

## INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
3-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7	SCHEDULE OF QUANTITIES
8	ALIGNMENT, TIES AND BENCHMARKS
9	DETOUR PLAN
10	SUGGESTED STAGES OF CONSTRUCTION NOTES
11	SUGGESTED STAGES OF CONSTRUCTION & ILLINOIS ROUTE 394 SHOULDER CLOSURES - STAGES 1 & 2
12	PLAN AND PROFILE
13	EROSION AND SEDIMENT CONTROL AND LANDSCAPING PLAN
14	DRAINAGE AND UTILITIES PLAN AND PROFILE
15	PAVEMENT MARKING AND SIGNING PLAN
16-44	STRUCTURE PLANS
45-50	CROSS SECTIONS
51	BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51)
52	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-9)
53	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
54	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
55	DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)
56	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
57	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
58	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS (TC-18)
59	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)
60	ARTERIAL ROAD INFORMATION SIGN (TC-22)

## HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03	NAME PLATE FOR BRIDGES
542401-01	METAL END SECTION FOR PIPE CULVERTS
602001-02	CATCH BASIN TYPE A
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
609001-05	BRIDGE APPROACH SHOULDER PAVEMENT AND DRAIN
630001-09	STEEL PLATE BEAM GUARDRAIL
631011-07	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-09	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-00	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-00	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
886001-01	DETECTOR LOOP INSTALLATIONS

## GENERAL NOTES

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE VILLAGE OF LYNWOOD REGARDING THE PASSAGE OF EMERGENCY VEHICLES THROUGH THE CONSTRUCTION ZONE.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION (J.U.L.I.E.) AT 1800 892 0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 10 FT (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND VILLAGE OF LYNWOOD.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE, OR STORE EQUIPMENT/MATERIALS ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL ELEVATIONS REFER TO NAVD88 DATUM.
- THE CONTRACTOR SHALL UTILIZE EXTREME CAUTION WHEN DIGGING ADJACENT TO EXISTING UTILITIES AND FACILITIES. UTILITY LOCATION INFORMATION SHOWN ON PLANS NEEDS TO BE FIELD VERIFIED PRIOR TO EXCAVATION OR CONSTRUCTION OF THE PROPOSED STRUCTURE.
- TEMPORARY CONCRETE BARRIER: THE BARRIER UNIT AT EACH END OF THE INSTALLATION SHALL BE SECURED TO THE PAVEMENT USING ALL SIX ANCHORING PINS FOR "F" SHAPE. THE BARRIER ENDS ARE TO BE PROTECTED WITH TEMPORARY IMPACT ATTENUATORS.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.1 gal/yd<sup>2</sup> (0.5 L/m<sup>2</sup>) FOR HMA BASES, 0.5 gal/yd<sup>2</sup> FOR AGGREGATE BASES AND 0.02 gal/yd<sup>2</sup> FOR INTERMEDIATE COURSES.

10. THE CONTRACTOR SHALL MEASURE THE MINIMUM VERTICAL CLEARANCE BETWEEN THE BOTTOM OF BEAM AND PAVEMENT SURFACE AT THE LOCATION SHOWN ON THE "GENERAL PLAN" ON SHEET NO. S1. THIS SHALL BE DONE PRIOR TO THE REMOVAL OF THE DECK. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "CONSTRUCTION LAYOUT." THE CONTRACTOR SHALL PROVIDE THE RESIDENT ENGINEER WITH THE MEASUREMENT.

- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- CONTRACTOR TO CONTACT COOK COUNTY HIGHWAY DEPARTMENT, TRAFFIC SIGNAL DIVISION AT 312-603-1734 A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO STARTING WORK IN ORDER TO COORDINATE TRANSFER OF TRAFFIC SIGNAL MAINTENANCE.
- THE CONTRACTOR IS REQUIRED TO COMPLY WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT NO. ILR 10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) FOR STORMWATER DISCHARGES AND CONSTRUCTION SITE ACTIVITIES.

14. EXISTING PROTECTIVE SHIELD TO BE SALVAGED AND RETURNED TO IDOT BRIDGE MAINTENANCE OFFICE LOCATED AT BIESTERFIELD ROAD IN ELK GROVE VILLAGE, IL. PHONE NO. 847-956-1501. 24 HOURS ADVANCE NOTICE IS REQUIRED. THIS WORK SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF WORK.

15. CONTRACTOR MAY REMOVE AND REPLACE EXISTING CABLE GUARDRAIL ALONG 394 IN ORDER TO ACCESS THE MEDIAN WITH NO ADDITIONAL COST TO THE DEPARTMENT.


16. CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS PRIOR TO CONSTRUCTION.

17. ONE (1) WEEK PRIOR TO INSTALLATION OF ANY TRAFFIC CONTROL DEVICES, THE CONTRACTOR SHALL NOTIFY THE COOK COUNTY HIGHWAY DEPARTMENT, TRAFFIC SIGNAL DIVISION AT 312-603-1734 TO COORDINATE THEIR WORK.

18. The ISGS has conducted a Preliminary Environmental Site Assessment for this project in which they concluded there is a high risk for the occurrence of hazardous materials. Underground storage tanks will not be acquired and construction excavation will not exceed the recommended depths as described in the PESA review memo for ISGS 2355. If the scope of work changes and/or if additional ROW/temporary easements are required, please contact Sam Mead of the Environmental Studies Unit at 847-705-4101 to discuss any potential impacts.

## COMMITMENTS

NO ADDITIONAL COMMITMENTS HAVE BEEN MADE FOR THE JOE ORR ROAD PROJECT.

FILE NAME =	DESIGNED - JCP	REVISED -	 600 WEST FULTON STREET CHICAGO, ILLINOIS 60611-1296	TEL 312 454 9100 FAX 312 888 1217 WWW.SEPSTEIN.COM	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\DI-xxxxx-hh082-index.dgn	DRAWN - JCP	REVISED -			332	0101.1 BR-3	COOK	60	2				
PLOT TIME = 11:13:35 PM	CHECKED - TRP	REVISED -			SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.				CONTRACT NO. 62421				
PLOT DATE = 6/30/2011	DATE - 07/01/2011	REVISED -					ILLINOIS FED. AID PROJECT						