

INDEX OF SHEETS

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HIGHWAY STANDARDS

STD. NO.	TITLE
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-10	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-10	TRAFFIC BARRIER TERMINAL TYPE 6
635006-06	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701421-04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701901-02	TRAFFIC CONTROL DEVICES
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701502-04	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK), 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND LOCAL AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM 72 HOURS IN ADVANCE OF BEGINNING WORK.
- WHEN GUARDRAIL POSTS ARE PLACED BEHIND CONCRETE HEADWALLS, THE POSTS SHALL NOT BE PLACED TO BLOCK THE DRAINAGE OPENING.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- THE COST OF CONNECTING EXISTING STORM SEWERS TO PROPOSED DRAINAGE STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE VARIOUS PROPOSED DRAINAGE ITEMS.
- IN AREAS OF EMBANKMENT SLOPE WIDENINGS TO ACCOMMODATE GUARDRAIL AND GUARDRAIL TERMINALS, THE WIDENING EMBANKMENT SHALL BE SECURED TO THE EXISTING SLOPES THROUGH BENCHING OR PLOWING IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. THE WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IF THE COST OF EXCAVATING AND GRADING EXISTING SHOULDERS.
- ANY SIGNAGE, PAVEMENT MARKINGS OR REFLECTORS AFFECTED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL ONLY PERFORM WORK ON ONE SIDE OF THE ROAD AT ANY TIME.
- THE CONTRACTOR SHALL SUSPEND GUARDRAIL REMOVAL OPERATIONS WHENEVER THE AMOUNT OF REMOVED GUARDRAIL EXCEEDS TWO DAYS PRODUCTION TO REPLACE THE GUARDRAIL.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
STABILIZED MEDIAN SURFACE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 10"	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE A IS 112 LBS/SQ YD/IN.

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 "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

SUMMARY OF QUANTITIES

90% FED.
10% STATE
URBAN

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	0021 SAFETY
2020600	EXCAVATING AND GRADING, EXISTING SHOULDER	UNIT	52	52
21101815	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,340	2,340
25000210	SEEDING, CLASS 2A	ACRE	0.48	0.48
25200110	SODDING, SALT TOLERANT	SQ YD	12	12
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	43	43
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	43	43
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	43	43
25100630	EROSION CONTROL BLANKET	SQ YD	2,328	2,328
42001300	PROTECTIVE COAT	SQ YD	866	866
44003100	MEDIAN REMOVAL	SQ FT	5,424	5,424
48101820	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	3,083	3,083
50105220	PIPE CULVERT REMOVAL	FOOT	10	10
54213889	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	18	18
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A 6 FOOT POSTS	FOOT	502	502
63000017	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	FOOT	175	175
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	6
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	12	12
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	46	46
63200310	GUARDRAIL REMOVAL	FOOT	3,949	3,949
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4
64300280	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	7	7
64301090	ATTENUATOR BASE	SQ YD	102	102
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
78200420	GUARDRAIL MARKERS, TYPE B	EACH	103	103
78201000	TERMINAL MARKER DIRECT APPLIED	EACH	46	46
89502376	REBUILD EXISTING HANDHOLE	EACH	3	3
Z0004562	COMBINATION CONCRETE CURB & GUTTER, REMOVAL & REPLACEMENT	FOOT	2,598	2,598
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	154	154
Z0084800	SELECTIVE CLEARING	UNIT	0.36	0.36
X2503100	MOWING	UNIT	210	210
X6062100	STABILIZED MEDIAN SURFACE 12"	SQ YD	602	602
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1

*Specialty Item
Non-participating (100% state)

Rev. 4-12-12

FILE NAME	USER NAME = USER	DESIGNED - EF	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GUARDRAIL IMPROVEMENTS - NORTHERN COOK COUNTY SUMMARY OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - EF	REVISED					2011-092-GRR	COOK	20	3	
	PLOT SCALE = 100' / IN.	CHECKED - RS	REVISED					VARIOUS ROUTES				CONTRACT NO. 60R20
	PLOT DATE = 2/6/2012	DATE - 02-07-2012	REVISED			SCALE: 50		SHEET NO. 1 OF 1 SHEETS		STA.		TO STA.
ILLINOIS FED. AID PROJECT												