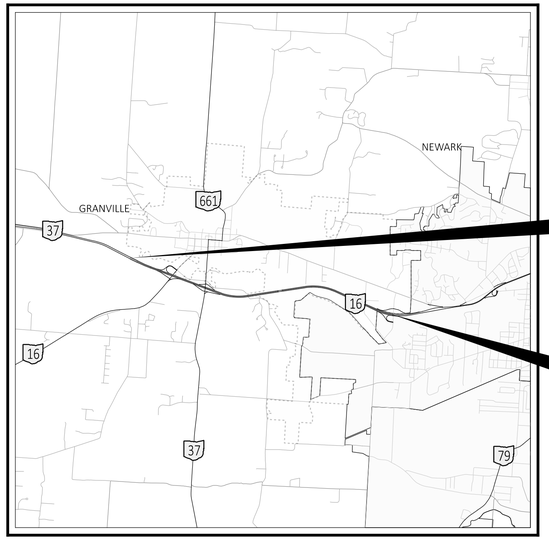
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LIC-16/37-14.24/15.47

CITY OF NEWARK
VILLAGE OF GRANVILLE
GRANVILLE & NEWARK TOWNSHIPS
LICKING COUNTY



LOCATION MAP

LATITUDE: 40°03'51" LONGITUDE: -82°32'21"

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

DESIGN DESIGNATION

CURRENT ADT (2026)	49,110
DESIGN YEAR ADT (2046)	62,700
DESIGN HOURLY VOLUME (2048)	7,210
DIRECTIONAL DISTRIBUTION	66%
TRUCKS (24 HOUR B&C)	9%
DESIGN SPEED	60
LEGAL SPEED	55

DESIGN FUNCTIONAL CLASSIFICATION:
PRINCIPAL ARTERIAL FREEWAY
NHS PROJECT — YES

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
ODOT DISTRICT 5 PLANNING AND ENGINEERING
9600 JACKSONTOWN ROAD, JACKSONTOWN, OH 43030
740-323-4400

INDEX OF SHEETS:

FEDERAL PROJECT NUMBER

E161298

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

FULL DEPTH REPLACEMENT OF EXISTING PAVEMENT ON S.R. 37/S.R. 16.

PAVEMENT WIDENING IN THE EXISTING MEDIAN OF S.R. 37/S.R. 16 AND INSTALLATION OF CONCRETE MEDIAN BARRIER WALL.

SOME MINOR STRUCTURE WORK AND REPAIRS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	50.0 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	1.0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	51.0 ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

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 NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEET 21, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFTEY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

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

Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS

BP-3.1	1/19/24	MGS-1.1	1/17/25	ITS-14.10	1/17/25	MT-98.20	4/19/19	MT-105.10	1/17/20	TC-52.10	10/18/13	800	7/18/25
BP-3.2	1/18/19	MGS-2.1	1/17/25	ITS-14.11	1/17/25	MT-98.21	7/21/23	MT-120.00	7/19/24	TC-52.20	1/15/21	808	7/19/24
BP-9.1	1/18/19	MGS-3.1	1/19/18	ITS-14.50	1/17/25	MT-98.22	1/17/20			TC-61.10	4/21/23	809	1/17/25
		MGS-4.2	1/17/25	ITS-14.60	1/17/25	MT-98.29	1/17/20	TC-12.31	4/15/22	TC-61.30	7/19/24	832	7/19/24
CB-4	7/19/24	MGS-5.2	7/15/16			MT-99.20	4/19/19	TC-15.116	1/19/24	TC-65.10	1/17/14	874	4/17/20
		MGS-5.3	7/15/16	MT-95.30	7/19/19	MT-99.30	1/17/20	TC-21.11	7/16/21	TC-65.11	1/19/24	875	1/17/25
DM-1.1	1/17/25			MT-95.31	7/19/19	MT-100.00	1/19/24	TC-21.21	1/20/23	TC-71.10	4/21/23	902	7/19/19
DM-1.2	1/17/25	RM-1.1	1/20/23	MT-95.32	4/19/19	MT-101.60	1/17/25	TC-21.50	1/17/25	TC-72.20	1/17/25	908	1/17/25
DM-1.3	7/18/14	RM-4.2	4/17/20	MT-95.45	7/21/23	MT-101.70	7/19/24	TC-22.20	1/17/14			909	1/17/25
DM-4.3	1/15/16	RM-4.3	1/17/25	MT-95.50	7/21/17	MT-101.75	7/21/23	TC-41.10	7/19/13				
DM-4.4	1/15/16	RM-4.4	1/17/25	MT-95.70	7/21/23	MT-101.90	7/17/20	TC-41.20	10/18/13				
		RM-4.5	1/17/25	MT-95.73	7/19/24	MT-102.10	7/21/23	TC-41.30	4/21/23				
I-3C, 3C1	1/17/25	RM-4.6	7/19/13	MT-95.82	7/19/13	MT-102.20	4/19/19	TC-42.10	10/18/13				
				MT-97.10	4/19/19	MT-102.30	10/16/15	TC-42.20	10/18/13				
MH-3	7/19/24	HW-2.1	7/15/22	MT-98.10	1/17/20	MT-103.10	1/21/22	TC-51.11	1/15/16				
		HW-2.2	7/20/18	MT-98.11	1/17/20	MT-104.10	1/19/24	TC-51.12	1/15/16				

SUPPLEMENTAL SPECIFICATIONS

SPECIAL PROVISIONS

PMTP
DATE: 1/17/25

IC
DATE: 1/17/25

GAS LINE CONSTRUCTION REQUIREMENTS
DATE: 9/17/25

ENGINEER'S SEAL

STATE OF OHIO
BRIAN RICHARD HARLOW
E-90861
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by bharlow
Date: 2026.01.14 07:04:08-05'00'

TITLE SHEET

DESIGN AGENCY

DESIGNER BRH
REVIEWER CMY 09/05/25
PROJECT ID 95445
SHEET P.1 TOTAL 895

LIC-16/37-14.24/15.47

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 1/13/2026 TIME: 3:24:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_PenC.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\95445\400-Engineering\Roadway\Sheets\95445_GT001.dgn

Maintenance of Traffic Sequence of Operations

Alternate Methods
If the contractor so elects, alternate methods for the maintenance of traffic may be submitted, provided the intent of the below provisions are followed and no additional inconvenience to the traveling public results therefrom. No alternate plan shall be placed into effect until approval has been granted, in writing, by the District Deputy Director.

Pre-Phase 1 (Miscellaneous Repairs)
Temporary pavement shall be constructed near the River Road and S.R. 16 E.B. intersection as detailed on sheet P.53.

Pavement repairs shall be performed as per the Pre-Phase 1 Pavement Repair Table on sheet P.29 and as shown on the Pre-Phase 1 plan sheets after approval of these joint locations has been given by the Engineer. Partial depth pavement repairs shall be performed as per the note on sheet P.29 and as directed by the Engineer.

S.R. 37/S.R. 16 shall be resurfaced per the Pre-Phase 1 typical section and Pre-Phase 1 plan sheets. This resurfacing will remove the existing rumble strips on the outside shoulders and provide a new surface for maintained traffic in subsequent MOT phases. In addition to this mainline resurfacing, the ramps at the S.R. 37 & Columbus Rd. interchange shall be resurfaced before Phase 1 MOT may begin.

All proposed bridge work at the LIC-16-1718 (Thornwood Crossing) structure shall be complete before Phase 1 MOT may begin. All proposed bridge work at the LIC-16-1416 (Columbus Road) structure shall be complete before Phase 1 MOT may begin and before temporary signals are installed at the S.R. 16/S.R. 37 interchange.

Work zone cameras as specified on sheets P.29, P.72, and P.88 shall be installed and functional before Phase 1 MOT may begin.

Phase 1 (Median Construction)
Traffic shall be moved to the outside of the existing roadway in both the Eastbound and Westbound directions.

The contractor shall construct the median area per the proposed roadway typical sections except that the proposed surface course shall be replaced with 1.50" of ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448). This temporary surface course will be removed during Phase 4 final resurfacing.

Temporary pavement at the proposed crossover locations as shown on sheets P.54 - P.58 shall be constructed for use in subsequent MOT phases.

All ramps shall remain open during Phase 1.

Phase 2 (Eastbound Construction)
Temporary signals at the Columbus Rd. interchange as shown on sheets P.41 - P.42 shall be constructed and operational before any ramps are closed in Phase 2 MOT.

Westbound traffic shall remain in its phase 1 configuration. Eastbound traffic shall be split in contra-flow with the Eastbound passing lane crossing over to the inside shoulder of the Westbound lanes, and the Eastbound driving lane shifting over to the inside shoulder of the Eastbound lanes.

The contractor shall construct the Eastbound area per the proposed roadway typical sections except that the proposed surface course shall be replaced with 1.50" of ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448). This temporary surface course will be removed during Phase 4 final resurfacing.

River Rd. shall be closed to the traveling public during Phase 2, however, EMS access shall be provided **AT ALL TIMES** as shown in the Phase 2 plan sheets. (Access only needed entering River Rd., not exiting from it.)

Permitted Ramp Closures:
Phase 2A - Ramp C, Ramp D, and River Rd. shall be closed
Phase 2B - Ramps G, Ramp H, and River Rd. shall be closed
Phase 2C - River Rd. shall be closed

Phase 3 (Westbound Construction)
Temporary signals at the Columbus Rd. interchange as shown on sheets P.41 - P.42 shall remain in operation from Phase 2.

Eastbound traffic shall be in its final post-construction configuration. Westbound traffic shall be split in contra-flow with the Westbound passing lane crossing over to the inside shoulder of the Eastbound lanes, and the Westbound driving lane shifting over to the inside shoulder of the Westbound lanes.

The contractor shall construct the Westbound area per the proposed roadway typical sections except that the proposed surface course shall be replaced with 1.50" of ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448). This temporary surface course will be removed during Phase 4 final resurfacing.

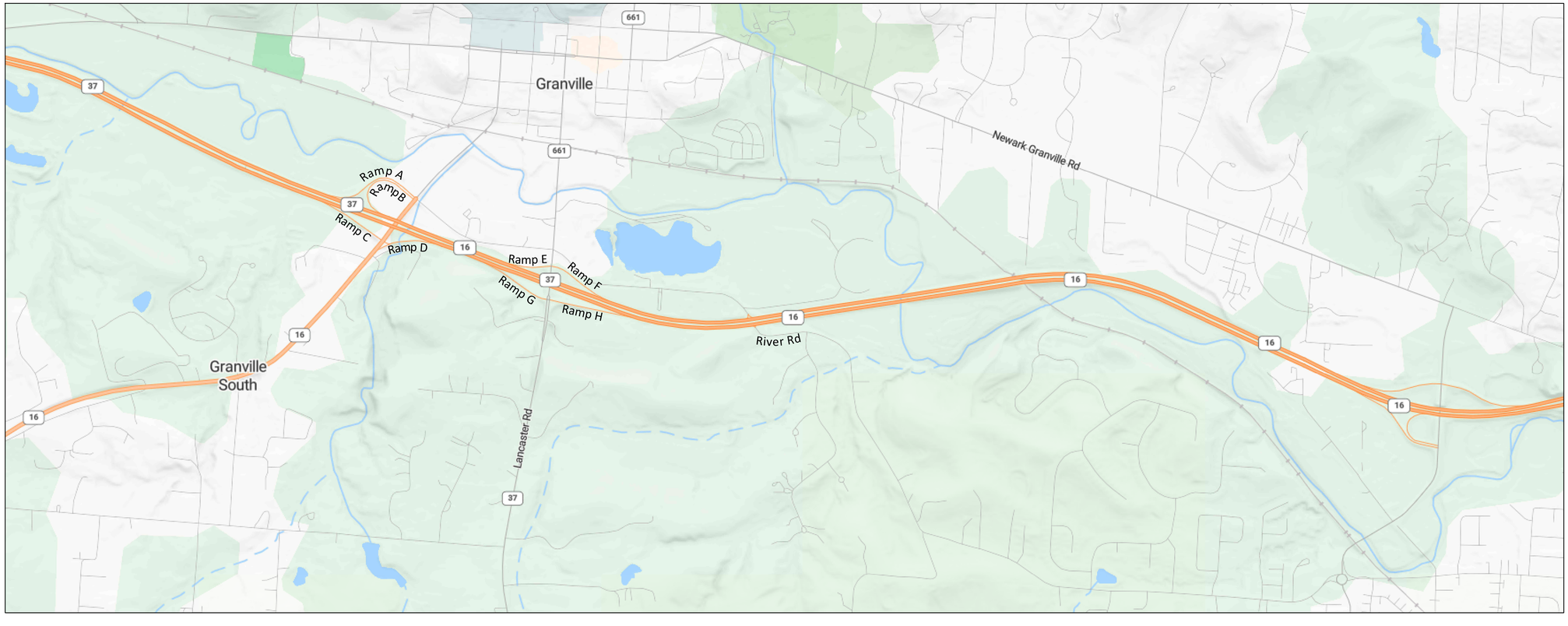
Permitted Ramp Closures:
Phase 3A - Ramp A and Ramp B shall be closed
Phase 3B - Ramp E & F shall be closed
Phase 3C - All ramps open

Phase 4 (Final Resurfacing)
Traffic shall be maintained at all times per SCD MT-95.30.

Construct final resurfacing as per the Phase 4 MOT typical section on sheet P.40.

Install final pavement markings and signs.

All ramps shall be open during Phase 4.



MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

DESIGNER BRH
REVIEWER CMY 09/05/25
PROJECT ID 95445
SHEET P.24 TOTAL 895

LIC-16/37-14.24/15.47

ITEM 614 MAINTAINING TRAFFIC

A minimum of two (2) lanes of traffic in each direction shall be maintained at all times by use of existing pavement, the completed pavement, Item 615 Pavement for Maintaining Traffic, Item 615 Roads for Maintaining Traffic, and temporary surfaces using 614, excluding the closure times stated in the lane value contract table below.

Lane Value Contract Table

Description of Critical Lane/ Ramp to be maintained	Restricted Time Period	Time Unit	Disincentive $ per time unit
2 Lanes of LIC S.R. 16 / 37 E.B. & W.B.	**	15 Min.	$2,500
Any Ramps from/to S.R. 16 / 37	**	15 Min.	$1,250

**See Permitted Lane Closure Times Note

Lane Closure/Reduction Required
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.

Ramp/Lane closures will be permitted for resurfacing and bridge sealing operations under night closure times only, as stated above in the lane value contract table. The Project Engineer shall obtain approval from the District Deputy Director prior to short-term closure of any ramps. Use PCMS to detour ramp traffic adjacent interchanges. Ramp traffic shall be maintained at all other times (except for allowable long-term closures in the incentive/disincentive table below).

The contractor shall provide notice of ramp closures to all traffic at least seven calendar days in advance of closure through the use of portable changeable message signs. The PCMS should be erected as shown in the plans and/or as directed by the engineer. The PCMS should be erected well in advance of the closure area to avoid distracting motorists.

Incentive/Disincentive Contract Table

Description or location of critical work	Time (days)	Incentive/ Disincentive ($ per day)	Maximum incentive ($)
Construct accel./ decel. lanes at Ramps C & D	45	$5,000	$25,000
Construct accel./ decel. lanes at Ramps G & H	45	$5,000	$25,000
Construct accel./ decel. lanes at Ramps A & B	45	$5,000	$25,000
Construct accel./ decel. lanes at Ramps E & F	45	$5,000	$25,000

Areas that are planed shall not be opened to traffic. All planed areas must be inlaid with a proposed course of asphalt concrete prior to being opened to traffic.

Overnight closures must meet specifications as outlined in the Construction and Maintenance Operations section of the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways. The roadway shall not be opened to traffic without either the permanent or work zone markings in place.

Lanes Open During Holidays or Special Events
No work shall be performed and all existing lanes shall be open to traffic during the following designated holidays or special events:

New Year's (observed)
Memorial Day
Granville 4th of July Celebration*
Fourth of July (observed)
Labor Day
General/Regular Election Day (Nov)
Thanksgiving
Christmas (observed)

(*Dates to be determined by Village of Granville)

The period of time that the lanes are to be open depends on the day of the week on which the holiday or special event falls. The following schedule shall be used to determine this period:

Day of holiday or event	Time all lanes must be open to traffic
Sunday	12:00N Friday through 6:00 AM Monday
Monday	12:00N Friday through 6:00 AM Tuesday
Tuesday	12:00N Monday through 6:00 AM Wednesday
Tuesday (Gen./Reg. Election)	5:00 AM Tuesday through 12:00 AM Wednesday
Wednesday	12:00N Tuesday through 6:00 AM Thursday
Thursday	12:00N Wednesday through 6:00 AM Friday
Thursday (Thanksgiving only)	6:00 AM Wednesday through 6:00 AM Monday
Friday	12:00N Thursday through 6:00 AM Monday
Saturday	12:00N Friday through 6:00 AM Monday

Notice of Closure Signs
Notice of Closure signs (W20-H13) shall be erected by the Contractor prior to the scheduled road or ramp closure in accordance with the Notice of Closure Time Table below. [At the approval of the Engineer, portable changeable message signs may be used in lieu of the standard flatsheet sign for a closure less than 1 week.]

The signs shall be erected on the right-hand side of the road/ramp facing traffic. They shall be placed so as not to interfere with the visibility of any other traffic control signs. On roadways, they should be erected at or near the point of closure. The signs may be erected anywhere on ramps as long as they are visible to the motorists using the ramp. On entrance ramps, the sign shall be erected well in advance of the merge area to avoid distracting motorists.

Notice of Closure Sign Time Table

Item	Duration of Closure	Sign Displayed to Public
Ramp & Road Closures	≥ 2 weeks	14 calendar days prior to closure
	> 12 hours & < 2 weeks	7 calendar days prior to closure
	≤ 12 hours	2 business days prior to closure

The sign shall display the date of the closure in MMM-DD format and the number of days of the closure. The last line of the W20-H13 sign lists a phone number which a motorist may call for additional information. This is to be a specific office within the District rather than the general switchboard number.

ROAD CLOSED Sign
The Contractor shall provide, erect and maintain standard 48 x 30 inch ROAD CLOSED signs, sign supports, barricades and lights, as detailed in Traffic SCD MT-101.60 at the following locations during periods in which the affected roads are closed to traffic. See detour plan sheets for locations.

Signs and Barricades
The Contractor shall provide, erect and maintain signs and sign supports, as detailed in the Ohio Manual of Uniform Traffic Control Devices, and Type III barricades of the type and location as detailed in the plans. See detour plan sheets for locations.

Lane closures will be accomplished in accordance with the standard drawings listed on the Title Sheet, in consideration of the traffic flow. Lane closures shall only occur during contractor work hours.

The contractor will have on site and in working and or suitable condition; all equipment, tools, laborers, LEO's, traffic control devices, and incidentals necessary to efficiently perform the closure before initializing the lane closure.

All signs shown on the MOT plan sheets (whether relocated existing signs, new temporary signs, or temporary overlays on existing signs) shall be erected as shown in the plans, unless otherwise instructed by the Engineer.

All work and traffic control devices shall be in accordance with CMS 614 and other applicable portions of the specifications, as well as the Ohio Manual of Uniform Traffic Control Devices. Payment for all labor, equipment, and materials shall be included in the lump sum contract price for ITEM 614 MAINTAINING TRAFFIC, unless separately itemized in the plans.

MOT for Proposed Bridge Work

The maintenance of traffic required for the proposed bridge work in the plans shall be as shown on sheets P.843 - P.857 and shall be included in the lump sum bid for ITEM 614 MAINTAINING TRAFFIC.

Notification of Traffic Restrictions

Throughout the duration of the project, the Contractor shall notify the project engineer in writing of all traffic restrictions and upcoming maintenance of traffic changes. The Contractor shall ensure the written notification is submitted in a timely manner to allow the project engineer to meet the required time frames set forth in the table below to inform the Special Hauling Permits Section (Hauling.Permits@dot.ohio.gov) and the District Public Information Office (PIO). This notification shall be received by the project engineer prior to the physical setup of any applicable signs or message boards.

Information should include, but is not limited to, all construction activities that impact or interfere with traffic and shall list the specific location, type of work, road status, date and time of restriction, duration of restriction, number of lanes maintained, number of lanes closed, minimum vertical clearance, minimum width of driveable pavement, detour routes, if applicable, and any other information requested by the project engineer.

Notification of Traffic Restrictions Time Table

Item	Duration of Closure	Sign Displayed to Public
Ramp & Road Closures	≥ 2 weeks	21 calendar days prior to closure
	> 12 hours & < 2 weeks	14 calendar days prior to closure
	≤ 12 hours	4 business days prior to closure
Lane Closures & Restrictions	≥ 2 weeks	14 calendar days prior to closure
	< 2 weeks	5 business days prior to closure
Start of Construction & Traffic Pattern Changes	N/A	14 calendar days prior to implementation

Any unforeseen conditions not specified in the plans requiring traffic restrictions shall also be reported to the project engineer using the Notification Time Table.

Maintaining EMS Access to River Rd.

The maintenance of traffic plans indicate the Contractor is required to provide access from S.R. 16 Eastbound to River Rd. at all times during the project for emergency vehicles. Access is shown in the plans during Phase 2 (Eastbound construction) when River Rd. will be closed.

If the contractor chooses to change the phasing of the MOT, this access must be maintained for emergency personnel at all times.

This access is only required in one direction, from S.R. 16 Eastbound to River Rd. (i.e. access is not needed from River Rd. to S.R. 16 Eastbound).

Any short-term closures that would prevent an emergency vehicle from getting access to River Rd. from S.R. 16 Eastbound must be approved by:

Casey Curtis (Fire Chief, Granville Township Fire Department)
500 S. Main Street
PO BOX 315
Granville, OH 43023
740-587-0261 (Station Phone)
ccurtis@granvilletownship.org

Any signage required to maintain this access (and subsequently to prevent access from non-EMS vehicles) shall be included in the lump sum bid of ITEM 614 MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

DESIGNER BRH
REVIEWER CMY 09/05/25
PROJECT ID 95445
SHEET P.25 TOTAL 895

LIC-16/37-14.24/15.47

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ITEM 614 MAINTAINING TRAFFIC, MISC.: SAFETY REPAIRS

For impact attenuator or guardrail damaged by the motoring public, the contractor shall follow the process outlined in CMS 107.15. If no accident report is available, the contractor shall provide documentation from the various possible responding agencies that no accident report is available. For incidents with an accident report available, but the owner or insurance company is non-responsive, copies of the communication shall be submitted to the project per CMS 107.15B. For both conditions above, the engineer shall determine the safety items that may be repaired and the safety items that shall be replaced.

The work will be as directed by the Engineer and will include all maintenance of traffic costs associated with the activity. The cost for each item shall be $1.00. The fixed amount shown in the proposal is included (as any other bid items) in the total bid amount. This fixed amount is the Department's estimate of the total cost for the repair or replacement of safety items within the work limits as directed by the Engineer. CMS Table 104.02-2 does not apply to reductions in this contract item. Force account records shall be kept to track and ultimately determine the amount of the pay item used. This item shall include payment for all work, incidentals, and all associated costs for the repair or replacement of damaged safety items as directed by the Engineer.

The following quantity has been provided in the General Summary:

ITEM 614 MAINTAINING TRAFFIC, MISC.: SAFTEY REPAIRS 50,000 EACH

ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN

An estimated quantity for pavement repair has been included in the plan to be used as directed by the Engineer. Repairs shall take place prior to any planing operations.

The intent of this operation is to repair deteriorated transverse joints in the Eastbound pavement area prior to any workzone resurfacing in Pre-Phase 1. However, this item may be used as directed by the Engineer at other locations on the project.

For calculation purposes, the size of the repair shall be as follows:

Transverse Width = 18 feet (12' ex. driving lane + 6' ex. passing lane)

Longitudinal Width = 6 feet (centered over the joint)

Depth of pavement removal shall be 3.00 inches.

After pavement removal has been completed, the face of the repair shall be coated with ITEM 407 TACK COAT. Replacement material shall be 3.00" of ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), placed, compacted, and tacked.

All excavation, materials, labor, equipment, tools, traffic control, and incidentals needed to complete the work described above shall be paid for under ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN.

The following quantity has been provided in the General Summary:
ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN 60 CY

Assuming 60 joints to be repaired:
6' x 18' x (3" ÷ 12) = 27 CF ÷ 27 = 1.00 CY X 60 joints = 60 CY

ITEM 253 PAVEMENT REPAIR, AS PER PLAN

An estimated quantity for pavement repair has been included in the plan to be used as directed by the Engineer. Repairs shall take place prior to any planing operations.

The intent of this operation is to repair deteriorated transverse joints in the Westbound pavement area prior to any workzone resurfacing in Pre-Phase 1. However, this item may be used as directed by the Engineer at other locations on the project.

Depth of excavation shall be 7.00". The minimum width shall be 6 feet, centered over the joint. After excavation has been completed, the face of the repair shall be coated with ITEM 407 TACK COAT. Replacement material shall be 7.00" of ITEM 301 ASPHALT CONCRETE BASE, PG64-22 (placed, compacted, and tacked).

All excavation, materials, labor, equipment, tools, traffic control, and incidentals needed to complete the work described above shall be paid for under ITEM 253, PAVEMENT REPAIR, AS PER PLAN.

The following quantity has been provided in the General Summary:
ITEM 253, PAVEMENT REPAIR, AS PER PLAN 132 CY

PRE-PHASE 1 PAVEMENT REPAIR TABLE

Joint No	Station (CL 37/16)	Width (FT)	Area (SF)	Volume (CY)
1	657 + 98	24	144	3.11
2	660 + 38	24	144	3.11
3	660 + 98	24	144	3.11
4	665 + 18	29	174	3.76
5	676 + 52	29	174	3.76
6	677 + 12	29	174	3.76
7	677 + 72	29	174	3.76
8	678 + 32	29	174	3.76
9	678 + 92	29	174	3.76
10	679 + 52	29	174	3.76
11	680 + 12	29	174	3.76
12	681 + 30	29	174	3.76
13	681 + 90	29	174	3.76
14	683 + 70	24	144	3.11
15	684 + 90	24	144	3.11
16	685 + 50	24	144	3.11
17	686 + 70	24	144	3.11
18	687 + 30	24	144	3.11
19	687 + 90	24	144	3.11
20	689 + 10	24	144	3.11
21	689 + 70	24	144	3.11
22	691 + 40	29	174	3.76
23	700 + 34	29	174	3.76
24	701 + 54	29	174	3.76
25	702 + 14	29	174	3.76
26	703 + 94	24	144	3.11
27	704 + 54	24	144	3.11
28	705 + 74	24	144	3.11
29	706 + 34	24	144	3.11
30	707 + 54	24	144	3.11
31	708 + 14	24	144	3.11
32	708 + 74	29	174	3.76
33	709 + 94	29	174	3.76
34	713 + 44	29	174	3.76
35	721 + 50	29	174	3.76
36	722 + 10	29	174	3.76
37	723 + 80	29	174	3.76
38	725 + 60	29	174	3.76
			TOTAL	132

The joint locations in the table above are for information only, and will be subject to the approval of the engineer before the work begins.

Temporary Guardrail for MOT

The following quantities have been carried to the General Summary to provide protection of the temporary workzone camera at the West end of the project. See P.72 for more details.

ITEM 606 GUARDRAIL TYPE MGS, AS PER PLAN 50 FT

ITEM 606 ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN 1 EACH

ITEM 606 ANCHOR ASSEMBLY, MGS TYPE T, AS PER PLAN 1 EACH

ITEM 626 BARRIER REFLECTOR, TYPE 2 (ONE-WAY) 4 EACH

Designated Local Detour Route

In addition to the official, signed Detour Route, a local detour route has been determined to be the secondary, unsigned Detour Route or "designated local Detour Route." This route is shown on Sheet P.34. During the time that traffic is detoured, the Contractor shall maintain this route 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 determined by the Engineer.

The following estimated quantities are provided for use as determined by the Engineer to maintain and subsequently restore the designated local Detour Route, and Weaver Drive.

ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH - 3" MAX.) 5000 SY

ITEM 301 ASPHALT CONCRETE BASE, PG 64-22 (449) 250 CY

ITEM 304 AGGREGATE BASE 250 CY

ITEM 407 NON-TRACKING TACK COAT 3600 GAL

ITEM 408 PRIME COAT 400 GAL

ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M 50 CY

ITEM 617 COMPACTED AGGREGATE 50 CY

Temporary Drainage Items

The following items are provided in the maintenance of traffic plans to establish positive drainage during contra-flow phases. These items shall follow all the provisions of CMS 611, except the requirements of 611.12 and 611.13 may be waived. In addition, the removal of these temporary items shall also be included in their unit price bids. These requirements apply to the following items:

ITEM 611 15" CONDUIT, TYPE B AS PER PLAN
ITEM 611 CATCH BASIN, NO. 4 WITHOUT APRON, AS PER PLAN
ITEM 611 CATCH BASIN, NO. 6. AS PER PLAN
ITEM 611 CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN

Payment for the above items shall include all labor, equipment, tools, and materials required to install, maintain, remove, and/or restore to existing conditions (i.e. existing catch basins) these temporary drainage items.

ITEM 611 15", SLOTTED DRAIN, TYPE 2, AS PER PLAN

This item consists of 15 inch diameter slotted drain aluminum coated steel conduit 707.01 with 6 inch trapezoidal galvanized solid bar grate as approved by the Engineer. All costs for labor and materials, including Type 2 bedding, and backfilling as detailed by Standard Construction Drawing DM-1.3 is included in the price bid per FT for ITEM 611 15", SLOTTED DRAIN, TYPE 2, AS PER PLAN.

This item shall also include the removal and disposal of the system by the Contractor at the end of the project.

Item 614, Maintaining Traffic (Estimated Quantities)

The following estimated quantities have been included in the General Summary for use as determined by the Engineer for the maintenance of traffic:

ITEM 410 TRAFFIC COMPACTED SURFACE, TYPE A OR B 50 CY

ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 50 CY

ITEM 614 MAINTAINING TRAFFIC, MISC.: WORK ZONE CAMERA

The Contractor shall provide a temporary workzone camera at the locations specified in the plans. The Contractor shall coordinate the work with the Ohio Department of Transportation Office of Intelligent Transportation Systems (ODOT CO ITS). The contractor shall provide the following:

1. 120V Power to the specified camera location
2. A temporary pole with a minimum 40' camera mounting height
3. A pole-mounted cabinet conforming to SS 909.07.B
4. Outdoor ethernet cable conforming to SS 909.10.B
5. A pan-zoom-tilt camera conforming to SS 909.03.A
6. Access to the camera for CO ITS for the duration of the project

CO ITS will provide the Contractor with a modem for installation.

This item shall also include the removal of the above work upon completion of the project. All items shall become the property of the Contractor except that the pole-mounted Cabinet and the PTZ camera shall be delivered to:

Brian Bosch (District 5 Traffic Engineer)
9600 Jacksontown Road
Jacksontown, OH 43030
740.323.5182
Brian.Bosch@dot.ohio.gov

See sheets P.72 and P.88 for proposed camera locations.

Payment for the above work shall be at the contract unit price and include all labor, equipment, materials, tools, and incidentals to coordinate, erect, maintain, remove, and deliver salvaged items for each temporary workzone camera location.

The following quantities have been provided in the General Summary:

ITEM 614 MAINTAINING TRAFFIC, MISC.: WORKZONE CAMERA 2 EACH

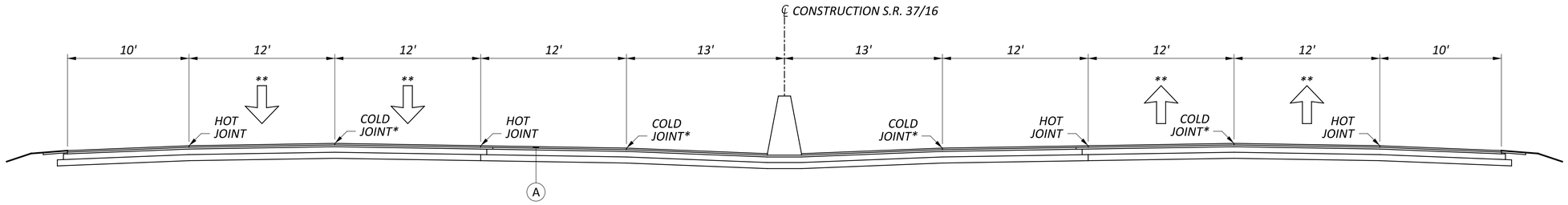
LIC-16/37-14.24/15.47
MODEL: Sheet 6 PAPERSIZE: 34x22 (in.) DATE: 1/13/2026 TIME: 3:25:13 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\95445\400-Engineering\MOT\Sheets\95445_MN001.dgn

DESIGN AGENCY

DESIGNER BRH
REVIEWER CMY 09/05/25
PROJECT ID 95445
SHEET P.29 TOTAL 895

LIC-16/37-14.24/15.47

**TWO LANES OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT WHEN A LANE CLOSURE IS ALLOWED ACCORDING TO THE PERMITTED LANE CLOSURE SCHEDULE (SEE SHEET P.26), AT WHICH TIME TRAFFIC SHALL BE MAINTAINED PER SCD MT-95.30.



WESTBOUND LANES

*ADDITIONAL QUANTITY FOR CUTBACK NOT TO BE PAID UNDER ITEM 442, ASPHALT CONCRETE SURFACE COURSE

EASTBOUND LANES

MOT PHASE 4

FINAL RESURFACING

LEGEND

(A) ITEM 254 PAVEMENT PLANING (1.50")
ITEM 407 NON-TRACKING TACK COAT
ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (1.50")

MOT TYPICAL SECTION - PHASE 4

DESIGN AGENCY

DESIGNER BRH

REVIEWER CMY 09/05/25

PROJECT ID 95445

SHEET P.40 | TOTAL 895

SHEET NUMBER											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
782		784		786		811		816		845	01/NHS	02/NHS	03/NHS						
																		TRAFFIC CONTROL	
				656								656		621	00100	656	EACH	RPM	
				656								656		621	54000	656	EACH	RAISED PAVEMENT MARKER REMOVED	
								10			9	1		625	32000	10	EACH	GROUND ROD	
4												4		626	00102	4	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
386											386			626	00102	386	EACH	BARRIER REFLECTOR, TYPE 1 (TWO-WAY)	
181												181		626	00110	181	EACH	BARRIER REFLECTOR, TYPE 2 (ONE-WAY)	
18											18			626	00118	18	EACH	BARRIER REFLECTOR, TYPE 6	
								930			194	736		630	03101	930	FT	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	22
								47				47		630	04101	47	FT	GROUND MOUNTED SUPPORT, NO. 4 POST, AS PER PLAN	22
								278.4				278.4		630	06400	278.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	
								103.7				103.7		630	06500	103.7	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9	
								344				344		630	08000	344	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12X30	
								15				15		630	08600	15	EACH	SIGN POST REFLECTOR	
								28				28		630	09000	28	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
								1				1		630	72330	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10	
								3			3			630	72420	3	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2	
								25			25			630	79611	25	EACH	SIGN SUPPORT ASSEMBLY, BARRIER MOUNTED, AS PER PLAN	806
								245.4			229.4	16		630	80100	245.4	SF	SIGN, FLAT SHEET	
								1,558				1,558		630	80200	1,558	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
								1,498.8			1,320.8	178		630	80224	1,498.8	SF	SIGN, OVERHEAD EXTRUSHEET	
								11			11			630	82000	11	EACH	SIGN BACKING ASSEMBLY	
								6			6			630	84010	6	EACH	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50	
								34				34		630	84500	34	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
								4			3	1		630	84510	4	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
						33					20	13		630	84900	33	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
						54					13	41		630	85100	54	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
						12						12		630	85400	12	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	
						104					48	56		630	86002	104	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
						29						29		630	86102	29	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
						4						4		630	86272	4	EACH	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND DISPOSAL	
						11					11			630	87400	11	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	
						3					3			630	89804	3	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-15.115	
		19.23										19.23		642	00104	19.23	MILE	EDGE LINE, 6", TYPE 1	
		8.82										8.82		642	00204	8.82	MILE	LANE LINE, 6", TYPE 1	
		0.01										0.01		642	00300	0.01	MILE	CENTER LINE, TYPE 1	
		6,478										6,478		642	00404	6,478	FT	CHANNELIZING LINE, 12", TYPE 1	
		89										89		642	00500	89	FT	STOP LINE, TYPE 1	
		3										3		642	01300	3	EACH	LANE ARROW, TYPE 1	
		4										4		642	01322	4	EACH	WRONG WAY ARROW, TYPE 1	
		1										1		642	01400	1	EACH	WORD ON PAVEMENT, 72", TYPE 1	
		7,406										7,406		642	01510	7,406	FT	DOTTED LINE, 6", TYPE 1	
										0.39		0.39		646	10010	0.39	MILE	EDGE LINE, 6"	
										0.18		0.18		646	10110	0.18	MILE	LANE LINE, 6"	
										0.12		0.12		646	10200	0.12	MILE	CENTER LINE	
										1,192		1,192		646	10300	1,192	FT	CHANNELIZING LINE, 8"	
										10		10		646	20300	10	EACH	LANE ARROW	
										6		6		646	20400	6	EACH	WORD ON PAVEMENT, 72"	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER BRH

REVIEWER CMY 09/05/25

PROJECT ID 95445

SHEET P.425 TOTAL 895

LIC-16/37-14.24/15.47

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SHEET NUMBER										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	22		27		28		29		52	01/NHS	02/NHS	03/NHS						
																	MAINTENANCE OF TRAFFIC	
							60			60			251	01011	60	CY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	29
							132			132			253	02001	132	CY	PAVEMENT REPAIR, AS PER PLAN	29
							5,000			5,000			254	01000	5,000	SY	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH - 3" MAX.)	
							250			250			301	56000	250	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
							250			250			304	20000	250	CY	AGGREGATE BASE	
							3,600			3,600			407	20000	3,600	GAL	NON-TRACKING TACK COAT	
							400			400			408	10000	400	GAL	PRIME COAT	
							50			50			410	12000	50	CY	TRAFFIC COMPACTED SURFACE, TYPE A OR B	
									30	30			411	10000	30	CY	STABILIZED CRUSHED AGGREGATE	
							200			200			441	70100	200	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M	
							50			50			606	15051	50	FT	GUARDRAIL, TYPE MGS, AS PER PLAN	29
							1			1			606	26151	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (MASH 2016)	29
							1			1			606	26551	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T, AS PER PLAN	29
									973	973			611	05901	973	FT	15" CONDUIT, TYPE B, AS PER PLAN	29
									643	643			611	97011	643	FT	SLOTTED DRAIN, TYPE 2, AS PER PLAN (15")	29
									2	2			611	98261	2	EACH	CATCH BASIN, NO. 4 WITHOUT APRON, AS PER PLAN	29
									3	3			611	98371	3	EACH	CATCH BASIN, NO. 6, AS PER PLAN	29
									2	2			611	98635	2	EACH	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	29
					1,250					1,250			614	11110	1,250	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
					1					1			SPECIAL	61411300	1	EACH	WORK ZONE TRAFFIC SIGNAL (RAMPS A/B)	28
					1					1			SPECIAL	61411300	1	EACH	WORK ZONE TRAFFIC SIGNAL (RAMPS C/D)	28
									4,788	2,208	2,580		614	11630	4,788	FT	INCREASED BARRIER DELINEATION	
									38	2	36		614	12380	38	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
										LS			614	12420	LS		DETOUR SIGNING	
			10							10			614	12484	10	EACH	WORK ZONE INCREASED PENALTIES SIGN	
					15					15			614	12500	15	EACH	REPLACEMENT SIGN	
					40					40			614	12600	40	EACH	REPLACEMENT DRUM	
					1					1			614	12756	1	EACH	WORK ZONE CROSSOVER LIGHTING SYSTEM	
									977		977		614	12800	977	EACH	WORK ZONE RAISED PAVEMENT MARKER	
							50			50			614	13000	50	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
									2,941	897	2,044		614	13310	2,941	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
									777		777		614	13310	777	EACH	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	
									1,638	896	742		614	13350	1,638	EACH	OBJECT MARKER, ONE WAY	
							50,000			50,000			614	18000	50,000	EACH	MAINTAINING TRAFFIC, MISC.: SAFETY REPAIRS	29
							2			2			614	18000	2	EACH	MAINTAINING TRAFFIC, MISC.: WORK ZONE CAMERA	29
			160							160			614	18601	160	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	27
									37	19	18		614	20110	37	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
									144.57	40.85	103.72		614	22110	144.57	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
									75,582	24,030	51,552		614	23200	75,582	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
									44,506	15,700	28,806		614	24202	44,506	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT	
									171	171			614	26200	171	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
									7	4	3		614	30200	7	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT	
			LS							LS			615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
									6,350	6,350			615	20000	6,350	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
					99					63	36		616	10000	99	MGAL	WATER	
							50			50			617	10100	50	CY	COMPACTED AGGREGATE	
									1,758	1,102	656		621	00100	1,758	EACH	RPM	
									1,758	1,102	656		621	54000	1,758	EACH	RAISED PAVEMENT MARKER REMOVED	
									103,020	43,408	59,612		622	41100	103,020	FT	PORTABLE BARRIER, UNANCHORED	
									42,500		42,500		622	80000	42,500	FT	GLARE SCREEN	
							4			4			626	00110	4	EACH	BARRIER REFLECTOR, TYPE 2 (ONE-WAY)	
			300							300			808	18700	300	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	
																	INCIDENTALS	
										LS	LS	LS	614	11000	LS		MAINTAINING TRAFFIC	
	LS									LS	LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	22
										LS	LS		623	11000	LS		PROVIDING ELECTRONIC INSTRUMENTATION	
										LS	LS	LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER BRH

REVIEWER CMY 09/05/25

PROJECT ID 95445

SHEET P.427 TOTAL 895

LIC-16/37-14.24/15.47

BARRIER REFLECTOR SUBSUMMARY

SHEET NO.	REFERENCE NO.	DESCRIPTION (TYPE OF BARRIER)	LOCATION (STA. TO STA.)		LENGTH (FT)	626 BARRIER REFELCTOR, TYPE 1 (ONE-WAY) (WHITE) EACH	626 BARRIER REFELCTOR, TYPE 1 (TWO-WAY) (YELLOW/RED) EACH	626 BARRIER REFLECTOR, TYPE 2 (ONE-WAY) (WHITE) EACH	626 BARRIER REFLECTOR, TYPE 6 (TWO-WAY) (YELLOW/YELLOW) EACH	ADDITIONAL DETAILS
		PLAN SPLIT 01/NHS								
P.787-788	BR-1	MEDIAN CABLE RAIL	624+00	639+30	1530				17	100' SPACING
P.787	BR-2	MEDIAN CABLE RAIL ANCHOR ASSEMBLY	624+50	625+00	50				1	DELINEATE PR. END ANCHOR
P.788-797	BR-3	MEDIAN CONCRETE BARRIER (EASTBOUND)	639+35	747+93	10,858		110			100' SPACING
P.788-797	BR-4	MEDIAN CONCRETE BARRIER (WESTBOUND)	639+65	747+93	10,828		110			100' SPACING
P.797-803	BR-5	MEDIAN CONCRETE BARRIER (EASTBOUND)	750+57	831+70	8113		83			100' SPACING
P.797-803	BR-6	MEDIAN CONCRETE BARRIER (WESTBOUND)	750+57	831+70	8113		83			100' SPACING
		SUB-TOTALS (PLAN SPLIT 01/NHS)					386		18	
		PLAN SPLIT 02/NHS								
P.789-790	BR-7	EASTBOUND GUARDRAIL	653+50	660+73	723			9		100' SPACING
P.789-790	BR-8	WESTBOUND GUARDRAIL	654+00	662+46	846			10		100' SPACING
P.791	BR-9	EASTBOUND GUARDRAIL	669+69	671+06	137			3		100' SPACING
P.791	BR-10	EASTBOUND TYPE D CONCRETE BARRIER	671+06	671+63	57	2				DELINEATE ENDS OF BARRIER
P.791	BR-11	WESTBOUND TYPE D CONCRETE BARRIER	671+61	672+19	58	2				DELINEATE ENDS OF BARRIER
P.791	BR-12	WESTBOUND GUARDRAIL	672+19	673+94	175			3		100' SPACING
P.792	BR-13	WESTBOUND GUARDRAIL	682+00	687+88	588			7		100' SPACING
P.792-793	BR-14	EASTBOUND GUARDRAIL	693+63	697+13	350			5		100' SPACING
P.793	BR-15	WESTBOUND GUARDRAIL	694+88	698+38	350			5		100' SPACING
P.794	BR-16	WESTBOUND GUARDRAIL	707+00	708+88	188			3		100' SPACING
P.795-797	BR-17	WESTBOUND GUARDRAIL	728+88	747+50	1862			20		100' SPACING
P.795-797	BR-18	EASTBOUND GUARDRAIL	729+38	747+13	1775			19		100' SPACING
P.797-800	BR-19	EASTBOUND GUARDRAIL	750+88	793+38	4250			44		100' SPACING
P.797-801	BR-20	WESTBOUND GUARDRAIL	751+50	799+25	4775			49		100' SPACING
P.801	BR-21	EASTBOUND GUARDRAIL	798+25	800+88	263			4		100' SPACING
		SUB-TOTALS (PLAN SPLIT 02/NHS)				4		181		
		SUB-TOTALS (PLAN SPLIT 01/NHS)					386		18	
		SUB-TOTALS (PLAN SPLIT 02/NHS)				4		181		
		TOTALS CARRIED TO GENERAL SUMMARY				4	386	181	18	

DESIGN AGENCY

DESIGNER WAC

REVIEWER BRH 09/05/25

PROJECT ID 95445

SUBSET 0 | TOTAL 0

SHEET P.782 | TOTAL 895

LIC-16/37-14.24/15.47

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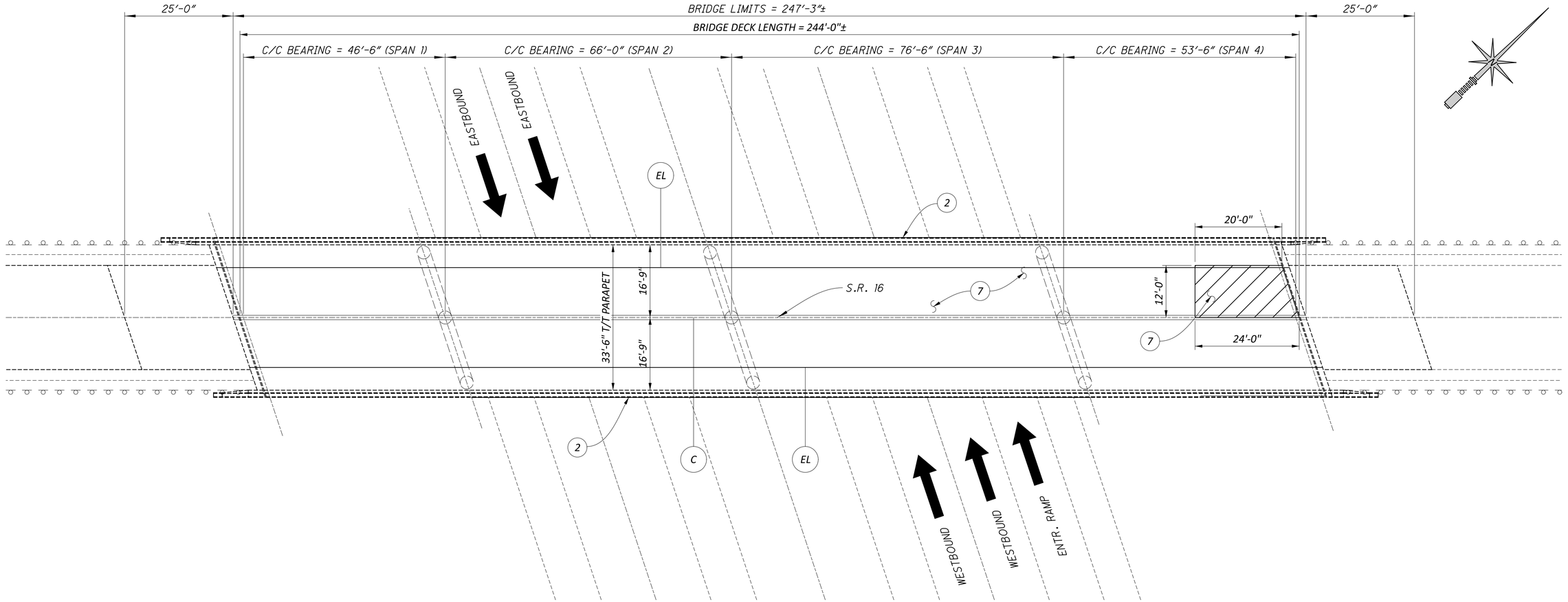
dgn



PLAN

MOT

LIC-16-14.151: *MAINTAINING TRAFFIC PER MT-97.10. NO IMPACT TO TRAFFIC ALLOWED BETWEEN 6AM AND 6PM MONDAY-FRIDAY. WORK SHALL BE COMPLETED BEFORE PHASE 1 MOT MAY BEGIN.*

WORK TYPE LEGEND

1. *ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, SUBSTRUCTURE*
2. ***ITEM 202 - REMOVAL MISC.: DETERIORATED DECK EDGES***
3. *ITEM 511 - CONCRETE, MISC.: CLASS QC2 WITH ACCELERATING ADMIXTURE, APPROACH SLAB AND BACKWALL REPAIR*
4. *ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN*
5. *ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN (A)*
6. *ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: 3" BEJS EMSEAL*
7. ***ITEM 519 - PATCHING BRIDGE DECKS, TYPE B***

PAVEMENT MARKING LEGEND

- ***EL*** — ***ITEM 646 - EDGE LINE, 6"***
- *LL* — *ITEM 646 - LANE LINE, 6"*
- ***C*** — ***ITEM 646 - CENTERLINE, 6"***
- *CL* — *ITEM 646 - CHANNELIZING LINE, 8"*
- *LA* — *ITEM 646 - LANE ARROW*
- *WP* — *ITEM 646 - WORD ON PAVEMENT, 72"*

EXISTING STRUCTURE (SFN: 4501772)

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 46'-6", 66'-0", 76'-6", 53'-6"
ROADWAY: 33'-6" T/T PARAPET
LOAD FREQUENCY: CF-400
SKEW: 18°20'40" RIGHT FORWARD
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 25 FEET LONG (AS-1-81)
ALIGNMENT: TANGENT
CROWN: 0.0156 FT/FT

BRIDGE PLAN
BRIDGE NO.: LIC-16-14.151
OVER S.R. 16

SFN	4501772
DESIGN AGENCY	
DESIGNER	TAG
CHECKER	JKS
REVIEWER	TAG 09/15/25
PROJECT ID	95445
SUBSET	0
TOTAL	0
SHEET	P.846
TOTAL	895

LIC-16/37-14.24/15.47

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 1/13/2026 TIME: 3:45:33 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEx02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
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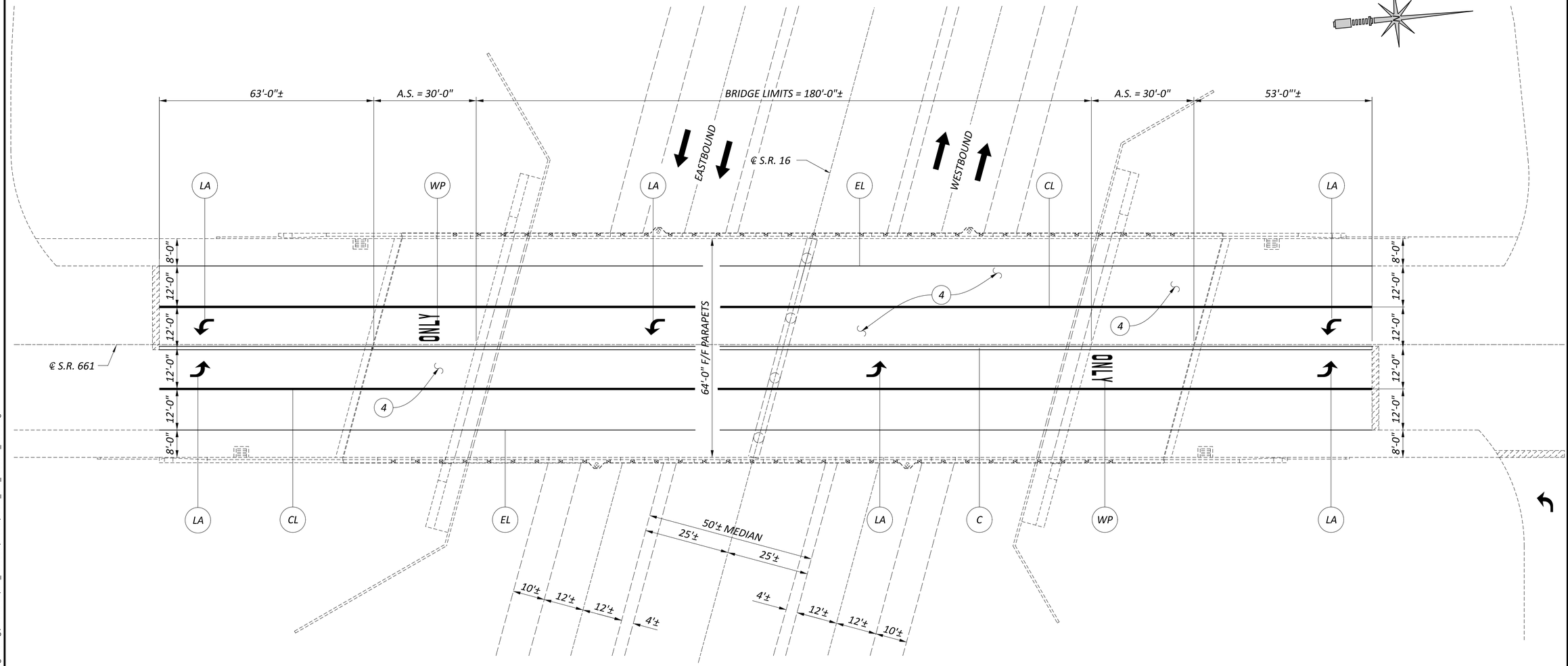

MOT

LIC-661-0.034: *MAINTAIN A SINGLE LANE OF TRAFFIC EACH DIRECTION AT ALL TIMES.*

WORK TYPE LEGEND

1. *ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, SUBSTRUCTURE*
2. *ITEM 202 - REMOVAL MISC.: DETERIORATED DECK EDGES*
3. *ITEM 511 - CONCRETE, MISC.: CLASS QC2 WITH ACCELERATING ADMIXTURE, APPROACH SLAB AND BACKWALL REPAIR*
4. ***ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN***
5. *ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN (A)*
6. *ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: 3" BEJS EMSEAL*
7. *ITEM 519 - PATCHING BRIDGE DECKS, TYPE B*

PAVEMENT MARKING LEGEND

- ***EL*** — ***ITEM 646 - EDGE LINE, 6"***
- ***LL*** — ***ITEM 646 - LANE LINE, 6"***
- ***C*** — ***ITEM 646 - CENTERLINE, 6"***
- ***CL*** — ***ITEM 646 - CHANNELIZING LINE, 8"***
- ***LA*** — ***ITEM 646 - LANE ARROW***
- ***WP*** — ***ITEM 646 - WORD ON PAVEMENT, 72"***

EXISTING STRUCTURE (SFN: 4506333)

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK, SEMI-INTERGRAL ABUTMENTS AND CAP AND COLUMN PIER.
SPANS: 91'-7", 86'-3"
ROADWAY: 80'-0" T/T PARAPET
LOAD FREQUENCY: HL-93
SKEW: $4^{33}/_{64}$-00'-00" LEFT FORWARD
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30 FEET LONG (AS-1-81)
ALIGNMENT: TANGENT
CROWN: 0.0156 FT/FT

BRIDGE PLAN
BRIDGE NO.: LIC-661-0.034
OVER S.R. 16

SFN 4506333
DESIGN AGENCY

DESIGNER	CHECKER
TAG	JKS

REVIEWER: TAG 09/15/25
PROJECT ID: 95445
SUBSET: 0 TOTAL: 0
SHEET: P.848 TOTAL: 895

LIC-16/37-14.24/15.47

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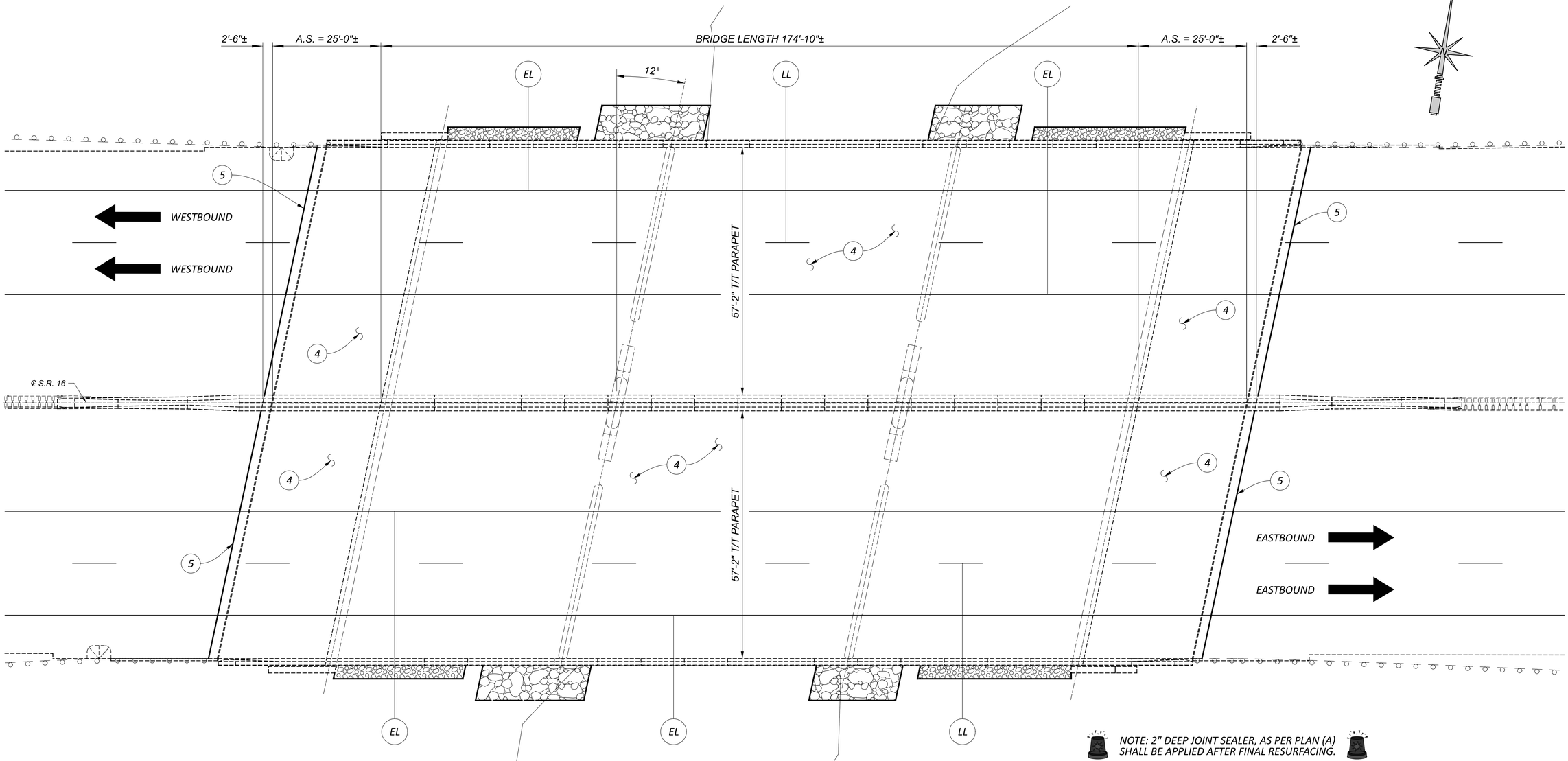
LIC-16/37-14.24/15.47



NOTE: 2" DEEP JOINT SEALER, AS PER PLAN (A) SHALL BE APPLIED AFTER FINAL RESURFACING.

PLAN

WORK TYPE LEGEND

1. ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, SUBSTRUCTURE
2. ITEM 202 - REMOVAL MISC.: DETERIORATED DECK EDGES
3. ITEM 511 - CONCRETE, MISC.: CLASS QC2 WITH ACCELERATING ADMIXTURE, APPROACH SLAB AND BACKWALL REPAIR
4. **ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN**
5. **ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN (A)**
6. ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: 3" BEJS EMSEAL
7. ITEM 519 - PATCHING BRIDGE DECKS, TYPE B

PAVEMENT MARKING LEGEND

- EL — **ITEM 646 - EDGE LINE, 6"**
- LL — **ITEM 646 - LANE LINE, 6"**
- C — ITEM 646 - CENTERLINE, 6"
- CL — ITEM 646 - CHANNELIZING LINE, 8"
- LA — ITEM 646 - LANE ARROW
- WP — ITEM 646 - WORD ON PAVEMENT, 72"

MOT

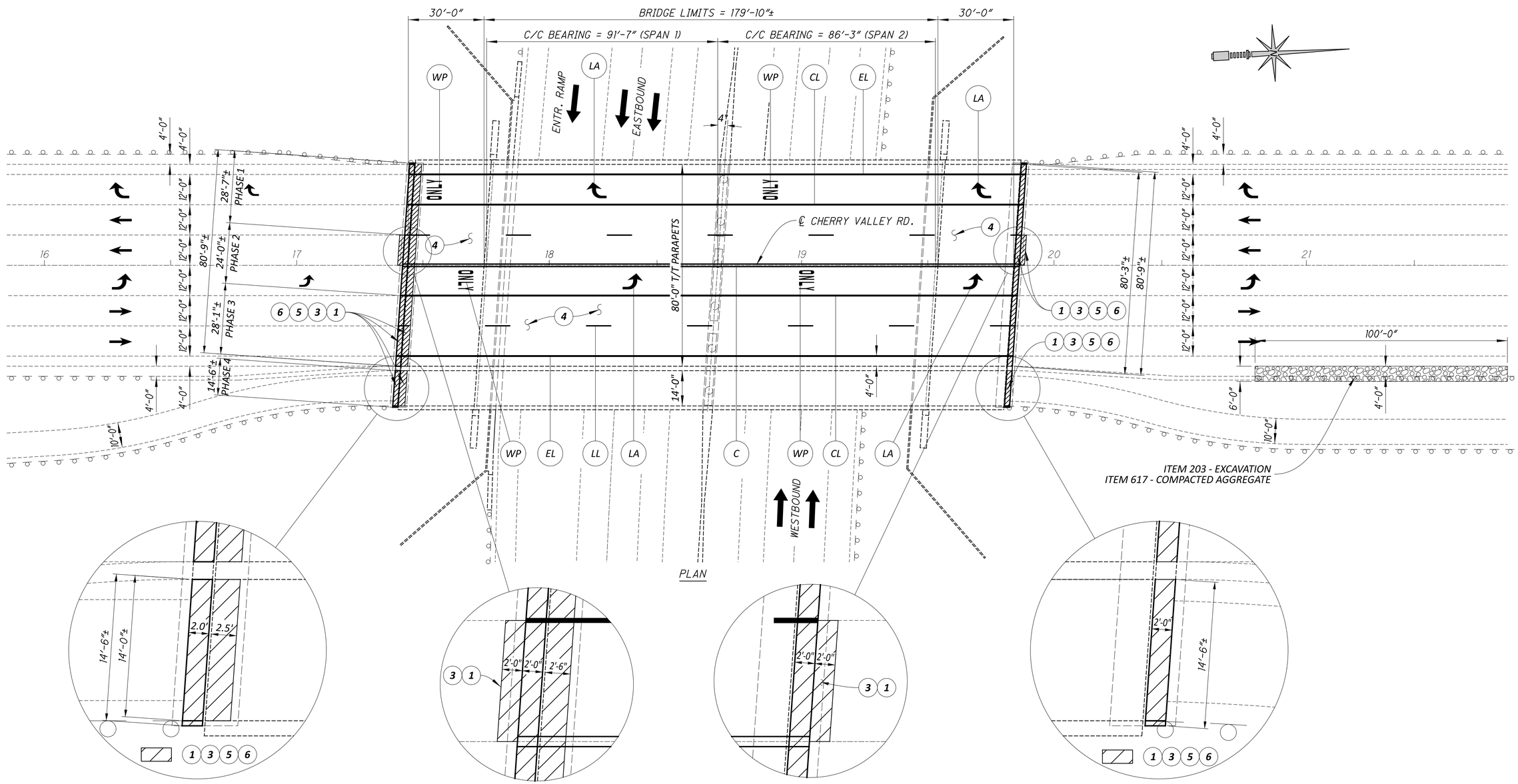
LIC-16-15.601: PREFORM HMWM SEALING IN PHASE 4, MAINTAIN TRAFFIC PER PUBLISHED PLCS.

EXISTING STRUCTURE (SFN: 4500725)

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE.
SPANS: 53'-4¾", 66'-0", 53'-4¾" C/C BEARINGS
ROADWAY: 57'-2" TOE/TOE PARAPET
LOAD FREQUENCY: HL-93 AND 60 LBS./FT. FWS
SKEW: 12°00'00" LEFT FORWARD
WEARING SURFACE: 1" MONOLITHIC CONCRETE
PPROACH SLABS: 25 FEET LONG (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.0156 FT/FT

BRIDGE PLAN
BRIDGE NO.: LIC-16-15.601
OVER RACCOON CREEK

SFN	4500725
DESIGN AGENCY	
DESIGNER	TAG
CHECKER	JKS
REVIEWER	TAG 09/15/25
PROJECT ID	95445
SUBSET	0
TOTAL	0
SHEET	P.850
TOTAL	895



WORK TYPE LEGEND

1. ***ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, SUBSTRUCTURE***
2. *ITEM 202 - REMOVAL MISC.: DETERIORATED DECK EDGES*
3. ***ITEM 511 - CONCRETE, MISC.: CLASS QC2 WITH ACCELERATING ADMIXTURE, APPROACH SLAB AND BACKWALL REPAIR***
4. *ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN*
5. ***ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN (A)***
6. ***ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: 3" BEJS EMSEAL***
7. *ITEM 519 - PATCHING BRIDGE DECKS, TYPE B*

PAVEMENT MARKING LEGEND

- ***EL*** — ***ITEM 646 - EDGE LINE, 6"***
- ***LL*** — ***ITEM 646 - LANE LINE, 6"***
- ***C*** — ***ITEM 646 - CENTERLINE, 6"***
- ***CL*** — ***ITEM 646 - CHANNELIZING LINE, 8"***
- ***LA*** — ***ITEM 646 - LANE ARROW***
- ***WP*** — ***ITEM 646 - WORD ON PAVEMENT, 72"***

MOT

***LIC-16-17.194**: ALWAYS MAINTAIN A MINIMUM OF A SINGLE LANE OF TRAFFIC IN EACH DIRECTION USING MT-95.31 AND MT-95.32. WORK SHALL BE COMPLETED BEFORE PHASE 1 MOT MAY BEGIN.*

EXISTING STRUCTURE (SFN: 4500830)

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK, SEMI-INTERGRAL ABUTMENTS AND CAP AND COLUMN PIER.
SPANS: 91'-7", 86'-3"
ROADWAY: 80'-0" T/T PARAPET
LOAD FREQUENCY: HL-93
SKEW: 4°-00'-00" LEFT FORWARD
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30 FEET LONG (AS-1-81)
ALIGNMENT: TANGENT
CROWN: 0.0156 FT/FT

BRIDGE PLAN
BRIDGE NO.: LIC-16-17.194
THORNWOOD CROSSING OVER S.R. 16

SFN	4500830
DESIGN AGENCY	
DESIGNER	TAG
CHECKER	JKS
REVIEWER	TAG 09/15/25
PROJECT ID	95445
SUBSET	0
TOTAL	0
SHEET	P.852
TOTAL	895

LIC-16/37-14.24/15.47

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