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HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 M) JOINTED PCC PAVEMENTS
420106-04	36' (10.8 M) JOINTED PCC PAVEMENTS
420111-03	PCC PAVEMENT ROUNDOUTS
420401-10	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602016-02	CATCH BASIN, TYPE D
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602406-06	MANHOLE, TYPE A, 6' (1.8 M) DIAMETER
602411-04	MANHOLE, TYPE A, 7' (2.1 M) DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604091-02	FRAME AND GRATE, TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ^S 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

640001-01 SIGHT SCREEN CHAIN LINK FENCE

DISTRICT 1 DETAILS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5m)
BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5m)
BD-05	CONCRETE MEDIAN TYPE SB (DOWELLED) AND CORRUGATED MEDIAN (MODIFIED)
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING; AND FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING
BD-32	BUTT JOINTS AND HMA TAPER
BD-36	FIRE HYDRANT TO BE MOVED
BD-48	PCC PAVEMENT ROUNDOUTS AT CURB & GUTTER
BD-52	DETAIL OF PAVEMENT SEPARATION, JOINT FOR JOINTED PAVEMENTS AT INTERSECTIONS
BE-215	LIGHTING CONTROLLER SINGLE DOOR
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL; REMOTE DISCONNECT
BE-300	LIGHT POLE FOUNDATION
BE-330	LIGHT POLE FOUNDATION ON CONCRETE PARAPET WALL 15" (381mm) BOLT CIRCLE
BE-412	LIGHT POLE, ALUMINUM, DAVIT TYPE, 35 FT. H.H.
BE-702	MISCELLANEOUS DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAIL
BE-703	MISCELLANEOUS DETAILS, SHEET B - J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
BE-902	PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

ADDENDUM 9-15-14

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

IJN/CREATE FUNDS AND ICC FUNDS

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	RET. WALL	BRIDGE	LIGHTING	LANDSCAPING	BDLG. DEMO	WATERMAIN
				0004	0040	0008	0021	0031	0044	0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* Z0067900	STEEL CASING 24"	FOOT	515	515						
Z0073345	SLEEPER SLAB	FOOT	133	133						
# Z0076600	TRAINEES	HOUR	2000	2000						
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000						
XX008968	CATCH BASINS, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1						
XX008969	CATCH BASINS, TYPE A, 7' -DIAMETER, TYPE 24 FRAME & GRATE	EACH	1	1						
Δ XX008970	PYLONS	EACH	4	4						
X0326961	REMOVAL AND DISPOSAL OF LEAD BASED PAINT	L sum	1						1	
Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L sum	1						1	
Z0049905	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5	L sum	1						1	

* SPECIALITY ITEM ΔΔ NOT FUNDED BY ICC # 0042 Δ (100% LOCAL COST) Δ ADDENDUM 9-15-14

S00-18



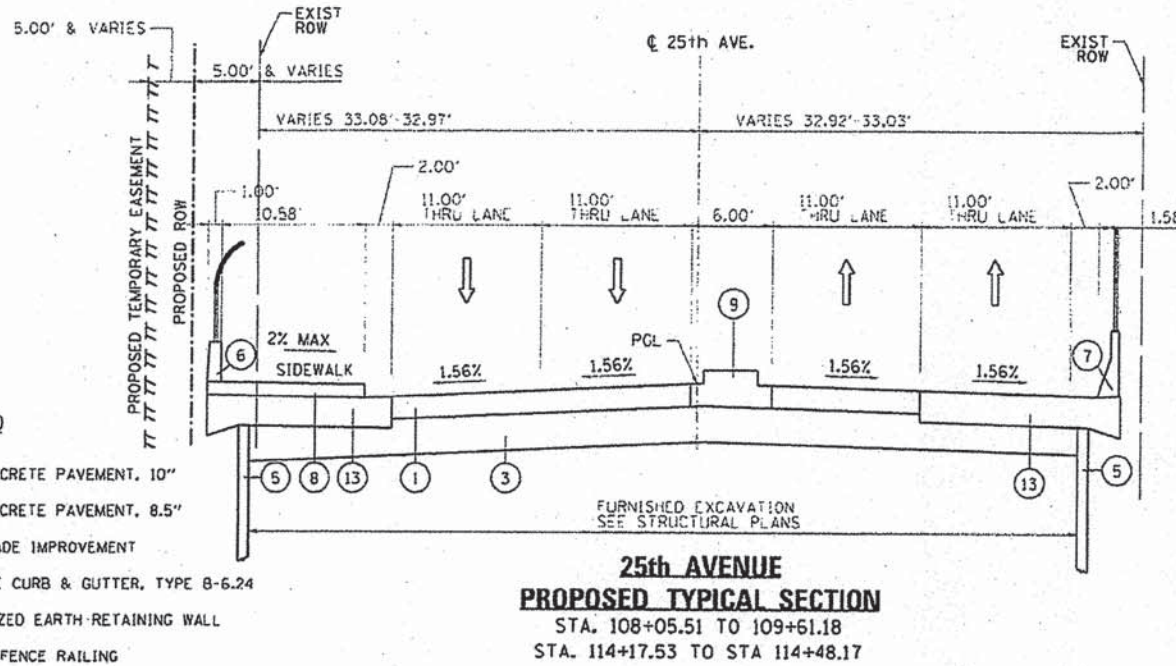
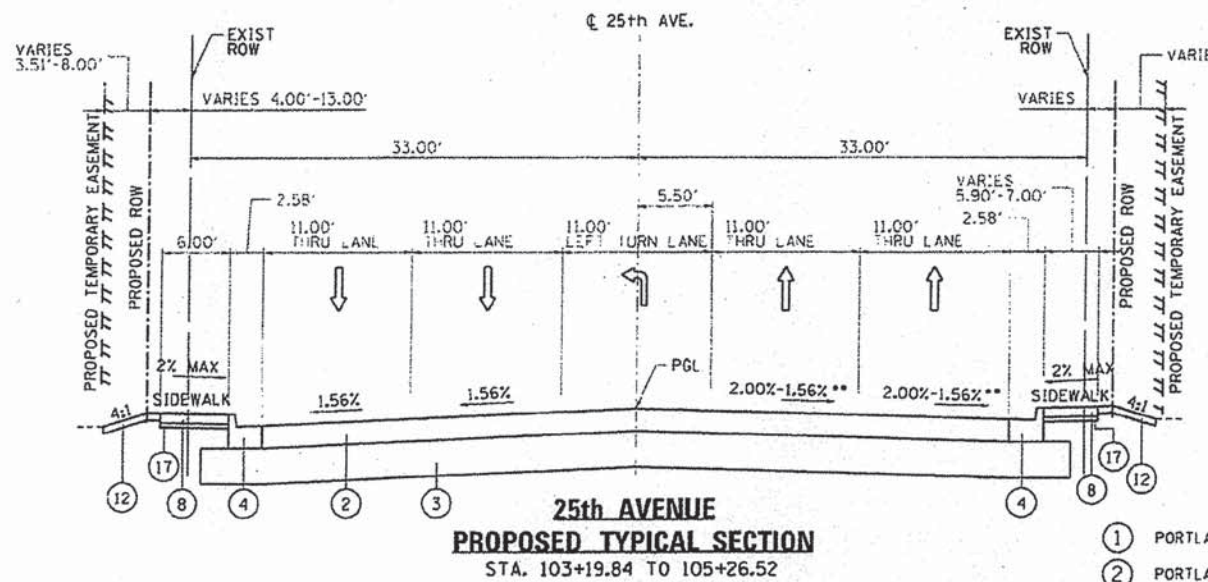
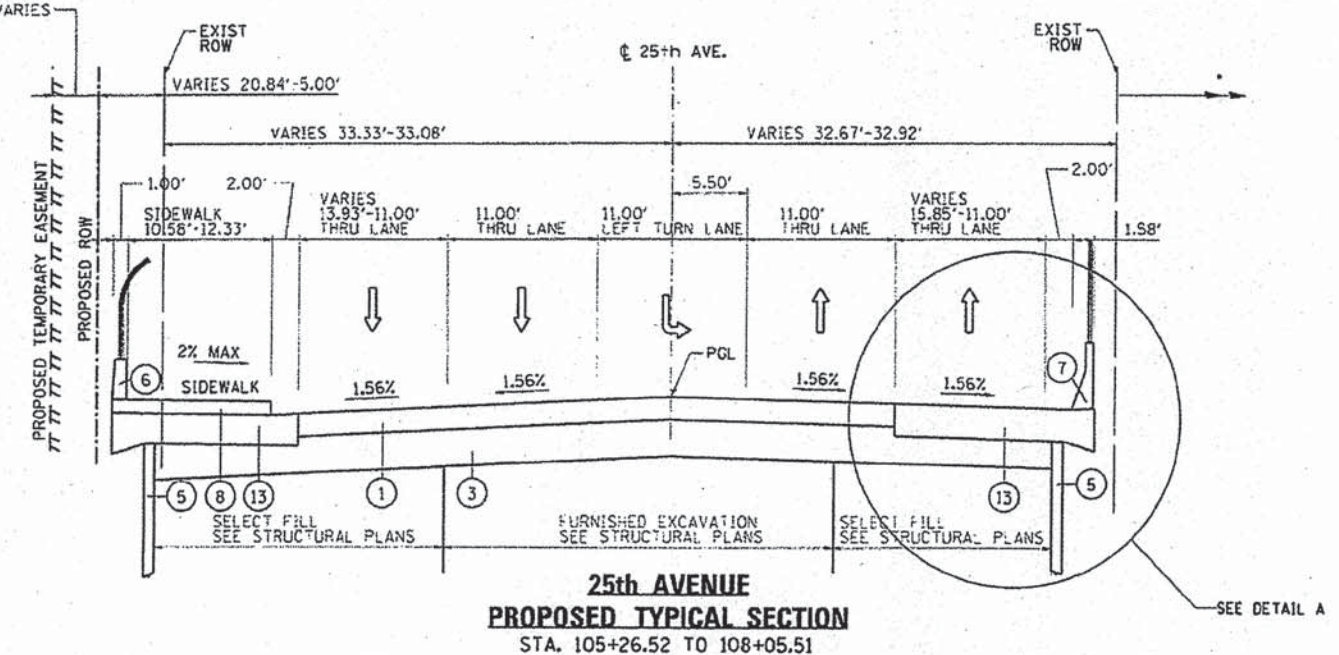
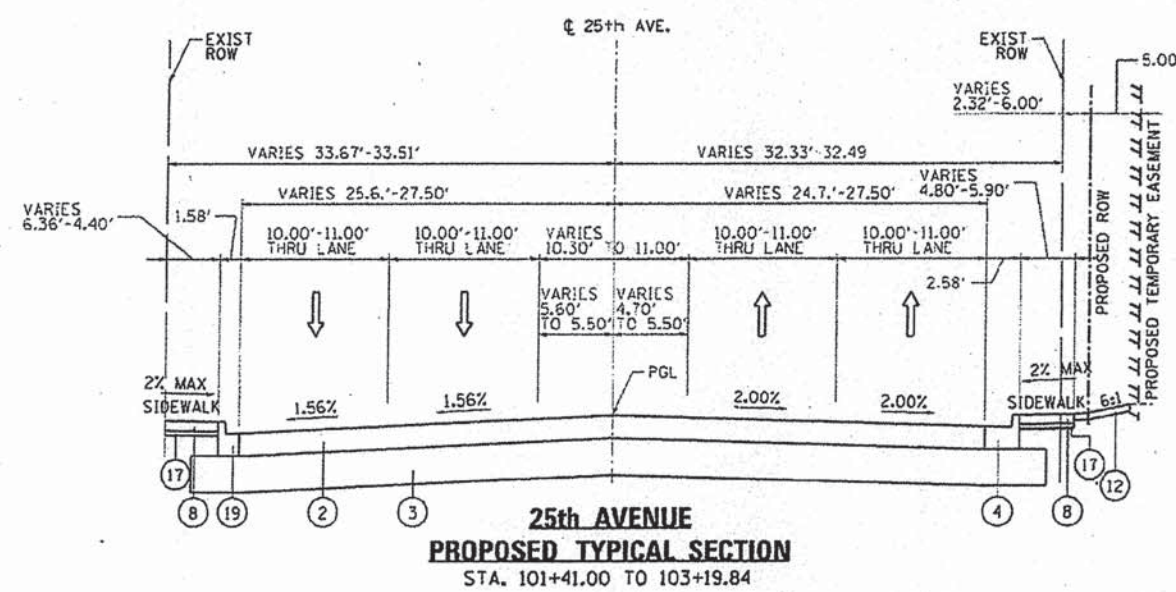
USER NAME = robert.esquivel	DESIGNED - MA	REVISED -
PLOT SCALE = 1:8000 1/4" = 1'	DRAWN - MA	REVISED -
PLOT DATE = 8/8/2014	CHECKED - RH	REVISED -
	DATE - 3-24-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
25TH AVENUE GRADE SEPARATION

SCALE: N.T.S. SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2714	99-0094-00-GS	COOK	240	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63887	



LEGEND

- 1 PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- 2 PORTLAND CEMENT CONCRETE PAVEMENT, 8.5"
- 3 12" AGGREGATE SUBGRADE IMPROVEMENT
- 4 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 5 MECHANICALLY STABILIZED EARTH-RETAINING WALL
- 6 PARAPET WITH BRIDGE FENCE RAILING
- 7 CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- 8 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 9 CONCRETE MEDIAN, TYPE SB-6.06
- 10 BRIDGE APPROACH PAVEMENT, 15"
- 11 CORRUGATED MEDIAN
- 12 TOPSOIL FURNISH AND PLACE, 6"
- 13 REINFORCED CONCRETE SLAB (SEE STRUCTURAL PLANS)
- 14 SEGMENTAL CONCRETE BLOCK RETAINING WALL (SEE SHEET RET-1 & RET-2)
- 15 ORNAMENTAL FENCE, WROUGHT IRON
- 16 PARKING LOT PAVEMENT RESTORATION
- 17 SUBBASE GRANULAR MATERIAL, TYPE B 2"
- 18 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 19 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
PAVEMENT RESURFACING:	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 1 1/2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2"	4% @ 70 Gyr.
PARKING LOT PAVEMENT RESTORATION:	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 1 1/2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2"	4% @ 70 Gyr.
TEMPORARY PAVEMENT:	
TEMP PAVEMENT (HMA BINDER IL-19 mm) 1 1/2"	4% @ 70 Gyr.
HMA SURFACE COURSE, MIX "D" N50 (IL 9.5 mm) 1 1/2"	4% @ 50 Gyr.

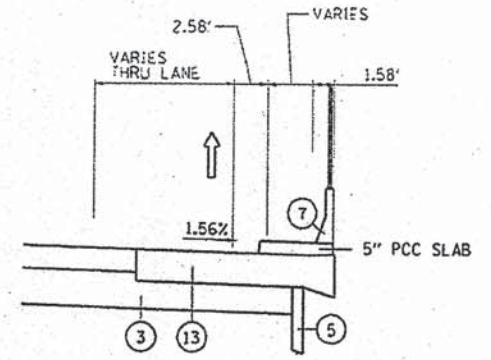
NOTES:
 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/50 YD/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

AGG. SUBGRADE B"

CONCRETE MEDIAN, TYPE SB-6.06
 STA. 108+05.51 TO 114+48.17
 BRIDGE APPROACH PAVEMENT CONNECTOR
 STA. 108+61.18 TO STA. 109+61.18
 STA. 114+17.53 TO STA. 115+17.53

• FOR DETAILED ROW AND EASEMENT INFORMATION SEE PLAT OF HIGHWAY SHEETS.
 ** CROSS SLOPE TRANSITION STA. 103+75 TO 104+00.

ADDENDUM 9-15-14



DETAIL "A"
 SEE STRUCTURAL PLANS
 STA 105+35 TO STA 106+20
 TYP-2



USER NAME = mohammed.oi	DESIGNED - MA	REVISED -
PLAT SCALE = 10:2000 1/2" = 1'	DRAWN - MA	REVISED -
PLAT DATE = 7/31/2014	CHECKED - RH	REVISED -
	DATE = 3-24-2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 25TH AVENUE GRADE SEPARATION**
 SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. 101+41.00 TO STA. 114+48.17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2714	99-00094-00-05	COOK	240 25
			CONTRACT NO. 63887
ILLINOIS FED. AID PROJECT			