

MAINTENANCE OF TRAFFIC STAGES

**WESTBOUND TRAFFIC:** DENOTES TRAVEL FROM LUCAS ROAD TO WEST LAKE SHORE DRIVE.

**EASTBOUND TRAFFIC:** DENOTES TRAVEL FROM WEST LAKE SHORE DRIVE TO LUCAS ROAD.

**PRE-STAGE**

**CONSTRUCTION:**

- CONSTRUCT PROPOSED CULVERT OR STORM SEWER CROSSING AND PAVEMENT PATCHES AS SHOWN ON THE PLANS PRIOR TO CONSTRUCTING THE TEMPORARY PAVEMENT AT CULVERT OR STORM SEWER CROSSING LOCATIONS.
- CONSTRUCT TEMPORARY PAVEMENT WIDENING AND SHOULDERS AS SHOWN ON THE PLANS.
- CONSTRUCT EMBANKMENT AND TEMPORARY RUNAROUND AND SHOULDERS AS SHOWN ON THE PLANS.
- CONSTRUCT TEMPORARY DITCHES, SWALES, PIPE CULVERTS AND STORM SEWERS AS REQUIRED TO MAINTAIN DRAINAGE.
- CONSTRUCT TEMPORARY TRAFFIC SIGNALS AT US 14 AND WEST LAKE SHORE DRIVE AND US ROUTE 14 AND DOTY ROAD.
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT AS SHOWN ON THE PLANS.
- HMA JOINT REPAIRS AS DETERMINED BY THE ENGINEER.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARDS FOR TEMPORARY LANE CLOSURES DURING THE ALLOWABLE CLOSURE HOURS SPECIFIED IN THE SPECIAL PROVISIONS FOR KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC.
- MAINTAIN TRAFFIC ON EXISTING PAVEMENT.

**STAGE 1.1**

**CONSTRUCTION:**

- CONSTRUCT WESTBOUND DRAINAGE, PAVEMENT, CURB AND GUTTER AND SHOULDERS BETWEEN APPROXIMATELY STA. 331+06 LT AND APPROXIMATELY STA. 379+70 LT.
- CONSTRUCT EASTBOUND DRAINAGE, PAVEMENT, CURB AND GUTTER AND SHOULDERS BETWEEN APPROXIMATELY STA. 385+00 RT AND APPROXIMATELY STA. 485+00 RT.
- CONSTRUCT TEMPORARY PAVEMENT WIDENING AND SHOULDERS FROM THE END OF EASTBOUND PAVEMENT CONSTRUCTION AT APPROXIMATELY STA. 485+00 TO MEET PREVIOUSLY CONSTRUCTED TEMPORARY PAVEMENT WIDENING AND SHOULDERS AT STA. 488+00 OR AS DETERMINED BY THE CONTRACTOR.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND & EASTBOUND TRAFFIC IN A NEW ALIGNMENT ON EXISTING PAVEMENT BETWEEN STA. 326+00 AND APPROXIMATELY STA. 335+00
- MAINTAIN WESTBOUND & EASTBOUND TRAFFIC ON A PORTION OF SOUTHERLY EXISTING PAVEMENT AND ADJACENT TEMPORARY PAVEMENT WIDENING BETWEEN APPROXIMATELY STA. 335+00 RT AND APPROXIMATELY STA. 377+00 RT.
- SHIFT WESTBOUND AND EASTBOUND TRAFFIC FROM THE SOUTHERLY SIDE TO THE NORTHERLY SIDE OF EXISTING PAVEMENT BETWEEN APPROXIMATELY STA. 377+00 RT AND APPROXIMATELY STA. 384+00 LT.
- MAINTAIN TRAFFIC ON A PORTION OF NORTHERLY EXISTING PAVEMENT AND ADJACENT TEMPORARY PAVEMENT WIDENING BETWEEN APPROXIMATELY STA. 384+00 LT AND STA. 406+61 LT.
- MAINTAIN TRAFFIC ON TEMPORARY RUNAROUND BETWEEN STA. 406+61 LT AND APPROXIMATELY STA. 431+00 LT.
- MAINTAIN TRAFFIC ON EXISTING PAVEMENT BETWEEN APPROXIMATELY STA. 431+00 LT AND APPROXIMATELY STA. 440+00 LT.
- MAINTAIN TRAFFIC ON A PORTION OF NORTHERLY EXISTING PAVEMENT AND ADJACENT TEMPORARY PAVEMENT WIDENING BETWEEN APPROXIMATELY STA. 440+00 LT AND APPROXIMATELY STA. 487+50 LT.
- SHIFT TRAFFIC FROM THE NORTHERLY SIDE TO THE SOUTHERLY SIDE OF EXISTING PAVEMENT BETWEEN APPROXIMATELY STA. 487+50 LT AND STA. 493+00 RT TO COORDINATE WITH ADJACENT CONTRACT 62517 STAGE 1 MAINTENANCE OF TRAFFIC.

**STAGE 1.1 SUBSTAGE A-1 (INDEPENDENT OF SUBSTAGE B AND C)**

**CONSTRUCTION:**

- CONSTRUCT WESTBOUND PAVEMENT BETWEEN STA. 326+00 LT AND STA. 331+06 LT.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND TRAFFIC IN A NEW ALIGNMENT ON EXISTING PAVEMENT BETWEEN STA. 326+00 AND APPROXIMATELY STA. 330+00 AND IN THE EXISTING STAGE 1.1 CONFIGURATION BETWEEN APPROXIMATELY STA. 330+00 AND STA 334+00.
- MAINTAIN EASTBOUND TRAFFIC IN THE EXISTING STAGE 1.1 CONFIGURATION BETWEEN STA. 326+00 AND STA. 334+00.

**STAGE 1.1 SUBSTAGE A-2 (INDEPENDENT OF SUBSTAGE B AND C)**

**CONSTRUCTION:**

- CONSTRUCT PORTIONS OF WESTBOUND PAVEMENT BETWEEN STA. 326+00 AND APPROXIMATELY STA. 330+00 AS SHOWN ON THE PLANS.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND TRAFFIC IN A NEW ALIGNMENT ON NEW WESTBOUND PAVEMENT BETWEEN STA. 326+00 LT AND APPROXIMATELY STA. 351+50 LT.
- SHIFT WESTBOUND TRAFFIC FROM THE SOUTHERLY SIDE OF EXISTING PAVEMENT AND TEMPORARY PAVEMENT WIDENING TO THE NORTHERLY SIDE AND NEW PAVEMENT BETWEEN APPROXIMATELY STA. 351+50 AND STA. 356+50.
- SHIFT EASTBOUND TRAFFIC TOWARDS THE SOUTH AND MAINTAIN EASTBOUND TRAFFIC ON EXISTING PAVEMENT AND TEMPORARY PAVEMENT WIDENING BETWEEN STA. 163+65 AND APPROXIMATELY STA. 341+00 AND MAINTAIN EASTBOUND TRAFFIC IN THE STAGE 1.1 CONFIGURATION BETWEEN APPROXIMATELY STA. 341+00 AND STA. 356+50.
- MAINTAIN WESTBOUND AND EASTBOUND TRAFFIC IN THE STAGE 1.1 CONFIGURATION BETWEEN STA. 356+50 AND STA. 493+00.

**STAGE 1.1 SUBSTAGE A-3 (INDEPENDENT OF SUBSTAGE B AND C)**

**CONSTRUCTION:**

- CONSTRUCT PORTIONS OF EASTBOUND PAVEMENT AND WESTBOUND PAVEMENT TURN LANE BETWEEN STA. 326+00 AND STA. 332+00.
- CONSTRUCT TEMPORARY PAVEMENT BETWEEN STA. 326+00 AND STA. 335+00 AS SHOWN ON THE PLANS.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN TRAFFIC IN THE SUB-STAGE A-2 CONFIGURATION AND SHIFT LOCATION OF WESTBOUND LEFT TURN LANE AT WEST LAKE SHORE DR AS SHOWN ON PLANS.

**STAGE 1.1 SUBSTAGE B-1 - B-3 (INDEPENDENT OF SUBSTAGE A AND C)**

**CONSTRUCTION:**

- CONSTRUCT NORTH LEG OF LAKE SHORE DRIVE INTERSECTION.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC IN STAGE 1.1 CONFIGURATION AS SHOWN ON THE PLANS
- SHIFT LAKE SHORE DRIVE TRAFFIC PER SUBSTAGES AS SHOWN ON THE PLANS.

**STAGE 1.1 SUBSTAGE C-1 - C-3 (INDEPENDENT OF SUBSTAGE A AND B)**

**CONSTRUCTION:**

- CONSTRUCT DOTY ROAD.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC IN STAGE 1.1 CONFIGURATION AS SHOWN ON THE PLANS.
- SHIFT DOTY ROAD TRAFFIC PER SUBSTAGES AS SHOWN ON THE PLANS.

**STAGE 1.2**

**CONSTRUCTION:**

- CONSTRUCT EASTBOUND PAVEMENT BETWEEN APPROXIMATELY STA. 364+40 AND APPROXIMATELY STA. 385+00 AND BETWEEN STA. 474+00 AND STA. 485+00.
- CONSTRUCT WESTBOUND PAVEMENT BETWEEN STA. 479+00 AND STA. 493+00.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND US ROUTE 14 TRAFFIC ON NEW WESTBOUND PAVEMENT AND SHIFT EASTBOUND US ROUTE 14 TRAFFIC TO A NEW CONFIGURATION ON NEW WESTBOUND PAVEMENT BETWEEN STA. 326+00 LT AND APPROXIMATELY STA. 351+50.
- SHIFT WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC TO A NEW CONFIGURATION ON NEW WESTBOUND PAVEMENT BETWEEN APPROXIMATELY STA. 351+50 AND STA. 377+50.
- SHIFT WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC FROM THE NORTHERLY SIDE OF EXISTING PAVEMENT AND TEMPORARY PAVEMENT WIDENING TO THE SOUTHERLY SIDE NEW PAVEMENT AND TEMPORARY PAVEMENT BETWEEN STA. 475+00 AND STA. 493+00.
- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC ON A PORTION OF EXISTING PAVEMENT AND TEMPORARY PAVEMENT WIDENING BETWEEN APPROXIMATELY STA. 377+50 AND APPROXIMATELY STA. 385+00.
- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC IN THE STAGE 1.1 CONFIGURATION BETWEEN APPROXIMATELY STA. 385+00 AND STA. 475+00.

**STAGE 1.2 SUBSTAGE A-1 - A-3**

**CONSTRUCTION:**

- CONSTRUCT SOUTH LEG OF LAKE SHORE DRIVE INTERSECTION.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC IN STAGE 1.2 CONFIGURATION AS SHOWN ON THE PLANS.
- SHIFT LAKE SHORE DRIVE TRAFFIC PER SUBSTAGE AS SHOWN ON THE PLANS.

**STAGE 2.1**

**CONSTRUCTION:**

- CONSTRUCT EASTBOUND PAVEMENT BETWEEN STA. 326+00 AND APPROXIMATELY STA. 364+40 AND STA. 485+00 AND STA. 493+00
- CONSTRUCT WESTBOUND PAVEMENT BETWEEN APPROXIMATELY STA. 377+50 AND STA. 479+00 WITH GAPS IN PAVEMENT CONSTRUCTION AT LILY POND RD. AND RIDGEFIELD RD.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.
- MAINTAIN WESTBOUND AND EASTBOUND TRAFFIC ON THE NEW WESTBOUND PAVEMENT IN THE STAGE 1.2 CONFIGURATION BETWEEN STA. 163+65 AND APPROXIMATELY STA. 368+00.
- SHIFT WESTBOUND AND EASTBOUND TRAFFIC FROM THE NEW WESTBOUND PAVEMENT TO THE NEW EASTBOUND PAVEMENT BETWEEN APPROXIMATELY STA. 368+00 AND APPROXIMATELY STA. 373+00.
- MAINTAIN WESTBOUND AND EASTBOUND TRAFFIC ON THE NEW EASTBOUND PAVEMENT BETWEEN APPROXIMATELY STA. 373+00 AND APPROXIMATELY STA. 479+00.
- SHIFT WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC FROM THE NEW EASTBOUND PAVEMENT TO THE NEW WESTBOUND PAVEMENT BETWEEN APPROXIMATELY STA. 479+00 AND APPROXIMATELY STA. 483+00 AND MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC ON THE NEW WESTBOUND PAVEMENT BETWEEN STA. 483+00 AND STA. 493+00
- MAINTAIN TRAFFIC ON LILY POND RD. AND RIDGEFIELD RD.

**STAGE 2.1 SUBSTAGE A-1 - A-3 (INDEPENDENT OF SUBSTAGE B)**

**CONSTRUCTION:**

- CONSTRUCT LILY POND ROAD.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS
- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC IN STAGE 2.1 CONFIGURATION AS SHOWN ON THE PLANS.
- SHIFT LILY POND RD TRAFFIC PER SUBSTAGE AS SHOWN ON THE PLANS.

**STAGE 2.1 SUBSTAGE B-1 - B-3 (INDEPENDENT OF SUBSTAGE A)**

**CONSTRUCTION:**

- CONSTRUCT RIDGEFIELD ROAD NORTH.

**TRAFFIC CONTROL:**

- MAINTAIN WESTBOUND AND EASTBOUND US ROUTE 14 TRAFFIC IN STAGE 2.1 CONFIGURATION AS SHOWN ON THE PLANS
- SHIFT RIDGEFIELD ROAD NORTH TRAFFIC PER SUBSTAGE AS SHOWN ON THE PLANS.

**STAGE 3.1**

**CONSTRUCTION:**

- CONSTRUCT MEDIAN CURB AND GUTTER AT CROSSOVER LOCATIONS.
- CONSTRUCT LEFT TURN LANE / U-TURN LANE PAVEMENT AND ADJACENT CURB AND GUTTER AND SOLID MEDIAN AT LILY POND RD., RIDGEFIELD RD. AND U-TURN LOCATIONS.
- CONSTRUCT REMAINING MEDIAN FILL AND TOPSOIL BETWEEN STA. 326+00 AND TO STA. 493+00.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARDS FOR LANE CLOSURES AND APPROACH TO LANE CLOSURES.
- SHIFT WESTBOUND TRAFFIC TO THE NEW WESTBOUND PAVEMENT OUTSIDE LANE (LANE 2) AND SHIFT EASTBOUND TRAFFIC TO THE NEW EASTBOUND PAVEMENT OUTSIDE LANE (LANE 2) AT ALL LOCATIONS BETWEEN STA. 326+00 AND STA. 493+00.
- PLACE TYPE II BARRICADES OR DRUMS (WITH TYPE C STEADY BURN MONO-DIRECTIONAL LIGHTS) AT 50 FT CENTERS IN THE CLOSED INSIDE LANE (LANE 1) BETWEEN STA. 326+00 AND STA. 493+00.
- ESTABLISH TEMPORARY LEFT TURN BAYS ON NEW EASTBOUND PAVEMENT AT LAKE SHORE DRIVE, DOTY ROAD, LILY POND RD AND RIDGEFIELD NORTH RD
- MAINTAIN TRAFFIC ON THE OUTSIDE LANE (LANE 2) BETWEEN STA. 326+00 AND STA. 493+00.

**STAGE 4.1**

**CONSTRUCTION:**

- CONSTRUCT OUTSIDE CURB AND GUTTER ALONG NORTHEAST CORNER OF LAKE SHORE DRIVE .
- MILL AND RESURFACE WEST LAKE SHORE DRIVE INTERSECTION.
- PLACE PERMANENT PAVEMENT STRIPING BETWEEN STA. 165+40 (EX) AND TO STA. 493+00.

**TRAFFIC CONTROL:**

- PROVIDE TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARDS FOR LANE CLOSURES AND APPROACH TO LANE CLOSURES.

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exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = #SCALE#	CHECKED - KA	REVISED -			305	27R-2	MCHENRY	673	82	
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