

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.

AFTER THE TEMPORARY CONCRETE BARRIER FOR THE PERMANENT LANE AND SHOULDER CLOSURE FOR STAGE 1 IS IN PLACE AND TRAFFIC HAS BEEN SHIFTED, THE CONTRACTOR SHALL PICK UP THE EXISTING BARRELS AND SIGNING LOCATED ALONG THE EASTBOUND I-290 MEDIAN SHOULDER OVER IL RTE 83 AND DELIVER THEM TO THE DEPARTMENT'S BIESTERFIELD YARD AT 1101 BIESTERFIELD ROAD, ELK GROVE VILLAGE, IL 60007. THE CONTRACTOR SHALL CONTACT SHAKER ASFOUR ONE WEEK PRIOR TO PICK UP AT (847) 956-1501. THE COST OF THIS WORK SHALL BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

THE CONTRACTOR SHALL PICK UP THE FABRICATED STRUCTURAL STEEL FOR THE IL RTE 83 STRUCTURES FROM THE DEPARTMENT'S BIESTERFIELD YARD AT 1101 BIESTERFIELD ROAD, ELK GROVE VILLAGE, IL 60007. THE CONTRACTOR SHALL CONTACT SHAKER ASFOUR ONE WEEK PRIOR TO PICK UP AT (847) 956-1501.

COMPLETE THE HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT FOR THE LOCATIONS SHOWN ON THE ROADWAY PLANS.

TRAFFIC

NB I-355

- PRIOR TO THE NORTHBOUND I-355 STRUCTURE OVER US RTE 20, REDUCE TRAFFIC TO TWO NORTHBOUND LANES AND SHIFT TRAFFIC TO THE OUTSIDE SHOULDER.
- MAINTAIN TWO NORTHBOUND LANES ON THE OUTSIDE SHOULDER TO THE WESTBOUND US-20/LAKE STREET ENTRANCE, AT WHICH POINT A 3RD LANE OF TRAFFIC IS ADDED. TRAFFIC IS OPENED BACK TO THE EXISTING CONFIGURATION NEAR STATION 115+00.
- THE EASTBOUND LAKE STREET/US-20 ENTRANCE RAMP TO NORTHBOUND I-355/WESTBOUND I-290 IS CLOSED. RAMP TRAFFIC HEADING TO WESTBOUND I-290 IS DETOURED NORTH ON IL ROUTE 53 TO THE THORNDALE AVENUE ENTRANCE. RAMP TRAFFIC HEADING TO EASTBOUND I-290 IS DETOURED EAST ON US-20/LAKE STREET TO THE ENTRANCE AT YORK ROAD.

SB I-355

- PRIOR TO THE SOUTHBOUND I-355 STRUCTURE OVER IL RTE 53, REDUCE TRAFFIC TO TWO SOUTH BOUND LANES.
- MAINTAIN TWO SOUTHBOUND LANES SHIFTING TRAFFIC TO THE OUTSIDE SHOULDER TO APPROXIMATELY STA. 88+00 AT WHICH POINT TRAFFIC IS OPENED BACK TO THE EXISTING CONFIGURATION.
- PRIOR TO THE SOUTHBOUND I-355 TO EASTBOUND I-290 RAMP STRUCTURE, TRAFFIC WILL BE REDUCED TO ONE LANE AND SHIFTED TO THE RIGHT SHOULDER TO ACCOMMODATE THE WORK ZONE.

EB I-290

- FROM APPROXIMATELY STA. 98+00, TRAFFIC WILL BE REDUCED TO TWO LANES EASTBOUND.
- TWO EASTBOUND LANES WILL BE MAINTAINED THROUGHOUT THE CONTRACT LIMITS. WITH SHIFTS TO THE OUTSIDE SHOULDER OCCURRING AT THE BRIDGE STRUCTURES TO ACCOMMODATE THE WORK ZONES.
- THE I-290 EB RAMP OVER I-355 (SN 022-0092) WILL BE CLOSED FOR ONE NIGHT TO POUR THE CONCRETE OVERLAY. TRAFFIC IS DETOURED WEST ON I-290 TO THORNDALE AVENUE. AT THORNDALE AVENUE, TRAFFIC IS ROUTED TO SOUTHBOUND I-355.

WB I-290

- FROM THE EASTERN PROJECT LIMITS, THE OUTSIDE 3RD LANE WILL NOT BE OPENED TO TRAFFIC. THE LANE CONFIGURATION AND ADVANCED SIGNAGE REQUIRED WEST OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60157.
- TWO WESTBOUND LANES WILL BE MAINTAINED THROUGHOUT THE CONTRACT LIMITS WITH SHIFTS TO THE OUTSIDE SHOULDER OCCURRING AT THE BRIDGE STRUCTURES TO ACCOMMODATE THE WORK ZONES. TRAFFIC WILL OPEN TO EXISTING CONFIGURATION AT APPROXIMATELY STAION 112+00.
- THE I-290 WB RAMP TO I-355 SB OVER I-290 & I-355 (SN 022-0094) WILL BE CLOSED FOR ONE NIGHT TO POUR THE CONCRETE OVERLAY. TRAFFIC IS DETOURED SOUTH ON I-355 TO THE US-20/LAKE STREET INTERCHANGE AND THEN EAST ON LAKE STREET TO I-290.
- THE PERMANENT LANE CLOSURES FOR SN 022-0094 STAGE 1 CAN BE IN PLACE FOR A MAXIMUM OF THIRTY-TWO (32) CONSECUTIVE CALENDAR DAYS.

IL ROUTE 83

- TRAFFIC WILL BE MAINTAINED FOR BEAM REPLACEMENT WORK AS DESCRIBED IN THE SPECIFICATION "KEEPING THE IL 83 EXPRESSWAY AND EXPRESSWAY RAMPS OPEN TO TRAFFIC"

CONSTRUCTION

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

I-355 NB & I-355 SB OVER IL 53 (ROHLWING RD.) (SN 022-0137 & SN 022-0138), I-355 SB & I-355 NB OVER US 20 (LAKE ST.) (SN 022-0111 & SN 022-0112)

- REPAIR BRIDGE DECK.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINTS NEAR EACH PIER WITH PREFORMED JOINT STRIP SEALS.
- REPLACE BRIDGE APPROACH SLABS.
- STABILIZE ABUTMENTS.
- TRIM BEAM ENDS AT PIN AND LINK CONNECTIONS.
- BEGIN STAGE 2 WORK FOR FAI 355 STRUCTURES UPON COMPLETION OF FAI 355 STAGE 1 STRUCTURES. FAI 355 STRUCTURES MUST BE COMPLETED BY JUNE 30, 2010.

I-290 WB RAMP TO I-355 SB OVER I-290 & I-355 (SN 022-0094)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH SLABS.
- CLEAN TROUGH UNDER FINGERPLATE EXPANSION JOINT AT PIER 5 AND BOTH ABUTMENTS.
- REPLACE PREFORMED JOINT SEALS WITH SILICONE JOINT SEALS.
- APPLY CONCRETE SEALER TO PARAPETS AND APPROACH SLABS.
- ALL CONTRACT ITEMS RELATED TO SN 022-0094 STAGE 1 SHALL BE COMPLETED BY 11:59PM ON MAY 19,2010.

I-290 EB RAMP OVER I-355 (SN 022-0092)

- WORK ON SN 022-0092 SHALL NOT BEGIN UNTIL FAI 355 STRUCTURE WORK IS COMPLETE.
- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINT AT SOUTH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH SLABS.
- CLEAN TROUGH UNDER FINGERPLATE EXPANSION JOINT AT NORTH ABUTMENT.
- REPLACE PREFORMED JOINT SEAL WITH SILICONE JOINT SEAL AT PIER 1.
- APPLY CONCRETE SEALER TO PARAPETS AND APPROACH SLABS.
- ALL CONTRACT ITEMS RELATED TO SN 022-0092 STAGE 1 SHALL BE COMPLETED BY 11:59PM ON AUGUST 3, 2010.

I-290 WB & I-290 EB OVER ADDISON RD. (SN 022-0095 & SN 022-0104)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- 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 AND APPROACH SLABS.

I-290 WB & I-290 EB OVER WOOD DALE RD. (SN 022-0100 & SN 022-0105)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPLACE PINS AT PIN CONNECTIONS.
- REPAIR SUBSTRUCTURE.
- REPAIR SLOPEWALL.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS AND APPROACH SLABS.

I-290 EB & I-290 WB OVER IL 83 - KINGERY HWY. (SN 022-0096 & SN 022-0097)

- STRUCTURE BEAM REPAIRS SHALL BE COMPLETED BY APRIL 10, 2010.
- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- REPAIR ABUTMENT BACKWALLS.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- REPAIR DAMAGED BEAMS.
- TRIM BEAM ENDS AT WEST ABUTMENT.
- APPLY CONCRETE SEALER TO PARAPETS AND APPROACH SLABS.

I-290 WB & I-290 EB OVER GRAND AVE. (SN 022-0101 & SN 022-0102)

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

I-290 WB OVER CHURCH RD. (SN 022-0098)

- REPAIR BRIDGE DECK.
- REPAIR APPROACH SLABS.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- 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 AND APPROACH SLABS.
- REPAIR SLOPEWALL.

I-290 EB OVER CHURCH RD. (SN 022-0099)

- REPAIR BRIDGE DECK.
- REPAIR EAST APPROACH SLAB.
- REMOVE AND REPLACE CONCRETE OVERLAY.
- RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEAL.
- RECONSTRUCT WEST ABUTMENT BACKWALL.
- REPLACE WEST BRIDGE APPROACH SLAB.
- CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
- APPLY CONCRETE SEALER TO PARAPETS AND APPROACH SLABS.

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

NB I-355

- PRIOR TO THE NORTHBOUND I-355 STRUCTURE OVER US RTE 20, REDUCE TRAFFIC TO TWO NORTHBOUND LANES AND SHIFT TRAFFIC TO THE INSIDE SHOULDER.
- MAINTAIN TWO NORTHBOUND LANES ON THE INSIDE SHOULDER TO THE EASTBOUND US-20/LAKE STREET ENTRANCE, AT WHICH POINT A 3RD LANE OF TRAFFIC IS ADDED. TRAFFIC IS OPENED BACK TO THE EXISTING CONFIGURATION NEAR STATION 114+00.
- THE WESTBOUND LAKE STREET/US-20 ENTRANCE RAMP TO NORTHBOUND I-355/WESTBOUND I-290 IS CLOSED. RAMP TRAFFIC IS DETOURED NORTH ON IL ROUTE 53 TO THE THORNDALE AVENUE ENTRANCE.

SB I-355

- PRIOR TO THE SOUTHBOUND I-355 STRUCTURE OVER IL RTE 53, REDUCE TRAFFIC TO TWO SOUTHBOUND LANES.
- MAINTAIN TWO SOUTHBOUND LANES SHIFTING TRAFFIC TO THE INSIDE SHOULDER AS INDICATED ON THE PLAN SHEETS TO ACCOMMODATE THE WORK ZONES TO STA. 86+00 AT WHICH POINT TRAFFIC IS OPENED BACK TO THE EXISTING CONFIGURATION.
- ON THE SOUTHBOUND I-355 TO EASTBOUND I-290 RAMP STRUCTURE, TWO LANES OF TRAFFIC WILL BE MAINTAINED AND SHFTED TO THE INSIDE SHOULDER AS INDICATED ON THE PLANS.

EB I-290

- THE LANE CLOSURE FROM STAGE 1 WILL REMAIN IN THE SAME LOCATION.
- TWO EASTBOUND LANES WILL BE MAINTAINED THROUGHOUT THE CONTRACT LIMITS WITH SHIFTS TO THE INSIDIE SHOULDER OCCURRING AT THE BRIDGE STRUCTURES TO ACCOMMODATE THE WORK ZONES.
- THE I-290 EB RAMP OVER I-355 (SN 022-0092) WILL BE CLOSED FOR ONE NIGHT TO POUR THE CONCRETE OVERLAY. TRAFFIC IS DETOURED WEST ON I-290 TO THE THORNDALE AVENUE INTERCHANGE. AT THORNDALE AVENUE, TRAFFIC IS ROUTED TO SOUTHBOUND I-355.

WB I-290

- FROM THE EASTERN PROJECT LIMITS, THE OUTSIDE 3RD LANE WILL BE CLOSED. THE LANE CONFIGURATION AND ADVANCED SIGNAGE REQUIRED WEST OF THE PROJECT LIMITS WILL BE COORDINATED WITH CONTRACT 60157.
- TWO WESTBOUND LANES WILL BE MAINTAINED THROUGHOUT THE CONTRACT LIMITS WITH SHIFTS OCCURRING TO THE INSIDIE SHOULDER AT THE BRIDGE STRUCTURES TO ACCOMMODATE THE WORK ZONES. THE I-290 WB RAMP TO I-355 SB OVER I-290 & I-355 (SN 022-0094) WILL BE CLOSED FOR ONE NIGHT TO POUR THE CONCRETE OVERLAY. TRAFFIC IS DETOURED SOUTH ON I-355 TO THE US-20/LAKE STREET INTERCHANGE AND THEN EAST ON LAKE STREET TO I-290.

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.
...pprIn.ABC.CI.gennotes-not.81.dgn	DRAWN - TMB	REVISED -						*	221, 1-1, 2&3/RS-7	DUPAGE	546	105
USER NAME = tblank	CHECKED - RMT	REVISED -			*290,355	CONTRACT NO. 60G51						
PLOT DATE = 11/16/2009	DATE - 10/16/09	REVISED -			SCALE: N.T.S.	SHEET NO. 1	OF 115 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		