

2016 Annual Resurfacing Project

(Nebraska Street and 6th Street)

Engineering Department

City of Sioux City

Project #6869-719-121

May 2016

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE TO BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS SUCH AS THE CLOSE PROXIMITY OF GAS LINES, TELEPHONES, TELEPHONE POLES, CHAIN LINK FENCES, POWER POLES AND BRACED POLES ALONG THE ROUTE OF THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS, EXISTING CONDITIONS, AND MEASUREMENTS IN THE FIELD PRIOR TO SUBMITTAL.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN THE NUMBER AND LOCATION OF ALL UTILITIES AND SERVICES AFFECTED BY THIS PROJECT. THE CONTRACTOR IS TO NOTIFY THE FIELD SERVICES OFFICE AND OTHERS AS NECESSARY.
3. THE JURISDICTION RESERVES THE RIGHT TO MAKE ALTERATIONS IN THE PLANS OR IN THE QUANTITIES OF WORK AS MAY BE CONSIDERED NECESSARY. SUCH ALTERATIONS SHALL BE IN WRITING BY THE ENGINEER AND SHALL NOT BE CONSIDERED AS A WAIVER OF ANY CONDITIONS OF THE CONTRACT DOCUMENTS OR TO INVALIDATE ANY OF THE PROVISIONS THEREOF.
4. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF SIOUX CITY DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS.
5. THE DEVELOPER OR CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
6. CONTRACTOR SHALL NOTIFY THE INSPECTOR FOR ALL IN-FIELD CHANGES TO PLANS AND/OR QUANTITIES.
7. TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD MANUAL.
8. TAKE CAUTION TO AVOID DAMAGE OF ANY RETAINING WALLS DURING CONSTRUCTION OF THE PROJECT. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE THAT OCCURS.

*THE 2016 EDITION OF THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS) AND THE 2015 SIOUX CITY SUPPLEMENT TO SUDAS WILL APPLY TO THIS PROJECT.



LEGEND

- EX - EXISTING
- PROP - PROPOSED
- SM - SANITARY MANHOLE
- FH - FIRE HYDRANT
- WV - WATER VALVE
- CL - CENTERLINE
- TC - TOP OF CURB
- FL - FLOWLINE
- LP - LIGHT POLE
- D/W - DRIVEWAY
- R/W - RIGHT OF WAY
- P/L - PROPERTY LINE
- TYP - TYPICAL
- SAW - SAWCUT
- NR - New ADA Ramps
- MR - 3" MILLING AND RESURFACING
- PP - 6" PCC PAVING & CURB AND GUTTER
- HR - HMA RESURFACE ONLY

Sheet Index

#	DESCRIPTION
A.1	Title Sheet
B.1	Detail Sheet
C.1-C.3	Special Information
D.1,D.2	6th Street (Lewis Boulevard to Floyd River Bridge)
D.3-D.7	Nebraska Street (11th Street to 29th Street)

Line #	SUDAS Code	Line Item	Quantity	Unit
1	11020-108-A-3	Mobilization	1	LS
2	5020-108-E	Adjust Water Valve	14	EA
3	5020-108-G	New Water Valve Box	4	EA
4	6010-108-E-0	Adjust Manhole or Grated Inlet	12	EA
5	6010-108-F-0	New Manhole Ring and Cover	8	EA
6	6010-108-H-0	Remove Intake	1	EA
7	7010-108-E-0	6" PCC Curb and Gutter	2848	LF
8	7010-SP-17	18" - #5 Epoxy Coated Rebar	1424	EA
9	7020-108-A-0	HMA (1MESAL) 1/2", PG 58-28 (Intermediate, Surface)	6678	TON
10	7030-108-A-0	Remove sidewalk	3060	SF
11	7030-108-B-0	Curb Grind	100	LF
12	7030-108-E-0	6" PCC Sidewalk	340	SY
13	7030-108-G-0	Truncated Domes(2' x4')	40	EA
14	7030-SP-10	Full Depth Saw Cut	2948	LF
15	7030-SP-11	Saw cut, Sidewalk Pavement	555	LF
16	7040-108-G-0	Mill 3" Depth of Asphalt	38309	SY
17	7040-108-H-0	Remove Pavement	335	SY
18	9010-108-A-0	Seeding	1	LS
19	9040	Erosion Control	1	LS
20	Special Provision-28	Fill Dirt	100	CY
21	Special Provision-37	4" Paint markings (White, Yellow, and Double Yellow)	5406	LF
22	Special Provision-37	Yellow Curb Paint	100	LF
23	Special Provision-37	24" White Stop Bar	76	LF
24	Special Provision-37	White Pavement Symbols	6	EA
25	Special Provision-37	R-R Crossing with 3 Stop Bars	2	EA
26	Special Provision-37	Crosswalk Markings	3	EA
27	Special Provision-41	R & R Inlet top only	17	EA
28	Special Provision-42	R & R Inlet Walls	8	EA
29	Special Provision-44	Traffic Control	1	LS

HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

BY: *Glenn D. Ellis*
 GLENN D. ELLIS, P.E.
 MY REGISTRATION RENEWAL DATE IS DECEMBER 31, 2017
 PAGES OR SHEETS COVERED BY THIS SEAL:
 Sheets A.1, B.1, C.1, D.1-D.7

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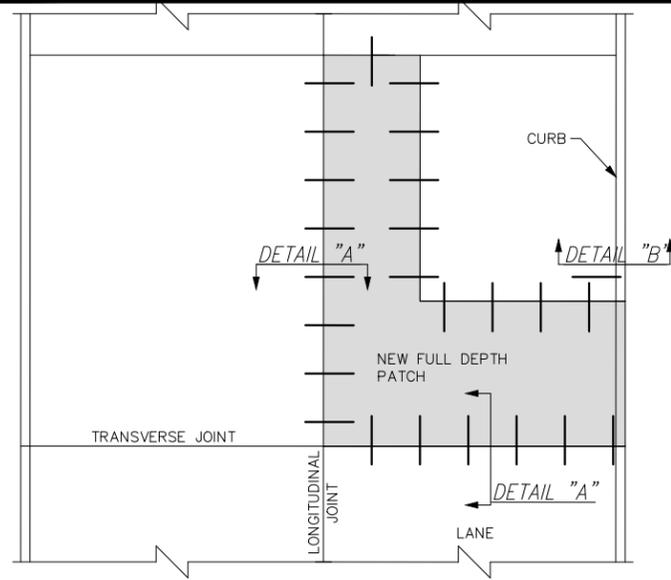
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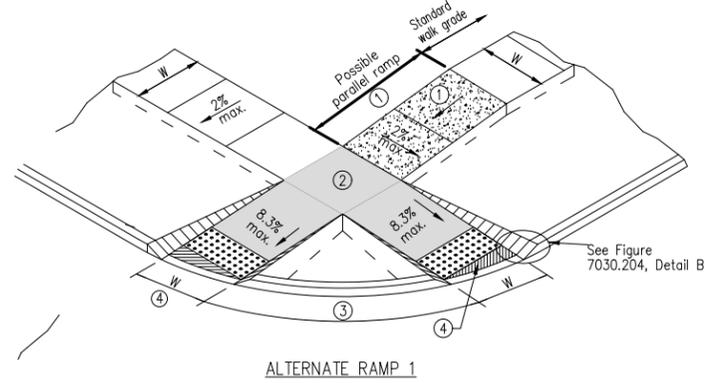
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ENGINEERING DEPARTMENT
 PHONE: (712) 279-6324

2016 Annual Resurfacing Project
 Title Sheet

CHECKED BY: GE	APPROVED BY: GE	SHEET A.1
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DATE: May 31, 2016	PROJ. #: 6869-719-121	



PAVEMENT PLAN
TYPICAL DOWEL BAR LAYOUT
N.T.S.

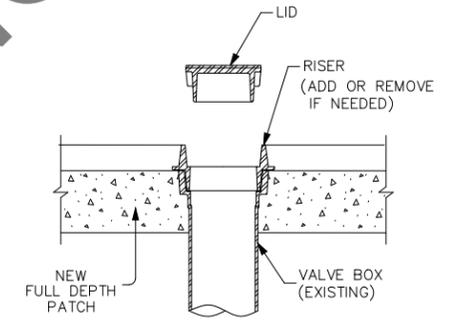


ALTERNATE RAMP 1

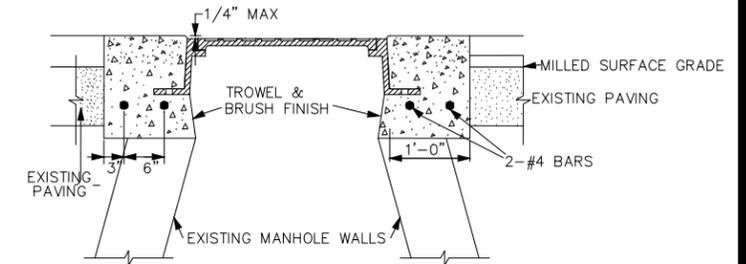
- Key
- W = Sidewalk width as specified in the contract documents.
 - [Pattern] = Ramp
 - [Pattern] = Landing
 - [Pattern] = Detectable warning

Refer to Figure 7030.204 for general ramp details.

- ① Parallel ramp: If normal sidewalk elevation cannot be achieved with the perpendicular ramp between the street and landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk.
The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.
- ② Landing: Maximum slope of 2% in any direction.
- ③ Island width: 5 foot minimum. If island is less than 5 feet, eliminate island and provide Alternate 2.
- ④ Unless curb ramp is aligned perpendicular to the street radius, provide an area of special shaping at the bottom of the ramp to provide a smooth transition to the gutterline. 2% maximum slope in any direction.



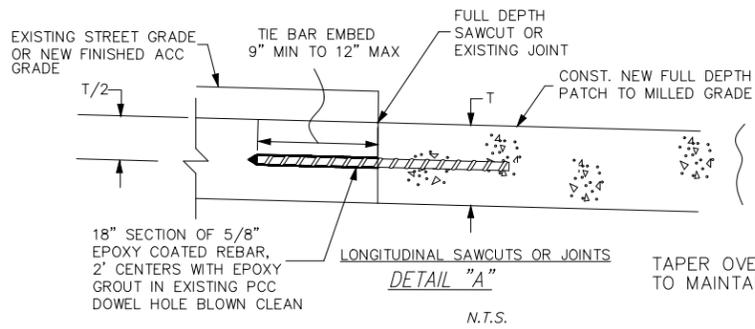
WATER VALVE ADJUSTMENT DETAIL
N.T.S.



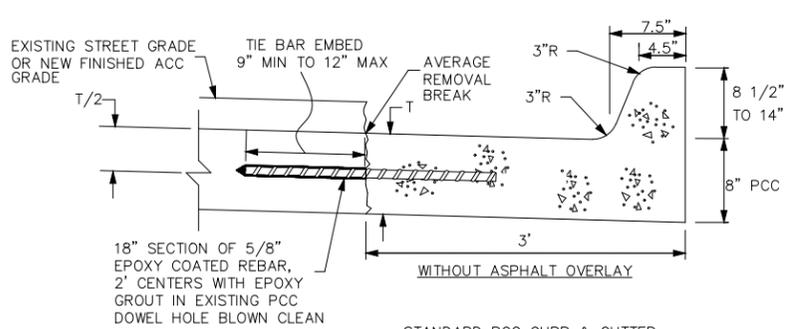
DETAIL "E"
MANHOLE ADJUSTMENT DETAIL
N.T.S.

NOTES FOR DETAIL:

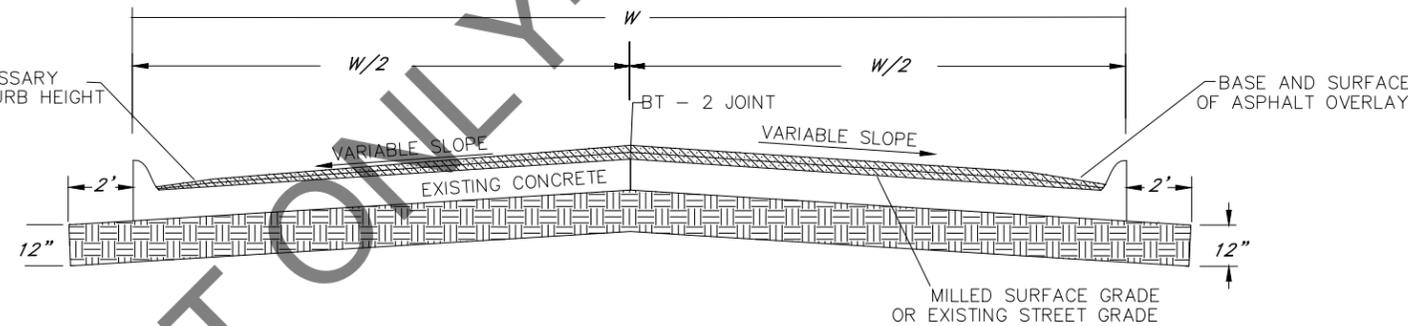
1. VIBRATE CONCRETE UNDER RING TO ASSURE COMPLETE BEARING.
2. MANHOLE RING AND COVER MUST MATCH NEW SURFACE ELEVATION (0.25" BELOW TO 0" ABOVE).
3. NO DEBRIS SHALL BE ALLOWED TO ENTER THE MANHOLE OR SEWER.



DETAIL "A"
N.T.S.

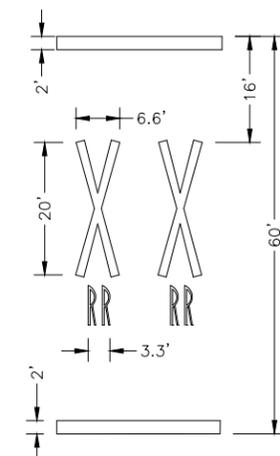


DETAIL "B"
STANDARD PCC CURB & GUTTER PROVIDE TRANSVERSE JOINTS THROUGH CURB AND GUTTER AT EVERY EXISTING JOINT
N.T.S.



TYPICAL CONCRETE STREET SECTION
WITH ASPHALT OVERLAY

Railroad Warning Road Symbols



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2016 Annual Resurfacing Project Detail Sheet		
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Estimate Reference Information

Item No.	Item	SUDAS Code	Description
1	Mobilization	11020-108-A-3	Includes: The unit price for mobilization shall include the following. a. The movement of personnel, equipment, and supplies to the project site. b. The establishment of offices, buildings, and other facilities necessary for the project. c. Bonding, permits, or other expenses incurred prior to construction.
2	Adjust Water Valve	5020-108-E	The Contractor shall furnish all risers needed for the adjustments. Should it be necessary to break out concrete and install a 6" paving patent cap to properly adjust the water valve, payment will be made under the bid item, "Adjust Manhole". Materials used to adjust water valves shall be: SCF #1171 and #1172- 6" Patent cap and lid, SCF #1173 -2" Riser and SCF #1175 -1" Riser or approved equals. Also, if the contractor is not going to follow the milling machine with the overlay, and the street is re-opened to local traffic, the contractor will be required to provide fillets around all valves, manholes, and vertical edges. The fillets shall be incidental to this item.
3	New Water Valve Box	5020-108-G	The unit price for each valve box replacement includes removal of existing valve box; excavation; furnishing and installing new valve box; backfill; compaction; and all other necessary appurtenances.
4	Adjust Manhole or Grated Inlet	6010-108-E-0	The "Adjust Manhole or Grated Inlet" bid item shall apply to manholes with top or bottom flanges, grated curb intakes, and alley drop catch basins. All manholes that belong to the City of Sioux City shall be raised as necessary prior to the installation of the asphalt. Refer to Figure SC 6010.406 of the 2015 Sioux City Supplement to SUDAS Specifications for details on this work. All Manholes shall be adjusted using this unless otherwise directed by the project engineer. Alley drop inlets shall be adjusted where warranted, under this bid item. Inlets that serve as drainage intakes shall be raised as close as possible to the new surface without causing drainage problems. Alley drop inlets that serve only as manhole covers shall meet the adjustment tolerances for manholes. After the Surface Course has been installed, the top surface of the manhole rings and covers raised under this Contract shall be within the following limits 1/4" below the adjacent asphalt surface to zero (0) inches above the adjacent asphalt surface. All manholes that do not fall within these limits shall be adjusted to fall within the specified tolerances. No extra payment will be allowed for re-adjustment. Also, if the contractor is not going to follow the milling machine with the overlay and the street is re-opened to local traffic, the contractor will be required to provide fillets around all manholes and at uneven sections of pavement. The fillets shall be incidental to this item
5	New Manhole Ring and Cover	6010-108-F-0	Each existing manhole or intake adjusted to grade by addition or removal of riser, cone or flat top sections, or the exchange of existing riser sections with sections having different vertical dimensions will be counted.
6	Remove Intake	6010-108-H-0	Unit price includes, but is not limited to, removal of casting, concrete, and reinforcement; capping; and placing compacted fill over structure to finished grade.

7	6" PCC Curb and Gutter	7010-108-E-0	The work to construct six (6) inch curb and gutter shall be paid at the contract unit price per square foot (SF) for 6" PCC Curb and Gutter which shall include all labor, equipment, and materials to do this work. Curb and Gutter sections should be removed and replaced in locations marked by the City's Authorized Representative. The curb and gutter section shall be six (inch) thickness and include the 6"- 8 1/2"(inch) integral curb as needed and finished grade of concrete gutter should meet or match the milled asphalt level. The new Asphalt overlay should be placed over the gutter section to the curb when placed unless noted on plans. Removal of the existing curb and gutter shall be paid for by SY in the "Remove Pavement" bid item. Once curb and gutter and/or inlets have been placed at an individual project location either asphalt work shall be completed or temporary patching material shall be placed within 1 calendar week to protect the new curb and gutter. Asphalt work will be paid for under the HMA (1M ESAL) 1/2", PG 58-28 (Intermediate, Surface) bid item. Temporary patching material will be placed at no cost to the city.
8	18"-#5 Epoxy Coated Rebar	7010-SP-17	All external longitudinal and transverse joints of the new concrete paving shall be doweled into the existing concrete. New #5 - 18" epoxy-coated bars shall be drilled a minimum of 9" into the center of existing concrete and installed at 24" on center in longitudinal joints and transverse joints with an approved epoxy grout. Tie bars and dowels in newly constructed keyed and doweled joints will be incidental to paving. Include in this item any replacement of smooth dowels and expansion tubes required after header removal. If the existing concrete thickness and condition does not allow for installation of deformed bars, a thickened edge (3 feet wide and 9 inches deep) shall be used and paid for as if bars had been installed.
9	HMA (1M ESAL) 1/2", PG 58-28 (Intermediate, Surface)	7020-108-A-0	Hot Mix Asphalt will be used as a 3 inch overlay, to be laid in two (2) 1-1/2 inch passes, within the boundaries marked in this plan set, or marked in the field.
10	Remove Sidewalk	7030-108-A-0	The work shall include the removal and disposal of existing sidewalk, concrete pads and asphalt overlay of sidewalks, regardless of type or thickness. The actual area for payment under this bid item will be marked (painted) and measured in the field by the City's authorized representative. Any saw cut performed for partial removal of sidewalk shall be considered incidental to this bid item, unless otherwise noted on the plans. Removal of existing truncated domes shall be incidental to this bid item.



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2016 Annual Resurfacing Project
Special Information

CHECKED BY: GE	APPROVED BY: GE	SHEET C.1
SCALE: No Scale	DRAWN BY: EMJ	
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Estimate Reference Information

Item No.	Item	SUDAS Code	Description
11	Curb Grind	7030-108-A-0	The work to grind curb shall be paid for at the contract unit price per lineal foot (LF) for GRIND CURB which shall include all of the labor and equipment needed to do this work.
12	6" PCC Sidewalk	7030-108-E-0	PCC sidewalk will be measured in square yards. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area.
13	Truncated Domes(2'x4')	7030-108-G-0	Detectable warning panels (truncated domes) shall be Cast-In-Place Composite Tactile manufactured by ADA Solutions, Inc., Armor-Tile or approved equal. Panels shall be 2'x4' and yellow in color. They are to be built at each public sidewalk intersection with a street, not including driveways or alley returns. Some intersections require more than one due to the sidewalk width and alignment. The truncated domes for this project are detailed in the construction plan set. The City's Authorized Representative must approve the alignment of the truncated domes to fit the sidewalk layout. Payment will be made per each 2'x4' panel installed.
14	Full Depth Saw Cut	7030-SP-10	All areas where new, full-depth pavement patches are to be replaced against old pavement, regardless of depth, will require full depth saw-cutting in order to obtain a straight, vertical edge between the new construction and the remaining concrete or asphalt (except in an area where an existing joint will serve the same purpose). The City's Authorized Representative will mark saw cut locations in the field using existing joints when possible; any additional saw cut will have to be approved before the work is performed. Where a second saw cut is necessary to provide a smooth straight edge, the second saw cut shall be incidental to the full depth saw cut.
15	Sawcut, Sidewalk Pavement	7030-SP-11	The City's Authorized Representative will mark saw cut locations in the field using existing joints when possible; any additional saw cut will have to be approved before the work is performed. Where a second saw cut is necessary to provide a smooth straight edge, the second saw cut shall be incidental to the sawcut bid item. A minimum 3" depth on sidewalks, drives, and ACC parking is required. This bid item is intended for sidewalks and irregular locations as direction by the City's Authorized Representative. All curb ends that are not removed to an existing sawed or construction joint shall be sawed to a clean vertical line before replacing the concrete. This work shall be considered incidental.
16	Mill 3" Depth of Asphalt	7040-108-G-0	The intent on this project is to mill 3" of asphalt material off the existing pavement where it currently exists. Where no asphalt material is present no milling will be required. In preparation for an overlay with two (2) 1-1/2" lifts of new asphalt pavement. The contractor is responsible for ensuring that the grinding equipment can handle the asphalt and concrete pavement materials on the current road. Locations specifically marked on the plans to have patches removed under (or mixed in with) existing asphalt locations will be paid for separately with the 6" Street/Driveway Paving item. All costs associated with getting the specified depth milled off must be included in the price for this bid item.

17	Remove Pavement	7040-108-H-0	This bid item shall be payment for removal and disposal of existing PCC pavement (up to 12" thick) and any asphalt overlay. This includes curb, regardless of type or thickness. Quantities were estimated according to the construction plan set. The actual area for payment under this bid item will be marked (painted) and measured in the field by the City's authorized representative. If a curb and gutter joint does not exist, the removal width for curb and gutter work in most cases is three (3) feet. This can vary according to conditions. All removal will be marked by the City Inspector prior to the Contractor beginning work on the individual projects. The area marked will be measured to obtain the removal and replacement quantities. The cost of removal and replacement of concrete broken beyond the area marked will be at the Contractor's expense. If the existing paving is jointed or cracked within 2 feet of the allowable removal line, the paving shall be removed and replaced to the joint or crack, and this work will be paid for under contract bid items. The Contractor will not be paid for removal and replacement of paving broken by the Contractor's operation.
18	Seeding	9010-108-A-0	All disturbed areas shall be seeded, fertilized and mulched per SUDAS and the Sioux City Supplemental Specifications within 14 days of the completion of asphalt and/or concrete work at any individual project location. All rocks will be removed from any areas that are to be seeded prior to seeding. Contractor to distribute a "Care of Seeded Lawns" informational letter and door hanger to all property owners and tenants when seeding is complete so that they may begin maintenance. Hydro-seeding will be required on all disturbed areas on the project.
19	Erosion Control	9040-SP-38	Erosion control will consist of placement of inlet socks around inlets and minimizing tracked dirt onto city streets. Included is sweeping and cleaning the pavement as needed during construction. This includes all downstream inlets from the work being performed. The Erosion Control bid item shall include inlet protection for all existing inlets until removed.
20	Fill Dirt	Special Provision-28	In areas of the project where new curb and gutter are being placed against the existing pavement, fill dirt will be required to raise the new paving grade to match the milled height of the surrounding pavement. This item is intended for areas with thick asphalt overlays where more than 6" of concrete would be required to meet this grade. This item may be used in patch locations as well as under curb and gutter sections. The top 4 inches of fill dirt in areas that will be seeded shall be well graded and shaped black dirt suitable for the growth of vegetative cover.



REVISIONS				
DESCRIPTION	BY	DATE	APPROVED	



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2016 Annual Resurfacing Project Special Information		
CHECKED BY: GE	APPROVED BY: GE	SHEET C.2
SCALE: No Scale	DRAWN BY: EMJ	
DATE: May 31, 2016	PROJ. #: 6869-719-121	

Estimate Reference Information

Item No.	Item	SUDAS Code	Description
21	4" Paint Markings(White, Yellow, and Double Yellow)	Special Provision-37	The work to paint four (4) inch white or yellow lines for lane markings shall be paid for at the contract unit price per lineal foot (LF) for 4" Paint Markings (Yellow or White) which shall include all labor, equipment, and materials to do this work. Double yellow markings shall have each line measured seperately
22	Yellow Curb Pain	Special Provision-37	The work for yellow curb paint shall be paid at the contract unit price per lineal foot (LF) for anywhere from 12"-16" yellow line which shall include all labor, equipment, and materials to do this work.
23	24" White Stop Bar	Special Provision-37	The work to paint 24" white stop bar shall be paid at the contract unit price per lineal foot (LF) for 24" white line which shall include all labor, equipment, and materials to do this work.
24	White Pavement Symbols	Special Provision-37	The work to paint pavement markings, including left and right turning lane arrows will be paid at the unit price per each (EA) which shall include all labor, equipment and materials to do this work.
25	R-R Crossing with 3 Stop Bars	Special Provision-37	The work to paint MUTCD Standard Railroad Crossing Markings with three (3) 24" stop bars, shown on sheet B.1, shall be paid at the contract unit price per Each (EA) location which shall include all labor, equipment, and materials to do this work.
26	Crosswalk Markings	Special Provision-37	The work to paint white cross walk lines and bars shall be paid at the contract unit price per Each (EA) for 6" white line and continental style crosswalks which shall include all labor, equipment, and materials to do this work.
27	R & R Inlet Top Only	Special Provision-41	This bid item is to remove and replace the entire inlet top, whether single or double winged. Not all Inlets that need repairs are called out on the plans. They will be inspected and determined whether or not they need to be replaced. A change order will be done if the replacement amount is higher than the estimated quantity.
28	R & R Inlet Walls	Special Provision-42	This bid item is to remove and replace the inlet walls on top of the existing inlet base. If the inlet base is not in working condition, replacement will be required and be incidental to this bid item. If replacement is required the last stick of pipe into the inlet will be replaced incidental to this bid item. This item includes all materials and labor required to properly reconstruct the inlet walls. This item is in addition to the R&R INLET TOP ONLY bid item and will not be used or paid unless inlet inspections determine replacement is necessary. A change order will be done if the replacement amount is higher than the estimated quantity.
29	Traffic Control	Special Provision-44	Includes all costs associated with furnishing, placing, maintaining and removing all traffic control devices including the cost of flaggers.

REVIEW ONLY - NOT FOR BIDDING

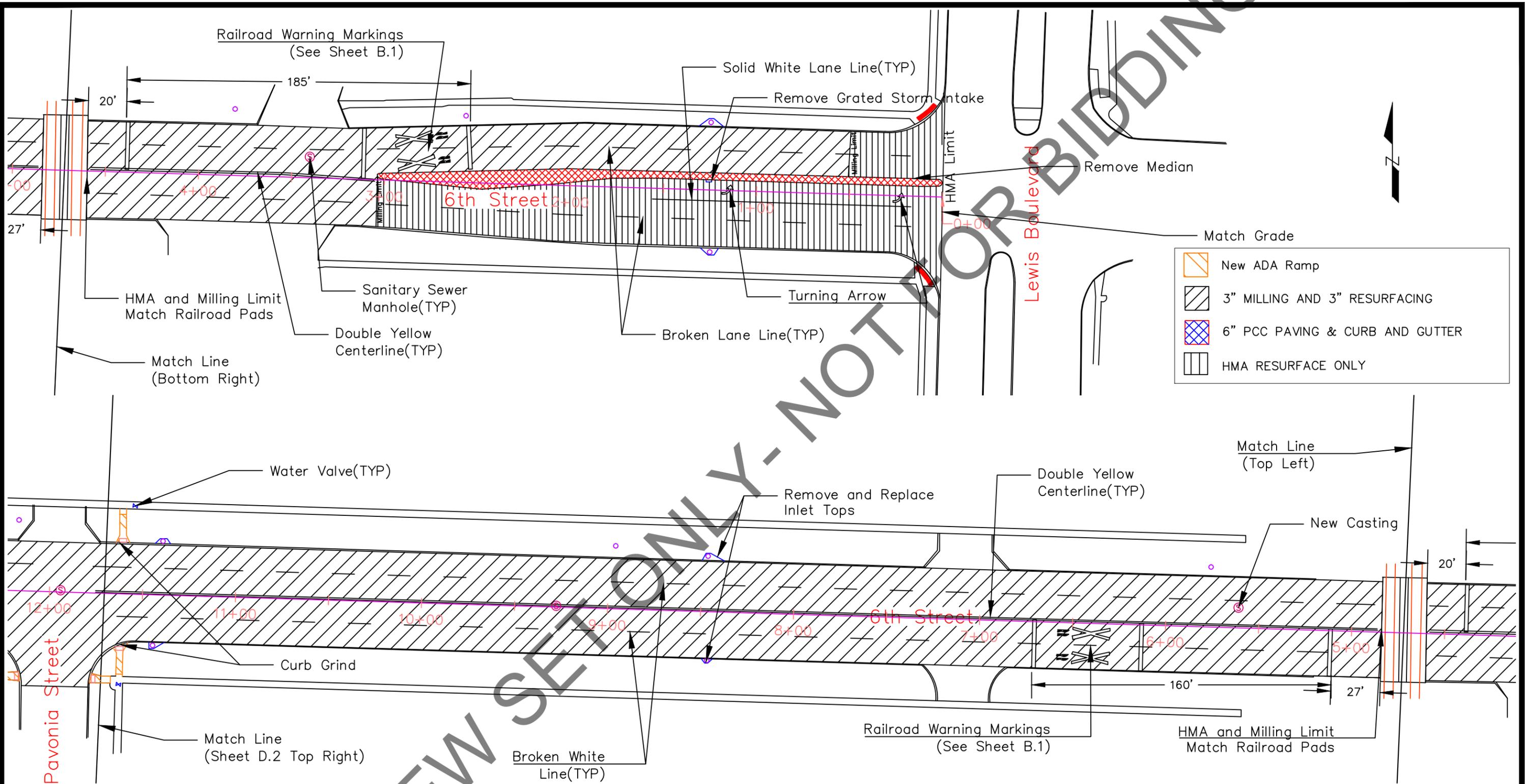


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Match Grade

- New ADA Ramp
- 3" MILLING AND 3" RESURFACING
- 6" PCC PAVING & CURB AND GUTTER
- HMA RESURFACE ONLY

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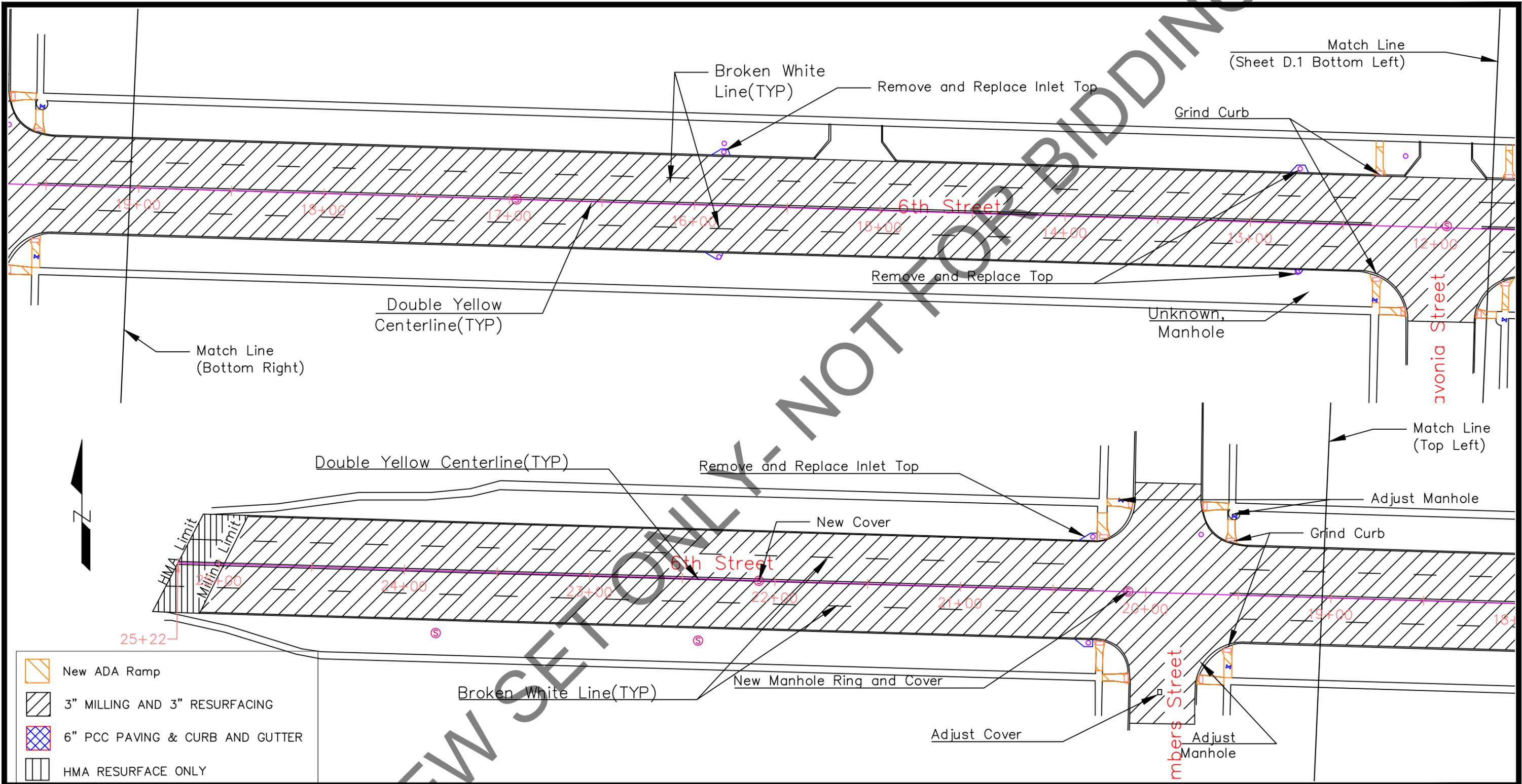
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2016 Annual Resurfacing Project
 6th Street (Lewis Boulevard to Pavonia Street)

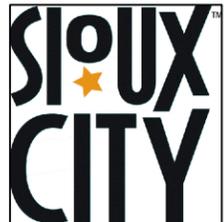
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-  New ADA Ramp
-  3" MILLING AND 3" RESURFACING
-  6" PCC PAVING & CURB AND GUTTER
-  HMA RESURFACE ONLY

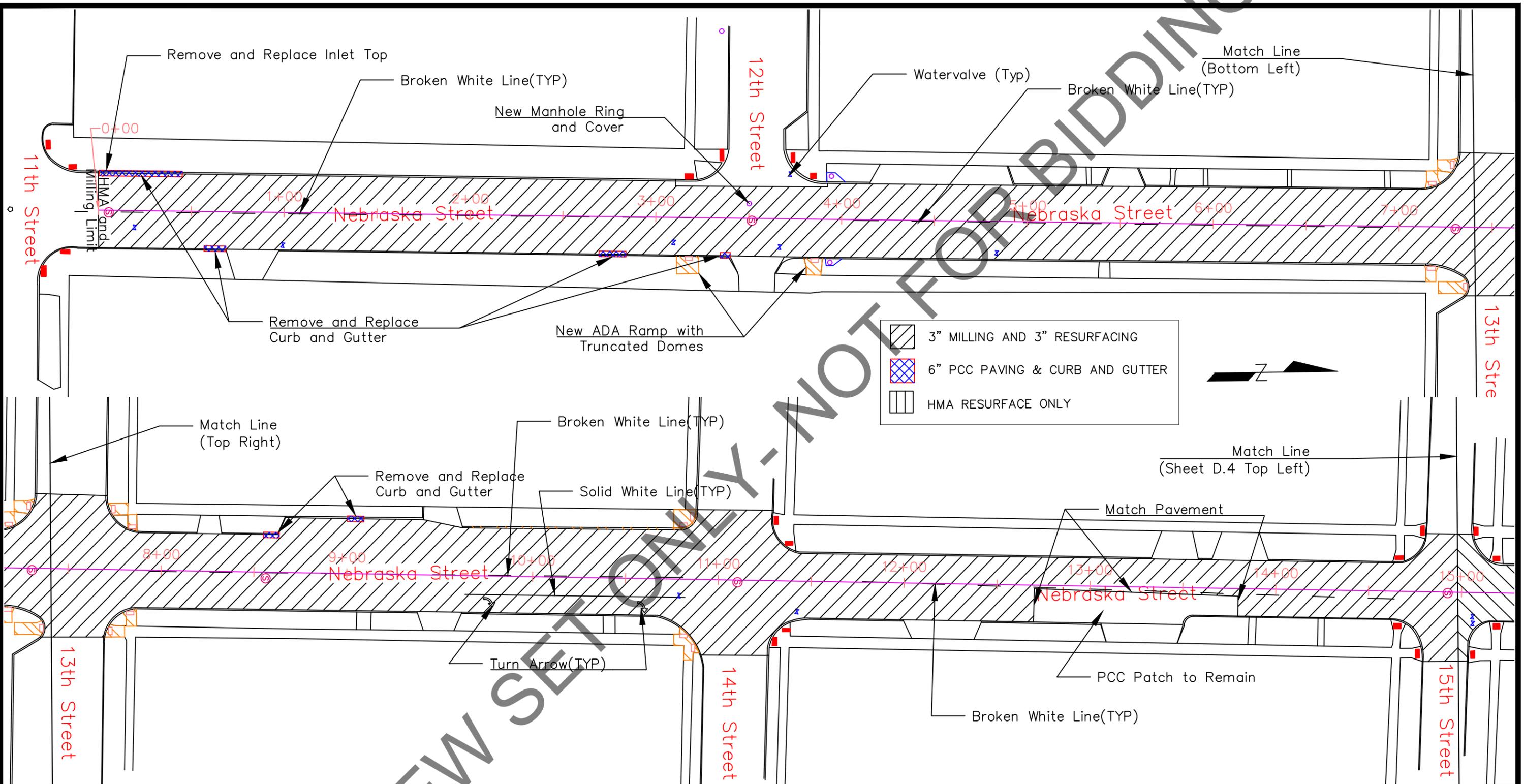
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2016 Annual Resurfacing Project 6th Street (Pavonia Street to Floyd River Bridge)		
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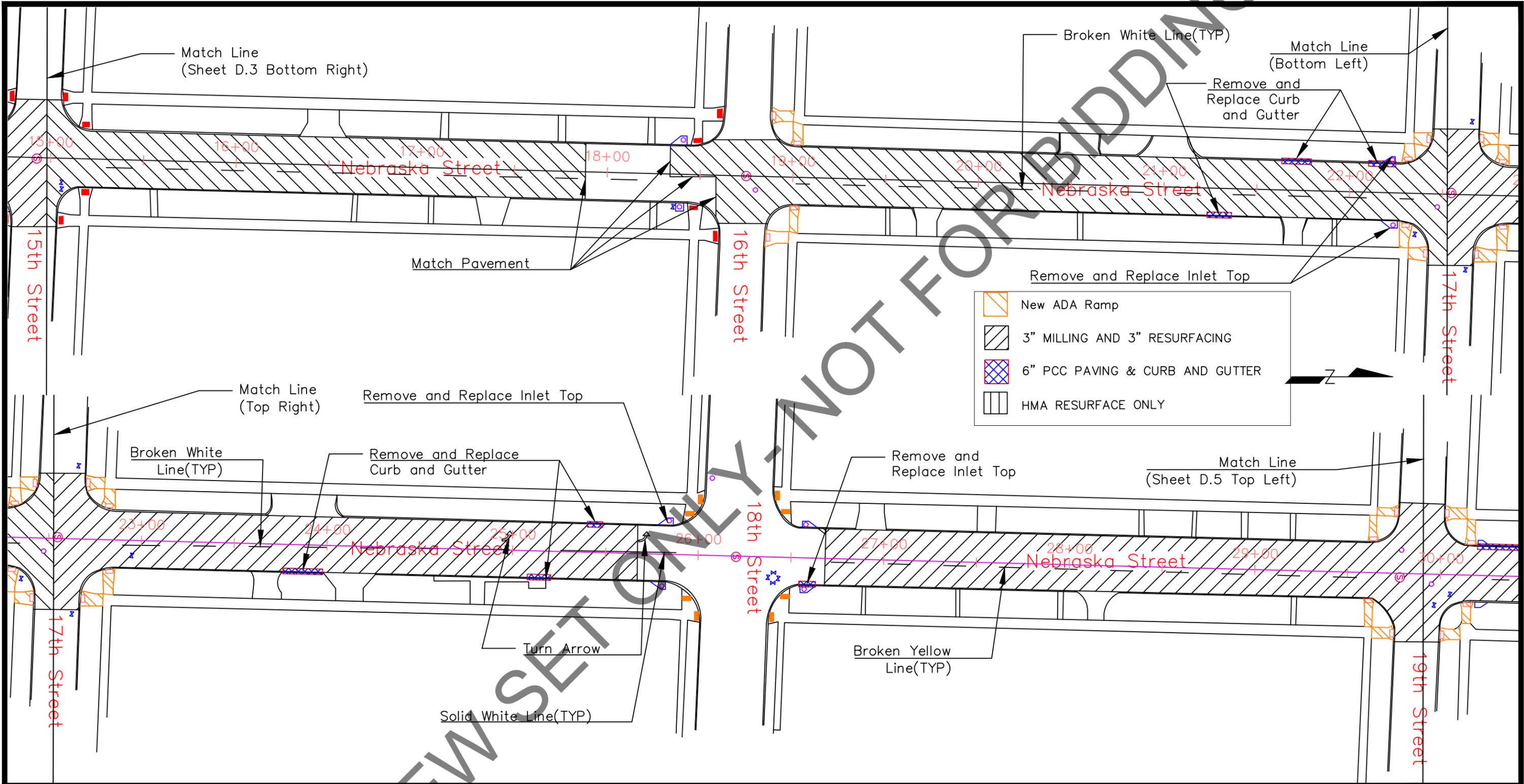


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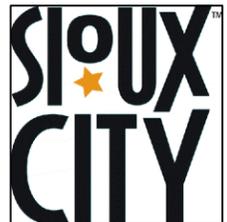
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2016 Annual Resurfacing Project Nebraska Street (11th Street to 15th Street)		
CHECKED BY: GE	APPROVED BY: GE	SHEET D.3
SCALE: 1"=50'	DRAWN BY: EMJ	
DATE: May 31, 2016	PROJ. #: 6869-719-121	



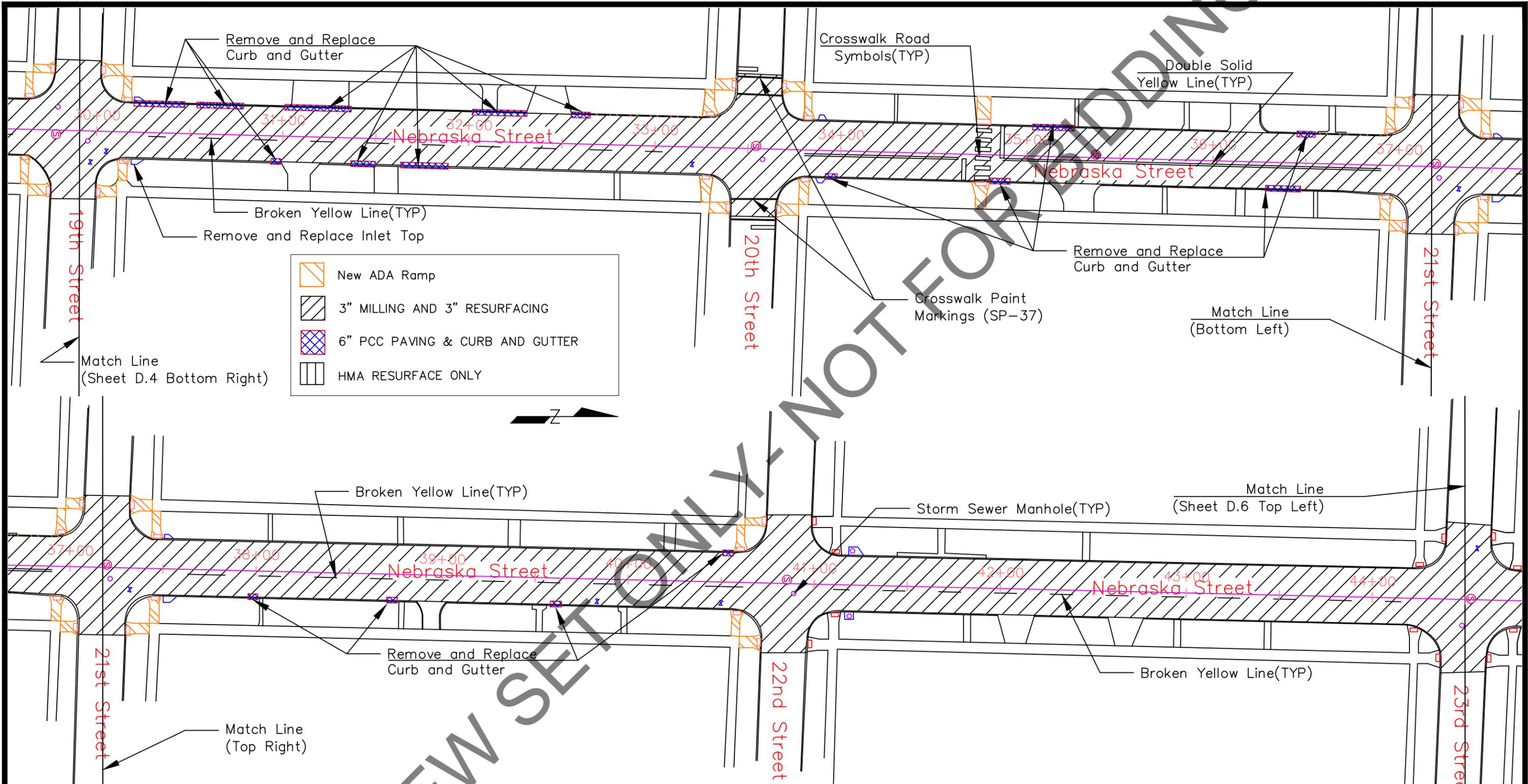
IOWA ONE CALL
 1-800-292-8989
 www.iowaonecall.com

REVISIONS			
DESCRIPTION	BY	DATE	APPROVED

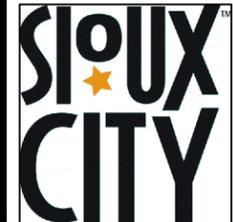


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2016 Annual Resurfacing Project Nebraska Street (15th Street to 19th Street)		
CHECKED BY: GE	APPROVED BY: GE	SHEET D.4
SCALE: 1"=50'	DRAWN BY: EMJ	
DATE: May 31, 2016	PROJ. #: 6869-719-121	

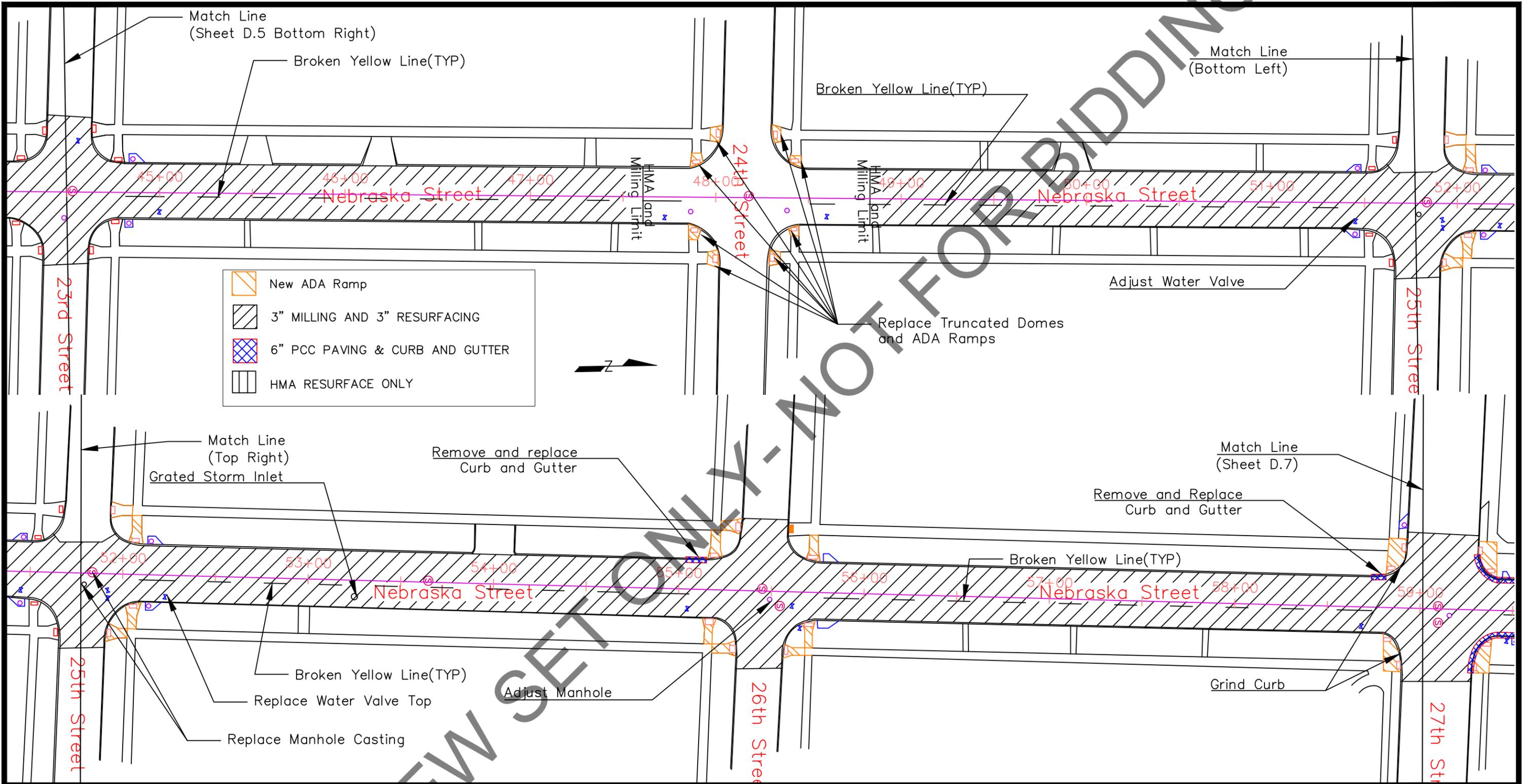


DESCRIPTION	REVISIONS	BY	DATE	APPROVED



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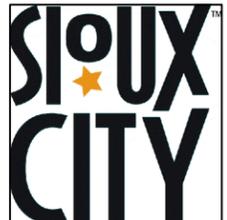
2016 Annual Resurfacing Project Nebraska Street (19th Street to 23rd Street)		SHEET D.5
CHECKED BY: GE	APPROVED BY: GE	
SCALE: 1"=50'	DRAWN BY: EMJ	
DATE: May 31, 2016	PROJ. #: 6869-719-121	



-  New ADA Ramp
-  3" MILLING AND 3" RESURFACING
-  6" PCC PAVING & CURB AND GUTTER
-  HMA RESURFACE ONLY

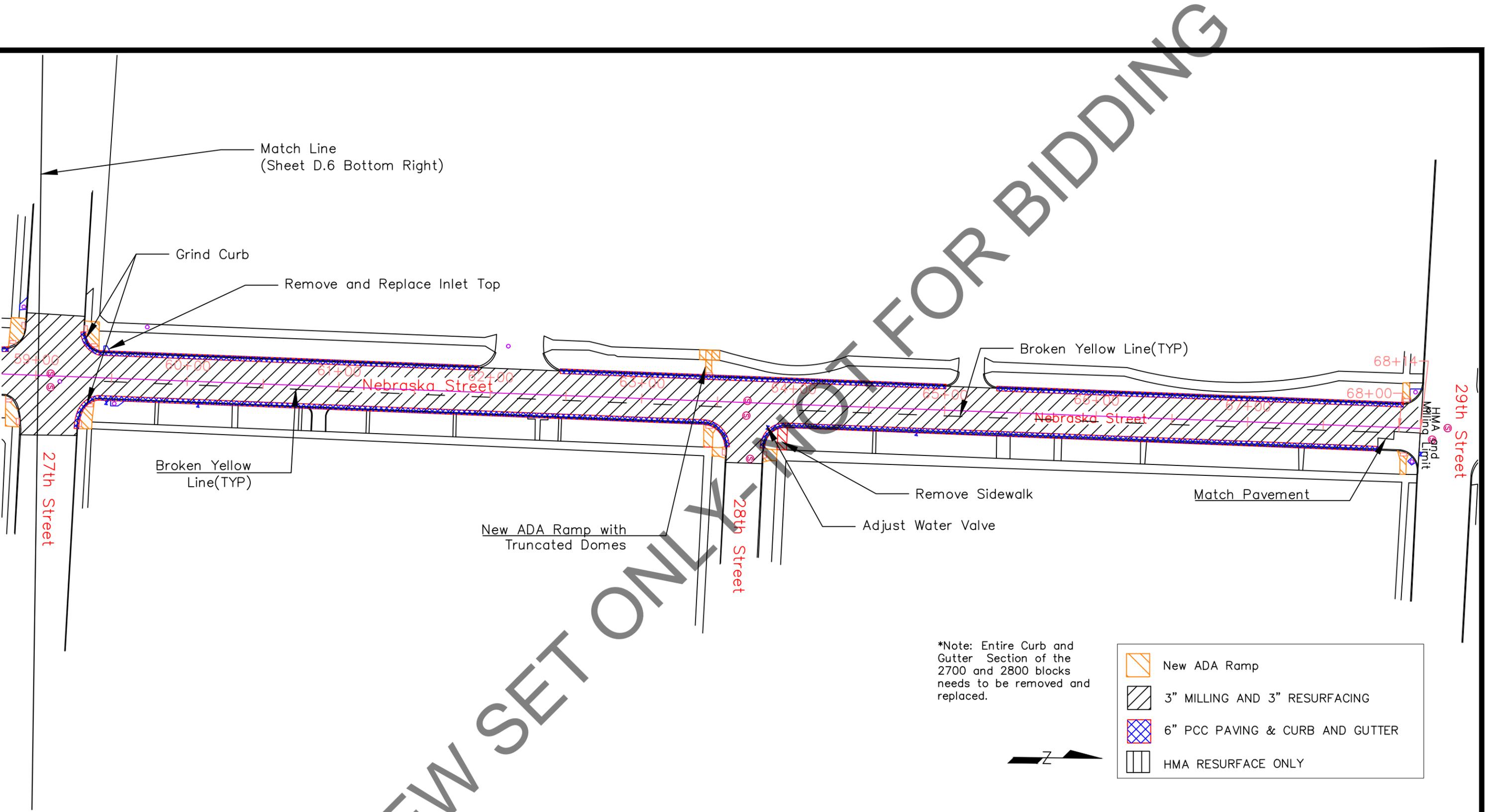
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DESCRIPTION	REVISIONS	BY	DATE	APPROVED



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2016 Annual Resurfacing Project Nebraska Street (23rd Street to 27th Street)		SHEET D.6
CHECKED BY: GE	APPROVED BY: GE	
SCALE: 1"=50'	DRAWN BY: EMJ	
DATE: May 31, 2016	PROJ. #: 6869-719-121	



*Note: Entire Curb and Gutter Section of the 2700 and 2800 blocks needs to be removed and replaced.

	New ADA Ramp
	3" MILLING AND 3" RESURFACING
	6" PCC PAVING & CURB AND GUTTER
	HMA RESURFACE ONLY

IOWA ONE CALL
 1-800-292-8989
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DESCRIPTION	REVISIONS		
	BY	DATE	APPROVED



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2016 Annual Resurfacing Project
 Nebraska Street (27th Street to 29th Street)

CHECKED BY: GE	APPROVED BY: GE	SHEET D.7
SCALE: 1"=60'	DRAWN BY: EMJ	
DATE: May 31, 2016	PROJ. #: 6869-719-121	