PORT OF LEWISTON
HARRY WALL INDUSTRIAL PARK
INFRASTRUCTURE EXTENSION PROJECT
LEWISTON, IDAHO
S 30, T36 N, R 5 W
January 2013

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS AND THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), 2012 EDITION. IN THE CASE OF CONFLICT, THE PROJECT PLANS AND TECHNICAL SPECIFICATIONS WILL PREVAIL OVER CITY STANDARDS WHICH WILL PREVAIL OVER ISPWC.
2. AN NPDES CONSTRUCTION GENERAL PERMIT AND SWPPP ARE REQUESTED. SEE SP-1000 IN THE SPECIAL PROVISIONS FOR DETAILS.
3. WASTE AND STOCKPILE AREAS WILL BE AS DIRECTED BY ENGINEER AND/OR AS SHOWN.
4. PAVEMENT IN AREAS WHERE THE CONTRACTOR MUST CROSS WITH EQUIPMENT SHALL BE PROTECTED. ANY DAMAGED PAVEMENT SECTIONS SHALL BE CUT OUT AND REPAVED IN ACCORDANCE WITH SECTION 810.
5. STAGING AREAS AND HAUL ROADS ON NATURAL GROUND, SHALL BE DISKED, GRADED, AND SEEDED IN ACCORDANCE WITH 206 SEEDING, UPON COMPLETION OF THE PROJECT. HAUL ROADS ON EXISTING GRAVEL AND DIRT ROADS SHALL BE GRADED AND ROLLED UPON COMPLETION OF THE PROJECT. THIS COST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. STAGING AREAS WILL BE AS SHOWN OR AS DIRECTED BY ENGINEER.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE QUALITY CONTROL AND QUANTITY OF THE SOURCES OF MATERIAL TO BE USED.
8. WATER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTACT DAVE SIX, CITY OF LEWISTON WATER SYSTEMS MANAGER, AT (208) 743-7461 FOR PRICING AND CONNECTION OPTIONS.
9. THE CONTRACTOR SHALL HAVE ACCESS THROUGH APPROVED ACCESS POINTS ONLY. ACCESS AND CONSTRUCTION ROUTES WILL BE MAINTAINED AND RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES AND POWER CABLES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND ELECTRICAL EQUIPMENT, UNLESS NOTED OTHERWISE.
11. EXISTING SURVEY MONUMENTS SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION.
12. TEMPORARY DRAINAGE CONTROL MUST BE MAINTAINED DURING CONSTRUCTION.
13. ALL BITUMINOUS SURFACE COURSE CONSTRUCTION JOINTS, TRANSVERSE AND LONGITUDINAL, MORE THAN 24 HOURS OLD SHALL BE CUT VERTICALLY 2 TO 3 INCHES BACK FROM THE JOINT AND MATERIAL REMOVED. CUTTING AND MATERIAL REMOVAL SHALL BE INCIDENTAL TO SECTION 810 ITEMS.
14. CONTRACTOR IS RESPONSIBLE FOR PROTECTING WORK AREAS FROM STORM WATER DRAINAGE. DAMAGED WORK AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
15. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN FOR PROJECT IMPLEMENTATION 7 CALENDAR DAYS PRIOR TO BEGINNING CONSTRUCTION. ALL TRAFFIC CONTROL PROVIDED SHALL BE IN ACCORDANCE WITH THE IDAHO TRANSPORTATION DEPARMENT CURRENT ADOPED VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AS AMENDED, USING APPROVED DEVICES. CONSTRUCTION TRAFFIC CONTROL SHALL BE INCIDENTAL TO OTHER ITEMS.

LEGEND

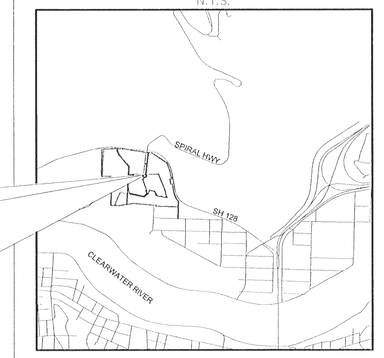
EXISTING	PROPOSED	DESCRIPTION
		CURB & GUTTER (STANDARD 24 INCH)
		DITCH
		EDGE OF GRAVEL
		EDGE OF PAVEMENT
		GRADE BREAK
		FENCE (CHAIN LINK)
2300	2300	INDEX CONTOUR
		INTERMEDIATE CONTOUR
TV	TV	CABLE TV
G	G	GAS LINE
		POWER CABLE IN DUCT
P	P	UNDERGROUND POWER LINE (UTILITY)
SS	SS	SANITARY SEWER PIPE
SD	SD	STORM DRAIN PIPE
T	T	TELEPHONE LINE
W	W	WATER PIPE
		EASEMENT
		LOT LINE
		CENTERLINE
HYD	HYD	FIRE HYDRANT ASSEMBLY
		MANHOLE
		PIPE CAP
		POWER POLE
		POWER POLE ANCHOR
		POWER TRANSFORMER
		TELEPHONE RISER
		UTILITY JUNCTION BOX
		VALVE
		CENTERLINE MONUMENT

DRAWING INDEX

SHEET	TITLE
1	COVER
2	PROJECT LAYOUT PLAN
3	WALL STREET PLAN / PROFILE
4	NORTH SANITARY LINE PLAN / PROFILE
5	SOUTH SANITARY LINE PLAN / PROFILE
6	CUL-DE-SAC GRADING DETAILS
7	DETAILS
8	DETAILS
9	DETAILS
10	SWPPP

PROJECT SITE

VICINITY MAP
N.T.S.



ITEM	MATERIAL	TEST / STANDARD	ACCEPTANCE	FREQUENCY	INSPECTOR/CO.	DATE	INITIAL
1. SOILS COMPACTION (All Utility Trenches)							
TRENCH SUBGRADE	Native (6" to 8" Lifts Max.)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	92% Max. Dry Density	1 Test every 200 linear feet of pipe installed, but no less than one (1) test per pipe installed.			
PIPE BEDDING	3/4" minus Crushed Aggregate (4" Max. Lift) (2004 ITD Spec 703.04)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	92% Max. Dry Density				
1st 1' OF FILL OVER PIPE	3/4" minus Crushed Aggregate (12" Lift) (2004 ITD Spec 703.04)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	92% Max. Dry Density				
TRENCH BACKFILL UNDER PROPOSED ROAD	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density				
TRENCH BACKFILL UNDER EXISTING ROAD CUT PARALLEL TO CENTERLINE	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density				
TRENCH BACKFILL UNDER EXISTING ROAD CUT PERPENDICULAR TO CENTERLINE	3/4" minus Crushed Aggregate (8" Lift) (2004 ITD Spec 703.04)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density				
TRENCH BACKFILL UNDER EASEMENT / NON-TRAFFICKED AREA	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	92% Max. Dry Density				
STRUCTURAL FILLS	As Spec'd by Engineer	As Spec'd by Engineer		As Spec'd by Engineer			
3. WATER MAINS							
Ductile Iron or PVC Water Main	AWWA C-151, C-900, C-905 (Class as Req'd)		Certified & Visual by City		Certified & Visual by City		
ALIGNMENT AND GRADE	N/A	AWWA C-600, AWWA C-605		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	AWWA C-600, AWWA C-605		Each Joint			
THRUST BLOCKS	Concrete, 2500 PSI Mix	Per plan/Std Dwg		Each Joint	Certified & Visual by City		
HYDROSTATIC PRESSURE	N/A	2 Hrs, NTE Allowable Leakage Per AWWA C-600, AWWA C-605		125% Working Pressure, NTE Allow Working Press			
CHLORINATION/BACTERIA	N/A	AWWA C-651		2 Passing Tests	CITY OF LEWISTON		
4. SEWER MAINS							
PVC Sewer main	PVC, SDR 35	ASTM 3034		N/A			
ALIGNMENT AND GRADE	N/A	N/A		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Per Manufacturer's Instructions		Each Joint			
MANHOLES	Concrete	Hydrostatic Test		Each Joint			
PRESSURE TEST	N/A	4 PSI for 15 Minutes, 1/2 PSI Drop		Between Access Holes			
VIDEO INSPECTION	N/A	No Perforations, Dents or Dimples, No Bellies > 0.02'	Public Works Policy No 2012-2	Between Access Holes			
5. CONCRETE CURB, GUTTER & SIDEWALK							
CONCRETE	CLASS 35B - Approved Mix Design Required with Min Cement Content of 560 Lb/CY, Max Water/ Cement Ratio of .44, a WRA, and an AEA	AASHTO T-22 Compressive Strength of Concrete AASHTO T-23 Making Test Specimens AASHTO T-119 Slump of Hydraulic Cement Concrete AASHTO T-152 Air Content of Freshly Mixed Concrete AASHTO T-309 Temperature of Freshly Mixed Concrete WAQTC TM-2 Sampling Freshly Mixed Concrete	Min. 28 day Compressive Strength = 3500 psi Max. Slump = 5 inches Air Content Percent = 5% - 8.0% Temperature = 50°F - 80°F	1 of Each Test Minimum per Day, or 1 of Each Test per 50 CY			
ALIGNMENT AND GRADE	N/A	Visual	+ 0.02' from Design Grade/Alignment	Per 10' Section	City Approval		
JOINTS/FLATNESS/STRAIGHTNESS	N/A	Visual	+ 0.02'/10' Segment	Per 10' Section			
FINISH	N/A	Visual	Floated, Uniform, Light Broom Finish	Entire Surface Area			
6. ROADWAY							
HOT MIX ASPHALT	ITD Class II 1/2" or ITD Superpave Class SP-2, 3, or 4 1/2" - Appv'd Mix Design Required	AASHTO T 166, Method C, Specific Gravity of HMA AASHTO T 209, Test for Maximum Specific Gravity WAQTC TM-8, In-Place Density of Bituminous Mixes	92%-95% Max. Theoretical Density	1Test Per 750 Ton-Min 1 Test			
CRUSHED AGGREGATE BASE COURSE	3/4" Minus Crushed Aggregate - Approved Source Required - (2004 ITD Spec 303 and 703.04)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	1 Tests Per 500 LF-Min 2 Tests			
SUBGRADE/ EMBANKMENT	N/A	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	Class A Compaction	1 Test per 300 linear feet of roadway and 1 test per 10,000 square feet of general fill and embankment areas for each lift.			
7. Erosion & Sediment Controls	Per Plan	Per Plan and Manufacturers' Instructions		As per 2012 CGP			
8. Traffic Control	Per Plan	MUTCD/ATSSA		Continuous			
9. Record Drawings	AutoCAD Elect File, Bond Paper, 22" x 34" Min Size	City Checklist		Before Public Improvements Accepted			
10. Engineer's Certification							
11. Quality Assurance Testing	See Contractor note 21 in the project Special Provisions.						
Date Last: Revised October 2012							

Underground Service Alert
CALL BEFORE YOU DIG
CALL:TOLL FREE
1-800
342-1585
TWO WORKING DAYS BEFORE YOU DIG

OWNER:
PORT OF LEWISTON
1626 6TH AVENUE NORTH
LEWISTON, ID 83501
(208) 743-5531

77 Southway, Suite C
Lewiston, Id. 83501
Phone: (208) 743-3818
Fax: (208) 743-3819
RIEDESEL Engineering

REVISIONS

NO.	DATE	BY	DESCRIPTION
1.	1-14-13	BJW	REVISED PER CITY COMMENTS
2.	-	-	-
3.	-	-	-
4.	-	-	-
5.	-	-	-
6.	-	-	-

HARRY WALL INDUSTRIAL PARK
INFRASTRUCTURE EXTENSION PROJECT
2013
COVER SHEET

JOHN P. MORTENSON
PROFESSIONAL ENGINEER
REGISTERED
13055
01/04/2013
STATE OF IDAHO

DESIGNED	BJW
DESIGN CHECKED	JRW / JPM
DETAILED	BJW
DRAWING CHECKED	JRW / JPM
FILE NAME	2060-COVER.dwg
DRAWING DATE	1/4/13
DRAWING SCALE	AS SHOWN
SHEET 1 OF 10	

PLOT DATE: 1/4/2013
E:\PROJECTS\2060-HARRY WALL INDUSTRIAL SITE EXPANSION\CADD\CIVIL 3D\DRAWINGS\2060-COVER.DWG

#2 Resub - Engineering
11121
M12-000008