

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## COS-93-19.20

CRAWFORD TOWNSHIP  
COSHOCOTON COUNTY

**FEDERAL PROJECT NUMBER**

E251(073)

**RAILROAD INVOLVEMENT**

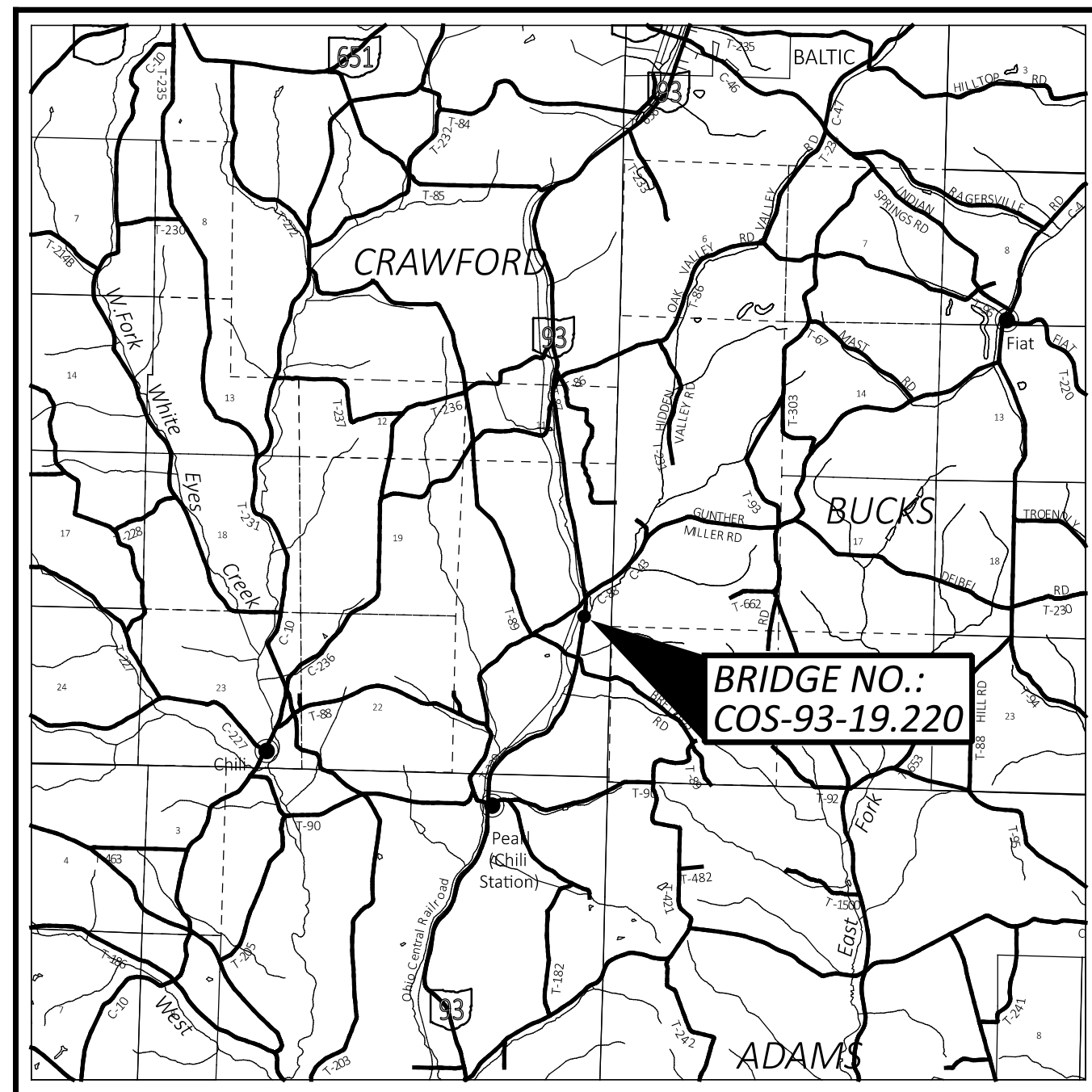
NONE

**PROJECT DESCRIPTION**

REPLACEMENT OF THE EXISTING 3 SPAN CONCRETE SLAB BRIDGE WITH A NEW 3 SPAN CONCRETE SLAB BRIDGE, NEW APPROACH SLABS, NEW BRIDGE RAIL, GUARDRAIL AND PAVEMENT REPLACEMENT ON S.R. 93 OVER WHITE EYES CREEK.

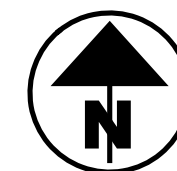
**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 0.85 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.10 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES (NOI NOT REQUIRED)



**LOCATION MAP**

LATITUDE: 40°23'10" LONGITUDE: -81°42'55"



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

**DESIGN DESIGNATION**

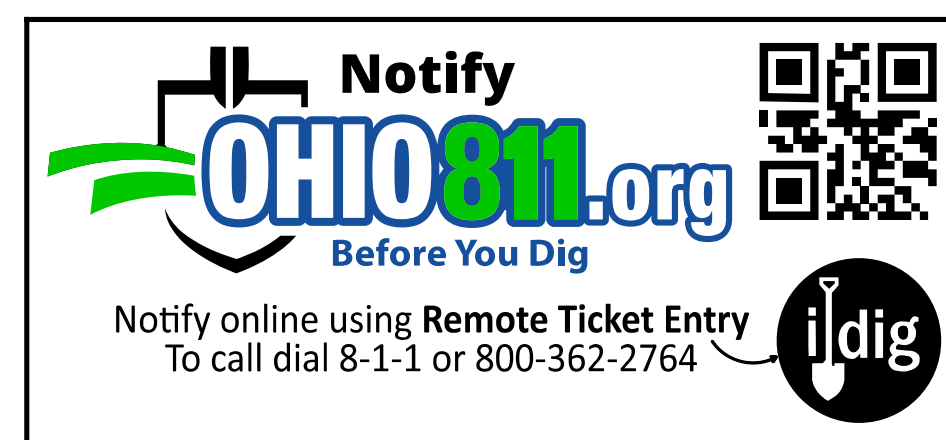
CURRENT ADT (2026)	1600
DESIGN YEAR ADT (2046)	1700
DESIGN HOURLY VOLUME (2046)	200
DIRECTIONAL DISTRIBUTION	62%
TRUCKS (24 HOUR B&C)	18%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
MAJOR COLLECTOR	
NHS PROJECT	NO

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE



PLAN PREPARED BY:



**INDEX OF SHEETS:**

TITLE SHEET ..... 1  
SCHEMATIC PLAN ..... 2 & 3  
CENTERLINE & EXISTING MONUMENTS  
COORDINATE TABLE ..... 4  
TYPICAL SECTIONS ..... 5 & 6  
GENERAL NOTES ..... 7  
DETOUR MAPS ..... 8 & 9  
GENERAL SUMMARY ..... 10-11  
CALCULATIONS ..... 12-15  
PLAN AND PROFILE ..... 16-18  
CROSS SECTIONS ..... 19-28  
CHANNEL CROSS SECTIONS ..... 28A-28D  
EARTHWORK CALCULATIONS ..... 29  
STRUCTURE: COS-93-19.22 ..... 30-48  
SOIL BORINGS ..... 49-57

**2023 SPECIFICATIONS**

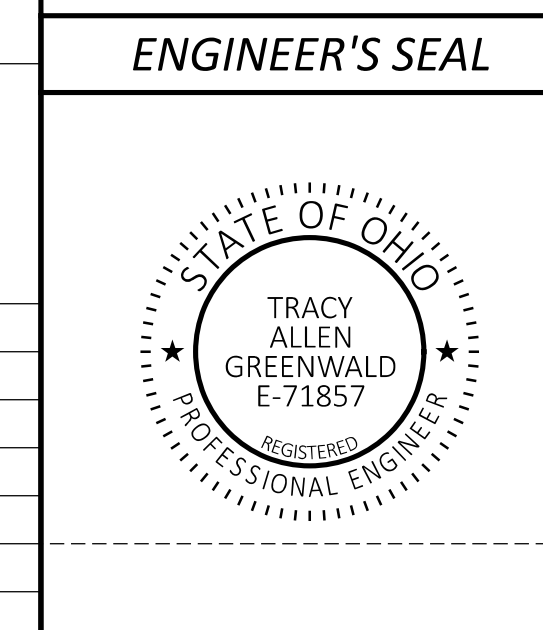
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 8 & 9/57.

*Jason L. Sturgeon*  
Jason L. Sturgeon, P.E.  
District 05 Deputy Director

*Pamela Boratyn*  
Pamela Boratyn  
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-2.1	1/21/22	MT-101.60	1/17/25		800	1/16/26	WATERWAY PERMITS	
BP-3.1	1/19/24	MT-101.90	7/17/20		832	7/18/25	CONDITIONS	
BP-3.2	1/18/19						10/20/25	
BP-4.1	7/19/13	TC-41.20	10/18/13				ASBESTOS	
		TC-41.30	4/21/23				SURVEY	
MGS-2.1	1/16/26	TC-42.20	10/18/13				REPORT	
MGS-3.3	1/16/26	TC-52.20	1/15/21				SFN 1602160	
MGS-4.2	7/18/25	TC-61.30	7/19/24				1/14/26	
AS-1-15	1/20/23	DM-1.1	1/17/25					
AS-2-15	7/21/23	DM-4.3	1/15/16					
CPA-1-08	1/19/24	DM-4.4	1/15/16					
CPP-1-08	7/21/17							
CS-1-24	1/16/26	HL-50.21	1/16/26					
DS-1-92	7/15/22							
TST-2-21	1/17/25							

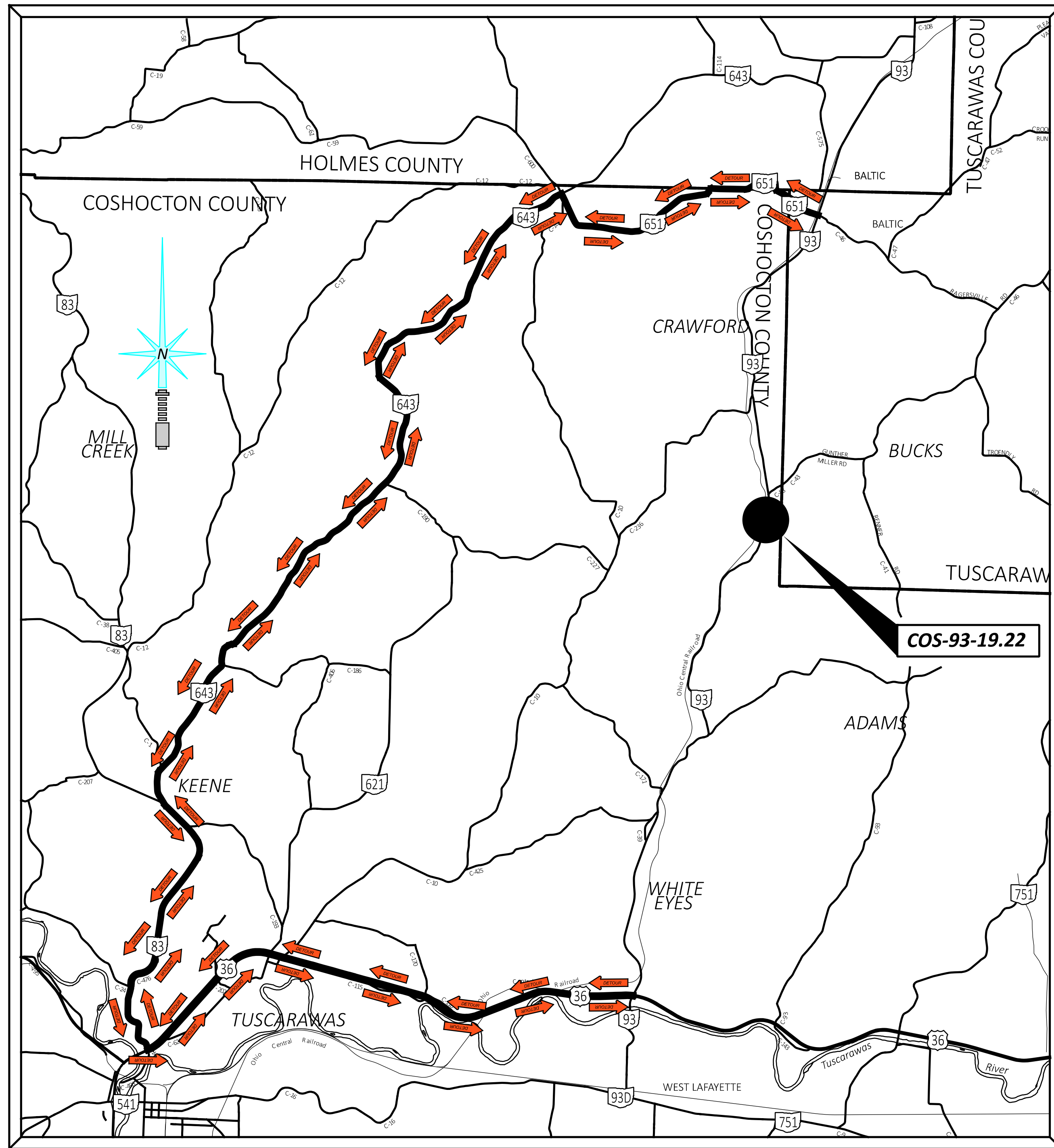


TITLE SHEET

COS-93-19.20

MODEL: Sheet PAPER: 34x22 (in.) DATE: 6/22/2026 TIME: 11:24:49 AM USER: lgreenwa pvc:\ohio\dot-pw-bentley.com\ohio\dot-pw-02\Documents\01 Active Projects\District 05\Coshocton\115365\400-Engineering\Roadway\Sheets\115365\_GT001.dgn

DESIGN AGENCY	
DESIGNER	TAG
REVIEWER	TDF MM-DD-YY
PROJECT ID	115365
SHEET	TOTAL
P.1	57



**STATE ROUTE DETOUR**



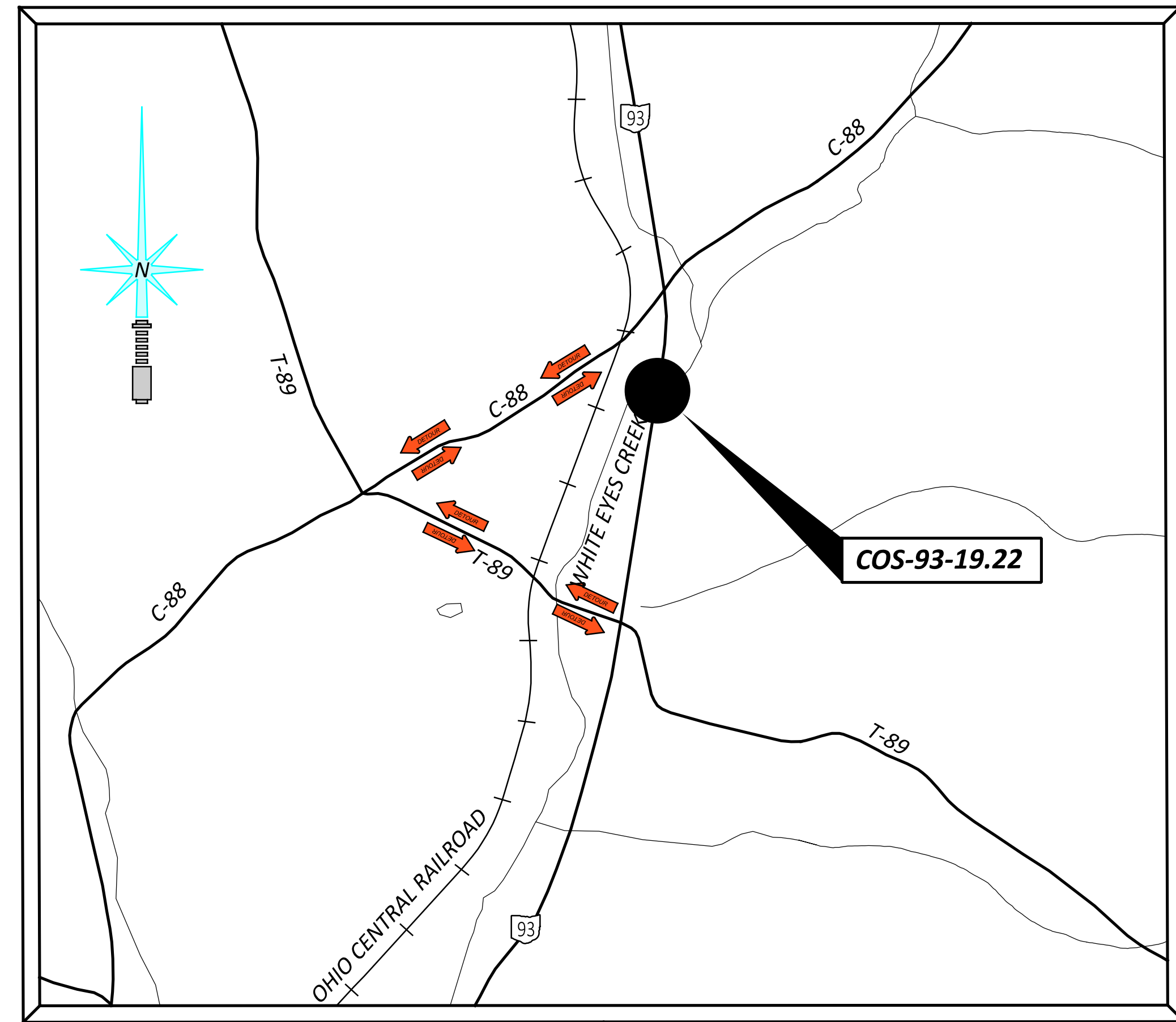
**ITEM 614 - MAINTAINING TRAFFIC**

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION ON S.R. 93 SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR WHEN THROUGH TRAFFIC MAY BE DETOURED AS PER PROPOSAL NOTE 124. DAMAGES SHALL BE AS PER PROPOSAL NOTE 124 FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED TIME. THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN STANDARD 48x30 INCHES ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES, GATES, AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING THE PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC:

- S.R. 93: JUST NORTH OF BRIDGE NO. COS-93-19.22
- S.R. 93: JUST SOUTH OF BRIDGE NO. COS-93-19.22

**ITEM 614 - MAINTAINING TRAFFIC**

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.



**LOCAL DETOUR**

**DESIGNATED LOCAL DETOUR ROUTE**

IN ADDITION TO THE OFFICIALLY SIGNED DETOUR ROUTE, A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED, DETOUR ROUTE OR "DESIGNATED LOCAL DETOUR ROUTE". THE ROUTE IS SHOWN ON THIS SHEET. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THESE ROUTES IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST, AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE.

- ITEM 410, TRAFFIC COMPACTED SURFACE, TYPE C ..... 10 CY
- ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ..... 20 CY

**A+B BIDDING CONTRACT TABLE**

USE THE FOLLOWING INFORMATION IN COMBINATION WITH PROPOSAL NOTE A+B BIDDING. THE CONTRACT WILL BE THE NUMBER OF CALENDAR DAYS TO COMPLETE THE PROJECT AS LISTED IN THE PROPOSAL.

CONTRACT SEGMENT LOCATION OF CRITICAL WORK	MIN. DAYS	MAX. DAYS	MAXIMUM INCENTIVE DAYS	INCENTIVE/DISINCENTIVE \$ PER DAY	MAXIMUM INCENTIVE \$
BRIDGE REPLACEMENT @ COS-93-19.22	40	70	30	2500	75,000

THE FINAL COMPLETION DATE WILL BE LISTED IN THE PROPOSAL.

THE FINAL SURFACE COURSE AND THE STRIPING CAN BE PERFORMED AS A FLAGGING OPERATION.

