

CONTRACT

FA96 (Form 650019)
05-13

Letting Date: July 21, 2015 Contract ID: 97-0296-258 Bid Order No.: 304
County: WOODBURY Project Engineer: SIOUX CITY RCE
Cost Center: 601000 Object Code: 890 DBE Commitment \$172,904.50
Contract Work Type: SANITARY SEWER

This agreement made and entered by and between the CITY OF SIOUX CITY CONTRACTING AUTHORITY,
AND
MINGER CONSTRUCTION COMPANIES, INC. OF JORDAN, MN, (MI874), CONTRACTOR

It is agreed that the notice and instructions to bidders, the proposal filed by the Contractor, the specifications, the plan, if any, for project(s) listed below, together with Contractor's performance bond, are made a part hereof and together with this instrument constitute the contract. This contract contains all of the terms and conditions agreed upon by the parties hereto. A true copy of said plan is now on file in the office of the Contracting Authority under date of 07/16/2015

PROJECT: IM-NHS-029-6(258)147--03-97 COUNTY: WOODBURY
WORK TYPE: SANITARY SEWER ACCOUNTING ID: 32797
ROUTE: I-29 LENGTH (MILES): 0
LOCATION: IN THE CITY OF SIOUX CITY FROM FLOYD BLVD. TO
PERRY CREEK LIFT STATION
FEDERAL AID - PREDETERMINED WAGES ARE IN EFFECT

The specifications consist of the Standard Specifications for Highway and Bridge Construction, Series 2012 of the Iowa Department of Transportation plus the following Supplemental Specifications, Special Provisions, and addendums: FHWA-1273.05, GS-12006, IA15-1.1, SP-120346, SP-120347,
ADDENDUMS: 21JUL304.A01, 21JUL304.A02

Contractor, for and in considerations of \$7,730,785.49 payable as set forth in the specifications constituting a part of this contract, agrees to construct various items of work and/or provide various materials or supplies in accordance with the plans and specifications therefore, and in the locations designated in the Notice to Bidders.

Contractor certifies by signature on this contract, under pain of penalties for false certification, that the Contractor has complied with Iowa Code Section 452A.17(8) as amended, if applicable, and Iowa Code Section 91C.5 (Public Registration Number), if applicable.

In consideration of the foregoing, Contracting authority hereby agrees to pay the Contractor promptly and according to the requirements of the specifications the amounts set forth, subject to the conditions as set forth in the specifications.

It is further understood and agreed that the above work shall also be commenced or completed in accordance with Page 1B of this Contract and assigned Proposal Notes.

To accomplish the purpose herein expressed, the Contracting authority and Contractor have signed this and one other identical instrument.

For Federal-Aid contracts the Contractor certifies that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the contract.

By *Patrick J. Minger* Contractor (if joint venture)
By *Rep. Acker* Contracting Authority
Iowa DOT Concurrence *Wm W. Engman* For Local Agency Contracts
Contract Award Date 08/24/15
Concurrence Date AUG 25 2015

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It is further understood and agreed that the above work shall be commenced or completed in accordance with the following schedule:

SITE NUMBER	CONTRACT PERIOD /SITE DESCRIPTION	LIQUIDATED DAMAGES
	CONTRACT LATE START DATE 08/24/2015 180 WORKING DAYS	\$2,000.00
01	CONTRACT COMPLETION DATE: 11/15/2015 REFER TO SITE NUMBER 01 DESCRIPTION BELOW.	\$2,000.00
02	NO START DATE SPECIFIED 30 WORKING DAYS REFER TO SITE NUMBER 02 DESCRIPTION BELOW.	\$1,000.00

CONTRACT NOTES

*** SITE NUMBER 01 ***

COMPLETE ALL WORK AS CALLED TO BE EXPEDITED IN STAGE 1
STAGING NOTES (TAB. 108-26A) ON PLAN SHEET J.1

*** SITE NUMBER 02 ***

TO COMPLETE THE WORK INVOLVING THE CLOSURE OF PARKING LOT A
AND THE MISSOURI RIVER RECREATION TRAIL DURING STAGE 2.

CONTRACT SCHEDULE OF PRICES

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 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
SECTION 0001 ROADWAY ITEMS				
100% SRF CLEAN WATER				
0010	2101-0850002 CLEARING AND GRUBBING	 197.000 UNIT	 21.00000	 4,137.00
0020	2102-2710070 EXCAVATION, CLASS 10, ROADWAY AND BORROW	 5,610.000 CY	 7.60000	 42,636.00
0030	2102-2712015 EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	 25.000 CY	 27.00000	 675.00
0040	2102-2713090 EXCAVATION, CLASS 13, WASTE	 3,825.000 CY	 20.00000	 76,500.00
0050	2105-8425005 TOPSOIL, FURNISH AND SPREAD	 2,379.000 CY	 31.25000	 74,343.75
0060	2107-0875000 COMPACTION WITH MOISTURE AND DENSITY CONTROL	 3,809.800 CY	 2.35000	 8,953.03
0070	2107-3825025 GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN	 500.000 CY	 50.50000	 25,250.00
0080	2111-8174100 GRANULAR SUBBASE	 84.000 SY	 50.00000	 4,200.00
0090	2123-7450020 SHOULDER FINISHING, EARTH	 58.230 STA	 370.00000	 21,545.10
0100	2301-1033080 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	 9,569.900 SY	 49.90000	 477,538.01

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0110	2312-8260051 GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	200.000 TON	33.25000		6,650.00	
0120	2401-6750001 REMOVALS, AS PER PLAN	LUMP	LUMP		1,030.00	
0130	2402-2720000 EXCAVATION, CLASS 20	803.000 CY	19.00000		15,257.00	
0140	2403-0100020 STRUCTURAL CONCRETE (RCB CULVERT)	55.300 CY	950.00000		52,535.00	
0150	2404-7775000 REINFORCING STEEL	7,908.000 LB	3.55000		28,073.40	
0160	2414-6444100 STEEL PIPE PEDESTRIAN HAND RAILING	20.000 LF	85.00000		1,700.00	
0170	2435-0130148 MANHOLE, SANITARY SEWER, SW-301, 48 IN.	1.000 EACH	8,765.00000		8,765.00	
0180	2435-0130172 MANHOLE, SANITARY SEWER, SW-301, 72 IN.	10.000 EACH	15,750.00000		157,500.00	
0190	2435-0130184 MANHOLE, SANITARY SEWER, SW-301, 84 IN.	1.000 EACH	24,000.00000		24,000.00	
0200	2435-0130384 MANHOLE, SANITARY SEWER, SW-303, 84 IN.	1.000 EACH	27,500.00000		27,500.00	
0210	2435-0130410 MANHOLE, SANITARY SEWER, SW-304 MODIFIED	1.000 EACH	105,000.00000		105,000.00	

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0220	2435-0140148 MANHOLE, STORM SEWER, SW-401, 48 IN.	1.000 EACH	4,200.00000		4,200.00	
0230	2435-0140160 MANHOLE, STORM SEWER, SW-401, 60 IN.	1.000 EACH	4,980.00000		4,980.00	
0240	2435-0140184 MANHOLE, STORM SEWER, SW-401, 84 IN.	1.000 EACH	10,750.00000		10,750.00	
0250	2435-0140400 MANHOLE, STORM SEWER, SW-404 (4FT X 7FT)	1.000 EACH	16,750.00000		16,750.00	
0260	2435-0140400 MANHOLE, STORM SEWER, SW-404 (6FT X 6FT)	1.000 EACH	17,250.00000		17,250.00	
0270	2435-0140400 MANHOLE, STORM SEWER, SW-404 (7FT X 7FT)	1.000 EACH	19,850.00000		19,850.00	
0280	2435-0140410 MANHOLE, STORM SEWER, SW-404 MODIFIED (12FT X 16FT)	1.000 EACH	257,750.00000		257,750.00	
0290	2435-0140410 MANHOLE, STORM SEWER, SW-404 MODIFIED (4FT X 7FT)	1.000 EACH	16,735.00000		16,735.00	
0300	2435-0250700 INTAKE, SW-507	29.000 EACH	3,300.00000		95,700.00	
0310	2435-0250710 INTAKE, SW-507 MODIFIED	2.000 EACH	5,000.00000		10,000.00	
0320	2435-0250800 INTAKE, SW-508	1.000 EACH	5,890.00000		5,890.00	

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0330	2435-0250900 INTAKE, SW-509	4.000 EACH	13,600.00000		54,400.00	
0340	2435-0250910 INTAKE, SW-509 MODIFIED	2.000 EACH	8,700.00000		17,400.00	
0350	2435-0254100 INTAKE, SW-541	2.000 EACH	7,805.00000		15,610.00	
0360	2435-0600020 MANHOLE ADJUSTMENT, MAJOR	2.000 EACH	1,900.00000		3,800.00	
0370	2435-0700010 CONNECTION TO EXISTING MANHOLE	1.000 EACH	8,810.00000		8,810.00	
0380	2501-8400172 TEMPORARY SHORING	LUMP	LUMP		155,000.00	
0390	2503-0114215 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	2,577.000 LF	74.10000		190,955.70	
0400	2503-0114218 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	126.000 LF	77.50000		9,765.00	
0410	2503-0114224 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	124.000 LF	99.20000		12,300.80	

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0420	2503-0114236 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	255.000	272.00000		69,360.00	
0430	2503-0114248 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	329.000	303.50000		99,851.50	
0440	2503-0114272 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	33.000	595.00000		19,635.00	
0445	2503-0114436 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	188.000	205.00000		38,540.00	
0450	2503-0114460 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	611.000	475.00000		290,225.00	
0460	2503-0200036 REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	1,027.000	17.00000		17,459.00	
0470	2503-0200136 REMOVE STORM SEWER PIPE GREATER THAN 36 IN.	694.000	29.20000		20,264.80	
0480	2503-0200342 STORM SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	366.000	32.70000		11,968.20	

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0490	2504-0119008 SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.	29.000 LF	232.00000		6,728.00	
0500	2504-0119036 SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	2,773.000 LF	461.00000		1,278,353.00	
0510	2504-0149036 SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	437.000 LF	1,835.00000		801,895.00	
0520	2504-0240036 REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	96.000 LF	25.00000		2,400.00	
0530	2504-0240136 REMOVE SANITARY SEWER PIPE GREATER THAN 36 IN.	20.000 LF	98.00000		1,960.00	
0540	2504-0240236 SANITARY SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	1,223.000 LF	29.00000		35,467.00	
0550	2504-0240237 SANITARY SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	2,042.000 LF	71.00000		144,982.00	
0560	2506-4984000 FLOWABLE MORTAR	10.000 CY	235.00000		2,350.00	
0570	2507-6800021 REVETMENT, CLASS B	333.000 TON	72.45000		24,125.85	

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0580	2510-6745850 REMOVAL OF PAVEMENT	9,584.800 SY	7.45000		71,406.76	
0590	2510-6750600 REMOVAL OF INTAKES AND UTILITY ACCESSES	19.000 EACH	600.00000		11,400.00	
0600	2511-0300000 REMOVAL OF RECREATIONAL TRAIL	2,289.100 SY	7.45000		17,053.80	
0610	2511-0302600 RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	2,371.000 SY	58.85000		139,533.35	
0620	2511-0310100 SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	296.000 STA	110.00000		32,560.00	
0630	2511-7528101 DETECTABLE WARNINGS	233.000 SF	44.40000		10,345.20	
0640	2515-2475008 DRIVEWAY, P.C. CONCRETE, 8 IN.	471.300 SY	61.00000		28,749.30	
0650	2515-6745600 REMOVAL OF PAVED DRIVEWAY	460.400 SY	7.45000		3,429.98	
0660	2518-6910000 SAFETY CLOSURE	20.000 EACH	250.00000		5,000.00	
0670	2519-3300600 FENCE, SAFETY	5,000.000 LF	5.85000		29,250.00	
0680	2519-4200020 REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	218.000 LF	30.00000		6,540.00	

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0690	2523-0000100 LIGHTING POLES	1.000 EACH	2,400.00000		2,400.00	
0700	2523-0000200 ELECTRICAL CIRCUITS , LIGHTING	3,810.000 LF	21.10000		80,391.00	
0710	2523-0000310 HANDHOLES AND JUNCTION BOXES	20.000 EACH	555.00000		11,100.00	
0720	2523-6765009 REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	19.000 EACH	1,665.00000		31,635.00	
0730	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP		68,500.00	
0740	2527-9263117 PAINTED PAVEMENT MARKINGS, DURABLE	37.540 STA	280.00000		10,511.20	
0750	2527-9263131 WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	11.000 STA	170.00000		1,870.00	
0760	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP		14,850.00	
0770	2528-8445113 FLAGGERS	50.000 EACH	435.00000		21,750.00	
0780	2533-4980005 MOBILIZATION	LUMP	LUMP		625,000.00	
0790	2552-0000210 TRENCH FOUNDATION	100.000 TON	44.25000		4,425.00	

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0800	2552-0000220 REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	3,850.000 CY	41.30000		159,005.00	
0810	2554-0112006 WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	13.000 LF	99.20000		1,289.60	
0820	2554-0112008 WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	3,807.000 LF	68.30000		260,018.10	
0830	2554-0142008 WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	300.000 LF	375.00000		112,500.00	
0840	2554-0203000 FITTINGS BY WEIGHT, DUCTILE IRON	2,294.000 LB	12.45000		28,560.30	
0850	2554-0207006 VALVE, GATE, DIP, 6 IN.	1.000 EACH	1,065.00000		1,065.00	
0860	2554-0207008 VALVE, GATE, DIP, 8 IN.	18.000 EACH	1,590.00000		28,620.00	
0870	2554-0210201 FIRE HYDRANT ASSEMBLY, WM-201	11.000 EACH	6,945.00000		76,395.00	
0880	2555-0000010 DELIVER AND STOCKPILE SALVAGED MATERIALS	LUMP	LUMP		1,665.00	
0890	2599-9999003 ('CUBIC YARDS' ITEM) C-STONE	3,809.800 CY	38.50000		146,677.30	
0900	2599-9999003 ('CUBIC YARDS' ITEM) TUNNEL OBSTRUCTION REMOVAL	5,000.000 CY	1.00000		5,000.00	

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0910	2599-9999005 ('EACH' ITEM) LIGHTING SERVICE PEDESTAL	2.000 EACH	1,225.00000		2,450.00	
0920	2599-9999005 ('EACH' ITEM) MANHOLE INTAKE MARKER SC 6010.407	2.000 EACH	82.70000		165.40	
0930	2599-9999005 ('EACH' ITEM) MANHOLE, STORM SEWER, SW-401 MODIFIED, 48 IN.	6.000 EACH	3,700.00000		22,200.00	
0940	2599-9999005 ('EACH' ITEM) REMOVE AND REINSTALL SPRINKLER VALVE BOX	5.000 EACH	275.00000		1,375.00	
0950	2599-9999005 ('EACH' ITEM) REMOVE AND REPLACE SPRINKLER HEAD	65.000 EACH	80.00000		5,200.00	
0960	2599-9999005 ('EACH' ITEM) REMOVE FIRE HYDRANT ASSEMBLY	6.000 EACH	280.00000		1,680.00	
0970	2599-9999005 ('EACH' ITEM) REMOVE GROUND-MOUNTED TREE RECEPTACLE	8.000 EACH	225.00000		1,800.00	
0980	2599-9999005 ('EACH' ITEM) ROCK INTAKE FILTER	48.000 EACH	125.00000		6,000.00	
0990	2599-9999005 ('EACH' ITEM) TUNNELING, WORKING, AND RECEIVING PITS	4.000 EACH	55,000.00000		220,000.00	
1000	2599-9999005 ('EACH' ITEM) UTILITY SUPPORT	20.000 EACH	3,170.00000		63,400.00	

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1010	2599-9999007 ('HOURS' ITEM) TUNNEL OBSTRUCTION - DOWNTIME	40.000 HOUR	895.00000		35,800.00	
1020	2599-9999009 ('LINEAR FEET' ITEM) ELECTRICAL CIRCUITS, IRRIGATION CONTROL	50.000 LF	30.00000		1,500.00	
1030	2599-9999009 ('LINEAR FEET' ITEM) EXPLORATORY TRENCH, SANITARY SEWER TRENCH	60.000 LF	290.00000		17,400.00	
1040	2599-9999009 ('LINEAR FEET' ITEM) JET CLEAN EXISTING 12 IN. SANITARY SEWER	590.000 LF	3.35000		1,976.50	
1050	2599-9999009 ('LINEAR FEET' ITEM) JET CLEAN EXISTING 24 IN. SANITARY SEWER	32.000 LF	11.00000		352.00	
1060	2599-9999009 ('LINEAR FEET' ITEM) JET CLEAN EXISTING 36 IN. SANITARY SEWER	606.000 LF	18.00000		10,908.00	
1070	2599-9999009 ('LINEAR FEET' ITEM) JET CLEAN EXISTING 48 IN. SANITARY SEWER	1,720.000 LF	19.00000		32,680.00	
1080	2599-9999009 ('LINEAR FEET' ITEM) JET CLEAN EXISTING 60 IN. SANITARY SEWER	332.000 LF	24.50000		8,134.00	
1090	2599-9999009 ('LINEAR FEET' ITEM) REMOVE AND REPLACE SPRINKLER IRRIGATION PIPE	1,500.000 LF	11.75000		17,625.00	

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1100	2599-9999009 ('LINEAR FEET' ITEM) REMOVE WATER MAIN	3,560.000 LF	9.00000		32,040.00	
1110	2599-9999010 ('LUMP SUM' ITEM) DEWATERING	LUMP	LUMP		87,750.00	
1120	2599-9999010 ('LUMP SUM' ITEM) REMOVE IRRIGATION SYSTEM (TRAIL TO CURB)	LUMP	LUMP		5,500.00	
1130	2599-9999010 ('LUMP SUM' ITEM) SANITARY SEWER TEMPORARY BYPASS	LUMP	LUMP		28,000.00	
1140	2601-2634105 MULCHING, BONDED FIBER MATRIX	4.600 ACRE	3,050.00000		14,030.00	
1150	2601-2636044 SEEDING AND FERTILIZING (URBAN)	2.900 ACRE	2,200.00000		6,380.00	
1160	2601-2638352 SLOPE PROTECTION, WOOD EXCELSIOR MAT	100.000 SQ	20.00000		2,000.00	
1170	2601-2639010 SODDING	522.200 SQ	53.30000		27,833.26	
1180	2601-2640350 SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	20.000 SQ	44.50000		890.00	
1190	2601-2642120 STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	1.800 ACRE	2,150.00000		3,870.00	
1200	2601-2643110 WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	17.500 MGAL	60.00000		1,050.00	

CONTRACT SCHEDULE OF PRICES

Vendor No.: MI874
 Contract ID No.: 97-0296-258
 Primary Work Type: SANITARY SEWER
 Primary County: WOODBURY

Bid Order No.: 304
 Letting Date: July 21, 2015
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1210	2601-2643300 MOBILIZATION FOR WATERING	6.000 EACH	350.00000		2,100.00	
1220	2602-0000020 SILT FENCE 	7,716.000 LF	1.70000		13,117.20	
1230	2602-0000030 SILT FENCE FOR DITCH CHECKS 	345.000 LF	2.30000		793.50	
1240	2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS 	6,450.000 LF	0.30000		1,935.00	
1250	2602-0000101 MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK 	806.000 LF	0.10000		80.60	
1260	2602-0000312 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA. 	3,500.000 LF	3.15000		11,025.00	
1270	2602-0000320 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA. 	3,500.000 LF	4.40000		15,400.00	
1280	2602-0000350 REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE 	7,000.000 LF	0.30000		2,100.00	
1290	2602-0010010 MOBILIZATIONS, EROSION CONTROL 	2.000 EACH	500.00000		1,000.00	
1300	2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL 	2.000 EACH	1,000.00000		2,000.00	

SECTION 0002 PAYMENT INCENTIVE ITEMS

CONTRACT SCHEDULE OF PRICES

Vendor No.: MI874
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 Primary Work Type: SANITARY SEWER
 Primary County: WOODBURY

Bid Order No.: 304
 Letting Date: July 21, 2015
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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
1310	2301-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	 8,500.000 EACH	 1.00000	 8,500.00
1320	2317-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	 7,000.000 EACH	 1.00000	 7,000.00
TOTAL BID				7,730,785.49

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: July 21, 2015
Date of Addendum: July 8, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
304	97-0296-258	SANITARY SEWER	WOODBURY	IM-NHS-029-6(258)147--03-97	21JUL304.A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 0445 2503-0114436 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.; 188.000 LF

Change Proposal Line No. 0800 2552-0000220 REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL:

From: 3,825.000 CY

To: 3,850.000 CY

If the above changes are not made, they will be made as shown here.

REPLACE plan sheets with the attached.

SHEET C.2:

Replace Plan Sheet C.2 with the attached Plan Sheet C.2 which accounts for the addition of the STORM SEWER, GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN. bid item (now item #45) as well as the quantity change for the REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL bid item (now item #81).

SHEET C.3:

Replace Plan Sheet C.3 with the attached Plan Sheet C.3 which includes updated bid item numbers (i.e. total number of bid items increased from 130 to 131).

SHEET C.4:

Replace Plan Sheet C.4 with the attached Plan Sheet C.4 which contains revised ERI notes for Bid Items 3, 4, 39, 40, 41, 42, 43, 44, 45, and 46.

SHEET C.5:

Replace Plan Sheet C.5 with the attached Plan Sheet C.5 which contains revised ERI notes for Bid Items 52 and 81.

SHEET C.6:

Replace Plan Sheet C.6 with the attached Plan Sheet C.6 which contains a revised ERI note for Bid Item 84.

SHEET C.7

Replace Plan Sheet C.7 with the attached Plan Sheet C.7 which includes updated bid item numbers and shifted text due to above described ERI note changes.

SHEET C.12:

Replace Plan Sheet C.12 with the attached Plan Sheet C.12 which includes an update to Tabulation TS-1 that provides temporary shoring along pipe P-853052a, which was added as part of this addendum.

SHEET C.15:

Replace Plan Sheet C.15 with the attached Plan Sheet C.15 which includes an update to Tabulation 110-14 that moves work associated with AP107 to Stage 1 of construction.

SHEET C.18:

Replace Plan Sheet C.18 with the attached Plan Sheet C.18 which includes an update to Tabulation 110-15 that moves work associated with AS106 to Stage 1 of construction.

SHEETS M.1 and M.2:

Replace Plan Sheets M.1 and M.2 with the attached Plan Sheets M.1 and M.2 which include updates to Tabulation 104-5B due to the addition of pipe P-853052a.

SHEETS M.7, M.8, M.10, M.13, and M.14:

Replace Plan Sheets M.7, M.8, M.10, M.13, and M.14 with the attached Plan Sheets M.7, M.8, M.10, M.13, and M.14 which contain plan view and profile view changes to account for the addition of pipe P-853052a.

SHEETS UTL.16 and UTL.17:

Replace Plan Sheets UTL.16 and UTL.17 with the attached Plan Sheets UTL.16 and UTL.17 to account for elevation change of water main trenchless construction.

**ESTIMATED PROJECT QUANTITIES
(UP TO A 5 DIVISION PROJECT)**

Division 1: 100% City of Sioux City
Division 2: 100% City of Sioux City SRF Clean Water
Division 3: 100% City of Sioux City SRF Drinking Water
Division 4: 100% State of Iowa
Division 5: 13% State of Iowa / 87% City of Sioux City

Item No.	Item Code	Item	Unit	Quantities											
				Estimated					As Built						
				Division 1	Division 2	Division 3	Division 4	Division 5	Total	Division 1	Division 2	Division 3	Division 4	Division 5	
44	2503-0114272	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 72 IN.	LF					33.0							33.0
45	2503-0114436	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 30000 (CLASS IV), 36 IN.	LF					188.0							188.0
46	2503-0114460	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 30000 (CLASS IV), 60 IN.	LF					611.0							611.0
47	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF		679			348							1,027
48	2503-0200136	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.	LF		327			367							694
49	2503-0200342	STORM SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	LF		366										366
50	2504-0119008	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.	LF		29										29
51	2504-0119036	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	LF		2,773										2,773
52	2504-0149036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	LF		437										437
53	2504-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF		96										96
54	2504-0240136	REMOVE SANITARY SEWER PIPE GREATER THAN 36 IN.	LF		20										20
55	2504-0240236	SANITARY SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	LF		1,223										1,223
56	2504-0240237	SANITARY SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	LF		2,042										2,042
57	2506-4984000	FLOABLE MORTAR	CY					10.8							10.8
58	2507-6800021	REVEITEMENT, CLASS B	TON		130.0			223.0							353.0
59	2510-6745850	REMOVAL OF PAVEMENT	SY	497.8	7,426.7			1,661.1							9,584.8
60	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH		18			1							19
61	2511-0300000	REMOVAL OF RECREATIONAL TRAIL	SY		2,083.7			205.4							2,289.1
62	2511-0302600	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	SY		2,162.4			208.6							2,371.0
63	2511-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA		255.00			41.00							296.00
64	2511-7528101	DETECTABLE MARKINGS	SF		233										233
65	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY		471.3										471.3
66	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY		460.4										460.4
67	2518-6910000	SAFETY CLOSURE	EACH		20										20
68	2519-3300000	FENCE, SAFETY	LF		3,000.0				2,000.0						5,000.0
69	2519-4200020	REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	LF				218.0								218.0
70	2523-0000100	LIGHTING POLES	EACH					1							1
71	2523-0000200	ELECTRICAL CIRCUITS, LIGHTING	LF	325.0	3,485.0										3,810.0
72	2523-0000310	HANDHOLES AND JUNCTION BOXES	EACH	1	18			1							20
73	2523-6765009	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	EACH	1	16			2							19
74	2526-8285000	CONSTRUCTION SURVEY	LS		1.00										1.00
75	2527-9203117	PAINTED PAVEMENT MARKINGS, DURABLE	STA	1.86	26.68			9.00							37.54
76	2527-9203131	NET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA		11.00										11.00
77	2528-8445110	TRAFFIC CONTROL	LS		1.00										1.00
78	2528-8445113	FLAGGERS	EACH												See Proposal
79	2533-4980005	MOBILIZATION	LS		1.00										1.00
80	2552-0000210	TRENCH FOUNDATION	TON		100.0										100.0
81	2552-0000220	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY		2,525.0	450.0		875.0							3,850.0
82	2554-0112006	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF					13							13
83	2554-0112008	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF					3,807							3,807
84	2554-0142008	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF					300							300
85	2554-0203000	FITTINGS BY HEIGHT, DUCTILE IRON	LB			2,294									2,294
86	2554-0207006	VALVE, GATE, DIP, 6 IN.	EACH			1									1
87	2554-0207008	VALVE, GATE, DIP, 8 IN.	EACH			18									18
88	2554-0210201	FIRE HYDRANT ASSEMBLY, 401-201	EACH			11									11
89	2555-0000010	DELIVER AND STOCKPILE SALVAGED MATERIALS	LS	1.00											1.00
90	2599-9999003	('CUBIC YARDS' ITEM) C-STONE	CY		3,053.9			562.7							3,809.8
91	2599-9999003	('CUBIC YARDS' ITEM) TUNNEL OBSTRUCTION REMOVAL	CY	193.2	3,000.0	2,000.0									5,000.0
92	2599-9999005	('EACH' ITEM) LIGHTING SERVICE PEDESTAL	EACH		2										2
93	2599-9999005	('EACH' ITEM) MANHOLE INTAKE PARKER SC 6010-407	EACH		2										2
94	2599-9999005	('EACH' ITEM) MANHOLE, STORM PARKER, SW-401 MODIFIED, 48 IN.	EACH		6										6
95	2599-9999005	('EACH' ITEM) REMOVE AND REINSTALL SPRINKLER VALVE BOX	EACH		5										5
96	2599-9999005	('EACH' ITEM) REMOVE AND REPLACE SPRINKLER HEAD	EACH		65										65
97	2599-9999005	('EACH' ITEM) REMOVE FIRE HYDRANT ASSEMBLY	EACH		6										6
98	2599-9999005	('EACH' ITEM) REMOVE GROUND-MOUNTED TREE RECEPTACLE	EACH		1			7							8
99	2599-9999005	('EACH' ITEM) ROCK INTAKE FILTER	EACH		48										48
100	2599-9999005	('EACH' ITEM) TUNNELING, WORKING, AND RECEIVING PITS	EACH		2		2								4
101	2599-9999005	('EACH' ITEM) UTILITY SUPPORT	EACH		20										20
102	2599-9999007	('HOURS' ITEM) TUNNEL OBSTRUCTION - DOWNTIME	HR		20		20								40
103	2599-9999009	('LINEAR FEET' ITEM) ELECTRICAL CIRCUITS, IRRIGATION CONTROL	LF		50.0										50.0
104	2599-9999009	('LINEAR FEET' ITEM) EXPLORATORY TRENCH, SANITARY SEWER TRENCH	LF		60.0										60.0
105	2599-9999009	('LINEAR FEET' ITEM) JET CLEAN EXISTING 12 IN. SANITARY SEWER	LF		590.0										590.0
106	2599-9999009	('LINEAR FEET' ITEM) JET CLEAN EXISTING 24 IN. SANITARY SEWER	LF		32.0										32.0
107	2599-9999009	('LINEAR FEET' ITEM) JET CLEAN EXISTING 36 IN. SANITARY SEWER	LF		606.0										606.0
108	2599-9999009	('LINEAR FEET' ITEM) JET CLEAN EXISTING 48 IN. SANITARY SEWER	LF		1,720.0										1,720.0
109	2599-9999009	('LINEAR FEET' ITEM) JET CLEAN EXISTING 60 IN. SANITARY SEWER	LF		332.0										332.0
110	2599-9999009	('LINEAR FEET' ITEM) REMOVE AND REPLACE SPRINKLER IRRIGATION PIPE	LF		1,500.0										1,500.0
111	2599-9999000	('LINEAR FEET' ITEM) REMOVE WATER MAIN	LF			3,560.0									3,560.0
112	2599-9999010	('LUMP SUM' ITEM) DENATURING	LS		1.00										1.00
113	2599-9999010	('LUMP SUM' ITEM) REMOVE IRRIGATION SYSTEM (TRAIL TO CURB)	LS		1.00										1.00
114	2599-9999010	('LUMP SUM' ITEM) SANITARY SEWER TEMPORARY BYPASS	LS		1.00										1.00
115	2601-2631105	MULCHING, BONDED FIBER MATRIX	ACRE		2.6	1.6		0.4							4.6

Page 3 of 20

**ESTIMATED PROJECT QUANTITIES
(UP TO A 5 DIVISION PROJECT)**

Division 1: 100% City of Sioux City
 Division 2: 100% City of Sioux City SRF Clean Water
 Division 3: 100% City of Sioux City SRF Drinking Water
 Division 4: 100% State of Iowa
 Division 5: 13% State of Iowa / 87% City of Sioux City

Item No.	Item Code	Item	Unit	Estimated Quantities						As Built					
				Division 1	Division 2	Division 3	Division 4	Division 5	Total	Division 1	Division 2	Division 3	Division 4	Division 5	
				116	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE		1.1	1.6		0.2		2.9	
117	2601-2638352	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ		50.0		50.0		100.0						
118	2601-2639010	SOODING	SQ	14.8	415.1		93.1		522.2						
119	2601-2640350	SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	SQ		20.0				20.0						
120	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE		1.5		0.3		1.8						
121	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	HGAL		17.00		0.50		17.50						
122	2601-2643300	MOBILIZATION FOR WATERING	EACH		5		1		6						
123	2602-0000020	SILT FENCE	LF		3,858.0		3,858.0		7,716.0						
124	2602-0000030	SILT FENCE FOR DITCH CHECKS	LF		345.0				345.0						
125	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF		3,125.0		3,125.0		6,450.0						
126	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF		403.0		403.0		806.0						
127	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF		1,750.0		1,750.0		3,500.0						
128	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF		1,750.0		1,750.0		3,500.0						
129	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF		3,500.0		3,500.0		7,000.0						
130	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH		1		1		2						
131	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH		1		1		2						

Page 4 of 20

ESTIMATE REFERENCE INFORMATION

No.	Item Code	Description
1	2101-0850002	CLEARING AND GRUBBING Refer to the U sheets for general locations of clearing and grubbing areas and tree stump locations. Refer to Tab. 110-17 in the C sheets. Tree tops were previously removed by the City of Sioux City.
2	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW Refer to the T sheets. Overhaul will not be measured or paid for, but shall be considered incidental to roadway excavation on this project. Include the following quantities: 5610 CY of Class 10 Suitable Cut Material from cross sections 3578 CY of Fill Material (T Sheets "Total Fill" x 1.30 for shrinkage) 2032 CY of Class 10 Waste material to become the property of the Contractor per Article 1106.07 of the current specifications.
3	2102-2712015	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS Refer to Tab. 103-7 in the CS sheets. Includes 25 CY of unsuitable material to be disposed of, as per Article 1106.07 of the current specifications. Includes Class 12 materials encountered in areas of utility or storm sewer trenches.
4	2102-2713090	EXCAVATION, CLASS 13, WASTE Includes below grade excavation of unsuitable material as discovered during excavation and/or utility work and disposal according to Article 1106.07 of the current specifications. Replace per bid item "REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL". Foreign materials such as trash, glass, and concrete have been encountered either within borings or while observing previous construction near the project area. During recent gas main construction along the north side of Larsen Park Road, observed trash layers were exported and replaced with suitable fill. It is possible that foreign materials will be exposed during this project, in unknown locations. If found, separate unsuitable material and dispose of at landfill. In addition, clays classified as Class IVA and IVB material require additional sorting. Does not include Class 12 materials encountered in areas of utility or storm sewer trenches. Refer to bid item for "EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS" for details regarding the handling of these materials. Bid quantity based on the following assumptions/calculations: Layers of foreign/unsuitable materials are 2" thick. Layers of foreign/unsuitable materials, if/when exposed, would be 4' to 6' deep, average. Layer areas (i.e. length x width) are determined by anticipated trench limits for utility work, excluding overlying trench areas. Funding Division assignments are consistent with assignments for the respective trench pipe (e.g. if the pipe being installed is assigned to Division 2, then the associated EXCAVATION, CLASS 13, WASTE is assigned to Division 2). Measurement shall be made by counting haul loads of a known volume and payment shall be made for each CY excavated, hauled, and properly disposed of. Overhaul will not be measured or paid for, but shall be considered incidental to excavation on this project. If petroleum contaminated soils are encountered, follow bid items per Section 2537.
5	2105-0425005	TOPSOIL, FURNISH AND SPREAD Refer to Tab. 103-4 in the C sheets. The contractor shall furnish all required topsoil and follow provisions in Section 2105 of the current specifications. Method of Measurement: the quantity of topsoil furnished and spread will be measured in CY and will be computed based on the depth of topsoil specified in the contract documents over the area involved. Allow for compaction shrinkage and hauling losses. Sufficient field measurements will be taken to assure reasonable conformity with the required thickness of topsoil in place. Basis of payment: the contractor will be paid the contract unit price for Topsoil, Furnish and Spread per CY of topsoil furnished, placed, and spread, measured as provided above. Overhaul will not be paid for, but shall be considered incidental to this bid item. Plan quantity was determined based on disturbed area outside of DOT right-of-way. Topsoil shall NOT be placed in DOT right-of-way (i.e. north of permanent I-29 access control fence).
6	2107-0875000	COMPACTION WITH MOISTURE AND DENSITY CONTROL Refer to the B sheets for typical locations and Tab. 103-1 in the CS sheets. Includes 3810 CY of 12-inch scarification and compaction beneath C-Stone base on Larsen Park Road and Parking Lots.
7	2107-3825025	GRANULAR MATERIAL FOR BLANKET AND SUDDRAIN Refer to Tab. 104-5C in the CS sheets. The use and locations of Granular Material for Working Blankets shall be approved by the Engineer.
8	2111-8174100	GRANULAR SUBBASE Refer to the U sheets. Material is required for construction of Twin 8'x6' RCB End Section and associated elements.
9	2123-7450020	SHOULDER FINISHING, EARTH Refer to the B sheets and the T sheets. Material for the earth shoulders is included in the template quantities. Includes the following quantities: 0.80 STA for Pearl Outfall (Sta. 712+24.36 to 712+64.11; Division 5) 53.36 STA for Larsen Park Road (Sta. 716+00.00 to 732+68.00; Division 3) 4.07 STA for Larsen Park Road (Sta. 742+68.00 to 744+54.29; Division 1)
10	2301-1033080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, B IN. Refer to typical sections in the B sheets and Tab. 100-24 in the C sheets. Includes 6,237 LF of 8-inch Standard Curb.
11	2312-8260051	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE Material shall be used for contractor access to/from the site and to minimize tracking of sediment to public roadways and parking lots. Quantity is a rough estimate. Contractor shall furnish, place, maintain, and remove materials.
12	2401-6750001	REMOVALS, AS PER PLAN Refer to Tab. 110-2 PP in the C sheets. Refer to the U sheets. Salvage all items specified to the City of Sioux City per the "DELIVER AND STOCKPILE SALVAGED MATERIALS" bid item and Tab 110-13.
13	2402-2720000	EXCAVATION, CLASS 20 Refer to the M and U sheets. Item is related to construction of storm sewer outfalls at the Missouri River.. Includes the following quantities: 90 CY for Pearl Outfall (Structure 853050) (Division 5) 210 CY for Larsen Outfall (Structure 853020) (Division 2) 503 CY for Virginia Outfall (Structure 853053) (Division 5)

100-4A
10-29-02

ESTIMATE REFERENCE INFORMATION

No.	Item Code	Description
14	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)
15	2404-7775000	REINFORCING STEEL
16	2414-6444100	STEEL PIPE PEDESTRIAN HAND RAILING Refer to the U sheets. Items are related to construction of Twin 8'x6' RCB End Section and associated elements.
17	2435-0130148	MANHOLE, SANITARY SEWER, SW-301, 48 IN.
18	2435-0130172	MANHOLE, SANITARY SEWER, SW-301, 72 IN.
19	2435-0130184	MANHOLE, SANITARY SEWER, SW-301, 84 IN.
20	2435-0130304	MANHOLE, SANITARY SEWER, SW-303, 84 IN.
21	2435-0130410	MANHOLE, SANITARY SEWER, SW-304 MODIFIED Refer to Tab. 104-5B SAN and plan, profile, and notes in the UTL sheets. Submit shop drawings for Engineer's approval for the interior lining, liquid additive, and structures. Castings and chimney seals are incidental to this bid item. Spark testing shall be incidental and completed on all welds per Manufacturer's specifications. When connecting to an existing pipe the contractor shall field verify elevations of existing pipes in advance of work, any work associated with verifying the elevation is incidental to this bid item. Refer to U sheets for Modified SRP.
22	2435-0140148	MANHOLE, STORM SEWER, SW-401, 48 IN.
23	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN.
24	2435-0140184	MANHOLE, STORM SEWER, SW-401, 84 IN.
25	2435-0140400	MANHOLE, STORM SEWER, SW-404 (4FT X 7FT)
26	2435-0140400	MANHOLE, STORM SEWER, SW-404 (6FT X 6FT)
27	2435-0140400	MANHOLE, STORM SEWER, SW-404 (7FT X 7FT)
28	2435-0140410	MANHOLE, STORM SEWER, SW-404 MODIFIED (12FT X 16FT)
29	2435-0140410	MANHOLE, STORM SEWER, SW-404 MODIFIED (4FT X 7FT)
30	2435-0250700	INTAKE, SW-507
31	2435-0250720	INTAKE, SW-507 MODIFIED
32	2435-0250800	INTAKE, SW-508
33	2435-0250900	INTAKE, SW-509
34	2435-0250910	INTAKE, SW-509 MODIFIED
35	2435-0254100	INTAKE, SW-541 Refer to Tab. 104-5B in the M sheets. Refer to the U sheets for Modified Standard Road Plans.
36	2435-0600020	MANHOLE ADJUSTMENT, MAJOR
37	2435-0700010	CONNECTION TO EXISTING MANHOLE Refer to Tab. 104-5B in the M sheets. Refer to the U sheets.
38	2501-0400172	TEMPORARY SHORING Refer to the M sheets and Tab. T5-1 in the C sheets. The Contractor shall submit a temporary shoring plan to the Engineer for approval. The temporary shoring plan shall be designed and certified by a Professional Engineer licensed in the state of Iowa. The Contractor shall not proceed with installing the temporary shoring without notice to proceed from the Eng. The temporary shoring submittal shall include: Design Calculations (including global stability analysis), Soil properties, Shoring material properties, Shoring plan layout (including location of traffic), Shoring details. Method of Measurement: Lump Sum. Basis of Payment: Full compensation for cost of design, furnishing, installing and removal. All material used for shoring shall remain the property of the Contractor. Shoring is to be removed only after backfilling has been completed. In addition to the requirements noted above, Article 1107.07 of the Standard Specifications still applies.
39	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 18 IN.
40	2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 18 IN.
41	2503-0114224	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 24 IN.
42	2503-0114236	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 36 IN.
43	2503-0114248	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 48 IN.
44	2503-0114272	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 20000 (CLASS III), 72 IN.
45	2503-0114436	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 30000 (CLASS IV), 36 IN.
46	2503-0114460	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 30000 (CLASS IV), 60 IN. Refer to Tab. 104-5B in the M sheets. All storm sewer pipes shall be televised per Articles 2504.03.1.1; 2; 3; and 5. Televising shall be incidental to the bid item for each associated storm sewer pipe. Contractor to hire independent third party to televise storm sewer and provide copies on disc to the Engineer. The Contractor shall complete televising and allow time for review prior to paving.
47	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.
48	2503-0200136	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.
49	2503-0200342	STORM SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA. Refer to Tab. 110-14 in the C sheets. Refer to U sheets.
50	2504-0119008	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.
51	2504-0119036	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN. Refer to Tab. 104-5B SAN, Notes in UTL Sheets, and plan and profile in UTL Sheets. Provide testing of backfill for moisture content and compaction during placement. Couplings, final cleaning, and inspection shall be incidental to this bid item. If unsuitable materials are encountered, the Contractor shall remove and dispose of all unsuitable material from site using bid items for "EXCAVATION, CLASS 13, WASTE" and "REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL". If over-excavation is needed due to poor soils, use bid item "TRENCH FOUNDATION". The Contractor shall be paid the contract unit price per linear foot of pipe furnished and placed. This shall be compensation for furnishing all labor, equipment and materials necessary for furnishing and placing of pipe. When connecting to an existing pipe the contractor shall field verify elevations of existing pipes in advance of work, any work associated with verifying the elevation is incidental to this bid item. Contractor to hire independent third party to televise sanitary sewer and provide copies on disc to the Engineer. The Contractor shall complete televising and allow time for review prior to paving. Shop drawing submittal required on this item.
52	2504-0149036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN. Refer to Tab. 104-5B SAN, Notes in UTL Sheets, and plan and profile in UTL Sheets. Casing pipe shall be a minimum diameter of 48 inches with a minimum wall thickness of 1.75 inches and shall with Section 2553 of the Standard Specifications. Rubber end seals, final cleaning and inspection shall be incidental to this bid item. If unsuitable

100-4A
10-29-02

Page 5 of 20

ESTIMATE REFERENCE INFORMATION

100-4A
10-29-02

No.	Item Code	Description
		materials are encountered, the Contractor shall remove and dispose of all unsuitable material from site using bid items for "EXCAVATION, CLASS 13, WASTE" and "REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL." Refer to bid items for "TUNNEL OBSTRUCTION REMOVAL" and "TUNNEL OBSTRUCTION DOWNTIME". The length furnished and placed will be measured in feet by the Engineer. The Contractor shall be paid the contract unit price per linear foot of pipe furnished and placed. Costs related to boring pits shall be included with bid item "TUNNELING, WORKING, AND RECEIVING PITS". This shall be full compensation for furnishing all labor, equipment and materials necessary for furnishing and placing of pipe. Any additional quantity of casing pipe compared to the length listed in the Sanitary Sewer tabulation shall be approved by the engineer prior to installation. No additional payment will be made for additional length installed with out prior approval by the engineer. When connecting to an existing pipe the contractor shall field verify elevations of existing pipes in advance of work, any work associated with verifying the elevation is incidental to this bid item. Contractor to hire independent third party to televise sanitary sewer and provide copies on disc to the Engineer. The Contractor shall complete televising and allow time for review prior to paving. Shop drawing submittal required on this item. In order to coordinate with future construction element, Contractor shall maintain design elevations for all borings. The specified tolerance for installation of the sanitary sewer main via trenchless method shall be +/- 0.375" per 300-ft. Backflow in pipe will not be allowed.
53	2504-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.
54	2504-0240136	REMOVE SANITARY SEWER PIPE GREATER THAN 36 IN.
55	2504-0240236	SANITARY SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.
56	2504-0240237	SANITARY SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA. Refer to Tab. 110-14 in the C sheets. Refer to U sheets. Contractor shall coordinate with Sioux City Field Services to verify line is not in use prior to abandonment. The pipe will need to be filled with flowable mortar. Cleaning of the sanitary sewer to be abandoned shall be paid by size under bid items "JET CLEANING EXISTING SANITARY SEWER".
57	2506-4984000	FLOWABLE MORTAR Item to be used with Storm Sewer Structure AS-186. Refer to the U sheets and Tab. 110-15 in the C sheets.
58	2507-6800021	REVEITEMT, CLASS D Refer to the M and U sheets. Item is related to construction of Twin B'x6' RCB End Section and associated elements. Item is also related to other storm sewer outfalls at the Missouri River. Includes the following quantities: 60 TON for Pearl Outfall (Structure 853050) 110 TON for Larsen Outfall (Structure 853020) 163 TON for Virginia Outfall (Structure 853033)
59	2510-6745850	REMOVAL OF PAVEMENT Refer to U sheets and Tabs. 110-1 and 102-5 in the C sheets. Refer to Q sheets for pavement and base information as shown in boring logs. Removals should correspond with construction sequencing per the J sheets. Contractor shall be responsible for removal and disposal of full depth of existing pavement and curbs. Depth shown is approximate. Includes full depth saw cutting as necessary to create a clean edge between existing and proposed pavements.
60	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSSES Refer to Tab. 110-15 in the C Sheets. Refer to the U sheets. This item includes removal and disposal of entire structure, regardless of depth, and partial removal as required for structure abandonment. For sanitary sewer structures, remove utility access to top of pipe to be abandoned and abandon bottom of structure in place. Salvage all utility access and intake casting covers to the City of Sioux City per bid item "DELIVER AND STOCKPILE SALVAGED MATERIALS". This shall be considered full compensation for all labor, equipment, and materials necessary for the removal and disposal of intakes and utility accesses.
61	2511-0300000	REMOVAL OF RECREATIONAL TRAIL Refer to the U sheets and Tab. 110-5 in the C sheets.
62	2511-0302600	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.
63	2511-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL
64	2511-7520101	DETECTABLE MARKINGS Refer to the L and S sheets and Tabs. 113-1 and 290-01.
65	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN. Refer to the L and X sheets and Tab. 102-3 in the C sheets.
66	2515-6745600	REMOVAL OF PAVED DRIVEWAY Refer to the U sheets and Tab. 110-8 in the C sheets.
67	2518-6910000	SAFETY CLOSURE Refer to the J sheets and Tab. 108-13A in the C sheets.
68	2519-3380600	FENCE, SAFETY Refer to the J Sheets. This item shall be for fencing erected to prevent unauthorized access to the construction site. Total quantities assume enclosure of all trenching pit work areas and trenched work areas. Additional enclosure locations are the responsibility of the Contractor and as directed by the Engineer during construction. The safety fence shall be orange mesh safety fence that shall meet the requirements of Article A188.03 of the Standard Specifications. The safety fence shall be securely supported so the fence is in a vertical position without any sagging. The safety fence shall be supported by setting posts a maximum of 10-feet apart. The posts shall extend at least 2-feet into the ground. Method of Measurement: Linear Feet of constructed Safety Fence, measured along the fence at the bottom of the fabric. Basis of Payment: Payment will be the contract unit price per linear foot of Safety Fence. Payment is full compensation for furnishing all material and for installation, maintenance, and removal of fence as provided herein, including clean up after the work is complete.
69	2519-4200020	REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK Refer to the U sheets and Tab. 100-7 in the C sheets.
70	2523-0000100	LIGHTING POLES Refer to Tabs 108-1, 108-11A and the P-Sheets. This item includes the installation of light pole assemblies obtained from the City of Sioux City at the City's stockpile yard. Method of Measurement shall be per each light pole assembly

ESTIMATE REFERENCE INFORMATION

100-4A
10-29-02

No.	Item Code	Description
		installed. Basis of Payment shall be per the unit price for each light pole assembly installed. This shall be considered full compensation for furnishing all tools, equipment, labor, and materials necessary for installing each light pole assembly including transport, installation of auger-style footing and light pole at the location indicated and per the plan details, grounding, riser conductors and connectors within the pole, cleaning of luminaire optical reflector and refractor surfaces, and installing a new lamp.
71	2523-0000200	ELECTRICAL CIRCUITS, LIGHTING Refer to Tabs 108-2, 108-12 and the P-Sheets for description and specifications. This item includes the installation of ducts, wire and connectors. Method of Measurement shall be per each linear foot of assembled electrical circuit installed. Basis of Payment shall be per the unit price for each linear foot installed. This shall be considered full compensation for furnishing all tools, equipment, labor and materials necessary for installing each linear foot of electric circuit including excavation, conduit, wire, connectors, backfill and compaction. Removal and disposal of existing electrical circuits that become exposed during excavation for other underground utilities shall be incidental to the installation of electrical circuits.
72	2523-0000310	HANDHOLES AND JUNCTION BOXES Refer to P-Sheets for specification and location of handholes. The Contractor shall verify locations of handholes with engineer prior to installation. Method of Measurement shall be per each handhole installed. Basis of Payment shall be per the unit price for each handhole installed. This shall be considered full compensation for furnishing all tools, equipment, labor, and materials necessary for installing each handhole including granular base and grounding.
73	2523-6765009	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE Refer to Tabs 108-1, 108-11A, 110-16 and the P-Sheets. This item includes the removal and re-installation of existing light pole assemblies with auger-style light pole bases. Method of measurement shall be per each light pole assembly removed and re-installed. This shall be considered full compensation for furnishing all tools, equipment, labor, and materials necessary to remove, store and protect, and re-install each light pole assembly including installation of auger-style footing and light pole at the location indicated and per the plan details, grounding, riser conductors and connectors within the pole, cleaning of luminaire optical reflector and refractor surfaces, and installing a new lamp. Where indicated on the plans, protection/reouting/reconnection of existing electric circuits, and re-installation of existing handhole associated with the light pole re-installation shall be incidental to the cost of such re-installation.
74	2526-0285000	CONSTRUCTION SURVEY Includes all survey work necessary for construction of the project, as intended by the Contract Documents. Contractor shall be responsible for maintaining all horizontal and vertical control within the project limits following completion of construction.
75	2527-9283117	PAINTED PAVEMENT MARKINGS, DURABLE
76	2527-9263131	KEY REMOVAL/RECTIFY REMOVAL TAPE MARKINGS Refer to Tab. 108-22 in the C sheets. Removable Tape Marking quantity is a rough estimate for use during staging, if and when approved by the Engineer.
77	2528-0445110	TRAFFIC CONTROL
78	2528-0445113	FLAGGERS Refer to Traffic Control Plan shown in the J sheets.
79	2533-4980005	MOBILIZATION
80	2552-0000210	TRENCH FOUNDATION Refer to the M sheets and UTL sheets for proposed utility locations. Provide over-excavation and foundation stone where soils require as directed by the Engineer.
81	2552-0000220	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL Soil borings show some native material may be unsuitable (see "EXCAVATION, CLASS 13, WASTE" and "EXCAVATION, CLASS 12, BOULDERS AND ROCK FRAGMENTS" bid items). If unsuitable, furnish suitable backfill material as directed by the Engineer. Suitable backfill material should be a lean clay or silt material free of organic or other deleterious materials, have a maximum particle size less than 3 inches, and a liquid limit less than 45 and a plasticity index less than 25. Fill shall be placed and tested in accordance with the contract documents. Suitable material located onsite shall be used in full prior to using offsite material, and use of onsite material shall be incidental to associated trench construction. Estimated quantities match those for the "EXCAVATION, CLASS 13, WASTE" and "EXCAVATION, CLASS 12, BOULDERS AND ROCK FRAGMENTS" bid items; however, trench volume of soil shall not exceed the following: the maximum trench width based on SRP SW-102 for each pipe size and an additional 1.5' to account for trench box. The height will be measured vertical from the top of the bedding material to the subgrade under the paving or to the existing ground surface. For structures the volume will not exceed the following: the width will be calculated 2 feet beyond the outside of the structure and the height will be measured vertically from the top of the bedding material to the subgrade under the paving or to the existing ground surface. Moisture and density tests are required along with the approval of Engineer before material can be replaced. This item includes all tools, labor, and equipment involved in excavating, hauling, placing and compaction of new material. Removal and disposal of unsuitable to be paid with "EXCAVATION, CLASS 13, WASTE" and EXCAVATION, CLASS 12, BOULDERS AND ROCK FRAGMENTS bid items.
82	2554-0112006	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.
83	2554-0112008	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN. Refer to Tab. 104-5A, 104, notes in the C Sheets, and plan and profile in the UTL Sheets. Pipe material shall be ductile iron pipe can be replaced per ANSI/AWWA C151/A21.51 for water main. See UTL sheets for location of joint restraint. Trenching, bedding, polyethylene wrap, joint restraint per plan, tracer wire, backfill, compaction, cleaning, flushing, disinfecting, and bacteria testing of water main shall be incidental to this bid item. Contractor shall notify property owners a minimum of 24 hours in advance of shutdowns. Shop drawing submittal required on this item.
84	2554-0142008	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN. Refer to Tab. 104-5A, 104, notes in the C Sheets, and plan and profile in the UTL Sheets. Pipe material shall be restrained ductile iron, pressure class 350 per ANSI/AWWA C151/A21.51 for water main. Casing pipe shall be a minimum diameter of 22 inches with a minimum wall thickness of 0.75 inches and shall with Section 2553 of the

ACCESS POINTS AND SAFETY RAMPS

Refer to Cross-Sections

Length of unclassified pipe calculated is based on using Reinforced Concrete Pipe.

- ① Refer to MI-210.
- ② Refer to EW-501.
- ③ Refer to EW-501 or EW-502.
- *Predetermined for access point not constructed with this project.

Location		Type	Length of Opening ①			Pipe Culvert ②							Aprons	Driveway Surface Area		Driveway Surfacing Material	Remarks	
Station	Side	A, B, C, Safety Ramp, or Predetermined*	Case	1 1/2" Dropped Curb	3" Dropped Curb	W	PR	SR	H	Size	Pipe Length	Lt.		Rt.	HMA			PCC
			1 or 2	LF	LF	FT	FT	FT	FT	FT	IN	LF		LF	LF			No.
716+43.26	RT	B	1			32.8	15.0								78.8	(LARSEN)		
728+79.83	RT	B	1			25.6	30.20								83.0	(LARSEN)		
732+17.37	RT	B	1			46.5	25.0								103.4	(LARSEN)		
736+91.72	RT	B	1			45.0	25.0								135.6	(LARSEN)		
742+13.26	RT	B	1			31.0	15.0								78.5	(LARSEN)		
Total															471.3			

TS-1

TEMPORARY SHORING

No.	Begin Station	End Station	Linear Foot	Trench Depth	Remarks
1	721+36, 33' L	721+67, 29' L	30	12	Shoring to protect fence
2	735+60, 34' R	735+74, 36' R	15	9	Shoring to protect trees
3	735+78, 25' R	735+74, 36' R	10	9	Shoring to protect trees
4	737+28, 61' L	738+68, 23' L	140	16 to 22	Shoring along gas main crossing
5	737+32, 66' L	738+80, 24' L	155	16 to 22	Shoring along gas main crossing

SANITARY OR STORM SEWER ABANDONMENT OR REMOVAL

* Not a bid item

Location/Description	Sanitary or Storm Sewer	Abandonment, Plug Only or Abandonment, Plug and Fill or Removal	Length of Pipe		Fill Material*		Remarks
			≤ 36 inch diameter	> 36 inch diameter	Flowable Mortar or CLSM		
			LF	LF	CV		
RP100, U.10, U.14	Storm Sewer	Removal	348		24" RCP, Note 6 - Div. 5		
RP103, U.11	Storm Sewer	Removal	29		15" RCP, Note 6 - Div. 2		
RP105, U.11	Storm Sewer	Removal	62		15" RCP, Note 6 - Div. 2		
RP108, U.11	Storm Sewer	Removal		100	54" RCP, Note 6 - Div. 2		
RP110, U.11	Storm Sewer	Removal		10	54" RCP, Note 6 - Div. 2		
RP112, U.11	Storm Sewer	Removal		25	54" RCP, Note 6 - Div. 2		
RP113, U.11	Storm Sewer	Removal		96	48" CMP/36"x58" RCAP; Note 6, 7 - Div. 2		
RP115, U.11	Storm Sewer	Removal	30		15" RCP, Note 6 - Div. 2		
RP118, U.11, U.12	Storm Sewer	Removal	50		15" RCP, Note 6 - Div. 2		
RP120, U.11, U.12	Storm Sewer	Removal	31		18" CMP, Note 6 - Div. 2		
RP121, U.12	Storm Sewer	Removal	252		15" RCP, Note 6 - Div. 2		
RP122, U.12	Storm Sewer	Removal	65		24" RCP, Note 6 - Div. 2		
RP124, U.12	Storm Sewer	Removal	29		15" RCP, Note 6 - Div. 2		
RP126, U.13	Storm Sewer	Removal	16		15" RCP, Note 6 - Div. 2		
RP128, U.13, U.14	Storm Sewer	Removal	30		15" RCP, Note 5 - Div. 2		
RP130, U.13, U.14	Storm Sewer	Removal	85		15" RCP, Note 5 - Div. 2		
RP131, U.16	Storm Sewer	Removal		30	36" RCP, Note 5 - Div. 2		
RP133, U.14	Storm Sewer	Removal		66	48" CMP, Note 5 - Div. 2		
RP135, U.14, U.19	Storm Sewer	Removal		367	72" RCP, Note 5 - Div. 5		
AP107, U.11	Storm Sewer	Abandonment, Plug Only		280	54" RCP, Note 5 - Div. 2		
AP111, U.11	Storm Sewer	Abandonment, Plug and Fill		86	54" RCP, Note 6 - Div. 2		
AP200, U.11	Sanitary Sewer	Abandonment, Plug and Fill	468		123.0 36" VCP; Note 2,3,6 - Div. 2		
AP202, U.11, U.12	Sanitary Sewer	Abandonment, Plug and Fill		570	266.0 48" RCP; Note 2,3,6 - Div. 2		
AP204, U.12, U.13	Sanitary Sewer	Abandonment, Plug and Fill		572	266.0 48" RCP; Note 2,3,6 - Div. 2		
AP205, U.13	Sanitary Sewer	Abandonment, Plug and Fill	98		26.0 36" VCP; Note 2,3,6 - Div. 2		
AP207, U.13	Sanitary Sewer	Abandonment, Plug and Fill		235	110.0 48" RCP; Note 2,3,6 - Div. 2		
AP208, U.13	Sanitary Sewer	Abandonment, Plug and Fill	32		4.0 24" VCP; Note 2,3,6 - Div. 2		
AP209, U.15, U.17	Sanitary Sewer	Abandonment, Plug and Fill		343	159.0 48" Brick; Note 2,3,5 - Div. 2		
AP210, U.17	Sanitary Sewer	Abandonment, Plug and Fill		179	110.0 60" RCP; Note 2,3,5 - Div. 2		
AP212, U.17	Sanitary Sewer	Abandonment, Plug and Fill		143	104.0 60" RCP; Note 2,3,5 - Div. 2		
AP213, U.17	Sanitary Sewer	Abandonment, Plug and Fill	35		10.0 36" VCP; Note 2,3,5 - Div. 2		
AP215, U.15, U.16, U.17	Sanitary Sewer	Abandonment, Plug and Fill	590		20.0 12" VCP; Note 2,3,4,5 - Div. 2		
RP206, U.13	Sanitary Sewer	Removal	96		8" VCP, Note 5 - Div. 2		
RP214, U.17	Sanitary Sewer	Removal		20	60" RCP Filled With CLSM, Note 1,2,5 - Div. 2		
	Totals	Sanitary Sewer Abandonment, Plug and Fill Removal	1223 FT 96 FT	2042 FT 20 FT	1218 CV		
	Totals	Storm Sewer Abandonment, Plug Only Abandonment, Plug and Fill Removal		280 FT 86 FT 1027 FT	51 CV		

Notes:

1. Removal of pipe shall include any steel casing, and Flowable Mortar or CLSM that the pipe is filled with. No additional payment shall be made for these items.
2. Abandonment, plug and fill shall include any Flowable Mortar or CLSM needed during abandonment. No additional payment will be made for these materials.
3. Sanitary sewer pipes that are to "Abandonment, Plug and Fill" shall be jet cleaned prior to abandonment. Jet cleaning shall be paid by pipe size under the "Jet Clean Existing Sanitary Sewer" bid item.
4. Refer to EXPLORATORY EXCAVATION bid item for work associated with locating existing pipes.
5. Stage 1
6. Stage 2
7. Pipe alignment and material changes at unknown location underneath Larsen Park Road.

Page 10 of 20

REMOVAL OF INTAKES AND UTILITY ACCESSES

110-15
04-16-13

No.	Location/Description	Type	Remarks
RS101	U.18, Storm Sewer Intake	Intakes	Estimated Depth 10.7', Div. 5, Stage 2
RS102	U.11, Storm Sewer Intake	Intakes	Estimated Depth 3.9', Div. 2, Stage 2
RS104	U.11, Storm Sewer Intake	Intakes	Estimated Depth 4.4', Div. 2, Stage 2
RS109	U.11, Storm Sewer Utility Access	Utilities	Estimated Depth 11.0', Div. 2, Stage 2
RS114	U.11, Storm Sewer Intake	Intakes	Estimated Depth 5.2', Div. 2, Stage 2
RS116	U.11, Storm Sewer Intake	Intakes	Estimated Depth 10.9', Div. 2, Stage 2
RS117	U.11, U.12, Storm Sewer Intake	Intakes	Estimated Depth 4.8', Div. 2, Stage 2
RS119	U.11, U.12, Storm Sewer Utility Access	Utilities	Estimated Depth 7.2', Div. 2, Stage 2
RS123	U.12, Storm Sewer Intake	Intakes	Estimated Depth 4.6', Div. 2, Stage 2
RS125	U.12, Storm Sewer Intake	Intakes	Estimated Depth 4.9', Div. 2, Stage 2
RS127	U.13, U.14, Storm Sewer Intake	Intakes	Estimated Depth 3.8', Div. 2, Stage 1
RS129	U.13, U.14, Storm Sewer Intake	Intakes	Estimated Depth 4.3', Div. 2, Stage 1
RS132	U.14, Storm Sewer Intake	Intakes	Estimated Depth 5.5', Div. 2, Stage 1
RS134	U.14, Storm Sewer Utility Access	Utilities	Estimated Depth 8.0', Div. 2, Stage 1
AS106	U.11, Storm Sewer Utility Access	Utilities	Estimated Depth 7.9', Abandon per Note, Div.2, Stage 1
RS201	U.11, Sanitary Sewer Utility Access	Utilities	Estimated Depth 11.9', Div. 2, Stage 2
RS203	U.12, Sanitary Sewer Utility Access	Utilities	Estimated Depth 10.7', Div. 2, Stage 2
RS211	U.17, Sanitary Sewer Utility Access	Utilities	Estimated Depth 17.5', Div. 2, Stage 1
RS212	U.13, Sanitary Sewer Utility Access	Utilities	Estimated Depth 23.0', Div. 2, Stage 1
RS213	U.17, Sanitary Sewer Utility Access	Utilities	Estimated Depth 23.0', Div. 2, Stage 1
Total Utility Accesses - Sanitary Sewer Removal			5
Total Intakes/Utility Accesses - Storm Sewer Removal			14
Total Utility Accesses - Storm Sewer Abandonment			1

Note:
Seal opening of 54" RCP pipe exiting the South side of the structure with steel plate from inside the access. Fill structure with flowable flowable mortar up to the invert elevation of 54" RCP entering structure from the north (Elev = 1084.45+/-). Sealing of 54" RCP is incidental to the FLOWABLE MORTAR bid item quantity.

DELIVERY AND STOCKPILING

110-13
04-20-10

Item Description	Quantity	Units	Delivery Location	Contact Name & Number	Remarks
INTAKE/UTILITY ACCESS COVERS		LS	(1)	TIM HIGGINS (712) 898-4098	
FIRE HYDRANT ASSEMBLY		LS	(1)	TIM HIGGINS (712) 898-4098	
SIGNS AND POSTS		LS	(2)	KURT FRANK (712) 279-6397	
(1)	Field Services, Headquarters, 1723 18th St., Sioux City, IA 51105				
(2)	Sign Shop, 715 Omaha St., Sioux City, IA 51105				

REMOVAL AND ABANDONMENT OF WATER MAIN

110-15 WM
Modified

No.	Location/Description	Linear Feet	Remarks
RP300	U.10, U.18	10	Removal, 8", Stage 2
RP301	U.10, U.18	10	Removal, 8", Stage 2
RP303	U.10, U.11	10	Removal, 8", Stage 2
RP304	U.11	310	Removal, 8", Stage 2
RP306	U.11	110	Removal, 8", Stage 2
RP307	U.11	60	Removal, 8", Stage 2
RP308	U.11, U.12	250	Removal, 8", Stage 2
RP310	U.12	339	Removal, 8", Stage 2
RP311	U.12, U.13	292	Removal, 8", Stage 2
RP313	U.13, U.14, U.19	811	Removal, 8", Stage 1
RP314	U.13	46	Removal, 8", Stage 1
RP315	U.14	46	Removal, 8", Stage 1
RP317	U.14, U.19	105	Removal, 8", Stage 1
RP318	U.14, U.15, U.16, U.17, U.19	702	Removal, 8", Stage 1
RP319	U.16	7	Removal, 8", Stage 1
RP321	U.16	449	Removal, 6", Stage 1
Note: all items are Div. 3			
Total		3560	

REMOVAL OF EXISTING APPURTENANCES

110-2 WM
Modified

No.	Location	Description
RH302	U.10, U.11	Remove Fire Hydrant Assembly, Stage 2
RH305	U.11	Remove Fire Hydrant Assembly, Stage 2
RH309	U.12	Remove Fire Hydrant Assembly, Stage 2
RH312	U.13	Remove Fire Hydrant Assembly, Stage 1
RH316	U.14, U.19	Remove Fire Hydrant Assembly, Stage 1
RH320	U.16	Remove Fire Hydrant Assembly, Stage 1
Total Remove Fire Hydrant Assembly = 6		
Note: All items are Div. 3		

STORM SEWER

① diameter or equivalent diameter

* Bid Item
** For SW-545

INTAKES AND UTILITY ACCESSES

PIPES

Design Length, Slope, and Flowlines are calculated from inside wall to inside wall along CL of pipe. An additional 3 ft length is added to each side of the Design Length to account for estimated length to center of structures.

No.	Location Station and Offset	*Type or Standard Road Plan	Form Grade	Bottom Well	Other	Notes	Line Number	Intake/ Utility Access No.	Class 'D'	Pipe Size	Bid* Length	Design Length	Slope X	Flow Lines			Pipe Profile Sheet No.	Notes	
														Inlet Elevation	Outlet Elevation	Other Elevation			
			Elev.	Elev.	FT			IN	FT	FT									
853001a	716+00.00, 45.00' LT	SW-401 MODIFIED (48")	1093.33	1089.34		Note 1, 2	P-853001a	853001a	853001	2000	15	33	28.1	8.25	1090.00	1087.75		M.11	Note 1
853001	716+08.00, 12.50' LT	SW-509	1093.33	1089.50		Note 1	P-853001	853001	853002	2000	15	29	25.0	1.00	1086.00	1085.75		M.11	Note 1
853002	716+08.00, 12.50' RT		1090.25	1084.95		Note 1	P-853002	853002	853004	2000	15	112	107.2	1.00	1085.45	1084.30		M.4	Note 1
853003	717+22.50, 12.50' LT	SW-541	1089.40	1084.65		Note 1	P-853003	853003	853004	2000	15	26	21.4	1.00	1085.15	1084.93		M.11	Note 1
853003a	717+50.00, 50.00' LT	SW-507	1089.40	1081.58		Note 1, 3	P-853003a	853003a	853006	2000	15	104	99.8	1.00	1084.08	1083.88		M.4	Note 1
853005	718+25.00, 50.00' LT	SW-401 MODIFIED (48")	1088.75	1080.78		Note 1, 3	P-853005a	853005a	853005a	2000	15	78	73.5	1.00	1081.28	1080.55		M.11	Note 1
853006	718+27.50, 12.50' LT	SW-507 MODIFIED (48")	1088.77	1077.55		Note 1, 3	P-853006	853006	853006	2000	15	37	32.6	1.00	1080.17	1079.84		M.11	Note 1
853007	719+17.50, 12.50' LT	SW-507 MODIFIED	1088.77	1077.20		Note 1, 3	P-853007	853007	853008	2000	18	88	84.0	0.50	1077.7	1077.28		M.4	Note 1
853008	719+17.50, 12.50' RT	SW-509 MODIFIED	1088.45	1076.28		Note 1, 3	P-853008	853008	853010	2000	24	74	69.5	0.50	1076.78	1076.43		M.4	Note 1
853009b	720+25.00, 35.00' LT	SW-401 MODIFIED (48")	1088.40	1084.40		Note 1, 3	P-853009b	853009b	853009a	2000	15	21	26.6	0.50	1085.23	1085.00		M.11	Note 1
853009a	719+02.50, 35.00' LT	SW-401 (60")	1090.00	1084.40		Note 1	P-853009a	853009a	853009	2000	24	24	19.6	0.50	1084.90	1084.80		M.11	Note 1
853010	719+02.50, 12.50' LT	SW-541	1088.60	1076.14		Note 1	P-853010	853010	853010	2000	24	26	21.4	0.50	1076.64	1076.43		M.11	Note 1
853011a	723+75.00, 30.00' LT	SW-508	1089.25	1074.93		Note 1	P-853011a	853011a	853019	2000	36	163	158.3	0.50	1075.43	1074.64		M.4/H.5	Note 1
853011	724+32.50, 12.50' LT	SW-401 MODIFIED (48")	1089.25	1085.25		Note 1, 3	P-853011	853011a	853011	2000	15	59	54.4	0.50	1085.98	1085.71		M.12	Note 1
853012	724+32.50, 12.50' RT	SW-507	1091.52	1085.11		Note 1	P-853012	853012	853012	2000	15	29	25.0	1.00	1085.61	1085.36		M.12	Note 1
853013	722+82.50, 12.50' LT	SW-507	1091.52	1084.69		Note 1	P-853013	853013	853015	2000	15	155	150.6	0.70	1085.19	1084.14		M.5	Note 1
853014	722+82.50, 12.50' RT	SW-507	1090.55	1085.25		Note 1	P-853014	853013	853014	2000	15	29	25.0	1.00	1086.30	1086.05		M.11	Note 1
853015	722+82.50, 30.00' RT	SW-401 (48")	1090.75	1083.34		Note 1	P-853015	853014	853015	2000	15	17	12.5	1.00	1085.75	1085.62		M.11	Note 1
XST501	721+73.51, 125.89' LT	Existing Structure	N/A	N/A		Note 4	P-853015	853015	853019	2000	15	137	133.0	0.70	1083.84	1082.91		M.5	Note 1
853016	721+32.50, 12.50' LT	SW-507	1089.50	1084.83		Note 1	P-853016	853016	853018	36" x 59" RCAP	15	-	104.1	0.76	1076.17+/-	1075.39+/-		M.12	Note 4, 8
853017	721+32.50, 12.50' RT	SW-507	1089.50	1084.83		Note 1	P-853017	853016	853018	2000	15	20	15.1	1.00	1085.33	1085.18		M.11	Note 1
853018	721+50.00, 25.00' LT	SW-404 (4' x 7')	1089.64	1074.59		Note 1	P-853017	853017	853019	2000	15	25	21.0	1.00	1085.33	1085.12		M.11	Note 1
853019	721+50.00, 32.00' RT	SW-404 (6' x 6')	1089.50	1073.84		Note 1	P-853018	853018	853019	2000	36	56	51.5	1.00	1075.09	1074.58		M.12	Note 1
853020	721+52.73, 67.86' RT	Outlet at River	FL=1074.00	N/A		Note 1, 5	P-853019	853019	853020	2000	36	36	34.0	1.00	1074.34	1074.00		M.12	Note 1, 5
853021	725+75.48, 32.88' LT	SW-401 MODIFIED (48")	1090.10	N/A		Note 1, 3, 6													
853022	729+52.50, 12.50' LT	SW-507	1094.87	1090.12		Note 1	P-853022	853022	853023	2000	15	29	25.0	1.00	1090.62	1090.37		M.12	Note 1
853023	729+52.50, 12.50' RT	SW-507	1094.87	1089.57		Note 1	P-853023	853023	853025	2000	15	159	154.1	0.50	1090.87	1089.30		M.6	Note 1
853024	727+02.50, 12.50' LT	SW-507	1093.84	1089.09		Note 1	P-853024	853024	853025	2000	15	29	25.0	1.00	1089.59	1089.34		M.12	Note 1
853025	727+02.50, 12.50' RT	SW-507	1093.84	1088.50		Note 1	P-853025	853025	853027	2000	15	178	173.5	0.50	1089.00	1088.13		M.5/H.6	Note 1
853026	726+15.00, 12.50' LT	SW-507	1092.69	1087.94		Note 1	P-853026	853026	853027	2000	15	29	25.0	1.00	1088.44	1088.19		M.12	Note 1
853027	726+15.00, 12.50' RT	SW-507	1092.69	1087.21		Note 1	P-853027	853027	XST502	2000	18	22	17.2	1.00	1087.71	1087.54		M.12	Note 1, 8
XST502	726+02.83, 29.68' RT	Existing Structure	N/A	N/A		Note 1, 7													
853028	731+75.00, 12.50' LT	SW-507	1095.45	1090.70		Note 1	P-853028	853028	853029	2000	15	29	25.0	1.00	1091.20	1090.95		M.13	Note 1
853029	731+75.00, 12.50' RT	SW-507	1095.45	1090.35		Note 1	P-853029	853029	853031	2000	15	105	101.0	0.50	1090.85	1090.34		M.6	Note 1
853030	732+80.00, 12.50' LT	SW-507	1094.92	1090.17		Note 1	P-853030	853030	853031	2000	15	29	25.0	1.00	1090.67	1090.42		M.13	Note 1
853031	732+80.00, 12.50' RT	SW-507	1094.92	1089.74		Note 1	P-853031	853031	853033	2000	15	120	116.0	0.50	1090.24	1089.66		M.6/H.7	Note 1
853032	734+00.00, 12.50' LT	SW-507	1094.32	1089.57		Note 1	P-853032	853032	853033	2000	15	29	25.0	1.00	1090.07	1089.82		M.13	Note 1
853033	734+00.00, 12.50' RT	SW-507	1094.32	1089.06		Note 1	P-853033	853033	853035	2000	15	73	69.0	0.50	1089.56	1089.22		M.7	Note 1
853034	734+75.00, 12.50' LT	SW-509	1094.07	1089.32		Note 1	P-853034	853034	853035	2000	15	29	25.0	1.00	1089.82	1089.57		M.13	Note 1
853035	734+75.00, 12.50' RT	SW-509	1094.07	1088.62		Note 1	P-853035	853035	853046	2000	15	89	85.0	0.50	1089.12	1088.69		M.7	Note 1
853036	740+55.00, 12.50' LT	SW-507	1099.37	1094.62		Note 1	P-853036	853036	853037	2000	15	29	25.0	1.00	1095.12	1094.87		M.14	Note 1
853037	740+55.00, 12.50' RT	SW-507	1099.37	1094.27		Note 1	P-853037	853037	853039	2000	15	150	145.7	0.79	1094.77	1093.62		M.8	Note 1
853038	739+02.00, 12.50' LT	SW-507	1097.84	1093.09		Note 1	P-853038	853038	853039	2000	15	29	25.0	1.00	1093.59	1093.34		M.14	Note 1
853039	739+02.00, 12.50' RT	SW-507	1097.84	1092.74		Note 1	P-853039	853039	853041	2000	15	121	116.4	0.79	1093.24	1092.32		M.7	Note 1
853040	737+80.00, 12.50' LT	SW-507	1096.62	1091.87		Note 1	P-853040	853040	853041	2000	15	29	25.0	1.00	1092.37	1092.12		M.14	Note 1
853041	737+80.00, 12.50' RT	SW-507	1096.62	1091.52		Note 1	P-853041	853041	853043	2000	15	138	133.5	0.79	1092.02	1090.97		M.7	Note 1
853042	736+42.50, 12.50' LT	SW-507	1095.25	1090.50		Note 1	P-853042	853042	853043	2000	15	29	25.0	1.00	1091.00	1090.75		M.14	Note 1
853043	736+42.50, 12.50' RT	SW-507	1095.25	1090.15		Note 1	P-853043	853043	853046	2000	15	77	72.5	1.00	1090.65	1089.92		M.7	Note 1
853044	735+67.00, 33.00' LT	SW-401 MODIFIED (48")	1093.73	1089.73		Note 1, 3	P-853044	853044	853045	2000	15	20	15.5	0.50	1090.41	1090.33		M.14	Note 1
853045	735+66.00, 12.50' LT	SW-507	1094.48	1089.73		Note 1	P-853045	853045	853046	2000	15	29	25.0	1.00	1090.23	1089.99		M.14	Note 1
853046	735+66.00, 12.50' RT	SW-507	1094.48	1088.09		Note 1	P-853046	853046	853047	2000	18	16	11.3	0.50	1088.59	1088.53		M.14	Note 1
853047	735+69.00, 30.00' RT	SW-401 (84")	1095.00	1087.62		Note 1, 8	P-853047a	853047	XST503	48" CMP	-	-	-	0.47	1088.12+/-	1087.53+/-		M.14	Note 4, 8
XST503</																			

STORM SEWER

① Diameter or equivalent diameter
* Bid Item
** For SW-545

INTAKES AND UTILITY ACCESSES

PIPES

Design Length, Slope, and Flowlines are calculated from inside wall to inside wall along CL of pipe. An additional 3 ft length is added to each side of the Design Length to account for estimated length to center of structures.

No.	Location Station and Offset	*Type or Standard Road Plan	Form Grade	Bottom Well	Other	Notes	Line Number	Intake/ Utility Access No.		Class 'D'	Pipe Size ①	Bid* Length	Design Length	Slope %	Flow Lines			Pipe Profile Sheet No.	Notes	
			Elev.	Elev.	FT			From	To						Inlet Elevation	Outlet Elevation	Other Elevation			
								IN	FT						FT					
XST504	712+52.30, 198.96' LT	Existing Structure	N/A	N/A		Note 4	P-853048a	XST504	853048	24" RCP	-	-	Inc'1	1.30	1087.46+/-	1085.33+/-		N/A	Note 4, 8	
853048	712+46.17, 33.90' LT	SW-404 (4' x 7')	1096.48	1081.78		Note 2, 8, 9	P-853048b	853048	853049	2000	48	242	237.9	0.50	1082.28	1081.09		M.9	Note 2, 8	
XST505	714+38.49, 100.54' RT	Existing Structure	N/A	N/A		Note 4	P-853049a	XST505	853049	15" RCP	-	-	Inc'1	0.50	1085.34+/-	1084.15+/-		N/A	Note 4, 8	
XST506	713+50.22, 193.85' RT	Existing Structure	N/A	N/A		Note 4	P-853049b	XST506	853049	12" RCP	-	-	Inc'1	3.38	1086.08+/-	1083.91+/-		N/A	Note 4, 8	
XST507	711+26.68, 191.72' RT	Existing Structure	N/A	N/A		Note 4	P-853049c	XST507	853049	15" RCP	-	-	Inc'1	0.50	1085.35+/-	1085.26+/-		N/A	Note 4, 8	
853049	711+45.65, 204.17' RT	SW-404 (7' x 7')	1092.50	1080.29		Note 2, 8	P-853049	853049	853050	2000	48	87	84.6	0.50	1080.79	1080.37		M.9	Note 2	
853050	711+01.58, 280.34' RT	Outlet to River	FL=1080.37	N/A		Note 2, 5														
853051	739+08.23, 40.33' LT	Connection to Existing Manhole	FL=1080.43	N/A		Note 2, 3, 8, 10	P-853051	853051	853052	3000	72	33	28.0	0.70	1080.43	1080.23		M.10	Note 2, 10	
FS01	2473+67.23, 33.36' RT	Future Structure	N/A	N/A		Note 13	P-853052a	FS01	853052	3000	36	191	188.2	1.00	--	1076.84	1078.73		M.14	Note 2, 12
853052	739+23.42, 17.82' LT	SW-404 MODIFIED (12' x 16')	1098.77	1071.34		Note 2, 3	P-853052(x2)	853052	853053	3000	60	611	606.4	0.50	1072.09	1070.57		M.10	Note 2, 11	
853053	741+09.78, 250.42' RT	Outlet Structure at River	FL=1070.57	N/A		Note 2, 3														
853054	730+22.14, 7.60' LT	SW-211	FL=1084.02	N/A		Note 14	P-853054	853054	853055	2000	15	20	16.0	1.34	1084.02+/-	1083.80+/-		N/A	Note 1	
853055	730+17.12, 7.60' RT	SW-211	FL=1083.80	N/A		Note 14														

GENERAL NOTES:

All roadway intakes shall be constructed for 8" curb height.

Use material complying with Article 4120.04 (Class A Crushed Stone) of the Standard Specifications for initial bedding and backfill (apply SW-102 Modified in U sheets for all pipes regardless of size, shape, or type). Use suitable earth material for remaining bedding and backfill. Place and compact materials according to Article 2435.03(A) and Article 2552.03(E).

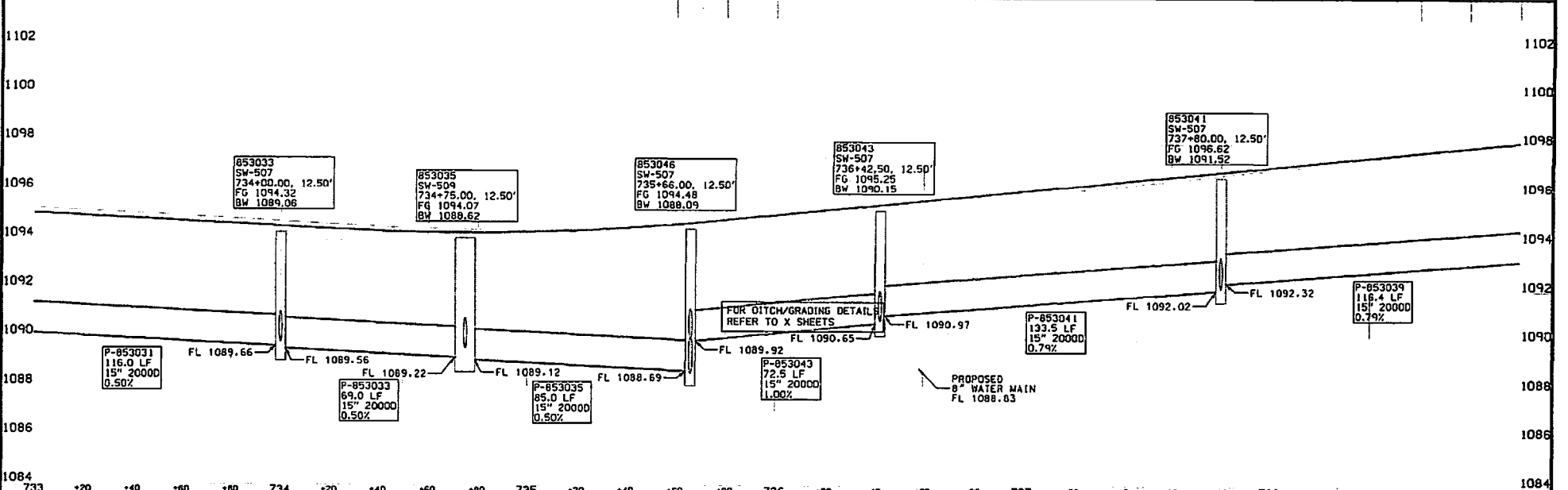
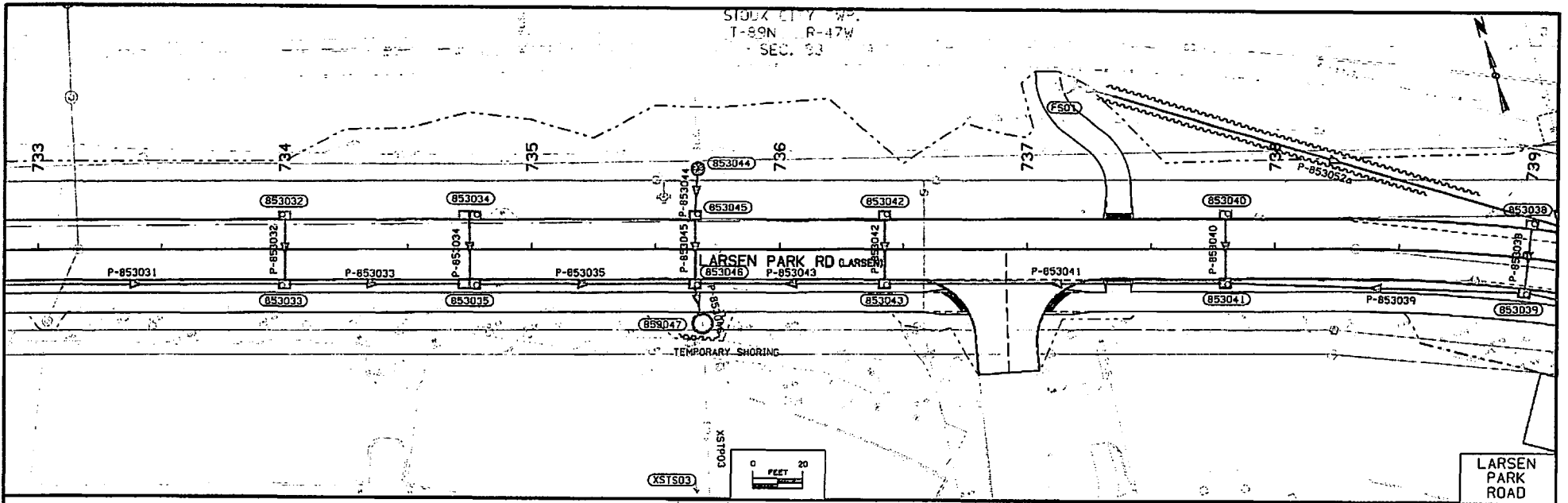
NOTES:

- Funding Source - Division 2 (100% SRF Clean Water)
- Funding Source - Division 5 (13% State of Iowa / 87% City of Sioux City)
- Refer to U-sheets for Modified Standard Road Plans and Special Details
- For Information Only - U.A.C.
- Refer to U-sheets for detail "Storm Sewer Pipe Outfall at Missouri River". Required footing shall be incidental to pipe construction. DR-121, Type 2 (Connected Pipe Joints) shall be used for two joints, and are incidental to pipe construction. Excavation and Retement are paid for with "Excavation, Class 20" and "Retement, Class 0" Bid Items, respectively.
- Work associated with structure is paid for with item "Manhole Adjustment, Major". Remove existing lid and install lid and casting per Modified Standard Road Plan in U-sheets.
- Connection of proposed 18" RCP (P-853027) to Existing Structure (XST502), is paid for with item "Manhole Adjustment, Major". Existing barrel section shall be rotated to align pipe cut-out with proposed pipe alignment and slope. Adjust casting as necessary to bring to finished surface.
- Field verify existing pipe sizes/elevations. Connections and/or extensions of existing pipes shall be incidental to the associated proposed structure, including field bends as-needed.
- Concrete invert shall NOT be poured in order to accommodate future construction.
- Connection to proposed 72" RCP (P-853051) to Existing Structure (853051), is paid for with item "Connection to Existing Manhole". Concrete invert shall be constructed in structure and shall be considered incidental to the connection.
- P-853052 is (2) side-by-side pipes. Bid Length = 2x the Design Length + 6' (3' for each pipe into the upstream structure).

- Pipe stub-out from adjacent structure is for connecting a future project's drainage system (by others). Construct cap at upstream end of pipe stub-out. Construct per RF-21, Concrete Pipe Cap, with cap thickness and reinforcing requirements to be at least equivalent to class 3000 RCP of same size as adjacent pipe, and in a manner that enables removal without pipe damage in the future. Method to be approved by Engineer. Placement of cap is incidental to pipe construction. Other Elevation = FL elevation at upstream end of pipe stub.
- Future structure by others. Intended for pipe alignment purposes only. Given station location is based on SBFRTN1 chain and is pipe connection location at future structure, rather than future structure station location.
- Connection to be SW-211, Type PC-2 Concrete Collar Connection. Connection is considered incidental to associated proposed pipe construction. Adjacent proposed pipe lengths are measured to centerline of connection.

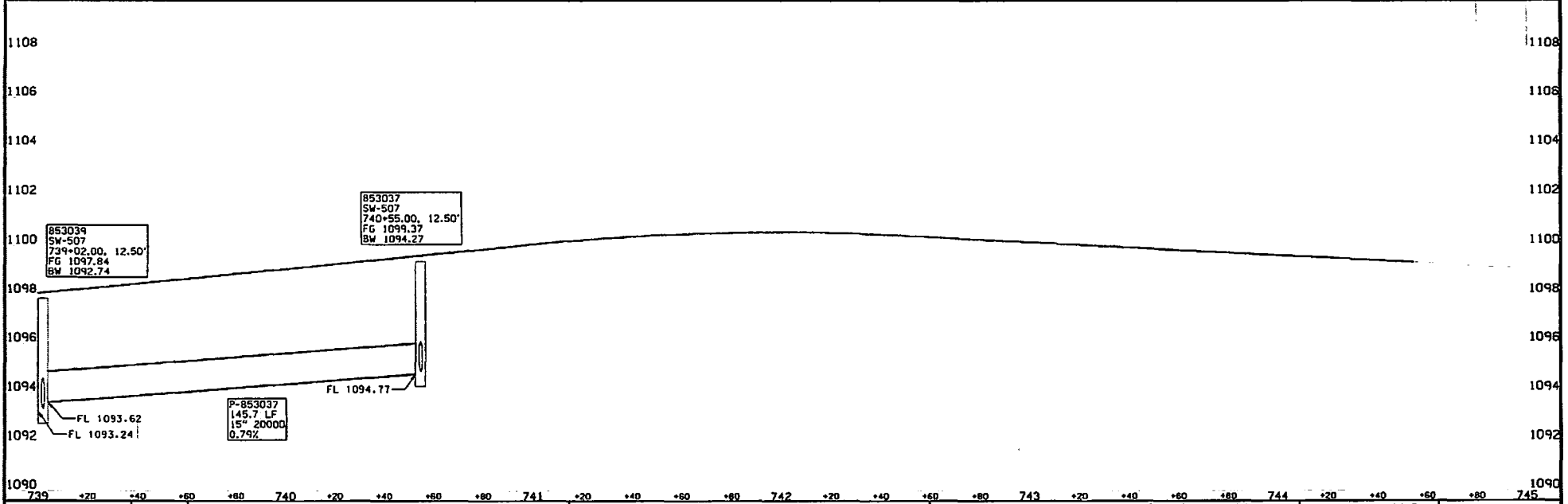
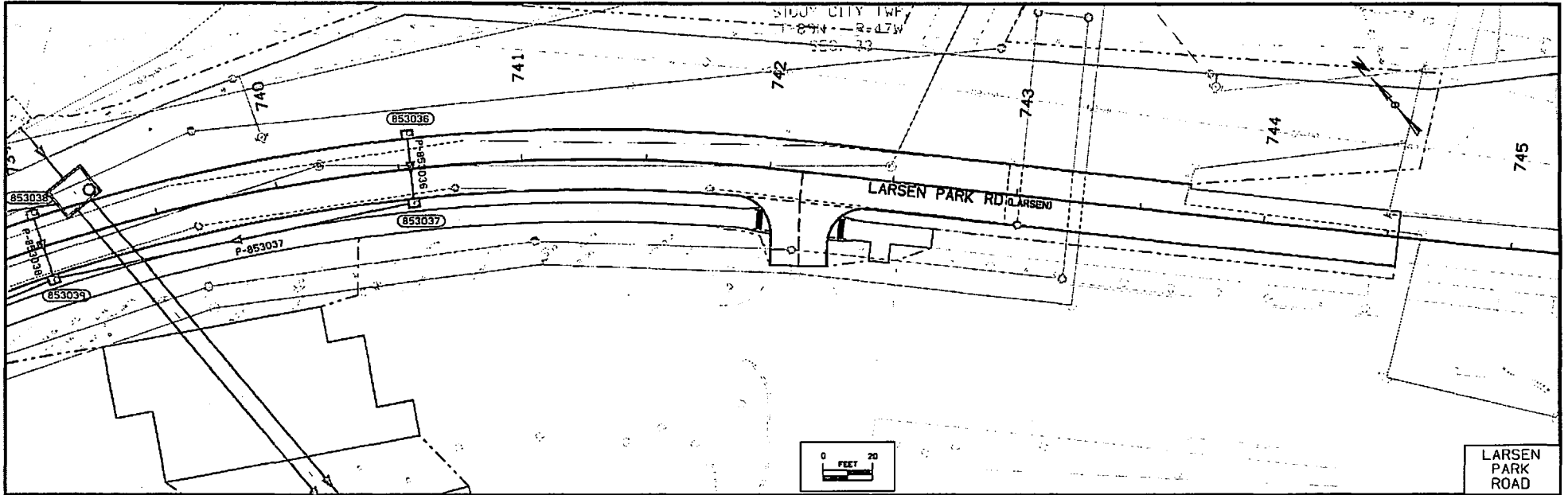
Page 13 of 20

Page 14 of 20

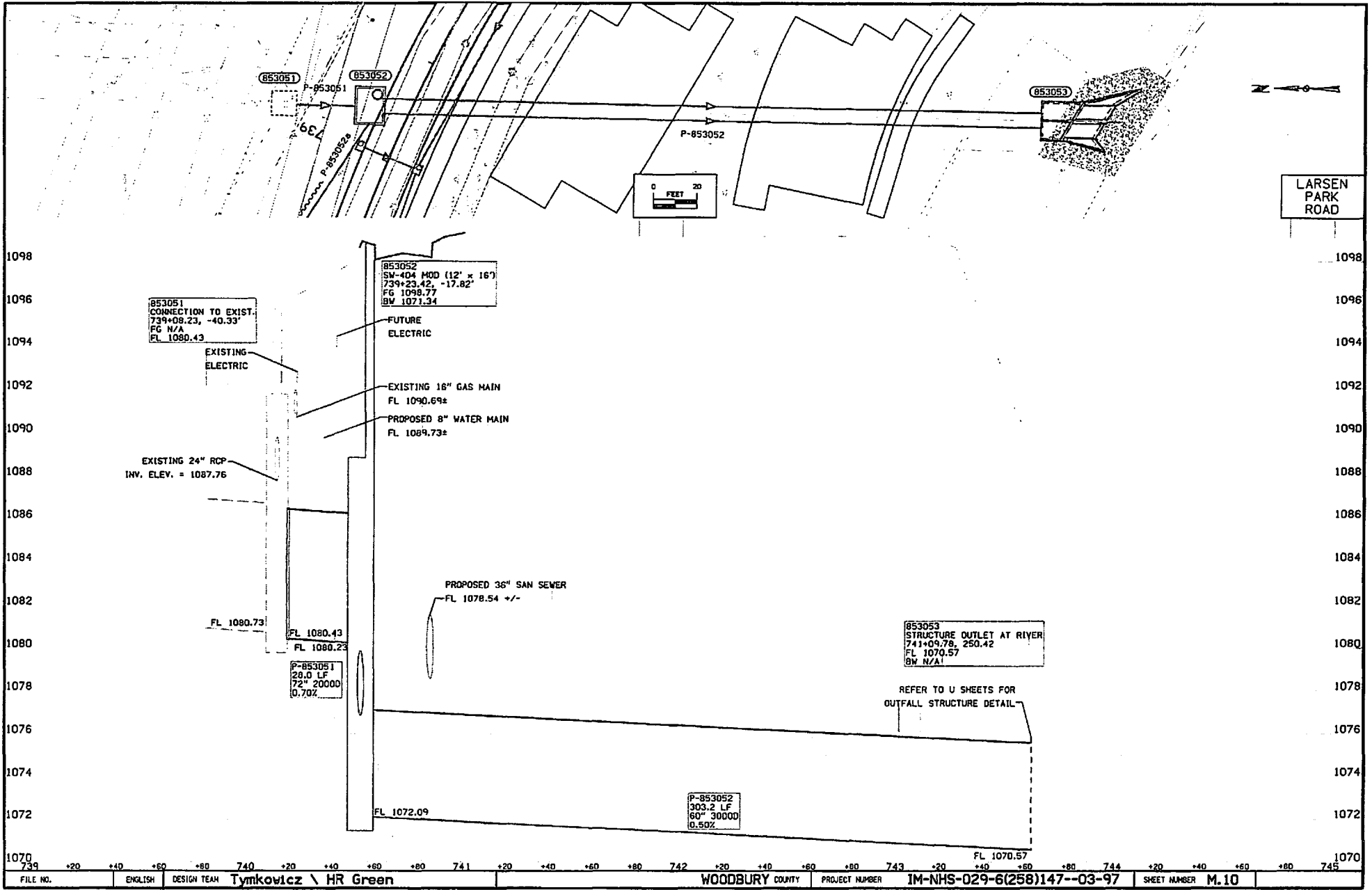


FILE NO.	ENGLISH	DESIGN TEAM	WOODBURY COUNTY	PROJECT NUMBER	SHEET NUMBER
733	IA.501	Tymkowicz \ HR Green		IM-NHS-029-6(258)147--03-97	M.7

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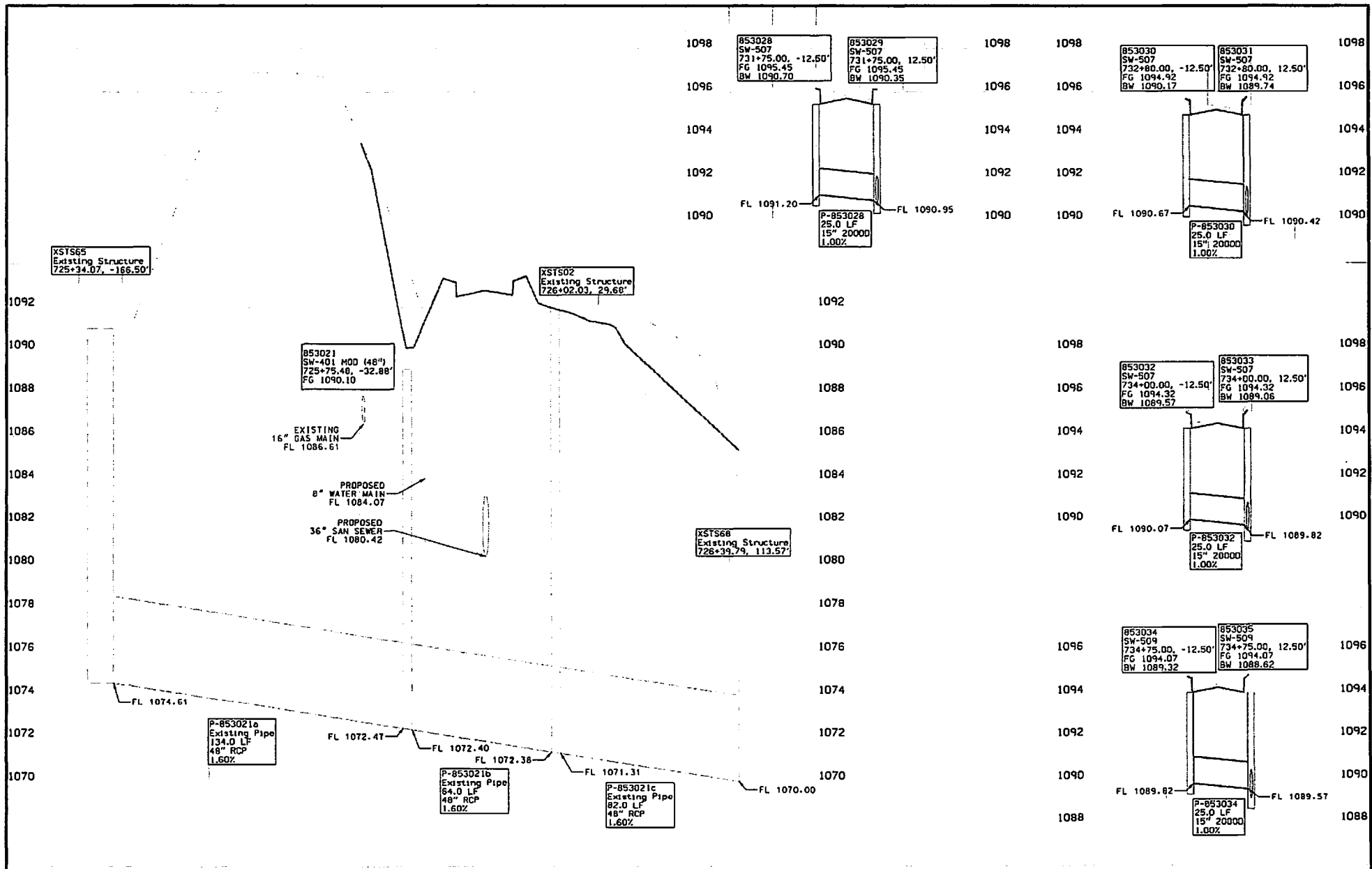
FILE NO.	ENGLISH	DESIGN TEAM	Tymkowitz \ HR Green	WOODBURY COUNTY	PROJECT NUMBER	IM-NHS-029-6(258)147--03-97	SHEET NUMBER	M.8
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Date 16 of 20

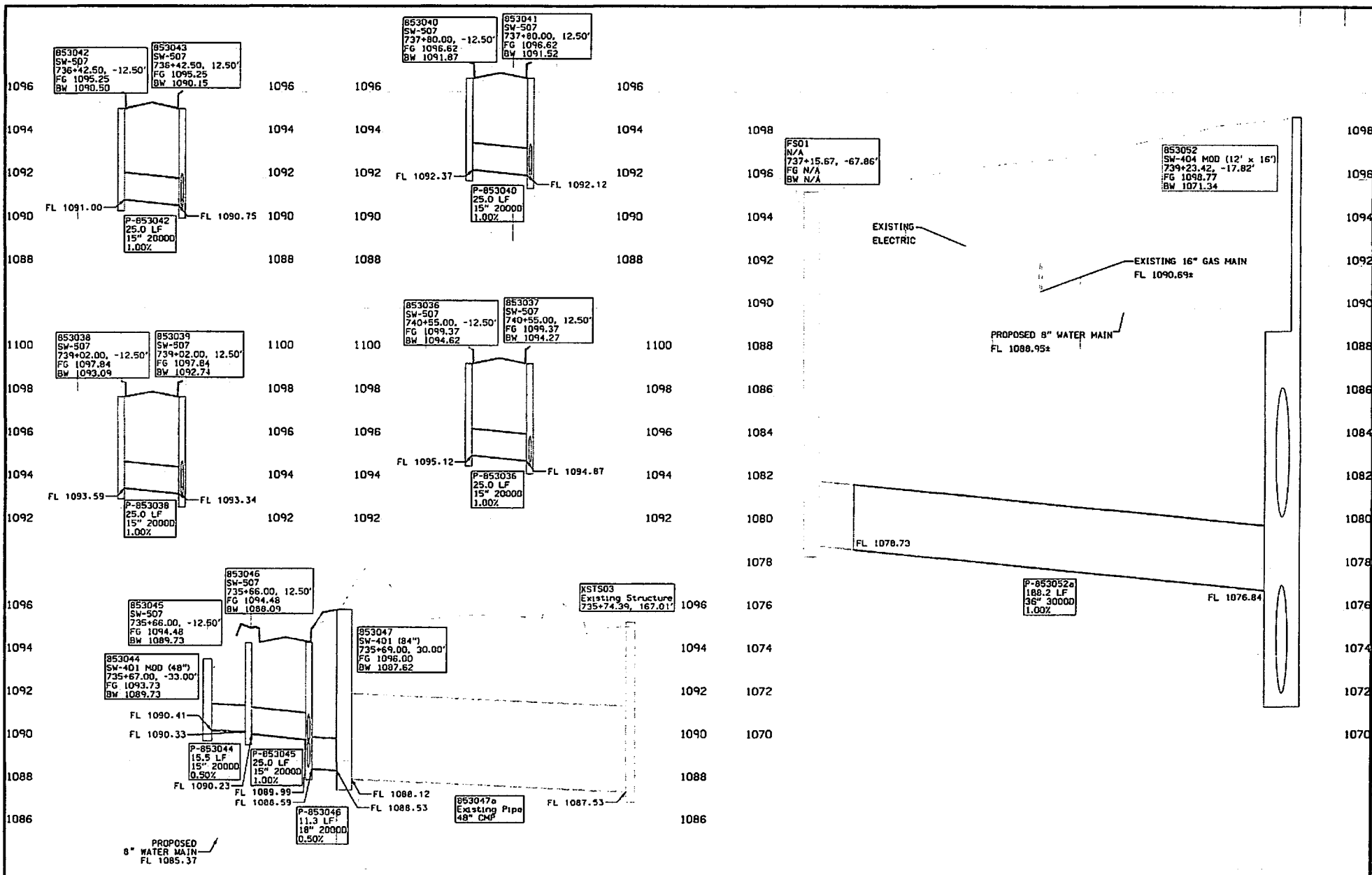
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739		Tymkowlcz \ HR Green		IM-NHS-029-6(258)147--03-97	M.10

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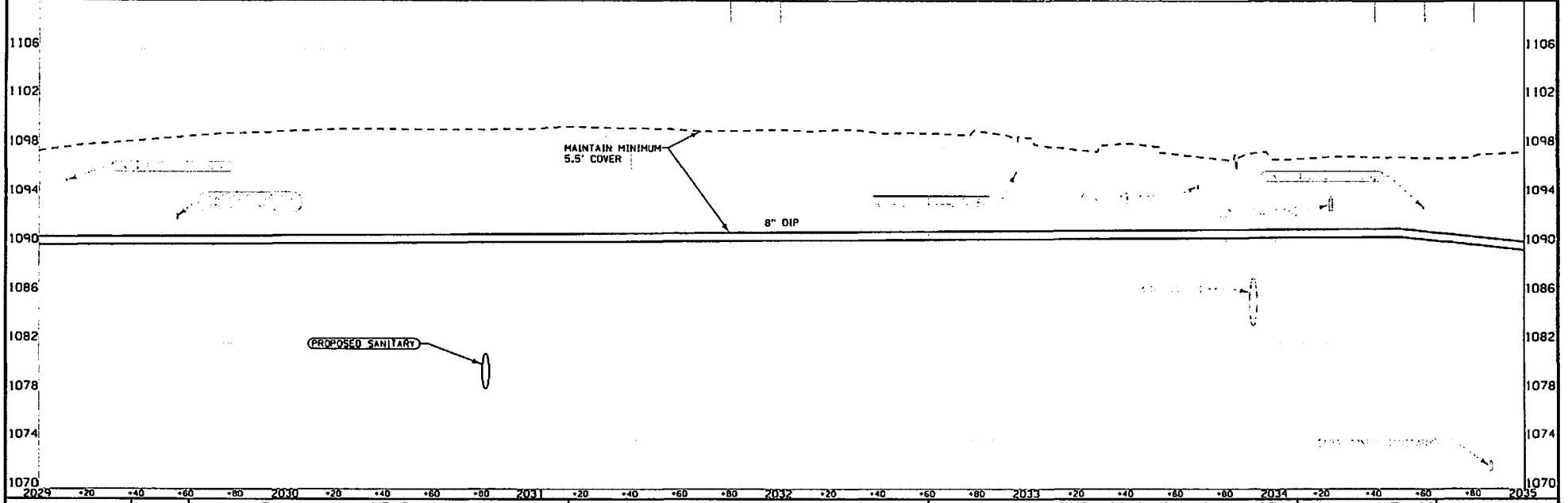
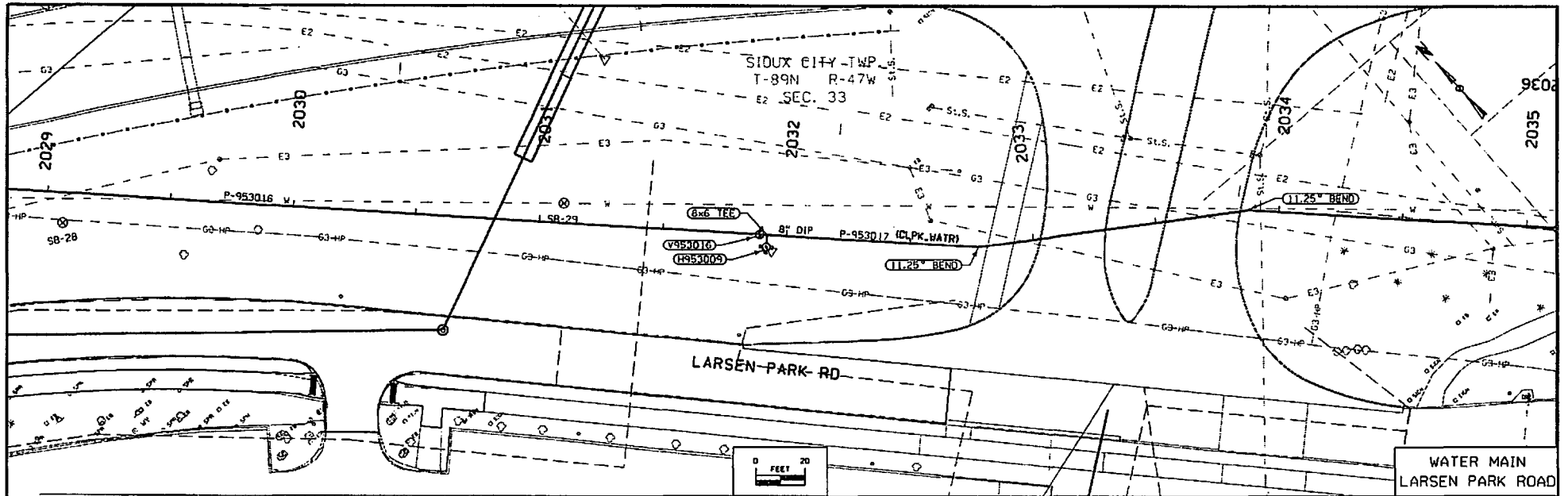


FILE NO.	ENGLISH	DESIGN TEAM	Tymkowitz \ HR Green	WOODBURY COUNTY	PROJECT NUMBER	IM-NHS-029-6(258)147--03-97	SHEET NUMBER	M.13
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Page 18 of 30

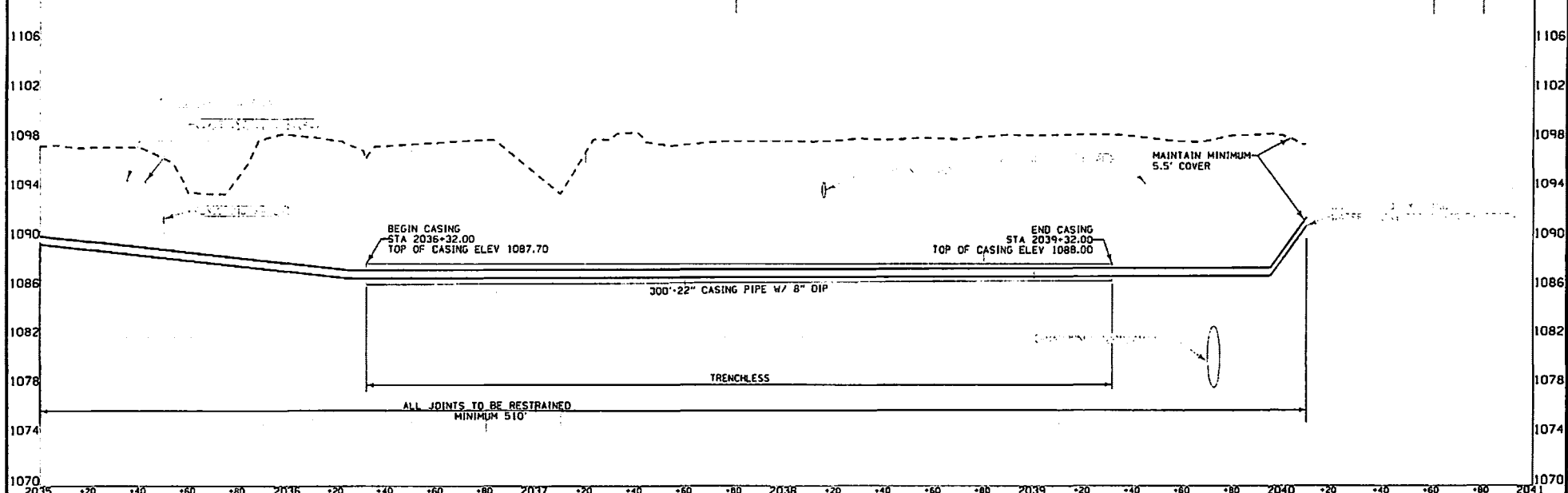
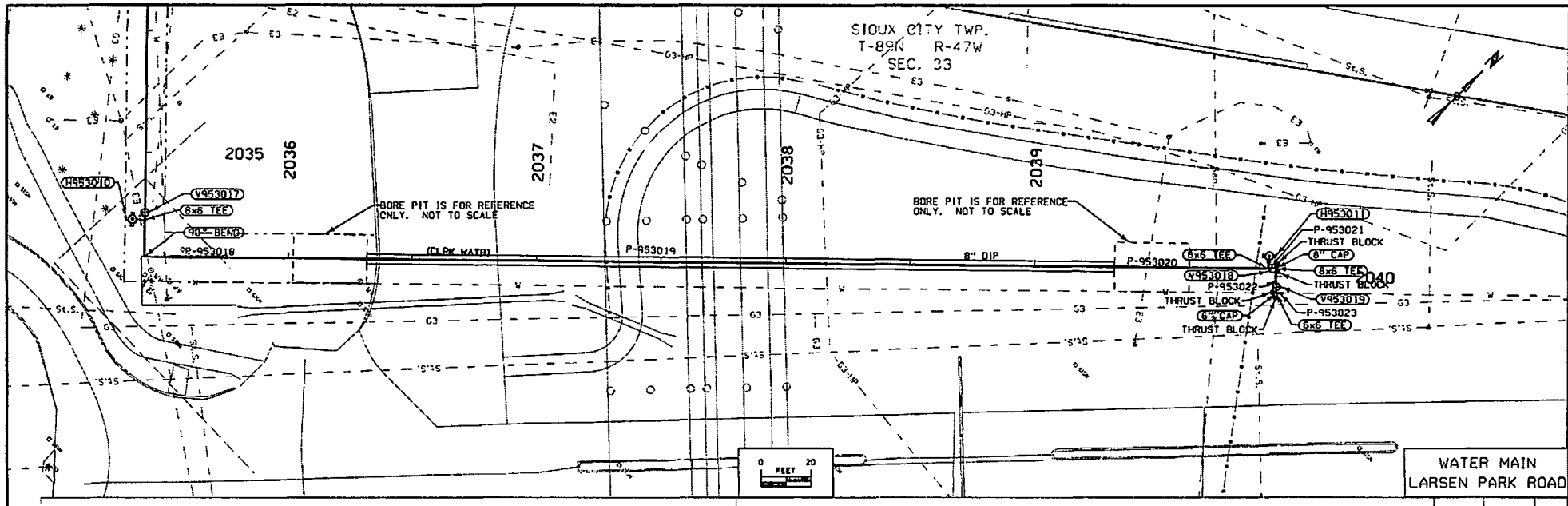


FILE NO.	ENGLISH	DESIGN TEAM	WOODBURY COUNTY	PROJECT NUMBER	SHEET NUMBER
		Tymkowitz \ HR Green		IM-NHS-029-6(258)147--03-97	M.14



ENGLISH	IONA DOT	DESIGN TEAM	Tymkowitz \ HR Green	WOODBURY COUNTY	PROJECT NUMBER	IM-NHS-029-6(258)147--03-97	SHEET NUMBER	UTL.16
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Page 70 of 70



2035	+20	+40	+60	+80	2036	+20	+40	+60	+80	2037	+20	+40	+60	+80	2038	+20	+40	+60	+80	2039	+20	+40	+60	+80	2040	+20	+40	+60	+80	2041
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A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: July 21, 2015
Date of Addendum: July 16, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
304	97-0296-258	SANITARY SEWER	WOODBURY	IM-NHS-029-6(258)147--03-97	21JUL304.A02

Make the following change to the PROPOSAL DETAILS, Page 2:

Replace PROPOSAL DETAILS, Page 2 with the attached.

REPLACE Plan:

PLAN sheet J.1:

Replace Plan Sheet J.1 with the attached Plan Sheet J.1 to account for changes to the amount of work scheduled to be completed in Stage 1 of construction.

TRAFFIC CONTROL PLAN

108-26A
08-01-08

Refer to Tab. 108-26A for traffic control specifics.

Contractor is not allowed access from I-29 or I-29 ramps.

Larsen Park Road:
- Road will be closed to thru traffic while it is under construction.

Parking Lots:
- As much as possible, access will be maintained via at least one driveway while the permanent roadway is being constructed.

STAGING NOTES

108-26A
08-01-08

(Sanitary Sewer) - shall be expedited in Stage 1 and complete prior to winter (see Proposal)

- Install elements within limits of Stage 1 shown on sheets UTL.4 -UTL.8, including service connections and connections to existing mains.
- Complete the Exploratory Excavations shown in the U sheets prior to completing the Sanitary Sewer bore.
- Complete all testing and work on proposed pipes in Stage 1 prior to connect to the existing sanitary sewer pipe.
- Once P-753031 is connected to the existing sanitary sewer, install plug in the manhole on the north side of I-29 as noted on sheet UTL.8. This will divert flow into the proposed Stage 1 sanitary sewer system. The plug in the existing manhole and installation is incidental to the project. No flow shall be allowed past this plug in the existing manhole north of I-29. This plug will need to be left in place until the Stage 2 sanitary sewer is installed and flow is diverted out of existing system.
- Install sand bags or other means to keep the sanitary sewer from P-753031 from flowing into P-753016.
- Complete Sanitary Sewer Removal and Abandonment as shown for Stage 1, per tabulations.

(Storm Sewer) - shall be expedited in Stage 1 and complete prior to winter (see Proposal)

- Install structures 853051, 853052, and 853053 as shown on sheet M.10.
- Install pipes P-853051, P-853052, and P-853052a as shown on sheets M.7 and M.10.
- Abandon structure AS-106 as shown on sheet U.11 and tabulated on sheet C.18.
- Abandon pipe AP-107 as shown on sheet U.11 and as tabulated on sheet C.15.
- Remove pipe RP-135 as shown on sheet U.14 and as tabulated on sheet C.15.

-Completion of the storm sewer work described above is necessary for future project work on I-29 scheduled to begin in 2016. Other Stage 1 work, not described above but shown in the Stage 1 plans, should be completed prior to winter if possible but is allowed to occur concurrently with Stage 2 work.

(Recreation Trail) - shall be expedited in Stage 1 and complete prior to winter (see Proposal)

- Construct recreation trail nearest the Missouri River above storm sewer pipe P-853052.

(Water Main)

- Coordinate shut down of existing 6" water main with the City of Sioux City one week in advance. During this shut down install new tees, fittings, valve, and thrust block on exiting 6" water main North of I-29 and East of Floyd Blvd. This will allow the existing water main to be left out of service. The shutdown to install the valve shall not exceed 4 hours.
- Coordinate closure of the existing valve with the City of Sioux City at Sta. 719+14.
- Connect proposed water main into the existing water main at approximately Sta. 731+50.
- Complete installation of water main as shown for Stage 1, per tabulations.

(Other)

- Begin lighting, roadway, and other construction within the limits of Stage 1.

STAGE 2

Traffic:

- Close Larsen Park Road and all parking lot entrances from Sta. 711+00 to Sta. 731+75.
- Maintain traffic per normal operating conditions on Larsen Park Road west of Sta. 711+00 and east of Sta. 731+75.
- Parking Lot A shall be closed only during construction of P-853048. Parking lots shall be re-opened after pipe installation and pavement replacement. Closure of recreation trail along the Missouri River associated with 'Pearl Outfall' construction shall not coincide with recreation trail closure along Larsen Park Road.
- Maintain access to Parking Lots D, E, F, G, H, I, J and K via driveway accesses from Larsen Park Road east of Sta. 731+75, except during times when remaining Stage 1 work prevents such access.
- Limit duration of recreation trail closure from Sta. 716+00 to Sta. 725+50 to maintain conng 2 elements and remaining Stage 1 elements not previously completed.

Construction:

(Water Main)

- Water shut downs shall be coordinated with the City of Sioux City one week in advance. Water shut downs shall be limited to 6 hours.
- Existing water main between Sta. 712+50 and 719+14 shall remain in service while the proposed water main is being installed and tested.

(Other)

- Construct other Stage 2 elements and remaining Stage 1 elements not previously completed.

STAGE 3

Traffic:

- Open Larsen Park Road, all parking lots, and all recreation trails for use.

Construction:

-None

PEDESTRIAN PATH CLOSURES

113-2
04-16-13

*Assumes 6 foot wide barricade.
Closures may need to be removed and re-established.

Refer to TC-601.

Location	Side	Type III Barricades*	Remarks
Stage 1			
Missouri River Recreational Trail - Sta. 710+76.92 to 713+39.54	RT	2	Pearl Outfall (240' RT offset)
Larsen Park Road Recreational Trail - Sta. 731+00 to 742+68	RT	2	Roadway/Utility construction
Stage 2			
Missouri River Recreational Trail - Sta. 710+76.92 to 713+39.54	RT	2	Pearl Outfall (240' RT offset)
Larsen Park Road Recreational Trail - Sta. 712+19.34 to 712+64.38	RT	2	Pearl Outfall (25.5' RT offset)
Pierce Street Underpass - Sta. 717+75	LT	2	Roadway/Utility construction
Larsen Park Road Recreational Trail - Sta. 716+00 to 725+54.87	RT	2	Roadway/Utility construction
Larsen Park Road Recreational Trail - Sta. 729+04.73 to 731+00	RT	2	Roadway/Utility construction

COORDINATED OPERATIONS

111-01
04-17-12

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

Project	Type of Work
IM-NHS-029-7(48)149--03-97	GRADE AND PAVE
IM-NHS-029-7(48)149--03-97	GRADE AND PAVE
IM-NHS-029-6(241)147--03-97	GRADE AND PAVE

STAGING NOTES

108-26A
08-01-08

Except as otherwise noted below, it is anticipated that some Stage 1 work will be completed concurrently with Stage 2 work. However, the Contractor shall be advised that the intent of this staging plan is to complete as much Stage 1 work as possible prior to winter.

STAGE 1

Traffic:

- Close Larsen Park Road and all parking lot entrances from Sta. 729+25 to Sta. 747+00.
- Maintain traffic per normal operating conditions along Larsen Park Road west of Sta. 729+25 and east of Sta. 747+00.
- Parking Lots H and J and adjacent recreation trails shall be closed during construction of P-853052 (part of 'Virginia Outfall' network). Closure of recreation trail along the Missouri River associated with 'Virginia Outfall' construction shall not coincide with recreation trail closure along Larsen Park Road. Recreation trail along the Missouri River shall be re-opened prior to winter.

Construction:

FILE NO.

ENGLISH

DESIGN TEAM Tymkowicz\HR Green

WOODBURY COUNTY PROJECT NUMBER

IM-NHS-029-6(258)147--03-97

SHEET NUMBER

J.1

**REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

The attached wage rate IA 15-1.1 is identical to the previous IA 15-1.0. Both are General Decision Number: IA150001, Modification Number: 0, Publication Date: 01/02/2015.

The new specification number IA 15-1.1 was created and assigned to proposals beginning with the July 21, 2015 letting. This was done in an effort to implement a new statewide wage rate. However, the United States Department of Labor will not authorize this new rate and publish it until sometime after Friday, July 10, 2015 (see www.wdol.gov). This will not allow sufficient lead time to issue the new rate to the contracting industry prior to the bid deadline. Therefore, the previous rate: General Decision Number: IA150001, Modification Number: 0, Publication Date: 01/02/2015 is being incorporated into applicable contracts under the new specification number IA 15-1.1 – attached.

PREDETERMINED WAGE RATE

IA15 - 1.1

General Decision Number: IA150001 01/02/2015 IA1

Superseded General Decision Number: IA20140001

State: Iowa

Construction Types: Heavy and Highway

Counties: Adair, Adams, Allamakee, Appanoose, Audubon, Benton, Black Hawk, Boone, Bremer, Buchanan, Buena Vista, Butler, Calhoun, Carroll, Cass, Cedar, Cerro Gordo, Cherokee, Chickasaw, Clarke, Clay, Clayton, Clinton, Crawford, Dallas, Davis, Decatur, Delaware, Des Moines, Dickinson, Dubuque, Emmet, Fayette, Floyd, Franklin, Fremont, Greene, Grundy, Guthrie, Hamilton, Hancock, Hardin, Harrison, Henry, Howard, Humboldt, Ida, Iowa, Jackson, Jasper, Jefferson, Johnson, Jones, Keokuk, Kossuth, Lee, Linn, Louisa, Lucas, Lyon, Madison, Mahaska, Marion, Marshall, Mills, Mitchell, Monona, Monroe, Montgomery, Muscatine, O'Brien, Osceola, Page, Palo Alto, Plymouth, Pocahontas, Polk, Pottawattamie, Poweshiek, Ringgold, Sac, Shelby, Sioux, Story, Tama, Taylor, Union, Van Buren, Wapello, Warren, Washington, Wayne, Webster, Winnebago, Winneshiek, Woodbury, Worth and Wright Counties in Iowa.

STATEWIDE EXCEPT SCOTT COUNTY HEAVY CONSTRUCTION PROJECTS

(Does not include work on or pertaining to the Mississippi or Missouri Rivers or on Water and Sewage Treatment Plants), AND HIGHWAY PROJECTS (does not include building structures in rest areas)

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/02/2015

* SUIA2002-003 02/28/2012

CARPENTERS AND PILEDRIVERMEN:	Rates	Fringes
ZONE 1	24.92	9.93
ZONE 2	22.83	9.93
ZONE 3	22.83	9.93
ZONE 4	22.15	8.25
ZONE 5**	21.25	6.85

PREDETERMINED WAGE RATE**IA15 - 1.1****CONCRETE FINISHER:**

ZONE 1	22.70	7.00
ZONE 2	22.70	7.00
ZONE 3	22.70	7.00
ZONE 4	20.50	5.45
ZONE 5	18.90	6.00

ELECTRICIANS: (STREET AND HIGHWAY LIGHTING AND TRAFFIC SIGNALS)

ZONE 1, ZONE 2, AND ZONE 3	21.30	5.70
ZONE 4	20.00	5.70
ZONE 5	17.75	5.70

IRONWORKERS: (SETTING OF STRUCTURAL STEEL)

ZONE 1	26.55	7.45
ZONE 2	25.31	7.45
ZONE 3	25.01	7.75
ZONE 4	22.00	6.60
ZONE 5**	21.25	6.10

LABORERS:

	Rates	Fringes
ZONE 1, ZONE 2, AND ZONE 3		
GROUP A	20.56	7.95
GROUP AA	22.21	7.95
GROUP B	18.68	7.95
GROUP C	15.45	7.95
ZONE 4		
GROUP A	18.05	7.65
GROUP B	16.73	7.65
GROUP C	13.85	7.65
ZONE 5		
GROUP A	18.50	6.00
GROUP B	15.75	6.00
GROUP C	15.15	6.00

POWER EQUIPMENT OPERATORS:

ZONE 1		
GROUP A	27.80	12.90
GROUP B	26.25	12.90
GROUP C	23.75	12.90
GROUP D	23.75	12.90
ZONE 2		
GROUP A	27.10	12.90
GROUP B	25.50	12.90
GROUP C	22.95	12.90
GROUP D	22.95	12.90

PREDETERMINED WAGE RATE

IA15 - 1.1

ZONE 3

GROUP A	26.70	16.80
GROUP B	24.90	16.80
GROUP C	23.90	16.80
GROUP D	23.90	16.80

ZONE 4

GROUP A	26.75	8.55
GROUP B	25.61	8.55
GROUP C	23.53	8.55
GROUP D	23.53	8.55

ZONE 5

GROUP A	23.07	6.80
GROUP B	22.03	6.80
GROUP C	20.70	6.80
GROUP D	19.70	6.80

TRUCK DRIVER (AND PAVEMENT MARKING DRIVER/SWITCHPERSON)

ZONE 1	20.00	10.05
ZONE 2	20.00	10.05
ZONE 3	20.00	10.05
ZONE 4	20.20	5.65
ZONE 5	18.25	5.65

ZONE DEFINITIONS

- ZONE 1 The Counties of Polk, Warren and Dallas for all Crafts, and Linn County Carpenters only.
- ZONE 2 The Counties of Dubuque for all Crafts and Linn County for all Crafts except Carpenters.
- ZONE 3 The Cities of Burlington, Clinton, Fort Madison, Keokuk, and Muscatine (and abutting municipalities of any such cities).
- ZONE 4 Story, Black Hawk, Cedar, Jasper, Jones, Jackson, Louisa, Madison, and Marion Counties; Clinton County (except the City of Clinton), Johnson County, Muscatine County (except the City of Muscatine), the City of Council Bluffs, Lee County and Des Moines County.
- ZONE 5 All areas of the state not listed above.

LABORER CLASSIFICATIONS - ALL ZONES

GROUP AA – Asbestos abatement worker (Zones 1, 2, and 3); Skilled pipelayer (sewer, water and conduits) and tunnel laborers (zones 1, 2 and 3).

GROUP A – Asbestos abatement worker (Zones 4 and 5); Carpenter tender on bridges and box culverts; curb machine (without a seat); deck hand; diamond & core drills; drill operator on air tracs, wagon drills and similar drills; form setter/stringman on paving work; gunnite nozzleman;

PREDETERMINED WAGE RATE

IA15 - 1.1

joint sealer kettleman; laser operator; pipelayer (sewer, water, and conduits) Zone 4 & 5; powderman tender; powderman/blaster; saw operator; tunnel laborer (zones 4 and 5).

GROUP B - Air, gas, electric tool operator; barco hammer; carpenter tender; caulker; chain sawman; compressor (under 400 cfm); concrete finisher tender; concrete processing materials and monitors; cutting torch on demolition; drill tender; dumpmen; electric drills; fence erectors; form line expansion joint assembler; form tamper; general laborer; grade checker; handling and placing metal mesh, dowel bars, reinforcing bars and chairs; hot asphalt laborer; installing temporary traffic control devices; jackhammerman; mechanical grouter; painter (all except strippers); paving breaker; planting trees, shrubs and flowers; power broom (not self-propelled); power buggyman; rakers; rodman (tying reinforcing steel); sandblaster; seeding and mulching; sewer utility topman/bottom man; spaders; stressor or stretcherman on pre or post tensioned concrete; stringman on re/surfacing/no grade control; swinging stage, tagline, or block and tackle; tampers; timberman; tool room men and checkers; tree climber; tree groundman; underpinning and shoring caissons over twelve feet deep; vibrators; walk behind trencher; walk behind paint strippers; walk behind vibrating compactor; water pumps (under three inch); work from bosun chair.

GROUP C - Scale weigh person; traffic control/flagger, surveillance or monitor; water carrier.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS - ALL ZONES

GROUP A - All terrain (off road) forklift, Asphalt breakdown roller (vibratory); Asphalt laydown machine; asphalt plant; Asphalt screed; bulldozer (finish); central mix plant; concrete pump; crane; crawler tractor pulling scraper; directional drill (60,000 (lbs) pullback and above); dragline and power shovel; dredge engineer; excavator (over ½ cu. yd.); front end loader (4 cy and over); horizontal boring machine; master mechanic; milling machine (over 350 hp); motor grader (finish); push cat; rubber tired backhoe (over ½ cu. yd.); scraper (12 cu. yd. and over or finish); Self-propelled rotary mixer/road reclaimer; sidebroom tractor; slipform portland concrete paver; tow or push boat; trenching machine (Cleveland 80 or similar).

GROUP B - Articulated off road hauler, asphalt heater/planer; asphalt material transfer vehicle; Asphalt roller; belt loader or similar loader; bulldozer (rough); churn or rotary drill; concrete curb machine; crawler tractor pulling ripper, disk or roller; deck hand/oiler; directional drill (less than 60,000 (lbs) pullback); distributor; excavator (1/2 cu. yd. and under); form riding concrete paver; front end loader (2 to less than 4 cu. yd.); group equipment greaser; mechanic; milling machine (350 hp. and less); paving breaker; portland concrete dry batch plant; rubber tired backhoe (1/2 cu. yd. and under); scraper (under 12 cu. yd.); screening, washing and crushing plant (mobile, portable or stationary); shoulder machine; skid loader (1 cu. yd. and over); subgrader or trimmer; trenching machine; water wagon on compaction.

GROUP C - Boom & winch truck; concrete spreader/belt placer; deep wells for dewatering; farm type tractor (over 75 hp.) pulling disc or roller; forklift; front end loader (under 2 cu. yd.); motor grader (rough); pile hammer power unit; pump (greater than three inch diameter); pumps on well points; safety boat; self-propelled roller (other than asphalt); self-propelled sand blaster or shot blaster, water blaster or striping grinder/remover; skid loader (under 1 cu. yd.); truck mounted post driver.

PREDETERMINED WAGE RATE

IA15 - 1.1

GROUP D - Boiler; compressor; cure and texture machine; dow box; farm type or utility tractor (under 75 hp.) pulling disk, roller or other attachments; group greaser tender; light plants; mechanic tender; mechanical broom; mechanical heaters; oiler; pumps (under three inch diameter); tree chipping machine; truck crane driver/oiler.

****CARPENTERS AND PILEDRIVERMEN, or IRONWORKERS (ZONE 5)**

Setting of structural steel; any welding incidental to bridge or culvert construction; setting concrete beams.

WELDERS: Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in

PREDETERMINED WAGE RATE

IA15 - 1.1

the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

PREDETERMINED WAGE RATE

IA15 - 1.1

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

- 3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

- 4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION