

STAGE 1

INSTALL TEMPORARY SIGNING, STRIPING AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 1 TRAFFIC CONFIGURATION, INCLUDING THE NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

TRAFFIC

EB I-290

- FROM THE WESTERN PROJECT LIMITS, TRAFFIC WILL BE REDUCED TO TWO LANES EASTBOUND. THE LANE CONFIGURATION AND ADVANCED SIGNAGE REQUIRED WEST OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G51.
- TWO WESTBOUND LANES WILL BE MAINTAINED TO WEST OF THE YORK ROAD BRIDGE AND SHIFTED TO THE INSIDE SHOULDER. A THIRD LANE WILL BE ADDED WITH THE ENTRANCE RAMP AT THE YORK ROAD BRIDGE.
- TRAFFIC WILL SHIFT BACK TO THE EXISTING LANES EAST OF THE YORK ROAD BRIDGE. A 4TH LANE WILL BE ADDED TO THE OUTSIDE AFTER YORK ROAD. THE TWO OUTSIDE LANES WILL EXIT AT IL-64/NORTH AVENUE, WITH THE TWO INSIDE LANES SHIFTING TO THE INSIDE SHOULDER.
- TWO LANES OF TRAFFIC WILL REMAIN SHIFTED TO THE INSIDE SHOULDER EAST TO THE PROJECT LIMIT. THE LANE CONFIGURATION AND SIGNAGE REQUIRED AT THE EAST END OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G52.

WB I-290

- FROM THE EASTERN PROJECT LIMITS, THE OUTSIDE 3RD LANE WILL BE CLOSED. THE LANE CONFIGURATION AND ADVANCED SIGNAGE REQUIRED EAST OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G52.
- TWO WESTBOUND LANES WILL BE MAINTAINED SHIFTED ONTO THE INSIDE SHOULDER FROM THE EAST CONTRACT LIMIT TO WEST OF THE IL-64/NORTH AVENUE BRIDGE.
- THE LOOP RAMP FROM WESTBOUND I-290 TO WESTBOUND NORTH AVENUE WILL BE CLOSED TO TRAFFIC. TRAFFIC FOR WESTBOUND NORTH AVENUE WILL BE DETOURED TO THE YORK ROAD EXIT.
- WEST OF NORTH AVENUE, TRAFFIC WILL SHIFT ONTO THE EXISTING INSIDE AND MIDDLE LANES. AN AUXILIARY LANE WILL BE ADDED FROM THE NORTH AVENUE ENTRANCE RAMP TO THE YORK ROAD EXIT RAMP.
- TWO LANES OF TRAFFIC WILL BE MAINTAINED ON THE INSIDE AND MIDDLE LANES TO THE CONTRACT WEST LIMIT. THE LANE CONFIGURATION AND SIGNAGE REQUIRED AT THE WEST END OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G51.

CONSTRUCTION

BEGIN PAVEMENT PATCHING WHERE POSSIBLE UTILIZING LANE CLOSURES IMPLEMENTED IN THE STAGE 1 MAINTENANCE OF TRAFFIC PLANS.

I-290 EB & I-290 WB OVER YORK RD. (SN 022-0005 & SN 022-0006)

- REPAIR BRIDGE DECK.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- RECONSTRUCT ABUTMENT BACKWALLS.
- STABILIZE ABUTMENTS.
- REPLACE BRIDGE APPROACH SLABS.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.

I-290 EB OVER IL 64 - NORTH AVE. (SN 022-0007)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY ON RAMP R.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT AND PIER 2 WITH PREFORMED JOINT STRIP SEAL.
- REPAIR PARAPET WITH FORMED CONCRETE REPAIR.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 WB OVER IL 64 - NORTH AVE. (SN 022-0008)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT AND PIER 2 WITH PREFORMED JOINT STRIP SEAL.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 WB OVER UPRR (NORTH) (SN 016-1131)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR PARAPET WITH FORMED CONCRETE REPAIR.
- REPLACE DIAPHRAGMS AT NORTH ABUTMENT.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 WB OVER UPRR (SOUTH) (SN 016-1132)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR PARAPET WITH FORMED CONCRETE REPAIR.
- REPAIR SLOPE WALL.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 EB OVER UPRR (SOUTH) (SN 016-1133)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR PARAPET WITH FORMED CONCRETE REPAIR.
- NOISE ABATEMENT WALL REPAIRS.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 WB & I-290 EB OVER IL 56 (BUTTERFIELD RD.) (SN 016-0083 & SN 016-0084), I-290 EB OVER UPRR (NORTH) (SN 016-1130)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR PARAPET WITH FORMED CONCRETE REPAIR.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 EB OVER ELECTRIC AVE. & PRAIRIE PATH (SN 016-1134)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- NOISE ABATEMENT WALL REPAIRS.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

I-290 WB OVER ELECTRIC AVE. & PRAIRIE PATH (SN 016-1135)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS.

STAGE 2

INSTALL TEMPORARY SIGNING, STRIPING AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 2 TRAFFIC CONFIGURATION, INCLUDING THE NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

TRAFFIC

EB I-290

- FROM THE WESTERN PROJECT LIMITS, TRAFFIC WILL BE REDUCED TO TWO LANES EASTBOUND. THE LANE CONFIGURATION AND ADVANCED SIGNAGE REQUIRED WEST OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G51.
- TWO WESTBOUND LANES WILL BE MAINTAINED FROM THE WESTERN CONTRACT LIMITS. THE INSIDE LANE WILL BE CLOSED.
- TRAFFIC SHIFTS ONTO THE OUTSIDE SHOULDER APPROACHING YORK ROAD. A THIRD LANE OF TRAFFIC IS ADDED AT THE YORK ROAD BRIDGE FROM THE LAKE STREET ENTRANCE RAMP.
- EAST OF THE YORK ROAD BRIDGE, A FOURTH LANE IS OPENED ON THE OUTSIDE. THE TWO OUTSIDE LANES EXIT AT NORTH AVENUE. THE TWO INSIDE LANES SHIFT ONTO THE INSIDE SHOULDER OVER THE NORTH AVENUE BRIDGE.
- EAST OF THE NORTH AVENUE BRIDGE, TRAFFIC SHIFTS TO THE OUTSIDE SHOULDER THROUGH THE UP RAILROAD BRIDGE STRUCTURE.
- TRAFFIC SHIFTS BACK ONTO THE EXISTING MIDDLE AND OUTSIDE LANES. WITH THE INSIDE LANE CLOSED.
- APPROACHING BUTTERFIELD ROAD, THE TWO LANES OF TRAFFIC ARE SHIFTED TO THE OUTSIDE AND ONTO THE SHOULDER THROUGH THE EASTERN CONTRACT LIMIT. THE LANE CONFIGURATION AND SIGNAGE REQUIRED AT THE EAST END OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G52.

WB I-290

- FROM THE EASTERN PROJECT LIMIT TWO LANES OF TRAFFIC WILL BE SPLIT AROUND THE WORK ZONE IN THE MIDDLE. THE LANE CONFIGURATION AND ADVANCED SIGNAGE REQUIRED WEST OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G52.
- THE TWO WESTBOUND LANES WILL RETURN TO THE EXISTING MIDDLE AND OUTSIDE LANE WEST OF BUTTERFIELD. THE INSIDE LANE WILL BE CLOSED.
- APPROACHING ELECTRIC AVENUE, TRAFFIC WILL SHIFT TO THE OUTSIDE SHOULDER AND RETURN TO THE MIDDLE AND OUTSIDE LANE WEST OF ELECTRIC AVENUE.
- BOTH LANES WILL SHIFT BACK TO THE OUTSIDE FOR THE UP RAILROAD BRIDGES.
- WEST OF THE UP RAILROAD BRIDGES, THE TWO LANES OF TRAFFIC WILL SPLIT AROUND THE MIDDLE WORK ZONE FOR THE NORTH AVENUE BRIDGE.
- AFTER THE NORTH AVENUE BRIDGE, TRAFFIC CONVERGES BACK INTO THE MIDDLE AND OUTSIDE LANES, WITH THE INSIDE LANE REMAINING CLOSED.
- AT YORK ROAD, TRAFFIC SHIFTS TO THE OUTSIDE SHOULDER BEFORE RETURNING TO THE MIDDLE AND OUTSIDE LANES UNTIL THE WESTERN CONTRACT LIMITS. THE LANE CONFIGURATION AND SIGNAGE REQUIRED AT THE WEST END OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60G51.

CONSTRUCTION

BEGIN PAVEMENT PATCHING WHERE POSSIBLE UTILIZING LANE CLOSURES IMPLEMENTED IN THE STAGE 2 MAINTENANCE OF TRAFFIC PLANS.

I-290 EB & I-290 WB OVER YORK RD. (SN 022-0005 & SN 022-0006)

- REPAIR BRIDGE DECK.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- RECONSTRUCT ABUTMENT BACKWALLS.
- STABILIZE ABUTMENTS.
- REPLACE BRIDGE APPROACH SLABS.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS, ABUTMENT SEATS AND ABUTMENT BACKWALLS.

I-290 EB OVER IL 64 - NORTH AVE. (SN 022-0007)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY OVER DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT AND PIER 2 WITH PREFORMED JOINT STRIP SEAL.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.

I-290 WB OVER IL 64 - NORTH AVE. (SN 022-0008)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT AND PIER 2 WITH PREFORMED JOINT STRIP SEAL.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.

I-290 EB & I-290 WB OVER UPRR (NORTH) (SN 016-1130 & 016-1131), I-290 WB & I-290 EB OVER UPRR (SOUTH) (SN 016-1132 & SN 016-1133), I-290 EB & I-290 WB OVER ELECTRIC AVE. & PRAIRIE PATH (SN 016-1134 & SN 016-1135)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR SUBSTRUCTURE (SN 016-1130).
- REPAIR PARAPET WITH FORMED CONCRETE REPAIR.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS, ABUTMENT SEATS AND BACKWALLS.

I-290 WB OVER IL 56 - BUTTERFIELD RD. (SN 016-0083)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.

I-290 EB OVER IL 56 - BUTTERFIELD RD. (SN 016-0084)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- POUR NEW CONCRETE OVERLAY ON DECK AND APPROACH SLABS.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR SUBSTRUCTURE.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS, ABUTMENT SEATS AND BACKWALLS.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...nprlin,ABC,C4_gennoses motldgn	DRAWN - TMB	REVISED -						290	2009-0998R	COOK/DUPAGE	309	46
USER NAME = tbenk	CHECKED - JJT	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 69 SHEETS STA. TO STA.			CONTRACT NO. 60157				
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							