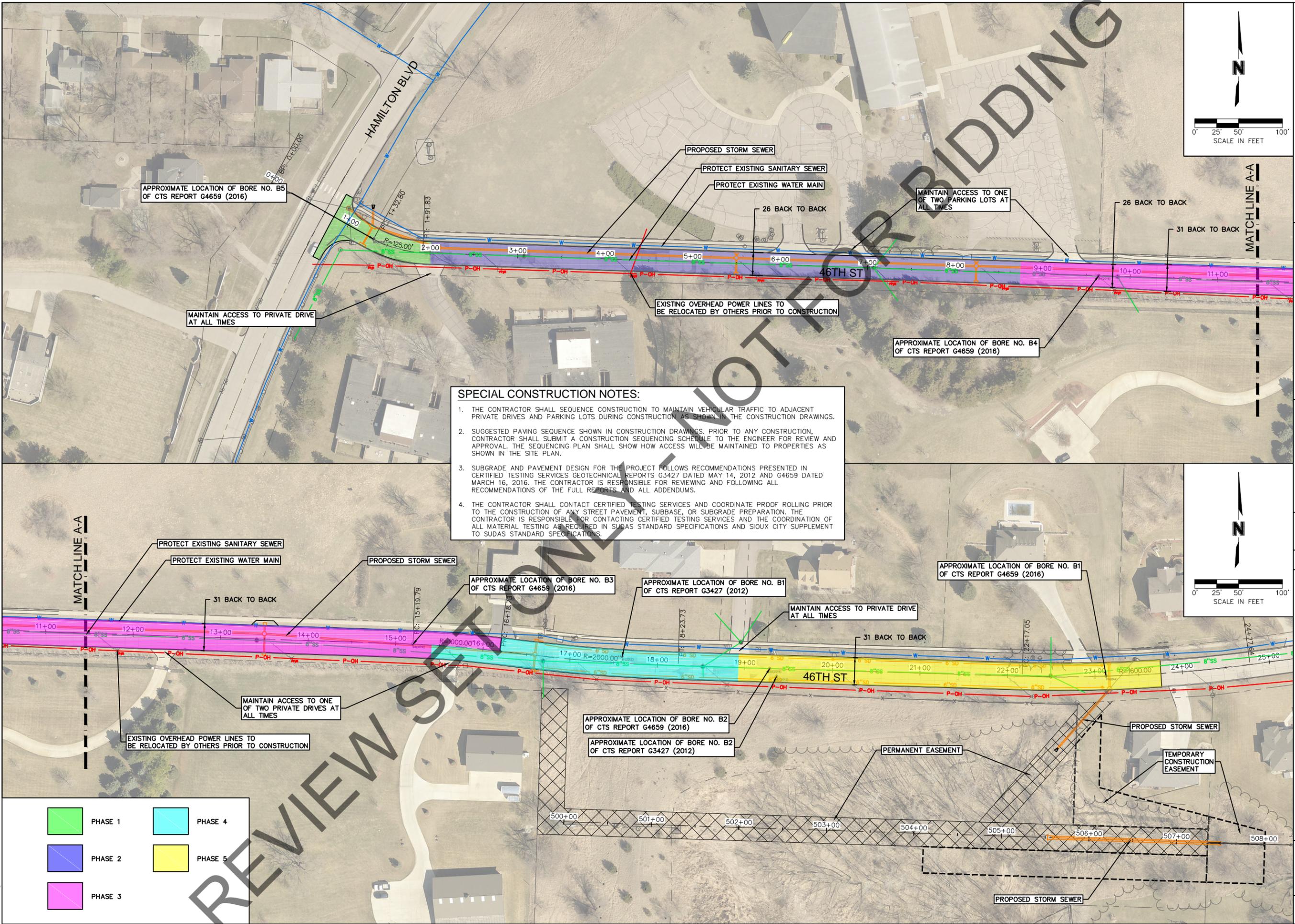


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 USER: jerson
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APPROXIMATE LOCATION OF BORE NO. B5 OF CTS REPORT G4659 (2016)

MAINTAIN ACCESS TO PRIVATE DRIVE AT ALL TIMES

PROPOSED STORM SEWER
 PROTECT EXISTING SANITARY SEWER
 PROTECT EXISTING WATER MAIN

MAINTAIN ACCESS TO ONE OF TWO PARKING LOTS AT ALL TIMES

EXISTING OVERHEAD POWER LINES TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION

APPROXIMATE LOCATION OF BORE NO. B4 OF CTS REPORT G4659 (2016)

SPECIAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION TO MAINTAIN VEHICULAR TRAFFIC TO ADJACENT PRIVATE DRIVES AND PARKING LOTS DURING CONSTRUCTION AS SHOWN IN THE CONSTRUCTION DRAWINGS.
2. SUGGESTED PAVING SEQUENCE SHOWN IN CONSTRUCTION DRAWINGS. PRIOR TO ANY CONSTRUCTION, CONTRACTOR SHALL SUBMIT A CONSTRUCTION SEQUENCING SCHEDULE TO THE ENGINEER FOR REVIEW AND APPROVAL. THE SEQUENCING PLAN SHALL SHOW HOW ACCESS WILL BE MAINTAINED TO PROPERTIES AS SHOWN IN THE SITE PLAN.
3. SUBGRADE AND PAVEMENT DESIGN FOR THE PROJECT FOLLOWS RECOMMENDATIONS PRESENTED IN CERTIFIED TESTING SERVICES GEOTECHNICAL REPORTS G3427 DATED MAY 14, 2012 AND G4659 DATED MARCH 16, 2016. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND FOLLOWING ALL RECOMMENDATIONS OF THE FULL REPORTS AND ALL ADDENDUMS.
4. THE CONTRACTOR SHALL CONTACT CERTIFIED TESTING SERVICES AND COORDINATE PROOF ROLLING PRIOR TO THE CONSTRUCTION OF ANY STREET PAVEMENT, SUBBASE, OR SUBGRADE PREPARATION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING CERTIFIED TESTING SERVICES AND THE COORDINATION OF ALL MATERIAL TESTING AS REQUIRED IN SUDAS STANDARD SPECIFICATIONS AND SIOUX CITY SUPPLEMENT TO SUDAS STANDARD SPECIFICATIONS.

MATCHLINE A-A

PROTECT EXISTING SANITARY SEWER
 PROTECT EXISTING WATER MAIN
 PROPOSED STORM SEWER

APPROXIMATE LOCATION OF BORE NO. B3 OF CTS REPORT G4659 (2016)

APPROXIMATE LOCATION OF BORE NO. B1 OF CTS REPORT G3427 (2012)

APPROXIMATE LOCATION OF BORE NO. B1 OF CTS REPORT G4659 (2016)

MAINTAIN ACCESS TO PRIVATE DRIVE AT ALL TIMES

MAINTAIN ACCESS TO ONE OF TWO PRIVATE DRIVES AT ALL TIMES

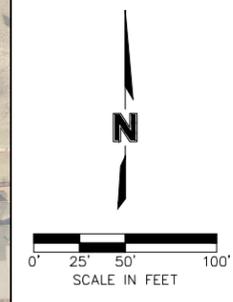
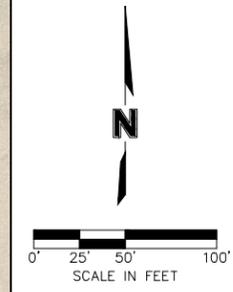
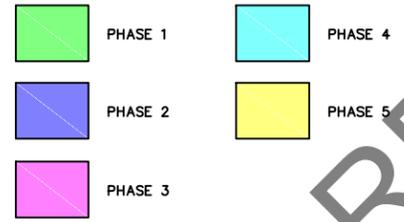
EXISTING OVERHEAD POWER LINES TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION

APPROXIMATE LOCATION OF BORE NO. B2 OF CTS REPORT G4659 (2016)

APPROXIMATE LOCATION OF BORE NO. B2 OF CTS REPORT G3427 (2012)

PERMANENT EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

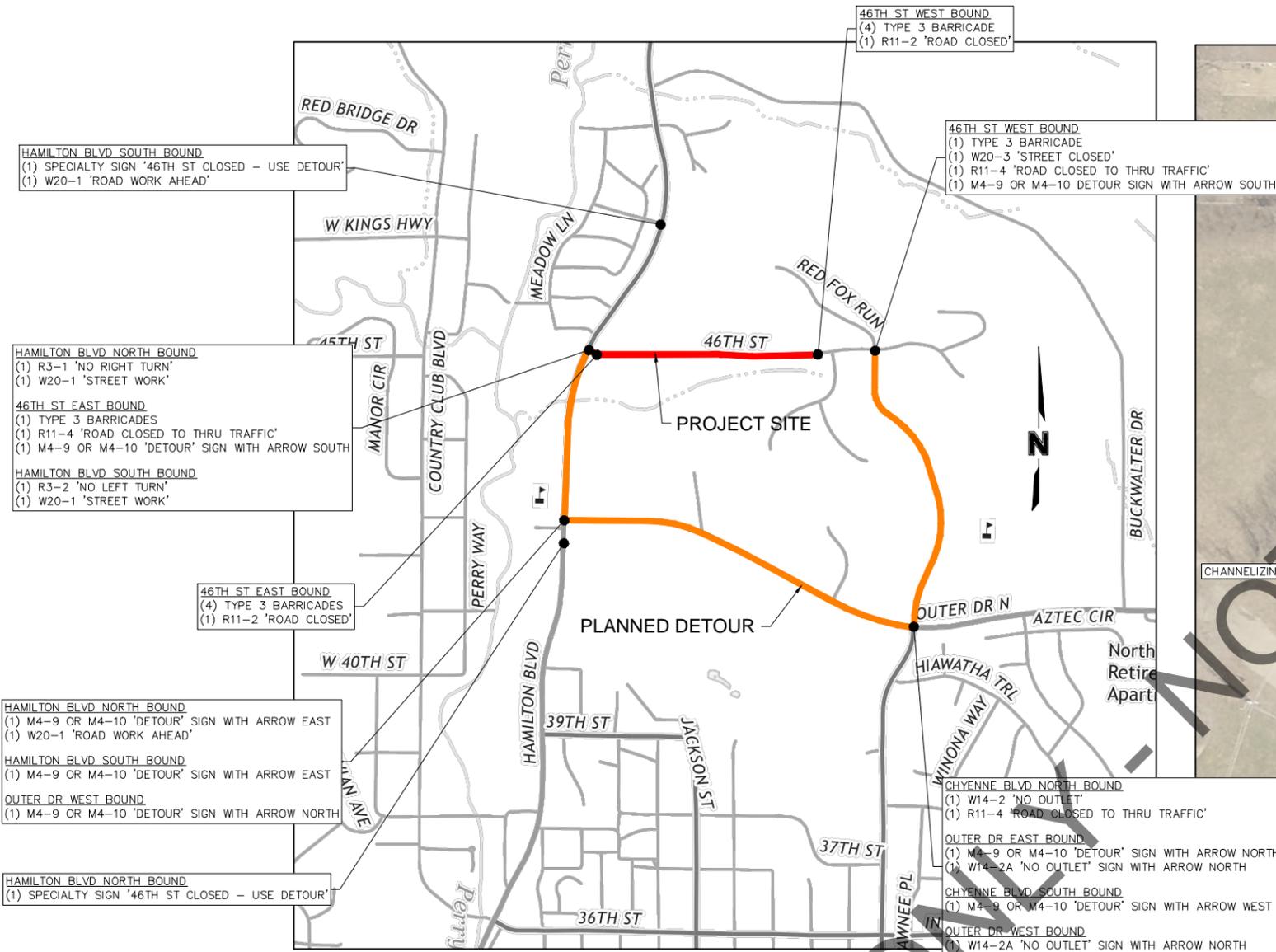


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 600 4th Street, Suite 333
 P.O. Box 6000
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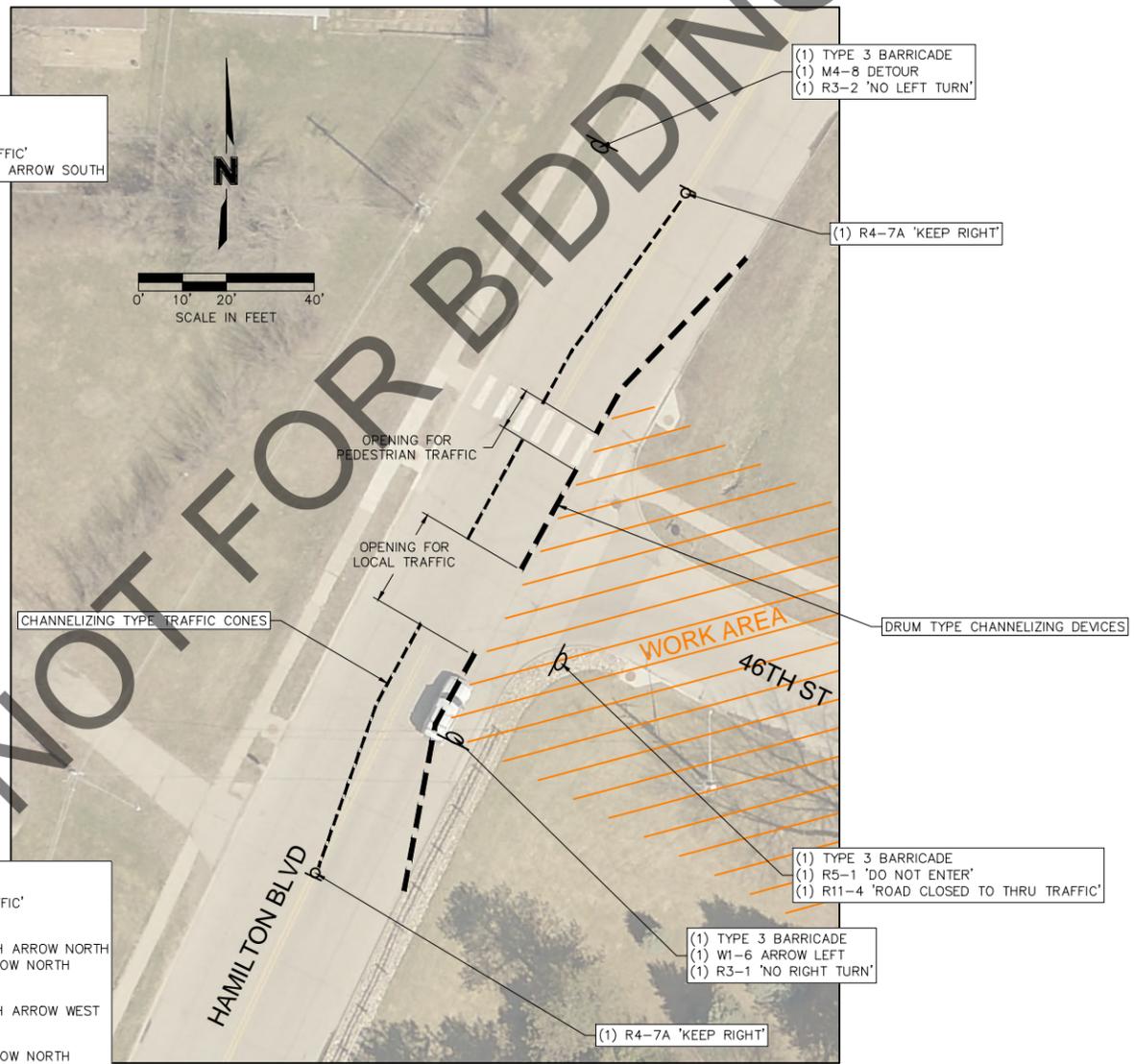
REV. NO.	DATE	REVISIONS DESCRIPTION

SITE PLAN
 46TH STREET PAVING AND DRAINAGE IMPROVEMENTS PROJECT
 SIOUX CITY, IOWA
 2016
 drawn by: CKK
 checked by: CKK
 approved by: RLH
 QA/QC by: JCB
 project no.: 013-0667
 drawing no.:
 date: 05.06.16

DWG: F:\Projects\013-0667\PBIN\Preliminary_Plans\C_TRF1_30667.dwg
 DATE: Aug 26, 2016 9:46am
 USER: jjarson
 XREFS: C_TBLK_30667 V_XAERL_30667



DETOUR PLAN



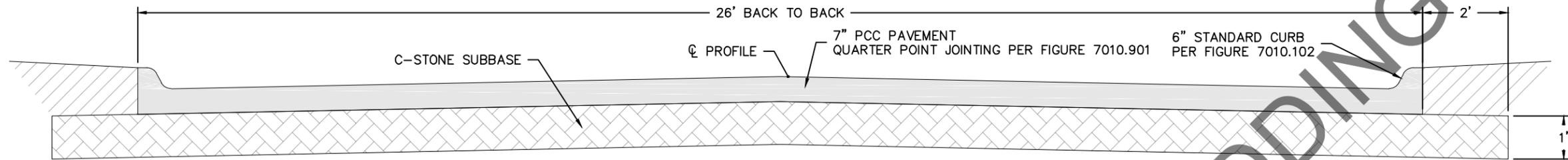
TRAFFIC CONTROL FOR WORK AREA NEAR INTERSECTION OF HAMILTON BLVD AND 46TH ST

TRAFFIC CONTROL / ROAD CLOSURE PROCEDURES / CONSTRUCTION LIMITATIONS:

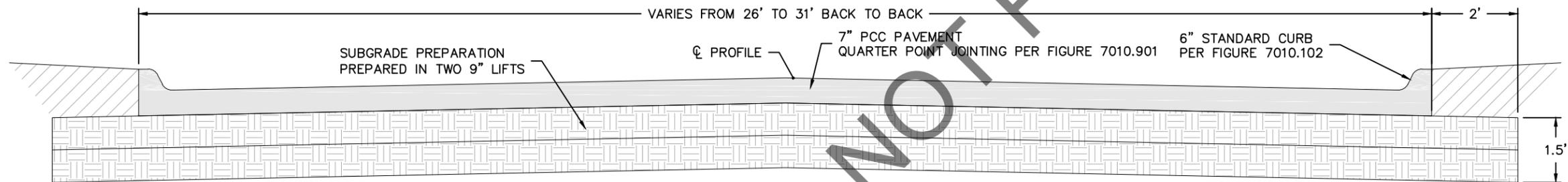
- THE TRAFFIC CONTROL PLANS PROVIDED ARE THE MINIMUM REQUIREMENTS FOR TRAFFIC CONTROL FOR THE PROJECT. DEVIATIONS TO THE TRAFFIC CONTROL PLANS MAY BE REQUIRED BASED ON THE CONTRACTOR'S CONSTRUCTION PLANS AS WELL AS LOCAL CONDITIONS. THE CONTRACTOR SHALL COORDINATE AND WORK WITH THE ENGINEER FOR REVISIONS TO THE TRAFFIC CONTROL PLAN THAT MAY BE REQUIRED DUE TO CHANGES IN CONSTRUCTION SEQUENCING. THE REVISED TRAFFIC CONTROL PLANS ARE TO BE REVIEWED AND APPROVED BY THE CITY PRIOR TO IMPLEMENTATION. FOR BIDDING PURPOSES THE CONTRACTOR SHALL ASSUME 25% ADDITIONAL SIGNAGE THAN WHAT IS SHOWN ON THE PLANS. ALL TRAFFIC CONTROL DEVICES MUST BE CHECKED TWICE DAILY. A 24 / 7 CONTACT NUMBER SHALL BE SUPPLIED TO THE CITY FOR EMERGENCIES THAT MAY ARISE WITH SIGNAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL RESPOND ONSITE WITHIN ONE HOUR TO CALLS ON TRAFFIC CONTROL SIGNAGE. IN THE EVENT THAT SIGNAGE ISSUES ARE NOT RESOLVED WITHIN ONE HOUR THE CITY SHALL CORRECT THE SIGNAGE ISSUES AND WILL BILL THE CONTRACTOR FOR THE LABOR INVOLVED IN CORRECTING THE ISSUE.
- THE PROCEDURES FOR ANY ROAD CLOSURES ARE:
 - HAVE AN APPROVED TRAFFIC CONTROL PLAN IN PLACE.
 - NOTIFY THE PUBLIC WORKS DEPARTMENT AND ENGINEER A MINIMUM OF 7 DAYS PRIOR TO THE STREET CLOSURE. A WRITTEN DESCRIPTION OF THE ROAD CLOSURE AREA IS TO ALSO BE PROVIDED TO THE CITY.
 - HAVE ALL TRAFFIC CONTROL DEVICES IN PLACE PRIOR TO CLOSING THE STREET.
- THE CONTRACTOR SHALL SUBMIT A SEQUENCING OF CONSTRUCTION AND TRAFFIC CONTROL PLAN (IF DIFFERENT THAN THE TRAFFIC CONTROL PLAN PROVIDED IN THE PLANS) TO THE CITY AND ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK. THE SEQUENCING OF CONSTRUCTION IS TO INCLUDE THE ESTIMATED CONSTRUCTION SCHEDULING, THE PLAN IS TO DETAIL THE CONTRACTOR'S PLANNED PROGRESSION THROUGH THE PROJECT, THE INDIVIDUAL SEGMENTS THE CONTRACTOR PLANS ON COMPLETING AND BRINGING INTO SERVICE, AND THE ESTIMATED TIME FRAME IN WHICH THOSE SEGMENTS WILL BE COMPLETED. THE CONSTRUCTION AND TRAFFIC CONTROL PLAN IS TO ENSURE THAT ALL RESIDENCES AND BUSINESSES HAVE ACCESS TO THEIR PROPERTIES AT ALL TIMES.
- ALL SIGNS SHALL BE INSTALLED, MAINTAINED IN A CLEAN CONDITION AND REMOVED BY THE CONTRACTOR. FLAGS MAY BE USED TO CALL ATTENTION TO WARNING SIGNS.
- WHEN MESSAGE IS NOT PERTINENT, SIGNS SHALL BE TAKEN DOWN, COVERED OR FOLDED. TAPE IS NOT PERMITTED ON THE FACE OF THE SIGN.
- VEHICLES OR EQUIPMENT SHALL NOT BE PARKED SO AS TO OBSCURE OR DISTRACT FROM TRAFFIC CONTROL DEVICES.
- BARRICADE AND SIGN MAY BE PLACED ALONG EDGE OF STREET IF NEEDED FOR LOCAL TRAFFIC.
- ALL TYPE III BARRICADES SHALL HAVE A WORKING FLASHER.
- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- SPECIALTY SIGNS SHALL HAVE BLACK LEGEND AND BORDER ON AN ORANGE RETROREFLECTIVE BACKGROUND. SPECIALTY SIGNS SHALL BE A MINIMUM OF 48" WIDE BY 30" TALL.
- VARIABLE MESSAGE BOARDS SHALL BE IN PLACE AT EACH END OF THE PROJECT WITH DATES OF CLOSURE 7 DAYS PRIOR TO ROAD CLOSURE.

REV. NO.	DATE	REVISIONS DESCRIPTION

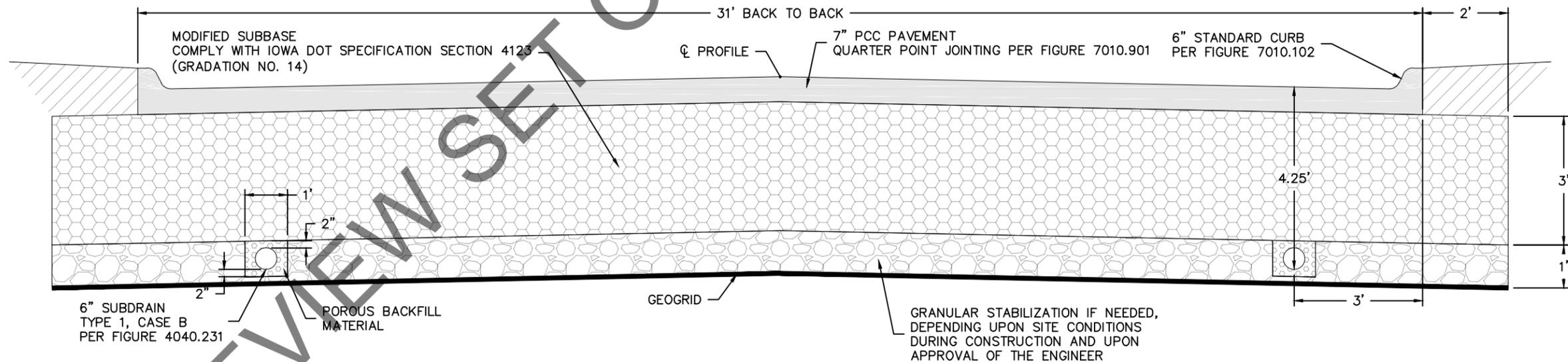
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 USER: janson
 XREFS: C_TBLK_30667



TYPICAL ROADWAY SECTION FROM STA. 1+20 TO STA. 8+75
 NOT TO SCALE



TYPICAL ROADWAY SECTION FROM STA. 8+75 TO STA. 16+60
 NOT TO SCALE



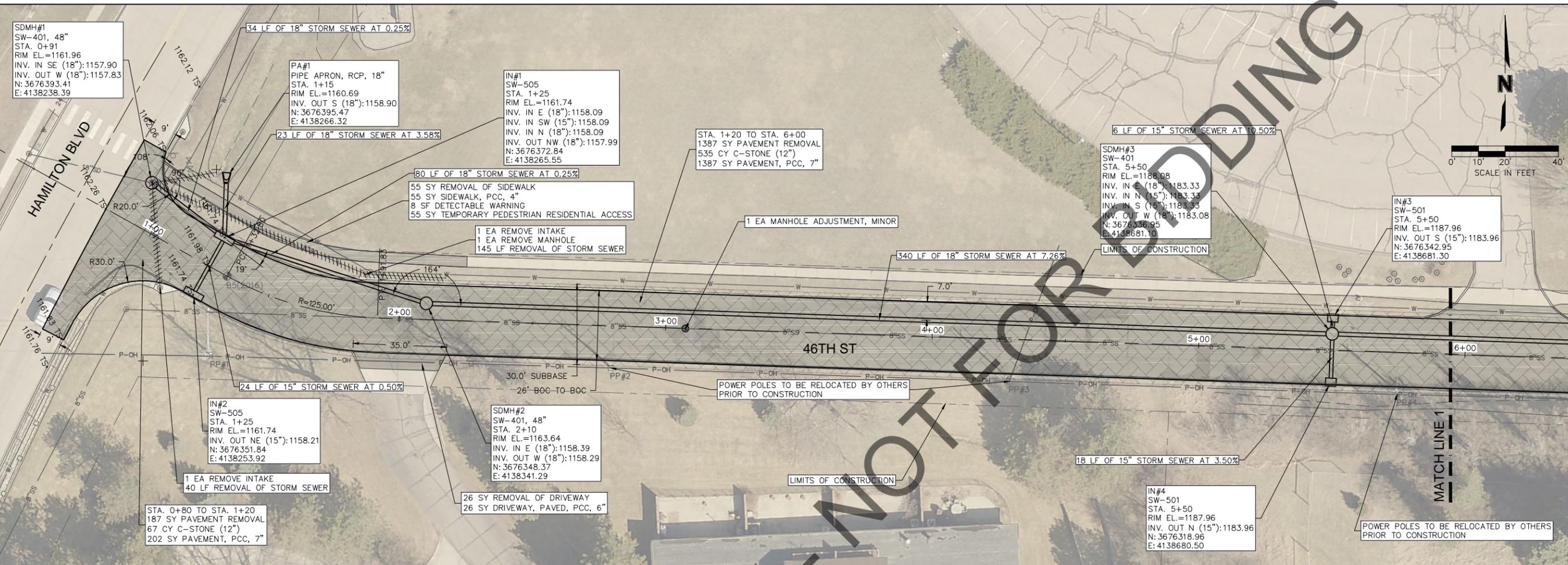
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REV. NO.	DATE	REVISIONS DESCRIPTION

TYPICAL ROADWAY SECTIONS	2016
46TH STREET PAVING AND DRAINAGE IMPROVEMENTS PROJECT	
SIoux CITY, IOWA	

drawn by: CKK
 checked by: CKK
 approved by: RLH
 QA/QC by: JCB
 project no.: 013-0667
 drawing no.:
 date: 05.06.16

DWG: F:\Projects\013-0667\PBIN\Preliminary_Plans\C_RPP1_30667.dwg
 DATE: Aug 26, 2016 9:46am
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600 4th Street, Suite 333
 P.O. Box 6000
 Sioux City, IA 51102-6000
 TEL 712.234.3022
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ROADWAY PLAN AND PROFILE
 STA. 0+90 TO STA. 6+00

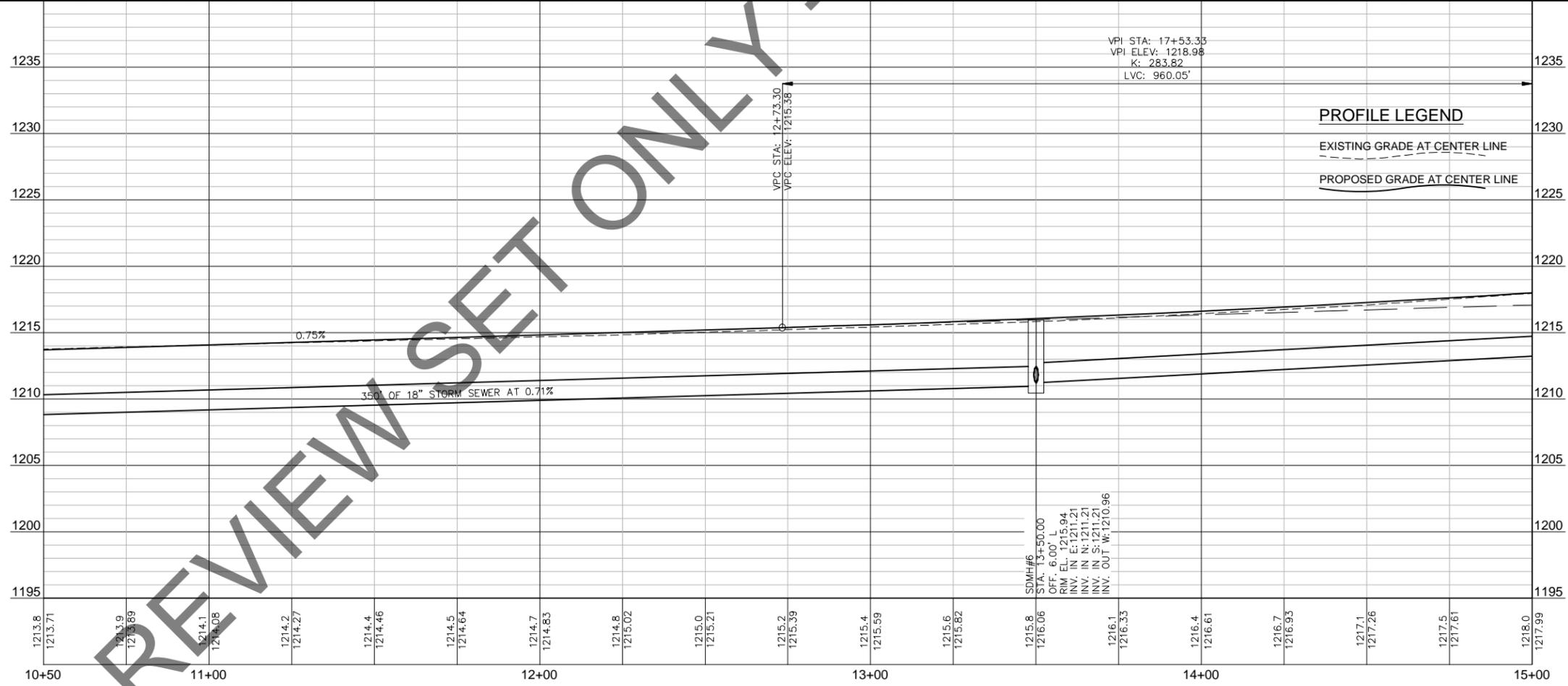
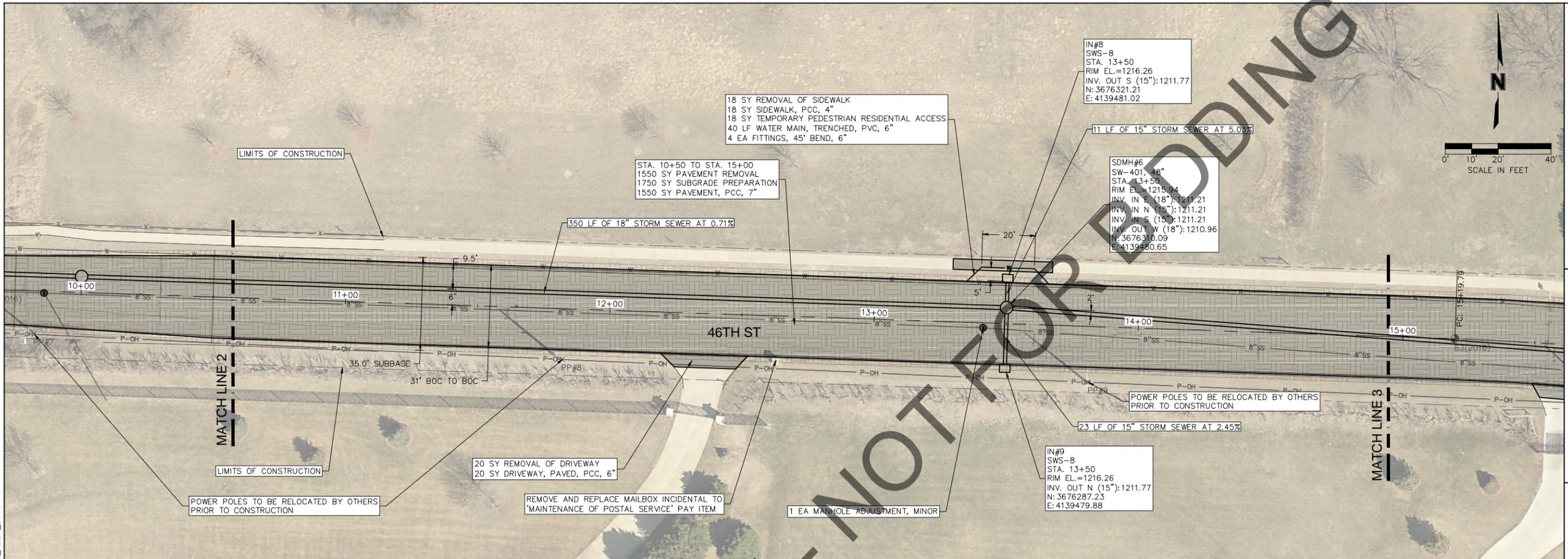
46TH STREET PAVING AND DRAINAGE IMPROVEMENTS PROJECT

SIoux CITY, IOWA

drawn by: _____	CKK
checked by: _____	CKK
approved by: _____	RLH
QA/QC by: _____	JCB
project no.: 013-0667	
drawing no.: _____	
date: 05.06.16	

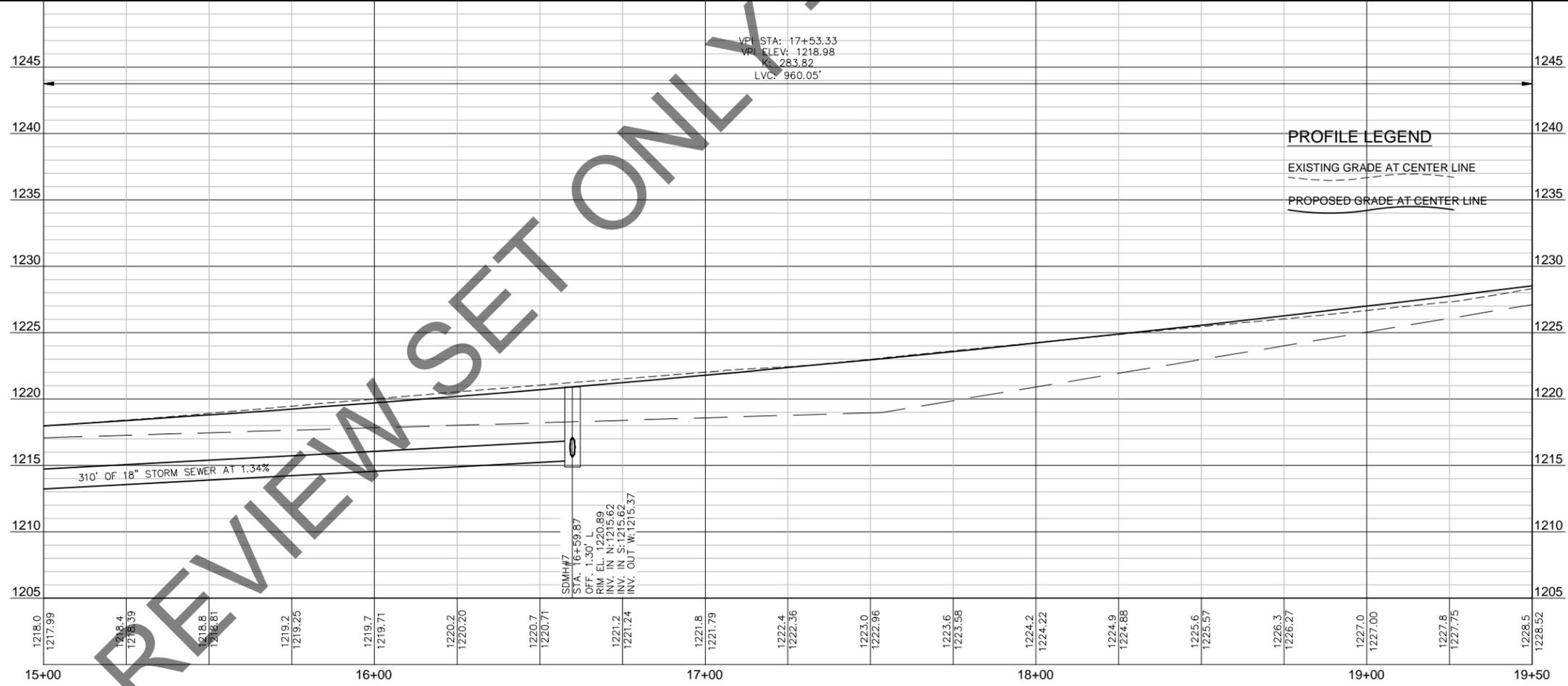
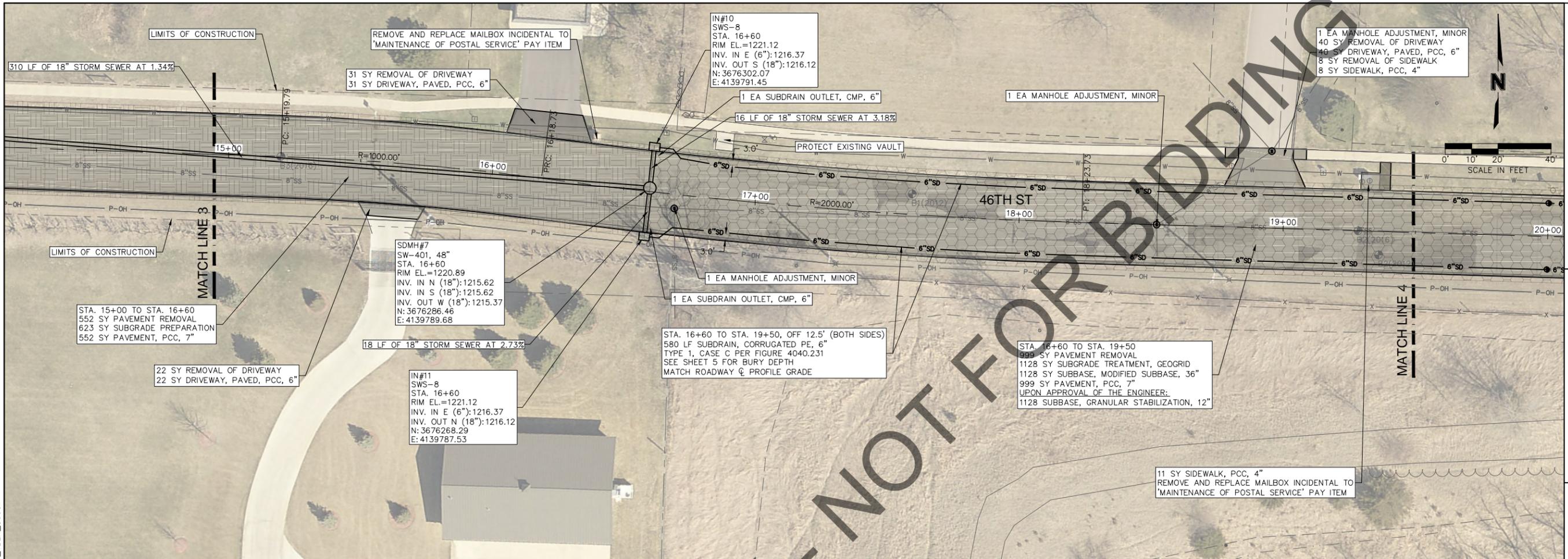
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 600 4th Street, Suite 333
 P.O. Box 6000
 Sioux City, IA 51102-6000
 TEL: 712.234.3022
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ROADWAY PLAN AND PROFILE
 STA. 15+00 TO STA. 19+50

46TH STREET PAVING AND DRAINAGE IMPROVEMENTS PROJECT

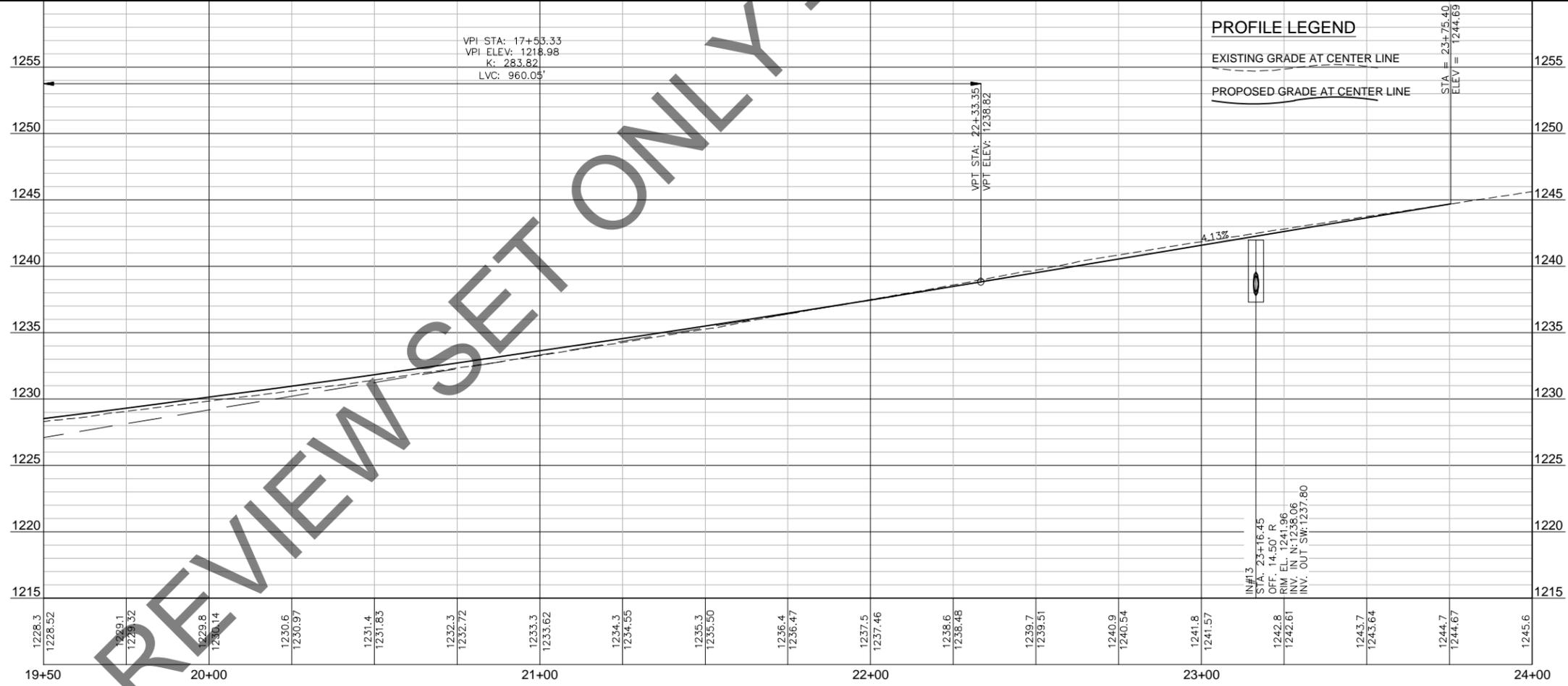
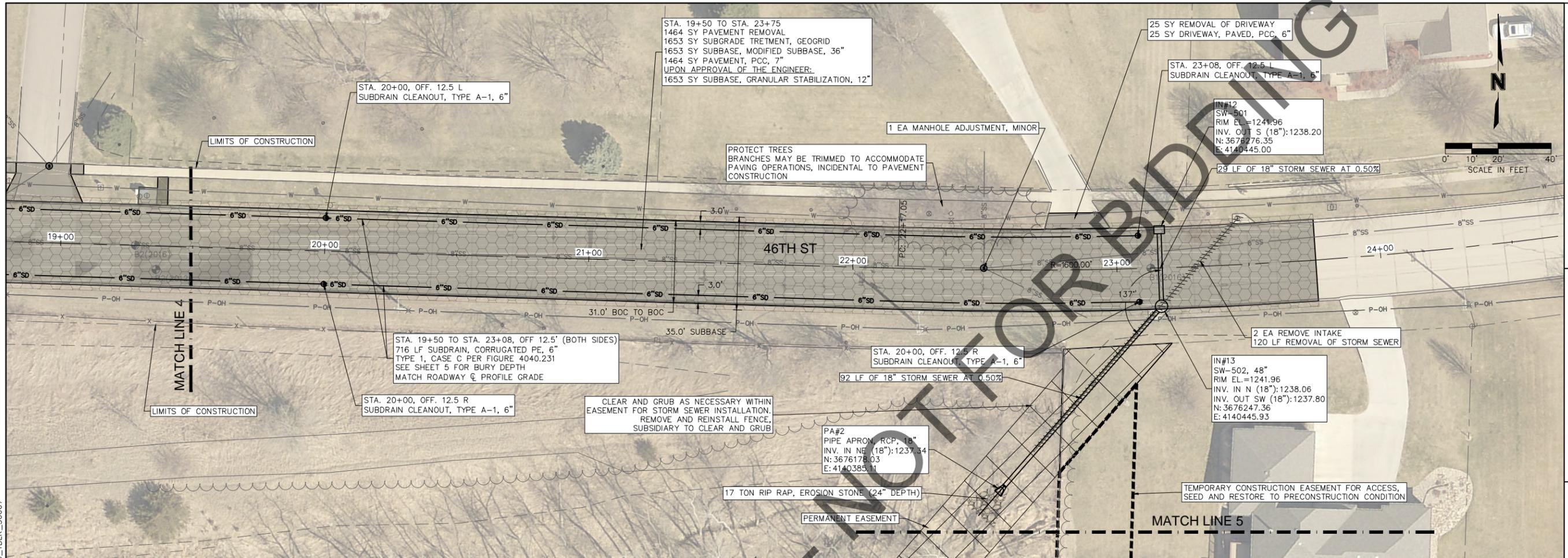
SIoux CITY, IOWA

2016

drawn by: _____ CKK
 checked by: _____ CKK
 approved by: _____ RLH
 QA/QC by: _____ JCB
 project no.: 013-0667
 drawing no.: _____
 date: 05.06.16

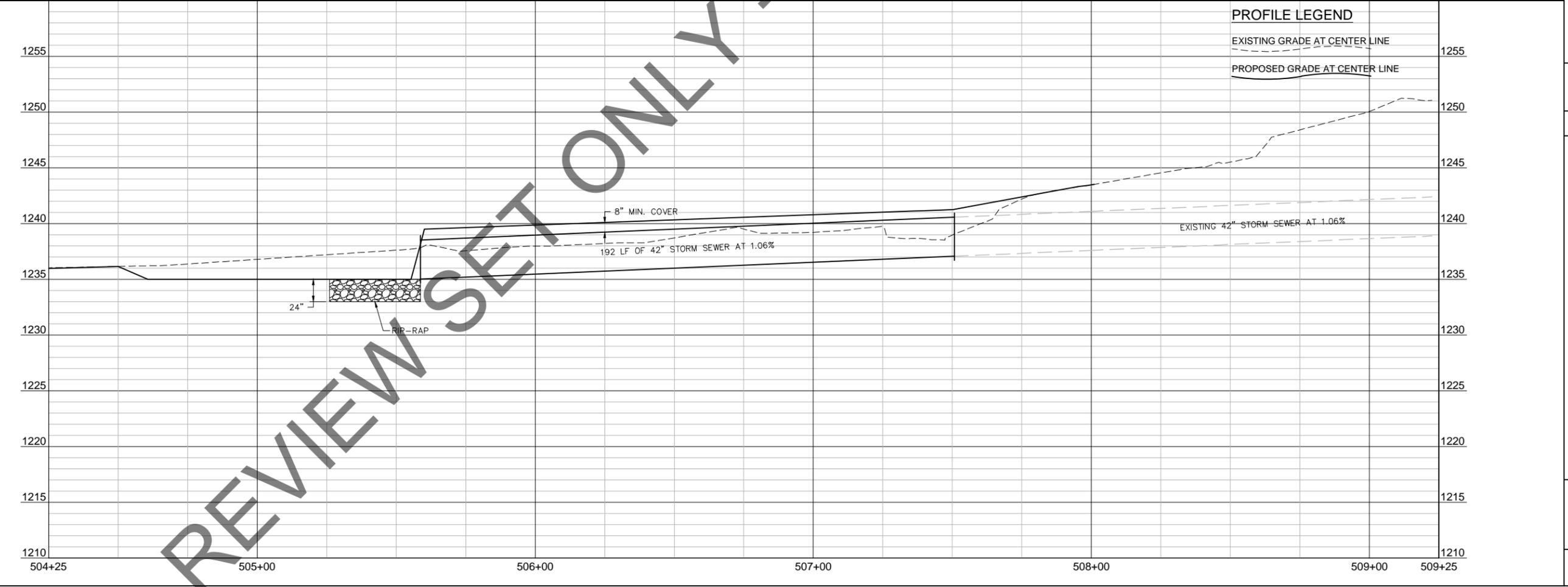
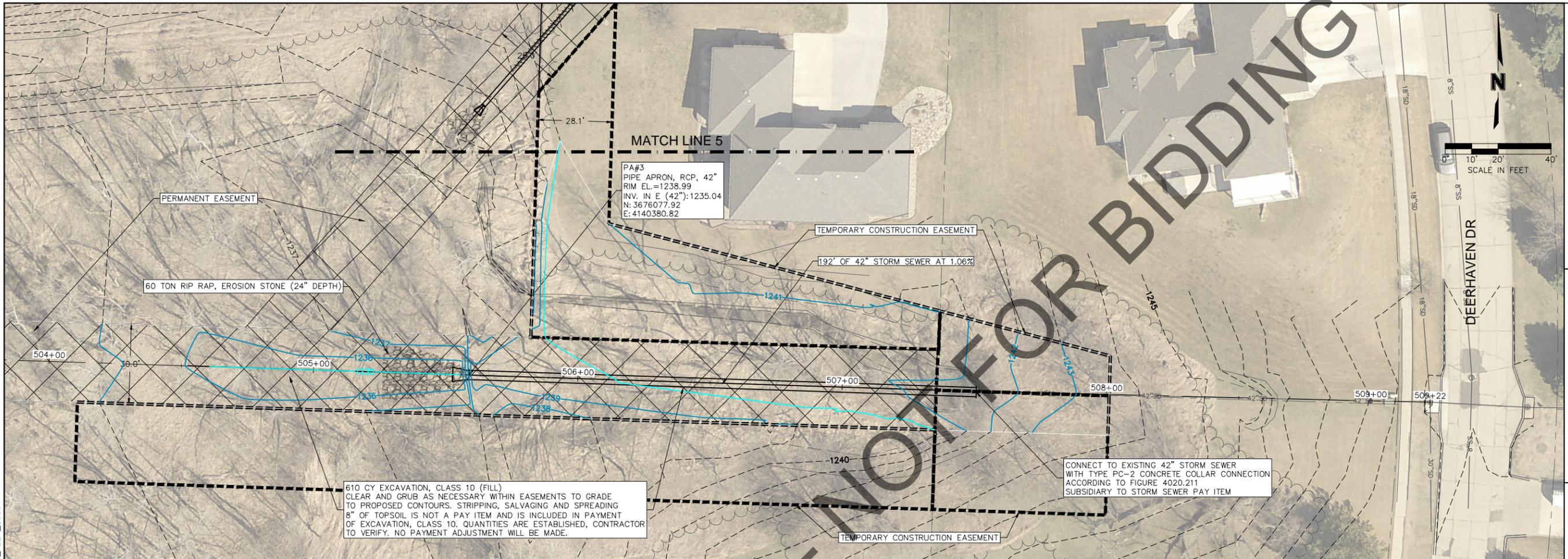
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REV. NO.	DATE	REVISIONS DESCRIPTION

STORM SEWER PLAN AND PROFILE
 STA. 504+25 TO STA. 509+25

46TH STREET PAVING AND DRAINAGE
 IMPROVEMENTS PROJECT

SIoux CITY, IOWA

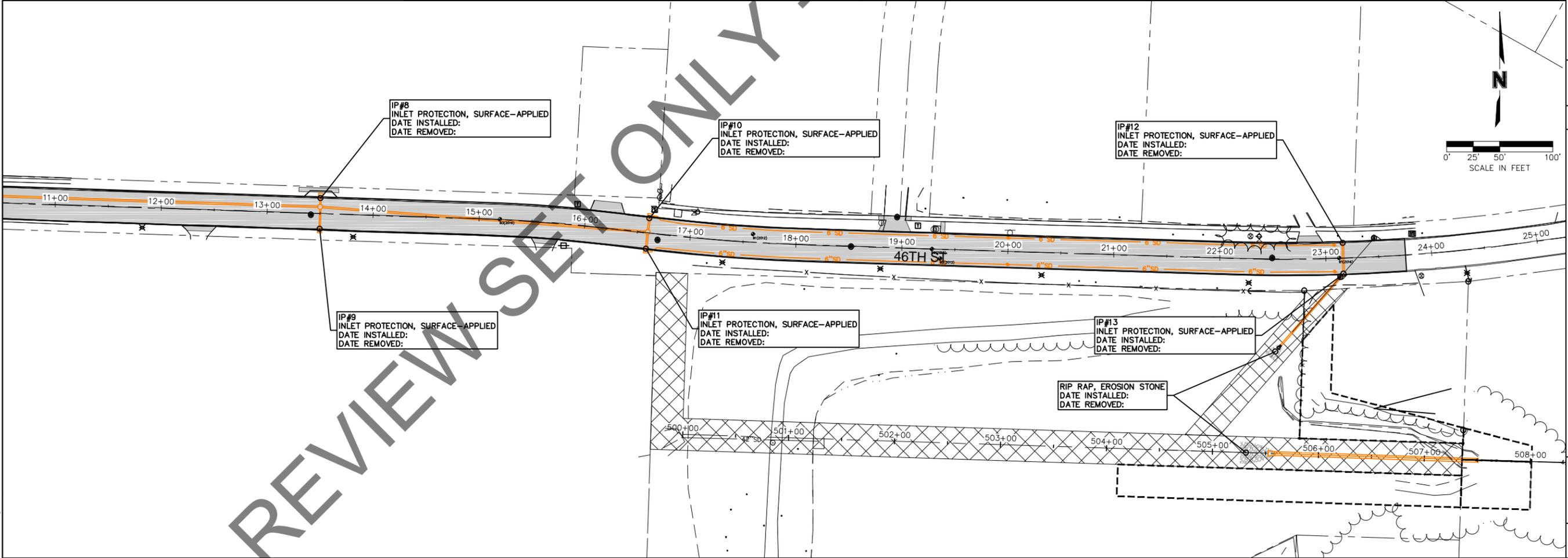
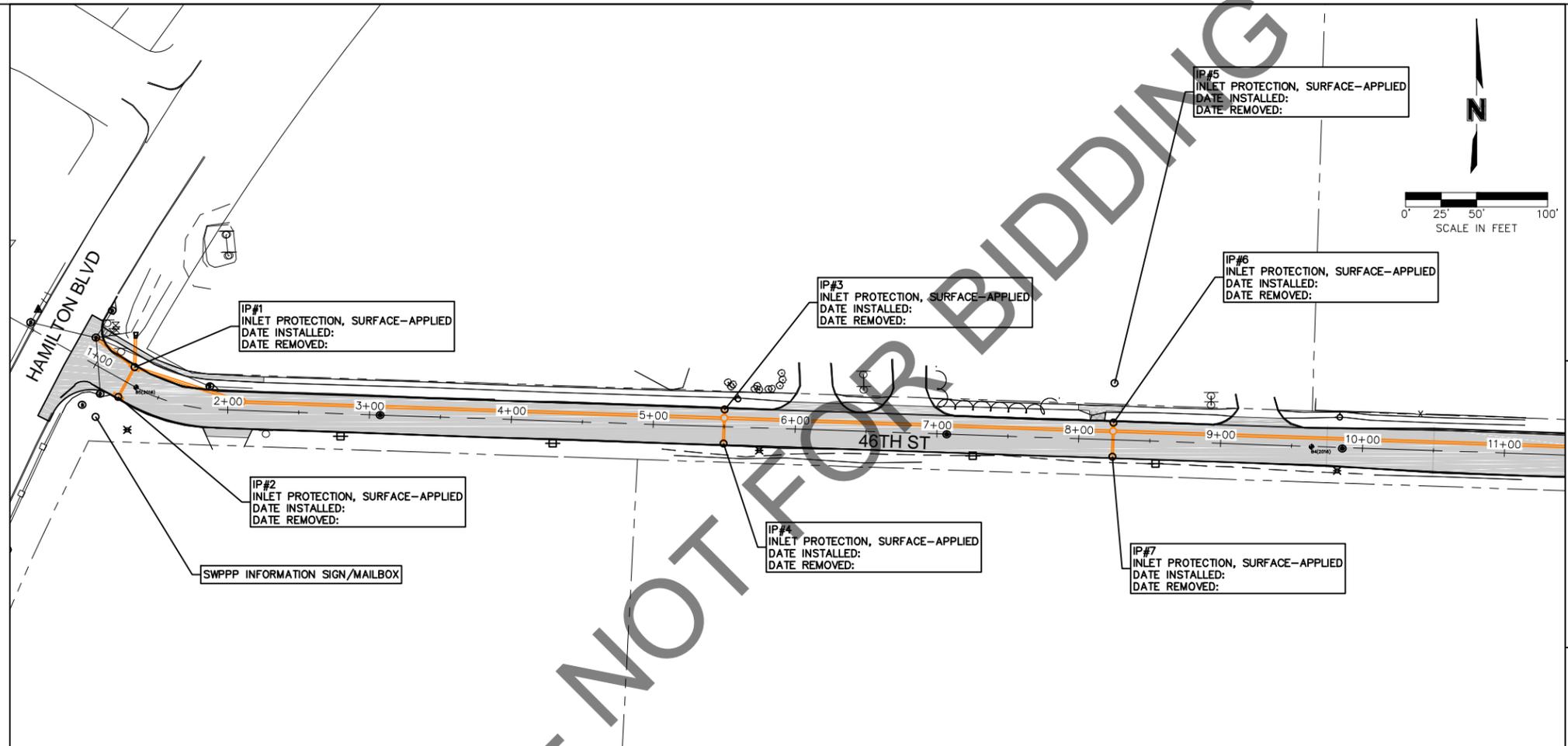
2016

drawn by: CKK
 checked by: CKK
 approved by: RLH
 QA/QC by: JCB
 project no.: 013-0667
 drawing no.:
 date: 05.06.16

SHEET
 11 of 12

STORM WATER POLLUTION PREVENTION PLAN/EROSION AND SEDIMENT CONTROL NOTES:

1. ALL SITE WORK SHALL BE IN ACCORDANCE WITH DIVISION 9 'SITE WORK AND LANDSCAPING' OF THE MOST RECENT EDITION OF IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS.
2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO COMPLY WITH THE ADMINISTRATIVE PROVISIONS OF THE IOWA DNR NPDES GENERAL PERMIT NO. 2; INCLUDING RECORD KEEPING, DOCUMENTATION, UPDATING THE SWPPP, FILING THE NOTICE OF DISCONTINUATION, ETC. THE CONTRACTOR IS ALSO RESPONSIBLE FOR WEEKLY INSPECTIONS AND SWPPP QUALIFYING RAINFALL EVENT INSPECTIONS REQUIRED TO SATISFY THE PROVISIONS OF GENERAL PERMIT NO. 2. THIS WORK SHALL BE INCIDENTAL TO 'SWPPP MANAGEMENT' PAY ITEM.
3. THE STORM WATER POLLUTION PREVENTION PLAN PROVIDED IS THE MINIMUM REQUIREMENTS FOR THE PROJECT. DEVIATIONS TO THE PLANS MAY BE REQUIRED BASED ON THE CONTRACTOR'S CONSTRUCTION SEQUENCING.
4. A 24/7 CONTACT NUMBER SHALL BE SUPPLIED TO THE CITY FOR NON-COMPLIANCE ITEMS THAT MAY ARISE WITH DURING CONSTRUCTION.
5. CONTRACTOR SHALL CLEAN CONSTRUCTION RELATED MUD OR DEBRIS FROM STREETS ON A DAILY BASIS. NO MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK.
6. CONTRACTOR SHALL USE A DESIGNATED AREA FOR A CONCRETE WASHOUT IN ACCORDANCE WITH SECTION 11,060 OR THE STANDARD SPECIFICATIONS.
7. CONTRACTOR SHALL INSTALL SILT FENCE OR OTHER APPROVED EROSION CONTROL MEASURES AROUND THE PERIMETER OF ALL MATERIAL STOCKPILES. NO MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK.
8. TOTAL AREA TO BE SEEDED IS APPROXIMATELY 0.75 ACRES. AREAS TO BE SEEDED SHALL BE HYDROSEEDDED.
9. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT STABILIZATION IS ESTABLISHED ON 95% OF THE SITE, OR AS DIRECTED BY THE ENGINEER.
6. ADDITIONAL EROSION CONTROL MEASURES MAY NEED TO BE PROVIDED TO ACCOMMODATE CONSTRUCTION.



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 ASSOCIATES
600 4th Street, Suite 333
 P.O. Box 6000
 Sioux City, IA 51102-6000
 TEL 712.234.3022
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STORM WATER POLLUTION PREVENTION PLAN
46TH STREET PAVING AND DRAINAGE IMPROVEMENTS PROJECT
 SIoux CITY, IOWA

2016
 SHEET 12 of 12

drawn by: CKK
 checked by: CKK
 approved by: RLH
 QA/QC by: JCB
 project no.: 013-0667
 drawing no.:
 date: 05.06.16