



Wisconsin Department of Transportation

**Division of Transportation Systems
Development**

Bureau of Project Development
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December 9, 2022

NOTICE TO ALL CONTRACTORS:

**Proposal #16: 1000-57-70, FR-CRS-0068-2
Milwaukee Airport 2nd Platform
RR Crossing 393023R To 1200ft South
STH 119
Milwaukee County**

Letting of December 13, 2022

This is Addendum No. 04, which provides for the following:

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
101	G-001 Code Summary & General Notes (Updated note for steel fire protection)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

CODE SUMMARY AND GENERAL NOTES

A. STATE: WISCONSIN MUNICIPALITY: MILWAUKEE
 ADDRESS: 5601 S. 6TH STREET MILWAUKEE, WI
 THIS IS A REVISION OR INFORMATION ONLY AND SHALL NOT BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL IDENTIFY AND COMPLY WITH ALL APPLICABLE CODES, REFER TO CHAPTER 34 (EXISTING STRUCTURES) OF THE IBC WHERE APPLICABLE.
 2015 INTERNATIONAL BUILDING CODE*
 WISCONSIN ADMINISTRATIVE CODE
 PLUMBING CODE
 MECHANICAL CODE
 2015 INTERNATIONAL MECHANICAL CODE*
 ELECTRICAL CODE
 2017 NATIONAL ELECTRICAL CODE*
 FUEL GAS CODE
 2015 NATIONAL FUEL GAS CODE*
 FIRE CODE
 2015 NATIONAL FIRE CODE*
 ACCESSIBILITY CODE
 TRANSPORTATION ACCESSIBILITY STANDARDS
 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)*
 PLATFORM EGRESS
 2020 EDITION NFPA 130
 *AS MODIFIED BY WISCONSIN ADMINISTRATIVE CODE.

CODE ABBREVIATIONS:
 ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE
 ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASME - AMERICAN SOCIETY OF MECHANICAL ENGINEERS
 CABO - COUNCIL OF AMERICAN BUILDING OFFICIALS
 DOTAS - DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARDS
 IBC - INTERNATIONAL BUILDING CODE
 IFCC - INTERNATIONAL FUEL GAS CODE
 IFC - INTERNATIONAL FIRE CODE
 IMC - INTERNATIONAL MECHANICAL CODE
 IPC - INTERNATIONAL PLUMBING CODE
 IRC - INTERNATIONAL RESIDENTIAL CODE
 UPC - UNIFORM PLUMBING CODE

B. CODE SUMMARY - STATION BUILDING
 EXISTING BUILDING CONSTRUCTION TYPE: VB (NO CHANGE TO USE, OCCUPANCY OR EGRESS) BASED ON EXISTING DRAWINGS:
 GROUP A-3
 GROUP A-3
 GROUP A-3
 GROUP A-3
 WAITING AREAS (INCLUDING WAITING AREA CONCOURSE AND CORRIDOR) = 9,182 SF
 GROSS WAITING AREA (INCLUDES WAITING AREA CONCOURSE AND CORRIDOR) = 9,182 SF
 NUMBER OF OCCUPANTS:
 WAITING AREAS = 292 LF / 1.5 FT/PERSON = 195 OCCUPANTS
 FIXED SEATING = 292 LF / 1.5 FT/PERSON = 195 OCCUPANTS
 TOTAL NO. OF OCCUPANTS = 624

C. PLUMBING FIXTURE COUNTS (CODE AND DESIGNATION) PER TABLE 2902.1
 PLUMBING FIXTURE COUNTS (CODE AND DESIGNATION) PER TABLE 2902.1
 AUTOMATIC SPRINKLER SYSTEMS: NO
 FIRE ALARM SYSTEMS: YES
 PARKING SPACE ANALYSIS PER TABLE 1106.1 NOT REQUIRED

D. EGRESS REQUIREMENTS FOR PLATFORM:
 1. THE MAXIMUM TRAVEL DISTANCE ON THE PLATFORM TO A POINT AT WHICH A MEANS OF EGRESS ROUTE LEAVES THE PLATFORM SHALL NOT EXCEED 325'. PROPOSED MAXIMUM = 293'.
 2. A COMMON PATH OF TRAVEL FROM THE ENDS OF THE PLATFORM SHALL NOT EXCEED 82' OR ONE CAR LENGTH, 10'-0" AT BOTH ENDS. PROPOSED COMMON PATH = 80'-0".
 3. AT LEAST TWO MEANS OF EGRESS REMOTE FROM EACH OTHER SHALL BE PROVIDED FROM EACH STATION PLATFORM. THREE MEANS OF EGRESS PROPOSED - TWO RAMP AT EACH END OF PLATFORM AND ONE STAR TO THE EXISTING BRIDGE.
 4. THE EXISTING BRIDGE SHALL BE PROVIDED ALONG ALL PLATFORMS, CORRIDORS, AND RAMP SERVING AS A MEANS OF EGRESS. PROPOSED RAMP WIDTH = 8'-0" (6'-4" 1/2" CLEAR)
 5. STAIRS IN THE MEANS OF EGRESS SHALL BE A MINIMUM OF 44" WIDE. PROPOSED STAIR WIDTH = 6'-2 1/2" CLEAR

E. TOLERANCE NOTES:
 NOTES ON THE ACCESSIBLE STATIONS DEVELOPMENT PROGRAM:
 1. IT IS THE EXPRESS PURPOSE OF ALL WORK UNDER THIS CONTRACT TO BRING THE STATION INTO COMPLIANCE

WITH THE 2008 DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARDS (DOTAS)
 2. IT SHALL BE THE DUTY OF THE CONTRACTOR TO PREPARE THE DESIGN FIELD CONDITIONS OF ANY CONDITION WHERE IT IS NOT POSSIBLE TO COMPLY WITH THE DESIGN FIELD CONDITIONS.
 3. ALL WORK THAT FAILS TO COMPLY WITH THE DESIGN INTENT GIVEN IN THE CONTRACT DOCUMENTS SHALL BE REPLACED AT NO ADDITIONAL COST BY THE CONTRACTOR.

F. DIMENSIONING NOTES:
 1. DIMENSIONS INDICATED AS "HOLD" ARE CRITICAL FOR COMPLIANCE AND MAY NOT BE REDUCED OR ENLARGED.
 2. DIMENSIONS INDICATED AS "MIN" ARE CRITICAL FOR DOTAS COMPLIANCE AND MAY NOT BE REDUCED.
 3. DIMENSIONS INDICATED AS "MAX" ARE CRITICAL FOR DOTAS COMPLIANCE AND MAY NOT BE ENLARGED OR REDUCED.
 4. ANY DEVIATION FROM ITEMS 1 THROUGH 3 ABOVE MUST BE APPROVED PRIOR TO CONSTRUCTION.

G. TYPICAL GRADING NOTES:
 1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTING GRADES THAT COMPLY WITH THE CONSTRUCTION TOLERANCES LISTED IN THIS SECTION.
 2. THE CONTRACTOR SHALL USE THE FOLLOWING CRITERIA AT ALL NEW PAVED AREAS.
 3. WALKWAYS:
 a. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 1:22 (4.5%)
 b. MAXIMUM CROSS SLOPE SHALL NOT EXCEED 1:60 (1.67%)
 4. RAMPS, STAIRS, AND LANDINGS:
 a. MAXIMUM SLOPE AT STAIR TREADS AND LANDINGS SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
 b. EXCEED 1:13 (7.69%)
 c. MAXIMUM CROSS SLOPE AT RAMPS SHALL NOT EXCEED 1:60 (1.67%)
 5. MAXIMUM SLOPE AT ADA PARKING STALLS SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
 6. CONTRACTOR SHALL ADJUST DIMENSIONS AS REQUIRED IN ORDER TO ACHIEVE AND EDGES AT ALL TRANSITIONS BETWEEN NEW AND EXISTING PAVEMENTS OR SIDEWALKS SHALL BE FULL THICKNESS AND SET FLUSH WITH EXISTING PAVEMENT OR SIDEWALKS AND MEET THE ABOVE CRITERIA.
 7. THESE TOLERANCES CANNOT BE ASHIEVED DUE TO EXISTING CONDITIONS DISCREPANCIES. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER IMMEDIATELY.

H. GENERAL NOTES:
 1. DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. ALL DIMENSIONS AND CONDITIONS SHOWN AND AS NOTED ON THE DRAWINGS SHALL BE MAINTAINED AT THE SITE BY THE CONTRACTOR BEFORE BEGINNING ANY MATERIAL OR DOING ANY WORK. ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE AUTHORITY. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT/ENGINEER. NO WORK SHALL BE PERFORMED UNTIL SUCH DISCREPANCY HAS BEEN RECTIFIED.
 2. ALL WORK ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK UNLESS OTHERWISE NOTED.
 3. ALL WORK MUST BE COORDINATED WITH THE AMTRAK STATION PERSONNEL SO AS NOT TO INTERFERE WITH THE OPERATION OF THE TRAINS.
 4. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES UNDER THIS CONTRACT.
 5. THE CONTRACTOR SHALL DISCONNECT AND/OR REMOVE EXISTING PLUMBING, ELECTRICAL FIXTURES, WIRE, CONDUITS, DUCTWORK, OR OTHER WORK WHICH MIGHT INTERFERE WITH THE WORK OF THIS CONTRACT. AFTER REMOVAL OF SUCH WORK, THE CONTRACTOR SHALL REINSTALL OR REPAIR ALL WORK TO THE ORIGINAL CONDITION.
 6. THE CONTRACTOR SHALL PATCH AND REPAIR ALL WORK DAMAGED DUE TO THIS CONTRACT. ALL NEWLY INSTALLED WORK SHALL BE PROTECTED AND MAINTAINED. ALL PAINTING WORK SHALL BE PERFORMED IMMEDIATELY.

Addendum No. 04
 ID 1000-57-70
 Revised Sheet 101
 December 9, 2022

NO.	DATE	REVISION	BY
		STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
ARCHITECTURAL			
		DESIGNED BY: JR	DK
CODE SUMMARY & GENERAL NOTES			
SHEET G-001			
101			

ENERGY CODE ENVELOPE REQUIREMENTS: (2015 IECC)

1. ALL ENVELOPE COMPONENTS SHALL COMPLY WITH TABLE C402.1.2 CLIMATE ZONE 6 REQUIREMENTS:
2. WALLS: MIN RT-5 CONTINUOUS INSULATION + R13 BETWEEN METAL STUDS
3. CURTAIN GLASS REQUIREMENT: U86; SHGC SEW 0.64; N 0.64
4. ALL FLAT ROOF INSULATION ABOVE METAL DECK: R30 CI
5. SLOPED ROOF AREAS CEILING WITH ATTICS: R49
6. UNSULTRATED ROOF INSULATION: R13 AND BELOW GROUND SLAB RIGID

REQUIRED SPECIAL INSPECTIONS AND TESTS IBC 2015

- SPECIAL CASES IT05.1.1
 STEEL CONSTRUCTION IT05.2
 CONCRETE CONSTRUCTION IT05.3
 MASONRY CONSTRUCTION IT05.4
 SOILS IT05.6
 DRIVEN DEEP FOUNDATIONS IT05.7
 CAST-IN-PLACE DEEP FOUNDATIONS IT05.8
 HELICAL PILE FOUNDATIONS IT05.9
 FABRICATED ITEMS IT05.10
 STRUCTURAL STEEL IT05.12.1
 SPRAYED FIRE-RESISTANCE MATERIALS IT05.14
 MASTIC AND INTUMESCENT FIRE RESISTANT COATINGS IT05.15
 FIRE RESISTANT JOINTS IT05.17
 TESTING FOR SMOKE CONTROL IT05.18
 WIND RESISTANCE
 COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION IT05.11.2
 WIND-RESISTING COMPONENTS IT05.11.3

16. ADDITIONAL NOTES WHICH TAKE APPLICABLE
 17. BEAMS ON UNDERSIDE OF BRIDGE TO BE 2 HRS FIRE RESISTANT. MATERIAL UL DESIGN NUMBER # D902 OR APPROVE EQUAL

7. TO COVER THE ENTIRE HORIZONTAL OR VERTICAL SURFACE TO THE CLOSEST CORNER IN ALL FOUR DIRECTIONS. COLOR TO MATCH EXISTING CONDITIONS. THE CONTRACTOR SHALL PROTECT ALL EXISTING WORK ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE FOR THE TRADE. THE CONTRACTOR SHALL PROTECT ALL EXISTING WORK TO REMAIN TO PROVIDE A COMPLETE AND FINISHED INSTALLATION.
8. WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON DRAWINGS, IT SHALL BE CONSIDERED A MATERIAL REQUIREMENT. THE CONTRACTOR SHALL VERIFY PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
9. RESISTING SPAN BEAMS SHALL BE INSTALLED AT SPACINGS OF 24" ON CENTER. ALL BEAMS SHALL BE INSTALLED AT SPACINGS OF 24" ON CENTER. ALL BEAMS SHALL BE INSTALLED AT SPACINGS OF 24" ON CENTER.
10. AS NOMINAL SIZE.
11. DIMENSIONS ON WALLS ARE INDICATED FROM SURFACE TO DIMENSIONS BETWEEN WALLS, PARTITIONS AND OTHER ITEMS EXCLUSIVE OF FINISHES.
12. THE CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE AND SHALL HAVE ALL DEBRIS AND REFUSE REMOVED FROM THE WORKING AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
13. THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED OTHERWISE, PROVIDE ALL NECESSARY INSPECTIONS AND TESTS REQUIRED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY INSPECTIONS AND TESTS REQUIRED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY INSPECTIONS AND TESTS REQUIRED BY THE CONTRACT DOCUMENTS.
14. THERE WILL BE NO CHANGE IN USE, EGRESS OR CONTRACT.