

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
IMPROVEMENTS**

FAP 315 (US 136)
SECTION (28) RS-8, PP-2
RESURFACING

HANCOCK CO.

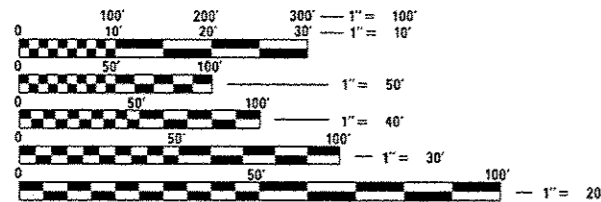
C-96-070-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28) RS-8, PP-2	HANCOCK	7	1
		ILLINOIS	CONTRACT NO. 72H93	

FOR INDEX OF SHEETS, SEE SHEET NO. 2



ADT (2013) = 6,200
SU = 200
MU = 400



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

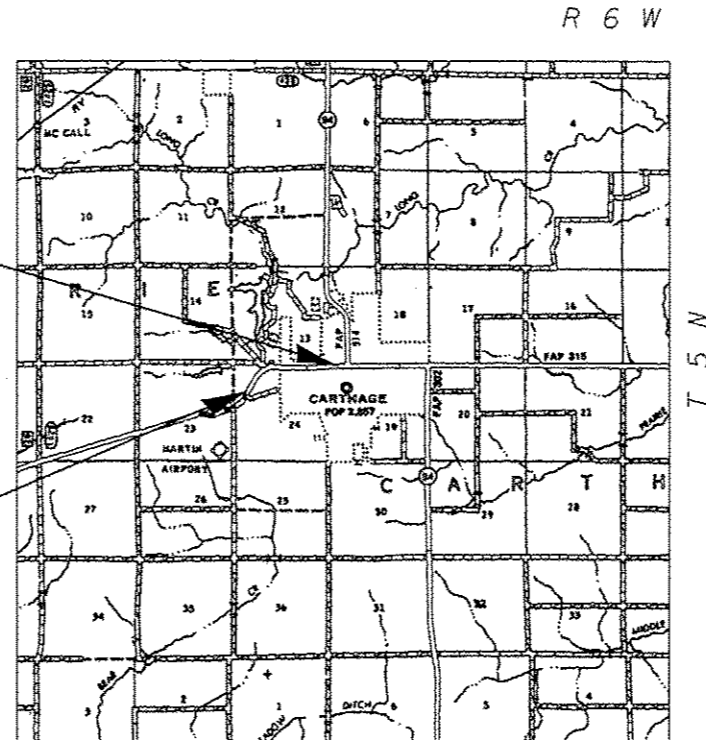
PROJECT ENGINEER: MIKE IRWIN
PROJECT MANAGER: TIMOTHY SHARP

CONTRACT NO. 72H93

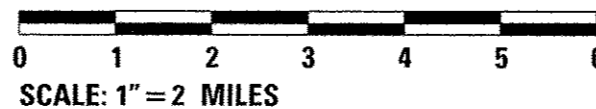
END PROJECT
STA. 68+00.00

STA. EQ. 646+01.90bk=46+19.90ah
STA. EQ. 636+84.59bk=636+86.67ah

BEGIN PROJECT
STA. 614+75



NET LENGTH OF SECTION - 5,304.92 FOOT=1.005 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 9, 2016
Rep. 2016
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 18, 2016
Marcus M. Addis, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

March 18, 2016
Ames Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

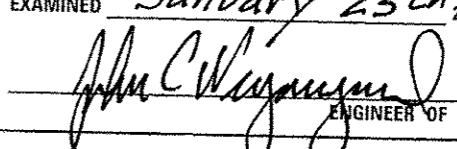


1. COVER
2. INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
4. PLANS
- 5-6. TYPICAL SECTIONS
7. SCHEDULES

HIGHWAY STANDARDS

- 442201-03 CLASS C AND D PATCHES
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482011-03 HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-06 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701901-05 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
2. PAVEMENT REMOVAL AND HOT-MIX ASPHALT BASE COURSE 9" ARE REQUIRED TO BE COMPLETED ON THE SAME DAY.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	<u>January 25th 20 16</u>  ENGINEER OF OPERATIONS
EXAMINED	<u>January 27 20 16</u>  ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED	<u>January 29 20 16</u>  ENGINEER OF PROGRAM DEVELOPMENT

CODE NO.	ITEM	UNIT	100% STATE		CONSTR. CODE
			TOTAL QUANTITY	RURAL	ROADWAY 0005
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SO YD	920	920	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9,059	9,059	
40600990	TEMPORARY RAMP	SO YD	181	181	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX D, NSO	TON	1,291	1,291	
44000100	PAVEMENT REMOVAL	SO YD	920	920	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	20,139	20,139	
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SO YD	205	205	
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SO YD	80	80	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SO YD	250	250	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	162	162	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	401	401	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	

CODE NO.	ITEM	UNIT	100% STATE		CONSTR. CODE
			TOTAL QUANTITY	RURAL	ROADWAY 0005
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,224	1,224	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	408	408	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SD FT	219	219	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	14,200	14,200	
70301000	WORK-ZONE PAVEMENT MARKING REMOVAL	SO FT	408	408	
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	4,020	4,020	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	10,180	10,180	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	219	219	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	130	130	
78300200	RAISED REFLECTIVE PAVMENT MARKER REMOVAL	EACH	130	130	

* SPECIALTY ITEM

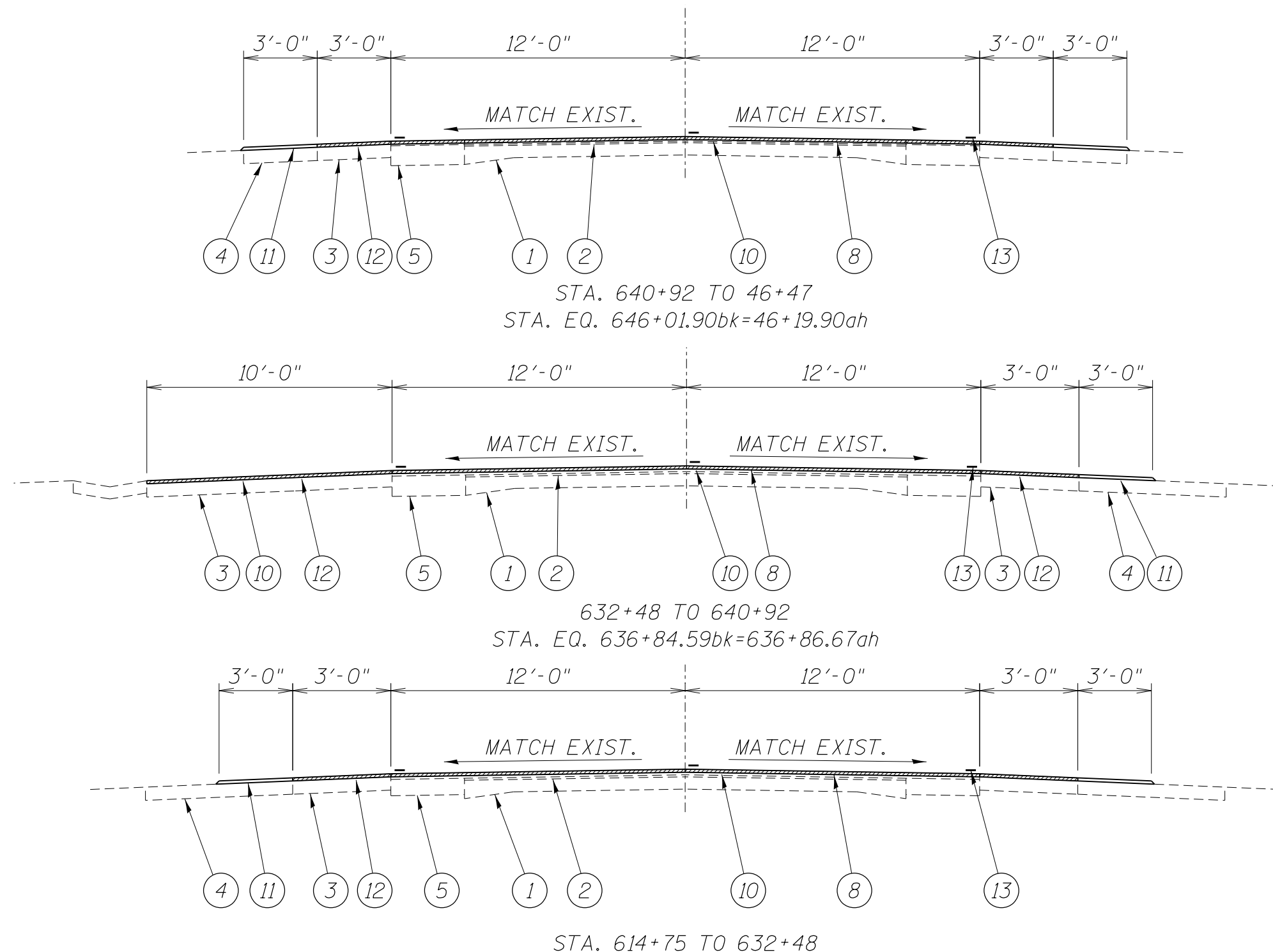
END PROJECT
STA. 68+00.00



BEGIN PROJECT
STA. 614+75

STA. EQ. 636+84.59bk = STA. 636+86.67ah
STA. EQ. 646+01.90bk = 46+19.90ah

FILE NAME =	USER NAME = Sharptd	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLANS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CONTRMAINT_CAD\72H93 - FAP 315 IUS 1361 - RESURFACE - HANCOCK\PLANS\0672Hxx-shd	DRAWN	REVISD -	REVISD -					315	(28) RS-8, PP-2	HANCOCK	7	4
Default	PLOT SCALE = 10.0000' / 1" =	CHECKED -	REVISD -		CONTRACT NO. 72H93			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/11/2016	DATE -	REVISD -		SCALE: _____	SHEET	OF	SHEETS	STA. _____	TO	STA. _____	

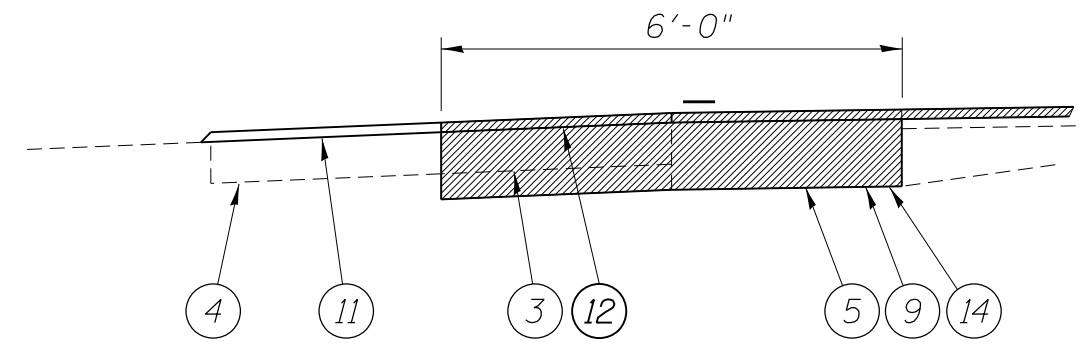
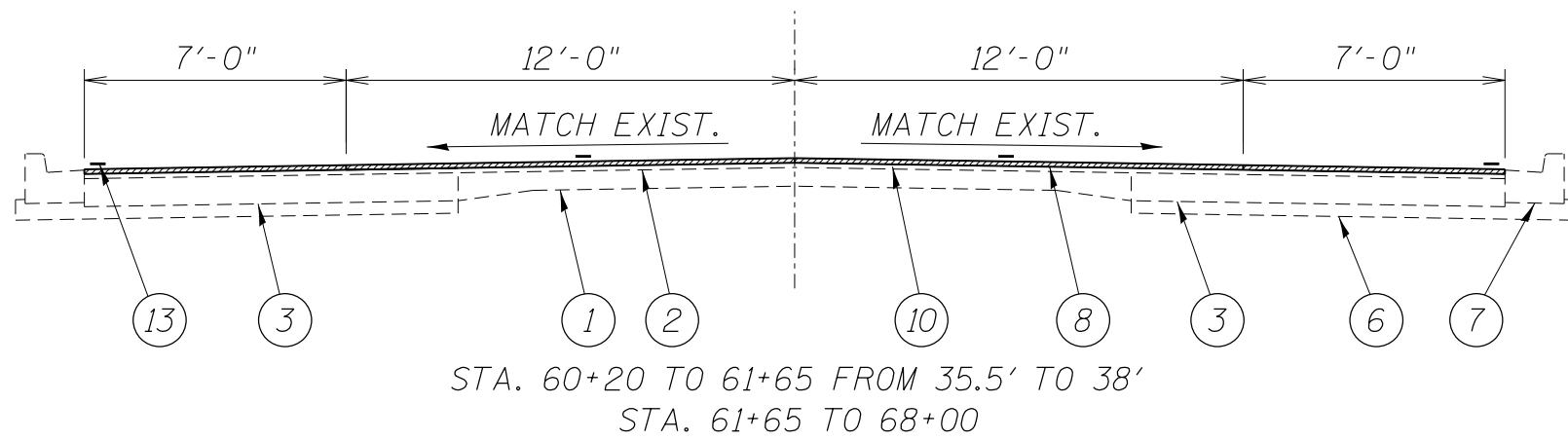


LEGEND

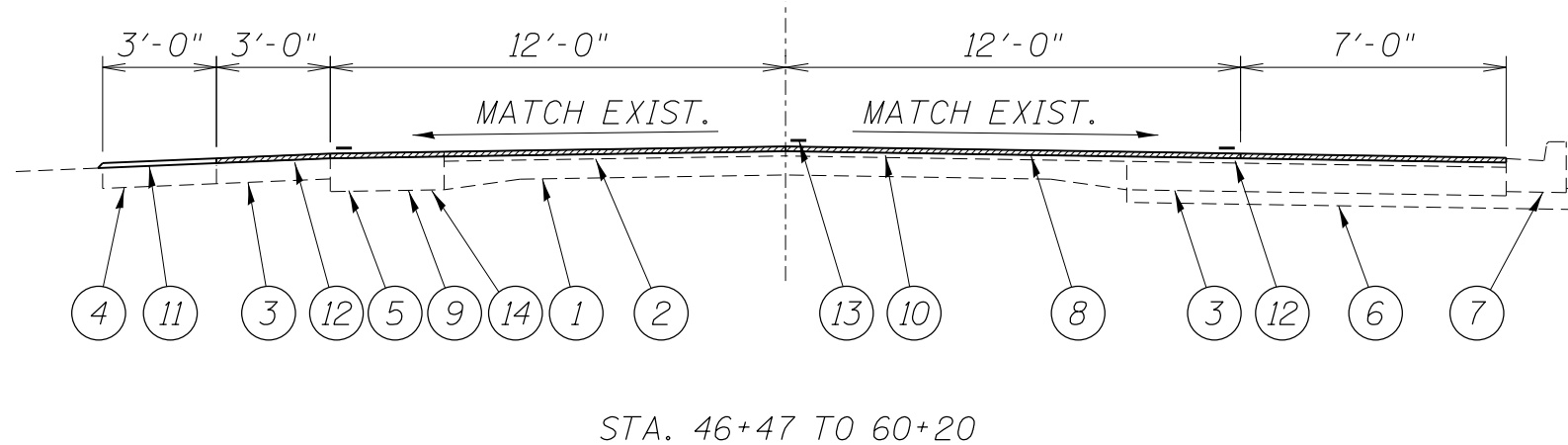
- | | |
|---|--|
| 1 - EXIST. 9-6-9 P.C.C. PAVEMENT | 9 - PROP. HOT-MIX ASPHALT BASE COURSE, 9" |
| 2 - EXIST. BITUMINOUS SURFACE VARIABLE DEPTH | 10 - PROP. HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" |
| 3 - EXIST. BITUMINOUS SHOULDERS 8" | 11 - PROP. AGGREGATE WEDGE SHOULDER, TYPE B |
| 4 - EXIST. AGGREGATE SHOULDER | 12 - PROP. HOT-MIX ASPHALT SHOULDER |
| 5 - EXIST. P.C.C. WIDENING 8" | 13 - PROP. PAVEMENT MARKING |
| 6 - EXIST. GRANULAR SUBGRADE | 14 - PROP. PAVEMENT REMOVAL LT. STA 46+20 TO 60+00 |
| 7 - EXIST. CURB AND GUTTER | |
| 8 - PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 1 1/2" | |

NOTES:
SEE SHEET 7 OF 7 FOR
PAVEMENT MARKING SCHEDULE

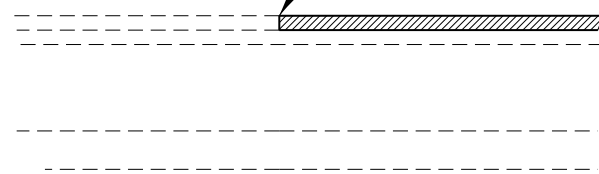
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S:\CONTRMAINT.CAD\72H93 - FAP 315 IUS 1361 - RESURFACE - HANCOCK\PLANS\0672Hxx-typicals	DRAWN	REVISED -	REVISED -					315	(28) RS-8, PP-2	HANCOCK	7	5
Default	PLOT SCALE = 5.0000' / 1"	CHECKED -	REVISED -		CONTRACT NO. 72H93							
	PLOT DATE = 2/11/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT



DETAIL LT. STA. 46+20 TO 60+00



1 1/2" SAW CUT INCLUDED IN COST OF BITUMINOUS SURFACE REMOVAL



STA. 614+75
STA. 68+00

LEGEND

- | | |
|---|--|
| 1 - EXIST. 9-6-9 P.C.C. PAVEMENT | 9 - PROP. HOT-MIX ASPHALT BASE COURSE, 9" |
| 2 - EXIST. BITUMINOUS SURFACE VARIABLE DEPTH | 10 - PROP. HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" |
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| 7 - EXIST. CURB AND GUTTER | |
| 8 - PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 1 1/2" | |

NOTES:
SEE SHEET 7 OF 7 FOR PAVEMENT MARKING SCHEDULE

FILE NAME =	USER NAME = Sharptd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\CONTRMAINT.CAD\72H93 - FAP 315 IUS 1361 - RESURFACE - HANCOCK\PLANS\0672Hxx-typicals	DRAWN -	REVISED -	315			(28) RS-2, PP-2	HANCOCK	7	6		
Default	PLOT SCALE = 5.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 72H93					
	PLOT DATE = 2/11/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: SHEET OF SHEETS STA. TO STA.											

PAVEMENT MARKING SCHEDULE						
STATION	TYPE	PAINT PVT MK LINE 5"		THERM PVT MK LINE 5"		PREF PLAS PVT MK LET & SYM - WHITE
		WHITE	YELLOW	WHITE	YELLOW	
LT & RT 614+75 TO 636+84.59bk 636+86.67ah TO 646+01.90bk 46+19.90ah TO 60+20	EDGE LINE	9,050 FT				
LT & RT 614+75 TO 636+84.59bk 636+86.67ah TO 646+01.90bk 46+19.90ah TO 60+20	SKIP DASH		1,130 FT			
639+10	BIKE CROSSING					
60+20 TO 61+65	TAPER 4 EA				580 FT	
61+65 TO 68+00	EDGE LINE			1,560 FT		
61+65 TO 68+00	BI-DIR TURN LN ARROWS					219 SQ FT
61+65 TO 68+00	BI-DIR TURN LN				1,560 FT	
61+65 TO 68+00	BI-DIR TURN LN SKIP DASH				320 FT	
TOTALS		9,050 FT	1,130 FT	1,560 FT	2,460 FT	219 SQ FT

NOTES:

1. STATIONS ARE APPROXIMATE.

MIXTURE REQUIREMENTS			
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT			
MIXTURE USE(S):	H.M.A. SURFACE	H.M.A. SHOULDER	H.M.A. BASE COURSE
PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMP:	IL 9.5	IL 9.5	IL 19.0
FRICTION AGG:	MIX "D"	MIX "C"	N/A
QUALITY MANAGEMENT:	QCP	QC/QA	QC/QA
SUBLOT SIZE:	1000 TONS	N/A	N/A