

**City of Philadelphia
Department of Commerce
Division of Aviation**

**PHILADELPHIA INTERNATIONAL AIRPORT
SACRIFICIAL SLABS PHASE 2**

AMENDMENT

**Amendment No. 1
Bid No. 6502**

**Dated: September 11, 2019
Bid Opening Date: September 26, 2019**

NOTICE

It is the sole responsibility of the seller to ensure that it has received any and all amendments, and the Procurement Commissioner may in his/her sole discretion reject any quote for which all amendments have not been executed and returned.

PROPOSAL FOR:

Project No.: PHL-1901.24

**Description: Philadelphia International Airport
Sacrificial Slabs Phase 2**

IS AMENDED AS FOLLOWS:

I. PROJECT MANUAL REVISIONS

1. Section C-1.33: Change Time to Complete from 354 to **262 Calendar Days** from the date of the Notice to Proceed
2. Pre-Bid Meeting Presentation Slide 16: Tinicum Township permit questions contact Antoinette Meindl. Phone: 610-521-3530 ex 109; Fax: 484-494-4117; Email: admin@Tinicumtpdco.com

II. DRAWING REVISIONS

1. None with this amendment

III. ATTACHMENTS

1. Pre-Bid Meeting Minutes (3 pages)
2. Pre-Bid Meeting Presentation (35 pages)
3. Pre-Bid Meeting Sign-In Sheet (2 pages)

***NOTE: SELLER MUST ACKNOWLEDGE RECEIPT OF AMENDMENTS ON PHLCONTRACTS**

END OF AMENDMENT NO. 1

PRE-BID MEETING MINUTES

Day/Date: Thursday, September 05, 2019
Time: 10:30 AM – 11:30 AM
Subject: Pre-Bid Meeting
Location: 1 International Plaza, Suite 200

Lia Sutanto led the presentation for the non-mandatory Pre-Bid 6502 Sacrificial Slabs Meeting. The PowerPoint presentation and sign-in sheet are included as an attachment to amendment No. 1. The following are notes based on discussion during the presentation:

1. Ms. Sutanto introduced the project team and gave a brief overview of the project. She encouraged to all present to walk the site and become familiar with the existing conditions before bidding. Download and read the full plans and specs. DOA requires up to 1 week to coordinate the site-walk, so please get your requests in as soon as possible.
2. The Labor Standards representative explained their labor requirements and procedure.
 - Certified payrolls are to be submitted through LCP tracker
 - New Diversity requirement: minimum of 25% minority participation based on work hours was discussed. Contractors expressed a concern over meeting this requirement as they have no control on race or gender when workers come from the union hall. It was noted that expected total work hours will need to be submitted and around 15% of the contract completion, a check will occur to see where the contract falls with respect to work hours and minority participation.
3. There have been “bugs” with the Philly contracts website. This was acknowledged by DOA and the contractors present. It is suggested that added follow up by contractors take place to ensure bids were entered and questions were received until the website issues have been rectified.
4. The contractor’s PM will need to be able to use eBuilder as DOA uses it as document management tool during construction.
5. The loop detectors will be demolished and not replaced.
6. Winter shutdown is not included in contract duration and will need to be requested by the selected contractor.
7. Airport badging has historically taken 2-4 weeks, but a newer process is being implemented that is looking to reduce this duration. Contractor shall consider time and costs for badging when preparing their bids.
8. There is no need for contractor to enter movement area. Entering the movement area is not permitted and subject to fines/suspensions of offenders.
9. Permit Fees
 - It was requested an email for Antoinette. Her email will be added via amendment.

- Contractor shall confirm with local jurisdiction which permits are required prior to bidding
- Design team is going to review permitting with DOA as this is a maintenance project, perhaps it will not apply.
- It was noted that permits may be required per terminal. DOA to review this requirement and any required changes will be issued via future amendment.

10. Slab Jacking

- Discussion of sealing, cleaning, sawing, etc. and how they were paid. Design team to review and revise documents as required if the work is not clearly defined.
- Any slab jacking will require monitoring by the contractor and jacking will be discontinued if adjacent pavements are noted to be moving.
- It was noted there are conduits mounted to the building near terminal F, the contractor inquired if this would impact slab jacking. Design team will review and offer any clarifications via amendment.
- It was noted slab jacking is generally measured by the pound of material that passes through the “gun”. Design team to review the specifications and make any required adjustments via future amendment.
- The acceptance criteria for straightedge was requested. Design team to review specifications and offer clarification if required.
- A garden hose/water isn't readily available inside the AOA, contractor shall plan to bring water to complete their required work.

11. Replace with reinforcement

- C-501 Detail 6, contractor requested a cross-section of this detail. Design team will review the details and include any required revisions in an amendment.

12. Joint sealants

- Contractors suggested Self Leveling over Non-sag or preformed to have cleaner joints. The design team explained the rationale for not using the self-leveling in the larger joints (pre-formed is required) nor using where pedestrians can step into a wider joint. Design team will review plans and offer any clarifications deemed required via a future amendment.
- There are some sealants in the specs that are harder to procure, or that only come in small caulk guns – not practical for this project's quantity. It was noted that the specifications provide several options for sealants in areas where preformed is not required. In the areas requiring preformed sealants, only elastomeric preformed seals will be accepted.
- All construction debris, including any slurry created by sawing/sealing shall be cleaned and disposed of, legally off site by the contractor. DOA has no location available currently to dump any waste materials.
- Sealing does not need to be done for a work area to be reopened to use. The intent was for the sealing contractor to

come only couple times to allow the work to be scheduled and completed efficiently. The contractor will be responsible for joint maintenance of any joints left unfilled. It was noted that filling a joint temporarily with heavy sand may be acceptable, but this will need to be cleaned before sealing the joint properly in accordance with plan details.

- Cork would be acceptable expansion material provided it meets the contract specifications.
- A request to provide additional breakdown on joint materials so that they are not incidental to concrete paving. Design team to review this request with DOA as all new paving currently has joint sealing as incidental to that work. Only work requiring sawing/cleaning existing pavements is currently measured for pavement. Any changes determined to be necessary will be issued with future amendment.
- It was clarified by ADCI that there is no apron joint sealing (like what was included in Phase 1 project) or repairing of cracks in any slabs included with this contract. This contract scope is focused at the apron/terminal interface.

13. Phasing

- Project duration is 262 days, the duration of project manual will be updated via future amendment.
- Contractor needs to review the provided scheduling specification. DOA requires a detailed look at the first 60 days so the project can be coordinated with the impacted stakeholders. John (CM) will coordinate contractor's schedule with stakeholders.
- Only Gate V01 for access is permitted, therefore no gate agreement required.
- The contractor is responsible for stanchions, signage and fencing to keep the worksite safe from non-contractor persons.
- The contractor is responsible for controlling all dust/debris so not to impact equipment/filters/persons or aircraft.
- The contractor is responsible for dewatering any surface water that enters his excavations.
- Temporary bridges are not expected to maintain doorways unless doorways are closed for an unacceptable period.

14. Questions

- A question on which sales tax applies. It was noted that DOA thought the sales tax was point of sale item, but contractor shall check with their local jurisdiction prior to submitting their bids so they calculate the appropriate tax with their bid.

END OF MINUTES



Sacrificial Slabs – Phase 2 Prebid Meeting

PHL-1901.24 – Bid 6502
September 5, 2019



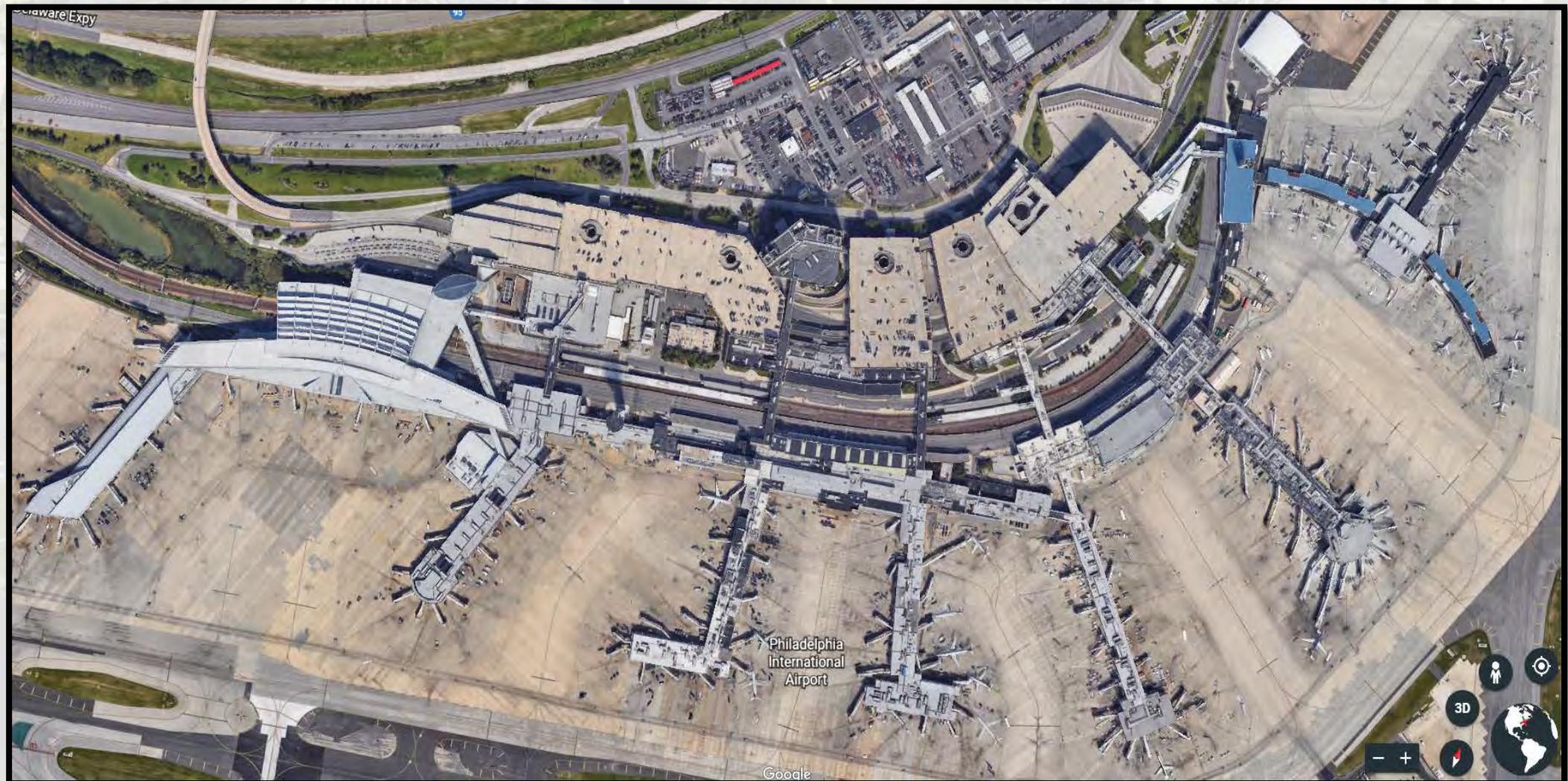
Agenda

- Introductions / Project Points of Contact
- Project Location
- Key Dates
- Notice to Bidders
- Equal Opportunity Plan
- DBE Goals
- Wage Requirements
- Section C
- Site Access/Security
- Insurance/Permits
- Scope of Work and Duration
- Phasing
- Questions

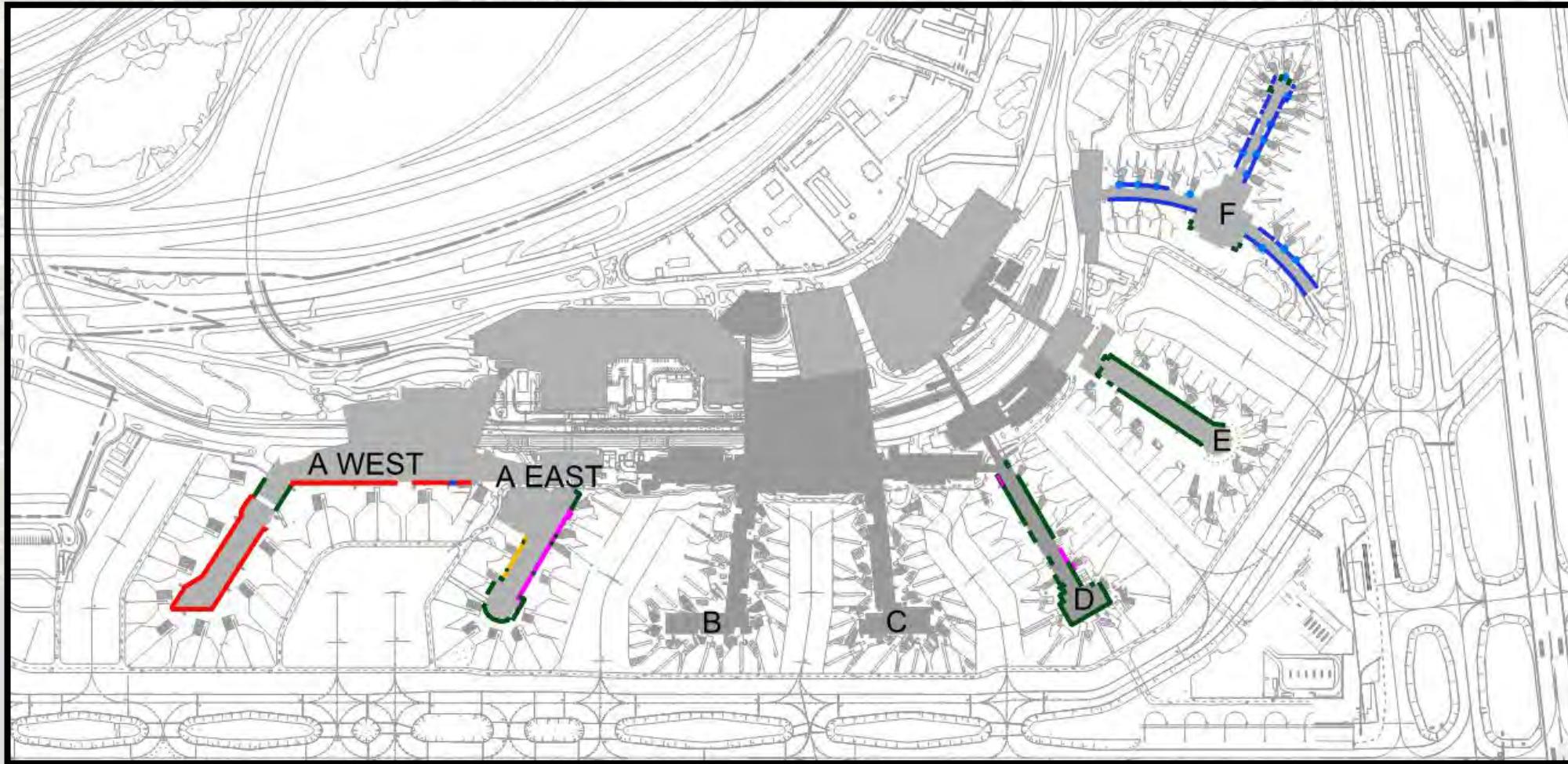
Project Contact Information

- Project Manager
Lia Sutanto, C.M., PMP
Phone: (215) 681-9605, Email: lia.sutanto@phl.org
- Construction Manager (CM)
John Carollo
Phone: (215) 240-3931, Email: john.carollo@phl.org
- Resident Engineer (RE)
Sobi Babu,
Phone: (215)-937-5546, Email: Sobi.Babu@phl.org
- Phone: (215) 240-3931, Email: john.carollo@phl.org
- Design Team
ADCI

Project Location



Project Location



Key Dates

- First/Second Advertisement 8/23 & 27, 2019
- Non-Mandatory Pre-Bid Meeting: 9/5/2019
- Deadline for Financial Questionnaire: 9/12/19
- Deadline for Bidder Questions:
(Note: All questions are due by 5:00pm on 9/12) 9/12/19
- All bidder questions to be submitted on the 'Q&A' tab on the Prequalification Requisition in PHLContracts
(<https://www.phlcontracts.phila.gov/bso/>) 9/26/19
- Bid Opening (10:30 AM): 9/26/19

Notice to Bidders

- Bid documents are posted and available for free download at www.PHLContracts.phila.gov
- Bids valid for **60 calendar days** after bid opening
- City Funded Project
- Single Prime Bid

Bid Submission Requirements

- Any/All Bid Amendments will be issued through PHLContracts
- Bid Bond – 10% of the gross amount of the bid.
- Bid Processing Fee – See clause 11 of the SCR
- Bids must be submitted on PHLContracts **no later than 10:30AM** on bid opening date. **Late bids will not be accepted.**

Equal Opportunity Plan

- OEO Representative :
Marjorie Chance – MBE Coordinator
Phone: (215) 683-2080
Email: marjorie.chance@phila.gov
- OEO Goals for Bid # 6502:
MBE Range – 12% - 15%
AND
WBE Range – 5% - 7%

Wage Requirements

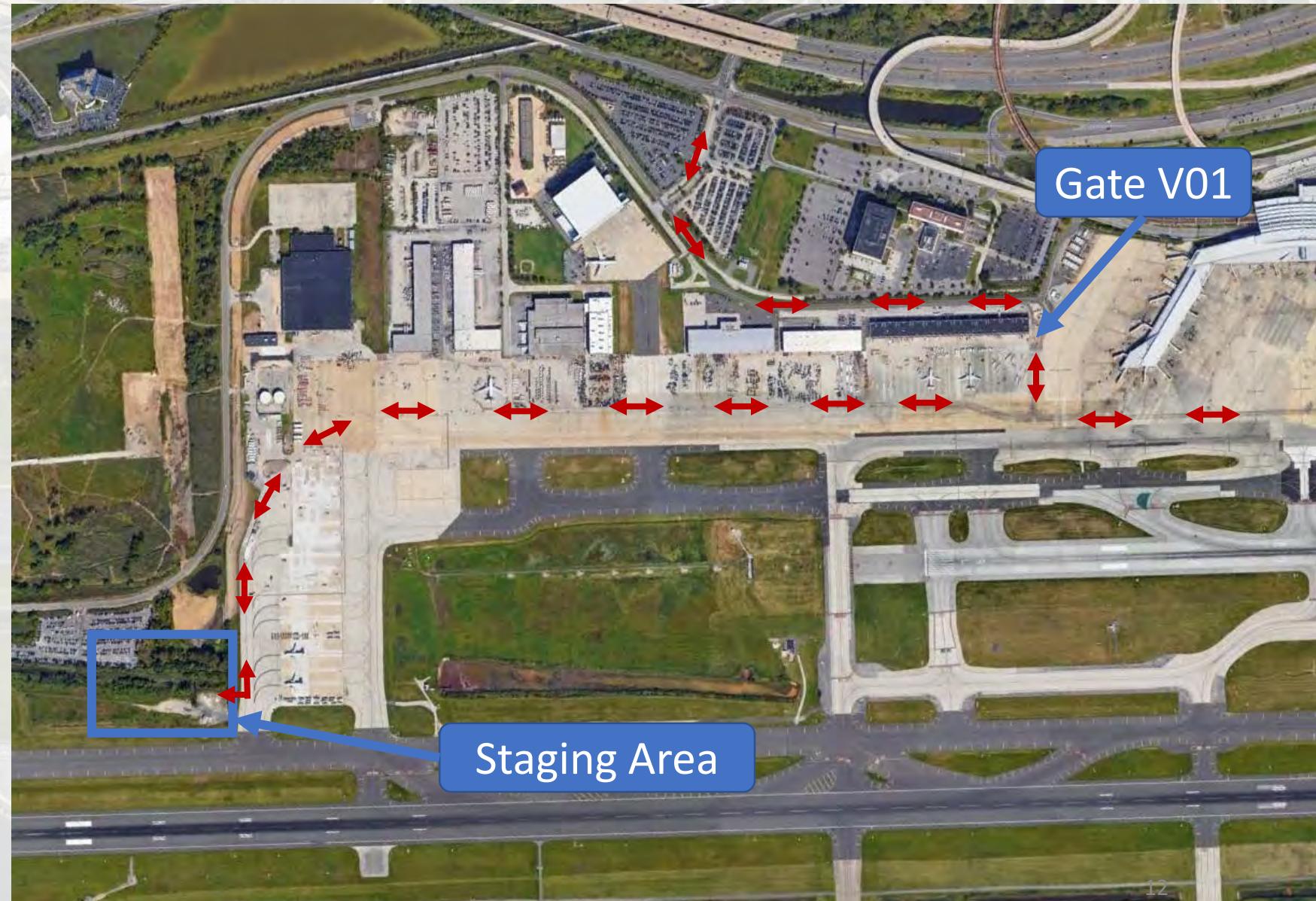
- Labor Standards Representative: Cheryl Waters
- City Wage rates are included. Updated July 9, 2019
- Certified payrolls will be required to be submitted on a weekly basis after NTP, even if there is no work.
- Certified payrolls shall be submitted via the Labor Standard Unit through electronic system - LCP Tracker

Section C. Special Provision

- The City will provide the successful bidder with one (1) electronic copy of the plans and project manuals in PDF format, **no hard copies**.
- Project is located in both Tinicum Township and the City of Philadelphia.
- Contractors must obtain all permits and licenses from both Tinicum Township and Philadelphia
- Contractors must have a dedicated Project Manager. Plan on weekly progress meetings and scheduling meetings.
- Airport Security – Read the security documents provided in the bid specifications Section 7. All contractors must be badged. Gate guards **will** be provided by DOA **to operate Gate V01** .
- Project Duration: Total Project Duration is 262 calendar days (Not including Winter Shutdown). Contractor may request winter shut down.
- Work Hours: 10pm-6am, 7 days a week

Site Access and Staging Area

- Gate V01
- DOA-supplied guards
- All Contractor personnel must be badged



Airport Security

- PHL Rules and Regulations
- PHL Changed Conditions Affecting Security Guidelines
- Security Identification Display Area Training
- Complete Security Threat Assessment (STA)
- Complete Criminal History Record Checks (CHRC)
- Physical Vehicle Inspection Training
- Basic Security Awareness Training
- Fingerprinting : \$32
- ID Badge : \$33

Vehicular & Equipment Travel

- Airport badge
- Airfield Driver Training - Non Movement Area Training
- Properly marked company owned vehicles
- Checkered Flags, beacons
- Flag persons
- Haul Routes

Insurance Requirements

- City of Philadelphia – Mentioned in Bid Documents
 - Commercial and Auto Liability - \$5 Million each

Additional Insured

- City of Philadelphia (officers and agents)
- FAA
- Tinicum Township

Permit Fees

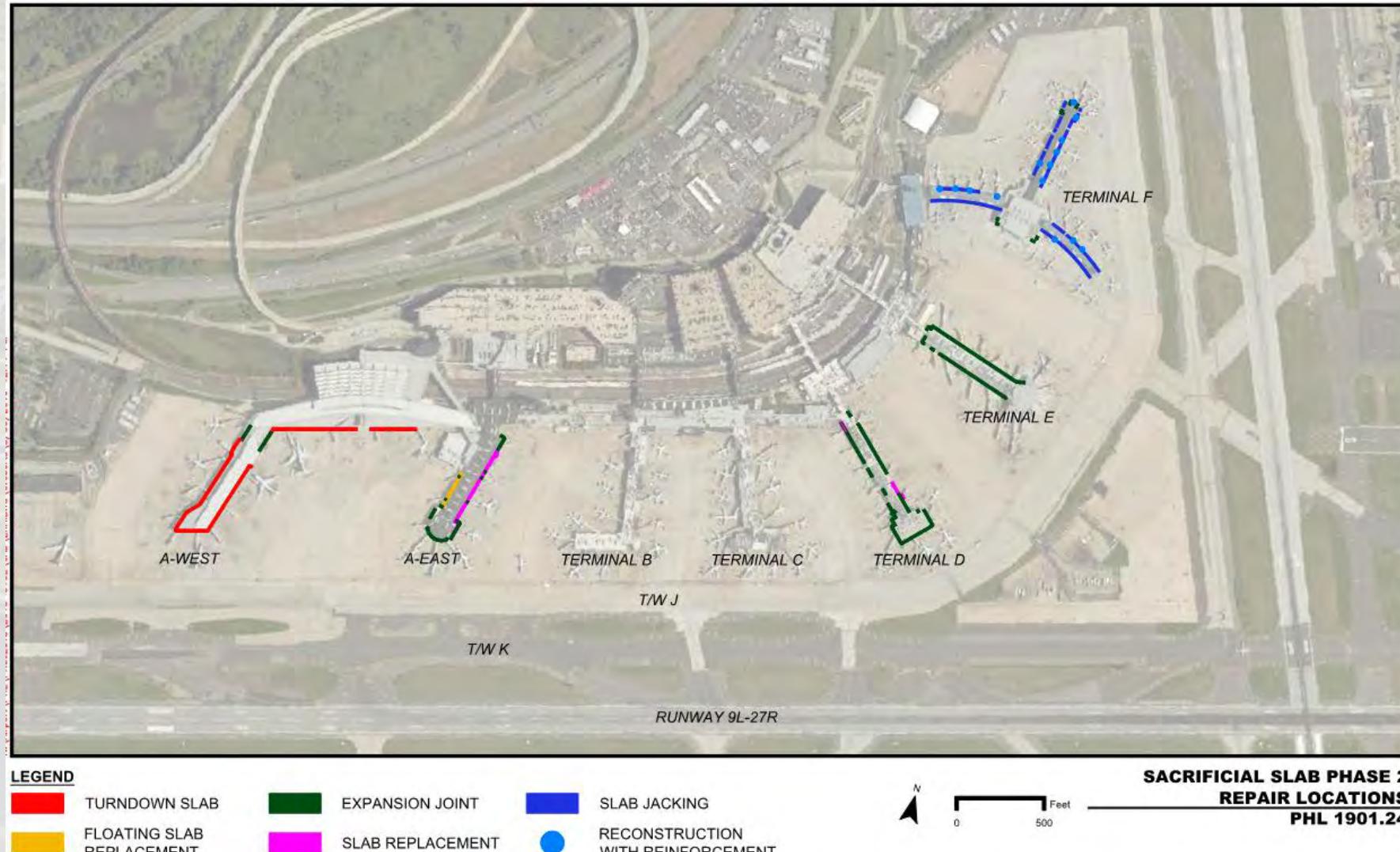
- Tinicum Township – for the work done in Tinicum Township
- For Tinicum Township permit and miscellaneous questions – Antoinette Meindl (610) 521-3530

Training/Insurance/Bonds/Airport Security Training

- All costs to be paid by the Contractor. There will not be a separate bid item for these items and should be included in Mobilization/Demobilization cost.

Scope of Work

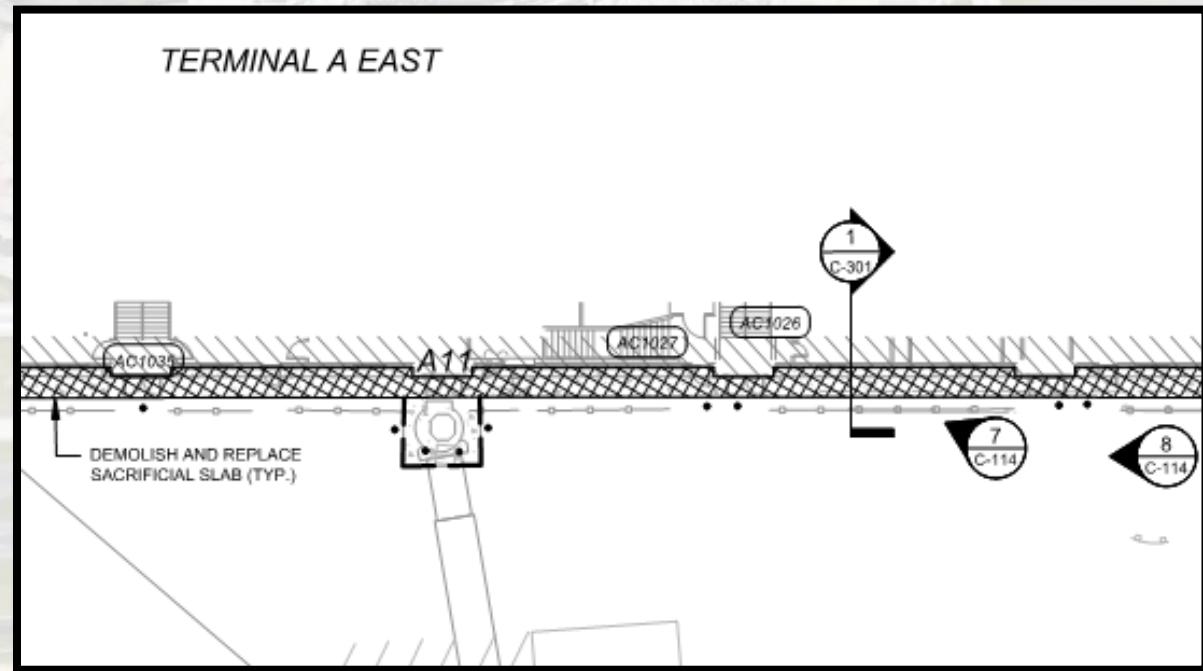
- Repair/Replace damaged protection slabs around terminal buildings
- Unit Price



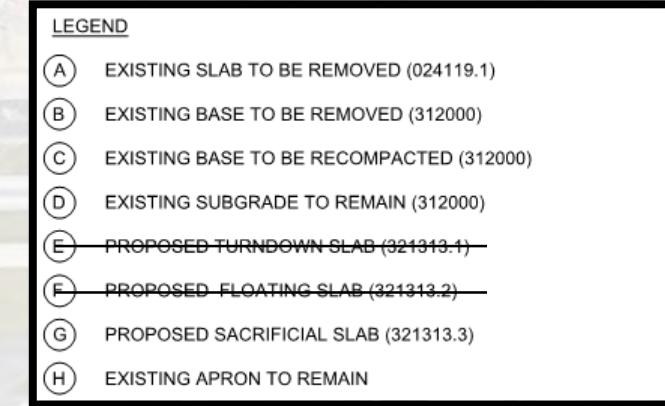
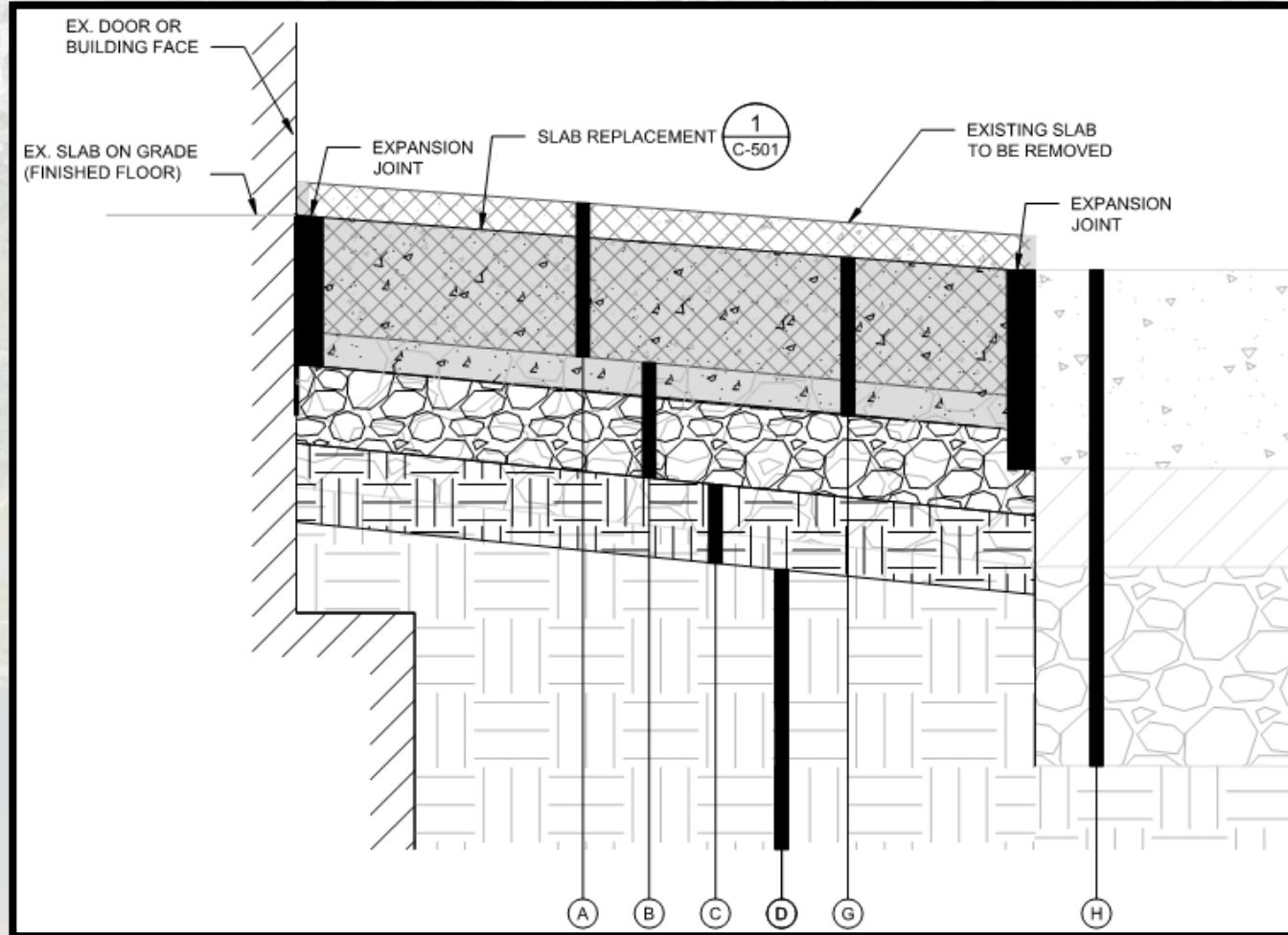
Scope of Work

- Sidewalk Demolition/Reconstruction
- Joint Maintenance/Installation
- Slab Jacking
- Contractor to verify all site conditions prior to start of construction
 - *Contractor shall work around any Utilities/Slab impediments identified to remain (Hydrants, Bollards, Vents, etc.)

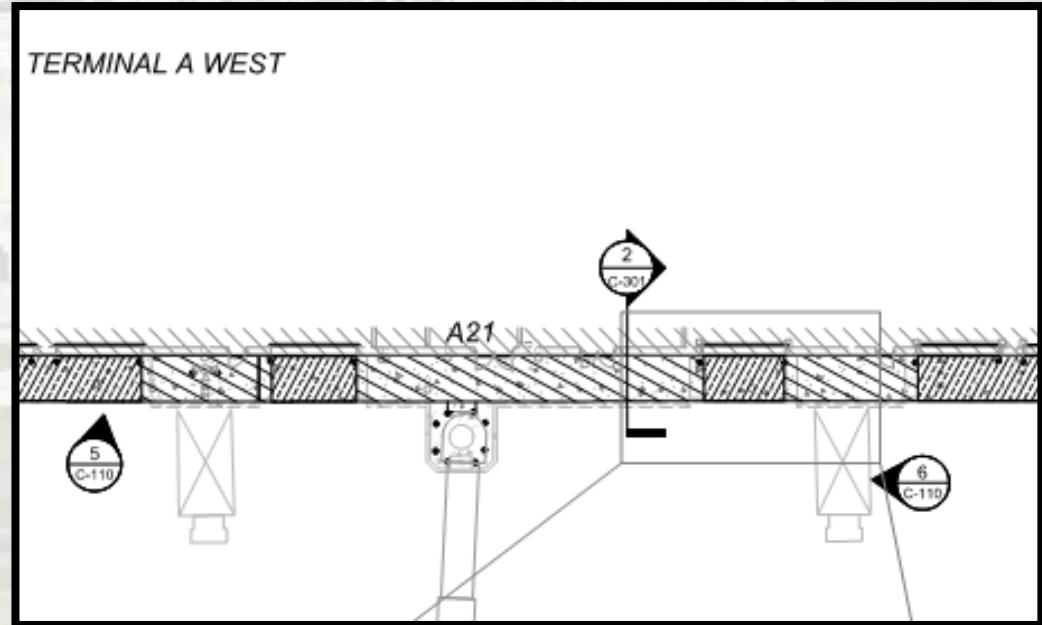
Sacrificial Slab Repair



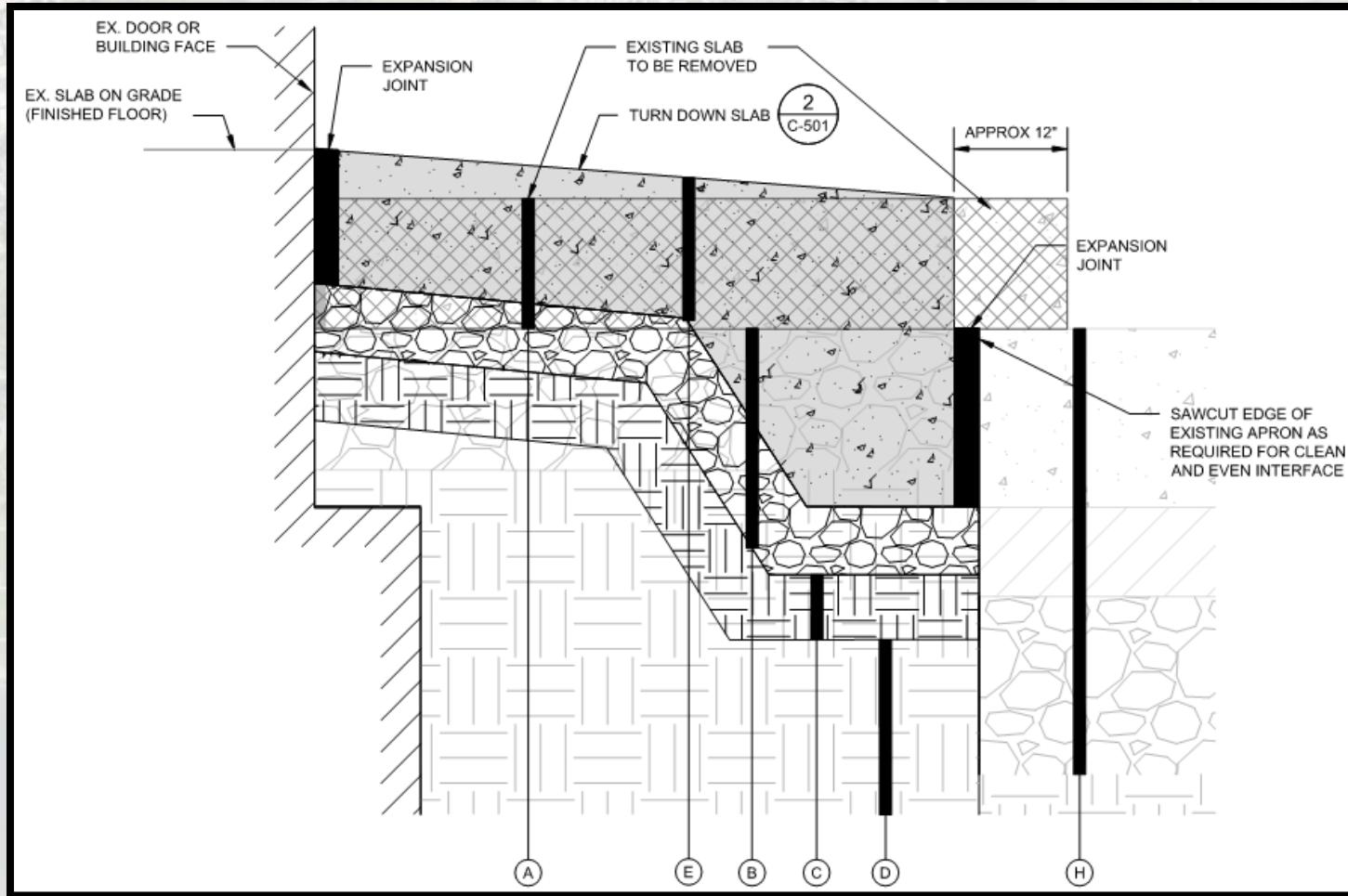
Sacrificial Slab Typical Section



Turndown Slab Repair



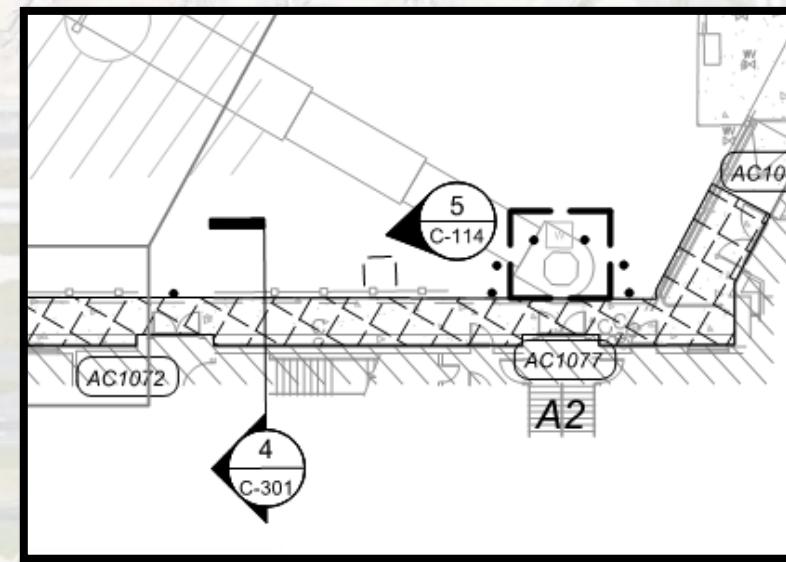
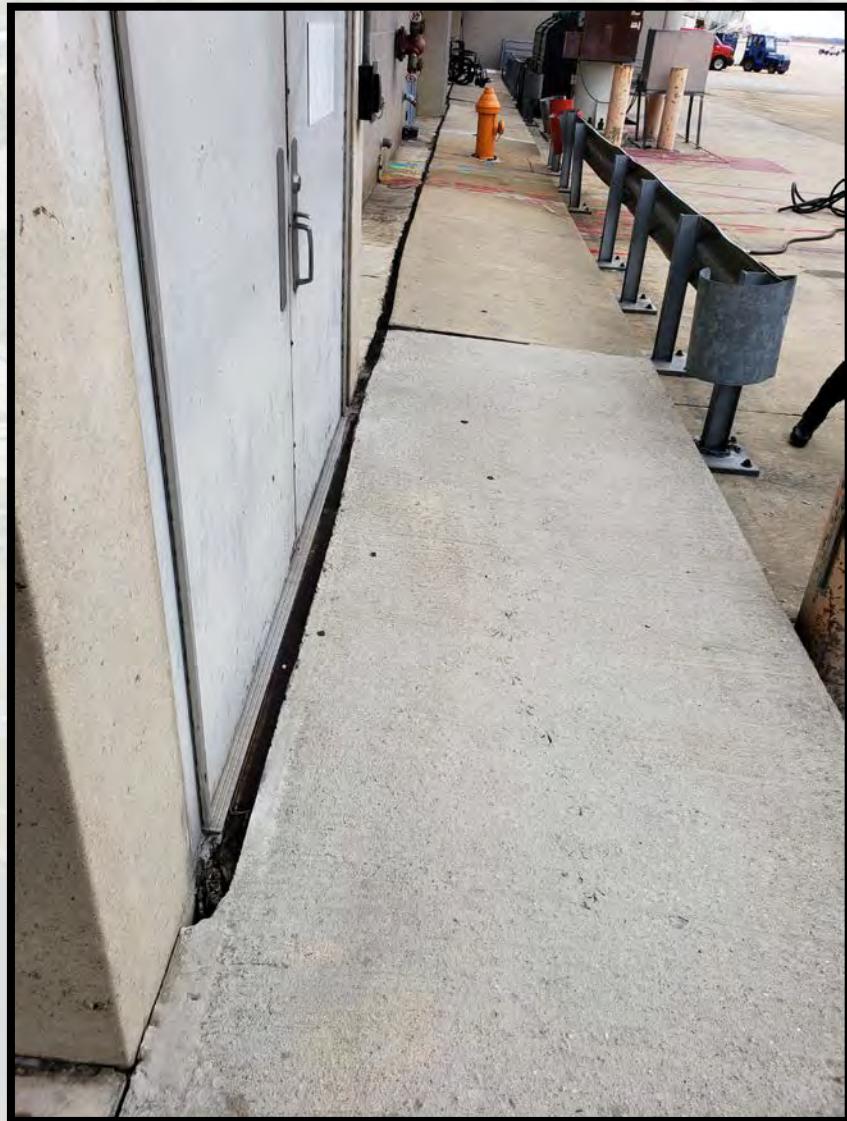
Turndown Slab Typical Section



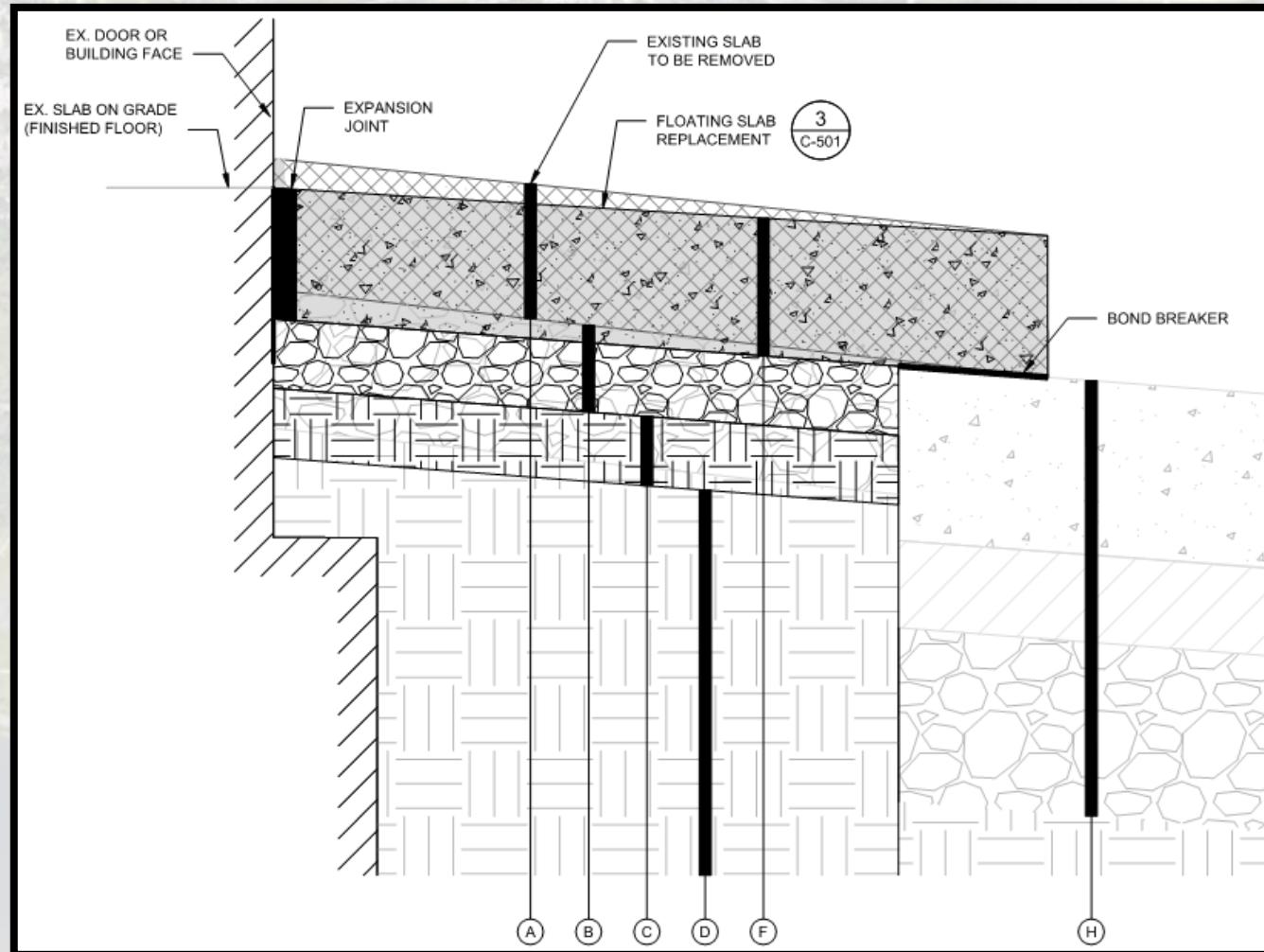
LEGEND

- (A) EXISTING SLAB TO BE REMOVED (024119.1)
- (B) EXISTING BASE TO BE REMOVED (312000)
- (C) EXISTING BASE TO BE RECOMPACTED (312000)
- (D) EXISTING SUBGRADE TO REMAIN (312000)
- (E) PROPOSED TURNDOWN SLAB (321313.1)
- (F) PROPOSED FLOATING SLAB (321313.2)
- (G) PROPOSED SACRIFICIAL SLAB (321313.3)
- (H) EXISTING APRON TO REMAIN

Floating Slab Repair



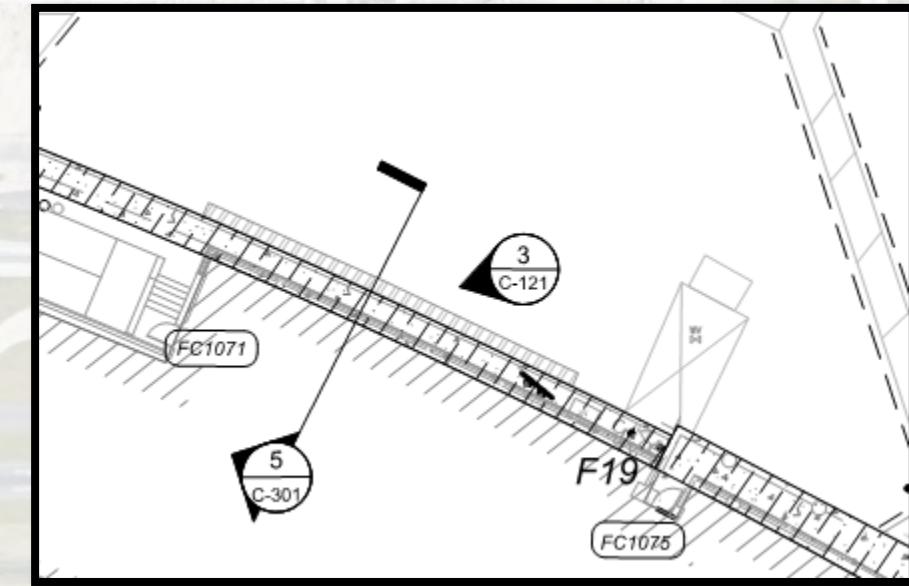
Floating Slab Typical Section



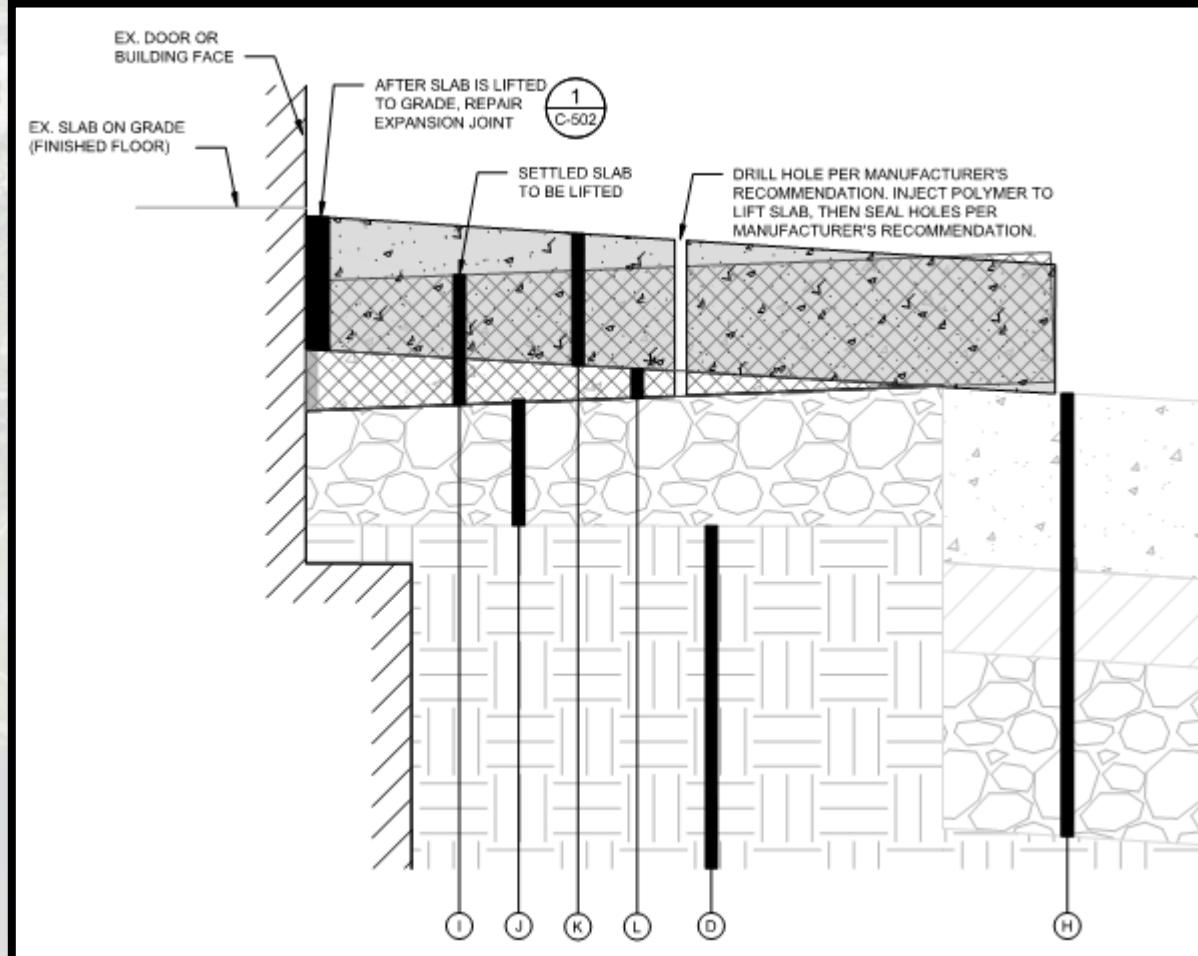
LEGEND

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- (F) PROPOSED FLOATING SLAB (321313.2)
- (G) PROPOSED SACRIFICIAL SLAB (321313.3)
- (H) EXISTING APRON TO REMAIN

Slab Jacking Repair

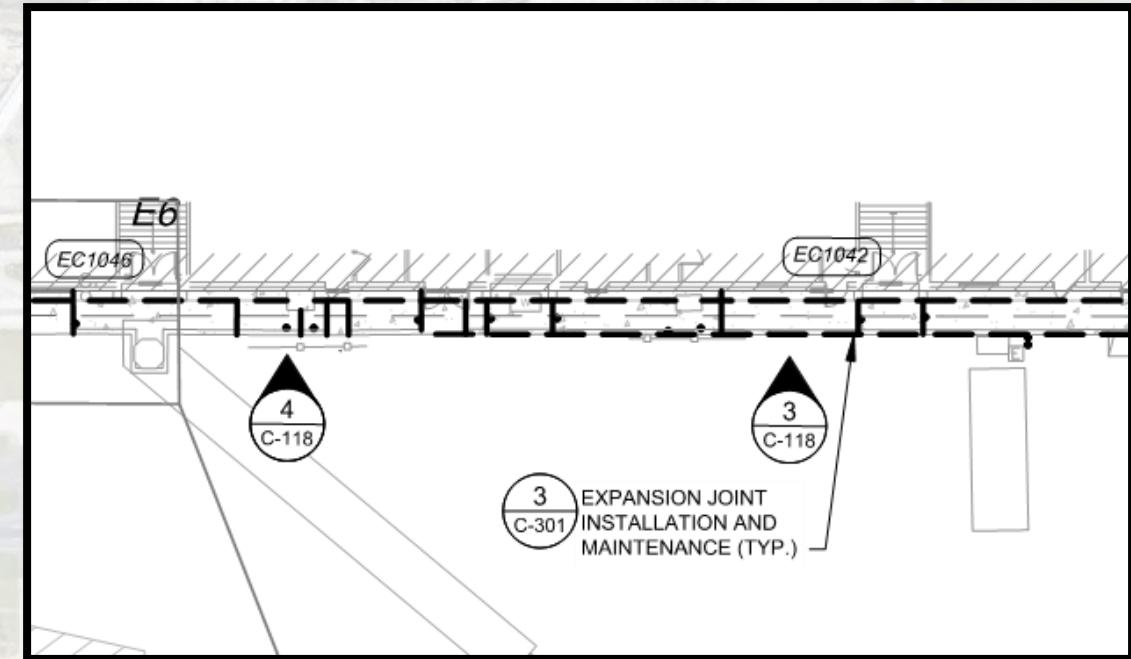


Slab Jacking Typical Section

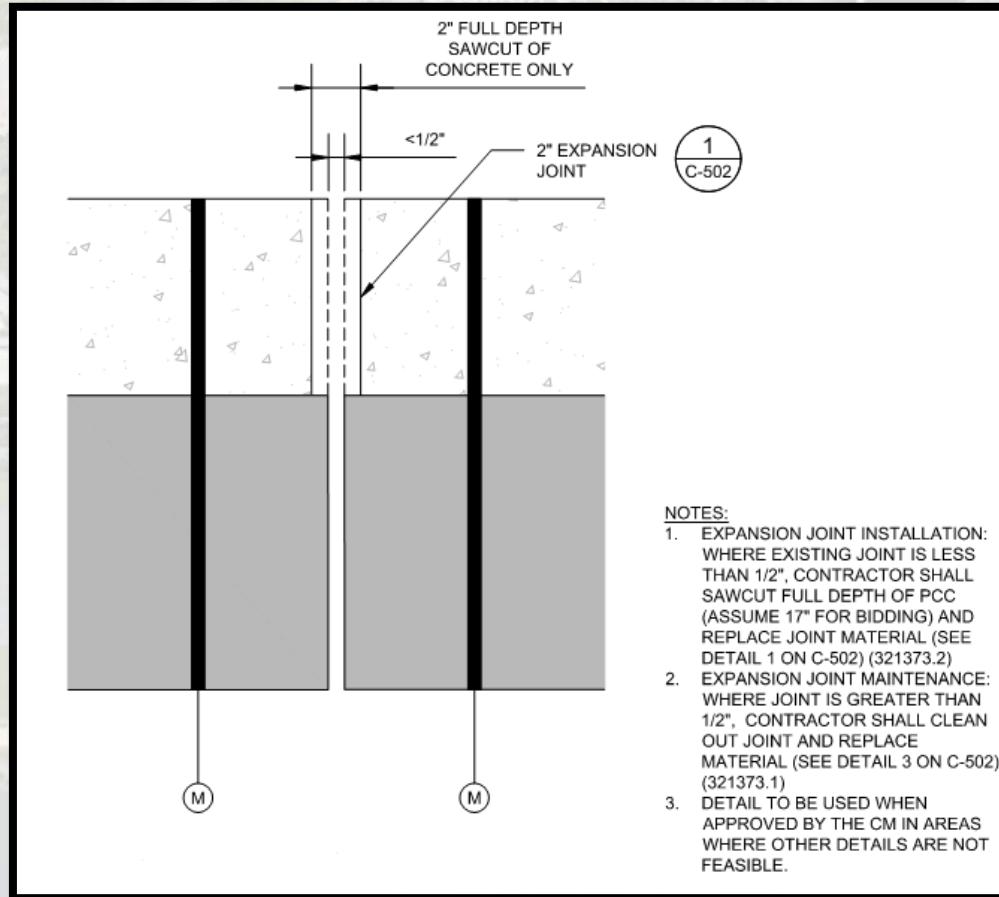


- (D) EXISTING SUBGRADE TO REMAIN (312000)
- (E) PROPOSED TURNDOWN SLAB (321313.1)
- (F) PROPOSED FLOATING SLAB (321313.2)
- (G) PROPOSED SACRIFICIAL SLAB (321313.3)
- (H) EXISTING APRON TO REMAIN
- (I) EXISTING SLAB BEFORE JACKING
- (J) EXISTING BASE TO REMAIN
- (K) EXISTING SLAB AFTER JACKING
- (L) SLAB JACKING FILL MATERIAL TO CORRECT GRADE (029800.1)

Expansion Joint Repair

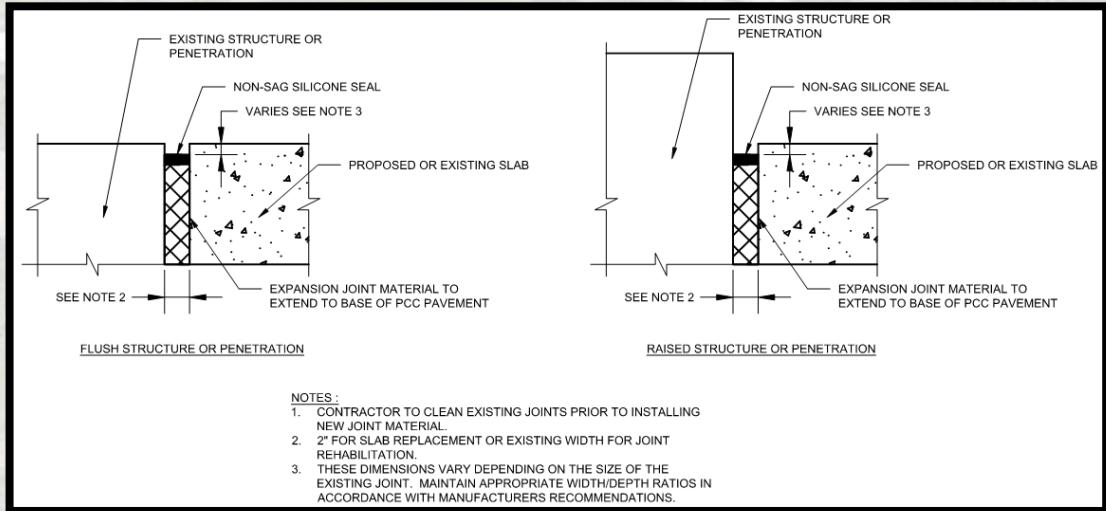


Expansion Joint Repair

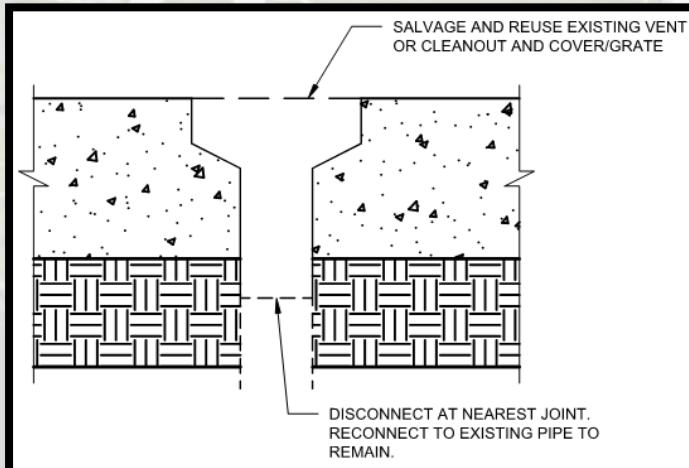


EXISTING WALK OR APRON SLAB TO REMAIN

Repair Details



Expansion Joint at Slab Penetrations



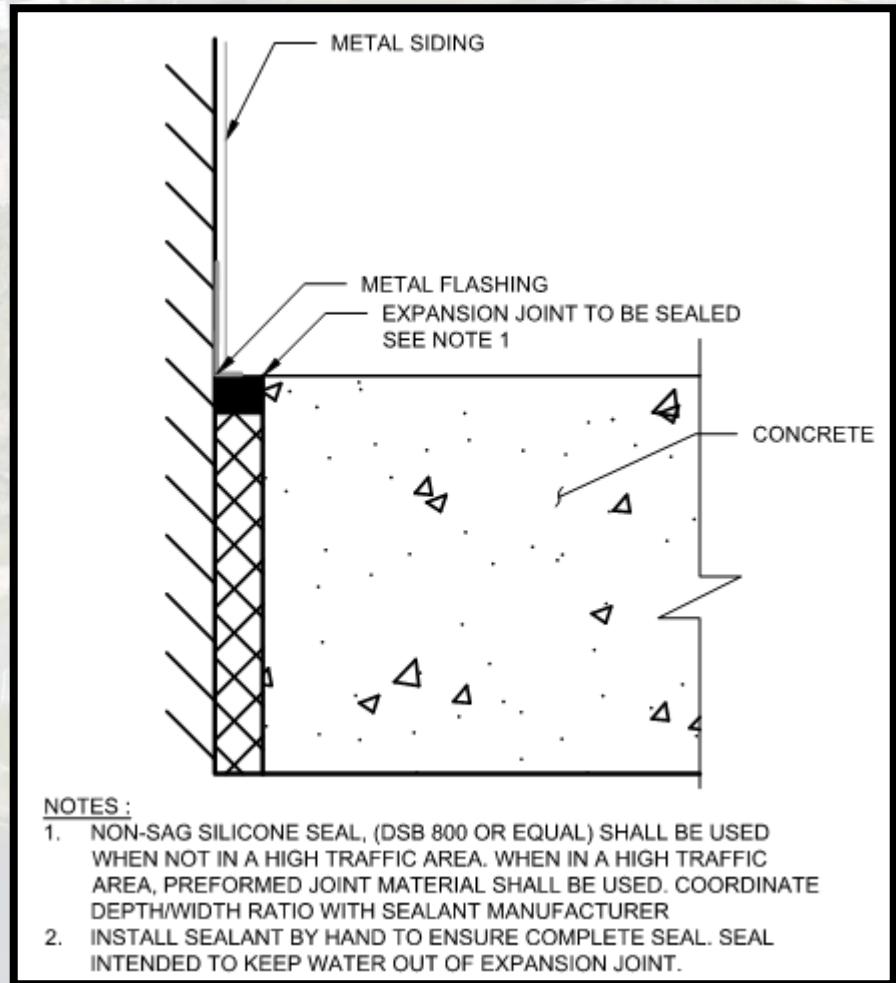
Interaction of Concrete Slab
Around Utilities

“Contractor to work around slab impediments to remain.”

*Quantity of impediments included per sheet



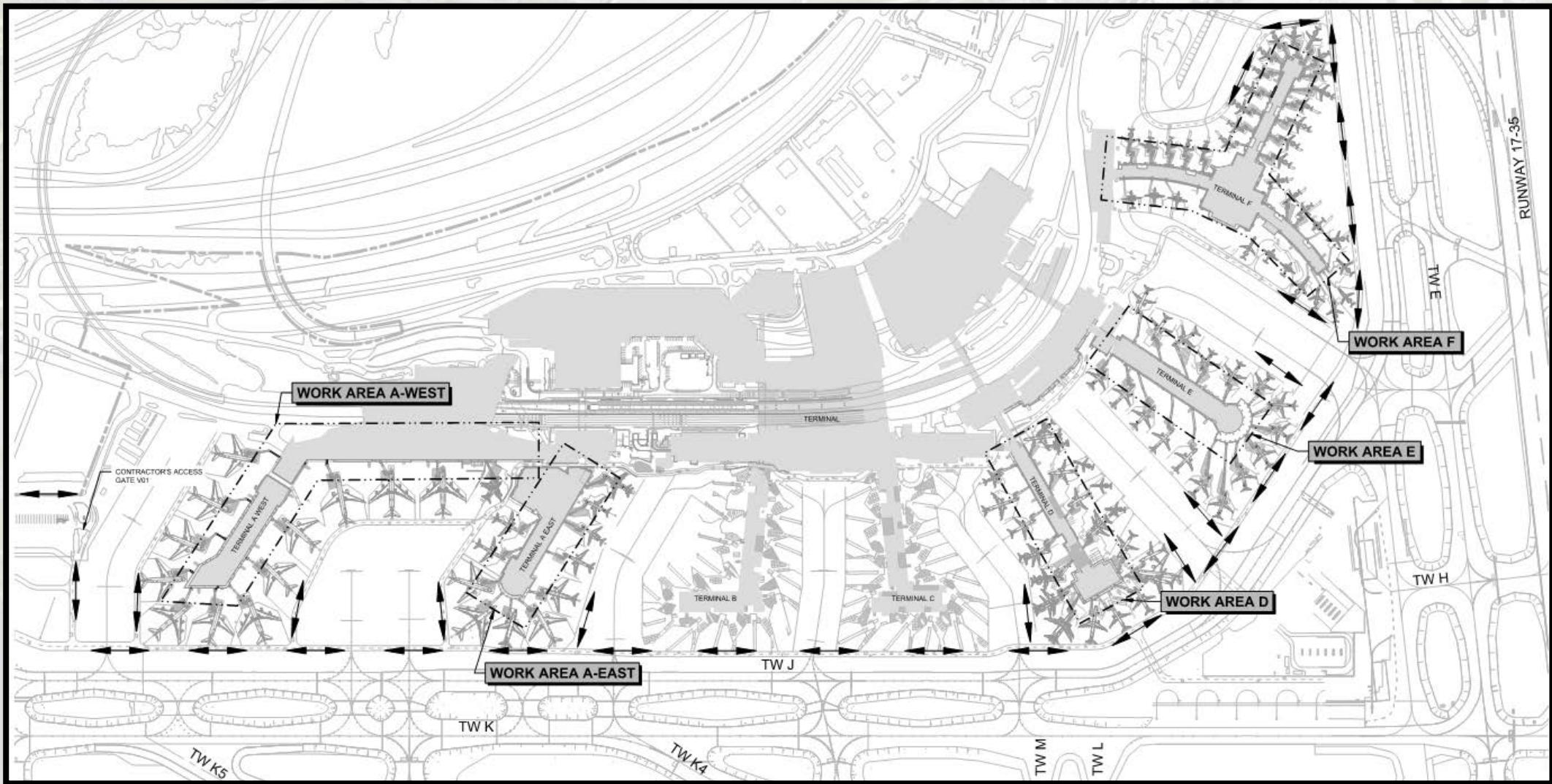
Repair Details



Expansion Joint at Metal Siding

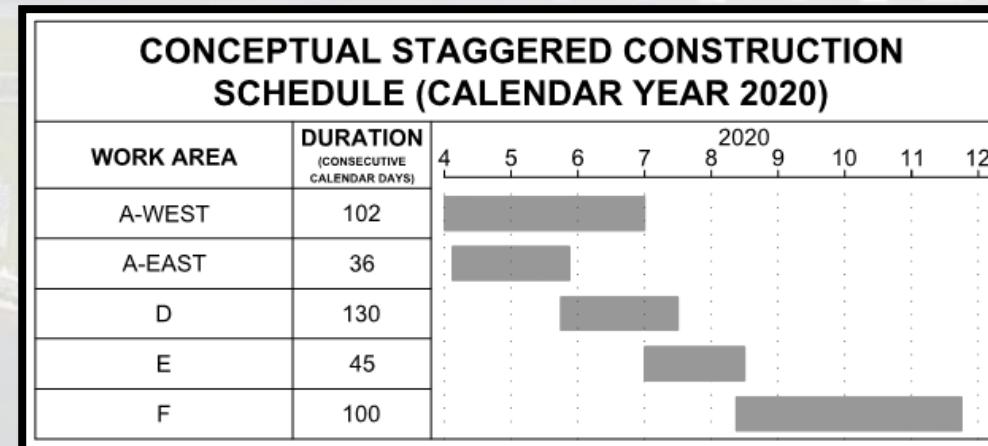


Haul Route



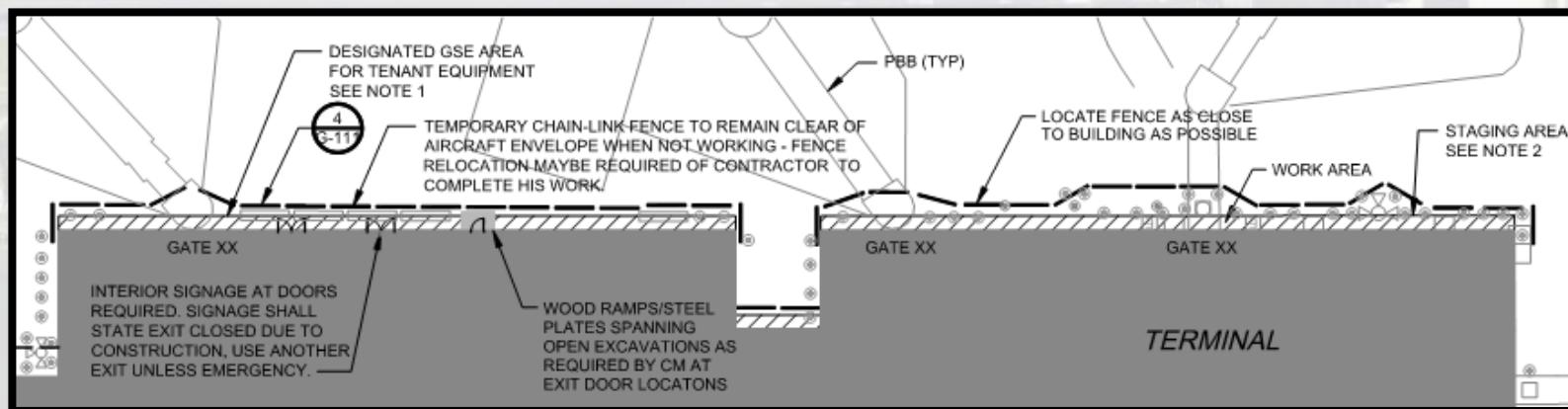
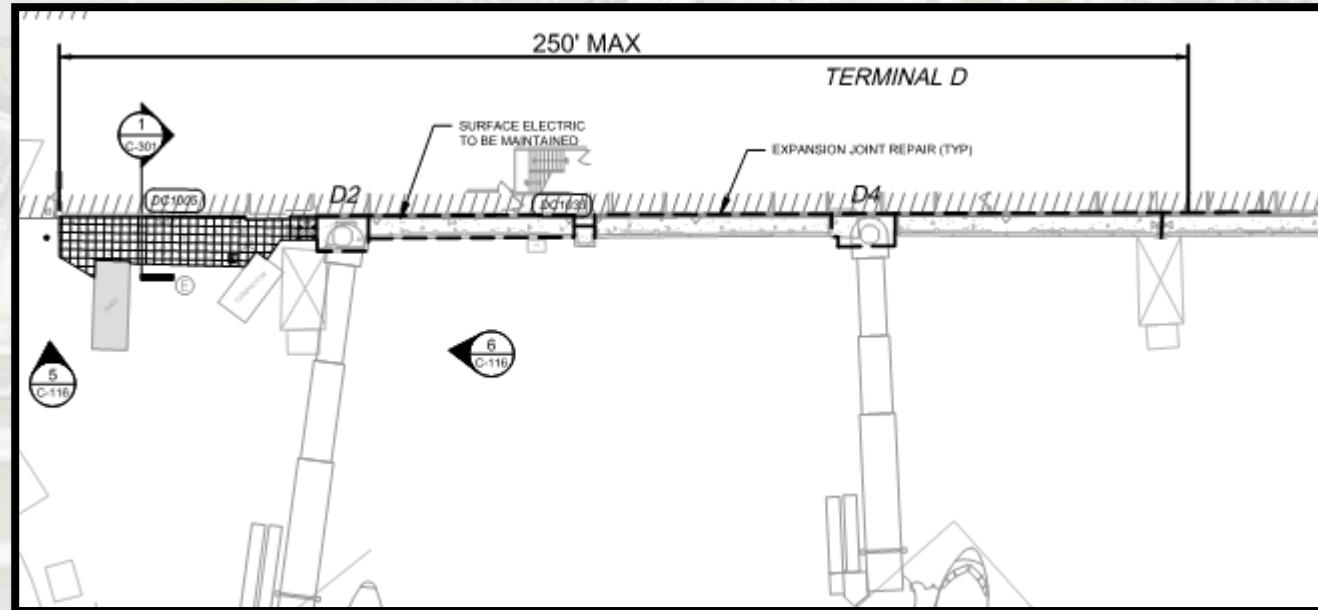
Phasing

- Consecutive Calendar Day Contract
- No sequence dictated – but work area limited 250 linear feet
- Total Duration: 262 consecutive calendar days
- Close Coordination with CM on closures/work areas
- Contractor to submit schedule during mobilization for DOA approval
 - First 60 days in detail for CM review



Phasing Considerations

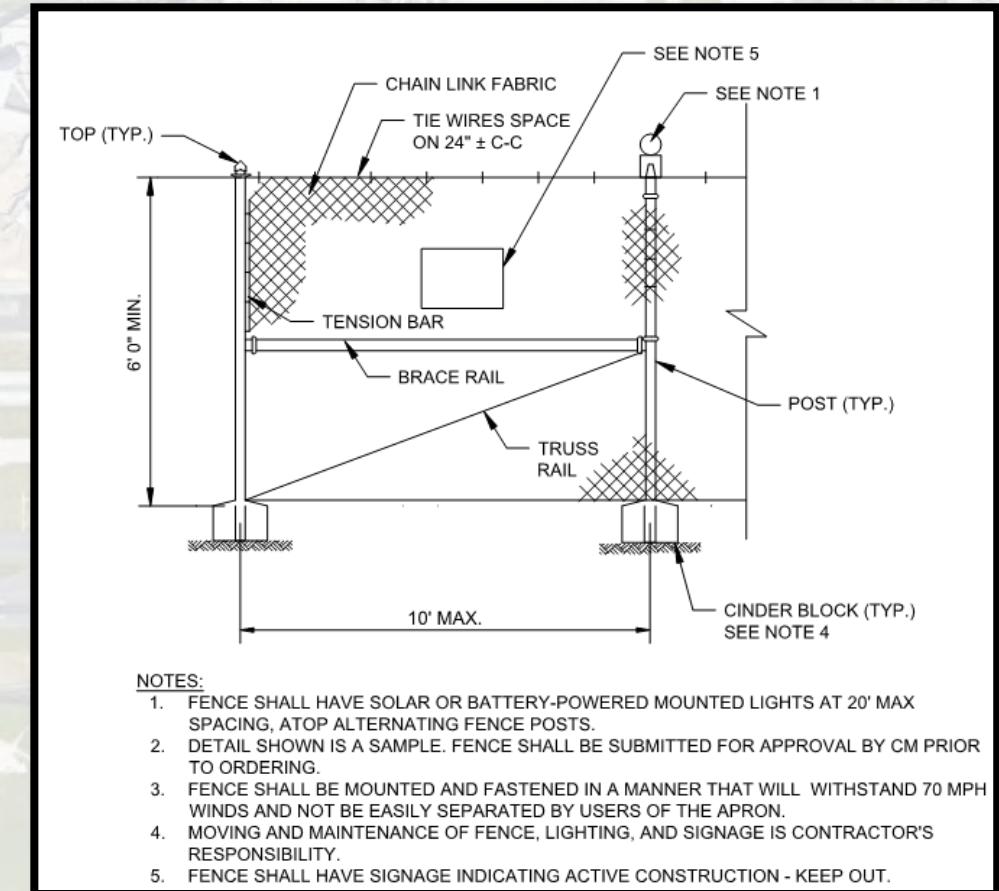
- Max. 250' length sub-areas
 - 3 sub-areas open simultaneously but not adjacent



Typical Safety Set-Up Plan

Phasing Considerations

- Contractor shall provide stanchions inside closed doors
- Contractor shall post laminated 10" x 14" signs that read "EXIT CLOSED DUE TO CONSTRUCTION, USE ANOTHER EXIT" and plan pedestrian detour with CM.



Temporary Construction Chain-Link Fence

Questions?

- This pre-bid presentation will be issued as an amendment.
- All bid questions must be in writing and must be received by 5pm on 9/12/19.
 - Questions must be submitted on the “Q & A” tab in the Pre-Qualification Bid on PHLContracts

MEETING ATTENDEES SIGN-IN SHEET

City of Philadelphia
Division of Aviation
Engineering Unit

Meeting Title: Pre-Bid Meeting

Contract No.: Sacrificial Slabs Phase 2
PHL-1901.24 (Bid No. 6502)

Location: IP1 Conference Room 2 Date: 9/5/2019

<u>NAME</u>	<u>COMPANY</u>	<u>PHONE/FAX</u>	<u>EMAIL</u>
1 <u>MARK FRANZEN</u>	<u>Ramos & Assoc.</u>	<u>215-482-2800/F 482-8789</u>	<u>Ramsassoc@adci.com</u>
2 <u>Matthews & Wurst</u>	<u>ACS</u>	<u>610-532-1419/610-532-1407</u>	<u>Mh@acsphl.com</u>
3 <u>Tim Rivers</u>	<u>Mattiola Services</u>	<u>610-539-5634</u>	<u>Jrivers@mattiola.com</u>
4 <u>Keith Fife</u>	<u>Adci</u>	<u>410-300-4233</u>	<u>Kfif@adci-corp.com</u>
5 <u>Carville Roberts</u>	<u>ADC 1</u>	<u>410-465-9600 X362</u>	<u>carverts@adci-corp.com</u>
6 <u>John Carollo</u>	<u>DOT/ Michael Baker</u>	<u>215-242-3931</u>	<u>John.carollo@phl.org</u>
7 <u>Ryan Shew</u>	<u>AP Construction</u>	<u>856 227 2030</u>	<u>Ryan.e.apconstruction.com</u>
8 <u>Savina McGarity</u>	<u>JPC Group Inc.</u>	<u>856 232 0400</u>	<u>estimating@jpcgroupinc.com</u>
9 <u>Michael Darlin</u>	<u>Stabili Solutions</u>	<u>443-951-1070</u>	<u>m.stabili@stabilitions.com</u>
10 <u>Lon Fabritius</u>	<u>DOT Engr.</u>	<u>(215) 937-6994</u>	<u>lon.fabritius@phl.org</u>
11 <u>Alex Tolocayev</u>	<u>Hives & Kitchens</u>	<u>(267) 436-1176</u>	<u>Atoleackx@hivesgroup.com</u>
12 <u>John W. West</u>	<u>Hones & Kibblesome</u>	<u>484.576.0688</u>	<u>jwest@honesgroup.com</u>
13 <u>Sam Kenogian</u>	<u>HANES & KIBBLE</u>	<u>484 999 1018</u>	<u>JKenogian@HKGROUP.com</u>
14 <u>Morgan Hurst</u>	<u>ACS</u>	<u>610-931-0484</u>	<u>mh@acsphl.com</u>
15 <u>Charles K. Whaner</u>	<u>PLSU</u>	<u>215-686-3570</u>	<u>Charles.Whaner@phl.org</u>

Fonda Jackson Labor Standards 215-686-2157 ~~Fonda Jackson~~ fonda.jackson@phila.gov
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17 Matthew Ellis-Bracke DIA Security 215-937-5452 Matthew.Ellis-Bracke@phl.oct
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