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**STATE STANDARDS**

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| 701101-04 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY                     |
| 701400-07 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY                                   |
| 701401-08 | LANE CLOSURE, FREEWAY/EXPRESSWAY   |
| 701422-06 | LANE CLOSURE MULTI LANE 45-55MPH   |
| 701411-08 | LANE CLOSURE MULTI LANE - ENTR OR EXIT RAMP 45MPH+                             |
| 701901-03 | TRAFFIC CONTROL DEVICES  |
| 701426-06 | LANE CLOSURE, MULTI LANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥ 45 MPH  |
| 701428    | TRAFFIC CONTROL, SETUP AND REMOVAL FREEWAY/EXPRESSWAY                          |

**DISTRICT 1 STANDARDS - Plan Sheets 32-36**

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| TC-9  | SINGLE AND MULTI-LANE WEAVE   |
| TC-10 | TRAFFIC CONTROL AND PROJECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS |
| TC-17 | PARTIAL RAMP OR SHOULDER CLOSURE  |
| TC-18 | SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE                              |
| TC-22 | ARTERIAL ROAD INFORMATION SIGN  |

**GENERAL NOTES:**

1. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE CHICAGO CITY DATUM. THE CONVERSION EQUATION FROM CCD TO NAVD 88 IS: NAVD 88 ELEVATION=CCD + 579.19.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2014, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

**GENERAL NOTES CONT'D:**

4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR B11 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
5. THE LOCATION OF EXISTING FACILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, CONFIGURATION AND NATURE OF ANY AND ALL EXISTING FACILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING FACILITIES (FIBER OPTIC CABLE, ELECTRIC OR ANY OTHER COMMUNICATIONS CABLES OR EQUIPMENT) NEAR PROPOSED WORK AREAS WHICH ARE TO REMAIN IN SERVICE SHALL BE RECONFIGURED AND BE FULLY PROTECTED BY THE CONTRACTOR. ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO IDOT TO THE SATISFACTION OF THE ENGINEER.
6. THE CHICAGO TRANSIT AUTHORITY HAS EXISTING AND/OR ABANDONED FACILITIES IN THE AREA. SUCH FACILITIES MAY INCLUDE ELEVATED RAIL TRACKS, SUBWAYS, UNDERGROUND DUCT LINES, AND/OR FORMER STREETCAR TRACKS. COPIES OF DRAWINGS WILL BE SUBMITTED TO THE OUC OFFICE. CAUTION SHOULD BE EXERCISED WHEN EXCAVATING NEAR STREETCAR TRACKS. MEMBERS OF THE CHICAGO AREA JOINT ELECTROLYSIS COMMITTEE MAY USE STREETCAR TRACKS AND NEGATIVE CABLE. PLEASE CONTACT MR. YOUSEF TABIB OF COMED BEFORE CUTTING OR REMOVING ANY BURIED STREETCAR RAILS. HE MAY BE REACHED AT (630) 576-6952. THE CONTRACTOR SHALL ALSO COORDINATE WITH MR. DAVID HEARD AT 312-681-3862 FOR TRANSIT TUNNELS AND ADJACENT APPURTENANCES.
7. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES AND THEIR OPERATION.
8. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
9. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
10. ALL FRAMES, GRATES, PAVEMENT, FENCES, DELINEATORS AND APPURTENANCES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
11. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT [www.idotilts.com](http://www.idotilts.com) TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND ONE WEEK IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE.
12. THE CONTRACTOR SHALL CONTACT THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 AND THE ARTERIALS SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE START OF WORK.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, AND EXISTING FIELD CONDITIONS PRIOR TO BIDDING, ORDERING MATERIALS, OR BEGINNING OF CONSTRUCTION ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.
14. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR, SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF FIBER OPTIC CABLE SHALL NOT BE ALLOWED. FIBER OPTIC CABLE SHALL BE REPLACED FROM COMMUNICATION VAULT TO COMMUNICATION VAULT.
15. FLUORESCENT VESTS AND HARD HATS: ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN VESTS AND HARD HATS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.
16. DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT EQUIPMENT FROM DAMAGE OR INTERFERENCE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING THE WORK AREA FREE FROM DEBRIS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
17. THE STANDARD DRAWINGS LISTED IN THE PLANS INDEX ARE INTENDED TO BE THE LATEST REVISIONS AND SHALL TAKE PRECEDENCE OVER EARLIER REVISIONS THAT MAY BE REFERRED TO ELSEWHERE IN THE PLANS OR SPECIAL PROVISIONS.
18. ANY EXCAVATION REQUIRED ON THE PROJECT FROM THE EXISTING BRIDGE HOUSES TO THE WEST SIDE OF DES PLAINES STREET WILL REMAIN ON THE PROJECT SITE, TAKEN TO THE CIRCLE INTERCHANGE AT A LOCATION AS DIRECTED BY THE ENGINEER AND GRADED ACCORDINGLY.
19. EXCAVATION WEST OF DES PLAINES FOR SURVEILLANCE TOWERS, TRENCHES AND OTHER EXCAVATION WILL BE HANDLED AS POTENTIAL SPECIAL WASTE AS STIPULATED IN THE SUMMARY OF QUANTITIES.
20. A FIELD OFFICE IS NOT INCLUDED AS PART OF THIS PROJECT. THE CONTRACTOR WILL BE PROVIDED OFFICE SPACE AT THE IDOT FACILITY AT 900 SOUTH DES PLAINES STREET, CHICAGO IL. 60607.

NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

**TRAFFIC CONTROL PLAN NOTES:**

1. TRAFFIC CONTROL AND PROTECTION SHALL CONSIST OF SHOULDER AND LANE CLOSURES AND RAMP TAPER MODIFICATIONS, SIDE ROAD LANE REDUCTIONS AND PARKING PROHIBITIONS TO ALLOW WORK ALONG ROADWAYS, IN ACCORDANCE WITH FOLLOWING IDOT HIGHWAY STANDARDS AND DISTRICT ONE STANDARDS FOR TRAFFIC CONTROL:
 

701101-03	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-07	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-08	LANE CLOSURE, FREEWAY/EXPRESSWAY
701422-06	LANE CLOSURE MULTI LANE 45-55MPH
701411-08	LANE CLOSURE MULTI LANE - ENTR OR EXIT RAMP 45MPH+
701426-02	LANE CLOSURE, MULTI LANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥ 45 MPH
701428	TRAFFIC CONTROL, SETUP AND REMOVAL FREEWAY/EXPRESSWAY
TC-9	SINGLE AND MULTI-LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROJECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS
TC-17	PARTIAL RAMP OR SHOULDER CLOSURE
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE
TC-22	ARTERIAL ROAD INFORMATION SIGN
701901-02	TRAFFIC CONTROL DEVICES

THESE STANDARDS WILL NOT BE PAID FOR AS SEPARATELY BUT WILL BE INCLUDED IN THE PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) AS A LUMP SUM PAY ITEM.

2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, PLAN SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND TRAFFIC CONTROL WORK WITH ADJOINING OR OVERLAPPING CONTRACTS. THE COST OF ANY ADDITIONAL TRAFFIC CONTROL AND/OR TEMPORARY CONSTRUCTION ITEMS REQUIRED FOR SUCH COORDINATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."
4. THE TRAFFIC CONTROL PLAN SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLAN TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
5. THE ENGINEER SHALL BE INFORMED 21 DAYS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLAN.
6. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORSEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS PER THE TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT, OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
7. ALL TRAFFIC CONTROL DEVICES USED FOR TRAFFIC CONTROL AND PROTECTION SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING EXISTING SPEED LIMIT SIGNS, GUIDE SIGNS, OR ANY OTHER CONFLICTING SIGNS FOR THE DURATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT THE METHOD IN WHICH THE SIGNS WILL BE COVERED TO THE ENGINEER FOR APPROVAL.
9. LOCATIONS OF CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
10. DRUMS OR TYPE II BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 100' INTERVALS ALONG WORK ZONES, AT 50' INTERVALS IN CURVES, AND AT 50' INTERVALS IN TAPER SECTIONS AS INDICATED IN THE IDOT HIGHWAY STANDARDS OR AS DIRECTED BY THE ENGINEER.
11. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC AND PROTECTION (EXPRESSWAYS).
12. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE OF CONSTRUCTION SIGNING. SIGNS SHALL BE ERRECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION AND SHALL BE REMOVED OR COVERED WHEN PROTECTION IS NOT REQUIRED.
13. ALL ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.
14. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" BY 6" DELINEATOR INSTALLED.
15. LOCAL ROADS, DRIVEWAYS AND PROPERTY ACCESS DRIVES ADJACENT TO CONGRESS PARKWAY (S. TILDEN STREET, WACKER DRIVE) MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION. SHOULD A TEMPORARY CLOSURE BE NECESSARY, THE CONTRACTOR SHALL NOTIFY THE STATE AND THE AFFECTED PROPERTY OWNER TWENTY-FOUR (24) HOURS IN ADVANCE OF SUCH CLOSURE. CONSTRUCTION ACTIVITIES SHALL BE EXPEDITED AND ACCESS RESTORED WITHIN AN ADEQUATE TIME FRAME AS DIRECTED BY THE ENGINEER.

Rev

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PLOT SCALE * NONE	CHECKED - SN	REVISED -
PLOT DATE * 10/28/2013	DATE - 10/18/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CCTV SYSTEM, I-90/4 TO CONGRESS PARKWAY  
INDEX OF SHEETS, GENERAL NOTES AND STATE STANDARDS  
SCALE: NONE SHEET NO. OF SHEETS STA. 353+46.00 TO STA. 382+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
389	2013-026-1	COOK	37	2
CONTRACT NO. 60W49			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	