Request for Bid
For
Permanent Erosion, Sediment & Control – Landscaping
Polk County Rest Area Relocation 3 miles south of IA 210 (NB/SB)

Issued by:

IOWA DEPARTMENT OF TRANSPORTATION
Purchasing Section
Proposal No. 13848

Letting Date: March 18, 2015

Must be submitted no later than 1:00 PM Central Time
Bid Responses received after this date will be rejected

For information about this notice, and during this procurement, interested persons shall contact only:

Rhonda Ruark, Purchasing Agent II
800 Lincoln Way
Ames, Iowa 50010
Phone: 515-239-1285
Fax: 515-239-1538
E-Mail: rhonda.ruark@dot.iowa.gov

Issued addenda and all other correspondence will be posted to Iowa DOT's website:
http://**www.iowadot.gov/purchasing**

Bid Response

	Date Bids Due	Time of Bid Opening	Bid Opening Location
	3/18/2015	1:00 PM	800 Lincoln Way, Ames, IA

Proposal Number	Description
13848	Permanent Erosion, Sediment & Control - Landscaping

Contract to Begin	Date of Completion	Proposal Guaranty Amount	Liquidated Damages
4/1/2015	10/31/2016	$0.00	$0.00

Purchasing Agent	E-Mail Address	Phone	Fax
Rhonda Ruark	rhonda.ruark@dot.iowa.gov	515-239-1285	515-239-1538

Company Name	Federal Tax ID

Street Address	City	State	Zip Code

Supplier Contact (type or print)	E-Mail Address	Phone	Fax

Supplier agrees to sell items/services at the same prices under the same terms and conditions to any other state agency, Regent or Political Subdivision upon request. Please check Yes or No.	Are you a Iowa Targeted Small Business?
☐ YES ☐ NO	☐ YES ☐ NO

GENERAL INFORMATION

The bid package labeled "Vendor Copy" is retained by the bidder and includes a copy of the proposal, schedule of prices, Terms and Conditions, specifications, and other information you may need to prepare your bid. The copy labeled "Dot Copy" must be typed or completed in ink, signed, and returned prior to the bid opening date and time. Proposals must be submitted on the form supplied by the department.

Bids must be typed or completed in ink on the forms supplied by the department. You must sign your bid and seal it in the envelope provided. Bids must be received prior to the bid opening date and time. The bidder may personally deliver, mail, or select a carrier that ensures timely delivery. **Faxed bids will not be accepted.**

If required, each bid must be accompanied by a proposal guaranty in an accepted form, in the sum indicated above. Refer to the Standard Terms and Conditions for the accepted forms in which the proposal guaranty requirement may be fulfilled. Bids lacking a required proposal guaranty will not be considered for award. If the contractor fails to enter into a formal contract within fifteen (15) days after award is made, the proposal guaranty may be retained by the State.

PROPOSAL STATEMENT

The entire contents of this Proposal, Addendums to the Proposal, Specifications, Supplemental Terms and Conditions, Standard Terms and Conditions, and Schedule of Prices shall become part of the contract.

We promise to enter into a contract within fifteen (15) days after award or forfeit the proposal guaranty furnished herewith.

We promise to furnish all materials, equipment and/or services specified, in the manner and the time prescribed, at prices hereinafter set out.

We certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a bid; that this bid has been independently arrived at without collusion with any other bidder, competitor, or potential competitor; and that this bid has not been knowingly disclosed prior to the opening of bids to any other bidder or competitor.

We certify that all materials, equipment and/or services proposed meet or exceed the specifications and will be supplied in accordance with the entire contents of this proposal.

We promise to complete the contract within the contract period, or pay any liquidated damages, if stipulated, for each calendar day as set forth in the bid documents.

Signed: _____ Date: _____

Iowa Department of Transportation
Standard Terms and Conditions For
Bid Proposals/Contracts
-FORMAL-

Formal is the procurement process required by Iowa law when the estimated, aggregate amount of the purchase equals or exceeds $50,000.

The entire contents of this bid proposal shall become a part of a contract or purchase order. In case of a discrepancy between the contents of the bid documents, the following items listed by descending order shall prevail:

- Addendums to the bid proposal
- Bid Proposal-
  - Schedule of Prices
  - Specifications
  - Plans and Drawings
- Supplemental Terms and Conditions
- Standard Terms and Conditions

(Example - if a statement in the specifications contradicts a statement in the Standard Terms and Conditions, the statement in the specifications shall apply)

Preparation of Bid Response: All bid responses must address all aspects of the proposal including clearly answering all questions within the proposal. Bid responses must be typed or completed in ink and submitted on the forms supplied by the Iowa DOT.

Bid responses must be signed and received prior to the bid opening date and time as indicated on the Bid Response cover page or bid opportunity. The signed, submitted quotation or bidder's proposal shall become the official bid response to be considered for award.

No email, fax or web link bid responses will be accepted. Bid Responses must be signed, sealed and delivered in person or by a mail courier that ensures timely delivery.

A. Bid Proposal

1. **Bid Opening:** Bid openings are made public and conducted at the Iowa DOT, Ames complex unless otherwise specified. Bid responses received after the time of the bid opening will be returned unopened and considered non-compliant.
2. **Communications:** Questions concerning this proposal should be directed to the purchasing agent listed on the bid proposal. Inquiries can be written, phoned, or faxed. In all cases, written communication will take precedence over verbal communication
3. **Proposal Guarantee:** If required, the bid response page will indicate the amount required to be included in the bid response. A Proposal Guarantee can be supplied in one of the following ways: **(1)** Certified check or credit union certified share draft, cashier's check, or bank draft, drawn on a solvent bank or credit union. Certified checks and certified share drafts shall be drawn and endorsed in the amount indicated. Checks or drafts shall be made payable either to the Iowa Department of Transportation (Iowa DOT) or to the bidder. If payable to the bidder, the check or draft shall be endorsed without qualifications to the Iowa DOT by the bidder or an authorized agent. **(2)** An insurance or surety company may be retained to provide a bond in fulfillment of the proposal guarantee requirement. A properly completed and signed copy of the Proposal Guarantee (*Form 131084*) must accompany the bid. **The Iowa DOT's Proposal Guarantee form must be used; no other forms or formats will be accepted.**
4. **Pricing and Discount:** Unit prices shown on the bid/response shall be quoted as the price per unit (e.g., gal., case, each, etc.) as stated in the bid proposal. If there is a discrepancy between the unit bid prices, extension, or total amount of bid, the unit prices shall prevail. Unless otherwise indicated, prices shall be firm for the duration of the contract or purchase. Discounts for early payment are allowed, but not considered in award of the contract.

5. **Acceptance/Rejection:** The Iowa DOT reserves the right to accept or reject any or all bids and to waive irregularities or technicalities, provided such waiver does not substantially change the offer or provide a competitive advantage to any supplier(s). The Iowa DOT also reserves the right to accept that bid which is deemed to be in the best interests of the state. Any unauthorized changes, additions, or conditional bids including any ties to another bid or proposal or any reservations about accepting an award or entering into a contract, may result in rejection of the bid. Bids must remain available for award for thirty (30) days from date of bid opening.
6. **Bid Results & Disclosure:** Bid tabulations will be posted on the DOT website at www.iowadot.gov/purchasing under the *Bid Award* link referencing the proposal number with an award recommendation indicated. At the conclusion of the selection process, the contents of all received bid responses will be placed in the public domain and be open to inspection by interested parties, according to state law. Trade secrets or proprietary information that are recognized as such and are protected by law may be withheld if clearly identified as such in the proposal.
7. **Quality:** All material shall be new and of first quality. Items which are used, demonstrators, refurbished, obsolete, seconds, or which have been discontinued are unacceptable without prior written approval by the Iowa DOT.
8. **Recycled Content:** The Iowa Code encourages purchase of products and materials with recycled content, including but not limited to paper products, oils, plastic products, compost materials, aggregate, solvents, and rubber products. Recycled items or alternatives must be noted in the bid response, if known.
9. **Shipping Terms:** Deliveries shall be F.O.B. Destination unless otherwise specified. All deliveries shall be accompanied by a packing slip indicating the Supplier, quantities shipped, and the purchase order number(s). All delivery charges shall be included in the bid price and paid by the Supplier. No collect C.O.D. deliveries shall be accepted. When entering into a contract, the Supplier shall notify the freight company that all freight and delivery charges are to be prepaid by the Supplier. Goods delivered to the Iowa DOT Distribution Center at 800 Lincoln Way, Ames, IA shall be received between the hours of 7:30 a.m. and 3:30 p.m. on any day except Saturday, Sunday, or a holiday. For deliveries to other Iowa DOT locations, the Supplier may contact the destination location for available times to deliver as not all Iowa DOT locations have the same business hours. The Iowa DOT will not be liable for any freight claims or unpaid freight bills arising from contract or purchase order issues.

B. Award

The binding agreement (award) may be issued in the form a purchase order or contract or both depending on the requirements and complexity of the agreement.

1. **Method of Award:** Award shall be made to the lowest responsible, responsive bidder whose bid meets the requirements of the solicitation and is the most advantageous to the Iowa DOT unless otherwise specified. An Iowa bidder will be given preference over an out-of-state bidder when bid responses are equal in all aspects and are tied in price. By virtue of statutory authority preference will be given to products and provisions grown and coal produced within the State of Iowa.
2. **Award Protests:** Protests of award recommendations are to be addressed to the Director of Purchasing, and shall be made in accordance with paragraph 761--20.4(6)"e" of the Iowa Administrative Code.
3. **Contracts:** Successful contractor(s) may be sent either a formal Contract, Notification of Award or purchase order as confirmation of acceptance and award. Any of these binding agreements shall be for the term stated in the bid proposal or on a purchase order and may be renewed for additional period(s) under the same terms and conditions upon mutual agreement as defined. The successful bidder may not assign a contract to another party without written authorization from the Iowa DOT Purchasing Section. A service contract, including all optional renewals, shall not exceed a term of six years unless a state agency obtains a waiver of this provision pursuant to rule 11-11B.16 (8A).
4. **Payment Terms:** The Iowa DOT typically pays properly submitted vendor invoices within thirty (30) days of receipt, providing goods and/or services have been successfully delivered, installed or inspected (if required), and accepted. Invoices presented for payment must be only for quantities received by the Iowa DOT and must reference the purchase order number to be submitted for processing.

5. **Default:** Failure of the Supplier to adhere to specified delivery schedules or to promptly replace rejected materials shall render the Supplier liable for all costs in excess of the bid price when alternate procurement is necessary. This shall not be the exclusive remedy and the Iowa DOT reserves the right to pursue other remedies available to it by law or under the terms of the binding agreement.
6. **Default:** Failure of a Contractor other than a Supplier to meet any specified project completion deadline shall render the Contractor liable for all costs incurred by DOT that were: a) necessary to meet said deadline; or b) necessary to complete said project after said deadline. This shall not be the exclusive remedy and the Iowa DOT reserves the right to pursue other remedies available to it by law or under the terms of the agreement.

C. General

1. **Administrative Rules:** For Additional details on the rules governing the actions of the Iowa DOT Purchasing Section, refer to 761 IAC, Chapter 20, Iowa Administrative Code, entitled "Procurement of Equipment, Materials, Supplies and Services".
2. **Affirmative Action:** The Contractor (and also subcontractor, vendor or supplier) is prohibited from engaging in discriminatory employment practices forbidden by federal and state law, executive orders and rules of the Iowa Department of Management, pertaining to equal employment opportunity and affirmative action. Contractor may be required to have on file a copy of their affirmative action program, containing goal and time specifications. Contractors doing business with Iowa in excess of $5,000 annually and employing 50 or more full time employees may be required to file with the Iowa Department of Management a copy of their affirmative action plan. Failure to fulfill these non-discrimination requirements may cause the contract to be canceled and the contractor declared ineligible for future state contracts or subject to other sanctions as provided by law or rule.
3. **Applicable Law:** The contract shall be governed under the laws of the State of Iowa. The contractor shall at all times comply with and observe all federal and state laws, local laws, ordinances, and regulations which are in effect during the period of a contract and which in any manner affect the work or its conduct. Any legal action relating to a contract shall only be commenced in the Story County, Iowa, District Court or the United States District Court for the Southern District of Iowa.
4. **Conflict of Interest:** No state or county official or employee, elective or appointive shall be directly or indirectly interested in any contract issued by the Iowa DOT, see Code of Iowa 314.2.
5. **Debarment and Vendor Suspension:** By submitting a proposal, the contractor is certifying that it and its principals and/or subcontractors are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by the State of Iowa or any Federal department or agency.
6. **Equal Opportunity:** Firms submitting bids must be an "Equal Opportunity Employer" as defined in the Civil Rights Act of 1964 and in Iowa Executive Order Number Thirty-four.
7. **Infringement:** Goods shall be delivered free of the rightful claim of any third party by way of infringement. Contractor shall indemnify and save harmless the State of Iowa and the Iowa DOT against all claims for infringement of, and/or royalties claimed under, patents or copyrights on materials and equipment furnished under this bid.
8. **Records Audit:** The contractor agrees that the Auditor of the State of Iowa or any authorized representative of the state, and where federal funds are involved, the Comptroller General of the U.S. Government, shall have access to and the right to examine, audit, excerpt, and transcribe any directly pertinent books, documents, papers, and records of the contractor relating to orders, invoices, or payments of a contract or purchase order.
9. **Targeted Small Businesses:** The Iowa DOT seeks to provide opportunities for women and/or minority small business enterprises. To apply for certification as an Iowa Targeted Small Business, contact the Iowa Department of Inspection and Appeals (515-281-5796). Contractors shall take documented steps to encourage participation from Targeted Small Businesses for the purpose of subcontracting and supplying of good or services or both.
10. **Taxes:** Prices quoted shall not include state or federal taxes from which the state is exempt. Exemption certificates will be furnished upon request.
11. **Termination:**
    - **Termination Due to Lack of Funds or Change in Law**
      The Iowa DOT shall have the right to terminate this Contract without penalty by giving thirty (30) days written notice to the vendor as a result of any of the following:
      • Adequate funds are not appropriated or granted to allow the Iowa DOT to operate as required and to fulfill its obligations under contract.
      • Funds are de-appropriated or not allocated or if funds needed by the Iowa DOT, at the

Iowa DOT's sole discretion, are insufficient for any reason.

- The Iowa DOT's authorization to operate is withdrawn or there is a material alteration in the programs administered by the Iowa DOT.
- The Iowa DOT's duties are substantially modified.

Following a 30 day written notice, the Iowa DOT may terminate a binding agreement in whole or in part without the payment of any penalty or incurring any further obligation to the Supplier. Following termination upon notice, the Supplier shall be entitled to compensation upon submission of invoices and proper proof of claim for goods and services under contract up to and including the date of termination.

Schedule Of Prices

Number	13848
Date Required	03/18/2015 1:00 PM

Title	Permanent Erosion, Sediment & Control - Landscaping	Vendor	
Delivery Location		PA Name	Rhonda J Ruark
Shipping Terms	FOB Destination/Freight Prepaid	Phone	515-239-1285
		E-Mail	rhonda.ruark@dot.iowa.gov
Description	Polk County Rest Area Relocation 3 miles south of IA 210 (NB/SB)		

Product Availability Days: _____

Item	Qty	Unit	Description	Part #	Unit Price	Total Price
1	1	LUMP	All materials, labor and equipment necessary to complete all work as detailed in scope of service			

Comments:

I HEREBY CERTIFY THAT THIS PROPOSAL MEETS OR EXCEEDS THE MINIMUM REQUIREMENT INCLUDING SPECIFICATIONS AND ADDENDUMS.

Signature: _____ Date: _____

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Section 1 Introduction

1.1 Purpose & Overview of the RFB Process

The purpose of this Request for Bid (RFB) is to solicit Bid Responses from responsible, responsive Bidders to provide the goods and/or services for permanent erosion and sediment control – landscaping, for the relocation of the rest area in Polk County 3 miles south of IA 210 (NB/SB). The Iowa DOT intends to award a contract(s) beginning April 1, 2015 and ending on October 31, 2016. Any contract(s) resulting from the RFB shall not be an exclusive contract.

1.2 Definitions

The terms used in individual sections of this document are intended to be consistent with those commonly used in the application field in question. When responding, use the terms and acronyms used in this document, and define any terms or conditions that require further clarification.

1.2.1 "Bid Response" means the bid document submitted by the bidder in response to the RFB.

1.2.2 "Contract" or "Resulting Contract" means the contract(s) entered into with the successful Bidder(s) as described in section 4.

1.2.3 "Bidder" means individual, company or entity submitting a response in response to the RFB.

1.2.4 "Iowa DOT" means the Iowa Department of Transportation.

1.2.5 "Participating Agency" or "Participating Agencies" means the agency or agencies identified on the RFB cover sheet as Participating Agencies and any other agency that decides to utilize the executed contract.

1.2.6 "Procurement Timetable" *(on the page immediately following the RFB cover)* provide timeline, event and date information.

1.2.7 "Purchase Order" means the documentation issued by the State to the Contractor for a purchase of goods and/or services in accordance with the terms and conditions of the Contract. It may include an identification of the items to be purchased, the delivery date and location, the address where the supplier should submit the invoices, and any other requirements deemed necessary by the State. Any preprinted contract terms and conditions included on Bidder's forms or invoices shall be null and void.

1.2.8 "Responsible Bidder" means a bidder that has the capability in all respects to perform the requirements of the Bid Proposal specifications. In determining whether a Bidder is a responsible, responsive Bidder, the Iowa DOT may consider various factors including, but not limited to, the Bidder's competence and qualifications to provide the goods or services requested, the Bidder's integrity and reliability, the past performance of the Bidder relative to the quality of the goods or services offered by the Bidder, the proposed terms of delivery, and the best interest of the Iowa DOT and Participating Agencies.

1.2.9 "RFB" means Request for Bid and any attachments, exhibits, schedules or addenda hereto. A written response by a Bidder shall be considered a bid and referred to as a Bid Response.

1.2.10 "State" means the Iowa DOT, State of Iowa, and Participating Agencies identified on the title page and all state agencies, boards, and commissions, and any political subdivisions making purchases off of the resulting Contract as permitted by this RFB.

1.3 General

1.3.1 Owner:

The Owner of this project is the Iowa Department of Transportation, 800 Lincoln Way, Ames, Iowa 50010.

Project Location:

Two new rest areas are located in Polk County off I-35 at mile markers 100;
3 miles south of IA 210 (NB/SB).

1.4 Bidding Documents

1.4.1 Addenda

- Addenda, if issued, will be posted to the Iowa DOT"s website. All addendums must be acknowledged by bidders and included in the Bid Response.
- All addenda so issued shall become part of the contract documents.

1.4.2 Withdrawal Period

Prime Contractors, subcontractors and material suppliers on these projects agree to guarantee their proposal costs and work to be performed for a period of thirty (30) days after the date of receipt of bids.

Section 2 Administrative Information

2.1 Issuing Agent

The Issuing Agent, identified on the cover page is the sole point of contact regarding the RFB from the date of issuance until the notice of intent to award is issued (selection of the successful contractor).

2.2 Restriction on Communication

Bidders may contact the Issuing Agent only from the issue date of this RFB until the notice of intent to award is issued (announcement of the successful bidder).

The Issuing Agent will respond only to questions regarding the procurement process. Questions related to the interpretation of this RFB must be submitted in writing to the Issuing Agent by the end of business on March 13, 2015**.** Verbal questions related to the interpretation of this RFB will not be accepted. Contractors may be disqualified if they contact any state employee other than the Issuing Agent.

Exception: Contractors may contact the State Targeted Small Business Office on issues related to the preference for Targeted Small Businesses. See Section 2.32.

The Iowa DOT assumes no responsibility for representations concerning conditions made by its officers or employees prior to the execution of a contract, unless such representations are specifically incorporated into this RFB. Verbal discussions pertaining to modifications or clarifications of this RFB shall not be considered part of the RFB unless confirmed in writing. All such requests for clarification shall be submitted in writing. Any information provided by the Contractor verbally shall not be considered part of that Contractor's proposal. Only written communications from the Contractor and received by the Department shall be accepted.

With the exception of the written Bid Response which must be submitted by Contractors in accordance with Section 2 herein, communications between the Issuing Agent and Contractors may be conducted by regular prepaid US mail, courier service, e-mail or facsimile transmission.

2.3 Downloading the RFB from the Internet

All correspondence for this Bid Proposal will be posted on the Iowa DOT's website at **www.iowadot.gov/purchasing/lettingschedule.** **Bidders are required** to visit the Iowa DOT's home page periodically for any and all addendums or other pertinent information regarding this bid opportunity.

2.4 Procurement Timetable

The dates listed in the Procurement Timetable (on the page immediately following the RFB cover) are set forth for informational and planning purposes; the Iowa DOT reserves the right to change the dates. If a change is made to any of the deadlines for Contractor submission, the Iowa DOT will issue an addendum to the RFB. All times listed are Central Times.

2.5 Questions, Requests for Clarification, and Suggested Changes

Contractors are invited to submit written questions and requests for clarifications regarding the RFB and may also submit suggestions for changes to the requirements of this RFB. The questions, requests for clarifications or suggestions must be in writing and received by the Issuing Agent on or before the end of business on March 13, 2015. Oral questions will not be permitted. If the questions, requests for clarifications, or suggestions pertain to a specific section of the RFB must be referenced.

Written responses to questions, requests for clarifications or suggestions will be posted on the Iowa DOT's website. If the Iowa DOT decides to adopt a suggestion, the Iowa DOT will issue an addendum to the RFB.

Each bidder must inform themselves fully of the conditions relating to the proposal. Failure to do so will not relieve a successful bidder of their obligation to furnish all services required to carry out the provisions of his contract. Insofar, as possible, the Contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of, or interference with the work of any other contractor.

If a bidder discovers any significant ambiguity, error, conflict, discrepancy, omission, or other deficiency in this RFB, the bidder should immediately notify the Issuing Agent in writing of such error and request modification or clarification of the RFB document.

2.6 Revisions to Contractor Bid Response

Contractors who submit Bid Proposals in advance of the bid opening date may withdraw, modify, and resubmit Bid Proposals at any time until the bid opening date and time. Contractors must notify the Issuing Agent in writing if they wish to withdraw their Bid Response. A Contractor shall not withdraw its Bid Response or its prices prior to the end of the one hundred and eighty (180) day period immediately following the notice of intent to award a contract.

2.7 Submission of Bid Responses

The Iowa DOT must receive Bid Responses addressed to the Department of Transportation, Purchasing Section, 800 Lincoln Way, Ames, Iowa 50010 before the stated deadline of 1:00 PM on March 18, 2015. **This is a mandatory requirement and will not be waived by the Iowa DOT**. Any Bid Response received after this deadline will be rejected and returned unopened to the contractor.

Contractors mailing Bid Responses must allow ample mail delivery time to ensure receipt by the Iowa DOT on or before the due date. Postmarking by the due date will not substitute for actual receipt of the Bid Response.

Electronic mail and faxed Bid Responses will not be accepted.

Contractors must furnish all information necessary to evaluate the Bid Response. Bid Responses that fail to meet the mandatory requirements of the RFB will be disqualified. Verbal information provided by the Contractor shall not be considered part of the Contractor's Bid Response.

2.8 Bid Response Opening

The Iowa DOT will open Bid Responses at 1:00PM on March 18, 2015. Bid Responses will remain confidential until a bid tabulation has been posted on the Iowa DOT's website for all bidders to view the results in the form of "Intent to Award". See Iowa Code Section 72.3 for detailed information.

The names of the Contractors who submit compliant Bid Responses within the time frame permitted will be available for public review after the contract has been awarded.

2.9 Costs of Preparing the Bid Response

The costs of preparation and delivery of a Bid Response are solely the responsibility of the Contractor.

No payments shall be made by the State to cover costs incurred by any Contractor in the preparation of or the submission of this RFB or any other associated costs.

2.10 Reasonable Accommodations

Upon request the Iowa DOT will provide reasonable accommodations, including the provision of informational material in an alternative format, for individuals with disabilities. If accommodations are required at time of a bid opening, contact the Issuing Agent designated on the cover page.

2.11 Rejection of Bid Responses

The Iowa DOT reserves the right to reject any or all Bid Responses, in whole or in part, received in response to this RFB at any time prior to the execution of a written contract. Issuance of this RFB in no way constitutes a commitment by the Iowa DOT to award a contract. This RFB is designed to provide Contractors with the information necessary to prepare a competitive Bid Response. This RFB process is for the Iowa DOT benefit and is intended to provide the Iowa DOT with competitive information to assist in the selection of a Contractor to provide services.

It is not intended to be comprehensive and each Contractor is responsible for determining all factors necessary for submission of a comprehensive Bid Response.

The Iowa DOT reserves the right to negotiate the terms of the contract, including the award amount with the awarded Contractor prior to entering into a contract. If contract negotiations cannot be concluded successfully, the Iowa DOT reserves the right to negotiate a contract with the next lowest Bidder.

2.12 Disqualification

The Iowa DOT may reject outright and shall not evaluate proposals for any one of the following reasons:

2.12.1 The Contractor states that a requirement of the RFB cannot be met.

2.12.2 The Contractor's Bid Response materially changes a requirement of the RFB or the Bid Response is not compliant with the requirements of the RFB.

2.12.3 The Contractor's response limits the rights of the Iowa DOT.

2.12.4 The Contractor fails to include a *proposal guarantee*, also known as bid bond or bid security, *if required*. See Bid Response cover page and **Section 2.33.**

2.12.5 The Contractor fails to include any signature, certification, authorization, stipulation, disclosure or guarantee (if required).

2.12.6 The Contractor presents the information requested by this RFB in a format inconsistent with the instructions of the RFB or otherwise fails to comply with the requirements of this RFB.

2.12.7 The Contractor initiates unauthorized contact regarding the RFB with state employees.

2.12.8 The Contractor provides misleading or inaccurate responses.

2.12.9 The Contractor fails to attend the mandatory Contractors Conference or Pre-Bid meeting.

2.12.10 The Contractor's Bid Response is materially unbalanced.

2.12.11 There is insufficient evidence (including evidence submitted by the Contractor and evidence obtained by the Iowa DOT from other sources) to satisfy the Iowa DOT that the Contractor is a "Responsible Contractor".

2.12.12 The Contractor alters the Bid Proposal language in any way.

2.13 Nonmaterial and Material Variances

The Iowa DOT reserves the right to waive or permit cure of nonmaterial variances in the Bidder's Bid Response if, in the judgment of the Iowa DOT, it is in the Iowa DOT best interest to do so. Nonmaterial variances include minor informalities that do not affect responsiveness; that are merely a matter of form or format; that do not change the relative standing or otherwise prejudice other Contractors; that do not change the meaning or scope of the RFB; or that do not reflect a material change in the services. In the event the Iowa DOT waives or permits cure of nonmaterial variances, such waiver or cure will not modify the RFB requirements or excuse the Contractor from full compliance with RFB specifications or other contract requirements if the Contractor is awarded the contract. The determination of materiality is in the sole discretion of the Iowa DOT.

2.14 Reference Checks

The Iowa DOT reserves the right to contact any reference to assist in the evaluation of the Bid Response, to verify information contained in the Bid Response and to discuss the Contractor's qualifications and the qualifications of any subcontractor identified in the bidders Bid Response.

2.15 Information From Other Sources

The Iowa DOT reserves the right to obtain and consider information from other sources concerning a Contractor, such as the Contractor's capability and performance under other contracts, the qualifications of any subcontractor identified in the Contractor's Bid Response, specifically, the Contractor's financial stability, past or pending litigation, and publicly available information.

2.16 Verification of Bid Response Contents

The content of a Bid Response submitted by a Contractor is subject to verification. Misleading or inaccurate responses shall result in disqualification and rejection of the Bid Response.

2.17 Criminal History and Background Investigation

The Contractor hereby explicitly authorizes the Iowa DOT to conduct criminal history and/or other background investigation(s) of the Contractor, its officers, directors, shareholders, partners and managerial and supervisory personnel retained by the Contractor for the performance of the contract.

2.18 Bid Response Clarification Process

The Iowa DOT reserves the right to contact a Contractor after the submission of Bid Response for the purpose of clarification to ensure mutual understanding.

This contact may include written questions, interviews, site visits, a review of past performance if the Contractor has provided goods or services to the Iowa DOT or any other political subdivision wherever located, or requests for corrective pages in the Contractor's Bid Response. The Iowa DOT will not consider information received if the information materially alters the content of this Bid Proposal or alters the type of goods and services the Contractor is offering to the Iowa DOT. An individual authorized to legally bind the Contractor shall sign responses to any request for clarification. Responses shall be submitted to the Iowa DOT within the time specified in the Iowa DOT request. Failure to comply with requests for additional information may result in rejection of the Bid Response as non-compliant.

2.19 Disposition of Bid Responses

At the conclusion of the selection process, the contents of all Bid Responses will be in the public domain and be open to inspection by interested parties except for information for which Contractor properly requests confidential treatment or is subject to exceptions provided in Iowa Code Chapter 22 or other applicable law.

2.20 Public Records and Requests for Confidential Treatment

The Iowa DOT may treat all information submitted by a Contractor as public information following the conclusion of the Intent to Award. Iowa DOT release of information is governed by Iowa Code Chapter 22. Contractors are encouraged to familiarize themselves with chapter 22 before submitting a Bid Response. The Iowa DOT will copy and produce public records as required to comply with the public records laws.

2.21 Release of Claims

By submitting a Bid Response, the Contractor agrees that it will not bring any claim or cause of action against the Iowa DOT based on any misunderstanding concerning the information provided herein or concerning the Iowa DOT failure, negligent or otherwise, to provide the Contractor with pertinent information as intended by this RFB.

2.22 Award Notice and Acceptance Period

Notice of intent to award will be posted on the Iowa DOT's website at www.iowadot.gov/purchasing/bidaward Final negotiation and execution of the contract(s) shall be completed no later than thirty (30) days from the date of the Notice of Intent to Award or such other time as designated by the Iowa DOT.

If the successful Contractor fails to negotiate and deliver an executed contract by that date, the Iowa DOT in its sole discretion may cancel the award and award the contract to the next lowest bidder meeting the specifications.

2.23 No Contract Rights until Execution

The full execution of a written contract shall constitute the making of a contract for services and no Contractor shall acquire any legal or equitable rights relative to the contract services until the contract has been fully executed by the successful Contractor and the Iowa DOT.

2.24 Restrictions on Gifts and Activities

Iowa Code Chapter 68B restricts gifts which may be given or received by state employees and requires certain individuals to disclose information concerning their activities with state government. Contractors are responsible to determine the applicability of this Chapter to their activities and to comply with the requirements. In addition, pursuant to Iowa Code section 722.1, it is a felony offense to bribe or attempt to bribe a public official.

The laws of Iowa provide that it is a felony to offer, promise, or give anything of value or benefit to a state employee with the intent to influence that employee's acts, opinion, judgment or exercise of discretion with respect to that employee's duties. Evidence of violations of this statute will be submitted to the proper prosecuting attorney.

2.25 No Minimum Guaranteed

The Iowa DOT anticipates that the selected Contractor will provide services as requested by the Iowa DOT. The Iowa DOT will not guarantee any minimum compensation will be paid to the Contractor or any minimum usage of the Contractor's services.

2.26 Conflicts Between Terms

The Iowa DOT reserves the right to accept or reject any exception taken by the Contractor to the terms and conditions contained in this RFB. Should the Contractor take exception to the terms and conditions required by the Iowa DOT, the Contractor's exceptions may be rejected and the entire proposal declared nonresponsive. The Iowa DOT may elect to negotiate with the Contractor regarding contract terms that do not materially alter the substantive requirements of the request for proposals or the contents of the Contractor's Bid Response.

2.27 News Releases

No news releases or other materials pertaining to this procurement or any part of the proposal will be made available to the media or the public, the Contractor's clients or potential clients, without the prior written approval of the Iowa DOT.

2.28 Pre-Bid Conference

No Contractor's Pre-Bid Conference will be held in conjunction with this RFB.

2.29 Contractors Responsibilities

2.29.1 Codes, Laws and Regulations

The laws of the State of Iowa in relation to and pertaining to public improvements shall apply to these projects. All construction, materials and methods shall comply with the State and Local Building Codes and with Local Ordinances, except where plans and specifications establish a higher standard.

2.29.2 Licenses, Permits and Inspections

The Bidders shall comply with all codes, laws, ordinances, rules and regulations of any public authority having jurisdiction that bears on the performance of its work. Bidders shall pay for all licenses, permits and inspection fees required for its work. Bidders must furnish copies of all approved inspection certificates and approvals from authorities having jurisdiction in a timely fashion upon completion of the work.

2.30 Consideration of Bids

2.30.1 Rejection of Bids

- The Iowa DOT reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Iowa DOT that such bidder is properly qualified to carry out the obligations of the Contract and to complete the work contemplated therein.
- Conditional bids will not be accepted.

2.30.2 Qualification of Bidder

The Iowa DOT may make such investigations as they deem necessary to determine the ability of the Bidder to perform the required work, and the bidder shall furnish to the Iowa DOT all such information and data for this purpose as the Iowa DOT may request.

2.31 Performance and Payment Bonds

2.31.1 Bonds

If the contracted estimated value is $25,000 or more, the Bidder shall furnish bonds covering the faithful performance of 100% of the Contract and the payment of all obligations arising thereunder. One copy of the bond shall be submitted on Iowa Department of Transportation Form 131070. All items must be properly filled in, including Bidder's signature. Resident commission agent or attorney-in-fact must file a copy of the power of attorney.

2.31.2 Power of Attorney

Attorney-in-fact who signs the Proposal Guarantee, Performance Bond, and Labor and Material Payment Bond must file with each bond a certified and effectively dated copy of the Power of Attorney.

2.32 Labor Regulations

All Bidders, before entering into a contract with the Department, must be registered with the Division of Labor in the Iowa Department of Workforce Development (515-281-3606) according to chapter 91C, Code of Iowa 2003.

2.33 Proposal Guarantee

Each bid must be supported by a Proposal Guarantee in the sum indicated on the Bid Response cover page (if required). See Standard Terms and Conditions included in the Bid Proposal section.

Certified checks and credit union share drafts shall be certified, or the cashier's check shall be drawn and endorsed, in an amount not less than indicated in the Bid Proposal. If a proposal guarantee is submitted, it must be submitted on **Iowa DOT Form No. 131084 or bid will be rejected.**

The proposal guarantee from the qualified responsive low bidder will be retained until a contract is entered into and the required Bonds and Insurance Certificates are filed. All other bid securities will be returned after the award has been made.

Section 3 General Requirements

3.1 Scope of Work

Successful Bidder shall be required to provide all materials, labor, and equipment necessary for the or permanent erosion and sediment control – landscaping, for the relocation of the rest area in Polk County off I-35 at miles markers 100, 3 miles south of IA 210 (NB/SB). See Appendix A for complete specifications and details.

3.2 Adoption of General Conditions

3.2.1 The General Requirements of this Contract shall include the "General Conditions", "Plans and Specifications" and any and all requirements of this RFB, as herein stated.

3.2.2 "THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", A.I.A. FORM #A-201, LATEST EDITION AND A.I.A. DOCUMENT, "INSTRUCTIONS TO BIDDERS", FORM #A-701, LATEST EDITION, SHALL BE INCLUDED, AS MODIFIED IN THE "SUPPLEMENTARY INSTRUCTIONS TO BIDDERS" AND "SUPPLEMENTARY GENERAL CONDITIONS", AND BOUND WITH THE STANDARD FORM OF AGREEMENT BETWEEN THE CONTRACTOR AND OWNER", A.I.A. FORM #101, LATEST EDITION, AS A PART OF THIS CONTRACT SPECIFICATION.

3.2.3 All bidder information and conditions, bid check lists and similar documents included in the specifications issued by the Iowa DOT, Ames, Iowa are hereby made a part of the General Conditions.

3.2 Contractor Response

3.3.1 Guidelines

- Contractors shall comply with Iowa Occupational Safety and Health Standards as found in 29 CFR Parts 1910 and 1926. Of particular importance are those standards referring to the use of personal protective equipment (PPE), fall protection and ventilation.
- Contractor may be required to make available to the Iowa DOT all Material Safety Data Sheets (MSDS) for all products provided at the time the apparent low bidder is determined. MSDS shall be sent to the Issuing Agent (when applicable) prior to issuance of the contract.

3.3.2 Guarantee

The Contractor shall guarantee all work executed under this contract, both as the workmanship and materials, for a period of twelve (12) months after the substantial completion date. Neither the final payment nor any provision of the contract documents shall relieve the Contractor of responsibility for faulty materials or workmanship. The Contractor shall remedy any defect thereto and pay for any damage to other work resulting therefrom, which shall appear within a period of one (1) year from the date of the final acceptance. With one month remaining in the guarantee period, the Contractor shall notify the Iowa DOT and set up a complete walk-through inspection.

- All materials, items of equipment, and workmanship furnished under this division of the specifications shall carry the standard warranty against all defects in material and workmanship. Any fault due to defective or improper material, equipment, or workmanship which may develop, shall be made good, forthwith.
- The Guarantee shall include, but not be limited to the following elements and services:
    a. Repair or replace defective materials, equipment, workmanship and installation that develops within the guarantee period, promptly and to Iowa DOT's satisfaction and correct damage caused in making necessary repairs and replacements, including all other damage done to areas, materials, and other systems resulting from the failure or defect, under guarantee by and at the expense of the Contractor.
    b. Replace material or equipment that requires excessive service during guarantee period, as defined and as directed by the Iowa DOT.
    c. Make all service calls, replacements, repairs and adjustments during the guarantee period without cost to the Iowa DOT.

3.3.3 Workmanship

Work shall be performed in best, most workmanlike manner by Contractor personnel. Unsatisfactory work shall be replaced at Contractor's expense.

3.3.4 Shop Drawings and Samples *Not Applicable to this project*

- Shop drawings, specification data, and samples shall be submitted to the Iowa DOT for approval and/or selection prior to the placing of orders for any equipment and materials.
- Shop Drawings: Submit details of materials, systems and equipment to the Iowa DOT for review.
- Product Data: Submit manufacturer's product data to the Iowa DOT for approval, consisting of complete specifications, test report data, installation instructions, and other pertinent technical data required to complete product.
    a. Intent of Shop Drawings and Product Data review is to check for capacity, rating and certain construction features. Ensure that work meets requirements of Contract Documents regarding information that pertains to fabrication processes or means, methods, techniques, sequences and procedures of construction, and for coordination of work of this and other Sections.
    b. Perform work in accordance with submittals marked "No Exception Taken" to extent that they agree with Contract Documents. Submittal review shall not diminish responsibility under this Contract for dimensional coordination, quantities, installation, wiring, supports, access, service and errors, nor for deviations from requirements of Contract Documents. Requirements of Contract Documents are not limited, waived, nor superseded by Shop Drawing Review.
    c Submittals of various systems shall indicate equipment supplier used and that all equipment of particular system is being furnished by same supplier. Supplier shall be qualified to

supervise installation, connection and testing of system and have competent maintenance service for respective systems.

d. Shop Drawings and samples will be reviewed with reasonable promptness and will be stamped indicating appropriate action as follows:

1) **"No Exception Taken"** means that fabrication, manufacture, or construction may proceed providing submittal complies with Contract Documents.

2) **"Make Corrections Noted"** means that fabrication, manufacture, or construction may proceed providing submittal complies with Engineer's notation and Contract Documents. If, for any reason, notations cannot be complied with, resubmit as described for submittals stamped **"Reject".**

3) **"Revise and Resubmit"** means submittal information is incomplete or ambiguous and therefore clarification or additional information is required to ascertain compliance with the contract documents, and that fabrication, manufacture or construction shall not proceed. Provide additional data required by the contract documents and resubmit.

4) **"Reject"** means that submittal does not comply with Contract Documents and that fabrication, manufacture, or construction shall not proceed. Resubmit in accordance with requirements of Contract Documents.

3.3.5 Use of Premises

- All Contractors shall confine all apparatus, storage of materials and construction to areas as directed by the Iowa DOT and shall not encumber the premises with materials.
- Notwithstanding any approvals or instructions which must be obtained by the Contractors from the Iowa DOT in connection with use of premises, the responsibility for the safe working conditions at the site shall remain that of the Contractors.

3.3.6 Cutting and Patching

Similarly, each Contractor shall perform all necessary patching that result from cutting of holes. The Prime Contractor shall resolve any conflict between trades, and it will be the Contractor's responsibility to see all patches are made.

3.3.7 Clean-Up

Throughout the period of construction, the Contractor shall clean up all work and yard areas and keep the area reasonably free of debris, etc., as required for proper protection of the work. Prior to final acceptance, the Contractor shall remove all debris, tools and equipment from the project site.

3.3.8 Inspection and Supervision

- All work shall be according to the approved design and shall be under the direct supervision of the Iowa DOT.
- Periodic site inspections will be carried on by the Iowa DOT with the Contractor to ensure coordination of the project.

- The Iowa DOT will provide a list of items requiring inspection prior to or during installation. The Contractor is to give the Iowa DOT notice no less than 24 hours in advance of installation.
- The Iowa DOT contact shall be: Steve McMenamin, 515-239-1680.

3.3.9 Contractors Construction Schedule

The Successful Bidder will, at the pre-construction meeting, submit a detailed construction schedule including dates of commencement and completion on each phase of the proposed construction. Upon acceptance of the schedule, the Contractor will be expected to adhere to these dates as proposed.

3.3.10 Verifying Work of Other Contractors

- When a Contractor's work depends on proper execution of work by other contractors, such Contractor shall promptly report to the Iowa DOT project lead any defects in such work and/or discrepancies between executed work plans, drawings or specifications.
- Contractors shall employ such methods and means in carrying out work as will not cause interruption or interference with any other Contractor. General Contractors shall give other Contractors sufficient notice to permit installation of sleeves, piping, conduit, and other items, prior to placing concrete or laying masonry. Any Contractor failing to comply with above shall be responsible for expense caused by such failure.

3.4 Sub-Contractors

- Specific attention shall be given by the Contractor to Article 5 of the A.I.A. Document A-201, "The General Conditions of the Contract for Construction".
- The Successful Bidder for the project shall furnish the Iowa DOT with a complete list of subcontractors, schedule of values, and major material suppliers at the pre-construction meeting.
- The Iowa DOT shall maintain the list of subcontractors and major suppliers and issue a general approval of same after official award of the contract, subject to the specific requirements of the Plans, Specifications and the "General Conditions of the Contract, and of these supplementary Conditions," “Special Provisions,” and elsewhere with contract documents, as applicable. Deviations from the list of subcontractors and material suppliers shall be made only with the specific approval of, or at the request of the Iowa DOT.

3.5 Protection of Persons and Property

3.5.1 Safety and Health Regulations

The Contractor, serving in the role of the employer for the project, shall exercise at all times the protection of all persons and property. Contractor shall comply with all requirements of the Occupational Safety and Health Act of 1970, Iowa Bureau of Labor and all applicable state and municipal laws, as well as building and construction codes. It is the Contractor's responsibility to enforce all regulations that apply to these projects.

3.5.2 Protection of Site

The Contractor shall furnish all permanent and temporary guards, signs, fencing, shoring, and underpinning and other protection necessary in the performance of the contract and for the necessary protection of all public and

private property and shall be responsible for any damage caused by failure to comply with this requirement.

- After building operations are completed, the Contractor shall replace or satisfactorily repair all damaged walks or pavements which shall have become damaged due to operations of these projects.
- The Contractor shall take care of all underground pipes, conduits, etc., encountered in the excavations, and protect same from damage until such time as they can be permanently disposed of.
- The Contractor shall continuously maintain adequate protection of all work from damage and shall protect the Owner's property and adjacent property from damage arising in connection with this contract.

3.6 Miscellaneous Provisions

3.6.1 Iowa State Building Code

- All construction under this section shall conform to the requirements of the Iowa State Building Code. The provisions of the Iowa State Building Code will be strictly adhered to, and will take precedence over any local Governmental Body Regulations. Work not regulated by the Iowa State Building Code shall be performed in accordance with local Governmental Body Regulations.

- All construction shall conform to the Standard Specifications for Highway and Bridge Construction, Series 2012 where applicable.

3.6.2 Discriminatory Practices

- All Contractors or subcontractors working under the terms of these projects are prohibited from engaging in discriminatory employment practices as forbidden by the Iowa Civil Rights Act of 1965. These provisions shall be fully enforced, as directed through Executive Order Number 34 dated July 22, 1988. Any breach of the provisions contained in the Iowa Civil Rights Acts of 1965 shall be regarded as a material breach of contract.

- Bidder agrees that if awarded a contract to construct and/or remodel any portion of the project described in these Specifications, neither the Contractor nor any subcontractors will engage in any discriminatory employment practices based on race, color, creed, religion of natural origin and that they will in all contracts comply with all statutes of the State of Iowa against discrimination. Failure to do so could be deemed a material breach of contract.

3.7 Contractors Responsibilities

3.7.1 Site Visit

- It is recommended, but not required, that prospective bidders on these projects shall visit the job site prior to submitting a quotation. It is also recommended that prospective bidders visit a similar completed project.
- No considerations or revision in the contract price or scope of the project

will be considered by the Iowa DOT for any item which could have been revealed by a thorough on-site inspection and examination.

3.7.2 Conditions of Work

Bidders must inform themselves fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve successful bidders of their obligation to furnish all material and labor necessary to carry out the provisions of this contract. Insofar as possible, the Contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of, or interference with the work of any other Contractor.

3.7.3 Obligation

- At the time of the bid opening, each bidder will be presumed to have read and become thoroughly familiar with the drawings, specifications, and other contract documents, including all addenda.

- Bidders are responsible for the proper submission of bids. An omission by a bidder to examine a form, instrument, or document shall in no way relieve that bidder from any obligation in respect to their bid.

3.8 Bid Proposal Documents

3.8.1 Plans and Specifications

- Electronic Plans and specifications are available on the Iowa DOT's website, www.iowadot.gov/purchasing. The Bidder is responsible for all copies of plans and specifications necessary for the execution of the work.
- In the event of a conflict between the specifications and the drawings, the specifications shall take precedence.

3.8.2 Materials and Equipment

- Manufacturers and products, in addition to those specifically listed, may be acceptable when it is proven to the satisfaction of the Iowa DOT that:
    a. The level of quality proposed is equal to or better than that of the referenced manufacturer/Bidder's quality.
    b. The technical characteristics of the proposed product meet or exceed the requirements of the drawings and specifications.
    c. The use of the materials or equipment does not require major revisions of the drawings and specifications to permit their use.
- Any additional cost in other work incurred as a result of these approvals shall be borne by the Contractor, including all costs for modifying other related materials/systems and the cost of any additional engineering or design fees required to accommodate the substitution/approval.
- Contractors must be confident that a proposed product or material meets or exceeds the requirements shown on the drawings and specifications. It will be the responsibility of the Contractor to verify and demonstrate that a proposed product meets or exceed the drawings and specifications at time of shop drawing reviews. If a proposed product or material is determined to be technically unacceptable as judged by the Iowa DOT, the Contractor shall be required to supply products or materials that meet the requirements stated in the drawings and specifications at no cost increase to the Iowa DOT. Under no circumstances will the Iowa DOT be required

to prove that proposed substitutions is not equal to the project requirements. The decision of the Iowa DOT on all requested proposals/substitutions is final.

3.8.3 Alternates or Exceptions- alternates or exceptions must be evaluated prior to the letting date listed in this proposal.

Section 4 Contract Terms & Conditions

4.1 Contract Award

Award will be based on the total lump sum amount of bid price shown on the Schedule of Prices. The DOT will award to the lowest, most responsive, responsible bidder. The Iowa DOT reserves the right to accept the bid(s) which best serves the interest of the State.

Bid price will include all requirements listed in Section 3 to complete this proposed project. The Prime Contractor shall be responsible for taking all sub-bids and for all coordination between trades.

A "Prime" contract shall be awarded for each project for all work shown on the Drawings and described in the Specifications including Site work, General construction, Demolition, Plumbing, Mechanical, Energy management and control and Electrical work. The Prime Contractor shall be responsible for taking all sub-bids and for all coordination between trades.

Protests of award recommendations shall be made in accordance with Paragraph 761--20.4(6)"e", Iowa Administrative Code.

4.2 Contract Period

The date of completion shall be stated in calendar days on the Bidder's Bid Response, and if necessary, adjusted by mutual agreement between the Iowa DOT and successful bidder prior to executing the contract documents.

The Iowa DOT realizes that deliveries and site conditions have a definite bearing on the completion date. The Iowa DOT will demand diligence in the prosecution of the work, but with good cause and satisfactory past performance by the Contractor, the Iowa DOT may revise the completion date to another mutually-acceptable date, when requested in writing and in good faith by the Contractor.

4.3 Liquidated Damages

Time is an essential component of the contract, and it is important that the work be to completed on or before the dates listed on the proposal. For each calendar day that any work shall remain uncompleted beyond the <u>substantial completion date</u> and beyond the <u>final completion date</u> or any extension granted under Extension of Contract Period, the amount per calendar day specified in the Bid Response cover page will be assessed, not as a penalty but as predetermined and agreed upon liquidated damages. If work remains uncompleted on more than one portion for which calendar days and liquidated damages have been specified, the liquidated damages assessed will be the total of the damages per day listed for each uncompleted portion. The Iowa DOT shall prepare and forward to the Contractor an invoice or credit change order for such liquidated damages. The final payment shall be withheld until payment of the invoice has been made or the credit change order has been agreed upon.

Assessment of liquidated damages will be based only on the number of calendar

days required to complete the contract beyond the contract completion date, plus authorized extensions.

The provision for the assessment of liquidated damages for failure to complete work within the contract period does not constitute a waiver of the Iowa DOT's right to collect any additional damages other than time delays, which the Iowa DOT may sustain by the failure of the Contractor to carry out the terms of the contract.

4.4 Immunity of Iowa Department of Transportation

The Contractor shall defend, indemnify and hold harmless the Iowa DOT and its officials and employees from liability arising out of or resulting from the Contractor's activities at the designated work site, its performance or attempted performance of the contract, as well as the Contractor's activities with Sub-Contractors and all other third parties.

4.5 Payments and Completion of Contract

4.5.1 Payments on contract will be made monthly by means of state warrants to the extent of ninety-seven percent (97%) of the value of work performed, including acceptable material stored at the building site, as determined by the Contractor as governed by the Iowa DOT Standard Specifications for Highway and Bridges Construction, Series 2012 and General Supplemental Specifications.

4.5.2 At the Pre-Bid Conference, the contractor shall submit a schedule of values of the various parts of the work, aggregating the total sum of the contract, made out in such form as the Iowa DOT may direct and, if required, supported by evidence as to its correctness. This schedule, when approved by the Iowa DOT, shall be used as a basis for requests for payment.

4.5.3 Final payment shall be authorized not later than thirty (60) days following the completion and final acceptance of the contract, provided that the provisions herein and all other contract requirements have been fulfilled, accepted and approved, where no claims have been filed or following adjudication or release of claims as provided in Chapter 573 of the Code of Iowa.

4.5.4 No notification of payment being processed, no payment made to the Contractor, no partial payment, nor the entire use or occupancy of the work by the Iowa DOT shall be held to constitute an acceptance, in whole or in part, by the Iowa DOT prior to making the final payment and acceptance in full completion of the contract.

4.6 Insurance Requirements

Contractor's Insurance

- It shall be the Contractor's responsibility to have liability insurance covering all of the project operations incident to contract completion and the Contractor(s) must have on file with the Contracting Authority a current "Certificate of Insurance" prior to award of contract. The certificate shall identify the insurance company firm name and address, contractor firm name, policy period, type of policy, limits of coverage, and scope of work covered (single contract or statewide). This requirement shall apply with equal force, whether the work is performed by persons employed directly by the Contractor(s) including a subcontractor, persons employed by a subcontractor(s), or by an independent contractor(s).

- In addition to the above, the Iowa DOT shall be included as an insured party, or a separate owner's protective policy shall be filed showing the Iowa DOT as an insured party.

- The liability insurance shall be written by an insurance company (or companies) qualified to do business in Iowa. For independent contractors engaged solely in the transportation of materials, the minimum coverage provided by such insurance shall be not less than that required by Chapter 325A, Code of Iowa, for such truck operators or contract carriers as defined therein. For all other contractors, subcontractors, independent contractors, and the Contracting Authority, the minimum coverage by such insurance shall be as follows:

    - *Comprehensive General Liability* including Contractual Liability;
    - Contingent Liability; Explosion, Collapse and Underground Drainage
    - Damage; Occurrence Basis Bodily Injury: Broad Form Personal Injury; Broad Form Property Damage.

Bodily Injury

The contractor will purchase and maintain throughout the term of this contract the follow minimum limits and coverage:

- Each person $750,000
- Each accident/occurrence $750,000
- Workers Compensation $750,000
- Statutory Limits $750,000
- Employer's liability $750,000
- Occupation Disease $750,000

Operations

- Property Damage $250,000 each occurrence

Builders Risk Insurance

- Each Contractor holding a valid contract with the Iowa DOT shall furnish and pay for builder's risk insurance, providing coverage for at least the following losses: fire, extended coverage, vandalism and malicious damage to materials incorporated in the project, and materials purchased to be incorporated in the project, either stored on or off the permanent job site. If this insurance coverage is not provided, the Contractor shall assume all responsibility for the perils outlined above which may occur prior to project completion and acceptance.
- Failure on the part of the Contractor(s) to comply with the requirements of this Article will be considered sufficient cause to suspend the work, withhold estimates, and to deny the Contractor(s) any further contract awards, as provided in Article 1103.01.
- The Contractor(s) shall require all subcontractor(s) meet the above insurance requirements.

The Certificate of Insurance must include the following

- Iowa Department of Transportation must be listed as an additional insured
- Proposal Number
- Proposal Description
- Letting Date
- Contract Period

4.7 Public Contract Termination

The provisions of Iowa law as contained in Chapter 573A of the Code of Iowa, an Act to provide for termination of contracts for the construction of public improvements when construction or work thereon is stopped because of national emergency, shall apply to and be a part of this Contract, and shall be binding upon all parties hereto, including sub-contractors and sureties upon any bond given or filed in connection herewith.

Polk County
Rest Area Relocation 3 miles S. of IA 210 (NB/SB)
Permanent Erosion and Sediment Control-Landscaping

Project Number: IMN-035-4(215)100--0E-77

PIN 08-77-035-030

Plans Issued: 2/12/2015

SHEET INDEX

1.1 General Information
1.2 Root Bag Planting Specifications
1.3 Cost Estimate Sheet
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2.9 Northbound
2.10 Planting Details

The Iowa Department of Transportation STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, SERIES 2012, plus applicable General Supplemental Specifications, Developmental Specifications, Supplemental Specifications AND Special Provisions shall apply to construction work on this contract.

GENERAL INFORMATION

The work detailed in these drawings is the landscaping and permanent erosion control measures for the newly constructed rest areas adjacent I 35 3 miles S. of IA 210 (NB/SB). The bids submitted for this project shall be one lump sum bid for all work listed. The winning bidder shall submit a schedule of values after the award including quantity and price for each bid item separately for the northbound and southbound rest areas. Iowa DOT staff will stake the plant and erosion control material locations. Winning bidders and all subcontractors representatives are required to attend a preconstruction meeting to be scheduled after the winning bidder is determined.

Permanent seeding will be performed by others. Close coordination by all contractors and subcontractors is required to ensure the timely installation of all materials. Erosion control contractors and subcontractors shall be given no less than twenty four hours' notice of seeding operations. Erosion control materials are to be installed immediately after seeding of each area is complete. Close coordination of work between seeding and erosion control contractors is required. Trees and shrubs are to be installed as detailed on page 2.10.

2105-8425011 TOPSOIL, SPREAD
Included for hauling and shaping of material for filling silt basins, eroded ditches and eroded slopes that require ditch and slope reshaping. Material is stockpiled in adjacent to project.

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2125-2225050 RESHAPING DITCHES
Includes reshaping of ditches to improve drainage. Wet conditions will require appropriate equipment to expedite the work. Refer to details of ditch preparation. Excess material shall be removed and disposed of by the contractor off the project.

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2507-3250005 ENGINEERING FABRIC
Engineering fabric shall be material as specified for embankment erosion control, Article 4196.01 B 3. Material shall be measured in sq. yds. of actual area covered. Refer to details.

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2507-6800061 REVETMENT, CLASS E
For construction of rock structures. The excavation, shaping and hauling of excess material to provide a uniform flow line in the center of the ditch shall be incidental to this work. No additional compensation will be allowed.

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2528-8445110 TRAFFIC CONTROL
Traffic control must be completed according to the following Standard Road Plans:
TC-1 Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202 Shoulder Closure (One Lane)
TC-402 Shoulder Closure (Multi-Lane)
TC-416 Partial Lane Closure on Ramps

TC-418 Lane Closure on Divided Highway
TC-420 Lane Closure at Ramps

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2533-4980005 MOBILIZATION

- - -

2601-2633100 MOWING

Estimate based on four mowings of all seeded areas in 2015 and one mowing in May 2016. Areas inaccessible to field equipment shall be cut with appropriate hand equipment and kept current with the mowing of adjacent areas. Mowings shall take place when the vegetation is between 12 and 18 inches tall and mowed between four and eight inches in height.

- - -

2601-2634100 MULCHING

Mulching per Article 2601.03, E, 2. Anchor mulch into the soil using mulch anchoring equipment with a minimum of two passes. Included for areas requiring reshaping and seedbed preparation. Mulch shall be Certified Noxious Weed Seed Free Mulch as certified by the Iowa Crop Improvement Association or adjacent states Crop Improvement Associations. Mulch Rate: 1 1/2 tons of dry cereal straw or native grass straw per acre.

- - -

2601-2638352 SLOPE PROTECTION, WOOD EXCELSIOR MAT

Wood excelsior mat will be required for this project as described in Article 4169.10, C, 1.
Straw mat will not be accepted.

Full seedbed preparation shall be required prior to seeding and fertilizing under the wood excelsior mat.

- - -

2601-2638900 SLOPE RESHAPING

Included for reshaping eroded slopes under slope protection mat.

- - -

2601-2640350 SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT

Prepare seedbed according to Article 2601.03, B 4 and install according to Article 2601.03, H, 2 and seed according to Table 2601.03-7.

- - -

2601-2643110 WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION

Estimate based on four waterings of the Special Ditch Control, and Slope Protection at a rate of 50 gallons per square.

The contractor shall water the required areas no later than the day following placement of the Special Ditch Control or Slope Protection. If the Contractor fails to water by the second day following placement, a price adjustment will be assessed at a rate of $200.00 per calendar day until the watering has been completed.

Additional waterings will be required at intervals of 5 to 8 calendar days. Perform all waterings unless notified by the Engineer in writing at least 1 calendar day prior to the day the watering is to occur. If the Contractor fails to complete the watering before the 8th calendar day has elapsed a price adjustment will be assessed at a rate of $200.00 per calendar day, beginning on the 9th day, until the watering is completed.

- - -

2602-0000020 SILT FENCE

Included for installing new silt fence as directed by the Engineer.

- - -

2602-0000030 SILT FENCE FOR DITCH CHECKS
Included for installing new silt fence ditch checks as directed by the Engineer.

- - -

2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS
Includes removal of existing silt fence, silt fence ditch checks, and posts. All material shall become the property of the contractor. Silt fence shall be cut off at the ground line and special care shall be taken not disturbed any existing vegetation. Any disturbed areas will be seeded with the same seed mix that is immediately adjacent to the disturbed areas. Seed shall be incidental to this item.

- - -

2602-0000101 MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK
Estimated at 10% of the silt fence quantity.

This item is for clean-out and repair of the silt fence.

- - -

2602-0000312 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.
Verify the specific locations with the Engineer prior to beginning placement.
Bid item is to be used as ditch checks once Special Ditch Control and TRM is placed.

Perimeter and Slope Sediment Control Devices will be required to be constructed out of wood excelsior.

- - -

22602-0000320 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.
Item is included for temporary perimeter sediment control, inlet protection, and water velocity reduction on slopes or ditches at locations to be determined during construction. Verify specific locations with the Engineer prior to beginning placement.

Perimeter and Slope Sediment Control Devices will be required to be constructed out of wood excelsior.

- - -

2602-0000350 REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE
Included for removal of perimeter and sediment control devices. All material shall become the property of the contractor and removed from the project within 24 hours.

- - -

2612-0000520 ROADSIDE SPRAY FOR WEED CONTROL
Furnish and apply aminopyralid herbicide as spot weed control throughout the project area.

Use hand equipment to target herbicide to thistle species, and if directed by the Engineer, to other weed species.

The Engineer will issue a Notice to Proceed to begin each spraying. The Contractor will be charged working days, beginning with the 3rd working day after notification to start spraying until the spraying is complete.

LOCATION:
The Engineer will designate spray locations. In order to not exceed the herbicide's maximum annual use rate, combined applications may not exceed 100% of the seeded area per 360 days.

APPLICATION:
Apply in early September of 2015, early May of 2016, and early September of 2016.

Use aminopyralid herbicide at a rate of 2.8 oz. per acre active ingredient (for example, for a 40.6% active ingredient product, apply at 7 oz. per acre).

Use a surfactant according to label directions.

Coordinate the herbicide applications with the Mowing bid item so there is at least 8 inches of re-growth on Canada thistle following mowing, and at least 14 calendar days prior to the next mowing. The Engineer will verify evidence of the specified herbicide effects to the treated areas 10 to 14 calendar days after application.

Method of Measurement:
The quantity of Roadside Spray for Weed Control for which payment is made will be the acres displaying a complete visual herbicide control response to the target weed.

Basis of Payment:
For the number of acres of Roadside Spray for Weed Control designated by the Engineer, the Contractor will be paid contract unit price based on the measured area displaying a complete visual herbicide control response.

\- - -

PLANT LOCATIONS

The Contractor shall dig planting wells for individual trees (not in planting groups) adjacent to the flags located by the Contracting Authority. The Contractor shall preserve the labeled flags next to the proposed plant until after the final fall inspection. See Construction Survey bid item reference note for locating plants within the planting groups.

2611-0000100 SHRUBS, FURNISHED AND INSTALLED (WITH WARRANTY)

Tree bid item reference note applies to the shrub item.

2611-0000200 TREES, FURNISHED AND INSTALLED (WITH WARRANTY)

Furnish and install plants in the spring of 2015 according to the Standard Specifications. All Plants shall be graded according to the American Standard for Nursery Stock. All replacement costs shall Be the contractor's responsibility. See "Planting Quantities Listing" tab.

MULCH

Contractor shall furnish and apply mulch to all areas planted with trees and shrubs. Mulching depth shall be 3 inches. An air space shall be maintained at the base of the tree trunk. Mulching width for proposed individual trees shall be a 10' diameter circle, with the plant centered in the circle. Additional mulch not required the second year.

HERBICIDE

Contractor shall apply herbicide to the mulch. In 2015, apply chemical no later than 7 days after mulch application, but after a 0.5 inch rainfall or watering has settled the soil around the plant roots, leaving no cracks. In 2016, apply to mulch within the last week in March and the first week in April.
Contractor shall use the following herbicide and the rates according to product label directions:
Oryzalin 2.4 lbs. ai/acre. (For example, Surflan AS 40.4% at 3 qt./acre.) Contractor shall take care not to apply herbicide to tree or shrub foliage, not to the buds of the trees and shrubs during the spring bud-break.

Staking, guying, herbicide and other related activities shall not be measured for compensation.

For all herbicide applications, the following provisions shall apply.

1. Follow all laws, rules and regulations related to the handling of pesticides, including but not limited to:

    a. Follow all herbicide label directions, restrictions, and precautions.

    b. The company responsible for the herbicide applicator must be licensed with Iowa Department of Agriculture and Land Stewardship (IDALS) as a commercial pesticide applicator company.

    c. The person applying the herbicide must be certified through IDALS as a pesticide applicator in Category 6, Right-of-Way. For herbicide applications that require an aquatic certification, the applicator must also be certified as a pesticide applicator in Category 5, Aquatics.

    d. Use herbicide and adjuvant products labeled for the application site:

        i. For applications on the primary highway right-of-way, use only products labeled for use on highway rights-of-way or roadsides.

        ii. For applications to or over water, use only products labeled for corresponding use in aquatic sites, unless intermittent pockets of standing water, such as tire ruts, and the product is labeled for such use.

        iii. For applications to areas in the water conveyance portion of the ditch that do not contain water at the time of application, use only products labeled for non-irrigation ditch banks or aquatic sites.

    e. Do not apply any herbicide to or over standing or flowing water unless required coverage is obtained under a National Pollutant Discharge and Elimination System (NPDES) Pesticide

Discharge Permit through Iowa DNR. If standing or flowing water is encountered in areas when they need to be sprayed, notify Iowa DOT (Roadside Development) to determine if submittal of a Notice of Intent (NOI) is required.

2. Schedule work according to weather conditions and take measures to avoid off-target damage, such as runoff, leaching, drift and volatilization.

a. Do not spray herbicide 24 hours prior to forecast precipitation that is expected to cause significant runoff conditions.

b. For areas with saturated soil, such as ditch bottoms, do not spray herbicide 24 hours prior to forecast precipitation, unless using products labeled for aquatic sites.

c. For conventional applications, avoid applications when wind speed exceeds 10 mph. For invert applications, avoid applications when wind speed exceeds 15 mph.

d. For conventional foliar applications, use a drift retardant and maintain drift control throughout the application period by adding more to the tank as it breaks down from agitation.

e. Avoid spraying volatile products when temperatures are forecast to exceed 85° F within 3 days.

f. Check the IDALS Sensitive Crops Directory and do not spray adjacent to a listed operation when wind is blowing towards it.

3. Respond to allegations of any off-target damage attributed to handling and spraying of herbicide.

4. Provide the following documents to the Engineer for approval not less than 2 weeks prior to the application.

a. A copy of the herbicide and adjuvant labels, including any applicable supplemental labels. b. A copy of the herbicide and adjuvant Material Safety Data Sheets (MSDS.)

5. Have copies of the herbicide and adjuvant labels and MSDSs on-hand and at locations of storage, transport, and application.

6. Schedule work to maximize efficiency of the herbicide application in relation to weather conditions and plant growth stage. Follow any label recommendations given as "for best results."

a. For weed applications:

i. To determine if weeds are "actively growing," use as a guideline that there needs to have been at least 1 hour of temperature above 65° F and 1 hour of sun in the day prior to, of, or forecast before a rain the day after the application.

ii. For spring applications to thistles, apply after basal leaves of Canada thistles are fully extended, and after rosettes of musk thistle are at least 8 inches diameter, but before flower stage.

iii. For fall applications to thistles, apply prior to the second hard freeze of 28° F, unless otherwise listed in the label directions.

b. For tree and brush applications:

i. For foliar applications and cut stump/surface applications with water-soluble products, apply after leaves are fully opened in the spring and prior to leaf discoloration in the fall.

ii. For cut stump applications with oil soluble products, do not apply during periods of heavy sap flow. Use as a guideline that heavy sap flow occurs in late winter to early spring when nighttime temperatures below 32° F are followed by daytime temperatures above 32° F with sunny conditions. iii. For cut stump and basal bark applications, add sufficient dye so that treated areas are visible to inspection 7 days after application.

7. Notify the Engineer prior to calibrating, mixing and applying herbicides, including incidental items.

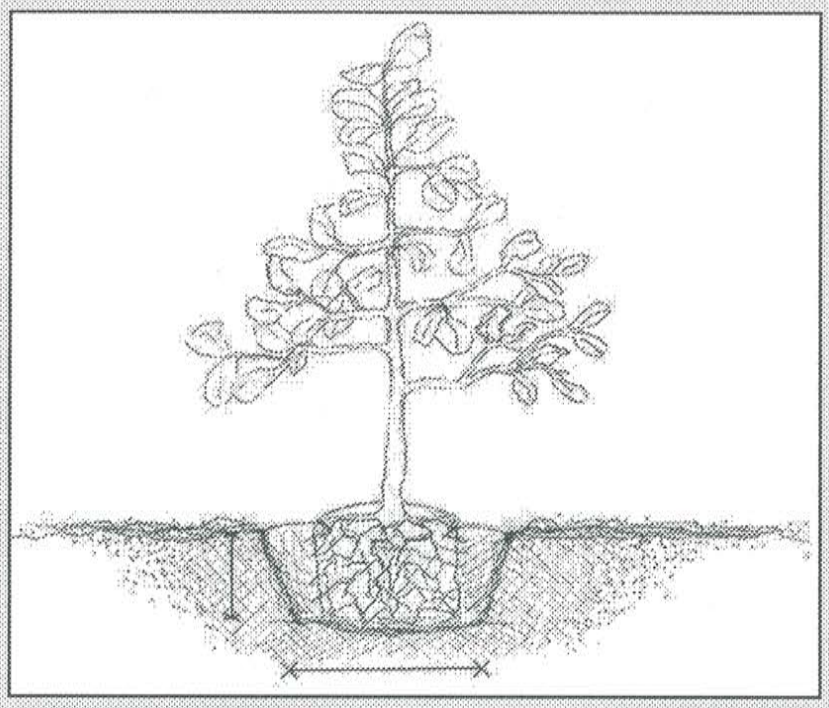
8. Provide copies of daily spray logs to the RCE at the end of each week of spraying (form provided by Iowa DOT).

9. If Contractor does not complete spray item on schedule, the Engineer may adjust the schedule.

EMERALD ASH BORER

Dispose of all wood material generated as a result of clearing and/or grubbing according to the Iowa Department of Agriculture and Land Stewardship's Emerald Ash Borer (EAB)Quarantine Order. For more information refer to http://www.iowatreepests.com/eab_regulations.html.

Root-bag Planting Specs



Hole width should be about 1 foot wider than the ball and 10" to 12" deep. If you are planting with a auger, the 30" is a suitable size.

- The planting of root-bag material requires that ALL ball covering material be removed from the ball before planting. This includes the removal of all rope, burlap, nylon bag and "cap" (white nylon on the bottom of the ball).

- If the root-flare is not visible at the soils surface then a light shaving of the soil from the top of the ball is needed. This is done by using a shovel to remove the top inch or so of soil with a very light hand.

- When the tree (or shrub) is placed in the hole, the top of the ball should rest 1 to 2 inches above the surface of the surrounding soil before the hole is filled. The ball will settle down into the hole on its own. This is to prevent it from being planted too deep.

- Mulch should be spread around the tree (or shrub) in a ring that is 3 feet in diameter and 2 to 3 inches deep. Be sure that the mulch is evenly spread and avoid donuts and volcanos. We recommend coarse mulch or wood chips, they work best and are usually easiest to find.

- Watering is essential. After the plant is in the ground it should be watered in, about 5 gallons; do this twice. After that, water 10-15 gallons twice a week for every week we don't get an inch of rain. Do this over the next 8 to 12 weeks during the growing season.

1.2

Polk County
Rest Area Relocation 3 miles S. of IA 210 (NB/SB)
IMN-035-4(215)100--0E-77
PIN 08-77-035-030

			Southbound				Northbound				Northbound and Southbound			
1	2125-2225050	RESHAPING DITCHES	STA	30			STA	30			STA	60		
2	2507-3250005	ENGINEERING FABRIC	SY	120			SY	120			SY	240		
3	2507-6800061	REVETMENT, CLASS E	TON	48			TON	48			TON	96		
4	2507-8029000	EROSION STONE	TON	24			TON	24			TON	48		
5	2533-4980005	MOBILIZATION	LS	0.5			LS	0.5			LS	1		
7	2601-2634100	MULCHING	ACRE	4			ACRE	4			ACRE	8		
9	2601-2638352	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	520			SQ	520			SQ	1040		
10	2601-2638900	SLOPE RESHAPING	SQ	500			SQ	500			SQ	1000		
11	2601-2640350	SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	SQ	2,130.00			SQ	1,036.00			SQ	3166		
12	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	MGAL	140			MGAL	140			MGAL	280		
14	2602-0000020	SILT FENCE	LF	200			LF	200			LF	400		
15	2602-0000030	SILT FENCE FOR DITCH CHECKS	LF	200			LF	200			LF	400		
16	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	5,000.00			LF	5,000.00			LF	10000		
17	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	40			LF	40			LF	80		
18	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	1000			LF	1000			LF	2000		
19	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	1000			LF	1000			LF	2000		
20	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	1,000.00			LF	1,000.00			LF	2000		
22	2101-0850001	CLEARING AND GRUBBING	ACRE	0			ACRE	1			ACRE	1		
23	2105-8425011	TOP SOIL SPREAD	CY	100			CY	100			CY	200		
24	2528-8445110	TRAFFIC CONTROL	LS	0.5			LS	0.5			LS	1		
25	2611-0000200	TREES FURNISHED AND INSTALLED (WITH WARRANTY)	EA	133			EA	164			EA	297		
26	2611-0000100	SHRUBS FURNISHED AND INSTALLED (WITH WARRANTY)	EA	408			EA	0			EA	408		
					COST ESTIMATE				COST ESTIMATE				COST ESTIMATE	

1.3 Estimate Sheet

POLLUTION PREVENTION PLAN

This Base Pollution Prevention Plan (PPP) includes information on Roles and Responsibilities, Project Site Description, Controls, Maintenance Procedures, Inspection Requirements, Non-Storm Water Controls, Potential Sources of Off Right-of-Way Pollution, and Definitions. This plan references other documents rather than repeating the information contained in the documents. A copy of this Base Pollution Prevention Plan, amended as needed per plan revisions or by contract modification, will be readily available for review.

All contractors shall conduct their operations in a manner that controls pollutants, minimizes erosion, and prevents sediments from entering waters of the state and leaving the highway right-of-way. The prime contractor shall be responsible for compliance and implementation of the PPP for their entire contract. This responsibility shall be further shared with subcontractors whose work is a source of potential pollution as defined in this PPP.

I. ROLES AND RESPONSIBILITES

A. Designer:

1. Prepares Base PPP included in the project plan.
2. Prepares Notice of Intent (NOI) submitted to Iowa DNR.
3. Signature authority on the Base PPP and NOI.

B. Contractor/Subcontractor:

1. Affected contractors/subcontractors are co-permittees with the IDOT and will sign a certification statement adhering to the requirements of the NPDES permit and this PPP plan. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
2. Submit a detailed schedule according to Article 2602 of the Specifications and any additional plan notes.
3. Install and maintain appropriate controls.
4. Supervise and implement good housekeeping practices.
5. Conduct joint required inspections of the site with inspection staff.
6. Signature authority on Co-Permittee Certification Statements and storm water inspection reports.

C. RCE/Inspector:

1. Update PPP whenever there is a change in design, construction, operation or maintenance, which has a significant effect on the discharge of pollutants from the project.
2. Maintain an up-to-date list that identifies contractors and subcontractors as co-permittees.
3. Make these plans available to the DNR upon their request.
4. Conduct joint required inspections of the site with the contractor/subcontractor.
5. Complete an inspection report after each inspection.
6. Signature authority on storm water inspection reports and Notice of Discontinuation (NOD).

II. PROJECT SITE DESCRIPTION

A. This Pollution Prevention Plan (PPP) is for the construction of the North and South Bound Rest Areas along I-35 in Sections 7 and 18, Township 81, and Range 23.

B. This PPP covers approximately 105.5 acres with an estimated 84.85 acres being disturbed. The portion of the PPP covered by this contract has 84.85 acres disturbed.

C. The PPP is located in an area of Clarion, Nicollet, and Webster soil associations. The estimated average SCS runoff curve number for this PPP after completion will be 74.

D. Storm Water Site Map – Multiple sources of information comprise the base storm water site map including:

1. Drainage patterns – Plan and Profile sheets and Situation plans.
2. Proposed Slopes – Cross Sections.
3. Areas of Soil Disturbance – construction limits shown on Plan and Profile sheets.
4. Location of Structural Controls – Tabulations on C sheets.
5. Locations of Non-structural Controls – Tabulations on C sheets.
6. Locations of Stabilization Practices – generally within construction limits shown on Plan and Profile sheets.
7. Surface Waters (including wetlands) – Plan and Profile sheets.
8. Locations where storm water is discharged – Plan and Profile sheets.

E. The base site map is amended by contract modifications and progress payments of completed erosion control work.

F. Runoff from this work will flow into the existing roadway ditches, farm waterways, White Oak Creek, and the South Skunk River.

III. CONTROLS

A. The contractor's work plan and sequence of operations specified in Article 2602.03 for accomplishment of storm water controls should clearly describe the intended sequence of major activities and for each activity define the control measure and the timing during the construction process that the measure will be implemented.

B. Preserve vegetation in areas not needed for construction.

C. Section 2601 and 2602 of the Standard Specifications define requirements to implement erosion and sediment control measures. Actual quantities used may vary from the Base PPP and amendment of the plan will be documented via fieldbook entries or by contract modification. Additional erosion and sediment control items may be required as determined by the inspector and/or contractor during storm water monitoring inspections. If the work involved is not applicable to any contract items, the work will be paid for according to Article 1109.03 paragraph B.

1. EROSION AND SEDIMENT CONTROLS

a. Stabilization Practices

1) Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized.
2) Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.
3) Temporary stabilizing seeding shall be completed as the disturbed areas are constructed. If construction activity is not planned to occur in a disturbed area for at least 21 days, the area shall be stabilized by temporary seeding or mulching within 14 days. Other stabilizing methods shall be used outside the seeding time period.
4) Stabilization measures to be used for this project are located in the Estimated Project Quantities (100-1A) and Estimate Reference Information (100-4A) located on the C sheets of the plan. Additional items may be found in the Inspector's Daily Reports (IDR) or Contract Modifications.

POLLUTION PREVENTION PLAN

b. Structural Practices

1) Structural practices will be implemented to divert flows from exposed soils and detain or otherwise limit runoff and the discharge of pollutants from exposed areas of the site.
2) Structural items to be used for this project are located in the Estimated Project Quantities (100-1A) and Estimate Reference Information (100-4A) located on the C sheets of the plan, as well as all other item specific Tabulations. Typical drawings detailing construction of the devices to be used on this project can be found on the B sheets of the plan or are referenced in the Standard Road Plans Tabulation.

c. Storm Water Management

1) Measures shall be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

2. OTHER CONTROLS

a. Contractor disposal of unused construction materials and construction material wastes shall comply with applicable state and local waste disposal, sanitary sewer, or septic system regulations. In the event of a conflict with other governmental laws, rules and regulations, the more restrictive laws, rules or regulations shall apply.

1) Vehicle Entrances and Exits – Construct and maintain entrances and exits to prevent tracking of sediments onto roadways.
2) Material Delivery, Storage and Use – Implement practices to prevent discharge of construction materials during delivery, storage, and use.
3) Stockpile Management – Install controls to reduce or eliminate pollution of storm water from stockpiles of soil and paving.
4) Waste Disposal – Do not discharge any materials, including building materials, into waters of the state, except as authorized by a Section 404 permit.
5) Spill Prevention and Control – Implement procedures to contain and clean-up spills and prevent material discharges to the storm drain system and waters of the state.
6) Concrete Residuals and Washout Wastes – Designate temporary concrete washout facilities for rinsing out concrete trucks. Provide directions to truck drivers where designated washout facilities are located.
7) Vehicle and Equipment Cleaning – Employ washing practices that prevent contamination of surface and ground water from wash water.
8) Vehicle and Equipment Fueling and Maintenance – Perform on site fueling and maintenance in accordance with all environment laws such as proper storage of onside fuels and proper disposal of used engine oil or other fluids on site.
9) Litter Management – Ensure employees properly dispose of litter.

3. APPROVED STATE OR LOCAL PLANS

During the course of this construction, it is possible that situations will arise where unknown materials will be encountered. When such situations are encountered, they will be handled according to all federal, state, and local regulations in effect at the time.

IV. MAINTENANCE PROCEDURES

The contractor is required to maintain all temporary erosion and sediment control measures in proper working order, including cleaning, repairing, or replacing them throughout the contract period. This shall begin when the features have lost 50% of their capacity.

V. INSPECTION REQUIREMENTS

A. Inspections shall be made jointly by the contractor and the contracting authority at least once every seven calendar days. Storm water monitoring inspections will include:

1. Date of the inspection.
2. Summary of the scope of the inspection.
3. Name and qualifications of the personnel making the inspection.
4. Rainfall amount.
5. Review erosion and sediment control measures within disturbed areas for the effectiveness in preventing impacts to receiving waters.
6. Major observations related to the implementation of the PPP.
7. Identify corrective actions required to maintain or modify erosion and sediment control measures.

B. Include storm water monitoring inspection reports in the Amended PPP. Incorporate any additional erosion and sediment control measures determined as a result of the inspection. Immediately begin corrective actions on all deficiencies found and complete all actions within 3 calendar days of the inspection.

VI. NON-STORM WATER DISCHARGES

This includes subsurface drains (i.e. longitudinal and standard subdrains) and slope drains. The velocity of the discharge from these features may be controlled by the use of patio blocks, Class A stone, erosion stone or other appropriate materials.

VII. POTENTIAL SOURCES OF OFF RIGHT-OF-WAY (ROW) POLLUTION

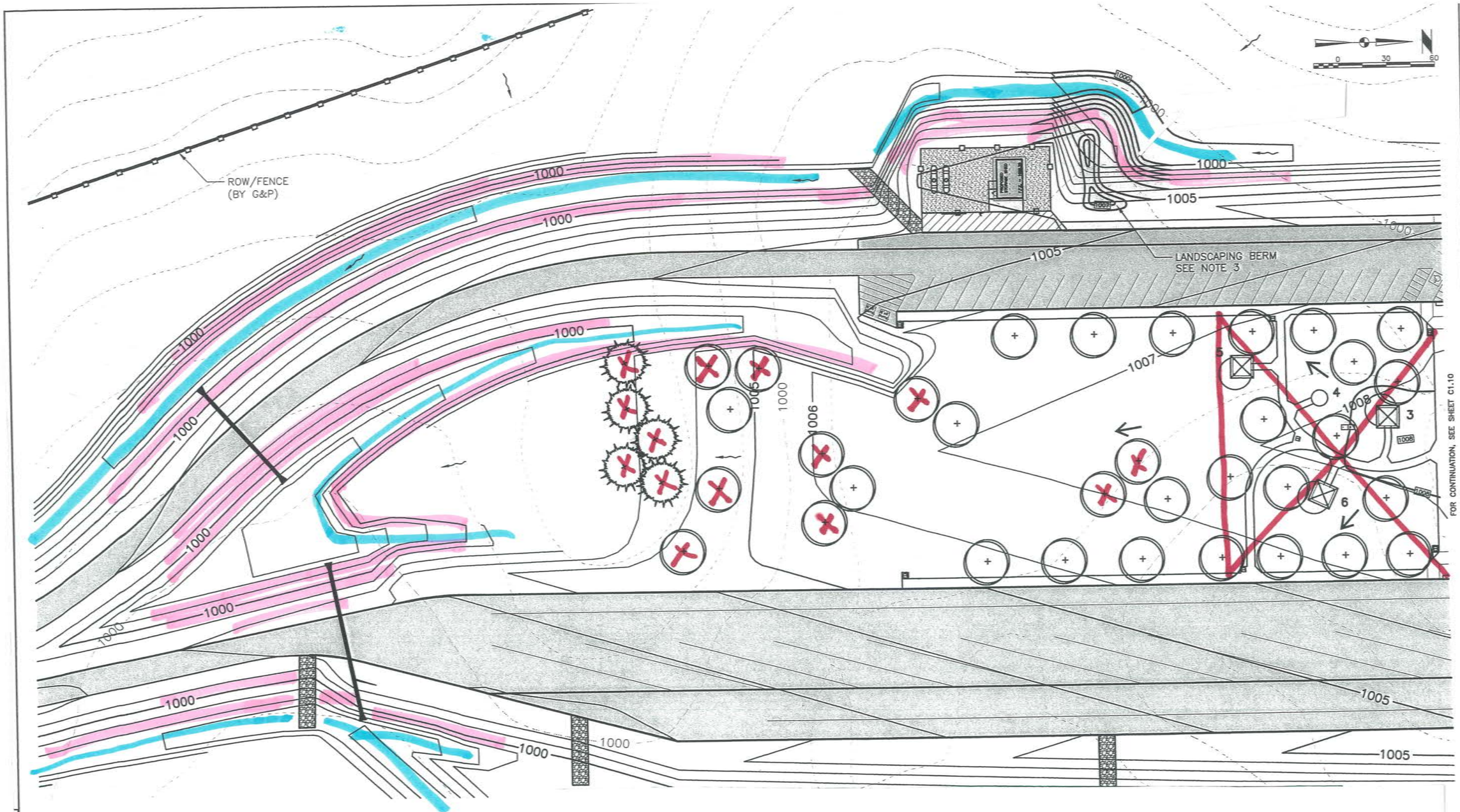
Silts, sediment, and other forms of pollution may be transported onto highway right-of-way (ROW) as a result of a storm event. Potential sources of pollution located outside highway ROW are beyond the control of this PPP. Pollution within highway ROW will be conveyed and controlled per this PPP.

VIII. DEFINITIONS

A. Base PPP – Initial Pollution Prevention Plan.
B. Amended PPP – May include Plan Revisions or Contract Modifications for new items and fieldbook entries made by the inspector.
C. IDR – Inspector's Daily Report – this contains the inspector's daily diary and item postings.
D. Controls – Methods, practices, or measures to minimize or prevent erosion, control sedimentation, control storm water, or minimize contaminants from other types of waste or materials.
E. Signature Authority – Representative from Designer, Contractor/Subcontractor, or RCE/Inspector authorized to sign various storm water documents.

IMN-035-4(215)100--03-77

1.4



X - removed from plan

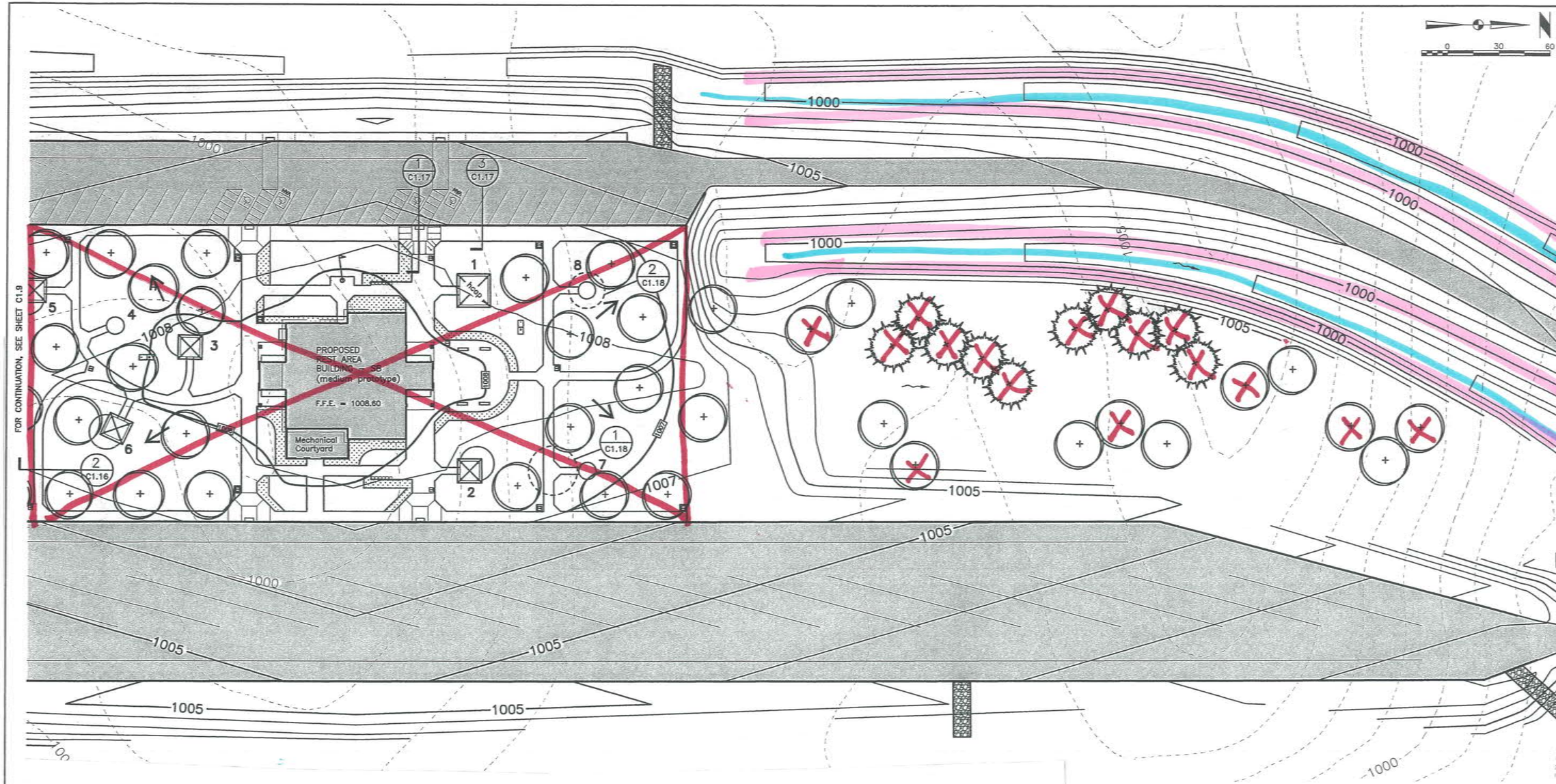
Slope Protection

Special Ditch Control

Erosion Control

INTERSTATE 35 REST AREA - SOUTHBOUND
2012
POLK COUNTY, IOWA
IOWA DEPARTMENT OF TRANSPORTATION
I.D.O.T. PROJ. NO. IMN-035-4(215)100--0E-77

2.0



NOTES:

1. FOR LANDSCAPING & TREE DETAILS, SEE SHEET 2.10

Slope Protection

Special Ditch Control

X - Deleted from plan

Erosion Control

INTERSTATE 35 REST AREA - SOUTHBOUND
2012
POLK COUNTY, IOWA
IOWA DEPARTMENT OF TRANSPORTATION
I.D.O.T. PROJ. NO. IMN-035-4(215)10--0E-77

2.1

PLANTING SCHEDULE (SHEET C2.0)

TREES

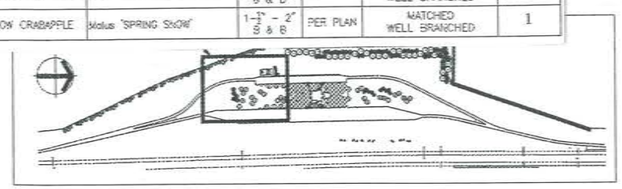
CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
BO	Bur Oak	Quercus macrocarpa	2" Caliper 8'-10' Height Minimum 18" Root bag	PER PLAN	MATCHED WELL BRANCHED	4
~~AM~~	~~AUTUMN BLAZE MAPLE~~	~~ACER x freemanii 'JEFFERSRED'~~	~~2 – 2½" B & B~~	~~PER PLAN~~	~~MATCHED WELL BRANCHED~~	~~9~~
~~BS~~	~~BLACK HILLS SPRUCE~~	~~Picea glauca densata~~	~~5' – 6' B & B~~	~~PER PLAN~~	~~MATCHED WELL BRANCHED~~	~~5~~
GL	GREENSPIRE LINDEN	TILIA cordata 'GREENSPIRE'	2 – 2½" B & B	PER PLAN	MATCHED WELL BRANCHED	6
~~HB~~	~~HACKBERRY~~	~~Celtis occidentalis~~	~~2 – 2½" B & B~~	~~PER PLAN~~	~~MATCHED WELL BRANCHED~~	~~1~~
~~OM~~	~~OCTOBER GLORY MAPLE~~	~~Acer rubrum 'OCTOBER GLORY'~~	~~2 – 2½" B & B~~	~~PER PLAN~~	~~MATCHED WELL BRANCHED~~	~~1~~
TA	TECHNY ARBORVITAE	Thuja occidentalis 'TECHNY'	4'-5' HT.	PER PLAN	MATCHED WELL BRANCHED	5
~~SG~~	~~SILVER MAPLE~~	~~Acer saccharinum~~	~~2 – 2½" B & B~~	~~PER PLAN~~	~~MATCHED WELL BRANCHED~~	~~3~~
SS	SPRING SNOW CRABAPPLE	Malus 'SPRING SNOW'	1-½" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	1

SHRUBS / PERENNIALS

CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
AC	AMERICAN CRANBERRYBUSH	Viburnum trilobum	5 GAL	PER PLAN	MATCHED WELL BRANCHED	9

LANDSCAPE NOTES:

1. ALL MASS PLANTING AREAS TO RECEIVE ~~LANDSCAPE FABRIC AND~~ CEDAR MULCH PER PROJECT SPECIFICATIONS UNLESS NOTED OTHERWISE ON LANDSCAPE PLAN.
2. ALL NEW INDIVIDUAL TREE PLANTINGS SHALL RECEIVE 4" OF CEDAR MULCH AT A MINIMUM OF 3' DIAMETER AROUND BASE OF TRUNK.
3. ALL DISTURBED AREAS NOT CALLED OUT FOR SOD OR LANDSCAPING SHALL BE SEEDED PER PROJECT SPECIFICATIONS.
4. ALL NEW TREES/EVERGREENS SHALL BE STAKED PER DETAILS ON SHEET 2.10
5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS PER DETAIL SPC-5010 ON SHEET 2.10



Landscape

ASI NO. 6
08-20-14
FRA/YCA

INTERSTATE 35 REST AREA - SOUTHBOUND
POLK COUNTY, IOWA
2012
I.D.O.T. PROJ. NO. IMN-035-4(215)100--0E-77

2.2

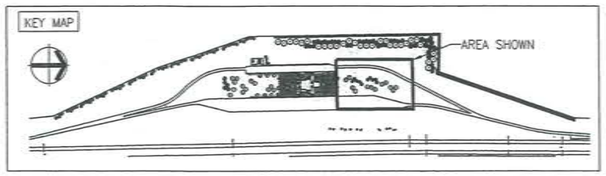
PLANTING SCHEDULE (SHEET C2.2)

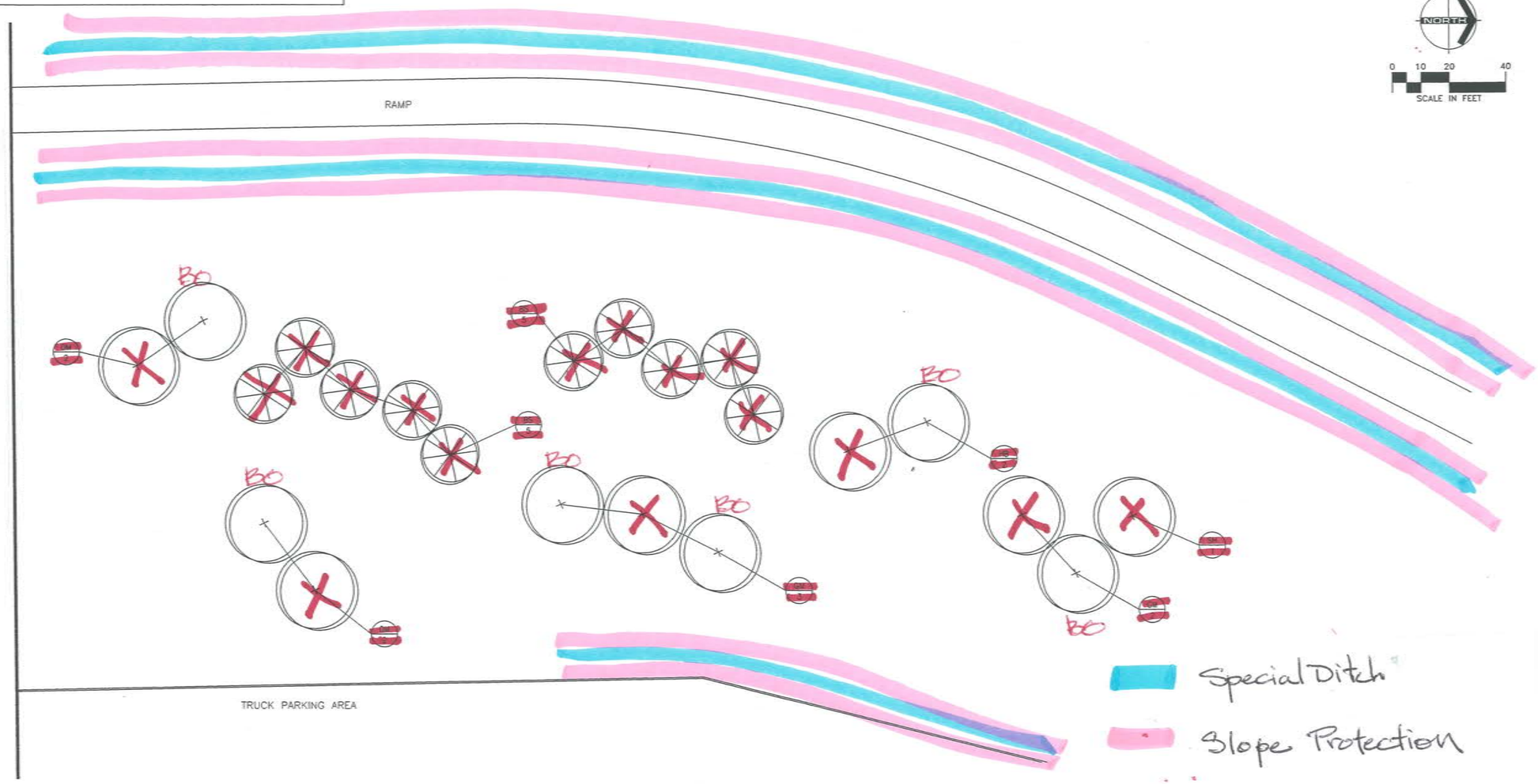
TREES

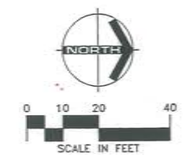
CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
BO	Bur Oak	Quercus macrocarpa	2" Caliper 8'-10' Height Minimum 18" Root bag	PER PLAN	MATCHED WELL BRANCHED	6

LANDSCAPE NOTES:

1. ALL MASS PLANTING AREAS TO RECEIVE ~~LANDSCAPE FABRIC AND~~ CEDAR MULCH PER PROJECT SPECIFICATIONS UNLESS NOTED OTHERWISE ON LANDSCAPE PLAN.
2. ALL NEW INDIVIDUAL TREE AND EVERGREEN PLANTINGS SHALL RECEIVE 4" OF CEDAR MULCH AT A MINIMUM OF 3' DIAMETER AROUND BASE OF TRUNK.
3. ALL DISTURBED AREAS NOT CALLED OUT FOR SOD OR LANDSCAPIN SHALL BE SEEDED PER PROJECT SPECIFICATIONS.
4. ALL NEW TREES/EVERGREENS SHALL BE STAKED PER DETAILS ON SHEET 2.10
5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS P DETAIL SPC-5010 ON SHEET 2.10







Landscape and Erosion Control

INTERSTATE 35 REST AREA - SOUTHBOUND
POLK COUNTY, IOWA 2012
IOWA DEPARTMENT OF TRANSPORTATION
I.D.O.T. PROJ. NO. MN-035-4(215) 100--DE-77

2.3

PLANTING SCHEDULE (SEE SHEET C2.3)

TREES/EVERGREENS

CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
BS	BLACK HILLS SPRUCE	Picea glovea censata	5' – 6' HT. B & B	PER PLAN	MATCHED WELL BRANCHED	11
HB	HACKBERRY	Celtis occidentalis	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	5
CH	THORNLESS COCKSPUR HAWTHORNE	Crataegus crus-gallivar. inermis	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	19
SM	SUGAR MAPLE	Acer saccharum	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	4
SO	SWAMP WHITE OAK	Quercus bicolor	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	4
WP	WHITE PINE	Pinus alba	5' – 6' HT. B & B	PER PLAN	MATCHED WELL BRANCHED	2
PC	PRAIRIEFIRE CRABAPPLE	Malus "PRAIRIEFIRE"	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	9
SB	AUTUMN BRILLIANCE SERVICEBERRY	Amelanchier x grandiflora "AUTUMN BRILLIANCE"	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	17
SS	SPRING SNOW CRABAPPLE	Malus "SPRING SNOW"	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	9

SHRUBS / PERENNIALS

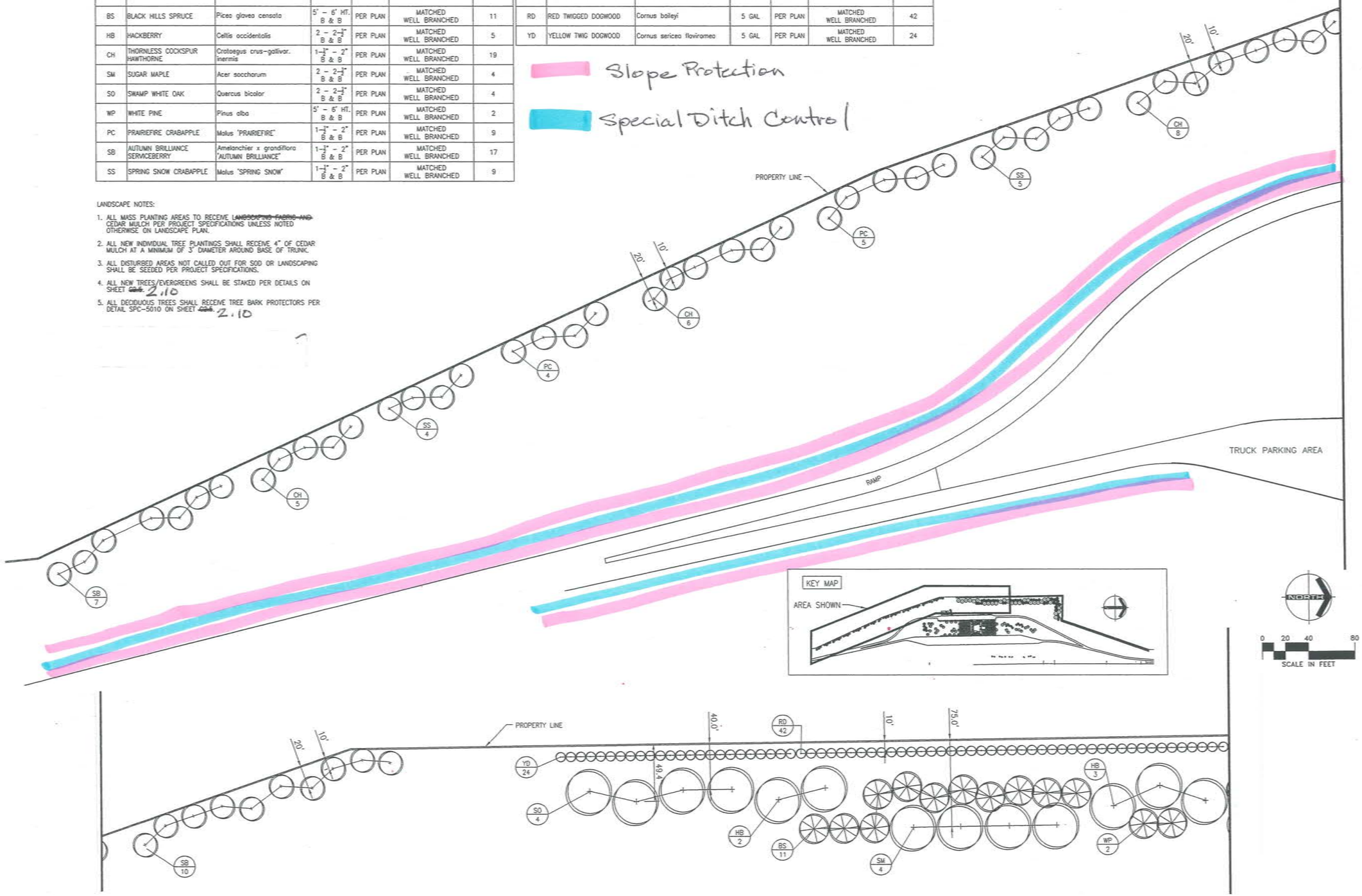
CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
RD	RED TWIGGED DOGWOOD	Cornus baileyi	5 GAL	PER PLAN	MATCHED WELL BRANCHED	42
YD	YELLOW TWIG DOGWOOD	Cornus sericea flaviramea	5 GAL	PER PLAN	MATCHED WELL BRANCHED	24

Slope Protection

Special Ditch Control

LANDSCAPE NOTES:

1. ALL MASS PLANTING AREAS TO RECEIVE ~~LANDSCAPING FABRIC AND~~ CEDAR MULCH PER PROJECT SPECIFICATIONS UNLESS NOTED OTHERWISE ON LANDSCAPE PLAN.
2. ALL NEW INDIVIDUAL TREE PLANTINGS SHALL RECEIVE 4" OF CEDAR MULCH AT A MINIMUM OF 3' DIAMETER AROUND BASE OF TRUNK.
3. ALL DISTURBED AREAS NOT CALLED OUT FOR SOD OR LANDSCAPING SHALL BE SEEDED PER PROJECT SPECIFICATIONS.
4. ALL NEW TREES/EVERGREENS SHALL BE STAKED PER DETAILS ON SHEET ~~C2.6~~ 2.10
5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS PER DETAIL SPC-5010 ON SHEET ~~C2.6~~ 2.10



Landscape and Erosion Control

INTERSTATE 35 REST AREA - SOUTHBOUND
POLK COUNTY, IOWA
2012
IOWA DEPARTMENT OF TRANSPORTATION

I.D.O.T. PROJ. NO. IMN-035-4(215)100--03-77

2.4

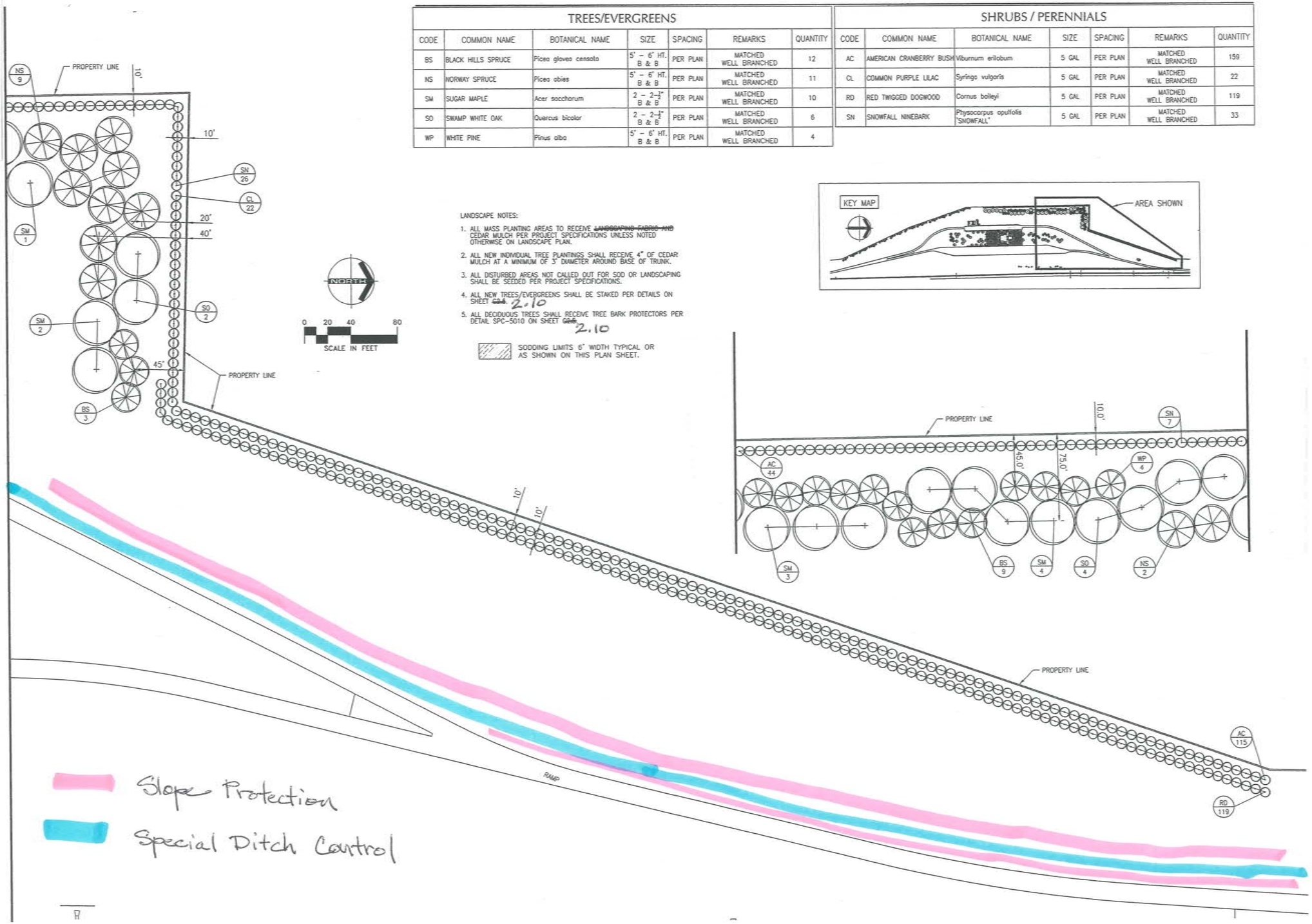
PLANTING SCHEDULE (SEE SHEET C2.4)

TREES/EVERGREENS

CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
BS	BLACK HILLS SPRUCE	Picea glauca censata	5' – 6' HT. B & B	PER PLAN	MATCHED WELL BRANCHED	12
NS	NORWAY SPRUCE	Picea abies	5' – 6' HT. B & B	PER PLAN	MATCHED WELL BRANCHED	11
SM	SUGAR MAPLE	Acer sacchorum	2 – 2-½" B & B	PER PLAN	MATCHED WELL BRANCHED	10
SO	SWAMP WHITE OAK	Quercus bicolor	2 – 2-½" B & B	PER PLAN	MATCHED WELL BRANCHED	6
WP	WHITE PINE	Pinus alba	5' – 6' HT. B & B	PER PLAN	MATCHED WELL BRANCHED	4

SHRUBS / PERENNIALS

CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
AC	AMERICAN CRANBERRY BUSH	Viburnum erilobum	5 GAL	PER PLAN	MATCHED WELL BRANCHED	159
CL	COMMON PURPLE LILAC	Syringa vulgaris	5 GAL	PER PLAN	MATCHED WELL BRANCHED	22
RD	RED TWIGGED DOGWOOD	Cornus baileyi	5 GAL	PER PLAN	MATCHED WELL BRANCHED	119
SN	SNOWFALL NINEBARK	Physocarpus opulifolis "SNOWFALL"	5 GAL	PER PLAN	MATCHED WELL BRANCHED	33



LANDSCAPE NOTES:

1. ALL MASS PLANTING AREAS TO RECEIVE ~~LANDSCAPING FABRIC AND~~ CEDAR MULCH PER PROJECT SPECIFICATIONS UNLESS NOTED OTHERWISE ON LANDSCAPE PLAN.
2. ALL NEW INDIVIDUAL TREE PLANTINGS SHALL RECEIVE 4" OF CEDAR MULCH AT A MINIMUM OF 3' DIAMETER AROUND BASE OF TRUNK.
3. ALL DISTURBED AREAS NOT CALLED OUT FOR SOD OR LANDSCAPING SHALL BE SEEDED PER PROJECT SPECIFICATIONS.
4. ALL NEW TREES/EVERGREENS SHALL BE STAKED PER DETAILS ON SHEET ~~C2.6~~. 2.10
5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS PER DETAIL SPC-5010 ON SHEET ~~C2.6~~. 2.10

SODDING LIMITS 6' WIDTH TYPICAL OR AS SHOWN ON THIS PLAN SHEET.

Landscape and Erosion Control

INTERSTATE 35 REST AREA - SOUTHBOUND
2012
POLK COUNTY, IOWA
IOWA DEPARTMENT OF TRANSPORTATION
I.D.O.T. PROJ. NO. IMN-035-4(215)100--0E-77

2.5

PLANTING SCHEDULE (SEE SHEET C2.0)

CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
BO	Bur Oak	Quercus macrocarpa	2" Caliper 8'-10' Height Minimum 18" Root bag	PER PLAN	MATCHED WELL BRANCHED	8

LANDSCAPE NOTES:

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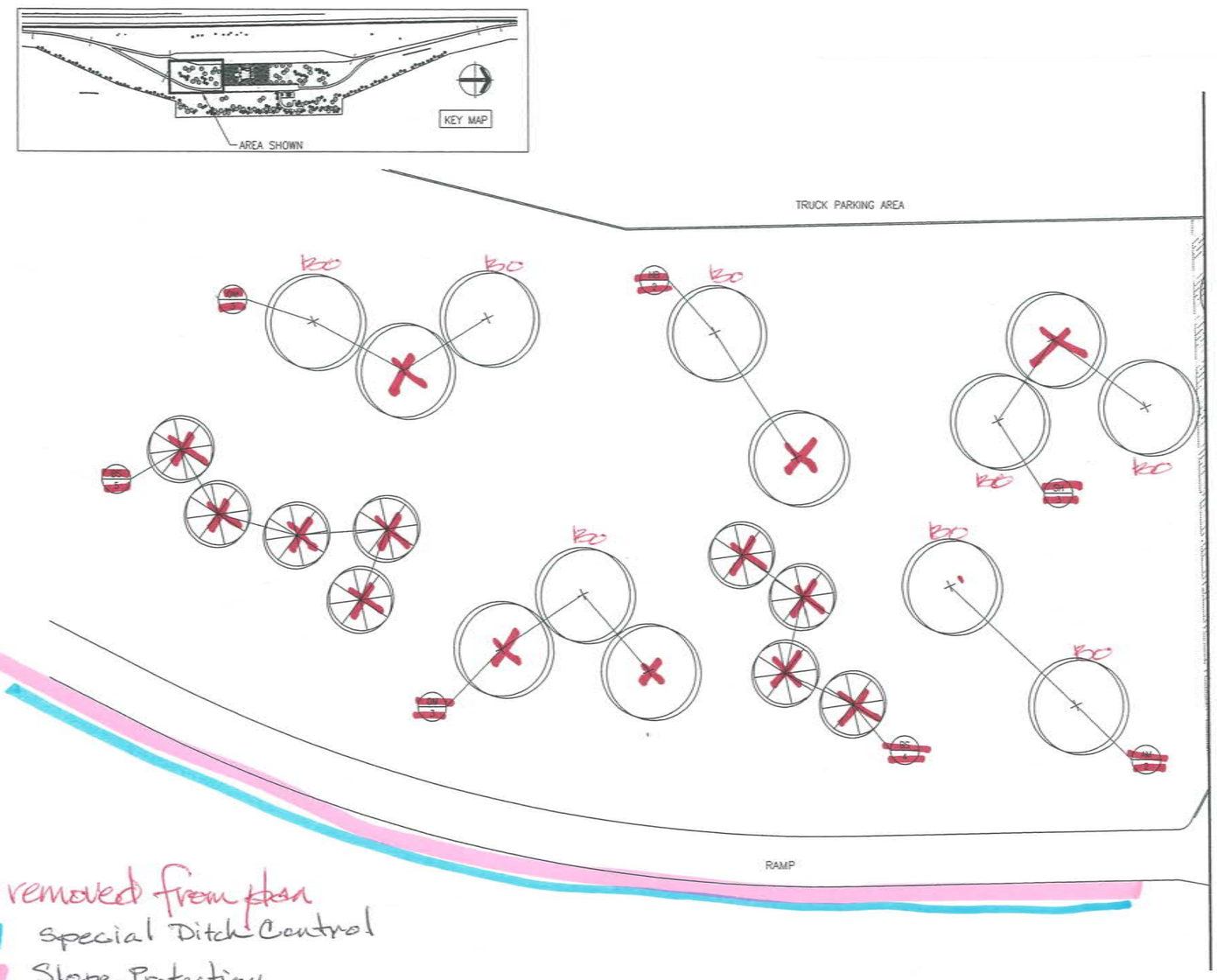
4. ALL NEW TREE/EVERGREEN PLANTINGS SHALL BE STAKED PER DETAILS ON SHEET ~~[illegible]~~ 2.10.
5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS PER DETAIL SPC-5010 ON SHEET ~~[illegible]~~ 2.10



Landscape and Erosion Control

INTERSTATE 35 REST AREA - NORTHBOUND
POLK COUNTY, IOWA
2012
IOWA DEPARTMENT OF TRANSPORTATION
I.D.O.T. PROJ. NO. IMN-035-4(216)100--0E-77

2.6

PLANTING SCHEDULE (SHEET C2.2)

TREES

CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
BO	Bur Oak	Quercus macrocarpa	2" Caliper 8'-10' Height Minimum 18" Root bag	PER PLAN	MATCHED WELL BRANCHED	6

LANDSCAPE NOTES:

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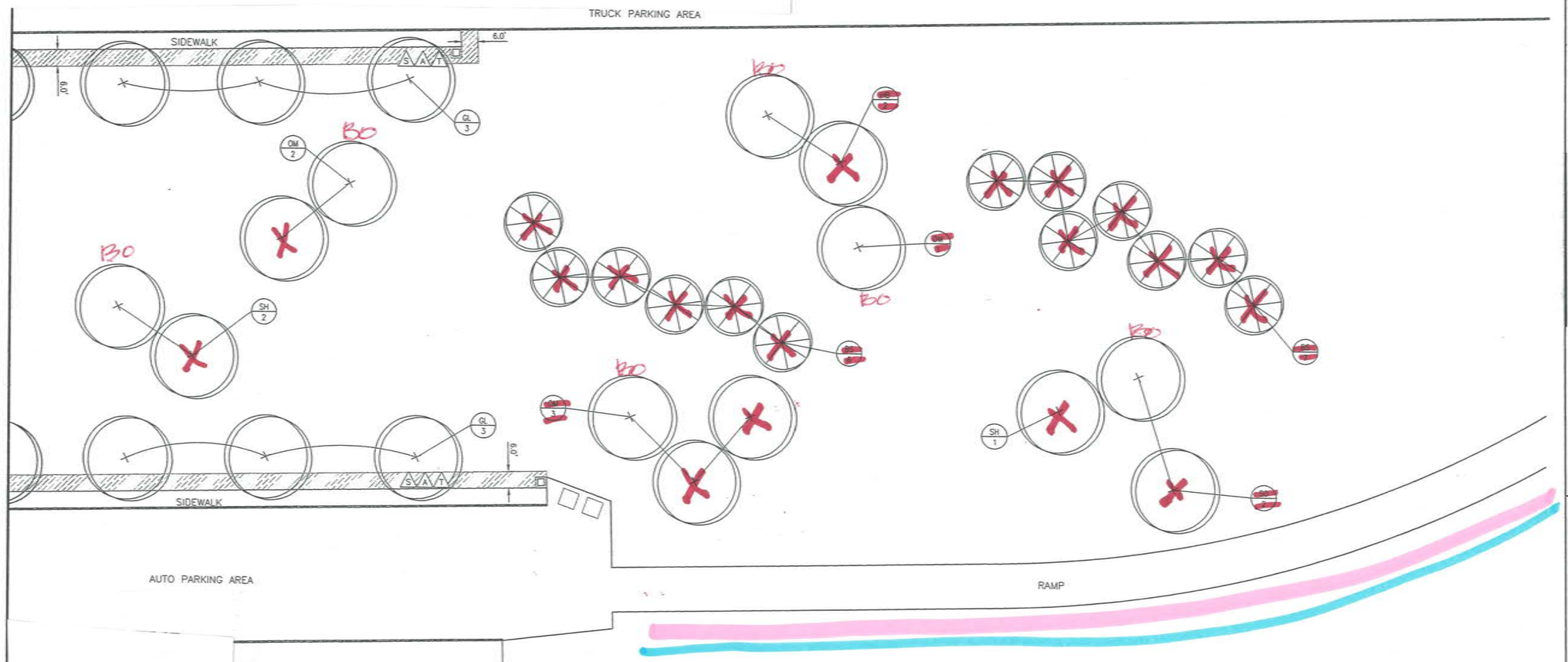
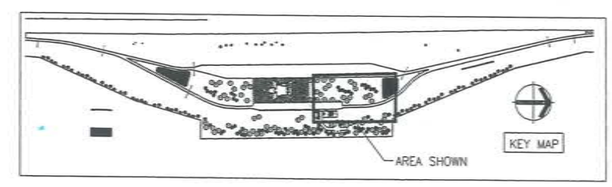
4. ALL NEW TREE/EVERGREEN PLANTINGS SHALL BE STAKED PER DETAILS ON SHEET ~~C2.5~~ 2.10
5. 5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS PER DETAIL SPC-5010 ON SHEET ~~C2.5~~ 2.10



X Removed From Plan

Slope Protection

Special Ditch Control



Landscape and Erosion Control

INTERSTATE 35 REST AREA - NORTHBOUND
POLK COUNTY, IOWA
IOWA DEPARTMENT OF TRANSPORTATION
I.D.O.T. PROJ. NO. IMN-035-4(215)100--DE-77

2.7

LANDSCAPE NOTES:

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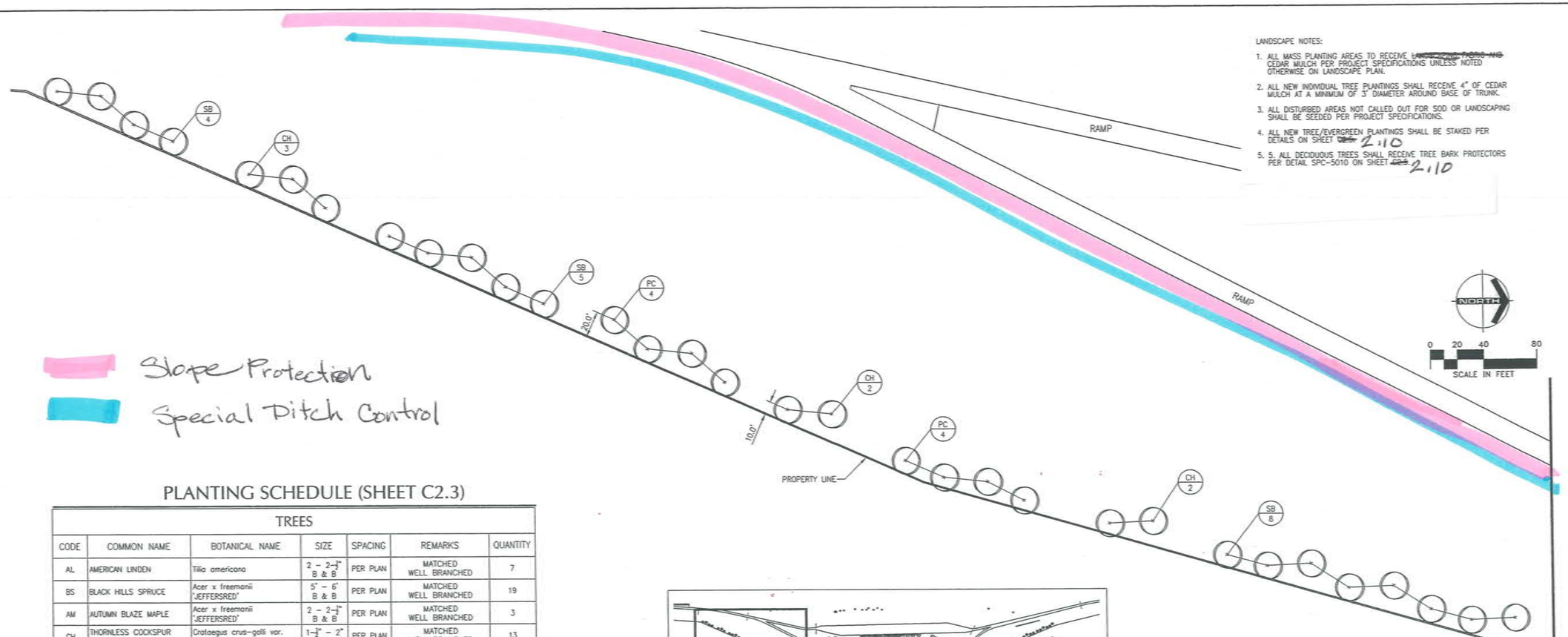
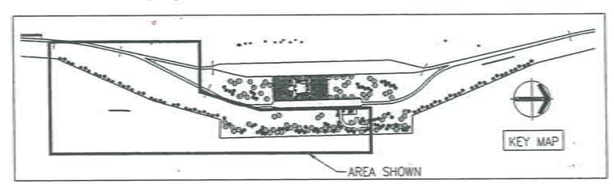
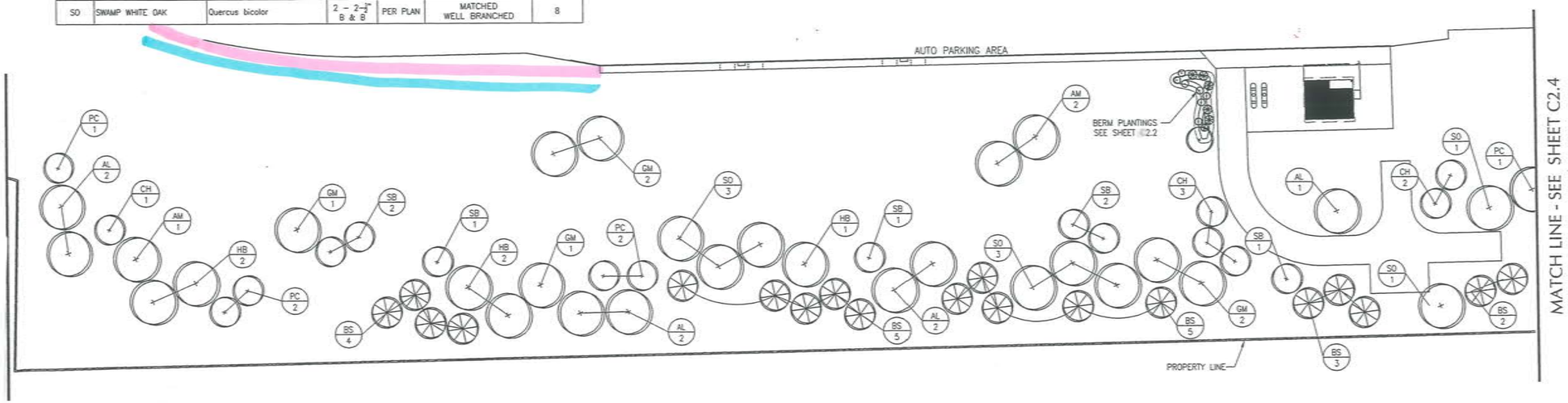




PLANTING SCHEDULE (SHEET C2.3)

TREES						
CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
AL	AMERICAN LINDEN	Tilia americana	2 – 2½" B & B	PER PLAN	MATCHED WELL BRANCHED	7
BS	BLACK HILLS SPRUCE	Acer x freemanii 'JEFFERSRED'	5' – 6' B & B	PER PLAN	MATCHED WELL BRANCHED	19
AM	AUTUMN BLAZE MAPLE	Acer x freemanii 'JEFFERSRED'	2 – 2½" B & B	PER PLAN	MATCHED WELL BRANCHED	3
CH	THORNLESS COCKSPUR HAWTHORNE	Crataegus crus-galli var. inermis	1½" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	13
GM	GREEN MOUNTAIN SUGAR MAPLE	Acer saccarum 'GREEN MOUNTAIN'	2 – 2½" B & B	PER PLAN	MATCHED WELL BRANCHED	6
HB	HACKBERRY	Celtis occidentalis	2 – 2½" B & B	PER PLAN	MATCHED WELL BRANCHED	5
PC	PRAIRIEFIRE CRABAPPLE	Malus 'PRAIRIEFIRE'	1½" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	14
SB	AUTUMN BRILLIANCE SERVICEBERRY	Amelanchier x grandiflora 'AUTUMN BRILLIANCE'	1½" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	24
SO	SWAMP WHITE OAK	Quercus bicolor	2 – 2½" B & B	PER PLAN	MATCHED WELL BRANCHED	8

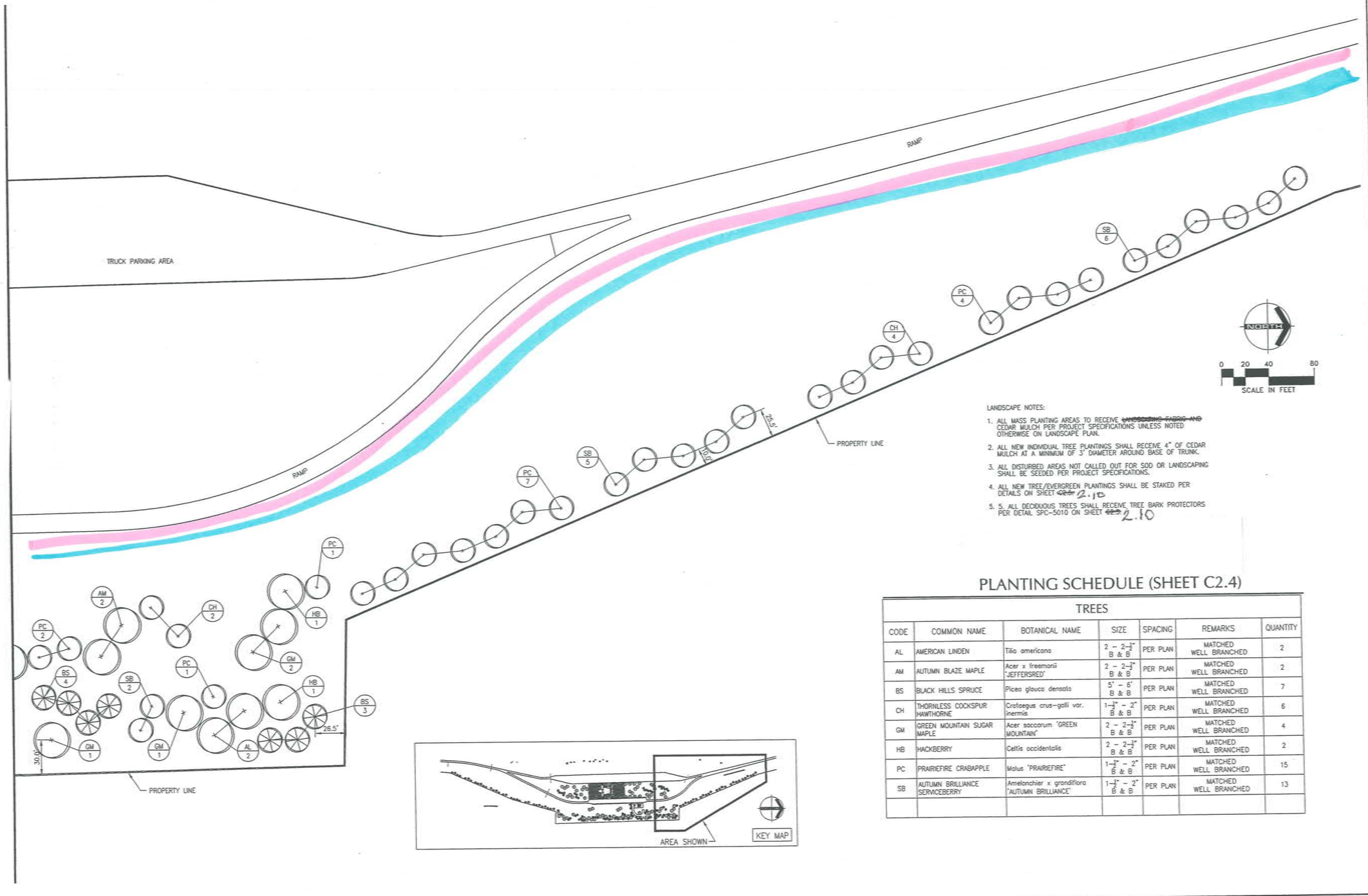


Landscape and Erosion Control

INTERSTATE 35 REST AREA - NORTHBOUND
POLK COUNTY, IOWA
2012
IOWA DEPARTMENT OF TRANSPORTATION

I.D.O.T. PROJ. NO. IMN-035-4(215)100--DE-77

2.8



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4. ALL NEW TREE/EVERGREEN PLANTINGS SHALL BE STAKED PER DETAILS ON SHEET ~~C2.10~~ 2.10
5. 5. ALL DECIDUOUS TREES SHALL RECEIVE TREE BARK PROTECTORS PER DETAIL SPC-5010 ON SHEET ~~C2.10~~ 2.10

PLANTING SCHEDULE (SHEET C2.4)

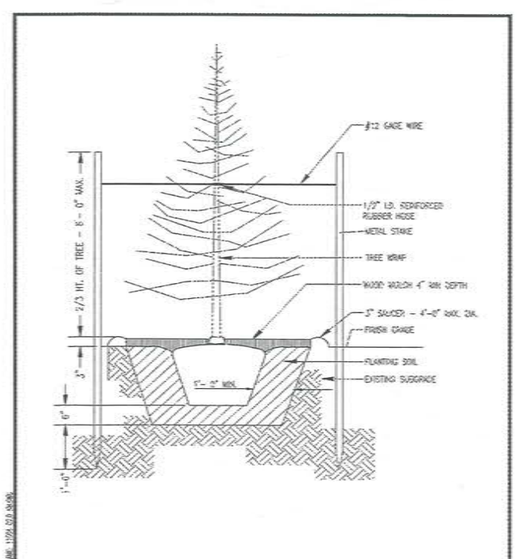
TREES						
CODE	COMMON NAME	BOTANICAL NAME	SIZE	SPACING	REMARKS	QUANTITY
AL	AMERICAN LINDEN	Tilia americana	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	2
AM	AUTUMN BLAZE MAPLE	Acer x freemanii 'JEFFERSRED'	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	2
BS	BLACK HILLS SPRUCE	Picea glauca densata	5' – 6' B & B	PER PLAN	MATCHED WELL BRANCHED	7
CH	THORNLESS COCKSPUR HAWTHORNE	Crataegus crus-galli var. inermis	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	6
GM	GREEN MOUNTAIN SUGAR MAPLE	Acer saccarum 'GREEN MOUNTAIN'	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	4
HB	HACKBERRY	Celtis occidentalis	2 – 2-1/2" B & B	PER PLAN	MATCHED WELL BRANCHED	2
PC	PRAIRIEFIRE CRABAPPLE	Malus 'PRAIRIEFIRE'	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	15
SB	AUTUMN BRILLIANCE SERVICEBERRY	Amelanchier x grandiflora 'AUTUMN BRILLIANCE'	1-1/2" – 2" B & B	PER PLAN	MATCHED WELL BRANCHED	13

Landscape and Erosion Control

INTERSTATE 35 REST AREA - NORTHBOUND
POLK COUNTY, IOWA
IOWA DEPARTMENT OF TRANSPORTATION

I.D.O.T. PROJ. NO. IWN-035-4(215)100--0E-77

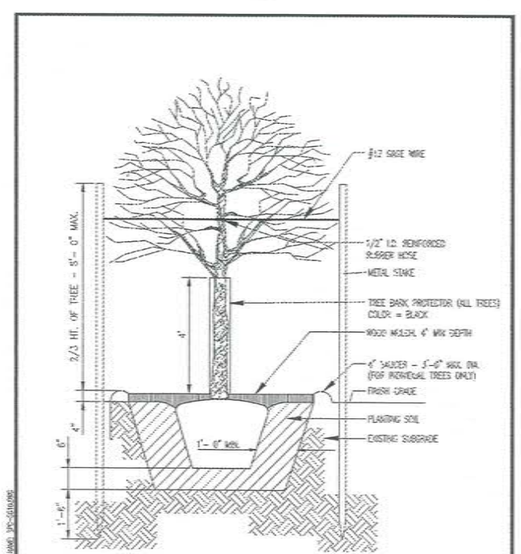
2.9



APPROVED _____
DATE July 8, 1994

TITLE
TREE PLANTING DETAIL

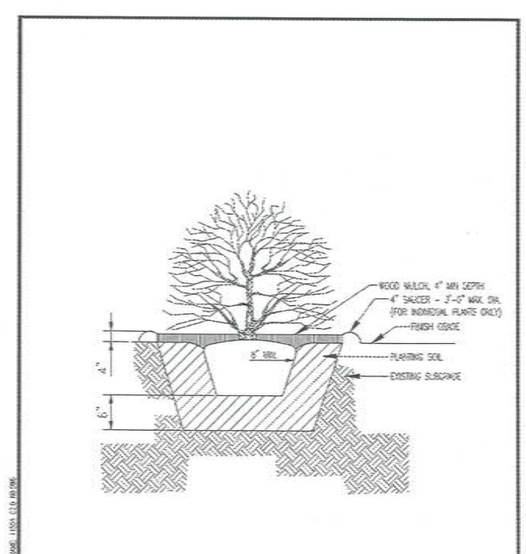
STANDARD PLATE NO.
SPC-5011



APPROVED _____
DATE July 8, 1994

TITLE
TREE PLANTING DETAIL

STANDARD PLATE NO.
SPC-5010



APPROVED _____
DATE July 8, 1994

TITLE
SHRUB PLANTING DETAIL

STANDARD PLATE NO.
SPC-5015

S
WAT

Planting Details

INTERSTATE 35 REST AREA - NORTHBOUND
POLK COUNTY, IOWA
2011
IOWA DEPARTMENT OF TRANSPORTATION

I.D.O.T. PROJ. NO. IMN-035-4(215)100--0E-77

2.10

Bidder _____

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SEALED BID

LETTING DATE: March 18, 2015
PROPOSAL NO: 13848
PROPOSAL DESCRIPTION: Permanent Erosion, Sediment & Control - Landscaping

Iowa Department of Transportation
PURCHASING - SEALED BID PROPOSAL
800 Lincoln Way
Ames, IA 50010