GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS.
DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH
DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE
OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS UNLESS OTHERWISE STATED IN THE SPECIAL PROVISIONS OR PLANS.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD

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 ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE

IMPROVEMENT ARE:

* AT&T

* COMED

* COMCAST

AQUA IL
NICOR

* CMS * KANKAKEE

* FRONTIER

* KINDER MORGAN COCHIN PIPELINE
* UNITI FIBER

EASTERN ILLINI ELECTRIC CO-OP

* METRO COMMUNICATIONS

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION OR DRAINAGE RELATED WORK TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

NO COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

SCALE:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT THREE

PREPARED BY:

DATE:

TO STA.

 \cdots

CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" (375mm) THRU

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION

PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL

SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS

OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM

OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM

OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY

LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH

LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY

LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY,

URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

METAL FLARED END SECTION FOR PIPE CULVERTS

OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STEEL PLATE BEAM GUARDRAIL 29" (731mm) HEIGHT

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

DECIMAL OF AN INCH AND OF A FOOT

72" (1800 mm) EQUIVALENT DIAMETER

STEEL PLATE BEAM GUARDRAIL

SHOULDER RUMBLE STRIPS, 8 INCH

PERMANENT SURVEY MARKERS

CLASS B PATCHES

PAVEMENT EDGE

PAVEMENT EDGE

FOR SPEEDS ≥ 45 MPH

TRAFFIC CONTROL DEVICES

OBJECT AND TERMINAL MARKERS

DETECTOR LOOP INSTALLATIONS

TRAFFIC BARRIER TERMINAL TYPE 5A

TYPICAL LAYOUT FOR DETECTION LOOPS

TYPICAL PAVEMENT MARKINGS

000001-07

442101-09

542011-02

542311-07

542401-03

630001-12

630201-07

630301-09

667101-02

701001-02

701006-05

701011-04

701101-05

701201-05

701301-04

701306-04

701311-03

701501-06

701606-10

701701-10

701901-08

725001-01

780001-05

781001-04

782006-01

886001-01

886006-01

BLR 26-3

BLR 27-1

642006

001006

DISTRICT STUDIES & PLANS ENGINEE

2-7-2920

11 1 11.

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET OF SHEETS STA.

F.A.P.

RTE.

84C 138 RS-4 & F55 H9/8 KANK/IRGUNTY 49 SHEETS NO.

CONTRACT NO. 66B75

ILLINDIS FED. AID PROJECT

<u>∕1</u> REV. 4/7/20

				CONSTR	RUCTION CO	DE
			STP FUNDS	STP-URB	STP-RUR	STP-RU
			80% FED-20% STATE	KANKAKEE	KANKAKEE	
				ROADWAY	ROADWAY	ROADWA
CODE			TOTAL	0005	0005	0005
NO.	ITEM	UNIT	QUANTITY	URBAN	RURAL	RURAL
20200100	EARTH EXCAVATION	CU YD	90		15	75
20800150	TRENCH BACKFILL	CU YD	6	6		
25100630	EROSION CONTROL BLANKET	SQ YD	822	222	378	222
28100107	STONE RIPRAP, CLASS A4	SQ YD	65		25	40
28200200	FILTER FABRIC	SQ YD	65		25	40
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	167969	26104	38248	10361
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	71.9	10.3	16.4	45.2
40600990	TEMPORARY RAMP	SQ YD	2389	519	791	1079
40002005	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	26728	2022	6100	1670
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N/O	TON	26728	3832	6109	16787
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	23427	3353	5345	14729
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1536	487	468	581
·	· · · · · · · · · · · · · · · · · · ·	mm		·····	·	~~~
44000100	PAVEMENT REMOVAL	SQ YD	30			30
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	240887	36460	54543	14988
44201063	CLASS B PATCHES, TYPE II, 18 INCH	SQ YD	20	20		

* SPECIALTY ITEM

USER NAME = calderonl	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

 SUMMARY OF QUANTITIES
 F.A.P. RTE.
 SECTION

 840
 138 RS-4 & 139 RS-6
 KA

 SHEET
 OF
 SHEETS
 STA.
 TO STA.
 ILLINOIS FED. AID PI

			CONST	CONSTRUCTION CO			
				STP FUNDS 80% FED-20% STATE		STP-RUR KANKAKEE	
CODE NO.	ITEM		UNIT	TOTAL QUANT I TY	ROADWAY 0005 URBAN	ROADWAY 0005 RURAL	ROADWAY 0005 RURAL
44201299	DOWEL BARS 1 1/2"		EACH	40	40		
44213200	SAW CUTS		FOOT	94	94		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B		TON	1266	500	766	
48203100	HOT-MIX ASPHALT SHOULDERS		TON	472	472		
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQ 30"	UIVALENT ROUND-SIZE	FOOT	42	42		
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18" FOOT	IPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	7			7
54248510	CONCRETE COLLAR		CU YD	0.2			0.2
54260315	TRAVERSABLE PIPE GRATE FOR CONCRE	TE END SECTION	FOOT	10	10		
54262718	METAL FLARED END SECTIONS 18"		EACH	1			1
54262724	METAL FLARED END SECTIONS 24"		EACH	2		2	
54263330	CONCRETE END SECTION, STANDARD 54	2011, 30", 1:3	EACH	2	2		
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE	A, 6 FOOT POSTS	FOOT	162.5		162.5	
	STEEL PLATE BEAM GUARDRAIL, TYPE		FOOT	825	······		825
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A		EACH	7			7
	STATE OF HUMOIS		ARY OF QUAN		F.A.P. SECT	TION COUI	NTY TOTAL S

* SPECIALTY ITEM

USER NAME = calderonl	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SUMMARY OF QUANTITIES

| RTE. | SEC. |
| 840 | 138 RS-4 (

	GUARDRAIL SCHEDULE														
				REQ'D	PAVT	TBT	TBT	GR	SP	BGR	HMA	TERM	EARTH	GR	LIN
			CODE	LENGTH	REM	TY 1	TY 5A	REM	TY A	TY A	STAB	MARKER	ΕX	REFL	DEL
LOCA	TION		8	OF	**	(SPL)	t	3	6 - FT	9 - FT	AT	DIRECT	(6")	TY	PANEL
		DIRECTION	۵	NEED		TANGENT	}	ζ	POST	POST	SPBGR	APPLIED	*	A	4"
			FUND	, NEED		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	X	$\frac{1}{2}$, 05,	, 55,	6"	, , , , , , , ,		'`	,
FROM	TO		4	FOOT	SQ YD	EACH	EACH	FOOT	FOOT	FOOT	SQ YD	EACH	CU YD	EACH	EACH
STA 252+34			'	l			>	7	ı	1	1			•	•
251+81.50	252+19.00	NB DEPARTING	KANK-RURAL	237.5		1	ď	245	162.5		91.8	1	15	4	Д
252+19.00	254+19.00	NB APPROACHING	KANK - RURAL	237.3		1	(2 2 4 3	102.3		31.0	1	13	7	7
	mm						Ų.)							
SN 038-0115							}			mm					
. 547+74.75		NB DEPARTING (NE QUAD)	I ROQ - RURAL	150.75	10.0	1	1	128	Ç	100.0	5 60.4	1	10	4	2
550+67.00		NB APPROACHING (SE QUAD)	I ROQ - RURAL	200.75	16.2	1	1	128	<u> </u>	150.0	77.1	1	13	4	2
551+05.00	552+68.25	SB DEPARTING (SW QUAD)	I ROQ - RURAL	150.75	3.6	1	1	128	}	100.0	60.4	1	10	4	2
		<u> </u>	<u> </u>				\	2	<u> </u>		13				
SN 038-0117	T		1		}	<u>}</u>				1)		_			
750+60.25		NB DEPARTING (NE QUAD)	I ROQ - RURAL	138.25		1	1	128	<u> </u>	87.5	52.1	1	9	4	2
752+75.00	754+88.25	NB APPROACHING (SE QUAD)	I ROQ - RURAL	200.75		<u> </u>	1	214	<u> </u>	150.0	73.0	I	12	4	2
749+97.75	752+11.00	SB APPROACHING (NW QUAD)	I ROQ - RURAL	200.75		1	1	214	}	150.0	73.0	1	12	4	2
752+75.00		SB DEPARTING (SW QUAD)	I ROQ - RURAL	138.25		1	1	128	ζ	87.5	52.1	1	9	4	2
		1	17104 71071712	130723) 	ξ	7 123		07.13	7 32.11	•			
KANKAKEE RURAL TOTAL			5	238	0	2	0	245	162.5	0	92	2	15	4	4
			>	•	· '.	3	7	7	7	•	7				
	I F	ROQUOIS RURAL TOTAL		1,180	30	7	7	1,068	0 5	825.0	448	7	75	28	14
			(\	γ	2	>						
		GRAND TOTAL	>	1,418	30	9	7	1,313	162.5	825.0	540	9	90	32	18

FOR SPACING OF GUARDRAIL REFLECTORS SEE HWY STND 782006

SEE SP FOR LINEAR DELINATOR PANEL (4")

* DUE TO ENVIROMENTAL RESTRICTIONS ALL EXCAVATED MATERIAL MUST REMAIN WITHIN PROJECT LIMITS

HOWEVER, SURPLUS MATERIAL MAY BE USED AS SIDEROAD FURNISHED EX (SEE DETAIL), REGRADED BEHIND THE GUARDRAIL, OR AT BACKSLOPES

** PAVT REMOVAL TO EXTEND THE GUARDRAIL TO PROPOSED LENGTH OF NEED

		US	45 / US 52 -	SHORT TERM	
			PAVEMENT MA	RK I NG	
				INSTALL	REMOVAL
LOCATION		v	LENGTH	(3 APPS)	(2 APPS)
				4"	4"
STA	ТО	STA	FOOT	FOOT	SQ FT
ANKAKEE COUNT	Y - UR	BAN			
140+79	TO	144+60	381	404	89
145+23	TO	147+86	263		
TA EQUATION 1	47+86	BK TO 147+50) AH	633	139
147+50	TO	148+65	115	1	
148+65	TO	154+75	610	980	216
154+75	TO	172+09	1,734	520	114
172+09	TO	183+40	1,131	919	202
183+40	TO	189+60	620	655	144
189+60	TO	196+82	722	204	45
196+82	TO	237+00	4,018	1,205	265
KANK-URI	BAN TO	TALS	9,594	5,521	1,215
CANKAKEE COUNT					
237+00	TO	276+84	3,984	1,195	263
276+84	TO	289+94	1,310	1,178	259
289+94	TO	295+37	543	627	138
295+37	TO	320+71	2,534	300	66
320+71	TO	331+62	1,091	982	216
331+62	TO	343+25	1,163	349	77
343+25	TO	370+00	2,675	803	177
370+00	ΤO	396+77	2,677	803	177
KANK - RUI	RAL TO	TALS	15,977	6,236	1,372
ROQUOIS COUNT	Y - RU	RAL			
396+77	TO	450+05	5,328	1,598	352
450+05	TO	503+50	5,345	1,604	353
503+50	TO	543+71	4,021	1,206	265
543+71	ТО	556+50	1,279	384	84
556+50	TO	609+95	5,345	1,604	353
609+95	ТО	662+70	5,275	1,583	348
662+70	ТО	716+00	5,330	1,599	352
716+00	TO	769+20	5,320	1,596	351
769+20	TO	820+50	5,130	1,605	353
I ROQ - RUI			42,373	12,778	2,811
CDANI	D TOTA	\/	67,944	24,535	5,398
GRANI	J IUIA	14	07,944	24,333	J,390

USER NAME = calderonl	DESIGNED -	REVISED -		SCHEDULES					F.A.P.	SECTION	COUNTY	TOTAL	SHEET	
	DRAWN -	REVISED -	STATE OF ILLINOIS						840	138 RS-4 & 139 RS-6	KANK / IROQ	49	16	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	NO. 66	B75
PLOT DATE = 4/7/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		
													4/7/20	020



