

LOCATION MAP

LATITUDE: 39°28'52" LONGITUDE: -84°27'13"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

DESIGN DESIGNATION

CURRENT ADT (2026)	13500
DESIGN YEAR ADT (2038)	14000
DESIGN HOURLY VOLUME (2038)	1600
DIRECTIONAL DISTRIBUTION	50/50
TRUCKS (24 HOUR B&C)	6%
DESIGN SPEED	35 MPH
LEGAL SPEED	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
04 MINOR ARTERIAL (URBAN)	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

REQUIRED, SEE SHEET 5

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig


Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:



STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

BUT-SR 73-16.05

CITY OF TRENTON

BUTLER COUNTY

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FINAL TRACINGS - 7/31/2025

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	1/19/24	TC-52.20	1/15/21			800	7/18/25	520	7/15/22
BP-5.1	7/18/25	TC-71.10	7/18/25			832	7/18/25	534	1/21/22
BP-7.1	7/18/25	TC-74.10	7/21/23						
		TC-82.10	1/17/25						
MT-95.30	7/18/25	TC-83.20	7/18/25						
MT-95.31	7/18/25								
MT-95.32	7/18/25								
MT-97.10	7/18/25								
MT-99.20	4/19/19								
MT-101.90	7/17/20								
MT-105.10	1/17/20								
MT-110.10	7/19/13								
TC-41.20	10/18/13								
TC-42.20	10/18/13								
TC-52.10	10/18/13								

FEDERAL PROJECT NUMBER

E250 (683)

RAILROAD INVOLVEMENT

CSXT

PROJECT DESCRIPTION

FY26 URBAN PAVING PROJECT IN THE CITY OF TRENTON
ON A PORTION OF SR 73 (STATE ST)

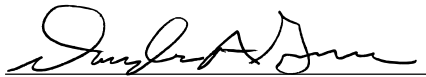
EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.37 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	NOI NOT REQUIRED

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT
THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE
THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT
PROVISIONS FOR THE MAINTENANCE AND SAFETY OF
TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND
ESTIMATES


Douglas A. Gruver, P.E.
District 08 Deputy Director


Pamela Boratyn
Director, Department of Transportation

TITLE SHEET

DESIGN AGENCY



DESIGNER

GAC

REVIEWER

SEF 07/31/25

PROJECT ID

115754

SHEET

TOTAL

1

34

ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3"

THE PAVEMENT PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE INTERMEDIATE COURSE PRIOR TO REOPENING THE LANE TO TRAFFIC. A DISINCENTIVE IN THE AMOUNT OF \$4200 SHALL BE ASSESSED FOR EACH HOUR, OR PORTION THEREOF, A PLANED SURFACE IS OPEN TO TRAFFIC.

ALL PAVEMENT REPAIR WORK AS DIRECTED BY THE ENGINEER SHALL BE SCHEDULED SO AS TO COMPLY WITH THIS REQUIREMENT. THE PLANING MAY HAVE TO BE DONE IN MORE THAN ONE OPERATION TO COMPLY WITH THE INTENT OF THIS NOTE.

PAVEMENT FOR THE ABOVE SHALL BE INCLUDED IN THE PRICE BID FOR THE PERTINENT BID ITEM.

ITEM 253 PAVEMENT REPAIR

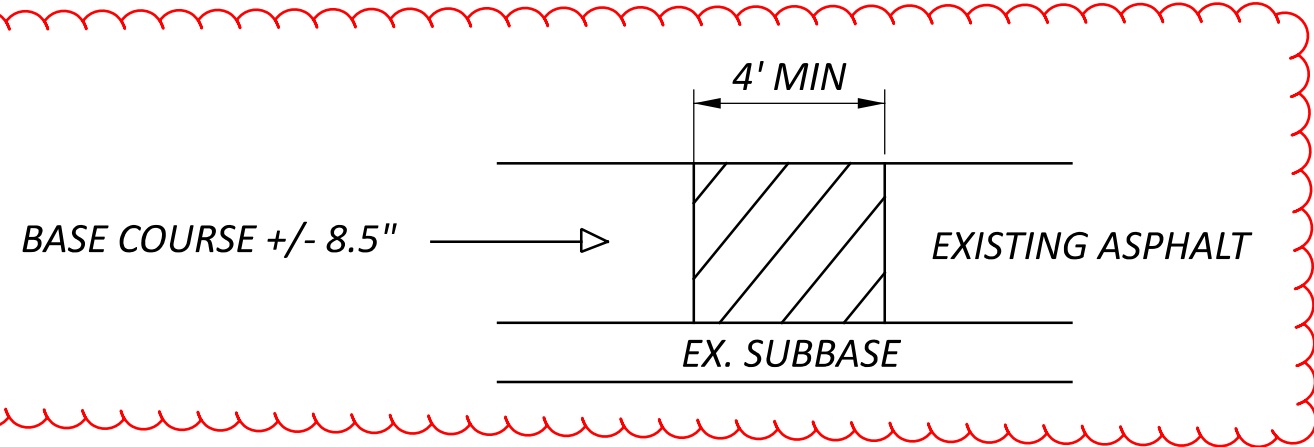
IT IS THE INTENT THAT THE EXISTING PAVEMENT SHALL NOT BE REMOVED OR DISTURBED FOR CONSTRUCTION OF THE PROPOSED CURB AND CURB RAMPS. CURB RADII SHOWN SHALL GENERALLY MATCH THE EXISTING LAYOUTS. ALL PAVEMENT REPAIRS SHALL BE PERFORMED PRIOR TO ANY PAVEMENT PLANING.

THE BUILDUP OF THE REPAIRED PAVEMENT SHALL BE ITEM 301, ASPHALT CONCRETE BASE, PG64-22 (449), COMPACTED AS PER 401.08E AND IN APPROXIMATELY EQUAL LAYERS TO MATCH EXISTING ASPHALT ELEVATION.

REPAIR DUE TO CONTRACTOR MEANS AND METHODS, IT SHALL BE REPAIRED AS NOTED ABOVE AT THE COST OF THE CONTRACTOR.

A CONTINGENCY QUANTITY FOR USE AS DIRECTED BY THE ENGINEER HAS BEEN PROVIDED:

ITEM 253 PAVEMENT REPAIR - 236 CY



ITEM 608 CURB RAMP, AS PER PLAN

ALL RESTORATION ASSOCIATED WITH THE PLACEMENT OF THE CURB RAMP SHALL BE INCIDENTAL TO ITEM 608 - CURB RAMP, AS PER PLAN. THESE ITEMS SHALL INCLUDE, BUT ARE NOT LIMITED TO, TOPSOIL (4" MIN.), SEEDING AND MULCHING, CLASS 1, BRICK PAVERS TO BE REMOVED AND REPLACED WITH CONCRETE, TRASH RECEPTACLES AND PLANTERS TO BE REMOVED AND RESET. AS DIRECTED BY THE ENGINEER.

ITEM 202 WALK REMOVED, AS PER PLAN

THE REMOVAL FOR THE CONCRETE WALK/CURB RAMP SHALL INCLUDE THE CONCRETE WALK/CURB RAMP AND ANY MATERIALS BELOW THE WALK NEEDED TO BE REMOVED IN ORDER TO OBTAIN THE PROPER SUBGRADE ELEVATION FOR THE NEW CONCRETE WALK/CURB RAMP TO BE PLACED.

ITEM 202 CURB REMOVED, AS PER PLAN

THE REMOVAL FOR THE CURB SHALL INCLUDE THE CURB AND ANY MATERIALS BELOW THE CURB NEEDED TO BE REMOVED IN ORDER TO OBTAIN THE PROPER ELEVATION FOR THE NEW CURB TO BE PLACED.

ITEM 202 CURB AND GUTTER REMOVED, AS PER PLAN

THE REMOVAL FOR THE CURB SHALL INCLUDE THE CURB AND GUTTER AND ANY MATERIALS BELOW THE CURB NEEDED TO BE REMOVED IN ORDER TO OBTAIN THE PROPER ELEVATION FOR THE NEW CURB TO BE PLACED.

SOLE SOURCE AQUIFER

THIS PROJECT IS LOCATED WITHIN THE GREATER MIAMI SOLE SOURCE AQUIFER. THIS PROJECT IS ALSO LOCATED WITHIN THE TRENTON CITY PWS-SOURCE WATER PROTECTION AREA FROM SLM 16.071 TO SLM 16.253. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. REPORT ALL SPILLS OR EVENTS TO THE TRENTON CITY WATER DEPARTMENT AT (513)-988-5771. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), CONTACT TRENTON CITY FIRE DEPARTMENT AT (513)-988-0004, OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

CONTINGENCY ITEMS

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED AS ADDITIONAL CONTINGENCY AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

THESE ITEMS SHALL COVER EXISTING CURB REMOVAL AND INSTALLATION OF NEW CURB AND ANY PAVEMENT RESTORATION REQUIRED AS DIRECTED BY THE ENGINEER.

ITEM 605, 6" BASE PIPE UNDERDRAINS	100 FT
ITEM 609, COMBINATION CURB AND GUTTER, TYPE 2	50 FT
ITEM 609, CURB, TYPE 6	50 FT

ADA RAMP WAIVERS

FEATURE	APPROVAL DATE	SHEET #	DESIGNATION	WAIVED COMPONENT
RMP0029829	7/28/2025	23	CR-7	CROSS SLOPE
RMP0029812	7/28/2025	23	CR-8	RUNNING SLOPE & CROSS SLOPE
RMP0029832	7/28/2025	27	CR-19	RUNNING SLOPE & CROSS SLOPE

CSXT COORDINATION NOTES

REFER TO THE CSX TRANSPORTATION PUBLIC PROJECT INFORMATION MANUAL FOR ADDITIONAL REQUIREMENTS NEEDED FOR WORKING ON/ABOVE/ADJACENT TO CSXT PROPERTY, OVERHEAD BRIDGE CRITERIA, CONSTRUCTION SUBMISSION CRITERIA, AND INSURANCE REQUIREMENTS FOR PUBLIC PROJECTS.

CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSXT RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.

THE CONTRACTOR WILL BE REQUIRED TO ABIDE BY THE PROVISIONS OF THE AGENCY/CSXT CONSTRUCTION AGREEMENT. PERIODICALLY, THROUGHOUT THE PROJECT DURATION, THE CONTRACTOR MAY BE REQUIRED TO MEET, DISCUSS AND, IF NECESSARY, TAKE IMMEDIATE ACTION AT THE DISCRETION OF CSXT PERSONNEL AND/OR THEIR AUTHORIZED REPRESENTATIVE, TO COMPLY WITH PROVISIONS OF THAT AGREEMENT AND THESE SPECIFICATIONS.

IT IS THE RESPONSIBILITY OF THE INDIVIDUAL OWNERS OF WIRELINES, PIPELINES, UTILITIES, ETC. TO COORDINATE DIRECTLY WITH CSXT REAL ESTATE AND FACILITIES MANAGEMENT (REFM) GROUP. THIS INCLUDES ALL NEW INSTALLATIONS AND THE ADJUSTMENT, MODIFICATION, REMOVAL OR RETIREMENT IN PLACE OF ALL EXISTING FACILITIES.

THE CONTRACTOR MAY NOT USE CSXT RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION WITHOUT PRIOR CSXT APPROVAL. THE CSXT RIGHT-OF-WAY MUST ALWAYS REMAIN CLEAR FOR RAILROAD USE. EQUIPMENT MAY NOT BE POSITIONED TO BLOCK THE RAILROAD ACCESS ROAD, TRACK AREA OR ANY PART OF THE CSXT RIGHT-OF-WAY WITHOUT PRIOR CSXT APPROVAL. ALL MOVEMENTS OF EQUIPMENT WITHIN RAILROAD RIGHT-OF-WAY MUST BE COORDINATED WITH THE RAILROAD FLAGGER.

THE ROADWAY AUTHORITY, OR DESIGNATED CONTRACTOR, SHALL COORDINATE WITH THE RAILROAD WHENEVER THE CONTRACTOR'S WORK ACTIVITIES ARE LOCATED OVER, UNDER OR WITHIN THE RAILROAD'S RIGHT-OF-WAY.

ANY DAMAGE CAUSED BY THE PROJECT WORK TO THE TRACK OR RAILROAD PROPERTY WILL REQUIRE REPAIR IMMEDIATELY UPON NOTIFICATION FROM THE RAILROAD OR THEIR DESIGNATED REPRESENTATIVE. IF THE DAMAGE AFFECTS THE TRACK, TRACK STRUCTURE, RAILROAD FACILITIES, OR TRAIN OPERATIONS AS DETERMINED BY THE RAILROAD, THE REPAIRS WILL BE PERFORMED BY THE RAILROAD AT THE CONTRACTOR'S EXPENSE INCLUDING ALL ASSOCIATED COSTS OF DELAYS TO THE RAILROAD.

DURING TRAIN MOVEMENTS THROUGH THE PROJECT LOCATION, VEHICLES, EQUIPMENT, AND PERSONNEL WILL NOT BE ALLOWED TO OPERATE WITHIN TWENTY-FIVE (25) FEET OF THE TRACK.

CSXT SHALL BE NOTIFIED AT LEAST FIVE (5) DAYS IN ADVANCE OF THE PRE-CONSTRUCTION MEETING.

THE CONTRACTOR SHALL COORDINATE ALL WORK ON, OVER OR ADJACENT TO THE RAILROADS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL CONTACT CSX TRANSPORTATION AT LEAST THIRTY (30) DAYS IN ADVANCE IN ORDER TO COORDINATE THE NECESSARY WORK. UNDER NO CIRCUMSTANCES SHALL THERE BE ANY WORK WITHIN THE RAILROAD RIGHT-OF-WAY WITHOUT THE PROPER AUTHORIZATION AND/OR FLAG PROTECTION FROM THE RAILROAD.

THE USE OF ACETYLENE GAS IS PROHIBITED FOR USE ON OR OVER CSXT PROPERTY. TORCH CUTTING SHALL BE PERFORMED UTILIZING OTHER MATERIALS SUCH AS PROPANE.

CSXT REQUIRES THAT THE CONTRACTOR SUBMIT AND RECEIVE ACCEPTANCE OF A COMPREHENSIVE MEANS & METHODS SUBMITTAL (CSXT CONSTRUCTION SUBMISSION CRITERIA, ISSUED MARCH 2025) DETAILING SCOPE WORK WITHIN CSXT TRACKS OR RIGHT-OF-WAY, OR OTHER WORK WHICH PRESENTS THE POTENTIAL TO AFFECT CSXT PROPERTY OR OPERATIONS TO UNDERTAKING THE WORK.

ALL LIFTING EQUIPMENT AND CONNECTION DEVICES SHALL HAVE A CAPACITY FOR 150% OF THE ACTUAL LIFTING LOAD. THE FACTOR OF SAFETY PROVIDED BY THE MANUFACTURER IN THE LIFTING CAPACITY DATA SHALL NOT BE CONSIDERED IN THE 150% REQUIREMENT.

TEMPORARY CONSTRUCTION CLEARANCES (HORIZONTAL & VERTICAL) PROPOSED - FOR EXISTING OR LESS THAN STANDARD CONDITIONS - SHALL BE SUBJECT TO APPROVAL BY CSXT. TYPICALLY REDUCTION IN CONSTRUCTION CLEARANCES ARE NOT PERMITTED.

PER CSXT SOIL AND WATER MANAGEMENT POLICY, CSXT REQUIRES ALL SPOILS GENERATED AND NOT REUSED FROM WITHIN THE PROPERTY TO BE PROPERLY DISPOSED IN A RAILROAD APPROVED DISPOSAL FACILITY. THE MANAGEMENT OF SOILS GENERATED FROM CSXT PROPERTY SHOULD BE PLANNED FOR AND PROPERLY PERMITTED (IF APPLICABLE) PRIOR TO INITIATING ANY WORK ON RAILROAD'S PROPERTY. CSXT ENVIRONMENTAL DEPARTMENT WILL HANDLE WASTE CHARACTERIZATION AND PROFILING FOR DELIVERY TO AN APPROVED FACILITY.

DURING AND AFTER COMPLETION OF CONSTRUCTION, THE OUTSIDE PARTY OR ITS CONTRACTOR SHALL CLEAR CSXT'S DRAINAGE DITCHES OF ALL DEBRIS TO THE SATISFACTION OF CSXT'S CONSTRUCTION MONITORING REPRESENTATIVE.

A WORK SITE SAFETY PLAN THAT INCLUDES A RECOGNITION TO KEEP ALL PERSONNEL FROM FOULING CSXT RAIL OPERATIONS, A FALL PROTECTION PLAN DESCRIBING THE MEASURES TO BE TAKEN WHEN REQUIRED, AND A FIRE PROTECTION PLAN SHALL BE PRESENTED AND ACCEPTED BY CSXT FOR WORK ON, OVER OR ADJACENT CSXT PROPERTY.

ALL WASTE MATERIALS GENERATED BY THIS PROJECT, INCLUDING WASHING WITH CLEANING SOLVENTS, BLASTING, SCRAPING, BRUSHING AND/OR PAINTING OPERATIONS, SHALL BE THE RESPONSIBILITY OF THE AGENCY OR ITS CONTRACTOR, AND SHALL BE CONTAINED, COLLECTED AND PROPERLY DISPOSED OF BY THE STATE OR ITS CONTRACTOR. THE STATE AND ITS CONTRACTOR AGREE TO FULLY COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL LAWS, REGULATIONS, STATUTES AND ORDINANCES AT ALL TIMES.

CSXT MAY REQUIRE FULL TIME RAILROAD FLAGGING FOR ANY PROJECT TASKS THAT MAY HAVE THE POTENTIAL TO FOUL THE TRACK OR CAUSE A HAZARD TO TRAIN MOVEMENTS.

CSXT HAS SOLE AUTHORITY TO DETERMINE THE NEED FOR TRACK PROTECTION REQUIRED TO PROTECT ITS OPERATIONS AND PROPERTY. IN GENERAL, TRACK PROTECTION WILL BE REQUIRED WHENEVER CONTRACTOR OR EQUIPMENT ARE, OR ARE LIKELY TO BE, WORKING WITHIN FIFTY (50) FEET OF TRACK OR OTHER TRACK CLEARANCES AS SPECIFIED BY CSXT.

UPON COMPLETION OF THE WORK ON CSXT PROPERTY, THE CONTRACTOR SHALL REQUEST THE OWNER TO ARRANGE A FINAL INSPECTION OF THE PROJECT WITH THE RAILROAD'S PROJECT ENGINEER OR THEIR AUTHORIZED REPRESENTATIVE.

DESIGN AGENCY



THE KLEINGERS GROUP

DESIGNER

GAC

REVIEWER

SEF 07/31/25

PROJECT ID

115754

SHEET

5

TOTAL

34