

ADDENDUM NO. 1
CATA IFB #2013-107

June 21, 2013

RE: East Lansing Multi Modal Transit Center
Capital Area Transportation Authority
East Lansing, Michigan

TO: All Bidders and others to whom Plans and Specifications for the above
referenced Project have been issued.

The items included in this Addendum are to become a part of the original Drawings and Project Manual as if included therein. Only these items are to be altered. The remainder of the original Drawings and Project Manual remain valid in their entirety.

PROJECT MANUAL

Section Article Action

Division 00 – Procurement and Contracting Requirements

002113	D.3	Revise “Monday” to read “Wednesday”.
	H.8	Add the following: m. Completed “CATA Small Business Determination Form” n. Letter certifying compliance with Davis-Bacon requirements.
002213	B.4	Revise “Anticipated Construction Schedule” to clarify the intent of the Milestone Dates.

Anticipated Construction Schedule		
Pre-Bid Meeting		June 10, 2013
Questions Due		June 19, 2013
Bid Opening		June 26, 2013
Notice of Intent to Award		July 2, 2013
Contractor to Issue MDEQ 10-Day Notice*		July 3, 2013
Award and Execute Contract		July 17, 2013
Notice to Proceed		July 18, 2013
	Duration	
Milestone 1 Date: Temporary site improvements to be complete. Temporary building pad and utilities to be ready for installation of the temporary building.	To be completed within 22 calendar days from Notice to Proceed	August 9, 2013
Milestone 2 Date: Complete with demolition of the existing Amtrak Building and existing Print Building. Turn over designated portion of the site to MSU for soil remediation activities.	To be completed within 57 calendar days from Notice to Proceed	September 13, 2013
Milestone 3 Date: Substantial Completion	To be completed within 71 calendar days from Notice to Proceed	September 27, 2013

- 002213 Supplemental Instructions to Bidders
- Add the following:
- K. Bidders shall complete the CATA Small Business Determination Form and include with their Bid.
- L. Bidders shall provide a letter acknowledging and certifying compliance with the Davis-Bacon Act requirements.
- 004113 Bid Form
- Add the attached
“CATA Small Business Determination Form”

Division 01 – General Requirements

- 011000 Part 1 -General
- Add the following:
- 1.20 UTILITY CONNECTION ALLOWANCE
- A. Base Bid shall include a Utility Allowance of \$20,000 to be used only for utility connection fees, tapping fees, and termination fees charged by the utility companies. The allowance may also be used for utility fees associated with relocation of existing poles, if necessary.
- B. The allowance shall only be used to pay fees of the utility company and may not be used for contractor’s material and labor costs. Contractor shall provide backup documentation for reimbursement of utility fees.
- C. The allowance shall only be used with written authorization of the Owner, in the form of an Allowance Adjustment.
- D. Unused amounts of the allowance shall be credited back to the Owner upon project completion.

Division 02 – Site Work

- 022200 1.03, D.
- Delete "Ingham County, or appropriate entity"

Division 32 – Exterior Improvements

- 321216 2.3, D.
- Revise: Pavement-Marking Paint: All pavement marking materials shall be in accordance with Michigan Department of Transportation’s Standard Specifications for Construction, 2012, Section 920 for waterborne pavement marking paint.
- 3.7, E.
- Add: The protection of wet markings will be the responsibility of the Contractor, until such markings are sufficiently dry to permit traffic to travel upon them.

Place suitable approved devices such as traffic cones (at a minimum) to protect wet pavement markings. The Contractor is responsible for taking appropriate care to prevent motorists from being sprayed.

3.7, F.

Add: Pavement markings damaged by traffic that were not protected will be re-applied and tracked lines will be removed at the Contractor's expense.

3.7, G.

Add: Barrier Free Symbol Placement: Bottom edge of the symbol square shall be aligned with the end of the line striping closest to the travel aisle and in the center of the parking space.

3.8, A.

Delete. A. Install wheel stops in bed of adhesive as recommended by manufacturer.

Section
329200

Article
2.4, C.

Action

Add: Straw Mulch: Provide air-dry, clean, mildew- and seed-free, salt hay or threshed straw of wheat, rye, oats, or barley.

2.5, A.

Add: WATER Source: Water shall be provided by the Contractor.

2.5, B.

Add: Quality: Water shall be free of substances harmful to plant growth.

3.3, A., 1.

Add. Areas identified for intermediate temporary soil stabilization shall not be prepared with topsoil. Contractor shall review temporary stabilization areas with Architect.

3.4, A.

Add. TEMPORARY SOIL STABILIZATION On areas shown on the plans and located outside the temporary rail station and public use area, no topsoil shall be placed. Contractor shall apply straw mulch to all exposed areas after scarifying and fine grading takes place.

3.4, B.

Add. Spread a loosely applied layer of clean, chopped straw at the rate of 2 tons/acre (90 lbs/1000 square feet) to form a continuous blanket 1-1/2" in loose thickness.

3.6, A.

Add: TURF RENOVATION .Renovate existing turf located within and immediately adjacent to the temporary station and parking areas damaged by Contractor's operations, such as storage of materials or equipment or movement of vehicles.

2. Reestablish turf where settlement or washouts occur or where minor regrading is required.
 3. Install new planting soil as required.
- 3.6, B. Add. Remove sod and vegetation from diseased or unsatisfactory turf areas; do not bury in soil.
- 3.6, C. Add. Remove topsoil containing foreign materials such as oil drippings, fuel spills, stones, gravel, and other construction materials resulting from Contractor's operations, and replace with new planting soil.
- 3.6, D. Add. Mow, dethatch, core aerate, and rake existing turf.
- 3.6, E. Add. Remove weeds before seeding. Where weeds are extensive, apply selective herbicides as required. Do not use pre-emergence herbicides.
- 3.6, F. Add. Remove waste and foreign materials, including weeds, soil cores, grass, vegetation, and turf, and legally dispose of them off Owner's property.
- 3.6, G. Add. Till stripped bare, and compacted areas thoroughly to a soil depth of 6 inches.
- 3.6, H. Add. Apply soil amendments and initial fertilizers required for establishing new turf and mix thoroughly into top 4 inches of existing soil. Install new planting soil to fill low spots and meet finish grades.
- 3.6, I. Add. Apply hydroseed as required for new turf.
- 3.6, J. Add. Water newly planted areas and keep moist until new turf is established.
- 3.9, B. Add. Perimeter silt fence and inlet protection shall remain place adjacent to all temporary soil stabilization areas.

DRAWINGS

<u>Drawing Sheet No.</u>	<u>Detail/Item</u>	<u>Action</u>
GN1.2	Milestone Area 1	Revise "29 Calendar Days" to read "22 Calendar Days". Revise "August 16" to read "August 9".
C2.0	General Notes	Revise General Note 12. and 20. Refer to Sketch CSK-03.

C2.0	Legend	Bottom of Sheet Legend. Clarification. Temporary Station and Temporary Sanitary Holding Tank pad shall be asphalt not concrete. Refer to Sketch CSK-03
C3.0	General Notes	Add. Item 8. Temporary sanitary waste and waste holding tank. Refer to Drawing Number C2.0, General Note 20 for Contractor responsibilities. Site Improvement Key Add. Item 10 Route to Rail Boarding Area Signage; Item 11 Transit Center Parking Signage; Item 12 Bus Loading Zone Signage; Item 13 Temporary Sanitary Waste Tank, Refer to General Improvement Notes 8; Item 14 Lawn Restoration/Renovation, Refer to Spec Section 329200; Item 15 Temporary Soil Stabilization, Refer to Spec Section 329200; Item 16 Service Access, Aggregate Base, 4", MDOT 22A, CIP. Plan has been revised and supplemented with the additional improvement items (10-16).
	Legend	Add. Hatch pattern identifying Temporary Soil Stabilization (No Topsoil) and Hatch pattern identifying Lawn Restoration/Renovation.
	Improvement Coordinate Schedule	Update. Coordinates 8 & 9. Proposed asphalt pad revised and expanded west of temporary station 16'x34' to place and access temporary sanitary holding tank.
C4.0	Temp. Station Pad	Spot elevations provided at edge of expanded asphalt pad (for temporary sanitary holding tank). Refer to Sketch CSK-04
C5.0		Clarification. Exposed soil areas on the site resulting from site removals, pavement removal, building demolition, soil remediation, and utility removal are not to be restored with topsoil. Temporary Soil Stabilization measures have been specified (refer. 329200). This intermediate measure is intended to stabilize the exposed soil resulting from this project. All perimeter silt fencing and siltation protection at drainage structures shall remain at the end of the project. These temporary intermediate measures will be maintained and removed later by a separate contract. Lawn restoration seeding is shown on the Drawings and is

intended only in areas adjacent to temporary station, temporary parking lot, and pedestrian access/walk to the ex. rail passenger boarding area.

Control Measure 10 has been added to the SESC Legend. Bar chart has been provided depicting Construction Sequence / Operation Time Schedule.

General SESC Note

Correction. Item 12. Gradation for crushed aggregate should be 6AA.

C6.0

Asphalt Pavement

Revise cross-section for temporary asphalt pavement. Refer to Sketch CSK-01

Gravel Drive & Parking Revise cross-section. Refer to Sketch CSK-02

QUESTIONS & CLARIFICATIONS

1. **Question:** Please clarify the requirements and duration for temporary fencing.

Answer: Contractor shall provide temporary fencing for the entire duration of the project and shall maintain until the next bid package contractor has mobilized on-site. There shall be no gaps in provision for temporary fencing. For bidding purposes, assume that provision of temporary fencing shall be required for additional three months' duration beyond the Date of Substantial Completion.

2. **Question:** Plan sheet C2.0 Key Note 12 states to install 1.5" D.I. water service lead. I assume D.I. means ductile iron. Ductile iron pipe is not made as small as 1.5". Typically this size is copper or polyethylene. Please clarify what pipe to use.

Answer: Provide 1.5" copper pipe in lieu of ductile iron pipe.

3. **Question:** The plans state that all disturbed areas not paved or built on will be stabilized with seeding per the specifications. Specification section 32 92 00 – Turf and Grasses specifies 6" of topsoil and a permanent seed mix that we are to maintain by watering, fertilizing and mowing. There is very little topsoil available from the site so nearly all the topsoil required will need to be imported. At the pre-bid meeting it was stated that construction of the new facility will begin immediately after the demolition contract. That being said, is it really necessary to import topsoil (that will then need to be removed for construction and hauled out) and seed per the specs? Please clarify.

Answer: Requirements are clarified in Addendum No. 1.

4. **Question:** Please clarify requirements for temporary site lighting.

Answer: Temporary site lighting is required for the temporary parking lot, drives, and pedestrian walkways. Illumination in these areas shall be maintained at a 2 footcandle average with a 2:1 average to minimum ratio. Additional information is specified in Section

337000. Contractor shall be responsible to establish a temporary lighting layout required to achieve these criteria; contractor shall submit a lighting plan demonstrating proposed lighting levels for approval. Owner reserves the right to field verify installed conditions to verify compliance.

5. **Question:** Please clarify requirements temporary utilities to service the temporary Amtrak station, including water, sanitary, gas, electric, and telephone.

Answer: Contractor shall be responsible to provide all required utilities to the location of the temporary Amtrak building including coordination with each utility and payment of the initial installation cost associated with each utility. Contractor shall be responsible to make final connections to the building. The service fees associated with the temporary Amtrak station shall be CATA's responsibility.

- Water: contractor shall provide and install temporary water service including payment of the associated tapping/connection fee. CATA shall be responsible to pay service fees.
- Sanitary: temporary waste holding tank shall be provided by the Contractor. The contractor is required to coordinate with Ingham county Health Department to obtain and pay for permit required for tank installation and shall be responsible for final connection of tank to temporary station. Contractor shall provide the temporary tank and shall maintain for the entire duration of the project and shall continue to provide until the next bid package contractor has mobilized on-site. Contractor shall pay for the rental fee and service fees for this duration. There shall be no gaps in provision for temporary sanitary tank. For bidding purposes, assume that provision of temporary sanitary tank shall be required for additional three months' duration beyond the Date of Substantial Completion.
- Gas: temporary gas service is not required.
- Electric: contractor shall coordinate with Consumers and shall pay for the initial installation fees. CATA shall be responsible to pay service fees.
- Telephone/Data: contractor shall coordinate with AT&T and shall pay for the initial installation fees. Provide cabling to accommodate up to three telephone lines and high-speed internet service for two tenants. Terminate at a demark inside the building. CATA's tenants shall be responsible to extend service from the demark. CATA's Tenants shall be responsible to pay service fees.

6. **Question:** Please clarify if the soil is to be balanced on-site or if soil will need to be imported/exported as necessary to meet the final grades.

Answer: Soils may not necessarily balance on-site. Contractor shall import or export soils as needed to achieve final grades indicated.

7. **Question:** Plan sheet C2.0 calls for a proposed concrete pad for temporary station. Plan sheet C3.0 shows asphalt pavement under the temporary station. Which is correct? If concrete, please provide detail.

Answer: The building pad shall use the asphalt pavement detail, which is revised by Addendum No. 1, Sketch CSK-01.

8. **Question:** Plan sheet C6.0 Detail 2 for Gravel Drive & Parking Lot shows 14" compacted aggregate base, MDOT 6A. Note 1 on the same detail calls for base meeting INDOT No.53 stone. MDOT 6A is not an aggregate base material per MDOT and aggregates produced locally are sold per MDOT designations, not INDOT. Please clarify what material to use for the stone parking area.

Answer: Requirements are clarified in Addendum No. 1, Sketch CSK-01.

9. **Question:** Will this contractor be required to provide and install the reduced pressure backflow preventer assembly as detailed on plan sheet C6.1? I assume this will be inside the temporary station.

Answer: Contractor shall provide and install the backflow preventer. The backflow preventer shall be installed inside the building and shall comply with all applicable codes and regulations.

10. **Question:** Please consider establishing an allowance for utility connection and tapping fees.

Answer: A utility connection allowance will be established to be used for utility connection, termination, and tapping fees charged by the utility companies. Use of the allowance shall be approved by CATA.

11. **Question:** Is there a Disadvantaged Business Enterprise (DBE) goal for this bid?

Answer: There is no DBE goal.

12. **Question:** Please clarify if MSU owns the buildings. Will permits be required from MSU?

Answer: Yes, MSU owns the buildings. Contractor is responsible to determine which permits are required to accomplish the work. Utility contact information is provided on the drawings including contact information for MSU.

13. **Question:** Please clarify if railroad flagmen will be needed?

Answer: Work is not anticipated to occur within the railroad Right-of-Way at this time. In the event the Contractor requires access within the railroad Right-of-Way for ancillary work activities or unforeseen circumstances, then the Contractor shall be responsible to comply with all applicable requirements of CN and CSX railroads respectively (CN to the north and CSX to the south) including provisions for flagmen if necessary according to applicable regulations.

14. **Question:** Please clarify who is responsible for hazardous material testing and air monitoring?

Answer: The Contractor is responsible for testing and air monitoring.

15. **Question:** Is the Contractor required to provide the temporary Amtrak station?

Answer: No, the temporary Amtrak station building will be provided and installed under a separate contract. The Contractor is responsible for all site preparation and provision for all utilities to the temporary Amtrak station.

16. **Question:** Does the Owner and/or Engineer believe existing soils will be suitable for backfilling? If not, please provide an estimated quantity for disposal.

Answer: Yes, based on information available.

17. **Question:** Please identify the average groundwater elevation at the Site.

Answer: Based on information available, groundwater appears to be approximately 18'-20' below grade.

18. **Question:** Please provide anticipated award, start and substantial completion dates.

Answer: Refer to Anticipated Construction Schedule in Section 002213.

19. **Question:** Is Saturday work acceptable?

Answer: Yes; Contractor shall notify DLZ of their working hours and shall provide advanced notice if overtime or weekend work is anticipated.

Note: Contractor is responsible to provide the workforce required to meet each Milestone Date. If overtime and/or weekend work is required to achieve the milestone dates indicated than it shall be included within the Contractor's Base Bid. No additional compensation will be awarded to compensate for overtime.

20. **Question:** Is potable water available at the Site?

Answer: Yes; potable water is available at the buildings until disconnected. Potable water will also be available at the new temporary station.

21. **Question:** Since State of Michigan funds are being utilized for this project, please indicate whether or not the DTMB's new "Best Value" program applies?

Answer: No, it does not apply.

22. **Question:** Since State of Michigan funds are being utilized, please indicate whether the Veteran Owned Business consideration applies to the project?

Answer: No, it does not apply.

23. **Question:** If yes to Question 8 above, will a new bid form with Veteran Owned Business "check box" be provided?

Answer: Not applicable.

24. **Question:** Does the prime contractor and all Subcontractors have to provide Certified Payrolls?

Answer: The Contractor is responsible to comply with Davis Bacon regulations.

25. **Question:** Why is retainage reduced to 5% after 50% completion and not 0%?
Answer: Refer to Section 005400; retainage amount will be 10% up to 50% completion and 5% thereafter.
26. **Question:** What is the Owner's anticipated reimbursement schedule (i.e. net 60 days)?
Answer: Refer to Section 005400; net 60 days after the Architect receives the Application for Payment, providing all provisions are satisfied and all documentation is properly executed.
27. **Question:** Please provide design or as-built drawings of all building foundations and footings.
Answer: As-built drawings are not available.
28. **Question:** The proposed schedule for construction commencement does not appear to account for the 10-day notice required for abatement or the seven day review required by the Architect for submittals. Please clarify how the schedule can be achieved with these requirements.
Answer: The 10-day Notice and the material submittals may be submitted following Notice of Intent to Award as needed in order to maintain the project schedule.
29. **Question:** Please provide the requirements of CSX and NS for work within their right-of-ways (i.e. Federal Railroad Administration training for employees, railroad flagmen requirements and costs, \$10 million liability insurance coverage, etc.)
Answer: Work is not anticipated to occur within the railroad Right-of-Way at this time. In the event the Contractor requires access within the railroad Right-of-Way for ancillary work activities or unforeseen circumstances, then the Contractor shall be responsible to comply with all applicable requirements of CN and CSX railroads respectively (CN to the north and CSX to the south) including provisions for flagmen if necessary according to applicable regulations.
30. **Question:** Please identify all known PCB-containing articles and contaminated media.
Answer: The specifications require the removal and proper disposal of all PCB containing materials such as transformers, capacitors and ballasts. A comprehensive list of PCB-containing articles is not available.
31. **Question:** Please provide the MSU contact information for coordinating utility locates and terminations.
Answer: Contact information is provided on Drawing GN1.0.

32. **Question:** In light of the unknown and uncontrollable schedule for gas utilities and utility pole relocation, would it make sense to include a line item or allowance in the bid for these items?

Answer: A utility connection allowance will be established to be used for utility connection, termination, and tapping fees charged by the utility companies. Use of the allowance shall be approved by CATA.

33. **Question:** What kind, how many, and where of temporary lighting for public parking area and route? Is this the bus route?

Answer: Temporary site lighting is required for the temporary parking lot, drives, and pedestrian walkways. Illumination in these areas shall be maintained at a 2 footcandle average with a 2:1 average to minimum ratio. Additional information is specified in Section 337000. Contractor shall be responsible to establish a temporary lighting layout required to achieve these criteria; contractor shall submit a lighting plan demonstrating proposed lighting levels for approval. Owner reserves the right to field verify installed conditions to verify compliance.

34. **Question:** Who is responsible for the removal of the temporary station asphalt area, the stone parking lot, the sidewalks and the restoration of these areas?

Answer: The temporary station asphalt area, stone parking lot, and temporary sidewalks shall remain upon the completion of this contract and will be removed by others under a separate contract.

END OF ADDENDUM No.1

Attachments:

CATA Small Business Determination Form

Appendix D Ingham County Health Department Guidelines for *Sanitary Sewage Disposal Facilities Utilizing On-Site Storage, Hauling and Final Disposal at an Off-Site Receiving Facility (Pump and Haul Facilities)*

Pre-Bid Meeting Minutes

Pre-Bid Meeting Sign-In Sheet

Sketches:

CSK-01

CSK-02

CSK-03

CSK-04

Drawing Number C3.0

Drawing Number C5.0

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for

Sanitary Sewage Disposal Facilities Utilizing On-Site Storage,
Hauling and Final Disposal at an Off-Site Receiving Facility.

(Pump and Haul Facilities)

I. Introduction

These guidelines have been developed for use by agencies responsible for the review and approval of sanitary sewage disposal facilities utilizing on-site storage, hauling, and final disposal at an off-site receiving facility.

II. Determination of Sewage Quantities

The determination of sewage quantities shall be based on measurement of actual flows. When this information is not available or obtainable, the Manual of Septic Tank Practice, Public Health Service Publication No. 526, revised in 1967, should be used as a guide in estimating quantities of sewage flow.

III. Applications

A. Applications for Permits.

The permit applications shall be made to the Water Resources Commission.

B. Information required for review of application.

The information needed for review of a specific application will vary in accord with the type of building development, the estimated flow rate, and other conditions. The review of an application will require the following:

1. The design of the on-site storage and receiving facility.
2. A written description of how the storing, transporting, and disposing of sewage will be accomplished.
3. A contingency plan to be followed should a breakdown occur.
4. Contracts or agreements necessary to assure the continuity of a satisfactory operation.

IV. Design Factors

A. On-site storage facility.

1. The holding tank shall be designed to be structurally sound, watertight, not subject to decay or corrosion and with provisions for odor control.
2. The holding tank shall be equipped with a high-level warning device and in certain installations equipped with a mechanism to cut off the water supply when the high-level warning device is activated.
3. The holding tank shall have sufficient openings to allow access for inspection and maintenance.
4. The holding tank must be sized with consideration given to the estimated flow rate, pumping schedule, the operation schedule and the limitations of the receiving facility, and with a minimum of two days storage.
5. The holding tank shall be located in an area that is readily accessible for pumping, and located so as to prevent the contamination of surface or groundwaters or the creation of a public health hazard or nuisance.
6. Consideration shall be given to the need for wash down facilities, curbing and fencing.

B. Receiving facility.

1. A municipal sewage treatment facility meeting the requirements of Act 98, Public Acts of 1913, is the preferred method for the final disposal of wastes generated at a pump and haul facility. When such a facility is not available or accessible, it may be possible to dispose of the waste at some other off-site disposal facility approved for this use.
2. The facility at the receiving site shall be designed in a manner that will protect the public health and that will prevent the inadvertent discharge of the waste to the ground surface, surface waters, or groundwaters of the state.
3. The location shall be such as to allow ready access during the periods deemed necessary to assure continuity of operation. Also, the location must be such as to prevent the creation of a public health hazard or nuisance.
4. Consideration shall be given to the need for wash down facilities, fencing, and curbing.

V. Factors for Evaluating the Transport

1. The vehicle must be licensed under Act 243, Public Acts of 1951, as amended.
2. A prime vehicle and a backup vehicle must be available to haul as required to meet the pumping schedule.
3. It is recommended that the applicant own the vehicle where large flows of sewage are involved.
4. The vehicle must be of sufficient size and suitable design to handle the expected daily flows while meeting the operation schedule and hydraulic limitations of the final disposal site.
5. Consideration shall be given to suitability of roads, climatic conditions, and load restrictions when evaluating the transportation route(s) from the storage facility to the disposal site.

VI. Contracts, Conditions and Restrictions

1. When the applicant does not own the hauling vehicles, a contract or written agreement between the applicant and hauler is needed to assure continuity of operation.
2. Where final disposal at a municipal sewage system is planned, a contract is needed between the applicant and governmental agency, stating that the governmental agency will accept the expected quantities of sewage at their treatment facility. Also, a letter of approval from the Municipal Wastewater Division will be needed, stating that the treatment facility is capable of receiving and treating the waste.
3. An appropriate deed restriction is needed to inform prospective future owners of the facility about the provisions, conditions, and restrictions concerning the pump and haul arrangements.
4. Approval of local units of government is necessary where pump and haul is under consideration.
5. The applicant shall designate a person to be in responsible charge of the total pump and haul operation. The name, address, and phone number of this person shall be provided to the reviewing agency.



PRE-BID MEETING MINUTES
(FOR INFORMATION ONLY)

Meeting Date: June 10, 2013 at 12:00 PM

Written By: Eric T. Beaulieu, AIA, CxA, LEED AP
Project Manager

Project No.: DLZ #1341-6517-70
CATA IFB #2013-107

Owner: Capital Area Transportation Authority (CATA)
4615 Tranter Street
Lansing, Michigan 48910

Project: East Lansing Multi-Modal Transit Center
Building Demolition and Site Clearing
1240 South Harrison Road
East Lansing, Michigan 48823

Meeting Location: Room 102 of the Angell Building on the campus of Michigan State University,
166 Service Road, East Lansing, Michigan 48823

Purpose of Meeting: Pre-Bid Conference and Tour of Project Site

Attended By: Refer to attached Sign-In Sheet

ITEMS DISCUSSED:

A. Introductions

1. Owner:

Capital Area Transportation Authority (CATA)
4615 Tranter Street
Lansing, Michigan 48910

Project Site:

East Lansing Multi-Modal Transit Center
Building Demolition and Site Clearing
1240 South Harrison Road
East Lansing, Michigan 48823

CATA Representatives:

- Debbie Alexander; Assistant Executive Director
- Jonathan Bromberg; Planner
- Fred Sible; Facilities
- Beverly Anderson; Purchasing

ENGINEERS ARCHITECTS SCIENTISTS PLANNERS SURVEYORS

1425 KEYSTONE AVE.

LANSING, MI 48911

PHONE: (517) 393-6800

FAX: (517) 272-7390

www.dlz.com

2. Architect/Engineer:

DLZ

1425 Keystone Ave.

Lansing, MI 48911

Telephone: 517-393-6800

Fax: 517-272-7390

A/E Point of Contact:

- Eric Beaulieu, Project Manager; ebeaulieu@dlz.com
517-393-6800
517-420-4278

A/E Project Representatives:

- Curtis Roebuck, Environmental Department Manager; croebuck@dlz.com
- Sarat Bobba, Environmental Engineer; sbobba@dlz.com

B. Instruction to Bidders (Section 00 21 13)

1. Contract type: Single Prime Contract, Lump Sum
2. Bid's due: Wednesday, June 26, 2013, at 10:30 AM EST
3. Location: CATA; Attn: Purchasing
4. Bid Form Refer to Section 00 41 13
5. Bid Security: 5% of bid amount
6. Bid Documents (Drawing Sets and Project Manual)
 - i. Available for purchase at Commercial Blueprint
 - a. Address: 3125 Pinetree Road, Lansing, Michigan 48911
 - b. Phone: (517) 372-8360
 - c. Website: www.commbblue.com
 - d. Cost: Non-refundable; actual cost of reproduction (\$65)
 - ii. Available for review at CATA's website; www.cata.org
7. Bid submittal shall include six (6) complete sets of original bid form documents.
8. Federal Contract Clauses:
 - i. Project is funded through an FTA grants. Refer to Section 00 21 13 – Exhibit A for Federal Contract Clauses which are applicable to this contract. Contractor shall complete **all** FTA Contract Clauses included in the specifications.
9. Disadvantaged and Small Business Enterprises
 - i. Disadvantaged Business Enterprises ("DBE") and Small Business Enterprises (SBE's) are encouraged to bid on this project. Any applicable DBE firm's certifications must be included in the proposal. Cost Proposals must list all DBE & SBE Firm Names, Amount and Activity of service provided by the firm, as applicable.
 - ii. Jeanne Day-Labo (MDOT) attended the meeting to encourage DBE and SBE participation. Bidders are encouraged to contact Jeanne if assistance is needed to identify potential participants.

C. Communication

1. Bidder's questions: written requests only.
2. Attn.: DLZ - Eric T. Beaulieu, AIA
3. All questions related to this Project to be submitted no later than Wednesday, June 19, 2013 at 12:00 PM
4. Questions may be submitted via email.
 - i. Email: ebeaulieu@dlz.com and cc: croebuck@dlz.com
 - ii. Subject Line: "CATA ELMC DEMOLITION – ITB #2013-107"
5. If applicable, Architect will respond with the issuance of an Addendum.
6. Items which are already identified in the Documents will not be reiterated in the Addendum.

D. Supplemental Instructions to Bidders (Section 00 22 13)

1. Davis-Bacon Wage Rates apply
 - i. Davis-Bacon wage rates that are contained within the ITB.
2. Anticipated Construction Schedule

Anticipated Construction Schedule	
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Milestone Date: Complete with demolition of the existing Amtrak Building and existing Print Building. Turn over designated portion of the site to MSU for soil remediation activities.	September 16, 2013
Substantial Completion	September 30, 2013

3. Environmental Reports:
 - i. Appendix A – Asbestos and Hazardous Material Survey Report
 - ii. Appendix B – Asbestos Building Inspection Report
 - iii. Appendix C – Soil Contamination Maps

E. Project Bid Form (Section 00 41 13)

1. Single lump sum amount for all labor and materials for a completed project as described within Project Manual and drawings.
2. Complete Bid Form in its entirety.
3. Acknowledge all Addenda.
4. Complete Unit Prices.
5. Include six (6) copies.
6. Refer to "Bidder Reminder List"

ENGINEERS ARCHITECTS SCIENTISTS PLANNERS SURVEYORS

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FAX: (517) 272-7390

www.dlz.com

7. Complete the following and submit with Bid:
 - i. Experience Questionnaire
 - ii. Plan and Equipment Questionnaire
 - iii. Non-Collusion Affidavit
 - iv. Financial Statement
 - v. Buy America Affidavit
 - vi. Certification Regarding Lobbying
 - vii. Certification Regarding Debarment and Suspension
 - viii. DBE Certification for Each Qualifying Firm
 - ix. Proposed List of Subcontractors, Suppliers, and Manufacturers
 - x. Proposed Schedule of Values
 - xi. Certified Check or Bid Bond (signed by Surety and Principal)
 - xii. Iran Economic Sanctions Act Certificate
 8. The following two items are also required and will be issued by Addendum:
 - i. Completed forms for All Small Businesses
 - ii. Certification of Davis-Bacon Requirements
- F. Project Substitution Request Form.
1. Exhibit 01 62 00A.
 2. If accepted, the item will be identified in an Addendum.
 3. Product Substitution Request Forms to be submitted by Wednesday, June 19, 2013
 4. Include all applicable backup data required for evaluation.
- G. Contractor-Owner Agreement (Section 00 52 13)
1. AIA Document A101-2007 "Standard Form of Agreement between Owner and Contractor" with revisions (Section 00 54 00)
 2. Bonds and Certificates (Section 00 61 13, 00 62 16)
 - i. Performance and Payment Bond: 100% of total contract amount
 - ii. Certificate of Insurance is required. (Section 00 62 16)
 - a. Refer to CATA Construction Standard Terms and Conditions of Procurement for applicable insurance requirements.
 3. General Conditions (00 72 13)
 - i. AIA Document A201-2007 "General Conditions of the Construction Contract" with noted revisions.
 - ii. CATA Construction Standard Terms and Conditions of Procurement.
- H. Summary of Work (Section 01 10 00)
1. Work includes the phased demolition of four (4) buildings as identified in the Contract Drawings including slabs, foundations and all subsurface systems. Work includes proper abatement and disposal of Asbestos Containing Materials and Hazardous Materials in the buildings prior to any demolition activities occurring.

Work also includes the construction of temporary parking, driveways, utility yard, and building pad on the temporary site of the multi-modal transit center. The existing transit center shall remain in full operation until the temporary transit center is installed and

fully operational. Access to all the provided temporary facilities shall be maintained for all public, private and fleet vehicles throughout construction.

- a. Michigan State University, as identified in the Contract Drawings, will remove the floor slab, foundations/footings of Amtrak building, pavement within the soil excavation area, remove and dispose contaminated soils, and backfill. Work includes coordinating site access with MSU's contractor as identified in the Contract Drawings.
 2. The existing site is approximately 7.76 acres of land. Existing conditions include, but are not limited to pavement, landscaping, site amenities and utilities.
 3. Installation of temporary driveways, parking surfaces, walkway to existing rail platform, utilities and a building platform to house a temporary 24'x60' structure as specified in the Contract Documents including the Drawings and Project Manual.
 4. All other associated work indicated in the Contract Documents including the Drawings and Project Manual.
- I. Temporary Facilities and Controls (Section 01 50 00)
1. Contractor shall provide and pay for all necessary temporary utilities and temporary site improvements required during construction.
 2. Temporary provisions include, but not limited to:
 - i. Building pad for temporary Amtrak Station
 - ii. Temporary utilities for the Amtrak Station
 - iii. Temporary public parking area
 - iv. Temporary lighting for public parking area and route
 - v. Temporary wayfinding signage
 - vi. Job identification signage
 - vii. Temporary construction fencing
 - viii. Temporary contractor facilities, as required to accomplish the Work.
 3. Temporary site improvements/utilities shall remain in place upon completion of this contract.
- J. Tour of Existing Site: No conversations shall occur with any of the CATA or DLZ representatives during the Tour of the Existing Site.

Existing Site Tour located at:
1240 South Harrison Road
East Lansing, Michigan 48823

- K. This Pre-Bid Meeting Agenda is for information only and is not part of the Contract Documents.

L. Questions:

Note that all answers will be provided by Addendum.

Q1: Please clarify the date when questions are due.

A1: Questions are due Wednesday, June 19, by Noon.

Q2: Please clarify the requirements and duration for temporary fencing.

Q3: Please clarify requirement for 1.5" ductile iron pipe. This material may not be available. Alternative suggestion is copper pipe.

Q4: Documents call for seed, mulch, and topsoil. Please confirm if 6" of topsoil is required.

Q5: Please clarify requirements for temporary lighting.

Q6: Please clarify requirements for gas, electric, and telephone utilities.

Q7: Please clarify if the soil is to be balanced on-site or if soil will need to be imported/exported as necessary to meet the final grades.

Q8: Please provide a detail for the building pad.

Q9: Please confirm stone specification (MDOT 6A) is appropriate for aggregate detail and asphalt pavement detail.

Q10: Please confirm if backflow preventer is required to be provided by the contractor or by others.

Q11: Please consider establishing an allowance for utility connection and tapping fees.

Q12: Is there a Disadvantaged Business Enterprise (DBE) goal?

Q13: Please clarify if railroad flagmen will be needed.

Q14: Please clarify who is responsible for hazardous material testing and air monitoring?

Q15: Is the contractor required to provide the temporary Amtrak station?

M:\PROJ\1341\6517 CATA Multi Modal Facility\Bid\Bid Pack 1 - Demolition\CATA ELM Building Demolition_Pre-Bid Meeting Minutes.doc

CATA RFP# 2013-107, EAST LANSING MULTI_MODAL TRANSIT CENTER-
BUILDING DEMOLITION AND SITE CLEARING

Page 1 of 4

Sign-in Sheet: PRE-PROPOSAL MEETING

Company Name	Company Address	Contact Name	E-Mail Address	Phone Number
1. DLZ	1425 Keystone Ave Lansing MI 48911	ERIC BEAULIEU Sarat Bobba	EBEAULIEU@DLZ.com SBOBBA@DLZ.com	517-393-6800 517-393-6800
2. CATA	~~4615~~ 4615 Tranter LANSING MI 48910	JONATHAN BLONBENG	JBLONBENG@CATA.ORG	517 394 1100
3. M.DOT-OBID	425 W. Ottawa, Lansing	Jeanne Day-lab	day-lab@micichigan.gov	517-373-92
4. CATA	4615 Tranter LANSING, MI 48910	Beverly Anderson	banderson@cata.org	517-394-1100
5. BEST DEMOLITION	P.O. BOX 5907 SAGINAW MI 48603	Scott Moritz	SCOTT@BESTDEMOL.US	989 372 5378 FX 877 765 0578
6. PITSCH COMPANIES	675 RICHMOND ST. NW GRAND RAPIDS 49504	BLEWIS PITSCH	LEWIS@PITSCHCO.COM	616 363 4895
7. HBC Contracting	2170 Apollo Dr. LANSING, MI 48906	BRETT EBERHARD	brett.eberhard@hbc-contracting.com	(517) 886-2772
8. Smalley Construction	1742 W 95th Scottville MI	Joe Smalley	Smalley Construction & Live . Com	231-757-4000
9. TL Contracting	13488 S. Lowell Rd DeWitt, MI 48820	Alex Smith	Alex@tlcontractinginc.org	C-517-282-2960
10. TSP Services, Inc.	12641 Stark Rd. Livonia, MI 48150	Ron Swan	rswane@tspenvironmental.com	734-838-0960
11. BIERLEIN COMPANIES	2000 BAY City Rd MIDLAND MI 48642	JEFF BIERLEIN	JBIERLEIN@BIERLEIN.COM	989-698 2244
12. E.T. MacKENZIE Company	4248 W. SAGINAW Hwy GRAND Ledge, MI 48837	Lynn DRIVER	LDRIVER@MACKENZIECO.COM	517 627 8408

CATA RFP# 2013-107, EAST LANSING MULTI_MODAL TRANSIT CENTER-
BUILDING DEMOLITION AND SITE CLEARING

Page 2 of 4

Sign-in Sheet: PRE-PROPOSAL MEETING

Company Name	Company Address	Contact Name	E-Mail Address	Phone Number
1. CK General Contracting	1500 Trambly St Detroit MI, 48211	Brad Poremba	bradley.poremba@gmail.com	734-812-7635
2. TCI Inc of Michigan	5501 E. Clinton Trail Eastland Park, MI 48827	Shawn Mills	ShawnM@TCIIncOfMichigan.com	517-663-5631
3. Leavitt and Stark Excavating	2440 Harmon Rd Livonia, MI 48150	Tom Stark	tom@leavittandstark.com	517-202-5068
4. Central Excavating	11303 W. Price Rd Westphalia, MI 48894	Ken Anderson	Centralexcavating@Yahoo.com	517-719-7760
5. MSU		~~MR. KIM~~	abdelaziz@msu.edu	517-432-0323
6. MSU		Adam Anderson	aanderson@ipf.msu.edu	517-243-8288
7.				
8.				
9.				
10.				
11.				
12.				

CATA RFP# 2013-107, EAST LANSING MULTI_MODAL TRANSIT CENTER-
BUILDING DEMOLITION AND SITE CLEARING

Page 3 of 4

Sign-in Sheet: PRE-PROPOSAL MEETING

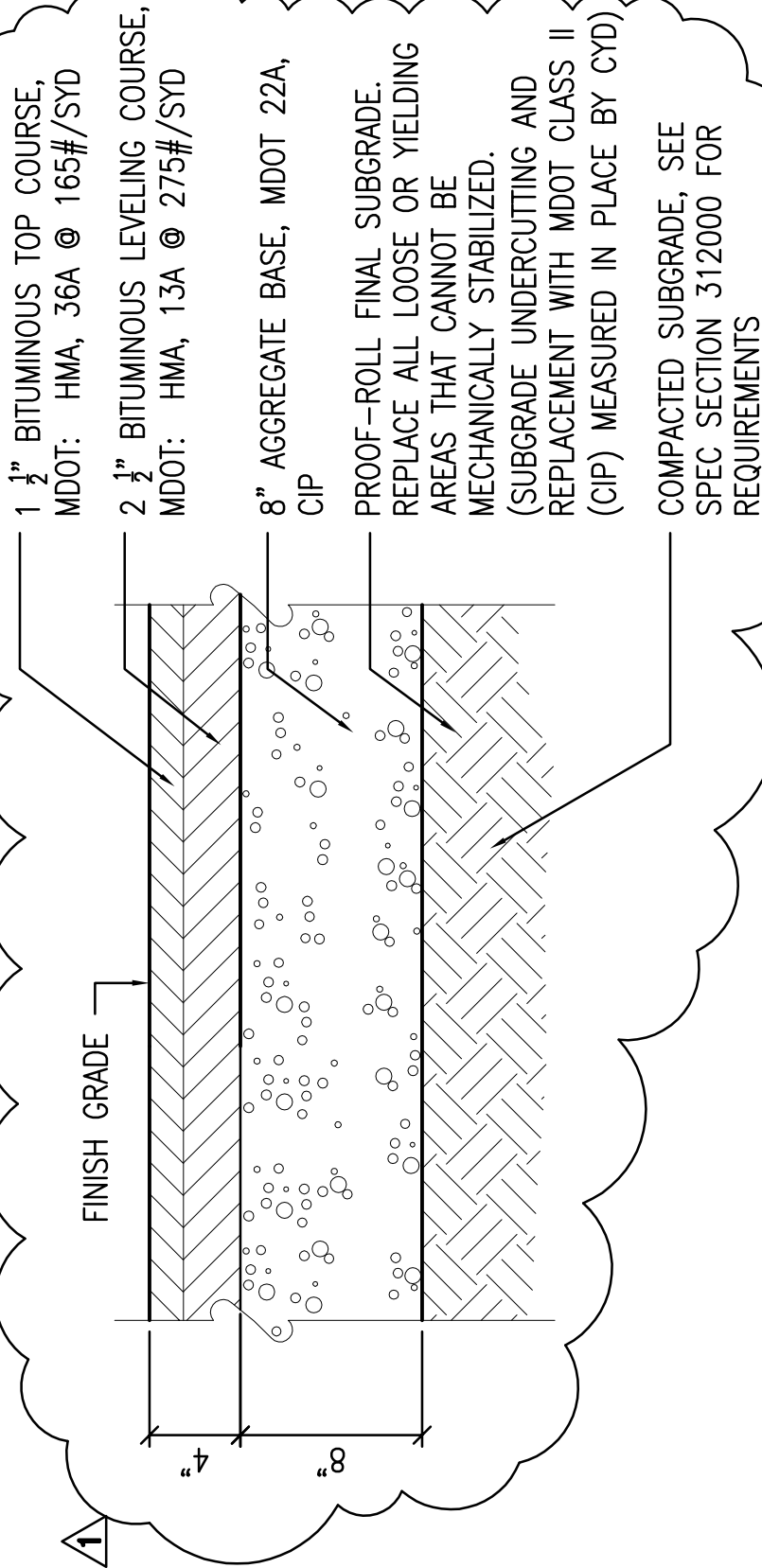
Company Name	Company Address	Contact Name	E-Mail Address	Phone Number
1. ABLE DEMO	5675 Babun	Bill Koncsky	HALE.DEMOLITION@SBC.NET	586-997-3366
2. INTERNATIONAL CONSTRUCTION	53618 CHERRYWOOD SHELBY TWP MI 48315	NICK FUOCO	DIRDOCTOR2010@PAHO.COM	586 749-9875 586 749-9896
3. NASDI	2122 YORK RD OAK BROOK, IL	PETE CONROY	pcconroy@NASDI.DEM.COM	312-735-7726
4. SC ENV.	106 Island Ave. LANSING, MI	John SEARS	John@SCENVIRONMENTAL.COM	517-202-1685
5. Homoch	200 Mathis Rd Coelester, MI 48117	Keith Mager	Keith.M@homoch.com	(734) 732 9793
6. Adamo	320 E. 7 mile DET, MI 48203	Aradondo Haskins	Ahaskins@adamogroup.org	313-779-7194
7. Fred Sible	CATA		F.Sible@CATA.ORG	
8. Debbie Korman	CATA		dalexander@cata.org	517.344.1100
9.				
10.				
11.				
12.				

CATA RFP# 2013-107, EAST LANSING MULTI_MODAL TRANSIT CENTER-
BUILDING DEMOLITION AND SITE CLEARING

Page 4 of 4

Sign-in Sheet: PRE-PROPOSAL MEETING

Company Name	Company Address	Contact Name	E-Mail Address	Phone Number
1. Qualified ABATEMENT SERV.	1935 MCGRAW DETROIT MI 48208	Forrest Goyette	gabatement@SBCglobal.net	313-361-6003 313-361-6143
2. Trust Thermal Abatement, Inc.	210 S. Water St. Owosso, MI 48867	Dave Baldwin Jr.	davebaldwinjr@trustthermal.com	989-710-8834 989-710-8836 (fax)
3. Site Development	30850 Stephenson Hwy. Madison Heights MI 48071	Jason ASKew	jaskew@Sdevelopment.com	248-583-1200 248-583-1211A
4. Terra Contracting		Rich Anson		269-390-3428
5. Terra Contracting		Greg Moe	gmoe@terracontracting.net	269-217-9007
6.				
7.				
8.				
9.				
10.				
11.				
12.				



ASPHALT PAVEMENT DETAIL

SCALE: 1-1/2"=1'-0"

1

C6.0



BUILDING DEMOLITION AND SITE CLEARING
CAPITAL AREA TRANSPORTATION AUTHORITY

ASPHALT PAVEMENT DETAIL

DLZ Project Number	1341-6517-70
DATE:	6-20-13
SCALE	1-1/2"=1'-0"
DWG:	C6.0

DRAWING NO:

CSK-01



BUILDING DEMOLITION AND SITE CLEARING
CAPITAL AREA TRANSPORTATION AUTHORITY

GRAVEL DRIVE &
PARKING DETAIL

DLZ Project Number	1341-6517-70
DATE:	6-20-13
SCALE	1-1/2"=1'-0"
DWG:	C6.0
DRAWING NO:	CSK-02

1

FINISH GRADE

"9"

6" 1"x3" LIMESTONE OVER
NON-WOVEN GEOTEXTILE FABRIC

COMPACTED SUBGRADE, SEE
SPEC SECTION 312000 FOR
REQUIREMENTS

NOTE:

1. CONTRACTOR SHALL MAINTAIN STONE SURFACE THROUGHOUT CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE PERIODIC REGRADING AND TOP DRESSING OF SURFACE AS SITE CONDITIONS DEMAND.

GRAVEL DRIVE AND PARKING DETAIL

SCALE: 1-1/2"=1'-0"

2

C6.0

1

12. CONTRACTOR SHALL COORDINATE WITH AT&T TO FACILITATE INSTALLATION OF INFRASTRUCTURE REQUIRED TO SUPPLY TELECOM SERVICES TO THE TEMPORARY STATION. THIS INCLUDES ANY WORK AND MATERIALS REQUIRED TO BRING TELEPHONE AND INTERNET SERVICE FROM THE AT&T SOURCE TO A DEMARCATION BOX TO BE PLACED ON THE SIDE OF THE TEMPORARY STATION. THIS WORK WILL BE PAID FOR BY THE CONTRACTOR AND INCLUDED IN THE LUMP SUM PRICE.

1

20. THE CONTRACTOR SHALL SUPPLY A WASTE HOLDING TANK TO HOLD SANITARY WASTE AND WASTE WATER.
- A. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH INGHAM COUNTY HEALTH DEPARTMENT TO OBTAIN PERMIT TO INSTALL THE TANK. CONTACT: LISA MCGIVERON (517) 887-4510
 - B. THE CONTRACTOR SHALL IMMEDIATELY APPLY FOR THE PERMIT UPON NOTICE OF INTENT TO AWARD.
 - C. TANK SIZE SHALL BE BASED ON 80 PEOPLE PER DAY.
 - D. THE CONTRACTOR IS RESPONSIBLE FOR CONNECTION OF THE SANITARY HOLDING TANK TO THE TEMPORARY STATION.
 - E. INGHAM COUNTY REQUIREMENTS ARE INCLUDED AS AN APPENDIX.



PROPOSED ASPHALT PAD FOR
TEMPORARY STATION AND TEMPORARY
WASTE HOLDING TANK



APPROXIMATE SOIL EXCAVATION AREA
(BY OTHERS, SEE NOTE 18)

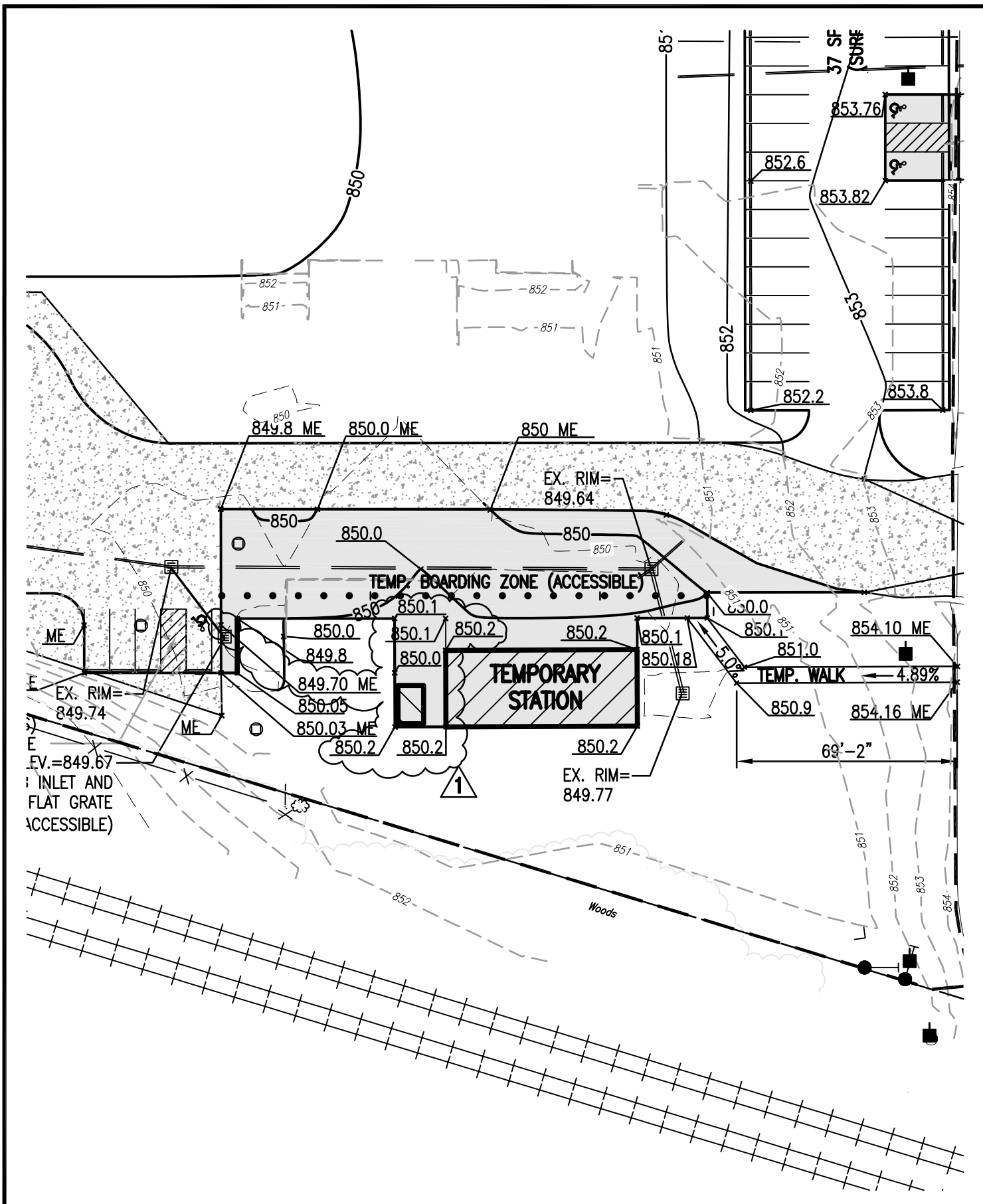


BUILDING DEMOLITION AND SITE CLEARING
CAPITAL AREA TRANSPORTATION AUTHORITY

GENERAL NOTES 12., 20. AND
LEGEND

DLZ Project Number	1341-6517-70
DATE:	6-20-13
SCALE	1"=40'
DWG:	C2.0

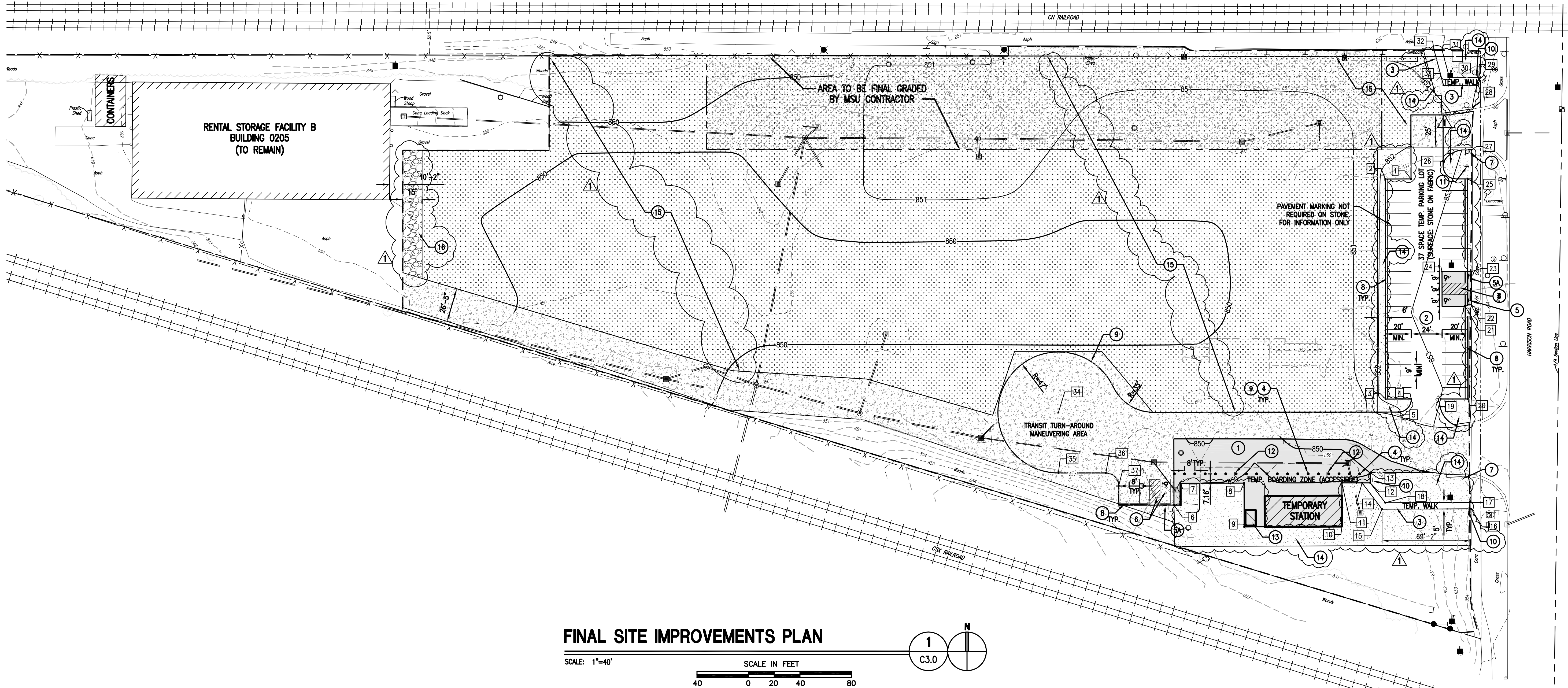
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BUILDING DEMOLITION AND SITE CLEARING
CAPITAL AREA TRANSPORTATION AUTHORITY

FINAL SITE GRADING
AND DRAINAGE PLAN

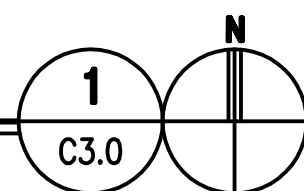
DLZ Project Number 1341-6517-70
DATE: 6-20-13
SCALE 1"=40'
DWG: C4.0
DRAWING NO: **CSK-04**



FINAL SITE IMPROVEMENTS PLAN

SCALE: 1"=40'

SCALE IN FEET
40 0 20 40 80



IMPROVEMENT COORDINATE SCHEDULE			
KEY	NORTHING	EASTING	DESCRIPTION
1	444216.476	13089083.030	CORNER, STONE LOT
2	444216.449	13089063.030	CORNER, STONE LOT
3	444045.449	13089063.264	CORNER, STONE LOT
4	444045.476	13089083.264	CORNER, STONE LOT
5	444035.366	13089073.277	CORNER, STONE LOT
6	443963.128	13088898.877	CORNER, PROPOSED ASPHALT
7	443980.135	13088903.973	CORNER, PROPOSED ASPHALT
8	443980.172	13088953.312	CORNER, PROPOSED ASPHALT
9	443946.143	13088953.422	CORNER, PROPOSED ASPHALT
10	443946.437	13089029.422	CORNER, PROPOSED ASPHALT
11	443980.306	13089029.375	CORNER, PROPOSED ASPHALT
12	443980.336	13089051.352	CORNER, PROPOSED ASPHALT
13	443988.336	13089051.341	CORNER, PROPOSED ASPHALT
14	443980.327	13089045.063	CORNER, TEMPORARY WALK
15	443959.916	13089060.553	CORNER, TEMPORARY WALK
16	443960.152	13089129.801	CORNER, TEMPORARY WALK
17	443965.152	13089129.780	CORNER, TEMPORARY WALK
18	443964.926	13089063.028	CORNER, TEMPORARY WALK
19	444045.855	13089106.006	CORNER, STONE LOT
20	444045.536	13089127.264	CORNER, STONE LOT

IMPROVEMENT COORDINATE SCHEDULE			
KEY	NORTHING	EASTING	DESCRIPTION
21	444118.033	13089124.915	CORNER, STONE LOT
22	444117.540	13089130.165	CORNER, PROPOSED ASPHALT
23	444144.540	13089130.128	CORNER, PROPOSED ASPHALT
24	444144.509	13089107.128	CORNER, PROPOSED ASPHALT
25	444216.499	13089127.030	EDGE, STONE LOT
26	444229.708	13089108.606	EDGE, STONE LOT
27	444239.093	13089129.938	CORNER, PAVEMENT TO REMAIN
28	444289.208	13089134.258	CORNER, TEMPORARY WALK
29	444295.210	13089135.721	CORNER, TEMPORARY WALK
30	444295.172	13089112.922	CORNER, TEMPORARY WALK
31	444317.059	13089107.079	CORNER, TEMPORARY WALK
32	444317.044	13089100.873	CORNER, TEMPORARY WALK
33	444289.164	13089108.316	CORNER, TEMPORARY WALK
34	444035.064	13088809.089	CORNER, TEMPORARY WALK
35	443988.064	13088809.089	CORNER, TEMPORARY WALK
36	443988.064	13088845.976	CORNER, TEMPORARY WALK
37	443978.078	13088855.976	CORNER, TEMPORARY WALK

GENERAL IMPROVEMENT NOTES

- UTILITIES SHOWN ARE APPROXIMATE, FIELD VERIFY PRIOR TO CONSTRUCTION.
- DIMENSIONS ARE TAKEN FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- PROJECT LIMITS SHOWN ARE APPROXIMATE. ADJUSTMENTS TO THE LIMITS INCIDENTAL TO CONSTRUCTION ACTIVITIES MAY BE PERMITTED WITH THE APPROVAL OF THE ARCHITECT. CONTRACTOR SHALL FIELD MARK ANY PROPOSED CHANGES TO THE CONSTRUCTION LIMITS FOR ARCHITECT APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
- ALL AREAS DISTURBED, NOT BUILT, PAVED OR OTHERWISE COVERED BY CONSTRUCTION, SHALL BE SEEDED PER THE REQUIREMENTS OF SPEC. SECTION 32 92 00. REFER TO SPECIFICATION SECTION 32 92 00 FOR PLANTING/TOPSOIL MIX.
- CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC MAINTENANCE PLANS, PERMITS, AND COORDINATION WITH APPROPRIATE JURISDICTIONS REGARDING PUBLIC R.O.W. WORK.
- SEE SHEET C1.0 FOR LIMITS OF EXISTING PAVEMENT TO REMAIN.
- REFER TO DRAWING C4.0 FOR GRADING AND DRAINAGE REQUIREMENTS.
- TEMPORARY SANITARY WASTE AND WASTE HOLDING TANK. REFER TO DRAWING NUMBER C2.0, GENERAL NOTE 20 FOR CONTRACTOR RESPONSIBILITIES.

BASIS OF DESIGN FOR PREFABRICATED HOLDING TANK AND ENCLOSURE:
MANUFACTURER: WHITLEYMAN
WEBSITE: www.whitleyman.com
TELEPHONE: (260) 723-5131

SITE IMPROVEMENT KEY

- ASPHALT PAVEMENT
- STONE PARKING AREA
- HMA TEMPORARY SIDEWALK
- REFLECTIONIZED CHANNELIZER POST
- ACCESSIBLE PARKING SIGNAGE
- ACCESSIBLE PARKING SIGNAGE WITH VAN ACCESSIBLE TAG
- ACCESSIBLE PARKING SPACE & MARKINGS
- STOP SIGN
- CONCRETE PARKING BLOCK DETAIL
- 6" SOLID WHITE STRIPE
- ROUTE TO RAIL BOARDING AREA SIGNAGE
- TRANSIT CENTER PARKING SIGNAGE
- BUS LOADING ZONE SIGNAGE
- TEMPORARY SANITARY WASTE TANK, REFER TO GENERAL IMPROVEMENT NOTES 8.
- TEMPORARY SOIL STABILIZATION, REFER TO SPEC SECTION 329200
- SERVICE ACCESS, AGGREGATE BASE, 4", MDOT 22A, CIP

LEGEND

- DEMOLITION LIMITS
- APPROX. SOIL EXCAVATION LIMITS (BY OTHERS)
- RIGHT OF WAY
- EXISTING MANHOLE
- EXISTING INLET
- EXISTING MONITORING WELL
- EXISTING FENCE
- EXISTING RAILROAD TRACKS
- EXISTING SIGN
- EXISTING UTILITY POLE
- EXISTING TREE
- EXISTING CONTOUR
- EXISTING PAVEMENT TO REMAIN
- PROPOSED PAVEMENT
- PROPOSED CONTOUR
- TEMPORARY SOIL STABILIZATION (NO TOPSOIL)
- LAWN RESTORATION/RENOVATION



FOR LOCATIONS OF UNDERGROUND UTILITIES & IF WORKING NEAR OVERHEAD WIRES

DRAWN: JNJ CHK'D: SJW

DESIGNED: JLP

APPROV'D: MWN

DATE: MAY 30, 2013

PROJECT NUMBER

1341-6517-70

MICHIGAN

EAST LANSING

CAPITAL AREA TRANSPORTATION AUTHORITY

EAST LANSING MULTIMODAL TRANSIT CENTER

CIVIL

FINAL SITE IMPROVEMENTS PLAN

C3.0

SHEET 8

OF 12

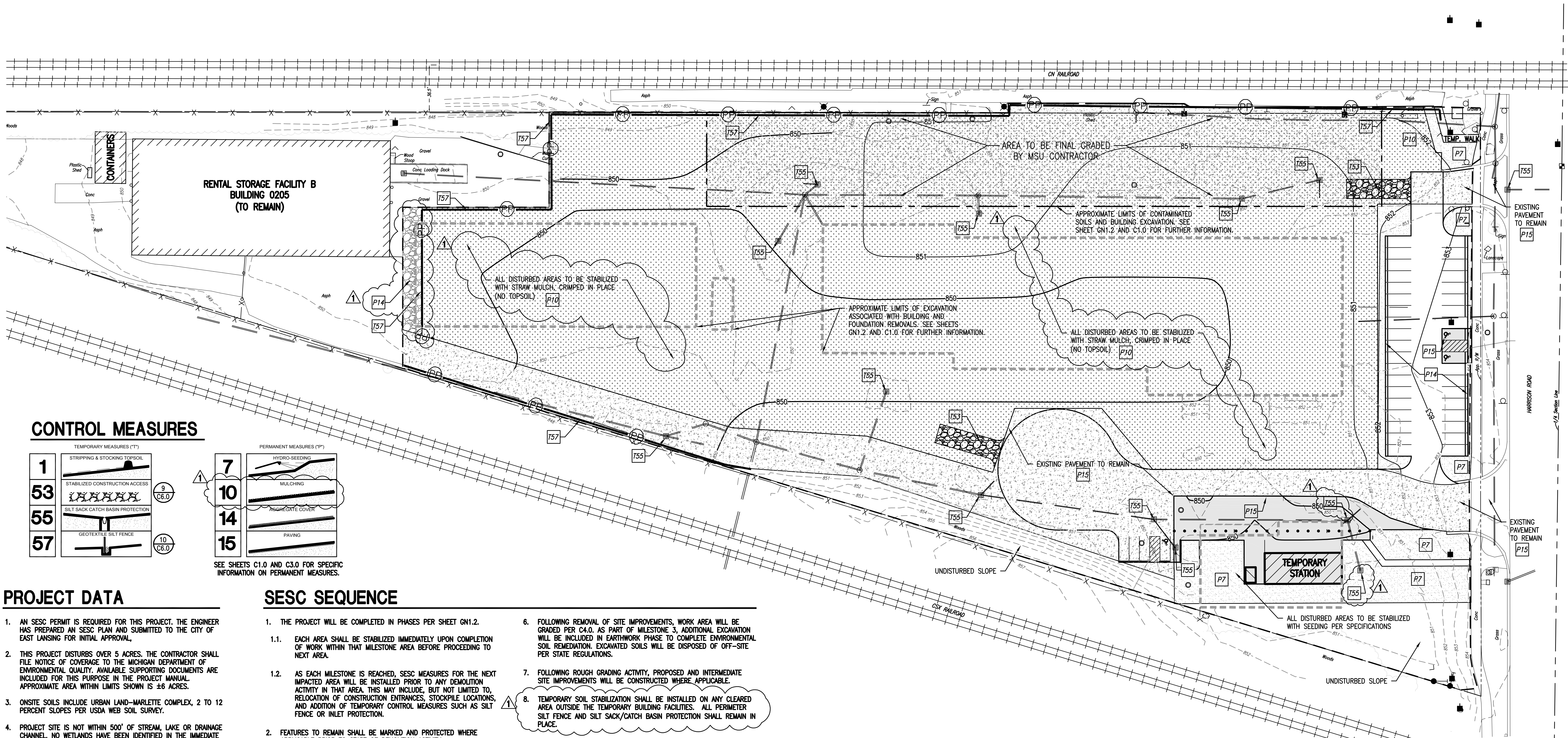
DRAWING NUMBER

C3.0

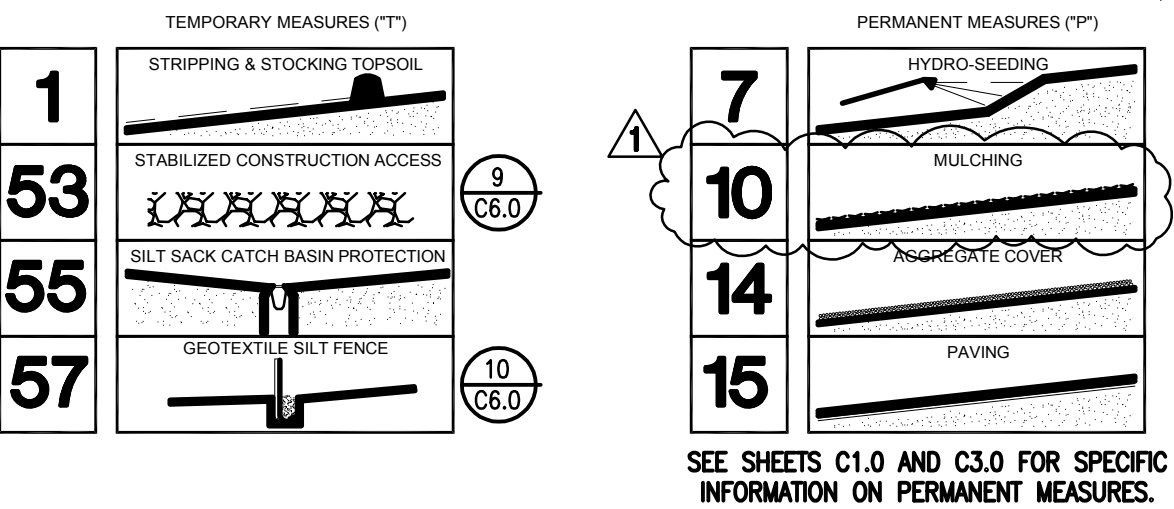
DLZ

DLZ MICHIGAN, INC.

Date: Jun 20, 2013, 3:41pm User ID: rsherman
File: M:\PROJ\1341\6517 CATa Mult Modal Drawings\6517C5.0.dwg



CONTROL MEASURES



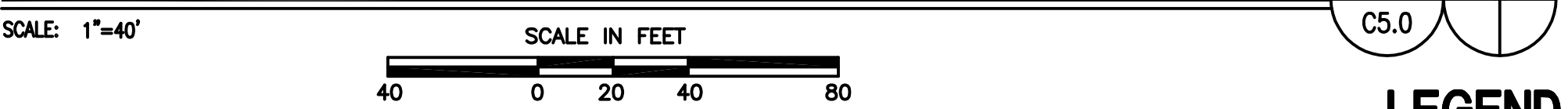
PROJECT DATA

1. AN SESC PERMIT IS REQUIRED FOR THIS PROJECT. THE ENGINEER HAS PREPARED AN SESC PLAN AND SUBMITTED TO THE CITY OF EAST LANSING FOR INITIAL APPROVAL.
2. THIS PROJECT DISTURBS OVER 5 ACRES. THE CONTRACTOR SHALL FILE NOTICE OF COVERAGE TO THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY. AVAILABLE SUPPORTING DOCUMENTS ARE INCLUDED FOR THIS PURPOSE IN THE PROJECT MANUAL. APPROXIMATE AREA WITHIN LIMITS SHOWN IS ±6 ACRES.
3. ONSITE SOILS INCLUDE URBAN LAND-MARLETTE COMPLEX, 2 TO 12 PERCENT SLOPES PER USDA WEB SOIL SURVEY.
4. PROJECT SITE IS NOT WITHIN 500' OF STREAM, LAKE OR DRAINAGE CHANNEL. NO WETLANDS HAVE BEEN IDENTIFIED IN THE IMMEDIATE PROJECT AREA.
5. DUE TO THE EXISTING SITE TOPOGRAPHY AND LOCATION BETWEEN 2 RAIL CORRIDORS, IT IS NOT ANTICIPATED THAT STORM WATER FROM PROJECT SITE WOULD ADVERSELY IMPACT ADJACENT PROPERTIES.
6. COMPLETE LEGAL DESCRIPTION OF SITE IS NOT CURRENTLY AVAILABLE.
7. ESTIMATED QUANTITY OF EXCAVATION IS NOT AVAILABLE DUE TO THE UNKNOWN DEPTH OF FOUNDATIONS PRESENT AND DEPTH OF CONTAMINATED SOILS SLATED FOR REMEDIATION THAT MAY BE ENCOUNTERED. THE SITE WILL BE RESTORED NEAR EXISTING GRADE PER SHEET C4.0.

SESC SEQUENCE

1. THE PROJECT WILL BE COMPLETED IN PHASES PER SHEET GN1.2.
 - 1.1. EACH AREA SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF WORK WITHIN THAT MILESTONE AREA BEFORE PROCEEDING TO NEXT AREA.
 - 1.2. AS EACH MILESTONE IS REACHED, SESC MEASURES FOR THE NEXT IMPACTED AREA WILL BE INSTALLED PRIOR TO ANY DEMOLITION ACTIVITY IN THAT AREA. THIS MAY INCLUDE, BUT NOT LIMITED TO, RELOCATION OF CONSTRUCTION ENTRANCES, STOCKPILE LOCATIONS, AND ADDITION OF TEMPORARY CONTROL MEASURES SUCH AS SILT FENCE OR INLET PROTECTION.
2. FEATURES TO REMAIN SHALL BE MARKED AND PROTECTED WHERE APPLICABLE PRIOR TO START OF DEMOLITION ACTIVITY.
3. CONSTRUCTION ACCESS POINTS WILL BE STABILIZED PER DETAIL ON C6.0 PRIOR TO DISTURBANCE.
4. INLET/CATCH BASIN PROTECTION SHALL BE INSTALLED PRIOR TO START OF ANY DEMOLITION ACTIVITIES, OR DISTURBANCE OF PAVEMENT OR PLANTING AREA WITHIN 50' OR UPSTREAM FROM THE STRUCTURE. PROTECTION IS TO REMAIN AND BE MAINTAINED UNTIL ADJACENT AREA HAS BEEN STABILIZED. INLETS SLATED FOR REMOVAL WILL BE PROTECTED UNTIL DISCONNECTED FROM THE STORM SYSTEM.
5. FOLLOWING BUILDING DEMOLITION, REMOVAL OF PAVEMENTS AND OTHER ABOVE AND BELOW GRADE SITE IMPROVEMENTS WILL BEGIN. PAVEMENTS SHALL REMAIN IN PLACE UNTIL THEY ARE READY FOR REPLACEMENT AND/OR FINAL REMOVAL AND STABILIZATION IN ORDER TO MINIMIZE EROSION AND SEDIMENT TRACKING.
6. FOLLOWING REMOVAL OF SITE IMPROVEMENTS, WORK AREA WILL BE GRADED PER C4.0. AS PART OF MILESTONE 3, ADDITIONAL EXCAVATION WILL BE INCLUDED IN EARTHWORK PHASE TO COMPLETE ENVIRONMENTAL SOIL REMEDIATION. EXCAVATED SOILS WILL BE DISPOSED OF OFF-SITE PER STATE REGULATIONS.
7. FOLLOWING ROUGH GRADING ACTIVITY, PROPOSED AND INTERMEDIATE SITE IMPROVEMENTS WILL BE CONSTRUCTED WHERE APPLICABLE.
8. TEMPORARY SOIL STABILIZATION SHALL BE INSTALLED ON ANY CLEARED AREA OUTSIDE THE TEMPORARY BUILDING FACILITIES. ALL PERIMETER SILT FENCE AND SILT SACK/CATCH BASIN PROTECTION SHALL REMAIN IN PLACE.
9. FINAL GRADING WILL BE COMPLETED FOLLOWING COMPLETION OF ALL REMOVALS AND HARDSCAPE IMPROVEMENTS. ALL DISTURBED AREAS ARE TO BE STABILIZED WITHIN 5 DAYS OF FINAL GRADING.
10. PRIOR TO TURNING THE SITE OVER TO CATa, CONTRACTOR WILL COORDINATE AND REVIEW WITH ARCHITECT ALL TEMPORARY CONTROL MEASURES TO REMAIN AND BE MAINTAINED BY THE OWNER THEREAFTER.
11. ALL SESC MEASURES AND MAINTENANCE OF MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL COMPLETION. FOLLOWING COMPLETION, OWNER WILL BE RESPONSIBLE FOR REMOVAL OF TEMPORARY MEASURES AS NEEDED AFTER STABILIZATION IS COMPLETE AS WELL AS LONG-TERM MAINTENANCE OF THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO, REGULAR MAINTENANCE OF STORM SEWER AND LANDSCAPE AS WELL AS MONITORING SITE FOR EROSION AND OTHER POLLUTANT SOURCES.

SOIL EROSION AND SEDIMENTATION CONTROL PLAN



LEGEND

- DEMOLITION LIMITS
- APPROXIMATE SOIL EXCAVATION LIMITS (BY OTHERS)
- APPROXIMATE LIMITS OF BUILDING/FOUNDATION EXCAVATIONS
- RIGHT OF WAY
- EXISTING MANHOLE
- EXISTING INLET
- EXISTING MONITORING WELL
- EXISTING FENCE
- EXISTING RAILROAD TRACKS
- EXISTING SIGN
- EXISTING UTILITY POLE
- EXISTING TREE
- EXISTING CONTOUR
- EXISTING PAVEMENT TO REMAIN
- PROPOSED PAVEMENT
- PROPOSED CONTOUR
- PROPOSED SILT FENCE
- TEMPORARY SOIL STABILIZATION (INTERMEDIATE CONTROL MEASURE)
- LAWN RESTORATION/RENOVATION

GENERAL SESC NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL CONTRACT DOCUMENTS, APPROVED SESC PLANS, PERMIT CONDITIONS AND WITH PARTS 31 AND 91 OF PUBLIC ACT 451 OF 1994. IF REQUIRED, THE OWNER SHALL OBTAIN A SOIL EROSION AND SEDIMENTATION CONTROL(DESC) PERMIT FROM THE APPROPRIATE MUNICIPAL ENFORCING AGENCY (MEA) OR COUNTY ENFORCING AGENCY (CEA). PERMIT FEES AND ROUTINE INSPECTIONS CHARGED BY THE MEA/CEA WILL BE PAID FOR BY THE OWNER.
2. PRIOR TO BEGINNING ANY EARTH CHANGE, THE CONTRACTOR SHALL RETAIN A DEQ CERTIFIED STORM WATER OPERATOR (CSWO) TO PROVIDE THE REQUIRED SESC REPORTS (WHICH INCLUDE THE WEEKLY AND STORM EVENT REPORTS AS WELL AS ALL FOLLOW UP REPORTS FOR BOTH VIOLATIONS AND STORM EVENT CORRECTIONS) ON THE STANDARD DEQ FORM. THE CONTRACTOR SHALL PROVIDE THE REPORTS TO THE OWNER ON A WEEKLY BASIS, AND RETAIN THOSE REPORTS FOR THREE (3) YEARS.
3. PRIOR TO BEGINNING ANY EARTH CHANGE, AND DURING THE LIFE OF THE CONTRACT, THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL TEMPORARY SESC MEASURES AS SHOWN ON THE CONTRACT DOCUMENTS. SESC PLANS, AND AS DIRECTED BY THE OWNER, CSWO, MEA/CEA UNTIL THE CAPITAL AREA TRANSPORTATION AUTHORITY (CATa) OFFICIALLY TAKES OVER RESPONSIBILITY FOR THE SITE.
4. IMMEDIATELY PRIOR TO CATa TAKING RESPONSIBILITY FOR THE SITE, THE CONTRACTOR:
 - a. WILL BE REQUIRED TO CLEAN ALL CATCH BASINS AFFECTED BY THE CONSTRUCTION, BOTH WITHIN THE CONTRACT LIMITS AND ALL SURROUNDING ROADS AND LAWN AREAS WHEN SOIL MAY HAVE SPREAD AS THE RESULT OF CONSTRUCTION ACTIVITIES.
 - b. SHALL PUT ALL TEMPORARY SESC MEASURES IN SATISFACTORY CONDITION AS DETERMINED BY THE CSWO.
5. ALL TEMPORARY SESC MEASURES WILL REMAIN IN PLACE AND WILL BECOME THE PROPERTY OF THE OWNER WHEN RESPONSIBILITY FOR MAINTAINING THE SESC MEASURES BECOMES THE OWNER'S RESPONSIBILITY.
6. THE CONTRACTOR SHALL CONDUCT ALL EXCAVATION, FILLING, GRADING, AND CLEANUP OPERATIONS IN A MANNER SUCH THAT SEDIMENT, GENERATED BY WIND OR WATER IS NOT DISCHARGED OFF SITE OR INTO ANY STORM SEWER, DRAINAGE DITCH, RIVER, LAKE, AIR, OR UNDERGROUND UTILITY SYSTEM. STAGE THE WORK PER PLAN TO MINIMIZE THE AREA OF EXPOSED SOIL, THEREBY REDUCING THE OPPORTUNITY FOR SOIL EROSION.
7. WATER FROM TRENCHES AND OTHER EXCAVATION SHALL BE PASSED THROUGH AN APPROVED FILTRATION BAG TO REMOVE SEDIMENTS FROM THE WATER BEFORE IT IS RELEASED INTO THE STORM WATER DRAINAGE SYSTEM.
8. IF SEDIMENT EXTENDS BEYOND THE PROJECT LIMITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP AND RESTORATION OF ALL SURFACES AND UTILITY SYSTEMS TO THE CONDITION THAT EXISTED PRIOR TO THE CONTRACT AWARD.
9. ALL SESC MEASURES SHALL BE MAINTAINED DAILY.
10. SHOULD VIOLATIONS (IRRESPECTIVE OF A FINE BEING ASSESSED) BE IDENTIFIED BY THE OWNER, CSWO, MEA/CEA OR DEQ, THEY SHALL BE CORRECTED WITHIN 24 HOURS OF NOTIFICATION. THE CORRECTION(S) SHALL BE APPROVED BY THE OWNER, CSWO, MEA/CEA OR DEQ. ALL SUBSEQUENT INSPECTIONS PERFORMED BY THE OWNER, CSWO, MEA/CEA OR DEQ AS A RESULT OF THE VIOLATION (AND ANY OTHER ASSOCIATED COSTS) WILL BE PAID BY THE CONTRACTOR. IF IDENTIFIED VIOLATIONS ARE NOT CORRECTED WITHIN 24 HOURS OF WRITTEN NOTICE, THE OWNER SHALL HAVE THE RIGHT TO MAKE NECESSARY REPAIRS AT THE CONTRACTOR'S EXPENSE, WITHOUT BEING REQUIRED TO PROVIDE FURTHER NOTICE TO CONTRACTOR.
11. FINES ASSESSED AS A RESULT OF THE VIOLATION FOR NON-COMPLIANCE OF THE SESC PROVISIONS, WILL BE PAID BY THE CONTRACTOR. SHOULD A "STOP WORK" ORDER FOR NON-COMPLIANCE BE ISSUED, A TIME EXTENSION REQUEST FOR THAT TIME PERIOD WILL NOT BE GRANTED. (FINES COULD BE ASSESSED UP TO AND INCLUDING \$25,000/DAY FOR EACH VIOLATION).
12. CONSTRUCTION ACCESS ROADS WILL BE PROTECTED WITH CRUSHED STONE OR CRUSHED CONCRETE, AGGREGATE (GAS) AS PER CITY OF EAST LANSING SESC DETAILS (REFER TO CITY OF EAST LANSING STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS)
13. EX. WALKS AND PAVEMENTS CALLED OUT FOR REMOVAL WILL REMAIN IN PLACE FOR SOIL EROSION CONTROL UNTIL READY TO REMOVE & REPLACE.
14. MATERIAL STOCKPILES WILL BE LOCATED BY CONTRACTOR AS NEEDED FOR EACH PHASE OF THE PROJECT. ALL MATERIAL STOCKPILES WILL BE PROTECTED WITH SILT FENCE 10' FROM TOE OF SLOPE.
15. ANY SEDIMENT TRACKED OUT OF PROJECT AREA ONTO PUBLIC STREETS MUST BE CLEANED UP THE SAME DAY IT OCCURS.

