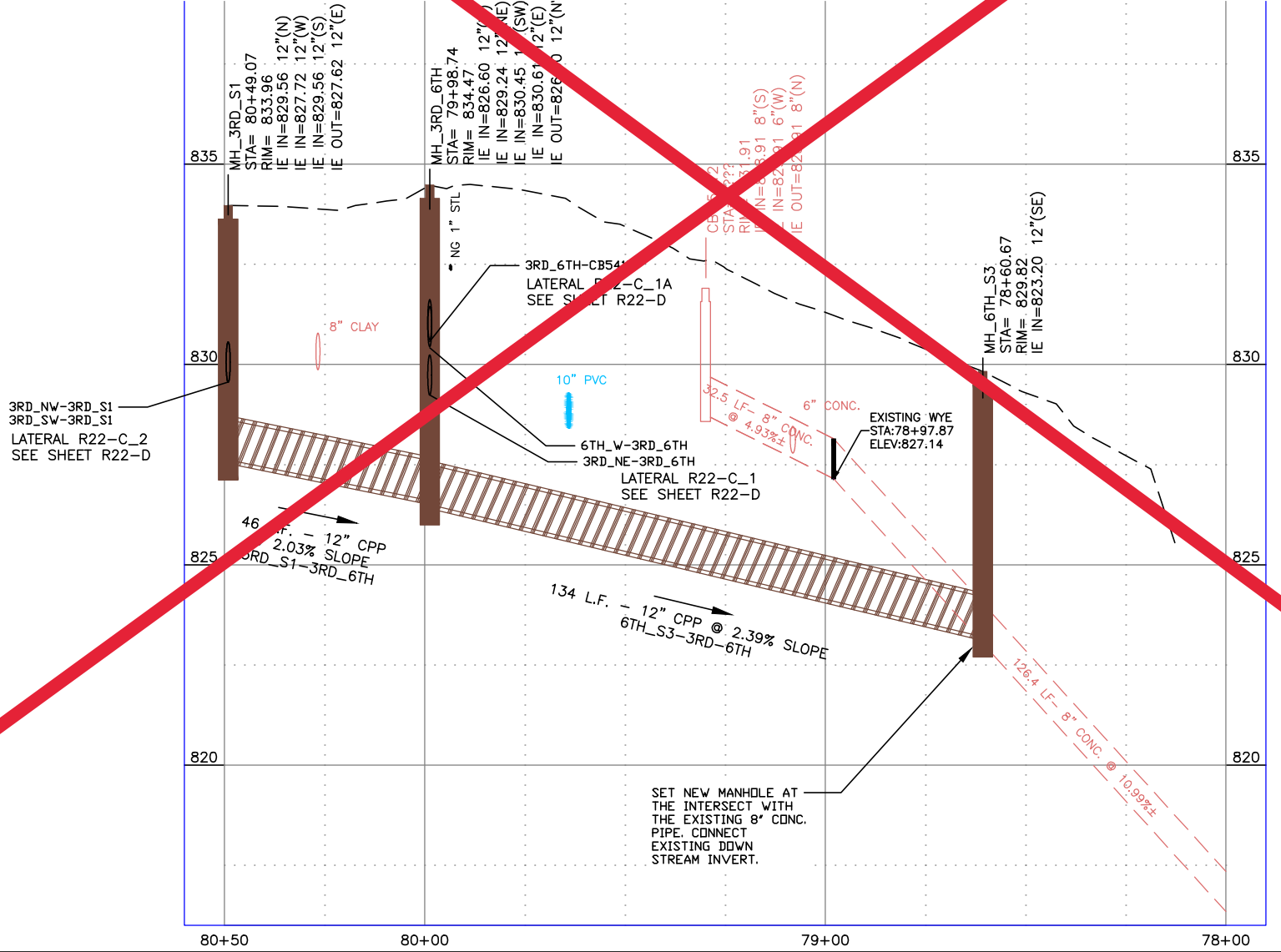
K Refer to Lateral Profile Sheets for the Pipe Lateral Elevations and Profiles.

ADD ALTERNATE #4

PAY ITEMS

- 31 Potable Water Main Crossing, Item SP-404A
- 49 12" Storm Drain Pipe, Class C900, PVC, Item 601.4.1.A.5A
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A

Not Awarded



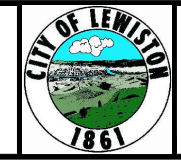
BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

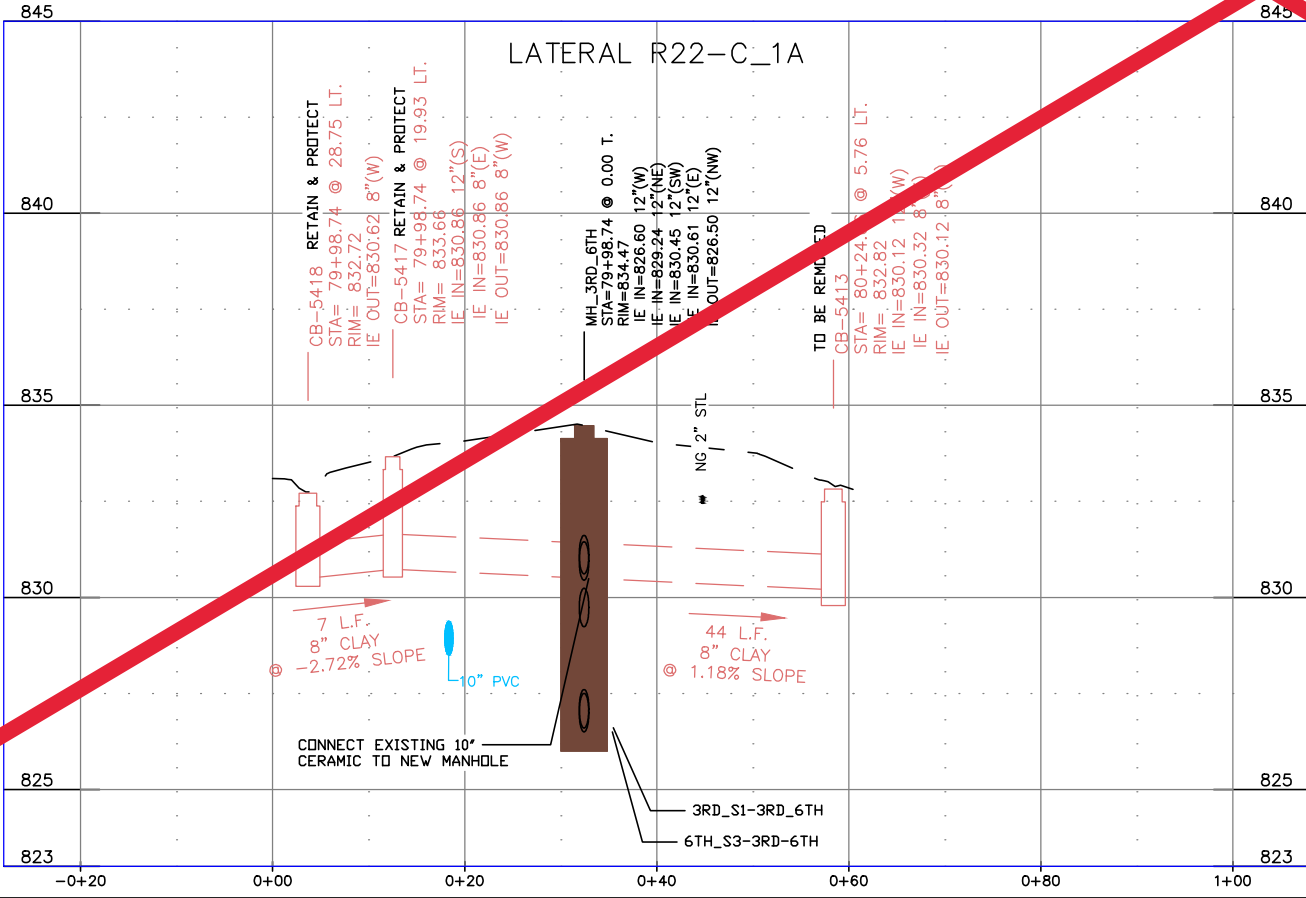
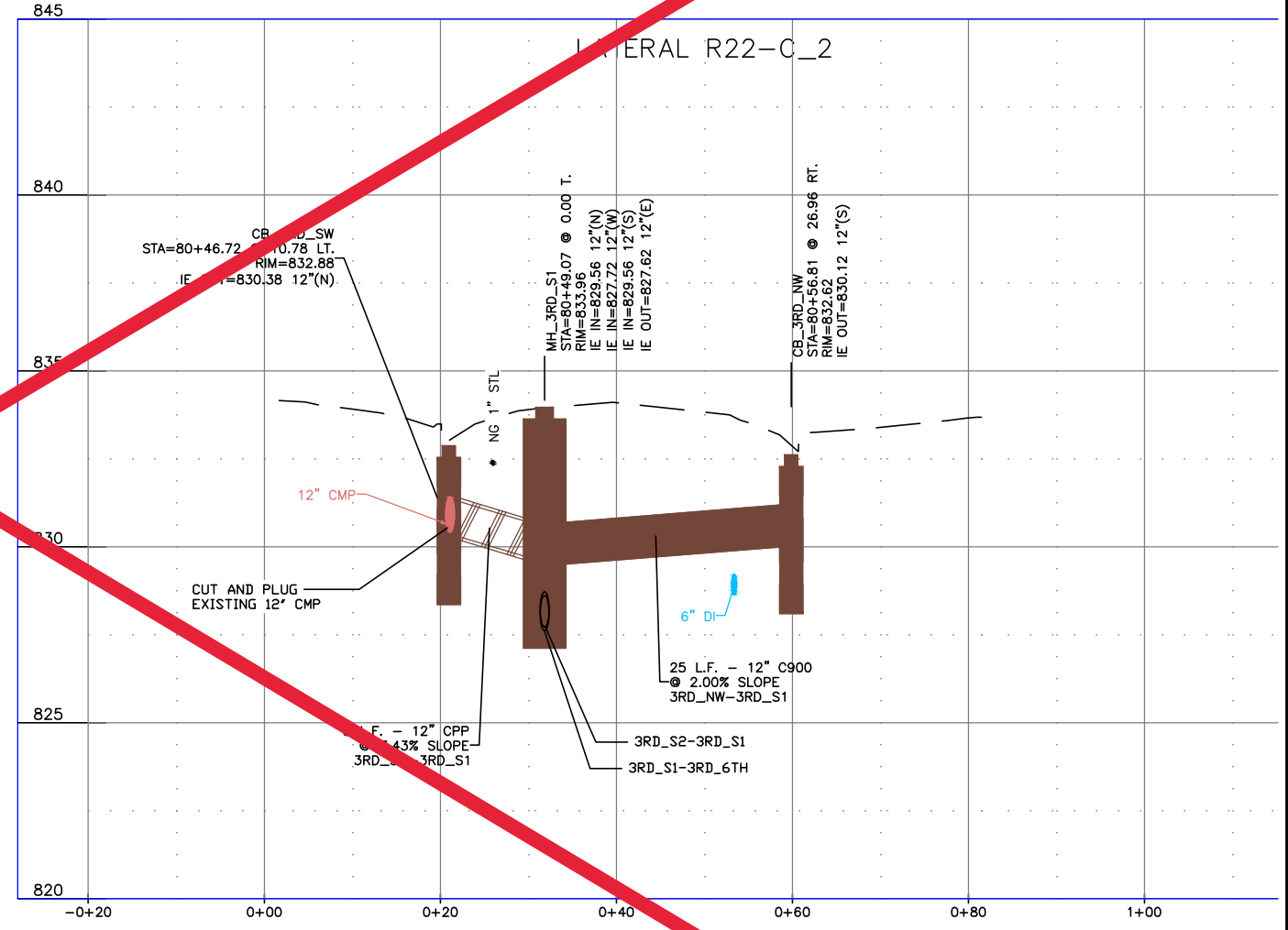
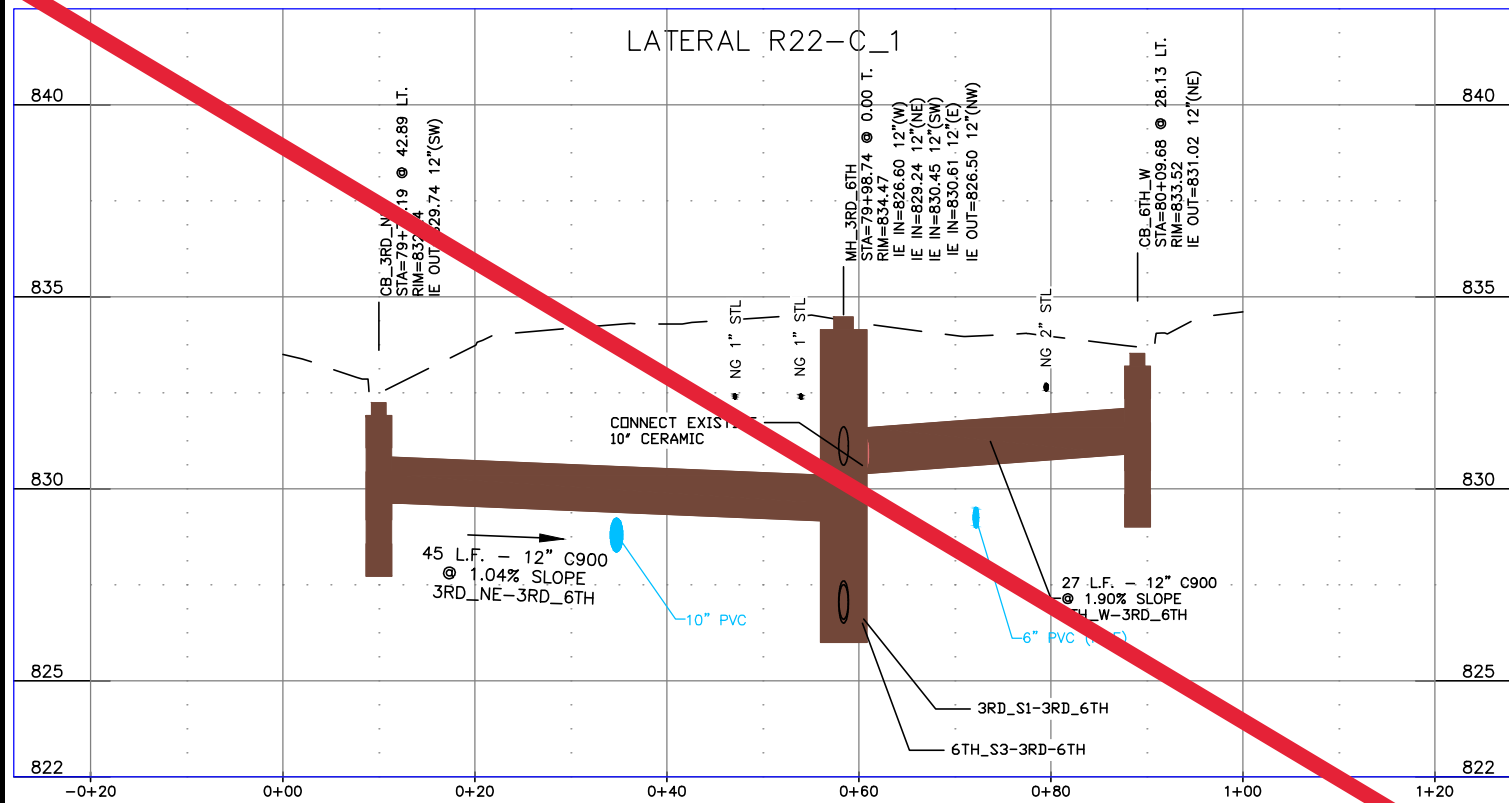
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



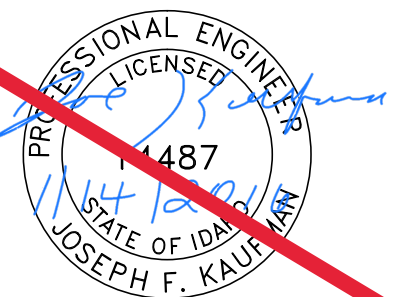
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STORM DRAIN PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	69 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R22-C

Not Awarded



ADD ALTERNATE #4



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL AS SHOWN
VERTICAL AS SHOWN

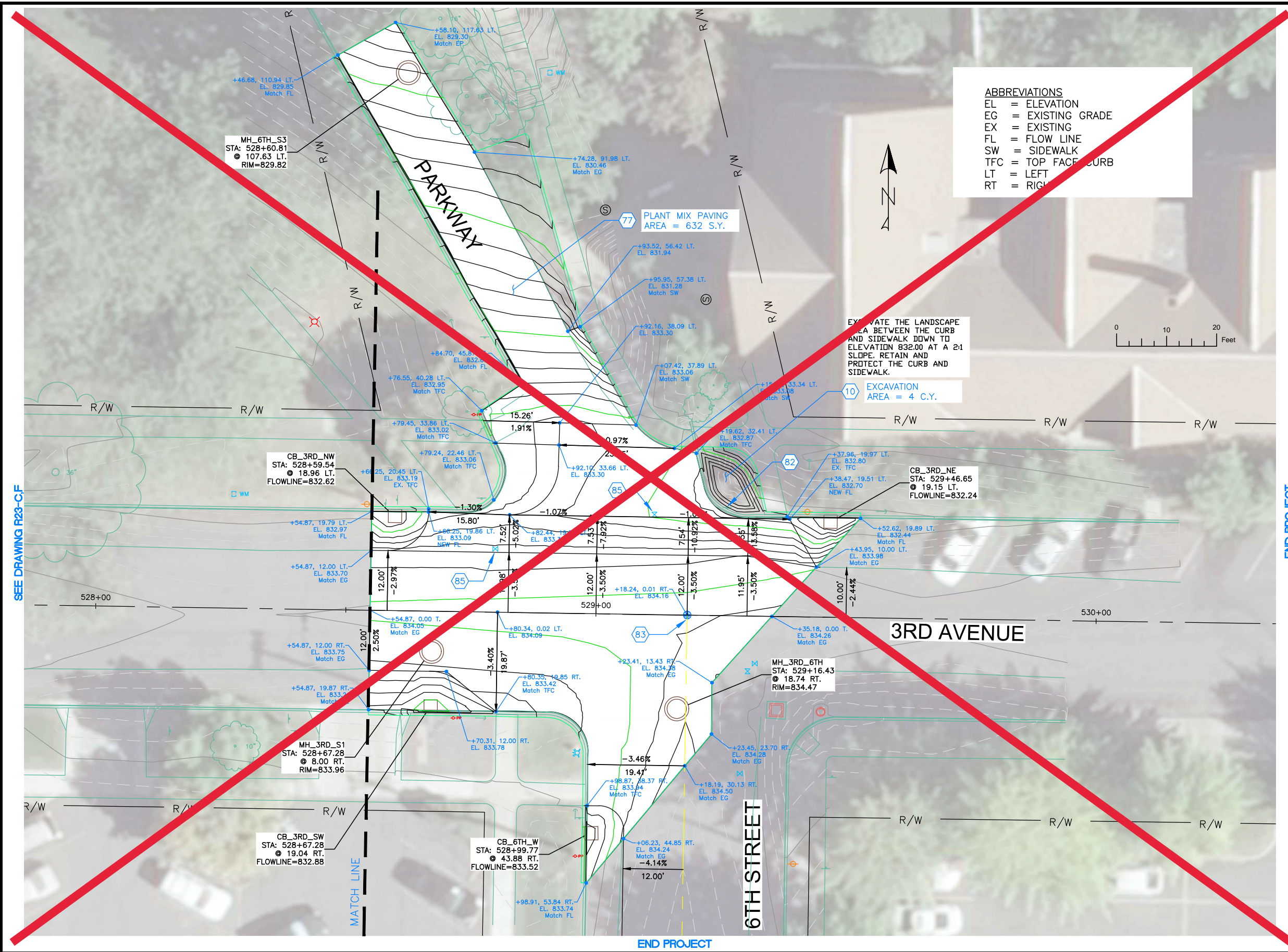
WARNING
0 1/2 1
THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
STORM DRAIN LATERAL PROFILES

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	70 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R22-D



ABBREVIATIONS
 EL = ELEVATION
 EG = EXISTING GRADE
 EX = EXISTING
 FL = FLOW LINE
 SW = SIDEWALK
 TFC = TOP FACE CURB
 LT = LEFT
 RT = RIGHT

NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

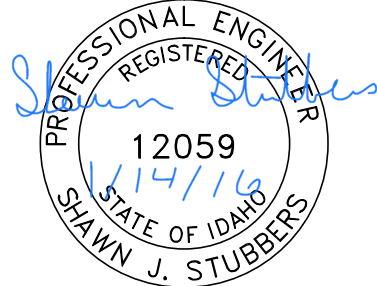
ADD ALTERNATE #4

PAY ITEMS

- 10 Excavation, Item 202.4.1.C.1
- 77 Plant Mix Pavement, Item 810.4.1.A.3
- 78 Miscellaneous Paving, Item 810.4.4.A.5
- 82 Remove and Reset Sign, Item SP-1105.A
- 83 Reference and Reset Monument, Item 2020.4.1.F.1
- 85 Valve Box, Adjust to Grade, Item 2030.4.1.C.1

Not Awarded

- MISCELLANEOUS CONCRETE
- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 20'
 VERTICAL
 NA

WARNING

 THIS BAR MEASURES
 1/2" ON 11"x17" SHEET
 1" ON 22"x34" SHEET
 WHEN PLOTTED TO SCALE

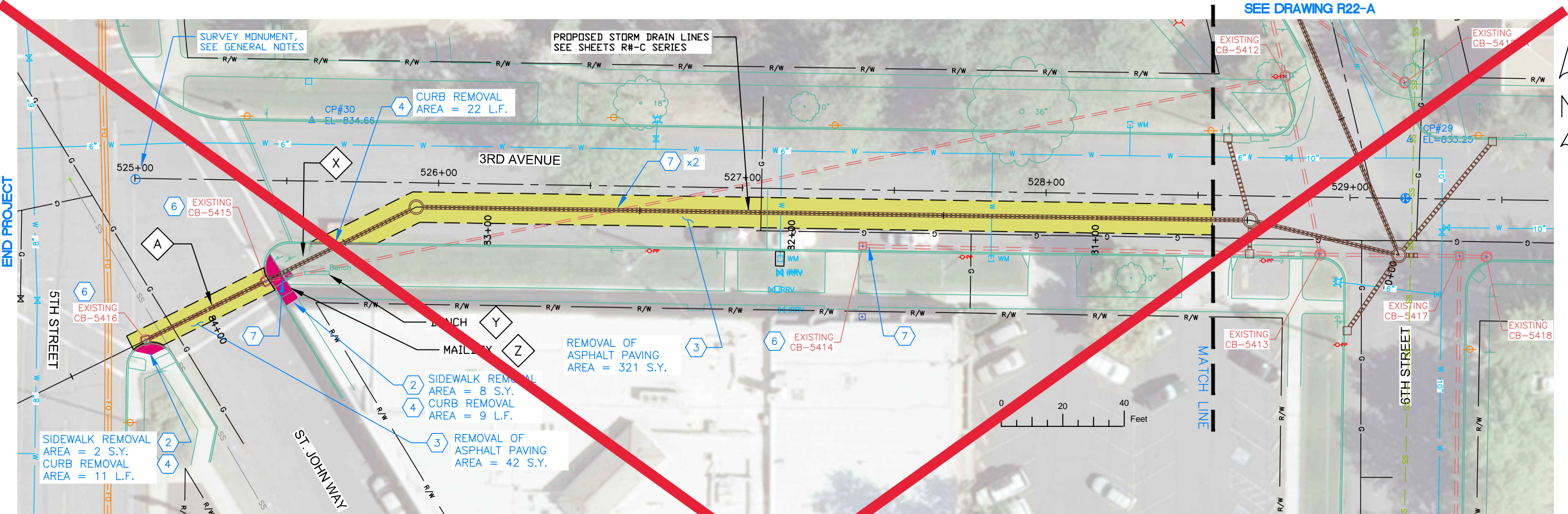
CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON ID 83501
 208-746-1316
 FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**

STREET IMPROVEMENT PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 71 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R22-F



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- X Removal and Replacement of landscaping. Incidental to the new components and no separate payment will be made.
- Y Removal and replacement of bench. Incidental to the new components and no separate payment will be made.
- Z Coordinate removal and replacement of Mailbox with the U.S. Postal Service. Incidental to the new components and no separate payment will be made.

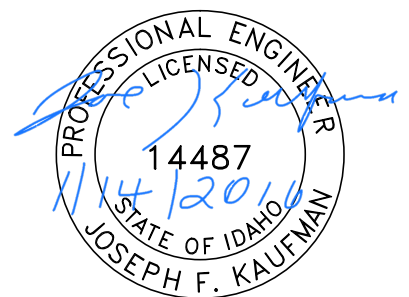
ADD ALTERNATE #4

PAY ITEMS

- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 7 Abandon Pipe In Place, (Plug End), Item SP-201.A

PAVEMENT REMOVAL
 CONCRETE REMOVAL

Not Awarded



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
 HORIZONTAL
 1" = 40'
 VERTICAL
 1" = 4'

WARNING
 0 1/2 1
 THIS BAR MEASURES
 1/2" ON 11"x17" SHEET
 1" ON 22"x34" SHEET
 WHEN PLOTTED TO SCALE

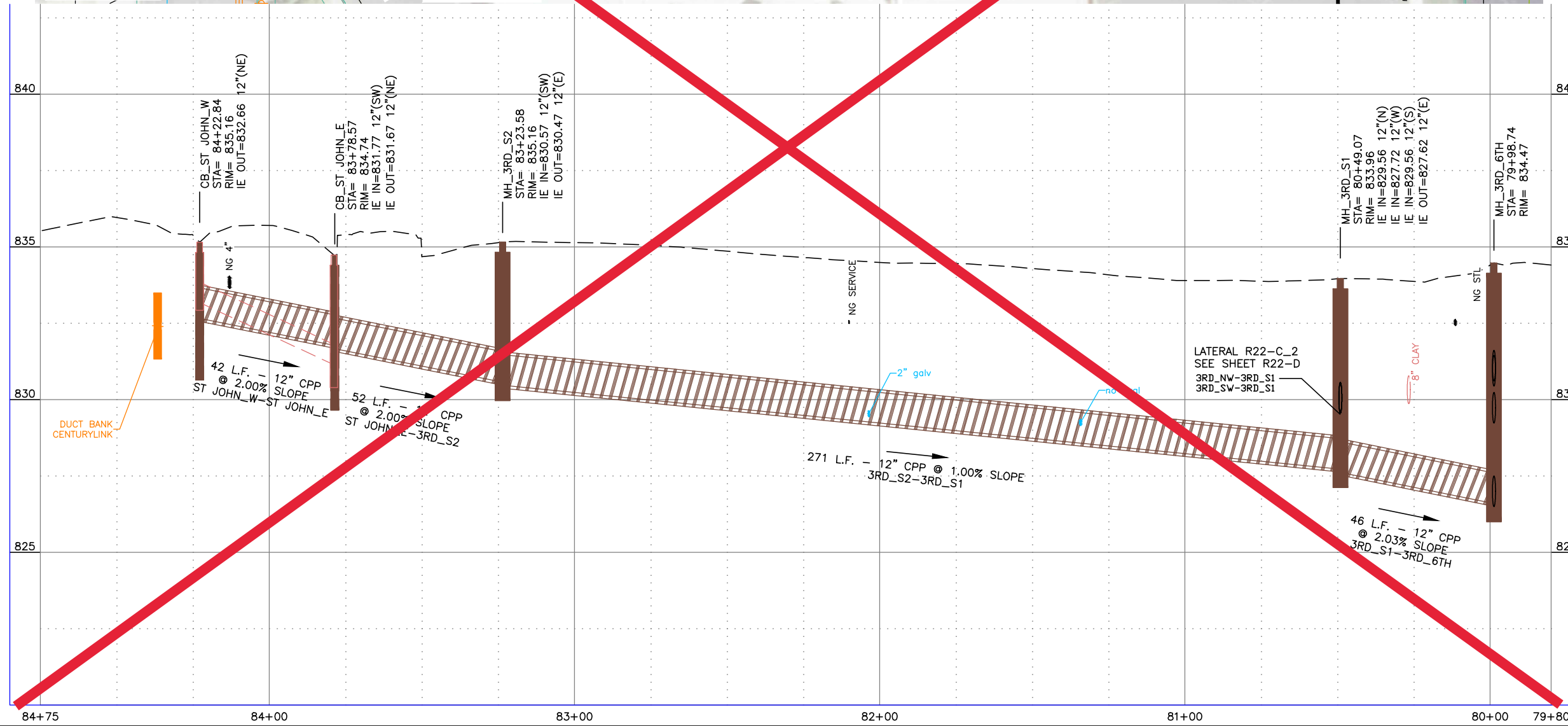
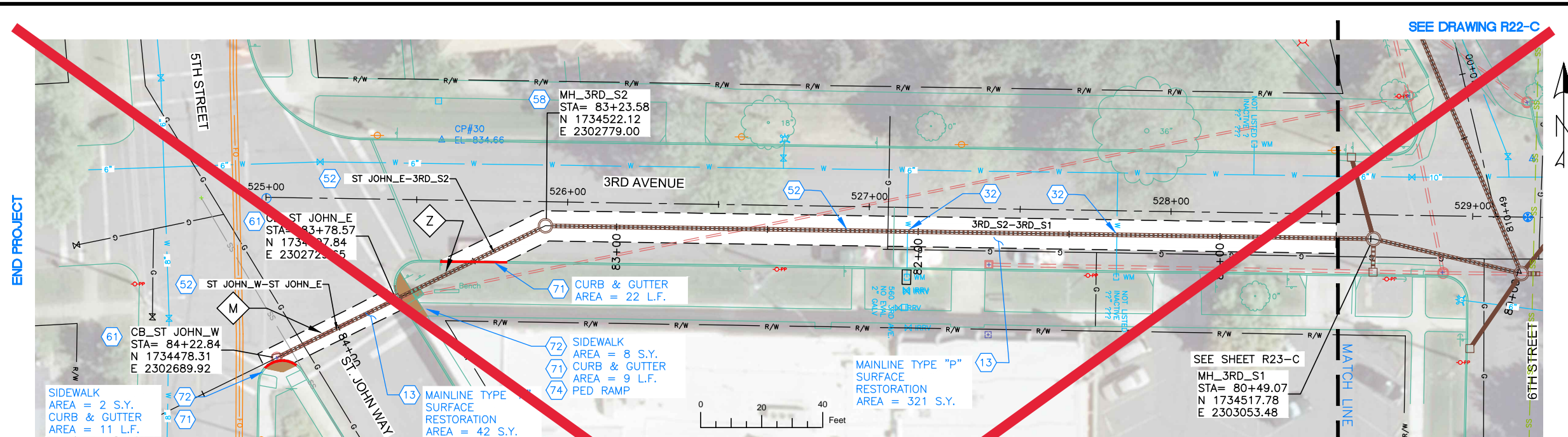


CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON ID 83501
 208-746-1316
 FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
 AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 72 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R23-A



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. 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

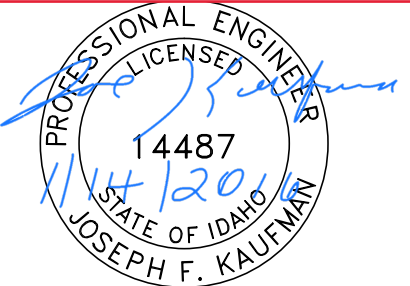
- M Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- Z Remove and Replace Landscaping. Work is incidental to the new components and no separate payment will be made.

ADD ALTERNATE #4

PAY ITEMS

- 13 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 32 Potable Water Lateral Crossing, Item SP-404B
- 52 12" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17A
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 61 Catch Basin - City of Lewiston Std (Type 1), Item 602.4.1.F.1A
- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalk, Thickness 4", Item 706.4.1.E.1
- 74 Pedestrian Ramp with Detectable Warning Domes, Item 706.4.1.H.1

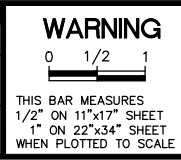
Not Awarded



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'



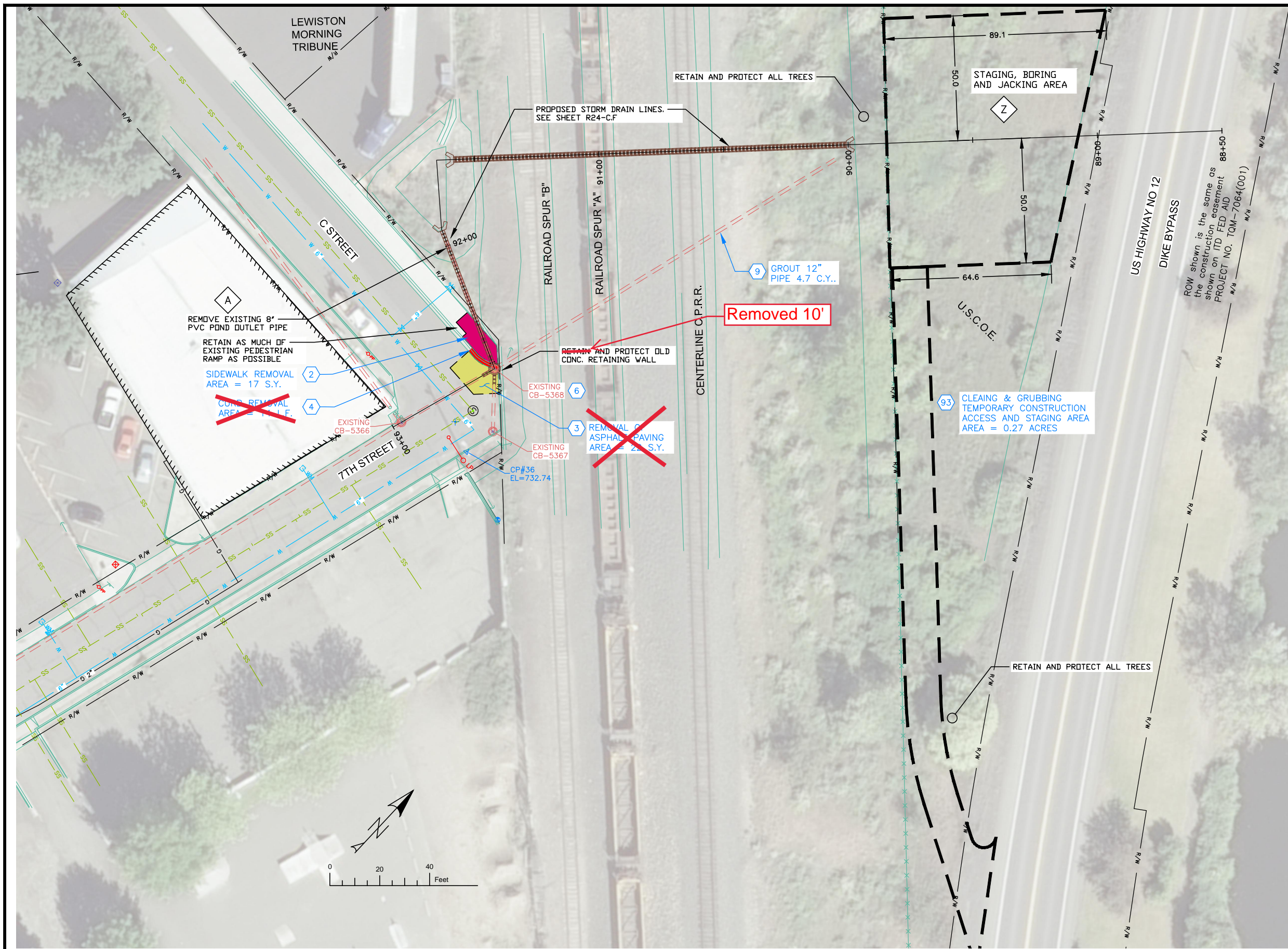
WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 73 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R23-C,F



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

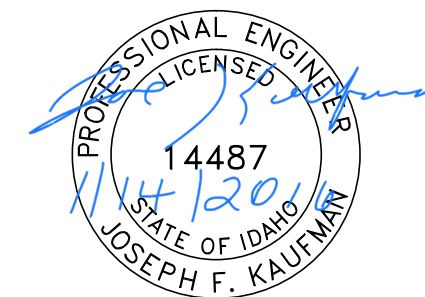
- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- Z Retain and Protect as much vegetation as possible to limit the construction impact on this area.

ADD ALTERNATE #1

PAY ITEMS

- 2 Removal of Sidewalk, Item 201.4.1.D.1A
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1
- 6 Removal of Catch Basin, Item 201.4.1.F.2
- 9 Abandon Pipe In Place, (Grout Fill), Item SP-201.C
- 93 Clearing and Grubbing, Item 201.4.1.B.1

- PAVEMENT REMOVAL
- CONCRETE REMOVAL



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

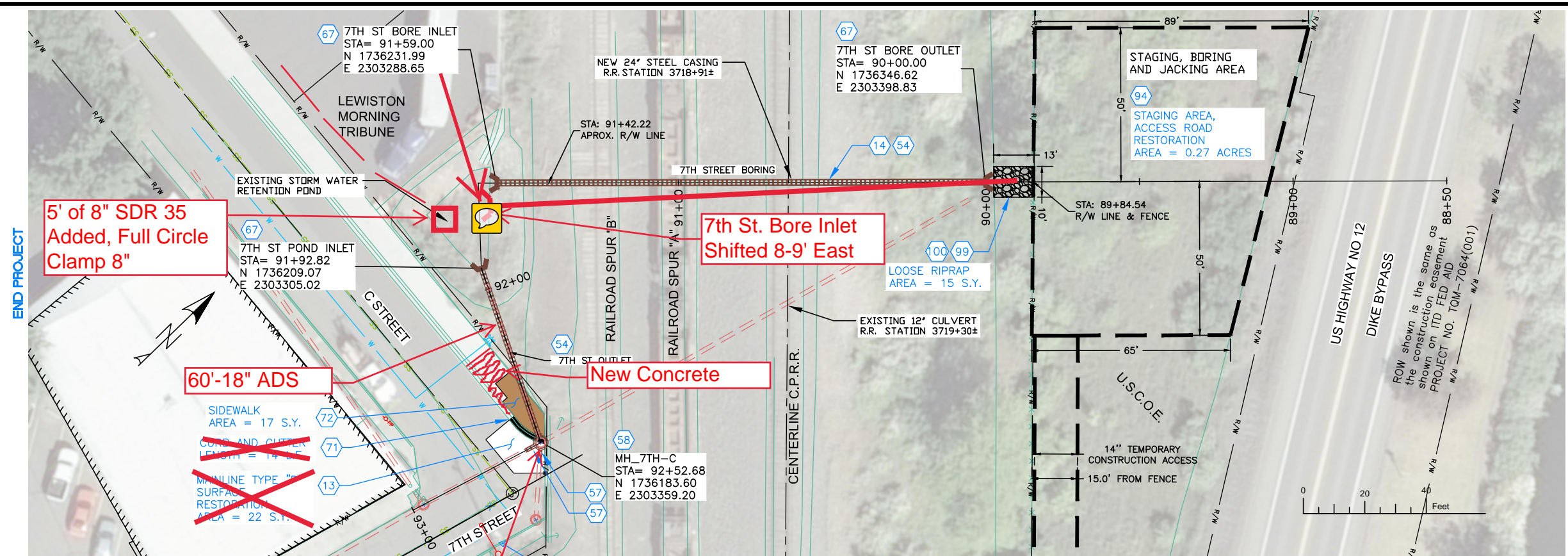


CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
REMOVAL PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 74 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R24-A



NOTES

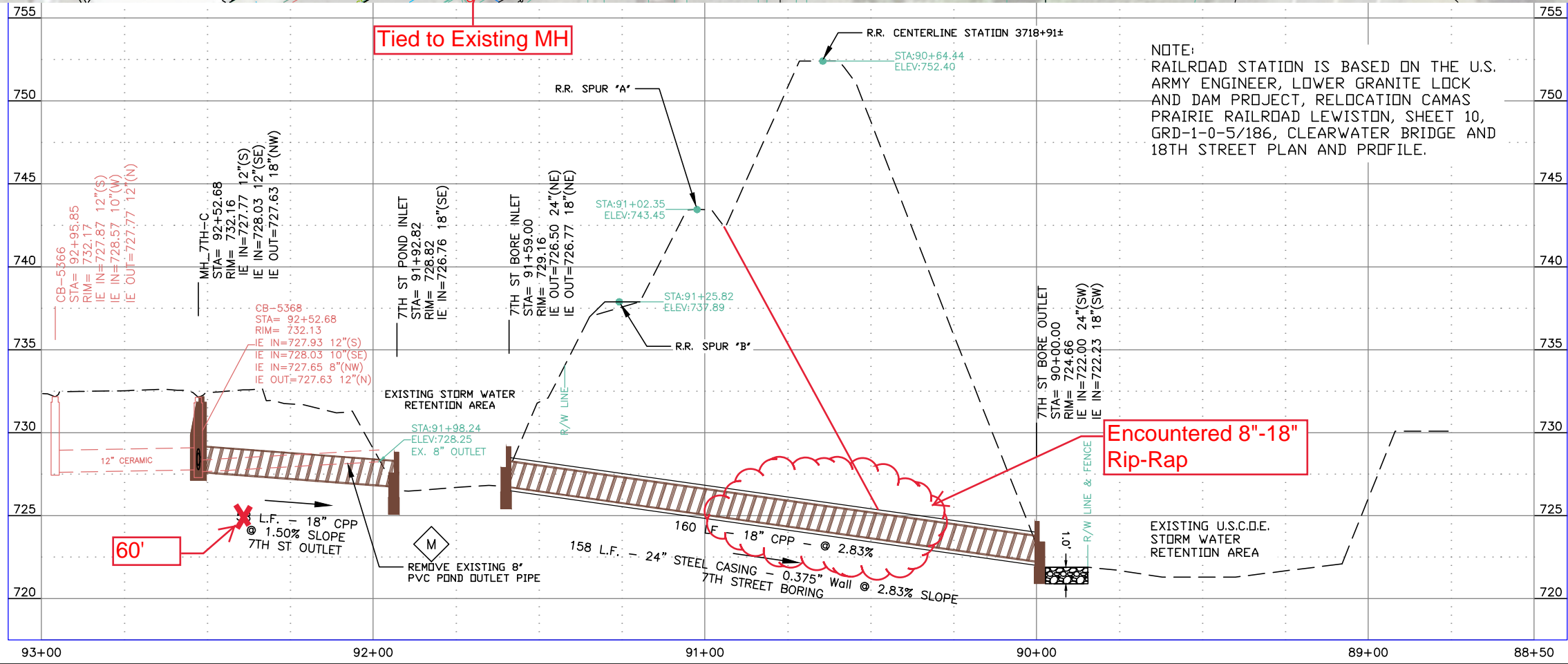
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.
4. NORTHINGS AND EASTINGS ARE 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

ADD ALTERNATE #1

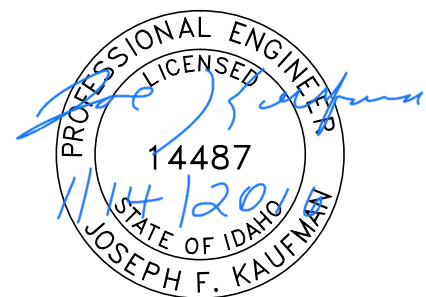
PAY ITEMS

- 13 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1
- 14 Steel Casing Pipe Boring and Jacking, 24" (diameter), Item 308.4.1.C.1
- 54 18" Storm Drain Pipe, Type S, Corrugated Polyethylene (CPP), Item 601.4.1.A.17C
- 57 Existing Storm Drain Connection, Item 601.4.1.C.1
- 58 Storm Drain Manhole, 48" Diameter, Item 602.4.1.A.1A
- 67 Concrete Winged Headwall (18"), Item SP-704.A
- 71 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 72 Concrete Sidewalks, Thickness 4", Item 706.4.1.E.1
- 94 Complete Seeding, Item 206.4.1.K.1
- 99 Loose Riprap, Item 206.4.1.H.3
- 100 Riprap/Erosion Control Geotextile, Item 2050.4.1.B.1



NOTE:
RAILROAD STATION IS BASED ON THE U.S. ARMY ENGINEER, LOWER GRANITE LOCK AND DAM PROJECT, RELOCATION CAMAS PRAIRIE RAILROAD LEWISTON, SHEET 10, GRD-1-0-5/186, CLEARWATER BRIDGE AND 18TH STREET PLAN AND PROFILE.

NEW PAVEMENT
NEW CONCRETE



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

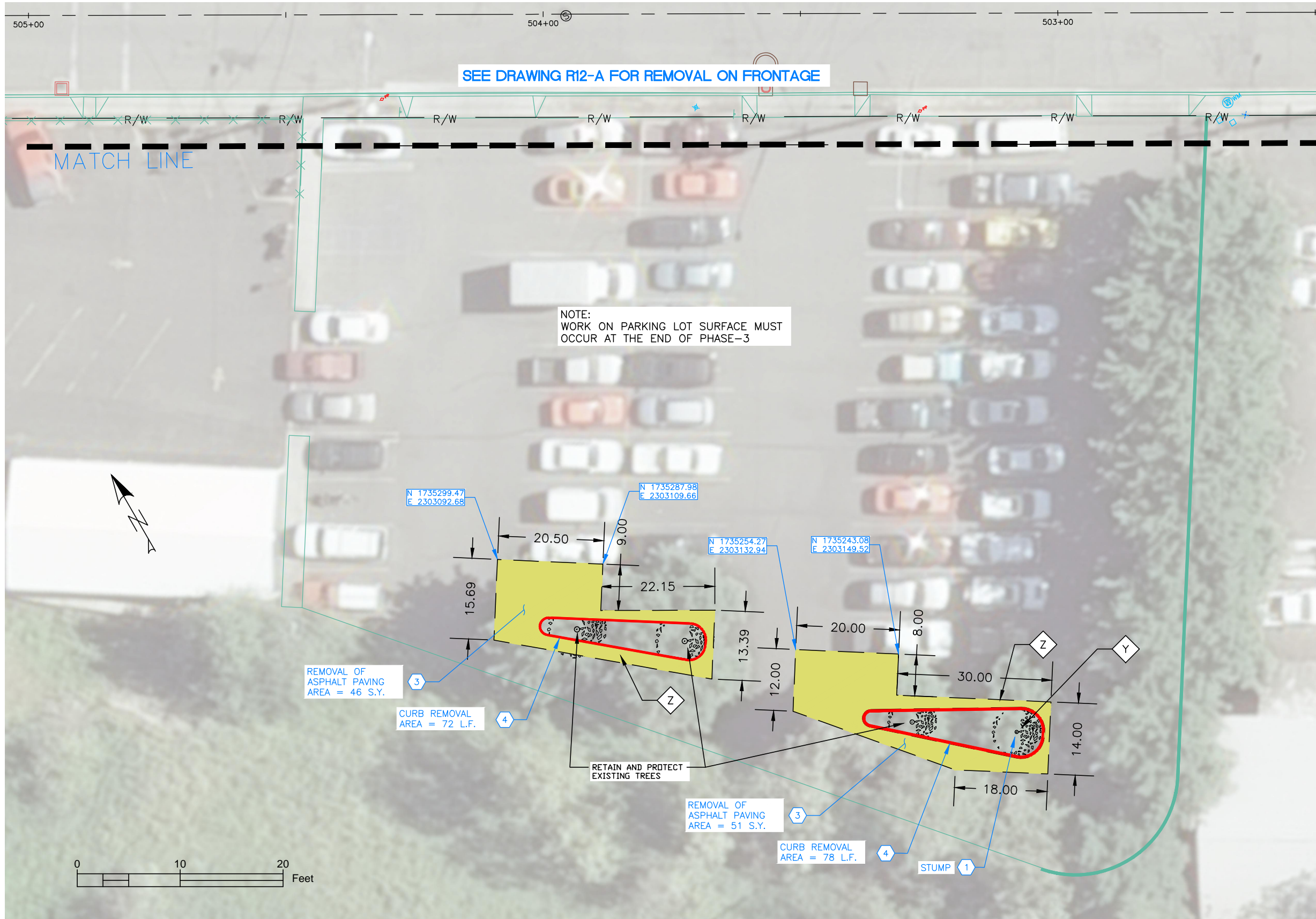
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
STORM DRAIN / STREET PLAN & PROFILE

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	75 of 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R24-C,F

SEE DRAWING R12-A



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

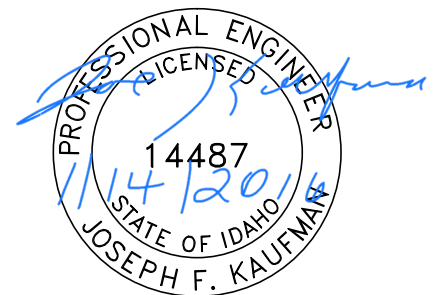
SPECIAL NOTES

- Y Tree Removal by others. Stump by Contractor. Paid for as Obstruction Removal.
- Z All asphalt removal shall be sawcut unless otherwise noted.

PAY ITEMS

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1
- 3 Removal of Bituminous Surface, Item 201.4.1.D.1B
- 4 Removal of Curb, Item 201.4.1.E.1

- PAVEMENT REMOVAL
- CONCRETE REMOVAL



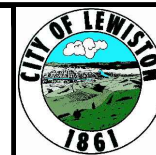
BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
0 1/2 1
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595

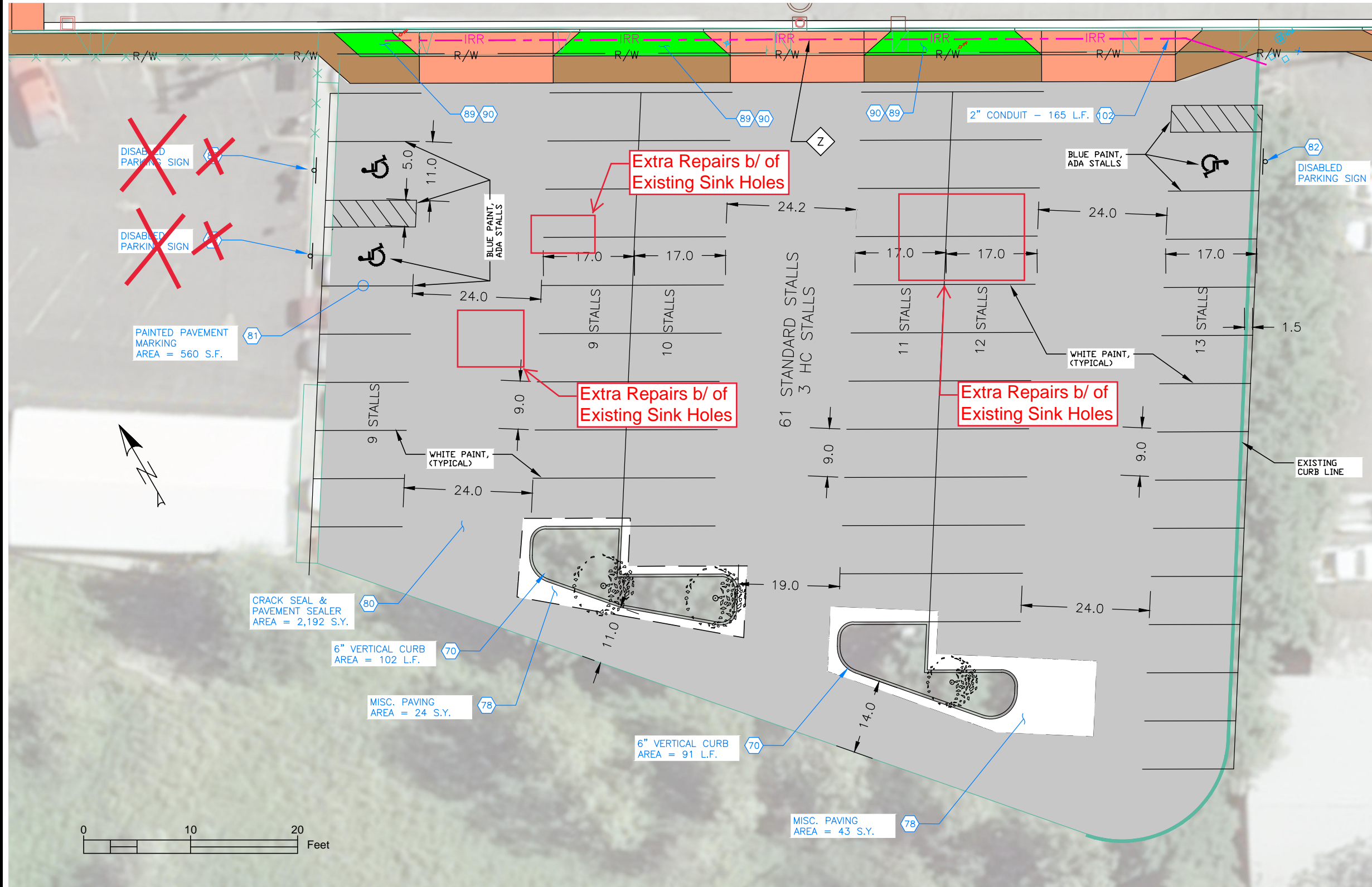


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
F STREET PARKING REMOVAL PLAN

DESIGNED BY:	DATE:	PROJECT:
J. KAUFMAN	2015	IRRP-2016
DRAWN BY:	DATE:	SHEET
B. STEWART	12-16-2015	76 OF 89
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	01-14-2016	R25-A

SEE DRAWING R12-F

SEE DRAWING R12-F FOR FRONTAGE IMPROVEMENTS



NOTES

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

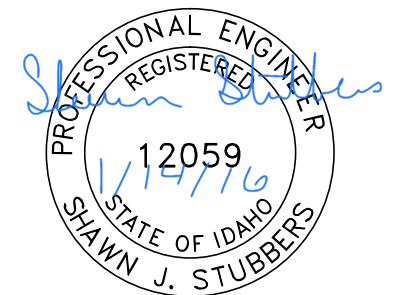
SPECIAL NOTES

Z The 2" conduit has a minimum bury of 24 inches. Locating Wire and Marking Tape required.

PAY ITEMS

- 70** 6" Vertical Curb (No Gutter), Item 706.4.1.A.3
- 78** Miscellaneous Paving, Item 810.4.4.A.5
- 80** Crack seal and Pavement Sealer, Item SP-810.B
- 81** Painted Pavement Marking, Item 1104.4.1.A.1
- 82** Remove and Reset Sign, Item SP-1105.A
- 89** Planter Bed Excavation, 42 C.Y., Item SP-221
- 90** Topsoil from Stockpile, Type S1, 42 C.Y., Item SP-222
- 102** Conduit, Size 2" Diameter Schedule 40, Type PVC Item 1102.4.1.E.1

- NEW LANDSCAPE AREA
- MISCELLANEOUS CONCRETE
- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE
- NEW PAVEMENT SEALER



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL
1" = 40'
VERTICAL
1" = 4'

WARNING
THIS BAR MEASURES
1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

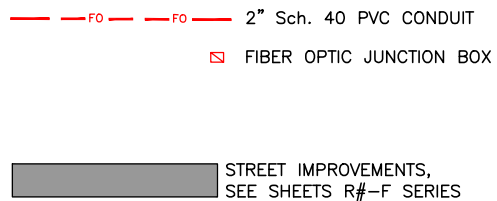
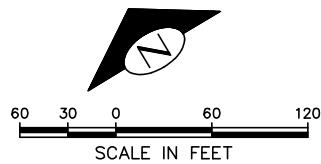
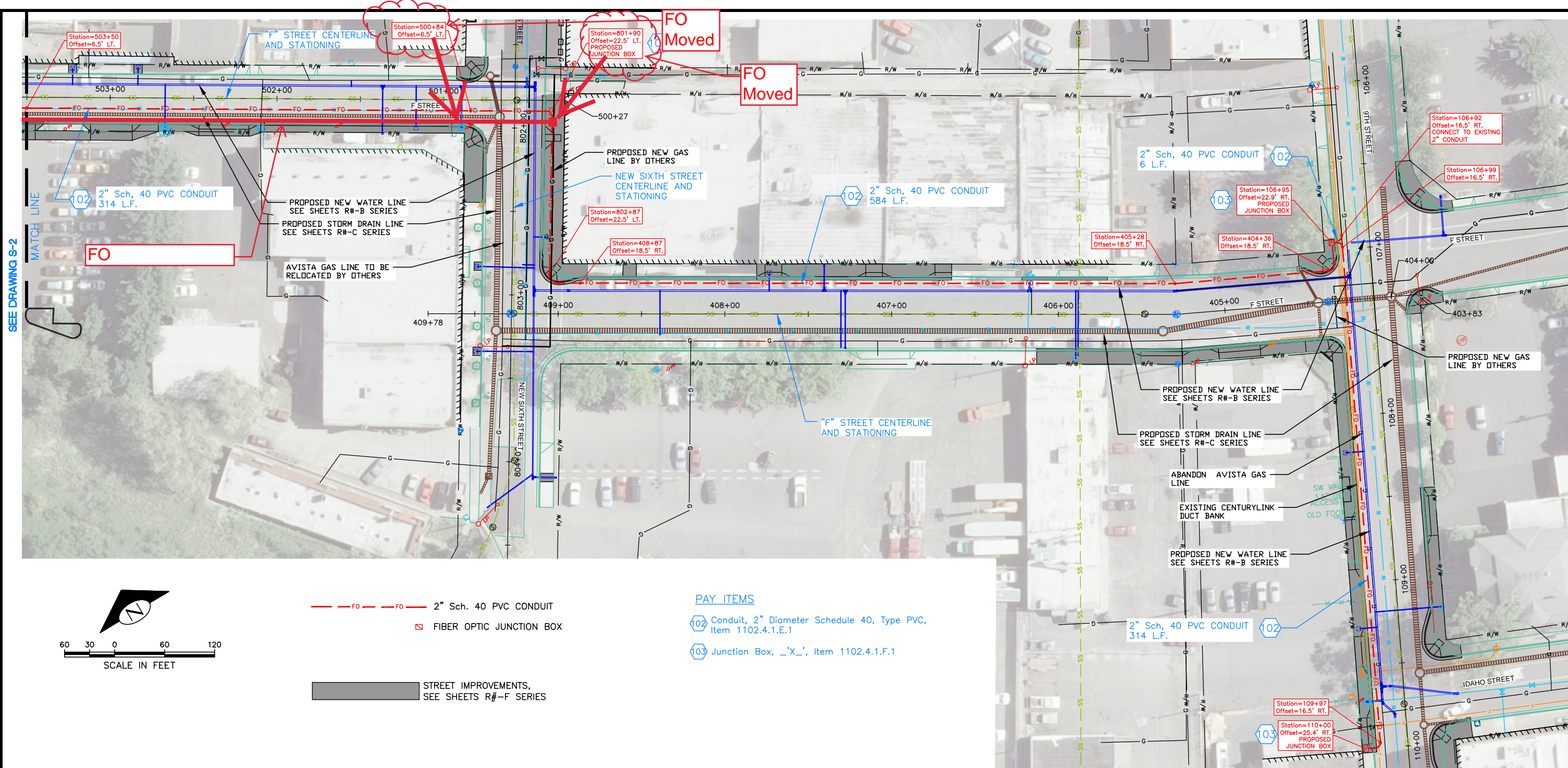


CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**
F STREET PARKING IMPROVEMENT PLAN

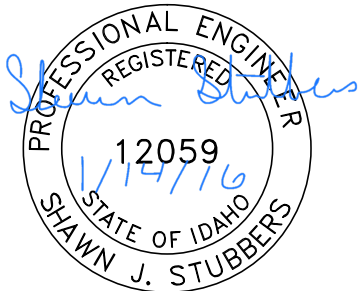
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 77 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: R25-F



- PAY ITEMS**
- 102 Conduit, 2" Diameter Schedule 40, Type PVC, Item 1102.4.1.E.1
 - 103 Junction Box, 'X', Item 1102.4.1.F.1

GENERAL NOTES

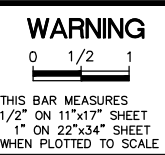
1. PLACE 2" Sch. 40 PVC CONDUIT AT MINIMUM 24" BELOW FINISH GRADE UNDER CONCRETE SURFACING AND 30" BELOW FINISHED SURFACE UNDER PLANT MIX PAVEMENT. PROVIDE 90 DEGREE SWEEPS AT ALL DIRECTION CHANGES. CAP ENDS WITH Sch. 40 PVC END CAPS. LEAVE ALL ENDS BELOW FINISH GRADE.
2. MAINTAIN A MINIMUM OF 3' OF SEPARATION BETWEEN Sch. 40 PVC CONDUIT AND OTHER UTILITY LINES (WATER, GAS, SANITARY SEWER, STORM SEWER) OR AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPC), 2015 EDITION.
4. TRENCH BACKFILL SHALL BE COMPACTED PER SECTION 306, TYPE A, WITH LOCATE WIRE AND WARNING TAPE.
5. THE CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES AND POWER CABLES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND POWER CABLES.
6. CONDUIT INSTALLATION TO BE INSTALLED AND INSPECTED PER ELECTRICAL CODE.



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	
HORIZONTAL	1" = 60'
VERTICAL	NA



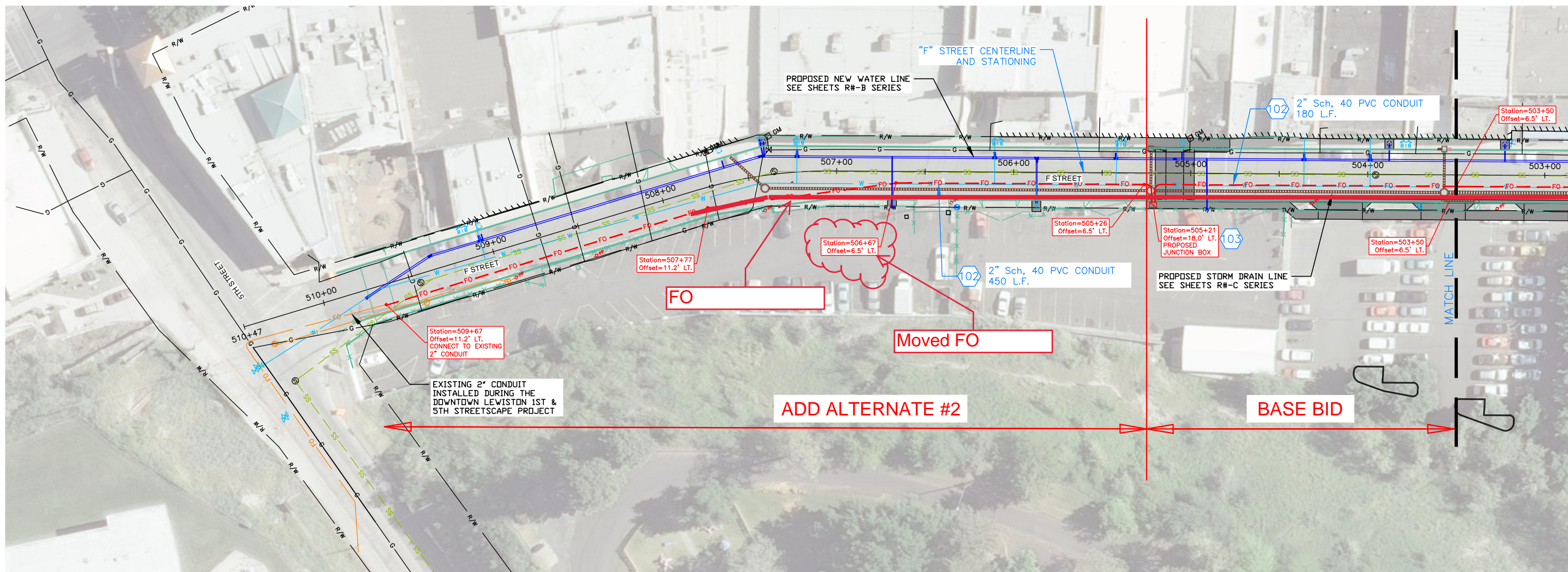
CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON, ID 83501
 208-746-1316
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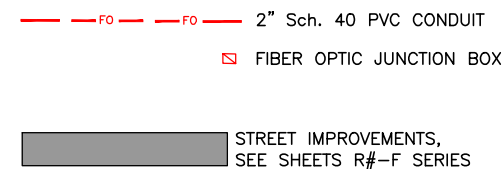
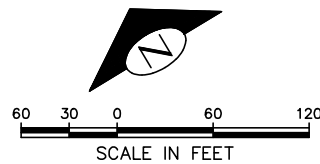
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

FRANCHISE UTILITY PLAN

DESIGNED BY:	J. KAUFMAN	DATE:	2015	PROJECT:	IRRP-2016
DRAWN BY:	B. STEWART	DATE:	12-16-2015	SHEET:	78 OF 89
CHECKED BY:	S. STUBBERS	DATE:	01-14-2016	DRAWING:	S-1



SEE DRAWING S-1

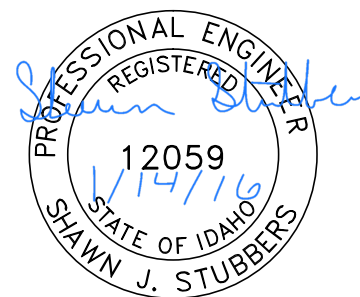


PAY ITEMS

- 102 Conduit, 2" Diameter Schedule 40, Type PVC, Item 1102.4.1.E.1
- 103 Junction Box, "X", Item 1102.4.1.F.1

GENERAL NOTES

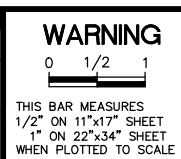
1. PLACE 2" Sch. 40 PVC CONDUIT AT MINIMUM 24" BELOW FINISH GRADE UNDER CONCRETE SURFACING AND 30" BELOW FINISHED SURFACE UNDER PLANT MIX PAVEMENT. PROVIDE 90 DEGREE SWEEPS AT ALL DIRECTION CHANGES. CAP ENDS WITH Sch. 40 PVC END CAPS. LEAVE ALL ENDS BELOW FINISH GRADE.
2. MAINTAIN A MINIMUM OF 3' OF SEPARATION BETWEEN Sch. 40 PVC CONDUIT AND OTHER UTILITY LINES (WATER, GAS, SANITARY SEWER, STORM SEWER) OR AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC), 2015 EDITION.
4. TRENCH BACKFILL SHALL BE COMPACTED PER SECTION 306, TYPE A, WITH LOCATE WIRE AND WARNING TAPE.
5. THE CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES AND POWER CABLES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND POWER CABLES.
6. CONDUIT INSTALLATION TO BE INSTALLED AND INSPECTED PER ELECTRICAL CODE.



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL 1" = 60'
VERTICAL NA



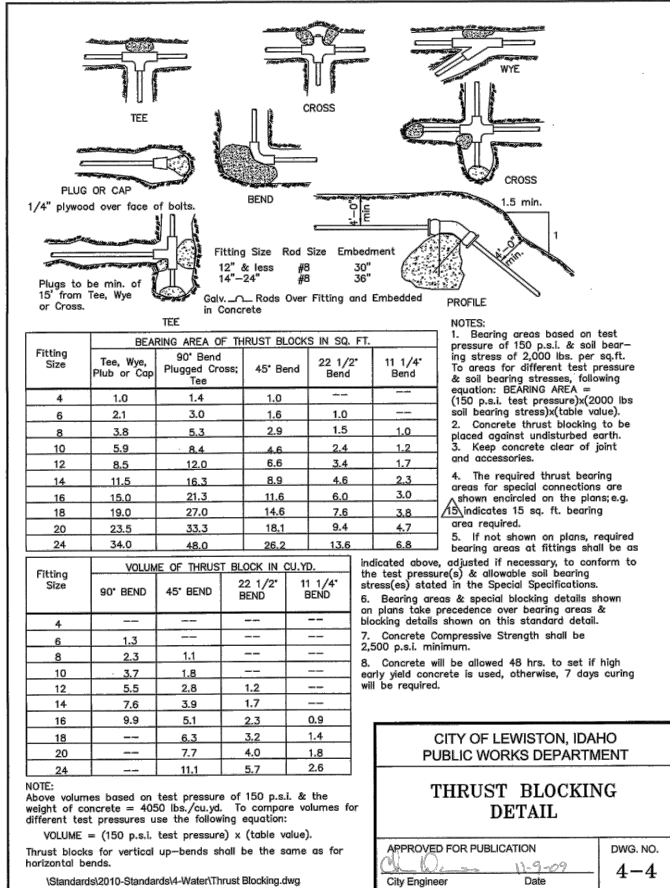
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

FRANCHISE UTILITY PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 79 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: S-2

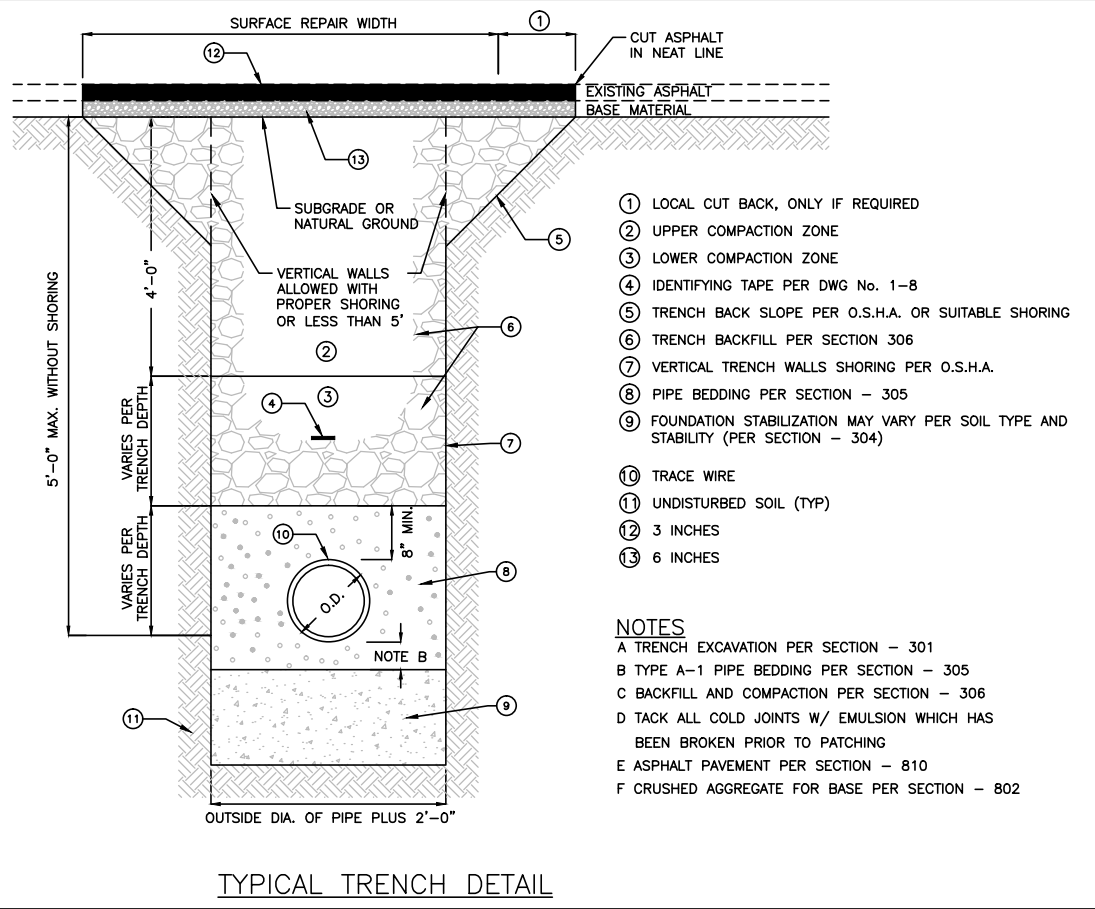
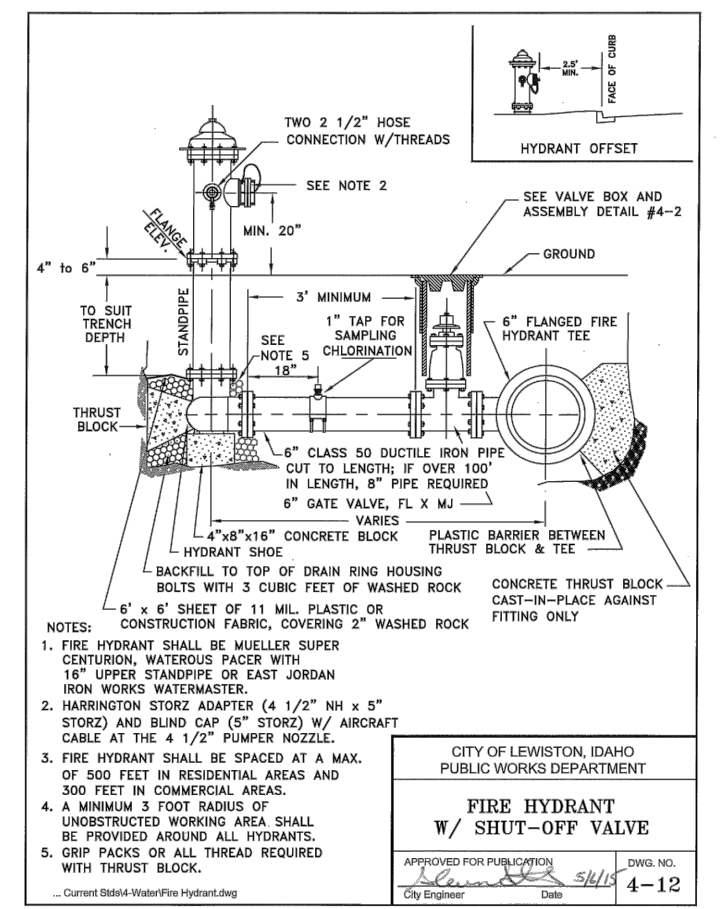
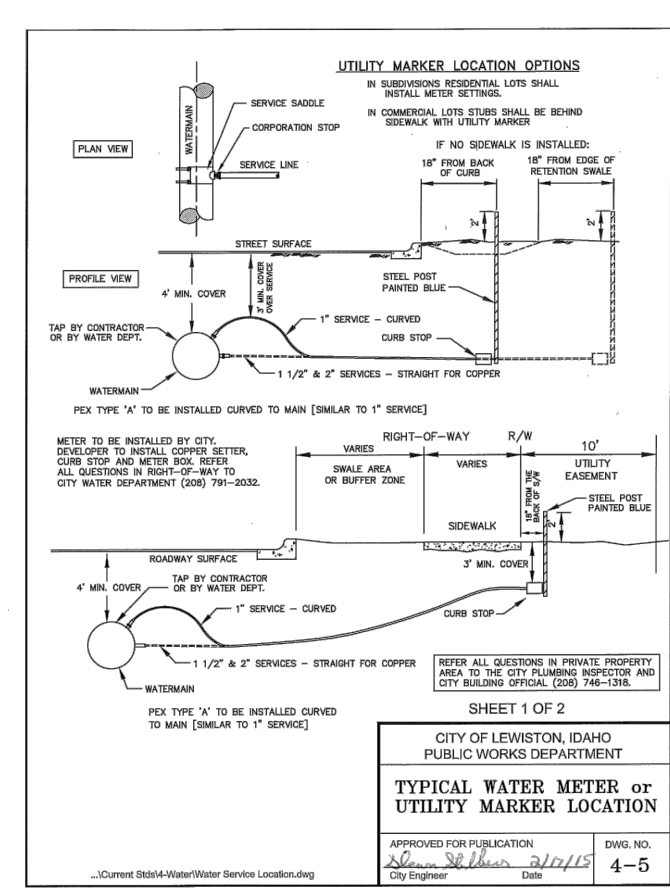
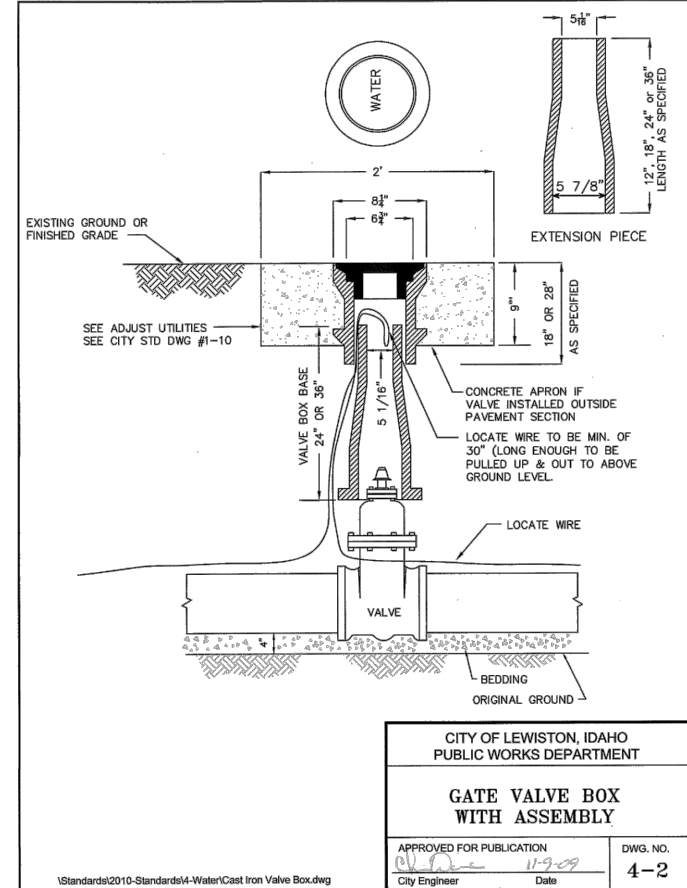


CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

THRUST BLOCKING DETAIL

APPROVED FOR PUBLICATION: [Signature] 11/9/09
City Engineer Date

DWG. NO. 4-4



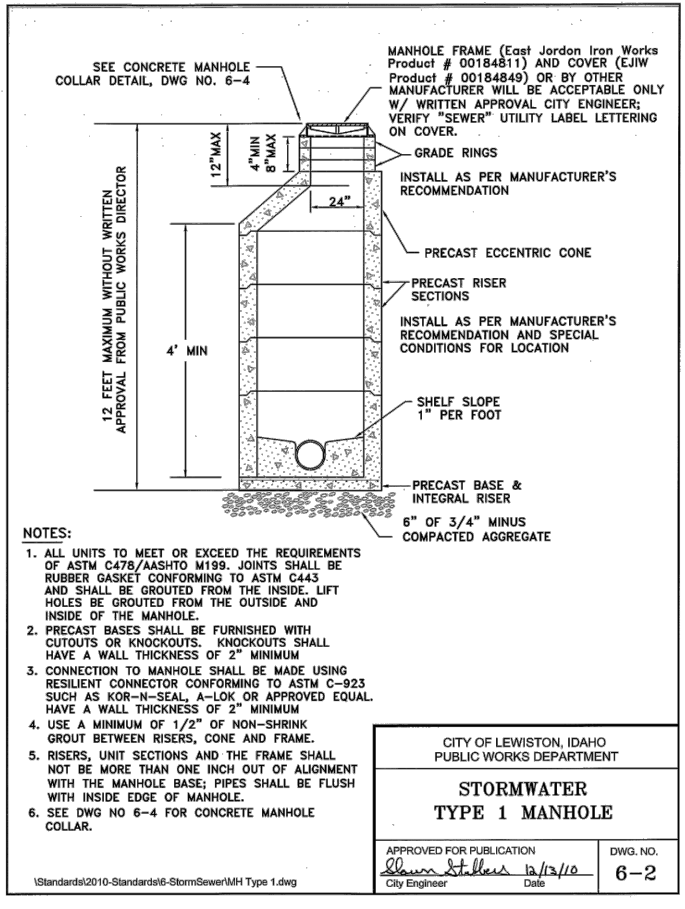
The detail drawings shown hereon are for convenience in bidding and work in the field. Not all the necessary details are shown. A full size copy of all the necessary City of Lewiston Standard Details are provided in the contract documents and may also be found on the City of Lewiston Official Web site <http://www.cityoflewiston.org/DocumentCenter> under the folder Public Works /Engineering / Standard Dwgs

4 Water Standards

- 4-1 Potable & Non-potable Waterline Separation November '09
- 4-2 Gate Valve Box w/ Assembly November '09
- 4-3 Combination Blow Off & Sampling Tap November '09
- 4-4 Thrust Blocking Detail November '09
- 4-5 Typical Water Meter or Utility Marker Location February '15
- 4-6 3/4" Water Service Connection February '15
- 4-7 1" Water Service Connection February '15
- 4-8 1 1/2" Water Service Connection February '15
- 4-9 2" Water Service Connection February '15
- 4-10 Double Check Valve Assembly for 2" or Smaller February '15
- 4-11 Double Check Valve Assembly for 2 1/2" or Larger February '15
- 4-12 Fire Hydrant w/ Shut-off Valve May '15

BID DOCUMENTS

<p>SCALE: HORIZONTAL AS SHOWN, VERTICAL NA</p> <p>WARNING THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE</p>				<p>CITY OF LEWISTON PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 215 'D' STREET, LEWISTON, ID 83501 208-746-1316 FAX 208-746-5595</p>		<p>CITY OF LEWISTON PUBLIC WORKS DEPARTMENT DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016) DETAILS WATER</p>		<p>DESIGNED BY: J. KAUFMAN DATE: 2015 PROJECT: IRRP-2016</p>	
<p>REVISIONS</p>				<p>NO. DATE FILENAME DESCRIPTION BY</p>		<p>DRAWN BY: B. STEWART DATE: 12-16-2015 SHEET: 80 OF 89</p>		<p>CHECKED BY: S. STUBBERS DATE: 01-14-2016 DRAWING: B-1</p>	



- NOTES:**
1. ALL UNITS TO MEET OR EXCEED THE REQUIREMENTS OF ASTM C478/AASHTO M199. JOINTS SHALL BE RUBBER GASKET CONFORMING TO ASTM C443 AND SHALL BE GROUTED FROM THE INSIDE. LIFT HOLES BE GROUTED FROM THE OUTSIDE AND INSIDE OF THE MANHOLE.
 2. PRECAST BASES SHALL BE FURNISHED WITH CUTOUPS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM.
 3. CONNECTION TO MANHOLE SHALL BE MADE USING RESILIENT CONNECTOR CONFORMING TO ASTM C-923 SUCH AS KOK-N-SEAL, A-LOK OR APPROVED EQUAL. HAVE A WALL THICKNESS OF 2" MINIMUM.
 4. USE A MINIMUM OF 1/2" OF NON-SHRINK GROUT BETWEEN RISERS, CONE AND FRAME.
 5. RISERS, UNIT SECTIONS AND THE FRAME SHALL NOT BE MORE THAN ONE INCH OUT OF ALIGNMENT WITH THE MANHOLE BASE; PIPES SHALL BE FLUSH WITH INSIDE EDGE OF MANHOLE.
 6. SEE DWG NO 6-4 FOR CONCRETE MANHOLE COLLAR.

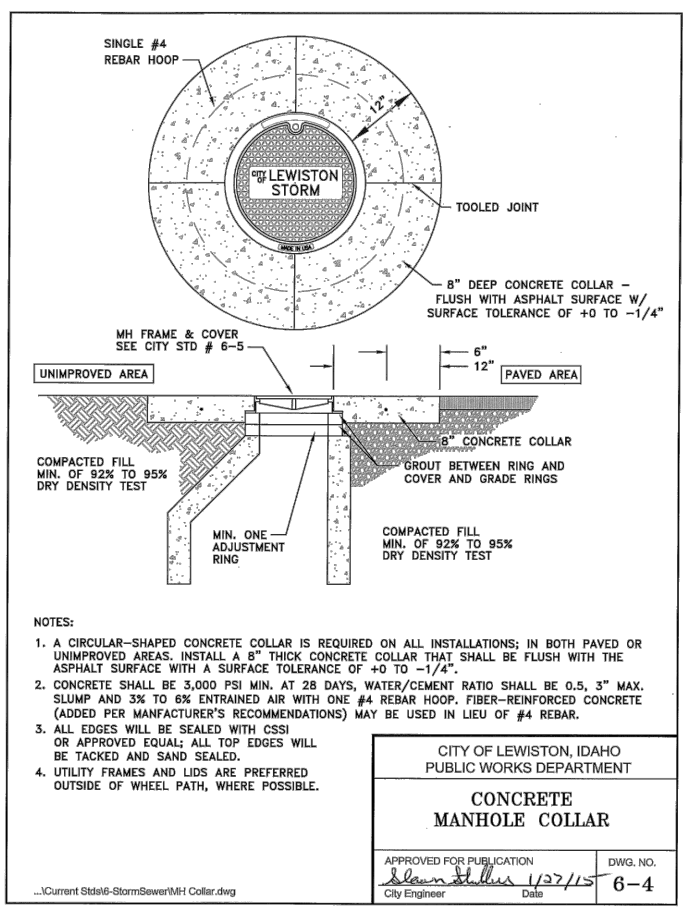
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**STORMWATER
TYPE 1 MANHOLE**

APPROVED FOR PUBLICATION
Blaine Stubbins 12/13/10
City Engineer Date

DWG. NO.
6-2

M:\Standards\2010-Standards\6-StormSewer\MH Type 1.dwg



- NOTES:**
1. A CIRCULAR-SHAPED CONCRETE COLLAR IS REQUIRED ON ALL INSTALLATIONS; IN BOTH PAVED OR UNIMPROVED AREAS. INSTALL A 8" THICK CONCRETE COLLAR THAT SHALL BE FLUSH WITH THE ASPHALT SURFACE WITH A SURFACE TOLERANCE OF +0 TO -1/4".
 2. CONCRETE SHALL BE 3,000 PSI MIN. AT 28 DAYS, WATER/CEMENT RATIO SHALL BE 0.5, 3" MAX. SLUMP AND 3% TO 6% ENTRAINED AIR WITH ONE #4 REBAR HOOP. FIBER-REINFORCED CONCRETE (ADDED PER MANUFACTURER'S RECOMMENDATIONS) MAY BE USED IN LIEU OF #4 REBAR.
 3. ALL EDGES WILL BE SEALED WITH CSSI OR APPROVED EQUAL; ALL TOP EDGES WILL BE TACKED AND SAND SEALED.
 4. UTILITY FRAMES AND LIDS ARE PREFERRED OUTSIDE OF WHEEL PATH, WHERE POSSIBLE.

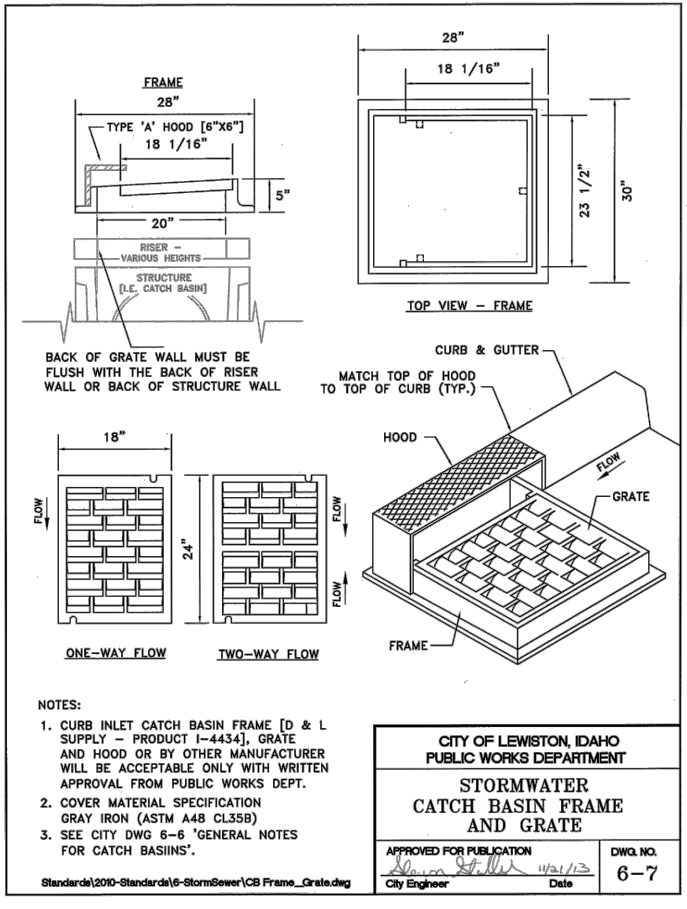
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**CONCRETE
MANHOLE COLLAR**

APPROVED FOR PUBLICATION
Blaine Stubbins 1/27/15
City Engineer Date

DWG. NO.
6-4

M:\Current Stds\6-StormSewer\MH Collar.dwg



- NOTES:**
1. CURB INLET CATCH BASIN FRAME [D & L SUPPLY - PRODUCT I-4434], GRATE AND HOOD OR BY OTHER MANUFACTURER WILL BE ACCEPTABLE ONLY WITH WRITTEN APPROVAL FROM PUBLIC WORKS DEPT.
 2. COVER MATERIAL SPECIFICATION GRAY IRON (ASTM A48 CL359)
 3. SEE CITY DWG 6-6 'GENERAL NOTES FOR CATCH BASINS'.

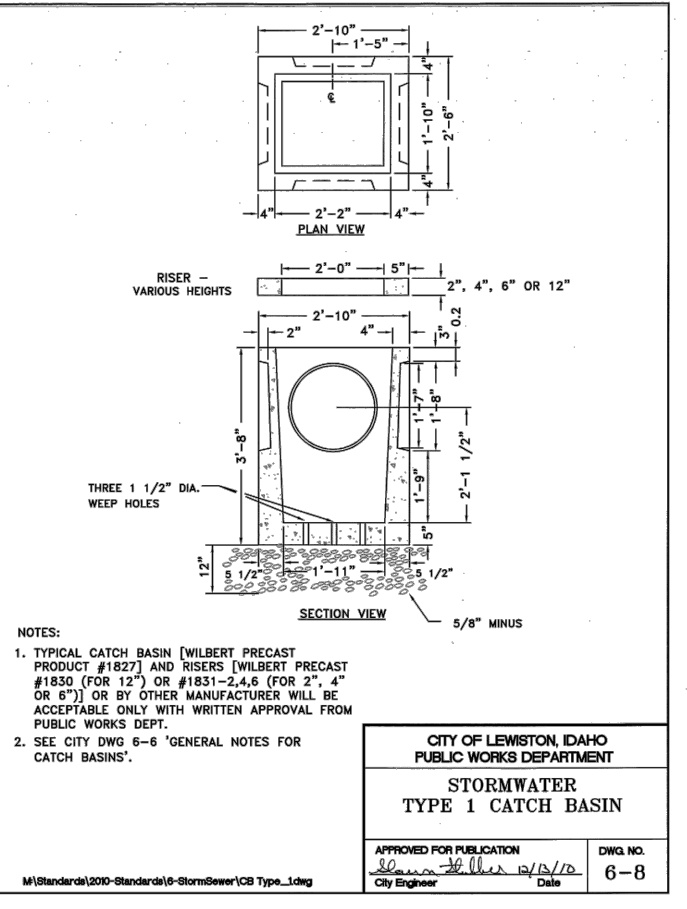
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**STORMWATER
CATCH BASIN FRAME
AND GRATE**

APPROVED FOR PUBLICATION
Blaine Stubbins 11/21/13
City Engineer Date

DWG. NO.
6-7

M:\Standards\2010-Standards\6-StormSewer\CB Frame_Grate.dwg



- NOTES:**
1. TYPICAL CATCH BASIN [WILBERT PRECAST PRODUCT #1827] AND RISERS [WILBERT PRECAST #1850 (FOR 12") OR #1851-2.4.6 (FOR 2", 4" OR 6")] OR BY OTHER MANUFACTURER WILL BE ACCEPTABLE ONLY WITH WRITTEN APPROVAL FROM PUBLIC WORKS DEPT.
 2. SEE CITY DWG 6-6 'GENERAL NOTES FOR CATCH BASINS'.

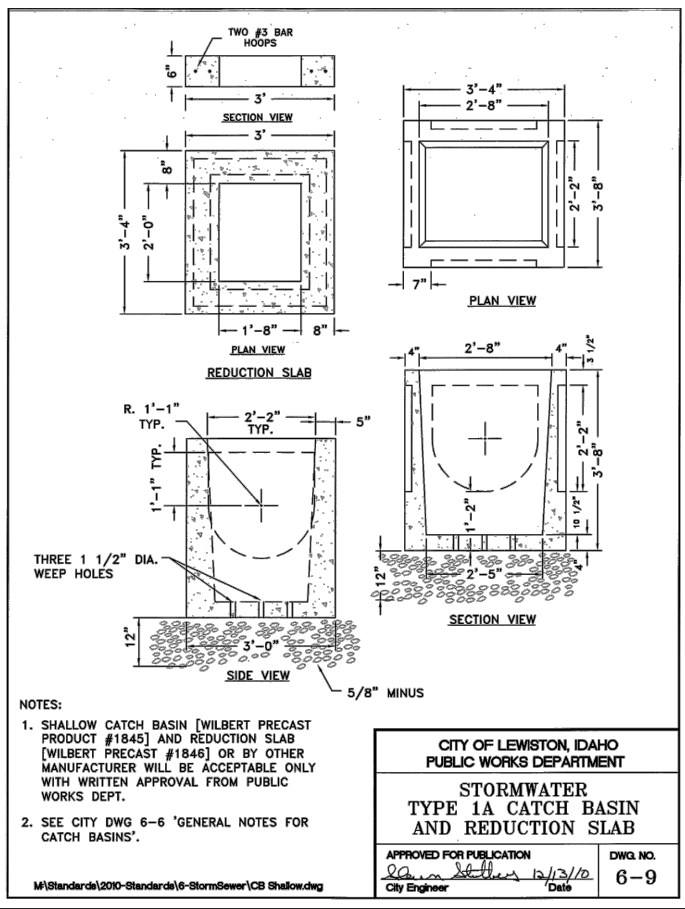
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**STORMWATER
TYPE 1 CATCH BASIN**

APPROVED FOR PUBLICATION
Blaine Stubbins 12/13/10
City Engineer Date

DWG. NO.
6-8

M:\Standards\2010-Standards\6-StormSewer\CB Type 1.dwg



- NOTES:**
1. SHALLOW CATCH BASIN [WILBERT PRECAST PRODUCT #1845] AND REDUCTION SLAB [WILBERT PRECAST #1846] OR BY OTHER MANUFACTURER WILL BE ACCEPTABLE ONLY WITH WRITTEN APPROVAL FROM PUBLIC WORKS DEPT.
 2. SEE CITY DWG 6-6 'GENERAL NOTES FOR CATCH BASINS'.

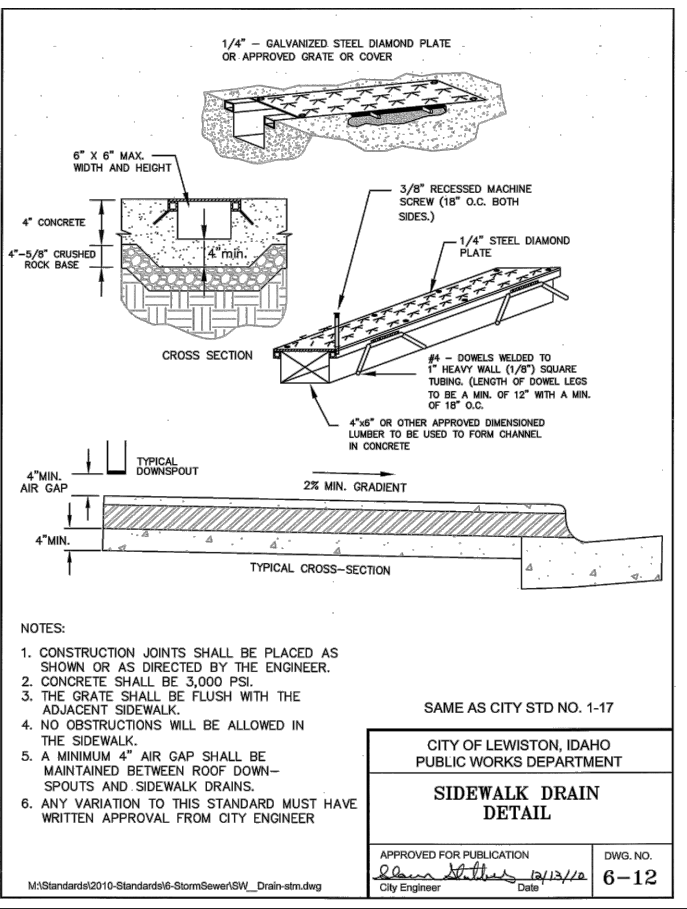
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**STORMWATER
TYPE 1A CATCH BASIN
AND REDUCTION SLAB**

APPROVED FOR PUBLICATION
Blaine Stubbins 12/13/10
City Engineer Date

DWG. NO.
6-9

M:\Standards\2010-Standards\6-StormSewer\CB Shallow.dwg



- NOTES:**
1. CONSTRUCTION JOINTS SHALL BE PLACED AS SHOWN OR AS DIRECTED BY THE ENGINEER.
 2. CONCRETE SHALL BE 3,000 PSI.
 3. THE GRATE SHALL BE FLUSH WITH THE ADJACENT SIDEWALK.
 4. NO OBSTRUCTIONS WILL BE ALLOWED IN THE SIDEWALK.
 5. A MINIMUM 4" AIR GAP SHALL BE MAINTAINED BETWEEN ROOF DOWN-SPOUTS AND SIDEWALK DRAINS.
 6. ANY VARIATION TO THIS STANDARD MUST HAVE WRITTEN APPROVAL FROM CITY ENGINEER

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**SIDEWALK DRAIN
DETAIL**

APPROVED FOR PUBLICATION
Blaine Stubbins 12/13/10
City Engineer Date

DWG. NO.
6-12

M:\Standards\2010-Standards\6-StormSewer\SW_Drain-stm.dwg

The detail drawings shown hereon are for convenience in bidding and work in the field. Not all the necessary details are shown. A full size copy of all the necessary City of Lewiston Standard Details are provided in the contract documents and may also be found on the City of Lewiston Official Web site <http://www.cityoflewiston.org/DocumentCenter> under the folder Public Works /Engineering / Standard Dwgs

6 Stormwater Standards

- 6-1 System General Notes December '10
- 6-2 Type 1 Manhole December '10
- 6-3 Type 1A (Shallow) Manhole December '10
- 6-4 Manhole Concrete Collar January '15
- 6-5 Manhole Frame and Cover December '10
- 6-6 General Catch Basin Notes December '10
- 6-7 Catch Basin Frame and Grate November '13
- 6-8 Type 1 Catch Basin December '10
- 6-9 Type 1A (Shallow) Catch Basin and Reduction Slab December '10
- 6-10 Standard Curb Drop Inlet December '10
- 6-11 Special Curb Inlet Type '2" December '10
- 6-12 Sidewalk Drain Detail. December '10

NO.	DATE	FILENAME	DESCRIPTION	BY

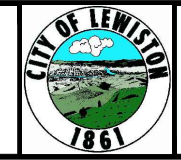
SCALE	HORIZONTAL AS SHOWN	VERTICAL NA
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WARNING

0 1/2 1

THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595

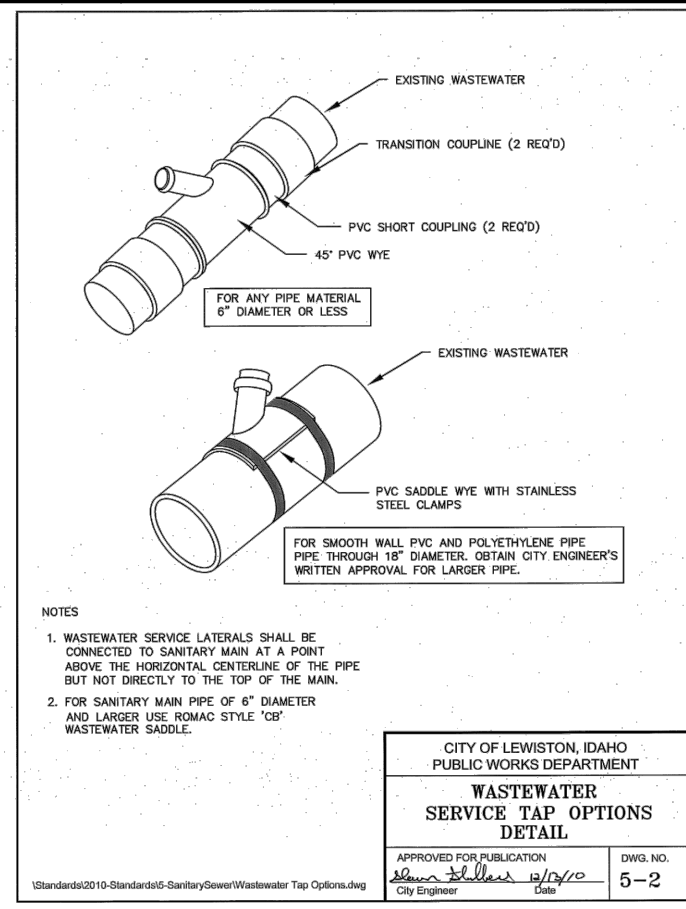
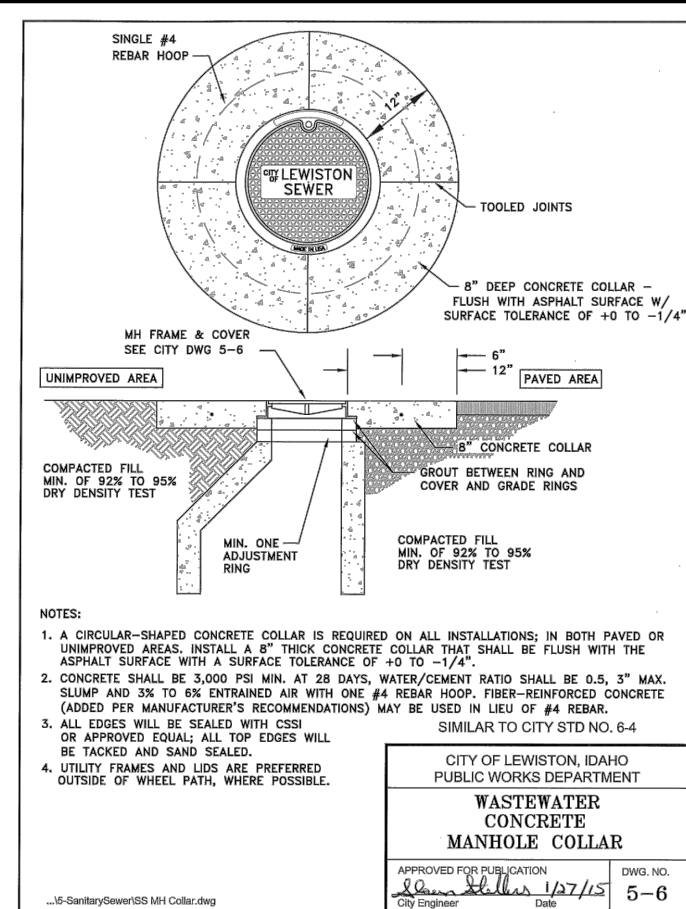
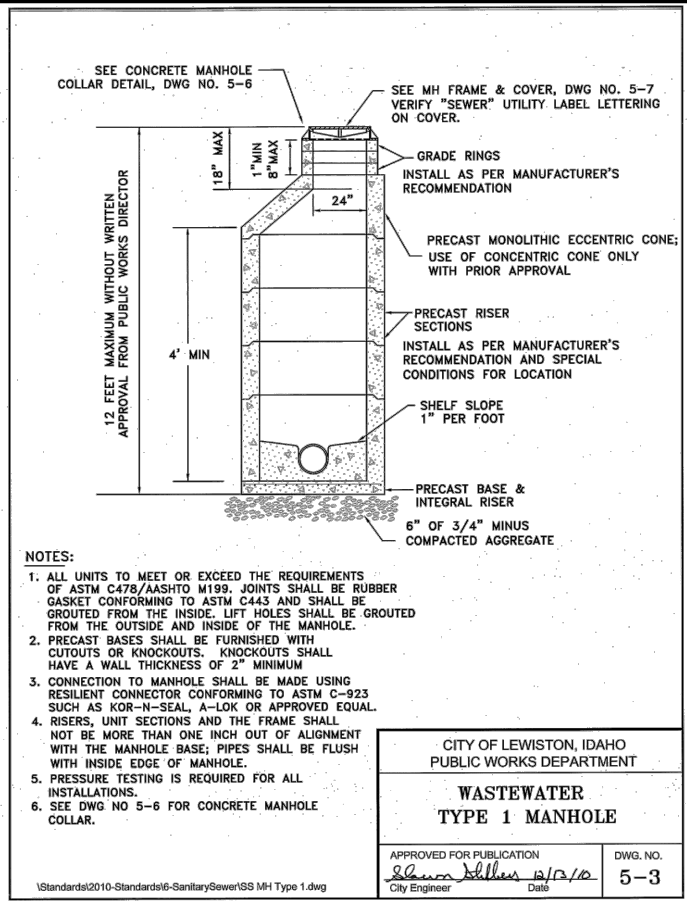
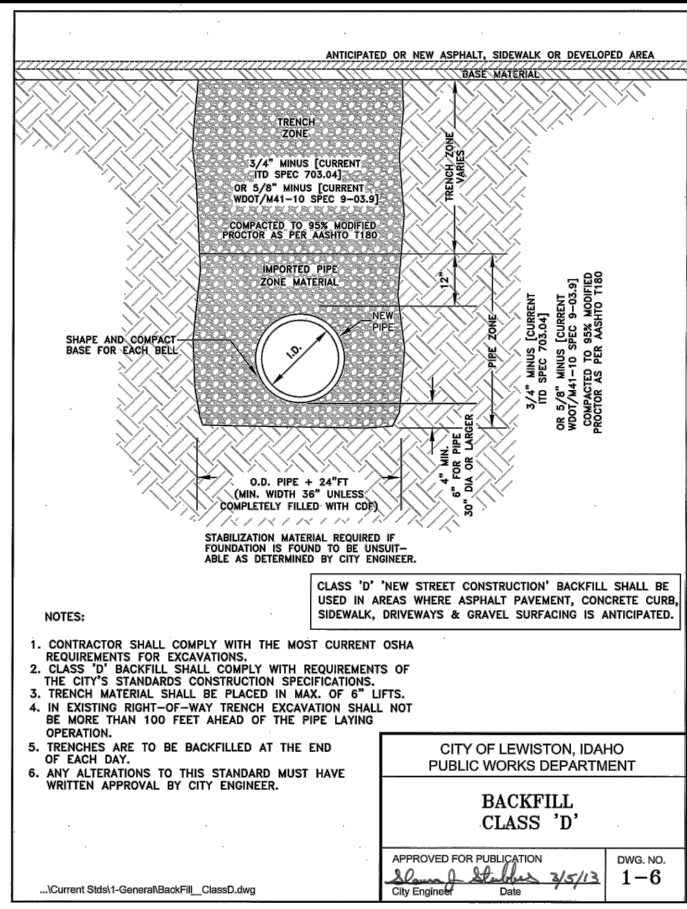


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

DETAILS STORM

DESIGNED BY: S. MACEY	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 81 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: C-1

BID DOCUMENTS



The detail drawings shown hereon are for convenience in bidding and work in the field. Not all the necessary details are shown. A full size copy of all the necessary City of Lewiston Standard Details are provided in the contract documents and may also be found on the City of Lewiston Official Web site <http://www.cityoflewiston.org/DocumentCenter> under the folder Public Works /Engineering / Standard Dwgs

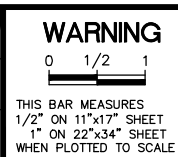
5 Wastewater Standards

- 5-1 Wastewater Private Service Connection December '10
- 5-2 Service Tap Options December '10
- 5-3 Type 1 Manhole Details December '10
- 5-4 Type 1A Manhole (Shallow MH) November '15
- 5-5 Pressure Wastewater System Service Connection December '10
- 5-6 Concrete Manhole Collar January '15
- 5-7 Manhole Frame & Cover November '12
- 5-8 Manhole Channel Details September '15

NO.	DATE	FILENAME	DESCRIPTION	BY

REVISIONS

SCALE	AS SHOWN
HORIZONTAL	
VERTICAL	



CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595

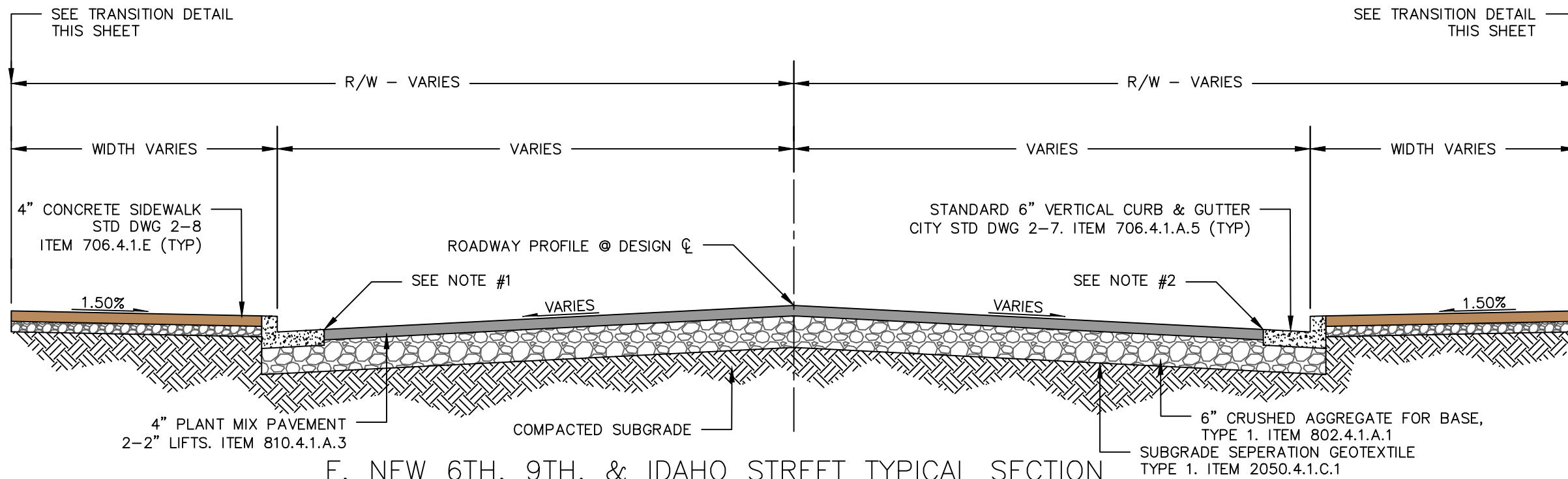


**DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)**

DETAILS SANITARY

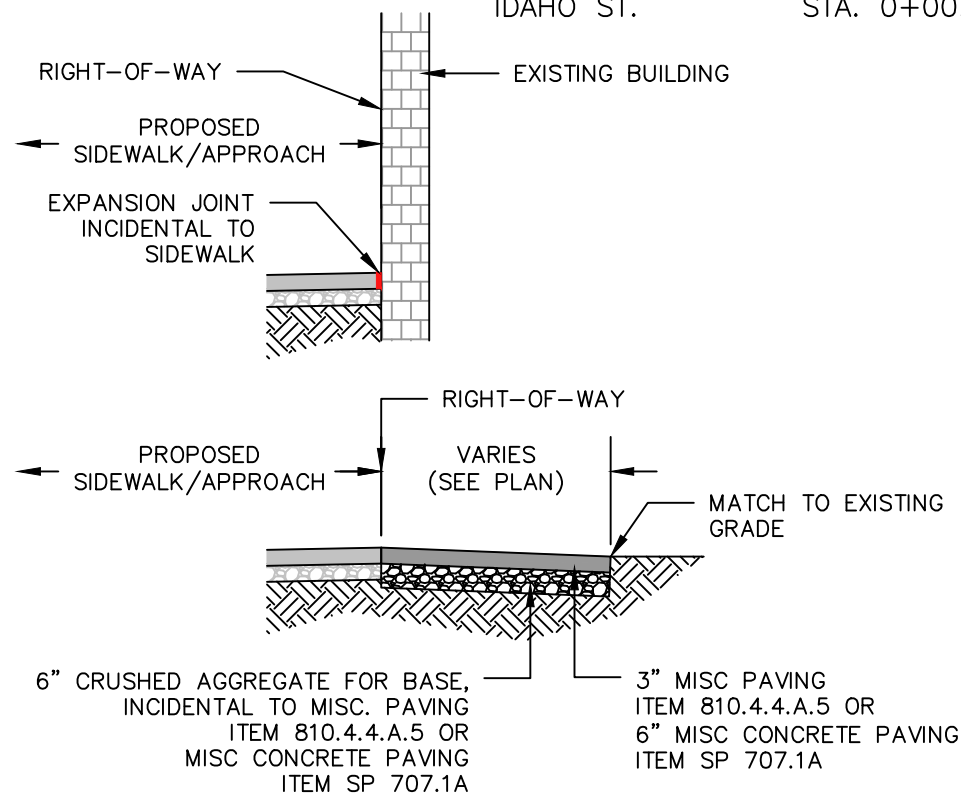
DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 82 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: E-1

BID DOCUMENTS



F, NEW 6TH, 9TH, & IDAHO STREET TYPICAL SECTION

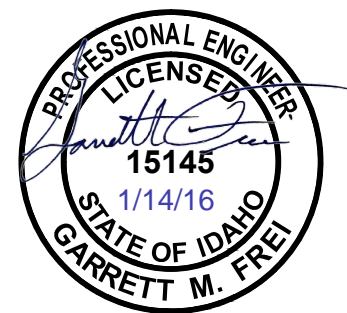
F ST.	STA: 403+58.74 - 409+28.01, 500+57.31 - 509+74.48
NEW 6TH ST.	STA: 801+57.83 - 804+45.36
9TH ST.	STA: 106+00.00 - 110+02.13
IDAHO ST.	STA: 0+00.00 - 0+37.32



TRANSITION DETAIL
N.T.S.

NOTES

- 1) NO CURB OR SIDEWALK. MATCH CURB REVEAL F ST.
 STA. 406+13.00 - 409+28.10
 502+07.06 - 509+74.48
 505+25.00 - 509+74.48
 NEW 6TH ST.
 STA. 801+57.83 - 801+80.26
 802+92.02 - 804+26.97
 9TH ST.
 STA. 107+41.90 - 108+46.31
- 2) NO CURB OR SIDEWALK. MATCH CURB REVEAL F ST.
 STA. 404+53.54 - 405+70.48
 406+21.83 - 406+64.00
 407+76.12 - 408+82.50
 500+92.15 - 504+78.00
 505+25.00 - 509+74.48
 NEW 6TH ST.
 STA. 802+44.92 - 804+35.51



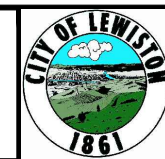
NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL N.T.S.
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WARNING
 THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

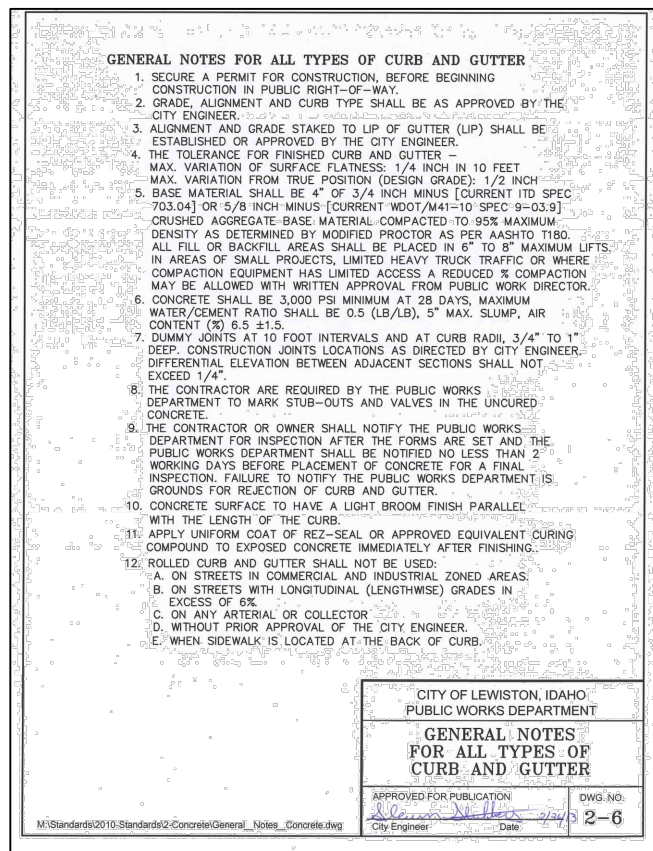
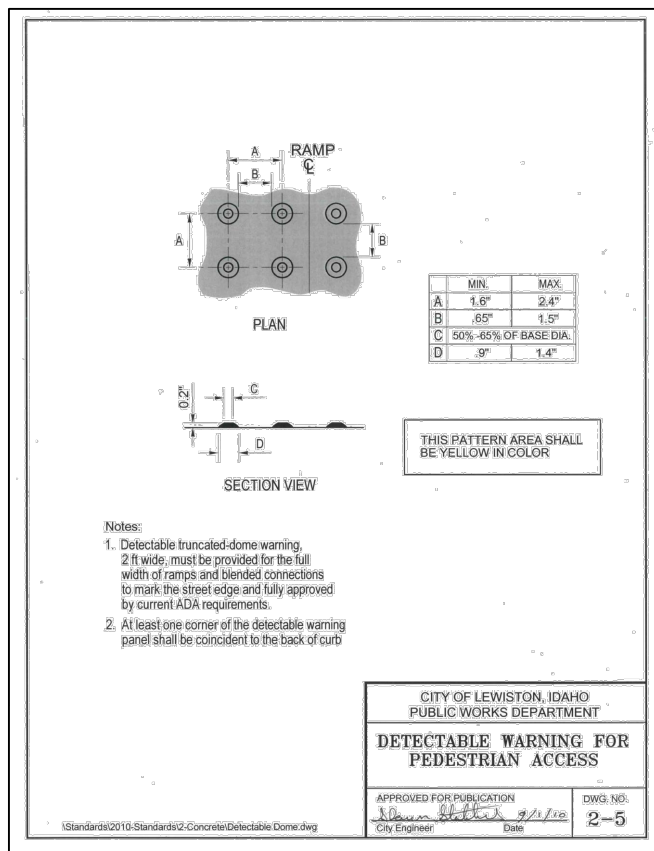
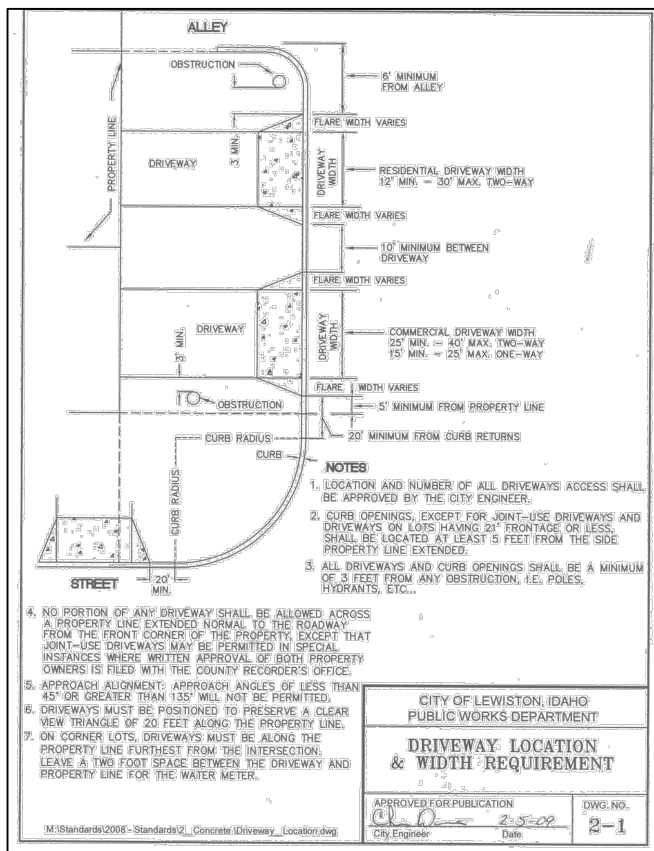
PRELIMINARY
NOT FOR CONSTRUCTION

CITY OF LEWISTON
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 215 'D' STREET, LEWISTON, ID 83501
 208-746-1916
 FAX 208-746-5695



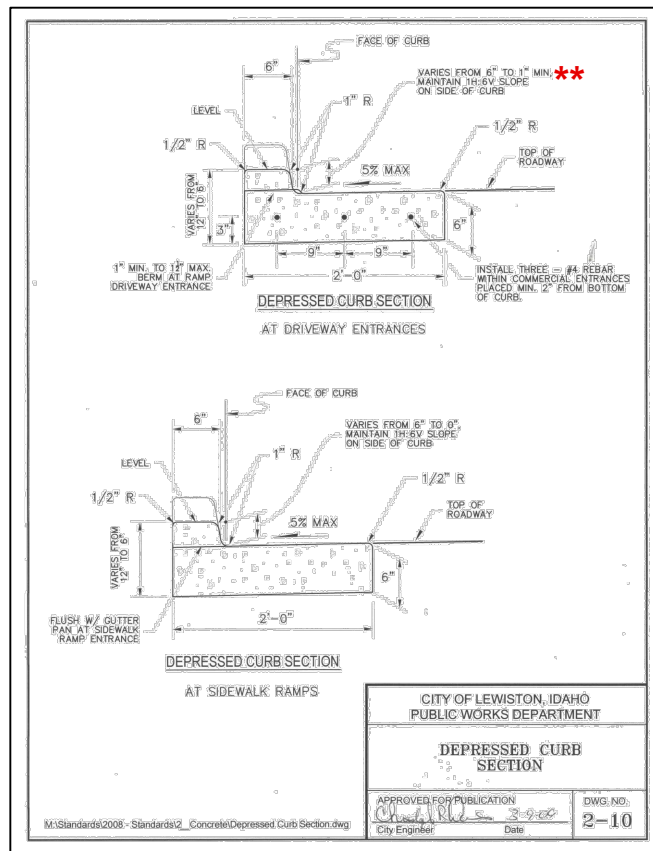
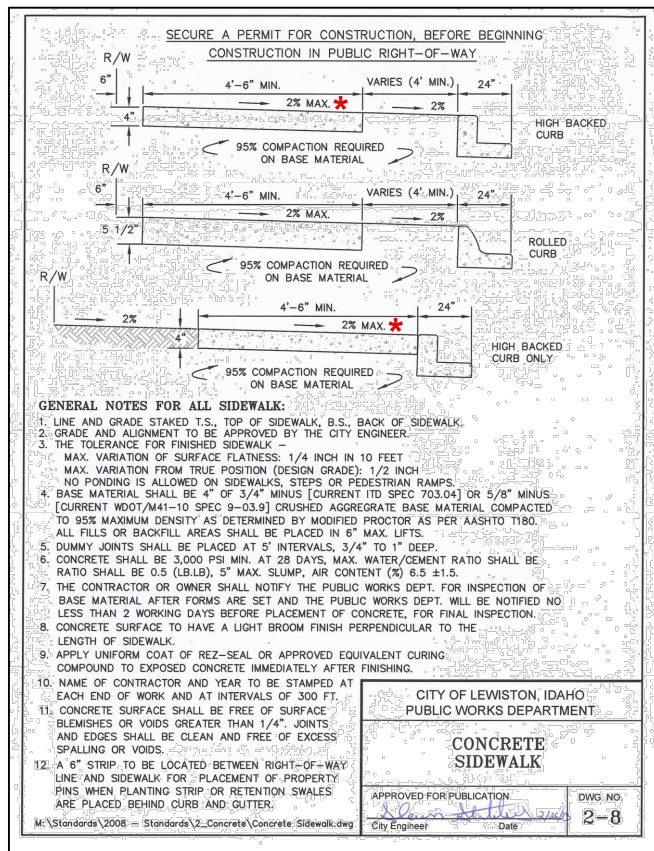
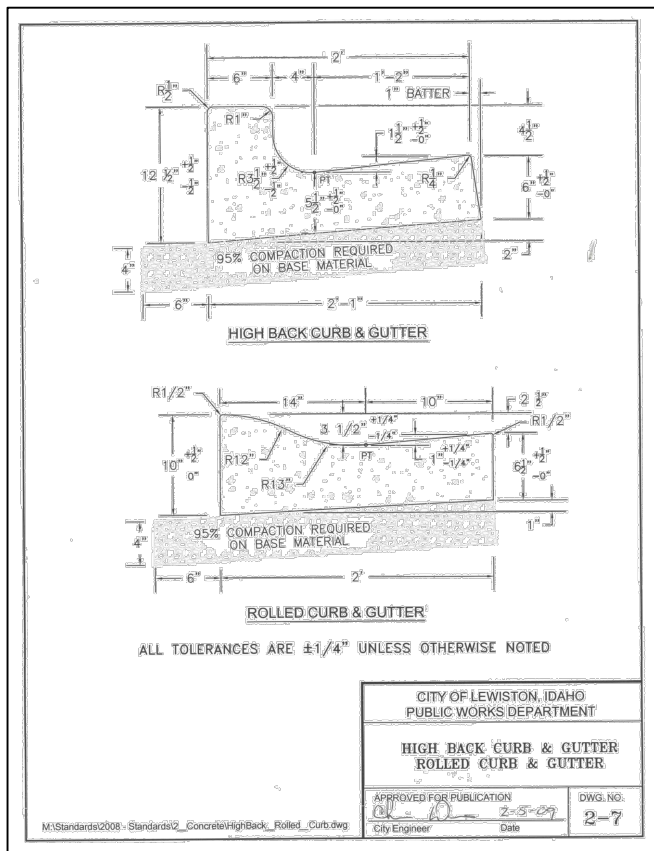
DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
TYPICAL SECTIONS & DETAILS

DESIGNED BY: W. ROWLAND	DATE: 12-8-15	PROJECT: IRRP-2016
DRAWN BY: W. ROWLAND	DATE: 12-8-15	SHEET 83 of 89
CHECKED BY: G. FREI	DATE: 12-8-15	DRAWING: F-1



NOTES

- * SIDEWALK TO BE CONSTRUCTED WITH A 1.5% SLOPE
- ** CURB HEIGHT TO BE 2.4" ON DRIVEWAY APPROACHES THAT ARE 3' IN DEPTH.



PROFESSIONAL ENGINEER
15145
1/14/16
STATE OF IDAHO
GARRETT M. FREI

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE
HORIZONTAL AS SHOWN
VERTICAL N.T.S.

WARNING
0 1/2 1
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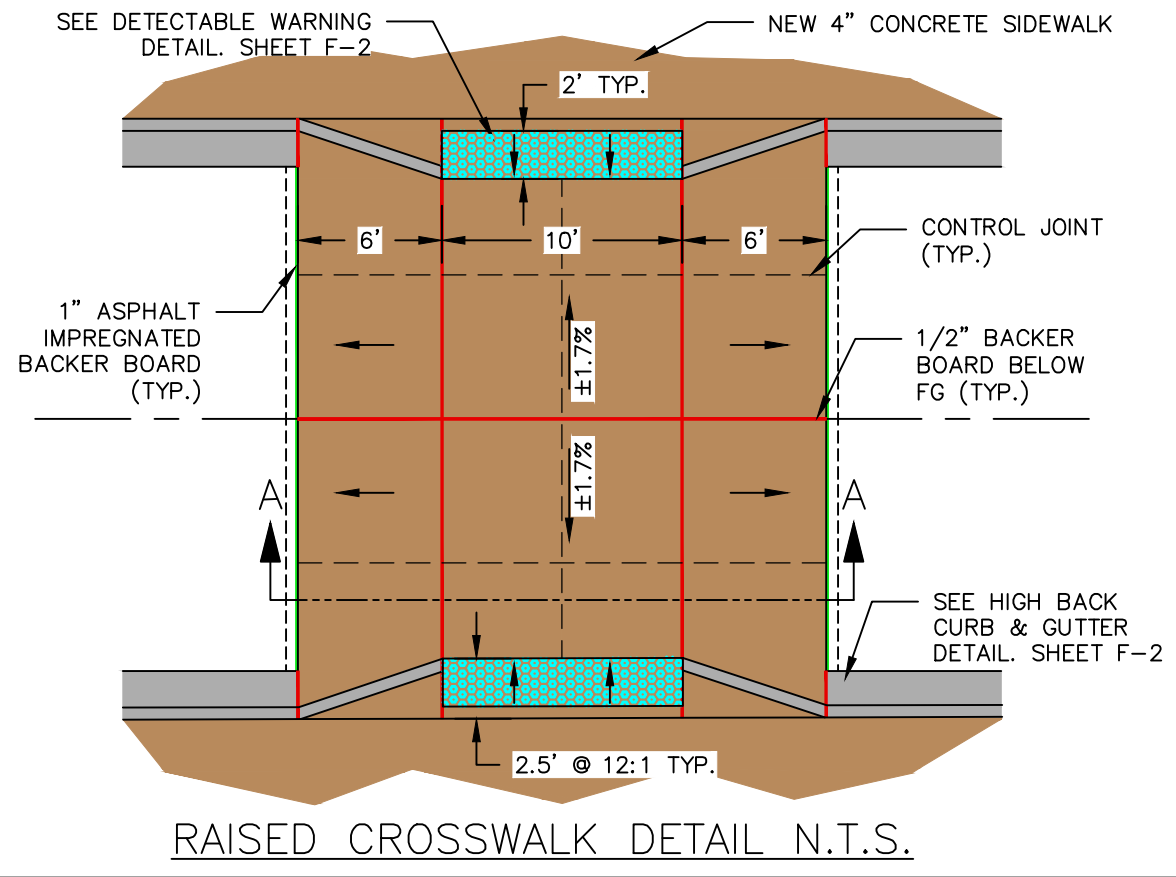
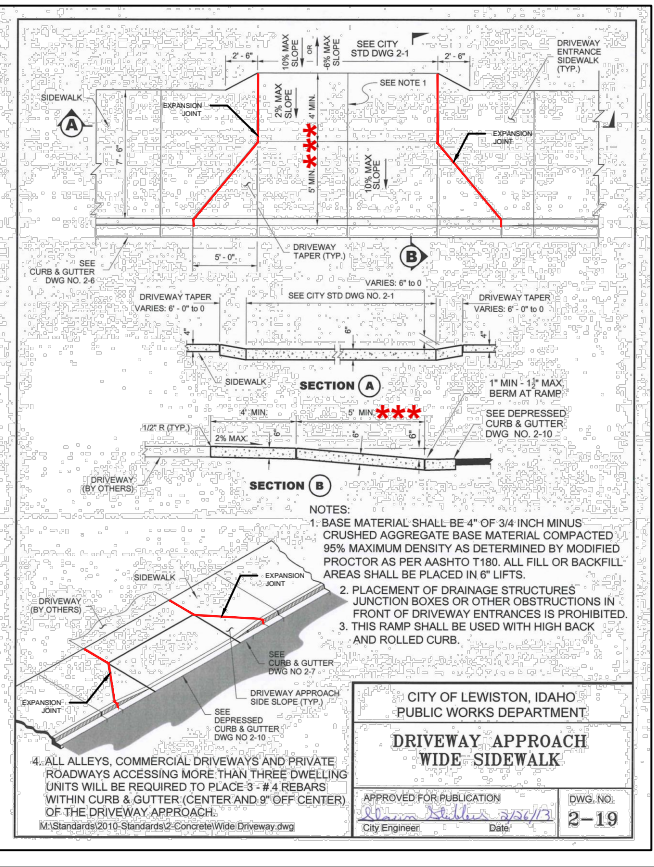
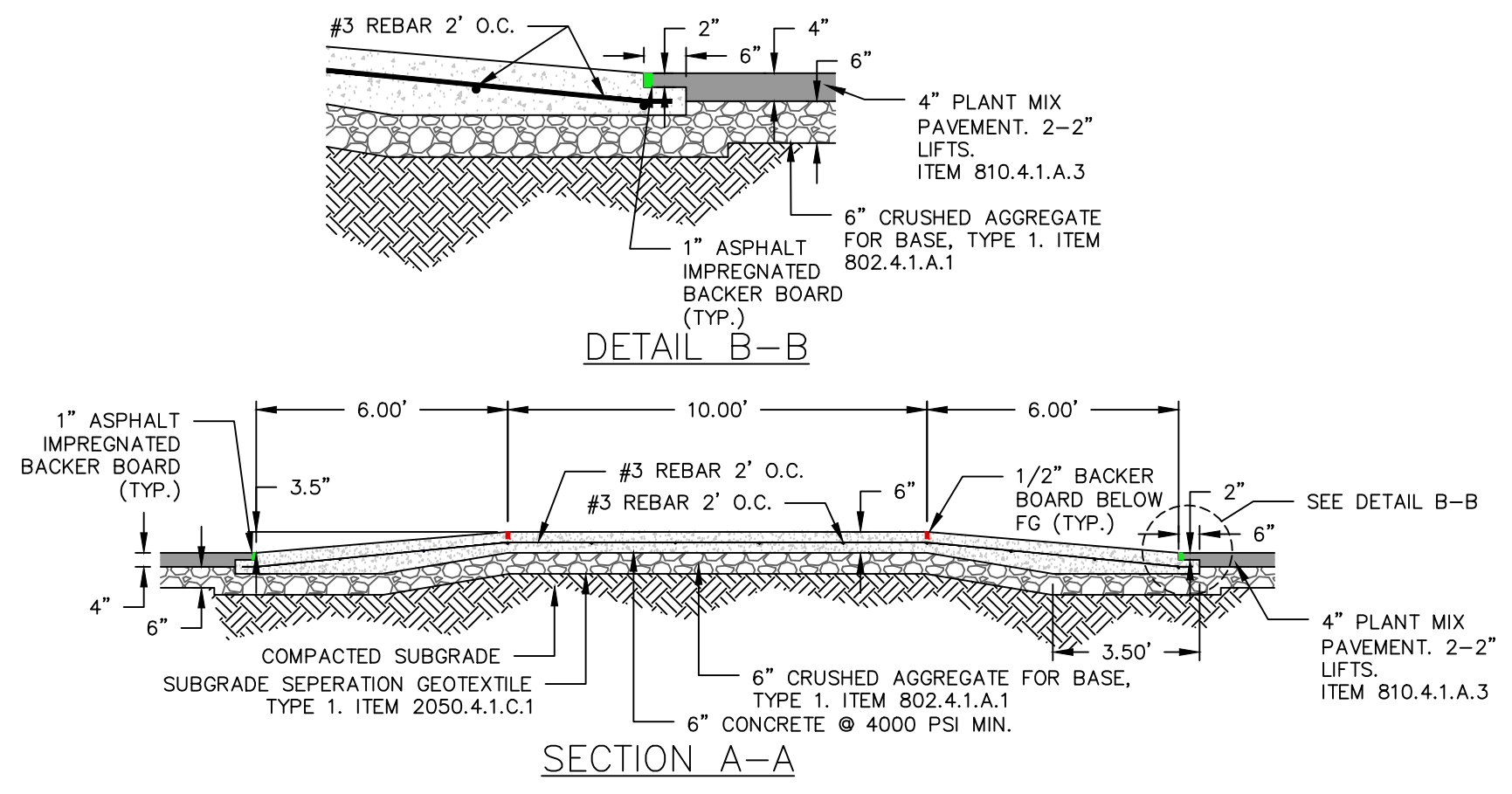
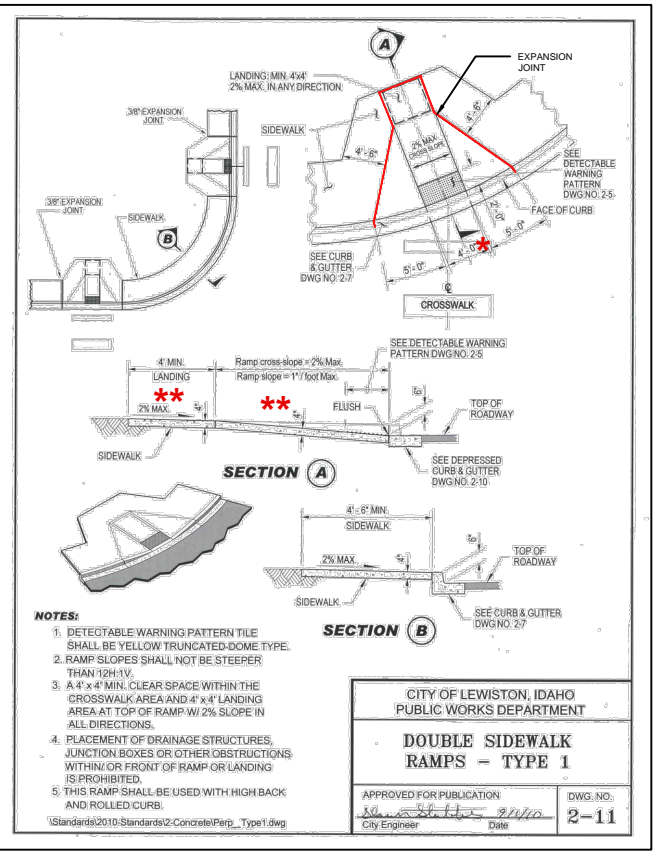
PRELIMINARY NOT FOR CONSTRUCTION

CITY OF LEWISTON PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)
TYPICAL SECTIONS & DETAILS

DESIGNED BY:	DATE:	PROJECT:
W. ROWLAND	12-8-15	IRRP-2016
DRAWN BY:	DATE:	SHEET
W. ROWLAND	12-8-15	84 of 89
CHECKED BY:	DATE:	DRAWING:
G. FREI	12-8-15	F-2

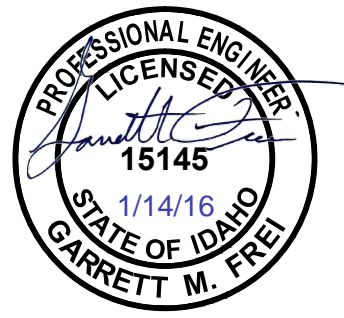


NOTES

* TYPE I PEDESTRIAN RAMPS TO BE CONSTRUCTED AT A WIDTH OF 4'-0"

** ALL RAMPS TO BE CONSTRUCTED AT A DEPTH OF 6", EXCEPT FOR THE RAMPS LOCATED AT:
F ST.
STA. 403+83.25 (RT.)
404+33.93 (LT.)
NEW 6TH ST.
STA. 802+05.49 (LT.)
802+05.57 (RT.)

*** RAMPS WILL BE CONSTRUCTED WITH A DEPTH OF 3'-0", EXCEPT FOR RAMPS LOCATED AT:
F ST.
STA. 502+99.12
503+57.28
504+15.36



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE

HORIZONTAL AS SHOWN

VERTICAL N.T.S.

WARNING

0 1/2 1

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PRELIMINARY

NOT FOR CONSTRUCTION

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON ID 83501
208-746-1916
FAX 208-746-5595

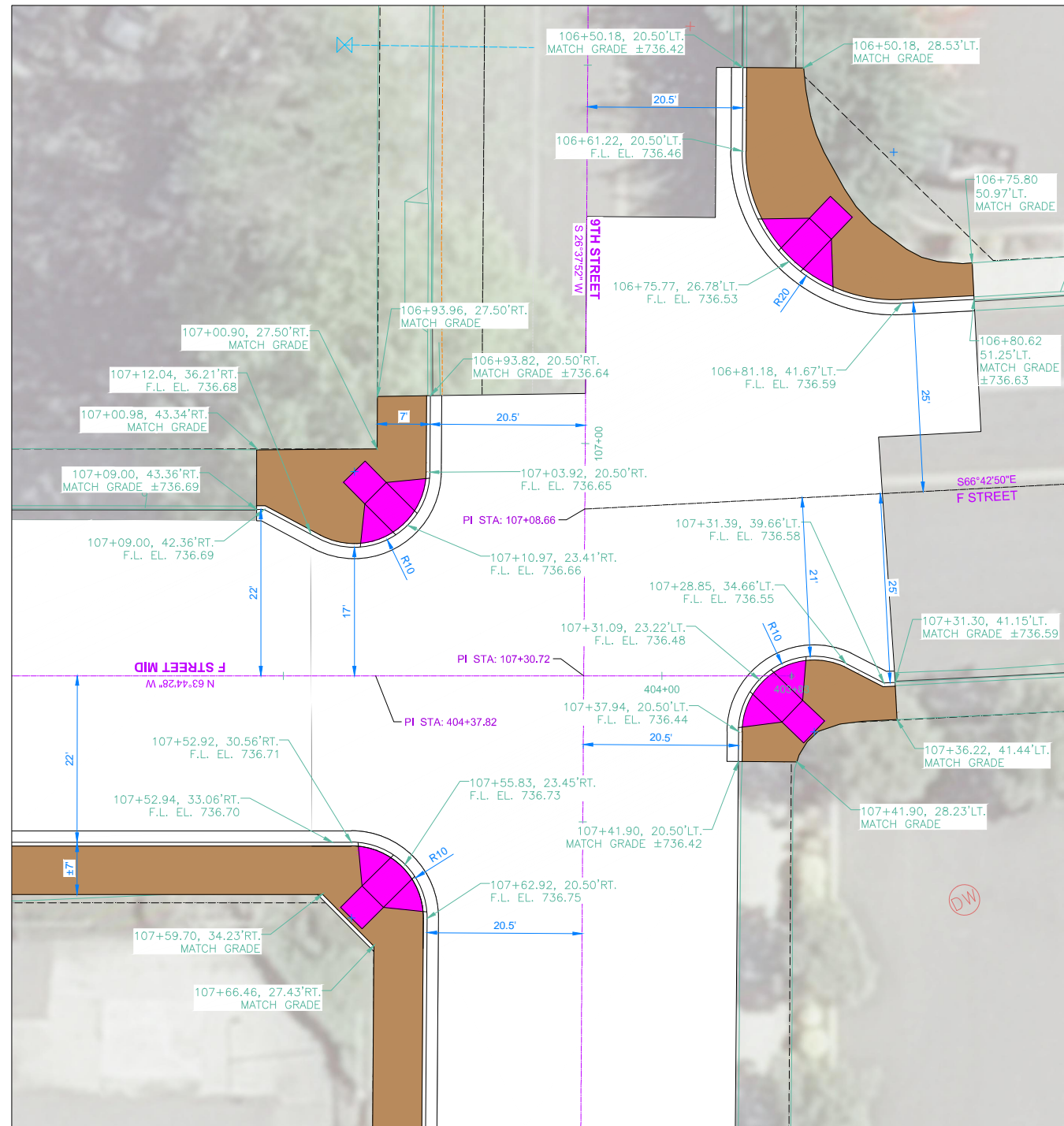


DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

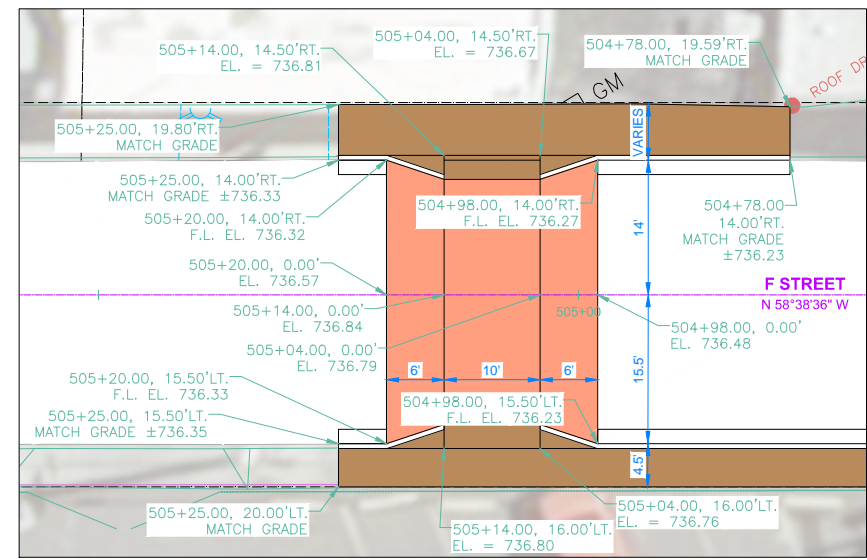
TYPICAL SECTIONS & DETAILS

DESIGNED BY:	DATE:	PROJECT:
W. ROWLAND	12-8-15	IRRP-2016
DRAWN BY:	DATE:	SHEET
W. ROWLAND	12-8-15	85 of 89
CHECKED BY:	DATE:	DRAWING:
G. FREI	12-8-15	F-3

NOTES

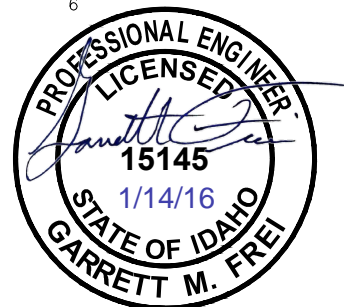


9TH ST. & F ST.
INTERSECTION DETAIL



F ST. RAISED CROSSWALK
DETAIL

- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL N.T.S.
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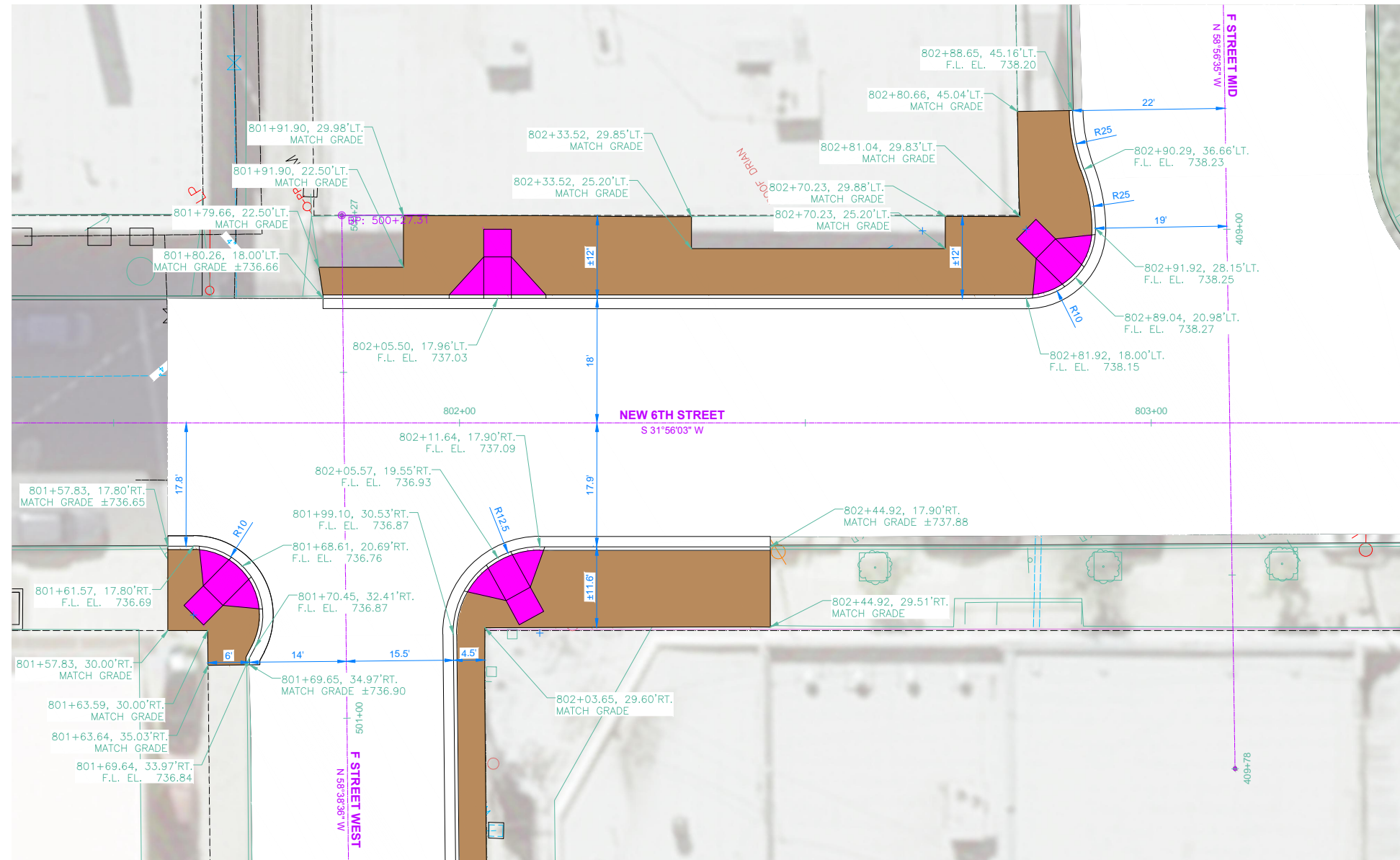
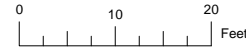
PRELIMINARY
NOT FOR
CONSTRUCTION

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



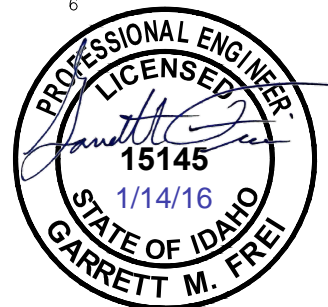
DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)
INTERSECTION DETAILS

DESIGNED BY: W. ROWLAND	DATE: 12-8-15	PROJECT: IRRP-2016
DRAWN BY: W. ROWLAND	DATE: 12-8-15	SHEET 86 OF 89
CHECKED BY: G. FREI	DATE: 12-8-15	DRAWING: F-4



NEW 6TH ST. & F ST.
INTERSECTION DETAIL

- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE	HORIZONTAL AS SHOWN	VERTICAL N.T.S.
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WARNING

THIS BAR MEASURES 1/2" ON 11"x17" SHEET
1" ON 22"x34" SHEET
WHEN PLOTTED TO SCALE

PRELIMINARY
NOT FOR
CONSTRUCTION

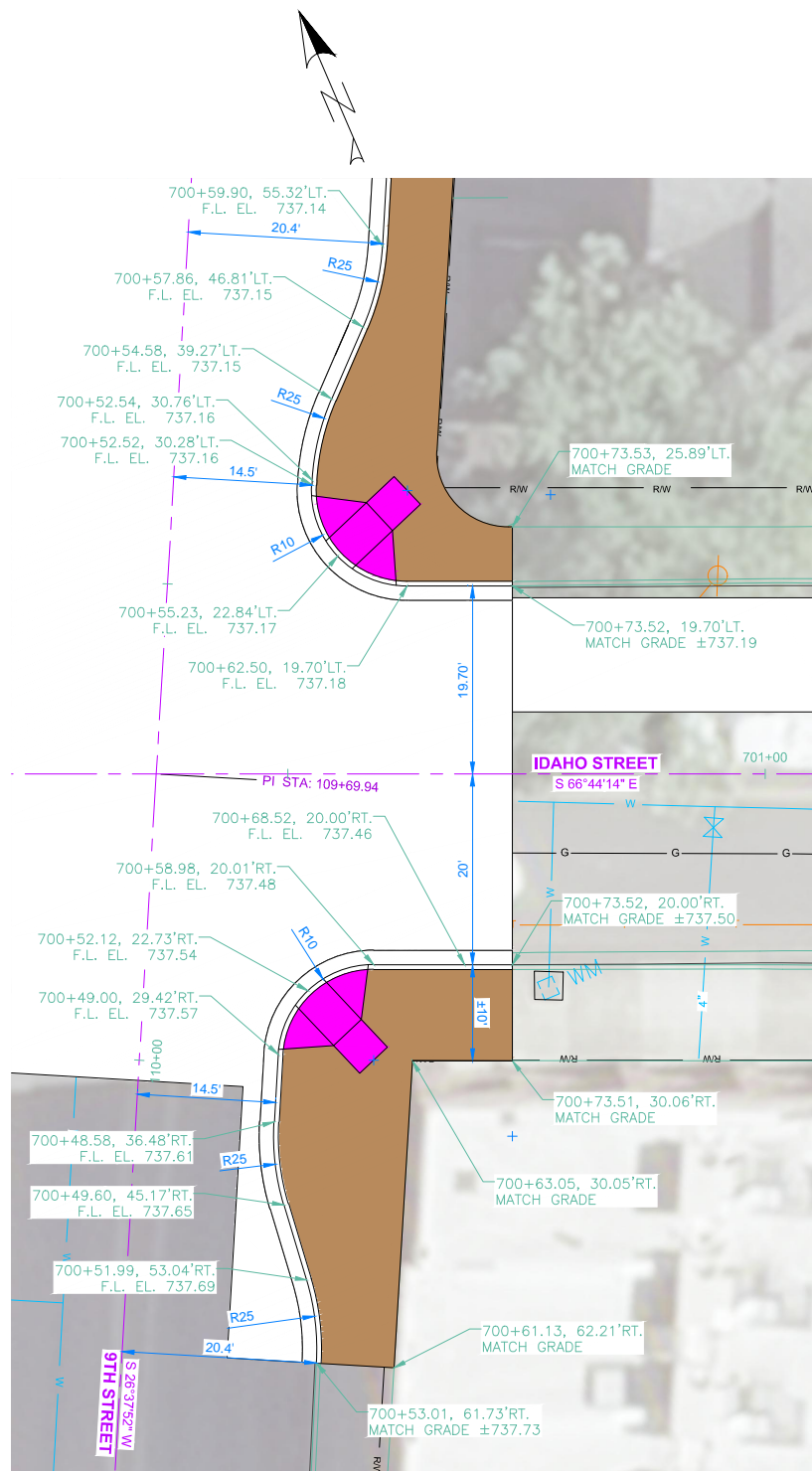
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



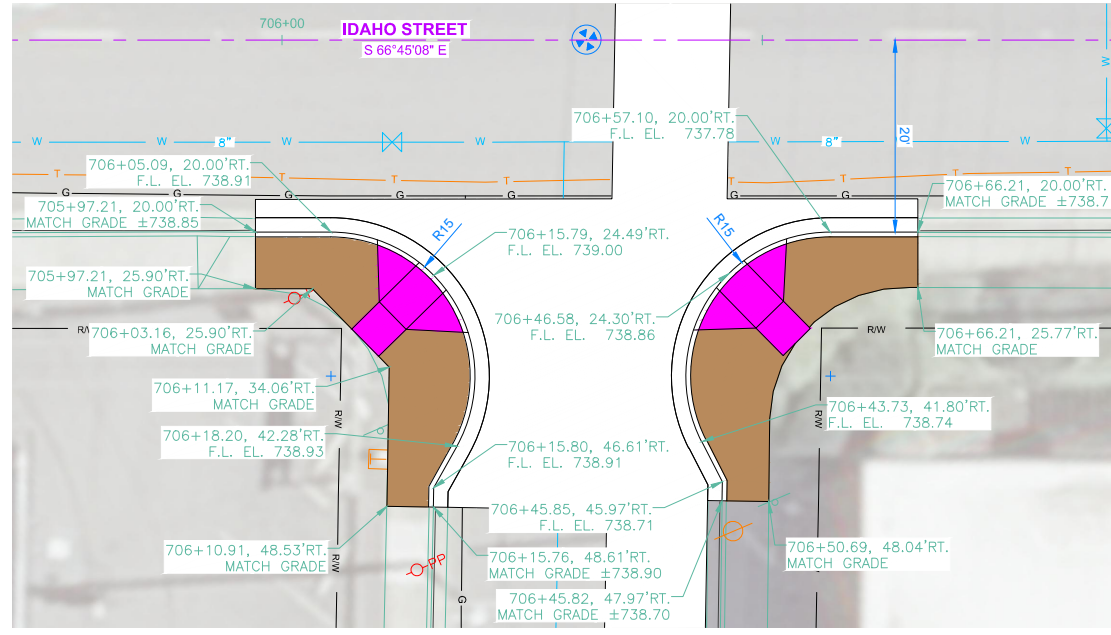
DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)

INTERSECTION DETAILS

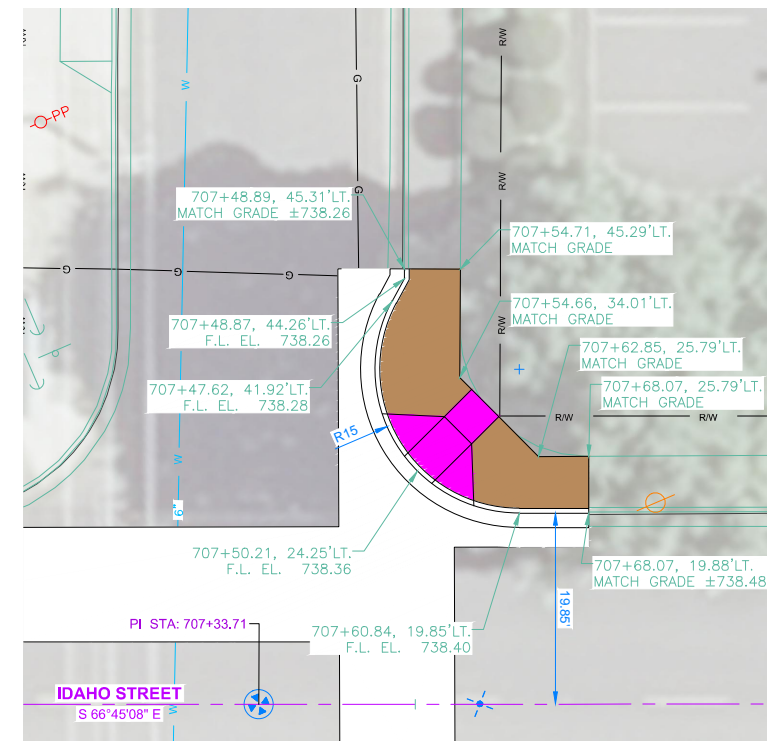
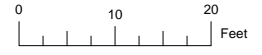
DESIGNED BY: W. ROWLAND	DATE: 12-8-15	PROJECT: IRRP-2016
DRAWN BY: W. ROWLAND	DATE: 12-8-15	SHEET 87 OF 89
CHECKED BY: G. FREI	DATE: 12-8-15	DRAWING: F-5



9TH ST. & IDAHO ST.
INTERSECTION DETAIL



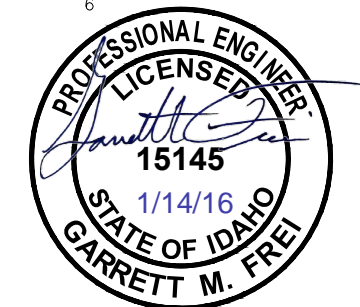
11TH ST. & IDAHO ST.
INTERSECTION DETAIL



11TH ST. & IDAHO ST.
INTERSECTION DETAIL



- PEDESTRIAN RAMP
- NEW APPROACH
- NEW PAVEMENT
- NEW CONCRETE



NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE

HORIZONTAL AS SHOWN

VERTICAL N.T.S.

WARNING

THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

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CONSTRUCTION

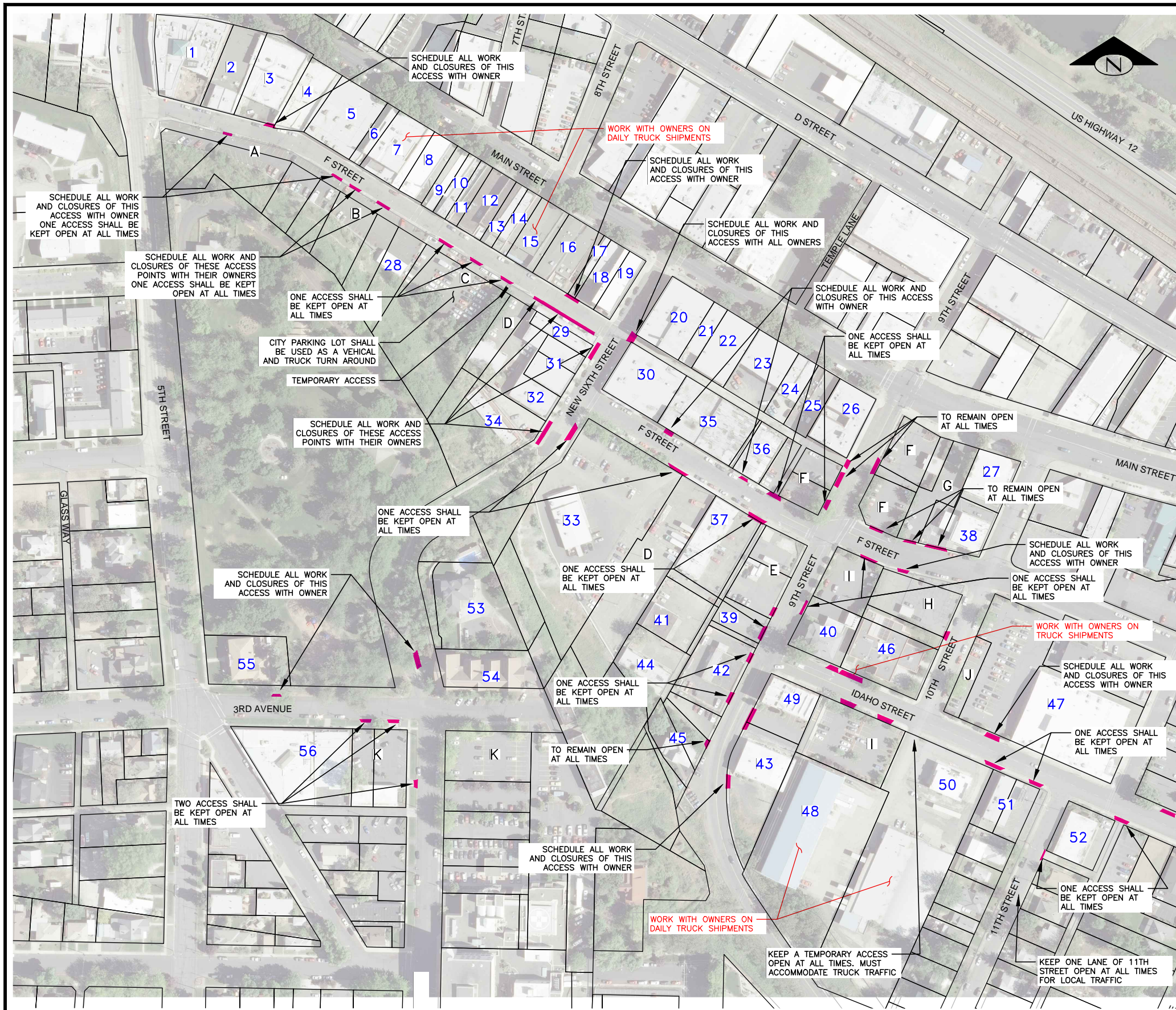
CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR
AND REPLACEMENT PROJECT (IRRP-2016)

INTERSECTION DETAILS

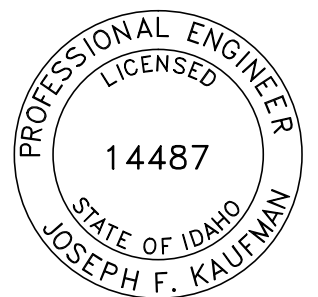
DESIGNED BY: W. ROWLAND	DATE: 12-8-15	PROJECT: IRRP-2016
DRAWN BY: W. ROWLAND	DATE: 12-8-15	SHEET 88 OF 89
CHECKED BY: G. FREI	DATE: 12-8-15	DRAWING: F-6



Bldg #	Business	Address	City	State	Owner/Contact	Phone
1	TOWN SQUARE	504 MAIN ST	LEWISTON	ID	ALEXANDER INVESTORS LLC	973-722-9027
2	BOOM TOWN	516 MAIN ST	LEWISTON	ID	STARNES JAY B &	208-746-2024
3	PAULLUCCI'S	520 MAIN ST	LEWISTON	ID	PAULLUCCI JOHN	208-743-5701
4	HEADMASTER SCHOOL OF HAIR DESIGN	604 MAIN ST	LEWISTON	ID	FOSTER PAUL	208-798-9052
5	VACANT	610 MAIN ST	LEWISTON	ID	ALEXANDER INVESTORS LLC	973-722-9027
6	GIFT WORLD INC.	610 1/2 MAIN ST	LEWISTON	ID	SMITH C D	208-746-8306
7	13 TATOO SHOP	620 MAIN ST	LEWISTON	ID	WINTHROP LINDSEY J	208-743-2413
8	GATEWAY CHURCH MINISTRIES INC	630 MAIN ST	LEWISTON	ID	BORSON HERBERT	208-746-3628
9	DIAMOND SHOP	642 MAIN ST	LEWISTON	ID	HAINES MICHAEL W &	208-743-1103
10	DIAMOND SHOP	700 MAIN ST	LEWISTON	ID	DIAMOND SHOP INC	208-746-2649
11	GATEWAY CHURCH	704 MAIN ST	LEWISTON	ID	HAINES MICHAEL W &	208-743-1103
12	DISCOVERY ANTIQUES	706 MAIN ST	LEWISTON	ID	CURTIS HUMBLE PROPERTIES LLC	208-746-1302
13	VACANT	710 MAIN ST	LEWISTON	ID	COX DAVID B &	208-245-2579
14	VACANT (OLD ROXY)	714 MAIN ST	LEWISTON	ID	BETHABARA FELLOWSHIP	208-750-1081
15	LARGENTS	720 MAIN ST	LEWISTON	ID	LAVOIE BROTHERS	208-743-8579
16	VACANT	800 MAIN ST	LEWISTON	ID	RENCEHAUSEN GARY L	208-746-1459
17	LEWIS CLARK ASSOCIATION OF REALTORS	810 MAIN ST	LEWISTON	ID	ROSS JOHN P &	208-413-6606
18	MAIN STREET TATTOO	812 MAIN ST	LEWISTON	ID	LAMB MARK D &	208-743-0211
19	STRYKER	816 MAIN ST	LEWISTON	ID	MADER DANIEL K	208-285-0135
20	GOICOECHEA LAW OFFICE	826 MAIN ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
21	THE FOURTH WALL	832 MAIN ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
22	LaCHARVOR BOUTIQUE	836 MAIN ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
23	PRAYER CONNECTION	842 MAIN ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
24	CASTELLAW KOM ARCHITECTS	850 MAIN ST	LEWISTON	ID	CASTELLAW KOM ARCHITECTS	208-746-0183
25	EMPEROR OF INDIA KING THAI	858 MAIN ST	LEWISTON	ID	KHURANA PRAVEEN	208-798-4804
26	WELLS FARGO	868 MAIN ST	LEWISTON	ID	FIRST SECURITY BANK OF IDAHO	208-799-6235
27	CENTURY 21	920 MAIN ST	LEWISTON	ID	LEWISTON C21 LLC	208-799-2100
28	STORAGE	628 F ST	LEWISTON	ID	WINTHROP LINDSEY J	
29	STORAGE	818 F ST	LEWISTON	ID	YATES MICHAEL E &	208-746-6756
30	SHINN REIMER SATALITE	119 NEW 6TH ST	LEWISTON	ID	ELDRON KENNETH &	208-743-6665
31	COMMUNITY ACTION PARTNERSHIP	124 NEW 6TH ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
32	COMMUNITY ACTION PARTNERSHIP	132 NEW 6TH ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
33	COMMUNITY ACTION FOOD BANK	133 NEW 6TH ST	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
34	JUSTICE APARTMENTS	240 NEW 6TH ST	LEWISTON	ID	EIMERS SANDRA P &	208-983-2587
35	VACANT	835 F ST	LEWISTON	ID	PROJECT 12 PROPERTIES LLC	
36	G & A WHEEL	847 F ST	LEWISTON	ID	STODDARD WAYNE A	208-743-0882
37	BOB JACKSON BODY REPAIR	856 F ST	LEWISTON	ID	JACKSON ROBERT D	208-743-5721
38	LUMPLA BANK	921 F ST	LEWISTON	ID	FIRST FEDERAL SAVINGS & LOAN	208-743-4592
39	ACCESS & PARKING	140 9TH ST	LEWISTON	ID	SDM PROPERTIES L L C	208-816-2297
40	VACANT	141 9TH ST	LEWISTON	ID	KAMIAH COMM. CREDIT UNION	208-935-0277
41	ROTTEN LEONARD'S JALOPLY SHOP	142 9TH ST	LEWISTON	ID	SDM PROPERTIES L L C	208-816-2297
42	NATIONSERVE GARAGE DOORS	206 9TH ST	LEWISTON	ID	WARNER AVE DEVELOPMENT LLC	208-743-2101
43	WEISGERBER (VACANT)	209 9TH ST	LEWISTON	ID	SCHARNHORST DIXIE TRUSTEE	208-746-3087
44	?? APARTMENT COMPLEX	216 9TH ST	LEWISTON	ID	MCCABE KEVIN N &	509-737-9004
45	RISE SUN SOBER LIVING	224 9TH ST	LEWISTON	ID	ARCHAMBEAU MARC	208-882-9436
46	REGION II JUVENILE CENTER	140 10TH ST	LEWISTON	ID	NEZ PERCE COUNTY	208-799-3176
47	IDAHO NORTH CENTRAL DIST. HEALTH	215 10TH ST	LEWISTON	ID	IDAHO STATE OF	208-799-3100
48	SYLVANS WAREHOUSE	222 10TH ST	LEWISTON	ID	SHAUL KAREN J SYLVANS	208-743-8600
49	IDAHO DEPT. OF CORRECTIONS DIST. 2	908 IDAHO ST	LEWISTON	ID	INLAND AUTO GLASS INC	208-746-3644
50	SNAKE RIVER REHABILITATION	1002 IDAHO ST	LEWISTON	ID	SYLVANS	208-743-8600
51	GOOD HEALTH INC.	1018 IDAHO ST	LEWISTON	ID	JACKSON RICHARD G ETAL	208-746-2261
52	CHAPMAN LAW OFFICES PLLC	1106 IDAHO ST	LEWISTON	ID	CRTWG A GENERAL PARTNERSHIP	208-743-1234
53	RESIDENCE	257 PARKWAY	LEWISTON	ID	CHANDLER CLINT A &	
54	THOMPSON APARTMENTS	615 3RD AVE	LEWISTON	ID	JOHNSON DONNA J &	208-413-0240
55	CHURCH	287 5TH ST	LEWISTON	ID	PACIFIC DIVISION, OPEN BIBLE	208-746-6150
56	MEDICAL CLINIC	307 ST JOHNS WAY	LEWISTON	ID	ST JOSEPH'S REGIONAL MEDICAL	208-743-2511
A	PARKING LOT	N/A	LEWISTON	ID	ALEXANDER INVESTORS LLC	973-722-9027
B	PARKING LOT	N/A	LEWISTON	ID	WINTHROP LINDSEY J	
C	PARKING LOT	N/A	LEWISTON	ID	LEWISTON CITY OF	208-746-1316
D	PARKING LOT	N/A	LEWISTON	ID	J M S LIMITED PARTNERSHIP	208-743-1733
E	PARKING LOT	N/A	LEWISTON	ID	JACKSON ROBERT D	208-743-5721
F	PARKING LOT	N/A	LEWISTON	ID	FIRST SECURITY BANK OF IDAHO	208-799-6235
G	PARKING LOT	N/A	LEWISTON	ID	LEWISTON C21 LLC	208-799-2100
H	PARKING LOT	N/A	LEWISTON	ID	FIRST FEDERAL SAVINGS & LOAN	208-743-4592
I	PARKING LOT	N/A	LEWISTON	ID	KAMIAH COMM. CREDIT UNION	208-935-0277
J	PARKING LOT	N/A	LEWISTON	ID	NEZ PERCE COUNTY	208-799-3176
K	PARKING LOT	N/A	LEWISTON	ID	ST JOSEPH'S REGIONAL MEDICAL	208-743-2511

NOTES:

1. Critical access requirements as shown on this sheet shall be included in the work traffic control plan developed by the contractor. Work and materials necessary to meet these requirements shall not be paid for separately but shall be included under Bid Item 1103.4.1.B.1 Traffic Control.
2. These critical access requirements shall be in addition to the roadway traffic control as required for the installation of the waterlines, storm drainage system, sanitary sewer point repairs and all street improvements.
3. The Contractor shall provide notification of any access closures to the Engineer prior to closing the access. Approval of the closure by the Engineer will be required prior to construction causing restriction of the access. The Contractor shall cooperate with the Engineer and the City of Lewiston personnel to minimize disturbance to businesses and public facilities. Where possible alternate access or detours shall be provided for durations lasting longer than one business day.



BID DOCUMENTS

CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

NO.	DATE	FILENAME	DESCRIPTION	BY
			REVISIONS	

SCALE
HORIZONTAL AS SHOWN
VERTICAL NA

WARNING
0 1/2 1
THIS BAR MEASURES 1/2" ON 11"x17" SHEET 1" ON 22"x34" SHEET WHEN PLOTTED TO SCALE

CITY OF LEWISTON
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
215 'D' STREET, LEWISTON, ID 83501
208-746-1316
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2016)

CRITICAL ACCESS PLAN

DESIGNED BY: J. KAUFMAN	DATE: 2015	PROJECT: IRRP-2016
DRAWN BY: B. STEWART	DATE: 12-16-2015	SHEET 89 OF 89
CHECKED BY: S. STUBBERS	DATE: 01-14-2016	DRAWING: T-1