

STAGING NARRATIVE

STAGE 1A

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HALSTED/ HARRISON STREETS

- **EB I-290 AND RAMPS ES & EN**
 - o MAINTAIN 2 LANES OF TRAFFIC THROUGH CONGRESS PARKWAY AT ALL TIMES.
 - o SHIFT LANES SOUTH UTILIZING PART OF THE EXISTING OUTSIDE SHOULDER AS THE TRAVEL LANE PER PLANS.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC TO RAMP EN.
 - o MAINTAIN EXISTING 2 LANES OF TRAFFIC TO RAMP ES. LANES WILL BE SHIFTED NORTH AND REDUCED TO 11' LANES PER PLANS.
- **WB I-290 AND RAMPS SW & NW**
 - o MAINTAIN 2 LANES OF TRAFFIC FROM CONGRESS PARKWAY AT ALL TIMES.
 - o SHIFT LANES NORTH UTILIZING PART OF THE EXISTING OUTSIDE SHOULDER AS THE TRAVEL LANE PER PLANS.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC FROM RAMPS SW AND NW.
 - o RAMP SW WILL BE SHIFTED NORTH AND REDUCED TO 11' LANE.
 - o RAMP NW LANE WILL REDUCED TO 11' LANE.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- **HARRISON STREET**
 - o COMPLETELY CLOSE THE WEST HARRISON STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. BRIDGE TO REMAIN CLOSED FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN.
 - o HARRISON STREET BRIDGE WILL BE RE-OPENED TO THRU TRAFFIC UPON COMPLETION OF THE EAST HARRISON STREET BRIDGE (SN 016-1711, BY OTHERS). HOWEVER, ACCESS TO THE CERMAK PUMPING STATION AT WEST DRIVEWAY WILL BE RE-OPENED AFTER THE COMPLETION OF THE WEST HARRISON BRIDGE (SN 016-1713).
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE WEST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE EAST DRIVEWAY.
 - o MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG THE WEST LEG OF HARRISON STREET AND HALSTED STREET INTERSECTION PER PLANS.
 - o REDUCE EACH LANE TO 10' AND SHIFT LANES PER PLANS.
- **HALSTED STREET**
 - o CLOSE THE EAST HALF OF HALSTED STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
 - o ALL TRAFFIC TO BE MAINTAINED ON THE WEST HALF OF THE HALSTED STREET.
 - o MAINTAIN ACCESS TO THE HALSTED CTA STATION ENTRANCE AT ALL TIMES.
 - o SHIFT THE HALSTED STREET TRAFFIC TO THE WEST SIDE AND MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG NB AND SB HALSTED STREET.
 - o PROVIDE SIDEWALK CLOSURES FOR THE EAST HALF OF THE HALSTED STREET BRIDGE. SIDEWALK CLOSURE SHALL BE PER STANDARD 701801.
 - o PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ALONG THE WEST HALF OF THE HALSTED STREET BRIDGE.

CONSTRUCTION TO BE COMPLETED IN STAGE 1A

- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.

STAGE 1A CONTINUED

- SEE STRUCTURAL, LIGHTING, ITS, AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

60" COMBINED SEWER AND WATER MAIN RELOCATION:

- DUE TO THE CLOSE PROXIMITY OF WORK ZONE, THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTIONS DURING THE EXCAVATION OF REMOVAL AND RELOCATION BETWEEN THE 60" COMBINED SEWER AND WATER MAIN.
- THE CONTRACTOR SHALL COORDINATE THE WORK BETWEEN 60" COMBINED SEWER AND WATER MAIN SUCH THAT THERE IS NO CONFLICT THAT WOULD COMPROMISE THE WORK SCHEDULE OF EITHER ITEM. EXTRA PRECAUTIONS SHALL BE TAKEN AT ALL CROSSINGS AND ALL CRITICAL AREAS AS DETERMINED BY THE ENGINEER.
- BEGIN 60" COMBINED SEWER RELOCATION. ALL CONNECTIONS SHALL BE MADE TO MINIMIZE TRAFFIC DISRUPTION ALONG THE LOCAL ROADS, MAINLINES AND RAMPS.
- REMOVE EXISTING 60" COMBINED SEWER. MAINTAIN FLOW OF SEWER AT ALL TIMES.
- THE CONNECTION OF THE 60" COMBINED SEWER SHALL BE MADE ONLY AFTER THE CLOSURE OF THE WEST HARRISON STREET BRIDGE. ALL CONNECTIONS SHALL BE MADE SUCH THAT THE EXISTING DRAINAGE FLOW IS MAINTAINED.
- BEGIN WATER MAIN RELOCATION. INSTALL TEMPORARY SOIL RETENTION SYSTEMS OR BRACED EXCAVATION AS REQUIRED. ALL FITTINGS AND CONNECTIONS SHALL BE MADE TO MINIMIZE TRAFFIC DISRUPTION ALONG THE LOCAL ROADS, MAINLINES AND RAMPS.
- CONTACT CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) FOR SHUTDOWN OF WATER MAIN (312-744-5070).
- PERFORM PAVEMENT REPLACEMENT AND PATCHES IN LOCATION OF DEMOLISHED WATER MAIN VAULT. THE COST OF PAVEMENT PATCHES SHALL BE INCLUDED IN THE COST OF WATER MAIN RELOCATION WORK. LIMITS OF PATCHES TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- BULKHEAD AND FILL TUNNEL AT NORTH END OF HALSTED STREET BRIDGE TO THE EXTENT SHOWN IN THE PLANS. WORK DONE SHALL BE PERFORMED UTILIZING SHORT TERM, OFF ROAD CLOSURE OPERATIONS PER THE HIGHWAY STANDARDS. WORK UNDER THE BULKHEAD AND FILLING OF TUNNEL SHALL NOT DISRUPT THE MAINLINE TRAFFIC.
- WHERE GROUT HOLES ARE REQUIRED WITHIN THE TRAVEL LANES OF I-290 OR RAMPS, THE CLOSURE OF SUCH LANES SHALL BE MADE IN ACCORDANCE WITH THE REQUIREMENTS OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS), KEEPING THE EXPRESSWAYS OPEN TO TRAFFIC, AND FAILURE TO OPEN TRAFFIC LANES TO TRAFFIC. APPROPRIATE HIGHWAY STANDARDS MUST BE USED AS REQUIRED BASED UPON THE CHOSEN CONTRACTOR OPERATIONS AND SCHEDULE.
- WHERE GROUT HOLES ARE REQUIRED WITHIN THE TRAVEL LANES, SIDEWALKS OR PARKWAY OF PEORIA STREET, THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN PROTECTION PLAN AND PARKING RESTRICTION PLAN FOR APPROVAL BY THE ENGINEER.
- RESTORATION OF GROUT HOLES SHOULD CONFORM TO PAVEMENT DESIGNS IDENTIFIED WITHIN THE TYPICAL SECTIONS.
- REMOVE FRAME AND GRATE AND BULKHEAD MANWAY OF ALL DRAINAGE STRUCTURES ALONG RAMPS ES AND SW AS INDICATED ON THE PLANS AND AS PER THE SPECIFICATIONS.

HARRISON STREET:

- RELOCATE EXISTING BRIDGE MOUNTED SIGN PANEL ON HARRISON STREET BRIDGE TO GROUND MOUNT SUPPORTS.
- REMOVE EXISTING HARRISON STREET BRIDGE APPROACHES, SUPERSTRUCTURE, PIERS AND ABUTMENTS AS SHOWN IN THE PLANS. WORK INCLUDES BUT NOT LIMITED TO REMOVAL AND RECONSTRUCTION OF SUBSTRUCTURES, ABUTMENTS, SUPERSTRUCTURE AND APPROACHES AS WELL AS REMOVAL OF ALL OTHER APPURTENANCE FIXTURES ON THE BRIDGE.
- INSTALL ALL REQUIRED TEMPORARY SOIL RETENTION SYSTEMS AS SHOWN IN THE STRUCTURAL PLANS FOR THE REMOVAL AND CONSTRUCTION OF HARRISON BRIDGE.
- BEGIN RECONSTRUCTION OF THE HARRISON STREET BRIDGE (SN 016-1713) PIER AND ABUTMENTS.

STAGE 1A CONTINUED

- THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTION DURING CONSTRUCTION OF THE EAST ABUTMENT TO PROTECT THE INTEGRITY OF THE EXISTING COUNTERFORT AND ALL EXISTING CDWM DRAINAGE/WATER MAIN STRUCTURES.
- INSTALL DRAINAGE ALONG THE MAINLINE AND LOCAL ROAD AS SHOWN IN THE PLANS.
- REMOVE AND RECONSTRUCT THE CENTER TWO LANES AND LEFT-TURN LANE OF THE WEST HARRISON STREET APPROACH OF THE HALSTED/ HARRISON INTERSECTION AS SHOWN IN THE PLANS.

HALSTED STREET:

- RELOCATE EXISTING ITS LINES TO THE CTA SIDE OF THE MEDIAN BARRIERS ALONG EB AND WB I-290.
- INSTALL COMB SEW ESVCP 8 CDOT PER THE EROSION AND SEDIMENTATION CONTROL PLANS NEAR THE EXISTING SOUTH AND NORTH ABUTMENTS PRIOR TO ANY REMOVALS ON THE EXISTING HALSTED STREET BRIDGE.
- REMOVE THE EAST HALF OF THE EXISTING HALSTED STREET BRIDGE SUPERSTRUCTURE, ALL PIERS BUT PIER 1 AND APPROACHES.
- DEMOLITION AND RECONSTRUCTION OF HALSTED STREET BRIDGE (SN 016-1716) PIERS AND SUPERSTRUCTURE ADJACENT TO THE CTA SHALL BE COORDINATED WITH THE CTA. CTA TRACK ACCESS IS ALLOWED DURING OFF-PEAK HOURS ONLY.
- ALL CTA TRACK ACCESS SHALL BE COORDINATED AND PERFORMED IN ACCORDANCE TO THE DISCRETION OF THE CTA. REFER TO "CTA FLAGGING AND COORDINATION" SPECIAL PROVISION.
- THE CONSTRUCTION OF HALSTED STREET BRIDGE (SN 016-1716) WILL BE STAGED. STAGED CONSTRUCTION SHALL FOLLOW THE SEQUENCE OF CONSTRUCTION AS SHOWN IN THE STRUCTURAL PLANS.
- INSTALL TEMPORARY CONCRETE BARRIER ALONG THE EAST HALF OF THE HALSTED STREET BRIDGE AS SHOWN IN THE PLANS. WORK INCLUDES THE CONSTRUCTION OF ABUTMENTS, ALL (EXCEPT PIER 1), AND APPROACHES AS WELL AS REMOVAL OF ALL OTHER APPURTENANCE FIXTURES ON THE BRIDGE AND DRAINAGE INSTALLATION ALONG THE MAINLINES AND LOCAL ROADS AS SHOWN IN THE PLANS.
- WHENEVER POSSIBLE, THE CONTRACTOR SHALL MAXIMIZE THE WORK ZONE LIMITS DURING THE CONSTRUCTION OF THE SN 016-1716 SUBSTRUCTURES BY PERFORMING THE WORK IN SUB-STAGES. THIS IS ESPECIALLY IMPORTANT AT LOCATIONS IN CLOSE PROXIMITY TO LIVE TRAFFIC ALONG I-290 AND CTA TRACKS.
- CONSTRUCT ALL OF THE EAST HALF SUBSTRUCTURES EXCEPT FOR PIER 1.
- INSTALL DRAINAGE ON EAST HALF OF HALSTED STREET.
- INSTALL DRAINAGE ALONG THE MAINLINE AND LOCAL ROAD AS SHOWN IN THE PLANS.
- FOR TEMPORARY DRAINAGE UNDER THE HALSTED STREET BRIDGE ALONG ES RAMP, REMOVE PORTIONS OF THE EXISTING BRIDGE ABUTMENT AND FOUNDATION TO ALLOW TEMPORARY DRAINAGE PIPES TO BE INSTALLED.
- PROVIDE PAVEMENT REPLACEMENT AT LOCATIONS ALONG RAMPS ES AND SW AS SHOWN ON THE PLANS.
- REMOVE EXISTING ISLAND AND INSTALL TEMPORARY PAVEMENT AT THE NW CORNER OF THE HALSTED/HARRISON INTERSECTION TO ACCOMMODATE TRAFFIC DURING CONSTRUCTION.
- INSTALL ALL OTHER TEMPORARY PAVEMENT AT LOCATIONS PER PLANS.
- REMOVE AND RECONSTRUCT THE EAST HALF OF THE HALSTED/ HARRISON INTERSECTION, WORK INCLUDES BUT NOT LIMITED TO TRAFFIC SIGNALS, SIDEWALK, AND ADA RAMPS AS SHOWN IN THE PLANS.

RETAINING WALL SN 016-1802:

- BEGIN CONSTRUCTION OF RETAINING WALL 016-1802.
- THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTION DURING THE CONSTRUCTION OF THE RETAINING WALL 016-1802 TO PROTECT THE INTEGRITY OF THE EXISTING HIGH MAST LIGHT TOWER LOCATED ALONG THE EXISTING ES RAMP MIDWAY BETWEEN THE HALSTED STREET BRIDGE SOUTH ABUTMENT AND HARRISON STREET WEST ABUTMENT.

ITS AND LIGHTING:

- THE RELOCATE EXISTING ITS LINES TO THE CTA SIDE OF THE MEDIAN BARRIERS ALONG EB AND WB I-290.
- INSTALL RVSD IN MEDIAN BETWEEN RAMP ES AND I-90/94 SOUTHBOUND.

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 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - KAM
 DRAWN - KAM
 CHECKED - OPS
 DATE - 9/15/13

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 NARRATIVE**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	61
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	