01-15-2016 LETTING ITEM 023

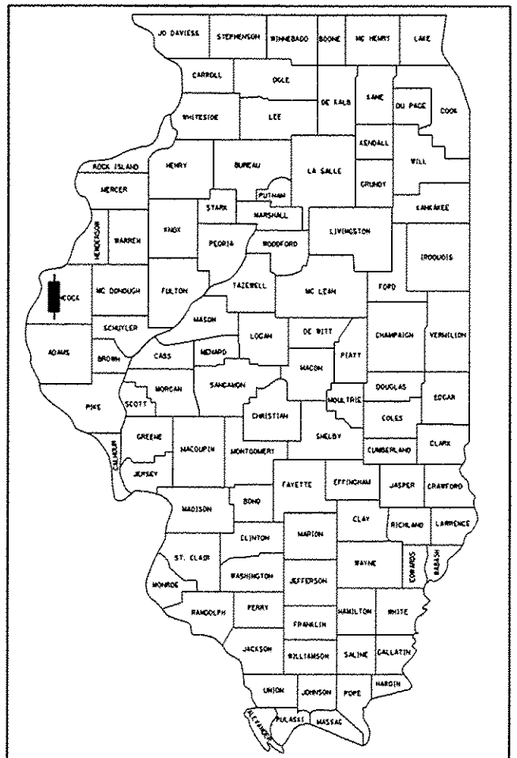
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125) RS-4	HANCOCK	23	1
	ILLINOIS	CONTRACT NO. 72H38		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 506 (IL ROUTE 96)
SECTION (125) RS–4
PROJECT ACF-0506(014)
PPP RESURFACING
HANCOCK COUNTY
C–96–010–15

D–96–010–15



LOCATION OF SECTION INDICATED THUS: –

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION
F.A.P. ROUTE 506 (IL 96)

ADT: 1,900 (2014) PV = 79.48%
ADT: 2,370 (2035) SU = 7.89%
DESIGN SPEED: 60 MPH MU = 12.63%
POSTED SPEED: 55 MPH

CLASSIFICATION: MINOR ARTERIAL (NON–URBAN)

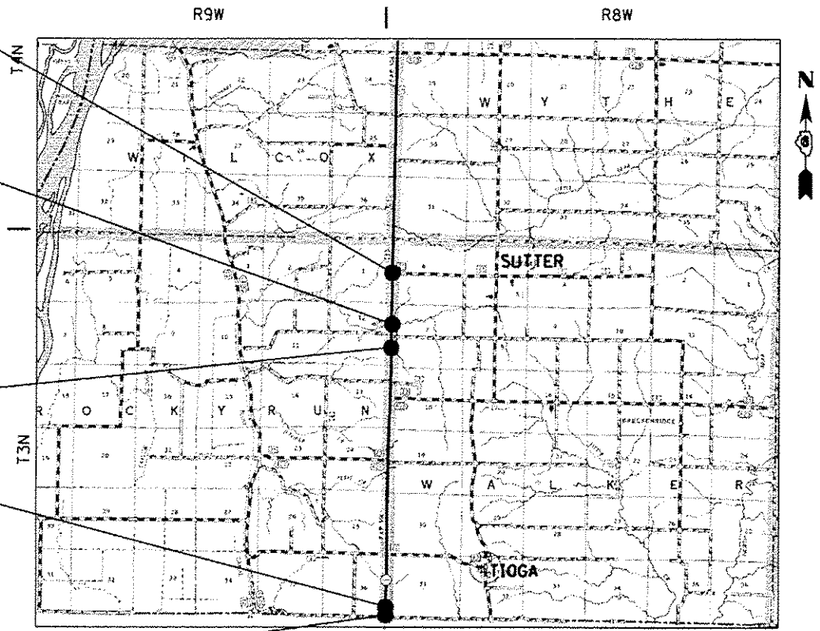
END PROJECT
STA. 759+80.00

(BRIDGE OMISSION):
S.N.: 034–0068
STA 712+30.08 TO
STA 713+77.92

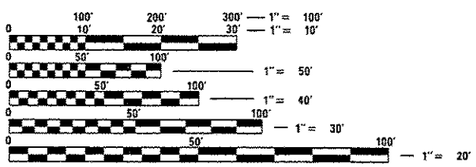
(STA. EQN. #2):
STA. 694+60.48 (BK) =
STA. 694+80.77 (AH)

(STA. EQN. #1):
STA. 466+34.06 (BK) =
STA. 466+33.30 (AH)

BEGIN PROJECT
STA. 465+07.00



GROSS LENGTH = 29,453.47 FT = 5.58 MI
NET LENGTH = 29,245.63 FT = 5.54 MI



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 14 2015
Roger L. Driskell /jes
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Dec 4 2015
John D. Baranzelli, P.E. /jes
ENGINEER OF DESIGN AND ENVIRONMENT
Dec 4 2015
Omer Osman, P.E. /jes
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER: JAY WAVERING (217) 785–9046
PROJECT MANAGER: RENE CABRERA (217) 558–5140

CONTRACT NO. 72H38

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

GENERAL NOTES

① WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

② THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

③ THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCURS DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

④ ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.

⑤ THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS (800) 892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.

⑥ THE LOCATIONS OF BOTH BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ...ETC OF ANY UTILITIES MUST BE COORDINATED BETWEEN CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

⑦ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATION(S):	IL 96	IL 96	IL 96	IL 96
MIXTURE USE(S):	HMA CONC SURF CSE	PATCHING	INCIDENTAL HMA SURF	LEV BIND
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "C"	N/A	MIX "C"	N/A
QUALITY MANAGEMENT	QCP	QC/QA	QC/QA	QCP
SUBLOT SIZE	1,000 TONS	N/A	N/A	800 TONS

LOCATION(S):	IL 96	IL 96
MIXTURE USE(S):	HMA SHOULDERS (Top Lift)	HMA SHOULDERS (Lower Lifts)
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "C"	N/A
QUALITY MANAGEMENT	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A

⑧ IN ADDITION TO FIELD AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

⑨ THE EXACT LOCATIONS AND SIZES OF PAVEMENT PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

⑩ THE APPROXIMATE AVERAGE THICKNESS OF 2" IS USED FOR CALCULATING THE QUANTITY FOR AGGREGATE WEDGE SHOULDER, TYPE B.

⑪ NO PASSING ZONES SHALL BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT (217) 785-5312 AT LEAST 14 DAYS IN ADVANCE OF FINAL PAVEMENT MARKINGS.

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT): 0.05 LBS / SQ FT (FOR MILLING)
0.025 LBS / SQ FT (FOR LIFTS)
HMA SURFACE MIX C / BINDER (112 LBS): 0.056 TON / SQ YD * in
AGGREGATE MATERIALS: 2.05 TON / CU YD

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND TO ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

INDEX OF SHEETS

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C & D PATCHES
701201-04	LANE CLOSURE 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45MPH
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE 2L, 2W PAVEMENT WIDENING, FOR SPEEDS ≥ 45MPH
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKING
781001-03	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS

DISTRICT SIX

EXAMINED September 11th 20 15
John C Wuyanyon
OPERATIONS ENGINEER

EXAMINED September 14 20 15
Ron Ortenbreen
PROJECT IMPLEMENTATION ENGINEER

EXAMINED September 15 20 15
Jeffrey P. Myers
PROGRAM DEVELOPMENT ENGINEER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LISTS OF STANDARDS, GENERAL NOTES, AND COMMITMENTS

SCALE: NTS | SHEET NO. 1 OF 1 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	2
		CONTRACT NO. 72H38		
	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00426-0000 CONSTR. CODE 80% FEDERAL 20% STATE ROADWAY 0005 RURAL
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	4	4
21400100	GRADING AND SHAPING DITCHES	FOOT	1,000	1,000
35800100	PREPARATION OF BASE	SQ YD	150	150
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	42	42
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	58,266	58,266
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	3,559	3,559
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,894	1,894
40600990	TEMPORARY RAMP	SQ YD	58	58
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	7,162	7,162
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	228	228
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1,577	1,577
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH	SQ YD	425	425
44200184	PAVEMENT PATCHING, TYPE III, 15 INCH	SQ YD	105	105
44200186	PAVEMENT PATCHING, TYPE IV, 15 INCH	SQ YD	77	77
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,925	2,925

15

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125) RS-4	HANCOCK	23	3
		CONTRACT NO. 72H38		
	ILLINOIS FED. AID PROJECT			

					6-00426-0000
					CONSTR. CODE
					80% FEDERAL 20% STATE
					ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
					RURAL
	48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	267	267
	66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	26	26
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
	67100100	MOBILIZATION	L SUM	1	1
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,993	7,993
	70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	78,881	78,881
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	888	888
*	78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	78,881	78,881
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	371	371
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	371	371
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	83,245	83,245
14 ø	Z0076600	TRAINEES	HOUR	1000	1000
ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000

* SPECIALTY ITEM ø 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125) RS-4	HANCOCK	23	4
		CONTRACT NO. 72H38		
	ILLINOIS FED. AID PROJECT			

MILLING SCHEDULE

TYP SEC #	LOCATION STA TO STA	LENGTH (FOOT)	PAVT WIDTH (FOOT)	HMA SURF REM. BUTT JOINT (SQ YD)	HMA SURF REMOVAL VAR DP (SQ YD)	HMA SURF REMOVAL 2 1/4" (SQ YD)
		-	-	-	-	-
	[F.A.P. 506 (IL 96)]	-	-	-	-	-
(1)	465+07.00 TO 465+22.00	15.0	26	43.33	-	-
(1)	465+22.00 TO 466+34.06	112.06	26	-	323.73	-
	(STA EQN #1)	-	-	-	-	-
	466+34.06 (BK) = 466+33.30 (AH)	-	-	-	-	-
(2)	466+33.30 TO 554+95.90	8,882.60	26	-	25,603.07	-
(2)	554+95.90 TO 555+25.90	30.0	26	-	86.67	-
(3)	555+25.90 TO 559+55.90	430.0	33	-	-	1,576.67
(4)	559+55.90 TO 559+85.90	30.0	26	-	86.67	-
(4-6)	559+85.90 TO 694+60.48	13,474.58	26	-	38,926.56	-
	(STA EQN #2)	-	-	-	-	-
	694+60.48 (BK) = 694+80.77 (AH)	-	-	-	-	-
(7-8)	694+80.77 TO 712+15.08	1,734.31	26	-	5,010.23	-
(8)	712+15.08 TO 712+30.08	15.0	26	43.33	-	-
	(BRIDGE OMISSION)	-	-	-	-	-
	712+30.08 TO 713+77.92	-	-	-	-	-
(9)	713+77.92 TO 713+92.92	15.0	26	43.33	-	-
(9-10)	713+92.92 TO 759+65.00	4,572.08	26	-	13,208.23	-
(10)	759+65.00 TO 759+80.00	15.0	26	43.33	-	-
		-	-	-	-	-
	INCIDENTAL HMA SURFACING	-	-	-	-	-
	HMA ENTR	-	-	907.61	-	-
	SIDE RDS	-	-	813.18	-	-
		-	-	-	-	-
PROJECT TOTAL				1,894	83,245	1,577

TEMPORARY RAMP

TYP. SEC. #	LOCATION	QUANTITY (SQ YD)
	[F.A.P. 506 (IL 96)]	
(1)	465+07.00 TO 465+12.00	14.44
	(STA EQN #1)	
	466+34.06 (BK) = 466+33.30 (AH)	
	(STA EQN #2)	
	694+60.48 (BK) = 694+80.77 (AH)	
(8)	712+25.08 TO 712+30.08	14.44
	(BRIDGE OMISSION)	
	712+30.08 TO 713+77.92	
(9)	713+77.92 TO 713+82.92	14.44
(10)	759+75.00 TO 759+80.00	14.44
PROJECT TOTAL		58

AGGREGATE WEDGE SHOULDER, TYPE B

TYP. SEC. #	LOCATION	QUANTITY (TON)
	[F.A.P. 506 (IL 96)]	
(1)	465+07.00 TO 466+34.06	12.86
	(STA EQN #1)	
	466+34.06 (BK) = 466+33.30 (AH)	
(2)	466+33.30 TO 555+25.90	900.24
(3)	555+25.90 TO 559+55.90 RT	21.77
(4-6)	559+55.90 TO 694+60.48	1,367.13
	(STA EQN #2)	
	694+60.48 (BK) = 694+80.77 (AH)	
(7)	694+80.77 TO 711+30.08	166.97
	(BRIDGE OMISSION)	
	712+30.08 TO 713+77.92	
(10)	714+77.92 TO 759+80.00	455.77
PROJECT TOTAL		2,925

EXCAVATING AND GRADING EXISTING SHOULDER

TYP. SEC. #	LOCATION	QUANTITY (UNIT)
	[F.A.P. 506 (IL 96)]	
(8)	711+30.08 TO 712+30.08	2
	(BRIDGE OMISSION)	
	712+30.08 TO 713+77.92	
(9)	713+77.92 TO 714+77.92	2
PROJECT TOTAL		4

HOT-MIX ASPHALT SHOULDERS, 6 1/2"

TYP. SEC. #	LOCATION	QUANTITY (SQ YD)
	[F.A.P. 506 (IL 96)]	
(8)	711+30.08 TO 712+30.08	133.33
	(BRIDGE OMISSION)	
	712+30.08 TO 713+77.92	
(9)	713+77.92 TO 714+77.92	133.33
PROJECT TOTAL		267

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 1 OF 5 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	5
		CONTRACT NO. 72H38		
	ILLINOIS FED. AID PROJECT			

INCIDENTAL HOT-MIX ASPHALT SURFACING & AGGREGATE SURFACE COURSE

DESCRIPTION	STATION	fr. E.O.P.	WIDTH	THICKNESS	EXIST WIDTH	AGGR. ENTR.		HMA. ENTR.		SIDE RD.		TOTAL	Agg. Surf. Cse, Ty B
						AREA	TOTAL	AREA	TOTAL	AREA	TOTAL		
		(FOOT)	(FOOT)	(INCH)	(FOOT)	(SQ FT)	(TON)	(SQ FT)	(TON)	(SQ FT)	(TON)	(TON)	(TON)
		-	-	-	-	-	-	-	-	-	-	-	-
[F.A.P. 506 (IL 96)]		-	-	-	-	-	-	-	-	-	-	-	-
LIMITS OF IMPROVEMENT:	465+07.00	-	-	-	-	-	-	-	-	-	-	-	-
SECTION BEGINS	465+37.00	-	-	-	-	-	-	-	-	-	-	-	-
(STA EQN #1)	466+34.06 (BK)	-	-	-	-	-	-	-	-	-	-	-	-
	466+33.30 (AH)	-	-	-	-	-	-	-	-	-	-	-	-
HMA PE	516+21.40 RT	7	30	2.25 to 1.5	16	-	-	259.00	3.02	-	-	3.02	1.53
HMA MBT	517+52.10 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
CH 10 (RT)	517+87.50 (LT)	9	58	2.25 to 1.5	-	-	-	-	-	603.00	7.04	7.04	-
TR 423 (LT)	518+50.80 (RT)	(Measured Using CADD)			28	-	-	-	-	1,640.92	19.14	19.14	-
HMA PE (w/ MBT) (leading)	526+38.60 LT	7	44	2.25 to 1.5	16	-	-	395.50	4.61	-	-	4.61	1.53
HMA PE	532+41.60 RT	7	38	2.25 to 1.5	24	-	-	315.00	3.68	-	-	3.68	2.06
HMA MBT	533+36.00 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
PCC PE	556+64.50 RT	(No work)			8	-	-	-	-	-	-	-	-
HMA CE	564+08.40 RT	9	45	2.25 to 1.5	35	-	-	486.00	5.67	-	-	5.67	1.90
HMA PE (w/ MBT) (leading)	565+20.20 LT	7	42	2.25 to 1.5	14	-	-	381.50	4.45	-	-	4.45	1.40
HMA MBT	575+97.00 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
HMA PE	576+22.00 RT	7	32	2.25 to 1.5	18			273.00	3.19	-	-	3.19	1.66
TR 399A (RT)	596+97.00 (RT)	9	42	2.25 to 1.5	30	-	-	-	-	459.00	5.36	5.36	2.05
CH 25 (LT)	599+07.30 (LT)	11	57	2.25 to 1.5	-	-	-	-	-	748.00	8.73	8.73	-
AGG PE	601+61.50 RT	7	28	3.5	14	245.00	5.34	-	-	-	-	5.34	1.40
HMA PE (w/ MBT) (leading)	617+64.80 LT	7	44	2.25 to 1.5	16	-	-	395.50	4.61	-	-	4.61	1.53
HMA PE	624+33.40 RT	7	30	2.25 to 1.5	16	-	-	259.00	3.02	-	-	3.02	1.53
HMA MBT	624+34.30 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
AGG PE (w/ MBT) (trailing)	636+85.20 RT	7	44	3.5	16	423.50	9.22	-	-	-	-	9.22	1.53
AGG PE (w/ MBT) (leading)	637+31.10 LT	7	44	3.5	16	395.50	8.61	-	-	-	-	8.61	1.53
HMA PE (w/ MBT) (trailing)	650+12.20 LT	7	44	2.25 to 1.5	16	-	-	423.50	4.94	-	-	4.94	1.53
AGG PE (w/ MBT) (trailing)	651+50.00 LT	7	42	3.5	14	409.50	8.92	-	-	-	-	8.92	1.40
CH 23 (RT)	651+58.28 (RT)	11	44	2.25 to 1.5	-	-	-	-	-	605.00	7.06	7.06	-
HMA CE	652+73.20 RT	9	42	2.25 to 1.5	32	-	-	459.00	5.36	-	-	5.36	1.76
TR 381 (RT)	664+40.70 (RT)	9	36	2.25 to 1.5	24	-	-	-	-	405.00	4.73	4.73	1.71
TR 381A (LT)	666+41.04 (LT)	(Measured Using CADD)			25	-	-	-	-	1,447.74	16.89	16.89	-
HMA PE (w/ MBT) (trailing)	667+61.90 RT	7	42	2.25 to 1.5	14	-	-	409.50	4.78	-	-	4.78	1.40
HMA PE (w/ MBT) (leading)	689+04.90 LT	7	44	2.25 to 1.5	16	-	-	395.50	4.61	-	-	4.61	1.53
HMA PE	690+23.60 LT	7	30	2.25 to 1.5	16	-	-	259.00	3.02	-	-	3.02	1.53
(STA EQN #2)	694+60.48 (BK)	-	-	-	-	-	-	-	-	-	-	-	-
	694+80.77 (AH)	-	-	-	-	-	-	-	-	-	-	-	-
AGG PE (w/ MBT) (trailing)	696+58.70 RT	7	44	3.5	16	423.50	9.22	-	-	-	-	9.22	1.53
TR 369 (RT)	704+73.67 (RT)	9	36	2.25 to 1.5	24	-	-	-	-	405.00	4.73	4.73	1.71
TR 369A (LT)	706+68.94 (LT)	11	37	2.25 to 1.5	-	-	-	-	-	528.00	6.16	6.16	-
(BRIDGE OMISSION)	712+30.08 TO	-	-	-	-	-	-	-	-	-	-	-	-
SN: 034-0068	713+77.92	-	-	-	-	-	-	-	-	-	-	-	-
HMA PE	717+28.80 RT	7	30	2.25 to 1.5	16	-	-	259.00	3.02	-	-	3.02	1.53
HMA MBT	717+32.70 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
		-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTALS						1,897.00	41.31	6,440.00	75.13	6,841.66	79.82	196.27	35.23

(CONTINUED ON NEXT SHEET)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 2 OF 5 SHEETS | STA. 465+07.00 | TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	6
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

INCIDENTAL HOT-MIX ASPHALT SURFACING & AGGREGATE SURFACE COURSE (cont.)

DESCRIPTION	STATION	fr. E.O.P.	WIDTH	THICKNESS	EXIST WIDTH	AGGR. ENTR.		HMA. ENTR.		SIDE RD.		TOTAL	Agg. Surf. Cse, Ty B
						AREA	TOTAL	AREA	TOTAL	AREA	TOTAL		
		(FOOT)	(FOOT)	(INCH)	(FOOT)	(SQ FT)	(TON)	(SQ FT)	(TON)	(SQ FT)	(TON)	(TON)	(TON)
		-	-	-	-	-	-	-	-	-	-	-	-
[F.A.P. 506 (IL 96)] (cont.)		-	-	-	-	-	-	-	-	-	-	-	-
HMA MBT	719+47.50 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
HMA PE	719+52.70 RT	7	30	3.5	16	259.00	5.64	-	-	-	-	5.64	1.53
HMA PE	721+14.80 RT	7	26	2.25 to 1.5	12	-	-	231.00	2.70	-	-	2.70	1.26
HMA CE	752+60.20 LT	9	45	2.25 to 1.5	35	-	-	486.00	5.67	-	-	5.67	1.90
HMA MBT	754+00.70 LT	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	-
HMA PE (w/ MBT) (trailing)	756+78.40 LT	7	44	2.25 to 1.5	16	-	-	423.50	4.94	-	-	4.94	1.53
CH 21 (Sutter Rd.) (RT)	758+64.94 (RT)	9	44	2.25 to 1.5	-	-	-	-	-	477.00	5.57	5.57	-
SECTION ENDS	759+50.00	-	-	-	-	-	-	-	-	-	-	-	-
LIMITS OF IMPROVEMENT:	759+80.00	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTALS						259.00	5.64	1,728.50	20.17	477.00	5.57	31.37	6.22
PROJECT TOTAL						2,156	47	8,169	95	7,319	86	228	42

PAVEMENT MARKING SCHEDULE

TYP SEC #	LOCATION STA TO STA	LINE 5"				RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVT MRKR REMOVAL	SHORT-TERM PAVEMENT MARKING (3 APPLICATIONS)	WORK ZONE PAVEMENT MARKING REMOVAL
		YELLOW			WHITE				
		SOLID	SKIP-DASH	DBL-SOLID	SOLID				
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(FOOT)	(SQ FT)
		-	-	-	-	-	-	-	-
	[F.A.P. 506 (IL 96)]	-	-	-	-	-	-	-	-
(1)	465+07.00 TO 466+34.06	127.06	25.41	-	254.12	3	3	11.55	3.85
	(STA EQN #1)	-	-	-	-	-	-	-	-
	466+34.06 (BK) = 466+33.30 (AH)	-	-	-	-	-	-	-	-
(2)	466+33.30 TO 514+50.00	4,816.70	-	-	-	-	-	-	-
(2-5)	466+33.30 TO 600+00.00	-	2,673.34	-	-	-	-	-	-
(2-6)	466+33.30 TO 694+60.48	-	-	-	45,654.36	286	286	2,075.20	691.73
(2)	480+50.00 TO 514+50.00	-	-	-	-	-	-	-	-
(2-4)	546+00.00 TO 564+00.00	1,800.0	-	-	-	-	-	-	-
(4-5)	572+00.00 TO 600+00.00	2,800.0	-	-	-	-	-	-	-
(5)	600+00.00 TO 602+00.00	-	-	400.0	-	-	-	-	-
(5-6)	602+00.00 TO 610+50.00	850.0	-	-	-	-	-	-	-
(5-6)	602+00.00 TO 694+60.48	-	1,852.10	-	-	-	-	-	-
(6)	671+00.00 TO 694+60.48	2,360.48	-	-	-	-	-	-	-
	(STA EQN #2)	-	-	-	-	-	-	-	-
	694+60.48 (BK) = 694+80.77 (AH)	-	-	-	-	-	-	-	-
(7)	694+80.77 TO 704+50.00	969.23	-	-	-	-	-	-	-
(7-8)	694+80.77 TO 712+30.08	-	349.86	-	3,498.62	23	23	159.03	53.01
	(BRIDGE OMISSION)	-	29.57	-	295.68	-	-	-	-
	712+30.08 TO 713+77.92	-	-	-	-	-	-	-	-
(9-10)	713+77.92 TO 759+80.00	-	920.42	-	9,204.16	59	59	418.37	139.46
		-	-	-	-	-	-	-	-
SUBTOTALS		13,723.47	5,850.69	400.0	58,906.94	-	-	2,664.15	-
PROJECT TOTAL		78,881				371	371	7,993	888

PAVEMENT SCHEDULE

TYP SEC #	LOCATION (STA TO STA)	LENGTH	PAVT WIDTH	LEVELING BINDER THICKNESS	HMA SURF THICKNESS	HMA SURF CSE "C" N50	LEVELING BINDER (MM), N50	HMA - PRIME COAT	
								MILLING	LIFTS
		(FOOT)	(FOOT)	(INCH)	(INCH)	(TON)	(TON)	(POUND)	(POUND)
		-	-	-	-	-	-	-	-
	[F.A.P. 506 (IL 96)]	-	-	-	-	-	-	-	-
(1)	465+07.00 TO 466+34.06	127.06	26	-	1.5	30.83	-	165.18	82.59
(1)	465+22.00 TO 465+37.00	15.0	26	0.375	-	-	0.91	-	-
(1)	465+37.00 TO 466+34.06	97.06	26	0.75	-	-	11.78	-	-
	(STA EQN #1)	-	-	-	-	-	-	-	-
	466+34.06 (BK) = 466+33.30 (AH)	-	-	-	-	-	-	-	-
(2)	466+33.30 TO 555+25.90	8,892.60	26	0.75	1.5	2,157.94	1,078.97	11,560.38	5,780.19
(3)	555+25.90 TO 559+55.90	430.0	33	0.75	1.5	132.44	66.22	709.50	354.75
(4-6)	559+55.90 TO 694+60.48	13,504.58	26	0.75	1.5	3,277.11	1,638.56	17,555.95	8,777.98
	(STA EQN #2)	-	-	-	-	-	-	-	-
	694+60.48 (BK) = 694+80.77 (AH)	-	-	-	-	-	-	-	-
(7)	694+80.77 TO 711+30.08	1,649.31	26	-	1.5	400.23	-	2,144.10	1,072.05
(7-8)	694+80.77 TO 712+00.08	1,719.31	26	0.75	-	-	208.61	-	-
(8)	711+30.08 TO 712+30.08	100.0	38	-	1.5	35.47	-	130.00	125.00
(8)	712+00.08 TO 712+15.08	15.0	26	0.375	-	-	0.91	-	-
	(BRIDGE OMISSION)	-	-	-	-	-	-	-	-
	712+30.08 TO 713+77.92	-	-	-	-	-	-	-	-
(9)	713+77.92 TO 714+77.92	100.0	38	-	1.5	35.47	-	130.00	125.00
(9)	713+92.92 TO 714+07.92	15.0	26	0.375	-	-	0.91	-	-
(9-10)	714+07.92 TO 759+50.00	4,542.08	26	0.75	-	-	551.11	-	-
(10)	714+77.92 TO 759+80.00	4,502.08	26	-	1.5	1,092.50	-	5,852.70	2,926.35
(10)	759+50.00 TO 759+65.00	15.0	26	0.375	-	-	0.91	-	-
	INCIDENTAL HMA SURFACING	-	-	-	-	-	-	-	-
	HMA ENTR	(907.61 sq yd)		-	-	-	-	408.42	-
	SIDE RDS	(813.18 sq yd)		-	-	-	-	365.93	-
		-	-	-	-	-	-	-	-
SUBTOTALS						-	-	39,022.17	19,243.91
PROJECT TOTAL						7,162	3,559	58,266	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 4 OF 5 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	8
		CONTRACT NO. 72H38		
	ILLINOIS	FED. AID PROJECT		

PERMANENT SURVEY MARKERS, TYPE 1

TYPE 1, PERMANENT SURVEY MARKERS FOR SECTION CORNERS							PERMANENT SURVEY MARKERS, TYPE1			
POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	QUANTITY (EACH)	LOCATION	NORTHING	EASTING	QUANTITY (EACH)
1020	1291408.603	1958563.445	491+65.13	4.89 LT	W1/4 COR, SEC31, T3N, R8W, 4th P.M.	1	P.C. Sta 466+33.30	1288878.790	1958466.884	1
1021	1294027.807	1958655.032	517+85.93	0.37 LT	N.W. COR, SEC 31, T3N, R8W, 4th P.M.	1	P.T. Sta 476+33.67	1289877.833	1958517.448	1
1022	1294094.719	1958656.228	518+52.84	1.40 LT	N.E. COR, SEC36, T3N, R9W, 4th P.M.	1	P.I. Sta 518+52.63	1294094.466	1958657.615	1
1023	1296636.406	1958736.353	543+95.78	6.87 LT	W1/4 COR, SEC30, T3N, R8W, 4th P.M.	1	P.C. Sta 548+14.34	1297054.498	1958757.306	1
1024	1296736.243	1958739.285	544+95.66	7.30 LT	E1/4 COR, SEC25, T3N, R9W, 4th P.M.	1	P.T. Sta 558+14.34	1298054.031	1958787.688	1
1032	1299247.993	1958817.430	570+08.67	2.63 LT	S.W. COR, SEC 19, T3N, R8W, 4th P.M.	1	P.I. Sta 582+00.97	1300439.781	1958852.376	1
1025	1299435.015	1958823.248	571+95.78	1.88 LT	S.E. COR, SEC 24, T3N, R8W, 4th P.M.	1	P.C. Sta 596+95.42	1301933.654	1958893.859	1
1026	1301933.066	1958897.573	596+94.93	3.73 RT	W1/4 COR, SEC 19, T3N, R8W, 4th P.M.	1	P.T. Sta 606+95.42	1302933.263	1958921.808	1
1027	1302147.659	1958901.811	599+09.56	2.00 RT	E 1/4 COR, SEC 24, T3N, R9W, 4th P.M.	1	P.I. Sta 631+26.30	1305363.184	1958990.214	1
1018	1307394.117	1959048.826	651+58.08	0.18 LT	W 1/4 COR, SEC 18, T3N, R8W, 4th P.M.	1	P.C. Sta 654+48.42	1307684.330	1959057.407	1
1017	1307526.092	1959052.028	652+90.09	0.80 LT	E 1/4 COR, SEC 13, T3N, R9W, 4th P.M.	1	P.T. Sta 664+48.42	1308683.834	1959088.806	1
1016	1312681.563	1959214.133	704+68.39	10.12 LT	W 1/4 COR, SEC7, T3N, R8W, 4th P.M.	1	STA EQN 694+60.48 (BK)=	1311694.166	1959190.799	1
							694+80.77 (AH)			
							P.I. Sta 713+04.49	1313516.845	1959252.554	1
							P.I. Sta 731+61.93	1315373.213	1959315.523	1
SUBTOTALS						12				14
PROJECT TOTAL						26				

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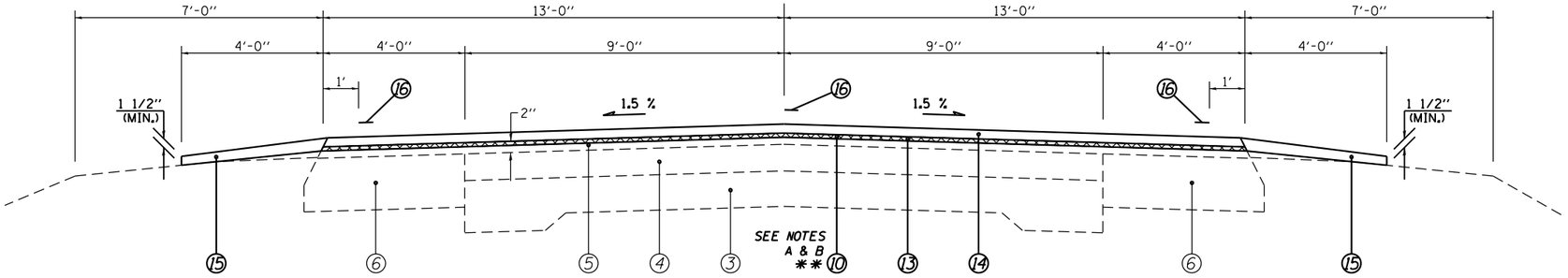
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 5 OF 5 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	9
		CONTRACT NO. 72H38		
	ILLINOIS	FED. AID PROJECT		

℄ F.A.P. 506 (IL 96)



(1) STA. 465+37.00 TO STA. 466+34.06 [97.06']

SEE NOTE A ** (2) STA. 466+33.30 TO STA. 555+25.90 [8,892.60']

SEE NOTE B ** (4) STA. 559+55.90 TO STA. 597+50.90 [3,795.0]

(6) STA. 605+00.90 TO STA. 694+60.48 [8,959.58']

(7) STA. 694+80.77 TO STA. 711+30.08 [1,649.31']

(10) STA. 714+77.92 TO STA. 759+50.00 [4,472.08']

STA EQN #1

STA 466+34.06 (BK) =

STA 466+33.30 (AH)

STA EQN #2

STA 694+60.48 (BK) =

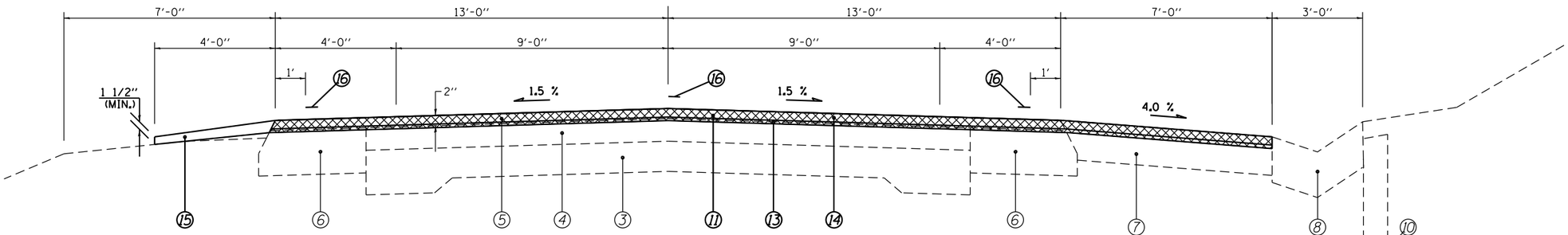
STA 694+80.77 (AH)

LEGEND

1. EXIST. SUB-BASE GRANULAR, TYPE A 12"
2. EXIST. BITUMINOUS CONCRETE BINDER COURSE 11"
3. EXIST. P.C.C. PAVEMENT 9"-6"-9"
4. EXIST. BITUMINOUS OVERLAY (SEE TABLE)
5. EXIST. BITUMINOUS OVERLAY
6. EXIST. BITUMINOUS CONCRETE BASE COURSE WIDENING 9"
7. EXIST. BITUMINOUS SHOULDERS 8"
8. EXIST. CONCRETE GUTTER, TYPE A
9. EXIST. PIPE UNDERDRAIN, 4"
10. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, VAR DP *
11. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
12. PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2"
13. PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4"
14. PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
15. PROP. AGGREGATE WEDGE SHOULDER, TYPE B
16. PROP. PAINT PAVEMENT MARKING - LINE 5"

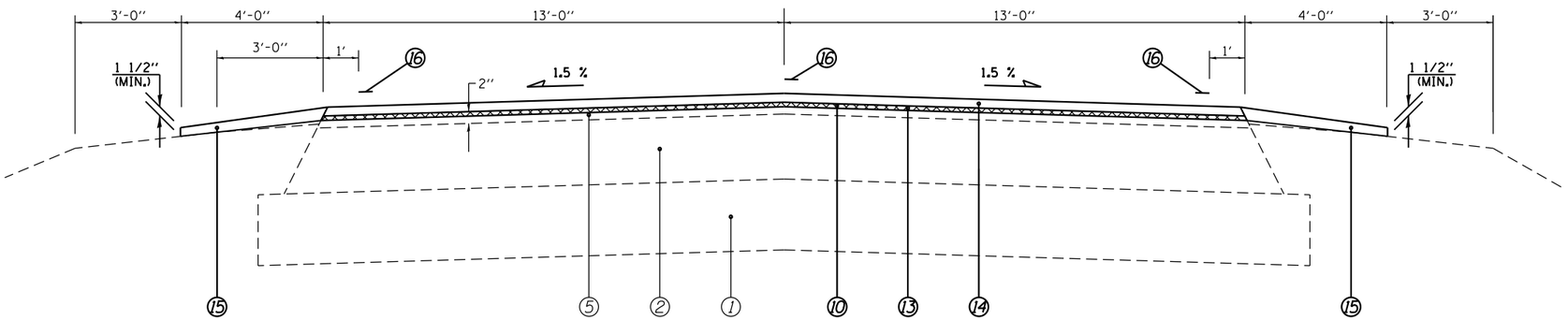
* NOMINAL MILLING DEPTH 3/4" @ ℄

℄ F.A.P. 506 (IL 96)



(3) STA. 555+25.90 TO STA. 559+55.90 [430.0']

℄ F.A.P. 506 (IL 96)



(5) STA. 597+50.90 TO STA. 605+00.90 [750.0']

TABLE 1	
EXISTING BITUMINOUS CONCRETE OVERLAY	
STA TO STA	THICKNESS
465+50 - 664+60	3"
664+60 - 665+00	3" TO 5"
665+00 - 686+00	5"
686+00 - 686+40	5" TO 3"
686+40 - 692+10	3"
692+10 - 692+50	3" TO 5"
692+50 - 703+00	5"
703+00 - 703+40	5" TO 3"
703+40 - 706+60	3"
706+60 - 707+00	3" TO 5"
707+00 - 712+38.5	5"
712+38.5 - 712+78.5	5" TO 0"
712+78.5 - 713+31.5	0"
713+31.5 - 713+91.5	0" TO 3"
713+91.5 - 720+60	3"
720+60 - 721+00	3" TO 5"
721+00 - 727+00	5" TO 6"
727+00 - 743+00	6" TO 5"
743+00 - 743+50	5" TO 2.5"
743+50 - 759+20	2.5"

** NOTES:

(A) MILLING DEPTH VAR. FR. 0.75" TO 2.25" FR. STA 554+95.90 TO 555+25.90.

(B) MILLING DEPTH VAR. FR. 2.25" TO 0.75" FR. STA 559+55.90 TO 559+85.90.

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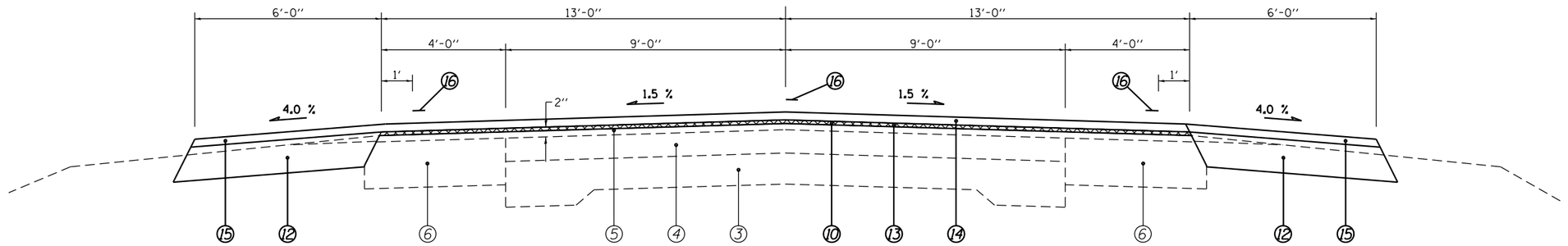
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. 465+37.00 TO STA. 759+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	10
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

℄ F.A.P. 506 (IL 96)



(8) STA. 711+30.08 TO STA. 712+30.08 [100.0']

(9) STA. 713+77.92 TO STA. 714+77.92 [100.0']

BRIDGE OMISSION
S.N.: 034-0068
STA 712+30.08 TO
STA 713+77.92

LEGEND

1. EXIST. SUB-BASE GRANULAR, TYPE A 12"
2. EXIST. BITUMINOUS CONCRETE BINDER COURSE 11"
3. EXIST. P.C.C. PAVEMENT 9"-6"-9"
4. EXIST. BITUMINOUS OVERLAY (SEE TABLE)
5. EXIST. BITUMINOUS OVERLAY
6. EXIST. BITUMINOUS CONCRETE BASE COURSE WIDENING 9"
7. EXIST. BITUMINOUS SHOULDERS 8"
8. EXIST. CONCRETE GUTTER, TYPE A
9. EXIST. PIPE UNDERDRAIN, 4"
10. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, VAR DP *
11. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
12. PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2"
13. PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4"
14. PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
15. PROP. AGGREGATE WEDGE SHOULDER, TYPE B
16. PROP. PAINT PAVEMENT MARKING - LINE 5"

* NOMINAL MILLING DEPTH 3/4" @ ℄

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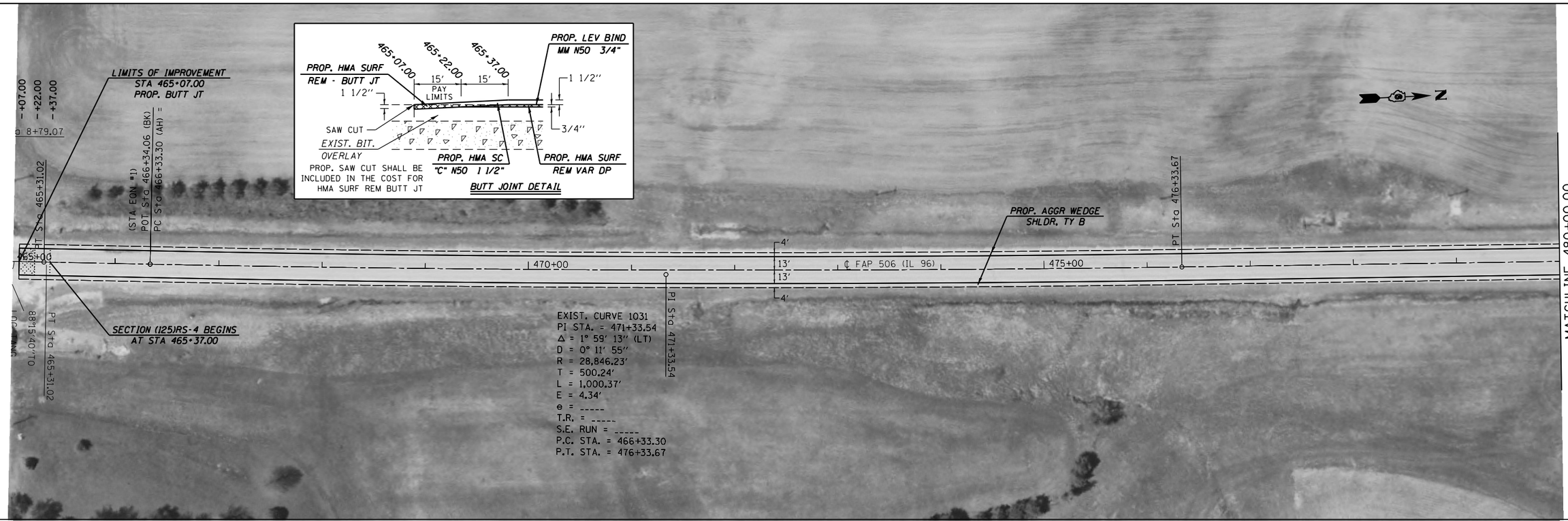
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. 711+30.08 TO STA. 714+77.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	11
		CONTRACT NO. 72H38		
	ILLINOIS FED. AID PROJECT			



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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 1 OF 10 SHEETS | STA. 465+00.00 TO STA. 495+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	12
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

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	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 2 OF 10 SHEETS | STA. 495+00.00 TO STA. 525+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	13
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

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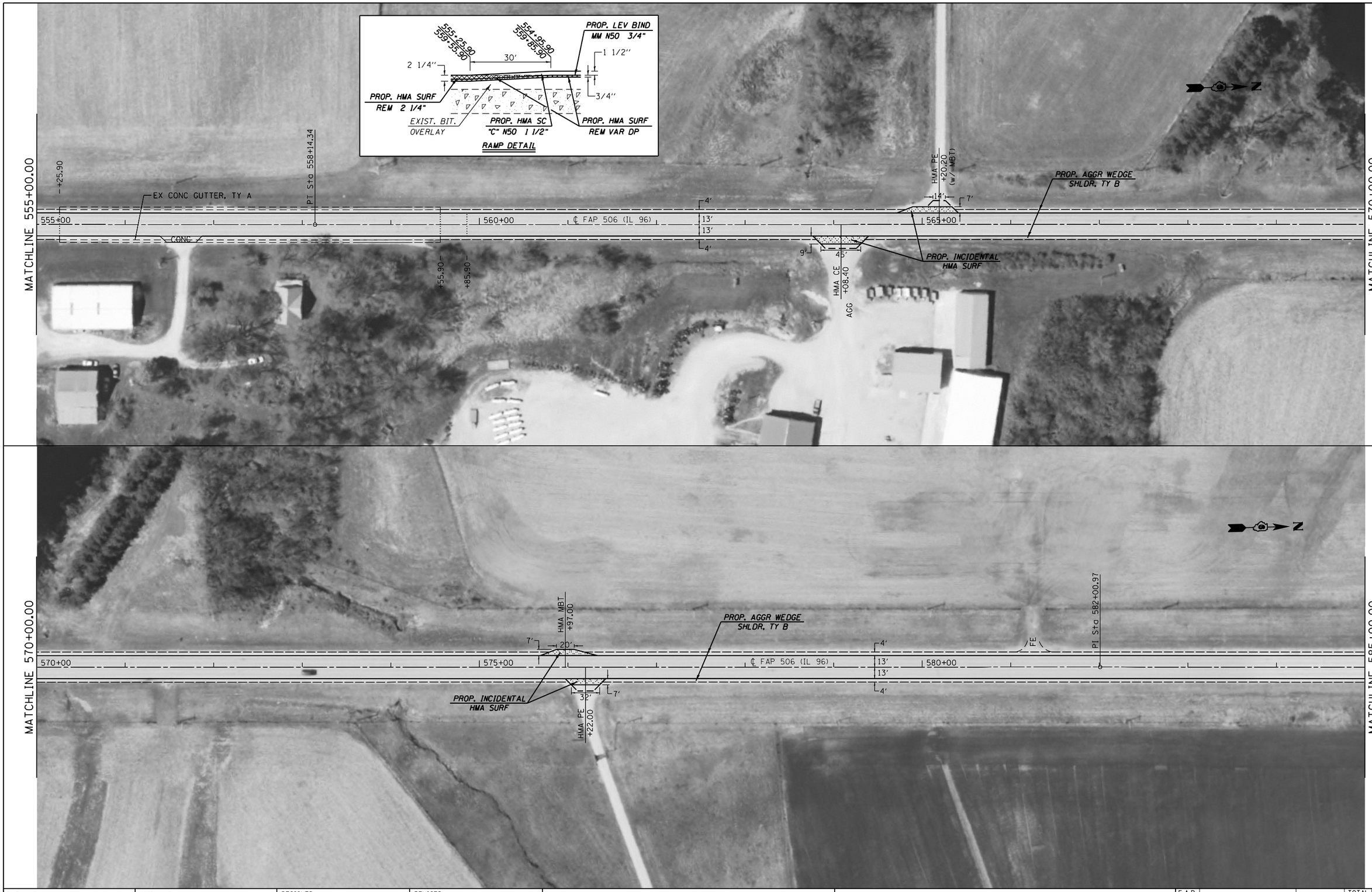
Default	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 3 OF 10 SHEETS | STA. 525+00.00 TO STA. 555+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	14
		CONTRACT NO. 72H38		
		ILLINOIS	FED. AID PROJECT	



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	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 4 OF 10 SHEETS | STA. 555+00.00 TO STA. 585+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	15
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 5 OF 10 SHEETS | STA. 585+00.00 TO STA. 615+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	16
		CONTRACT NO. 72H38		
		ILLINOIS	FED. AID PROJECT	

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	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 6 OF 10 SHEETS | STA. 615+00.00 TO STA. 645+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	17
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

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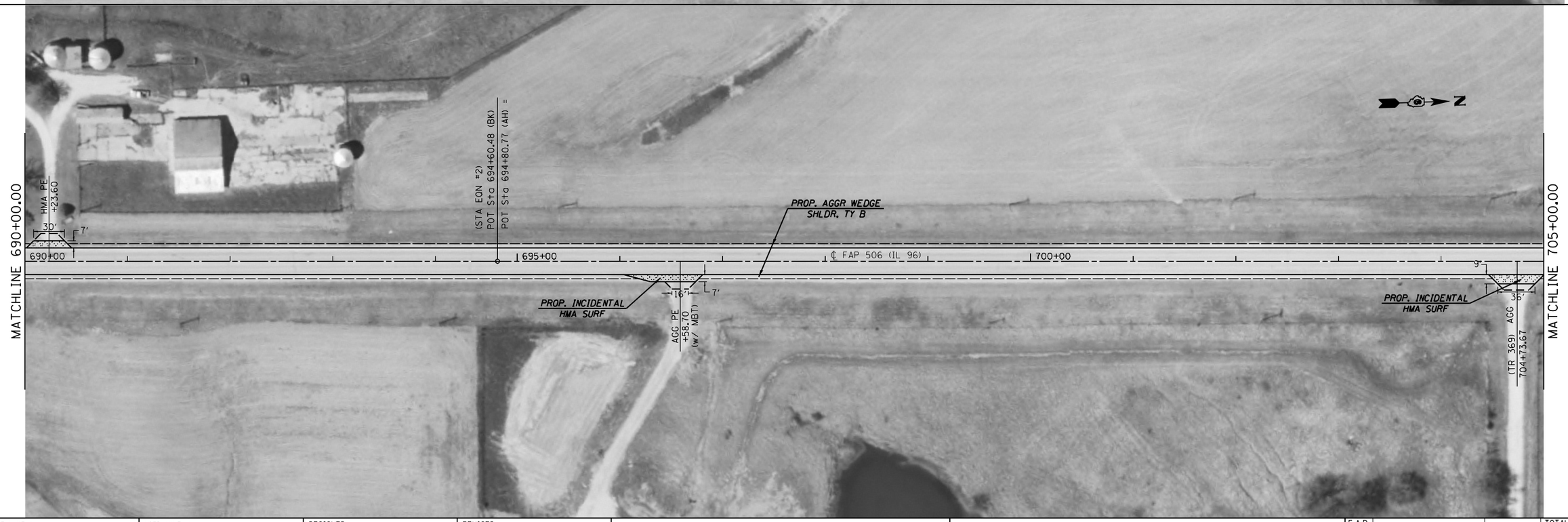
	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 7 OF 10 SHEETS | STA. 645+00.00 TO STA. 675+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	18
		CONTRACT NO. 72H38		
	ILLINOIS	FED. AID PROJECT		



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	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 8 OF 10 SHEETS | STA. 675+00.00 TO STA. 705+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	19
		CONTRACT NO. 72H38		
	ILLINOIS	FED. AID PROJECT		

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	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 | SHEET 9 OF 10 SHEETS | STA. 705+00.00 TO STA. 735+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	20
		CONTRACT NO. 72H38		
		ILLINOIS FED. AID PROJECT		

MATCHLINE 735+00.00

MATCHLINE 750+00.00

735+00

740+00

℄ FAP 506 (IL 96)

745+00

PROP. AGGR WEDGE SHLDR. TY B

4'

13'

13'

4'

FE

N

MATCHLINE 750+00.00

PROP. INCIDENTAL HMA SURF

HMA CE +60.20 AGG

9'

45'

HMA MBT +00.70

7'

20'

PROP. AGGR WEDGE SHLDR. TY B

HMA PE +78.40 (w/ MBT)

7'

16'

SECTION (125)RS-4 ENDS AT STA 759+50.00

750+00

℄ FAP 506 (IL 96)

755+00

760+00

4'

13'

13'

4'

PROP. INCIDENTAL HMA SURF

44'

9'

(CH 21/SUTTER RD) ℄ COUNTY HIGHWAY 21

758+64.94

O&C

+50.00

+65.00

+80.00

LIMITS OF IMPROVEMENT STA 759+80.00 PROP. BUTT JT

PC Sta 761+33.34

N

PROP. LEV BIND MM N50 3/4"

1 1/2"

3/4"

759+50.00

759+65.00

759+80.00

15'

15'

PAY LIMITS

PROP. HMA SURF REM - BUTT JT

1 1/2"

SAW CUT

EXIST. BIT. OVERLAY

PROP. HMA SURF REM VAR DP

PROP. HMA SC "C" N50 1 1/2"

BUTT JOINT DETAIL

PROP. SAW CUT SHALL BE INCLUDED IN THE COST FOR HMA SURF REM BUTT JT

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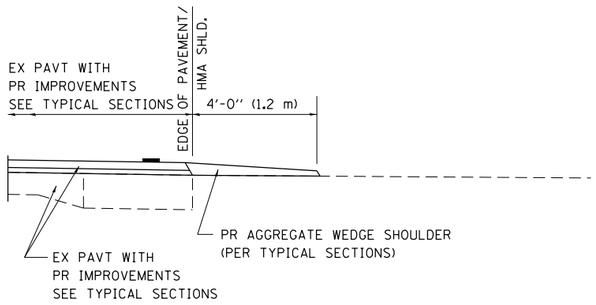
	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

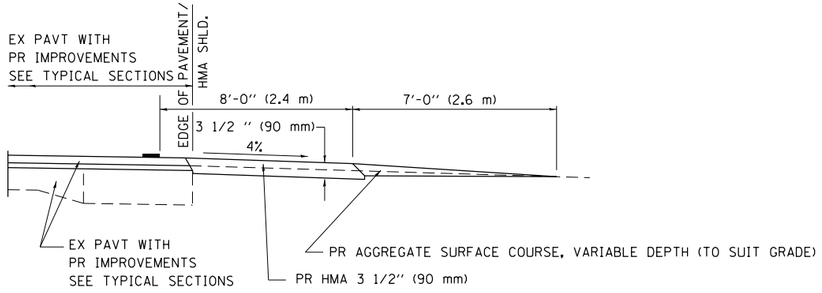
PLAN SHEETS

SCALE: 50 | SHEET 10 OF 10 SHEETS | STA. 735+00.00 TO STA. 765+00.00

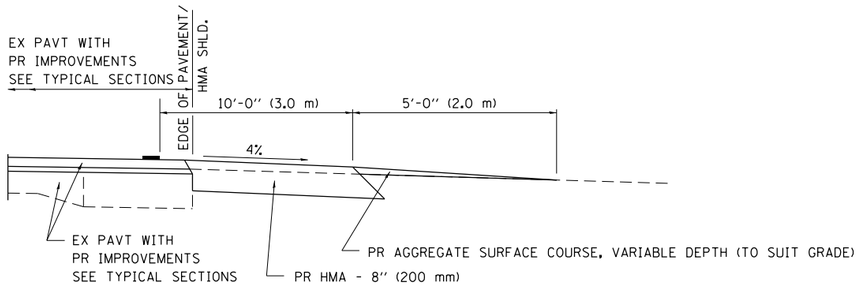
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	21
		CONTRACT NO. 72H38		
	ILLINOIS	FED. AID PROJECT		



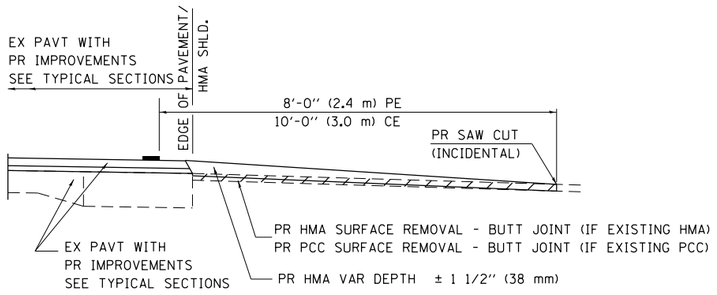
SECTION A-A FOR EX EARTH / AGGREGATE FE



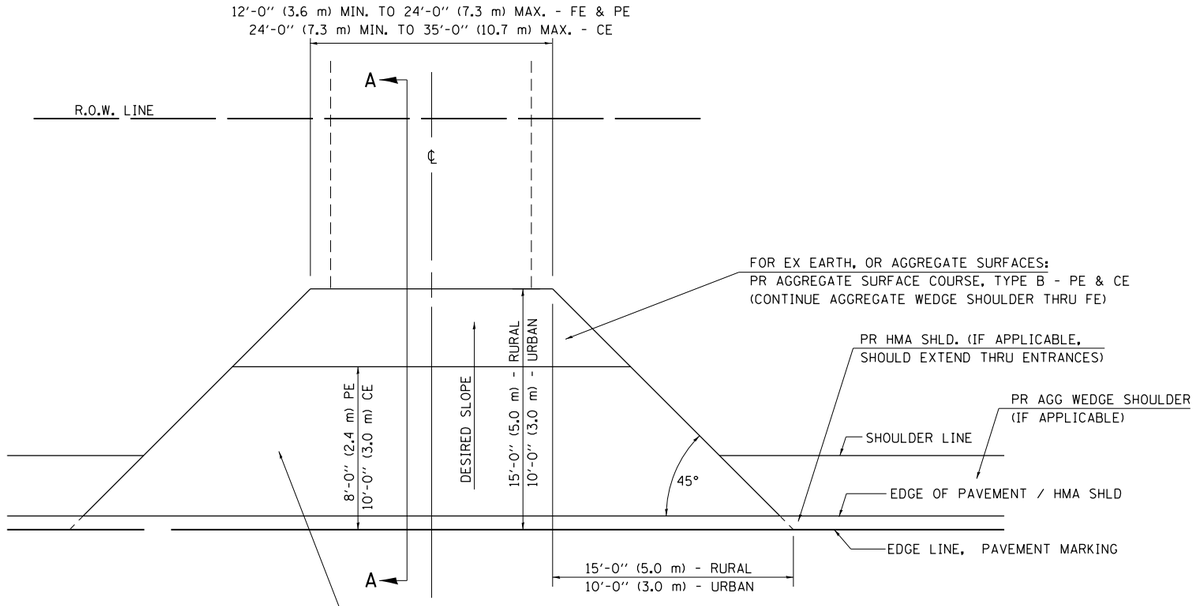
SECTION A-A FOR EX EARTH / AGGREGATE PE



SECTION A-A FOR EX EARTH / AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX HMA / PC CONCRETE PE, CE, & SIDE ROAD

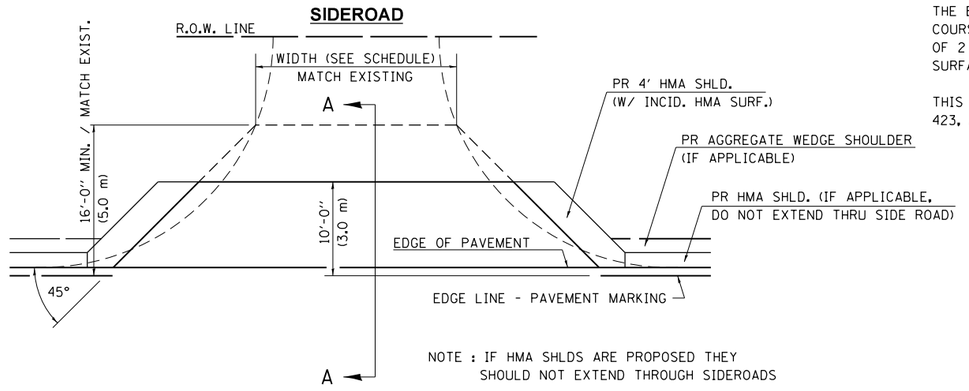


FOR EX EARTH OR AGGREGATE SURFACES:
PR HMA SURFACE REMOVAL (IF APPLICABLE)
PR AGGREGATE WEDGE SHOULDER THRU - FE
PR HMA CONCRETE 3 1/2 " (90 mm) - PE
PR HMA CONCRETE 8" (200 mm) - CE

FOR EX HMA CONCRETE SURFACES:
PR HMA SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
PR PCC SURFACE REMOVAL-BUTT JOINT

SIDEROAD



NOTE : IF HMA SHLDS ARE PROPOSED THEY
SHOULD NOT EXTEND THROUGH SIDEROADS

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS, AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT, THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS, AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423, AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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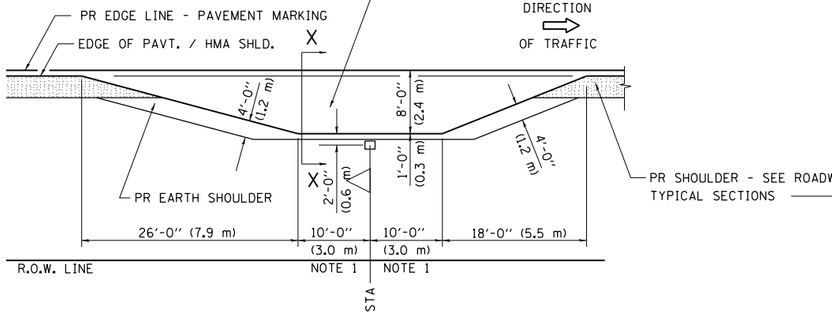
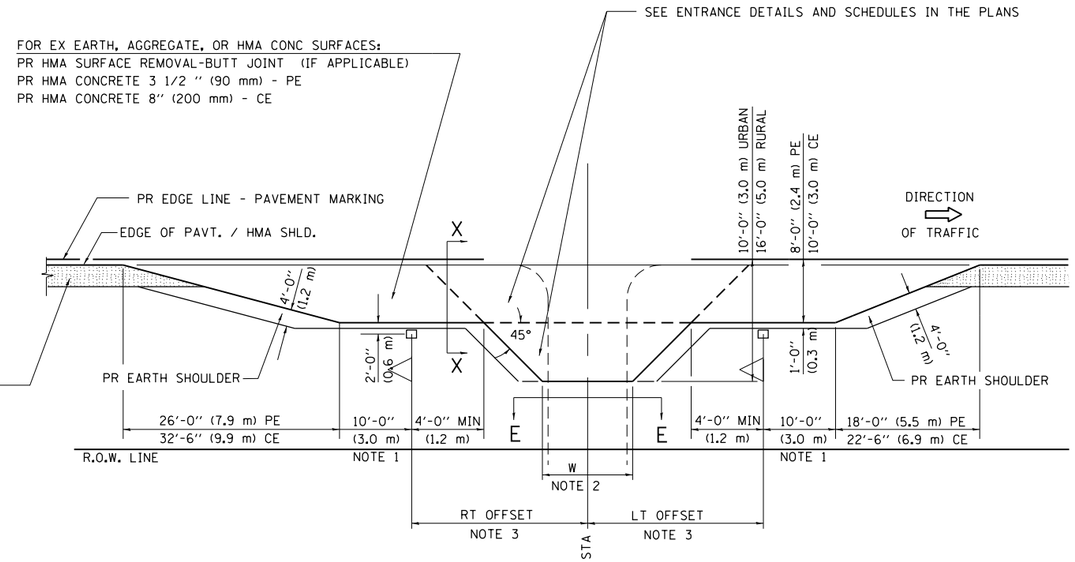
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JCN	REVISED - 4/01/04 JCN		
	PLOT DATE = 10/19/2015	DATE - FEBRUARY 23, 1999	REVISED -		SCALE: NTS SHEET 1 OF 2 SHEETS STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	22
		CONTRACT NO. 72H38		
	ILLINOIS FED. AID PROJECT			

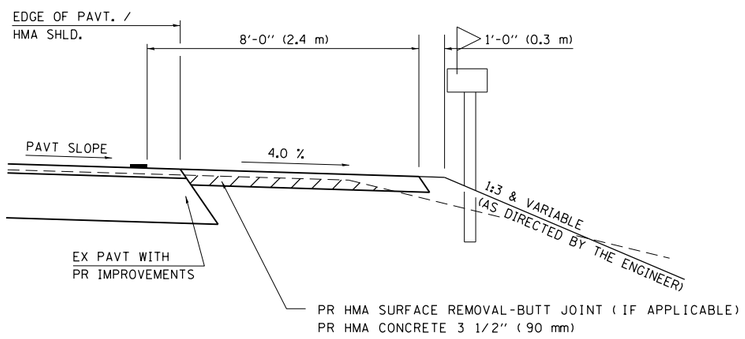
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

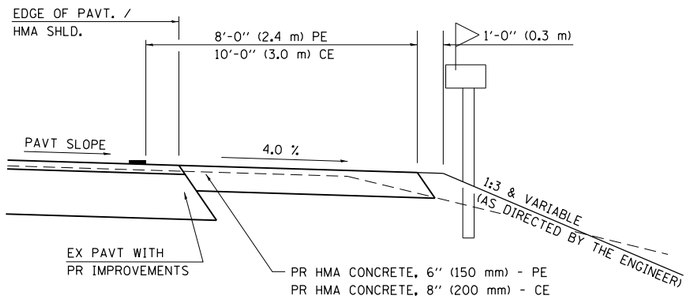


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR HMA PE & FE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST. IF EXISTING, TREAT SAME AS ENTRANCE.)



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA CONC & PC CONC PE & CE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST. IF EXISTING, TREAT SAME AS ENTRANCE.)

NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DRAWN - EAD	REVISED - 4/01/04	JCN
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JCN	REVISED -	
	PLOT DATE = 10/19/2015	DATE - FEBRUARY 23, 1999	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. 465+07.00 TO STA. 759+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(125)RS-4	HANCOCK	23	23
		CONTRACT NO. 72H38		
	ILLINOIS	FED. AID PROJECT		