

04-22-2016 LETTING ITEM 074

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

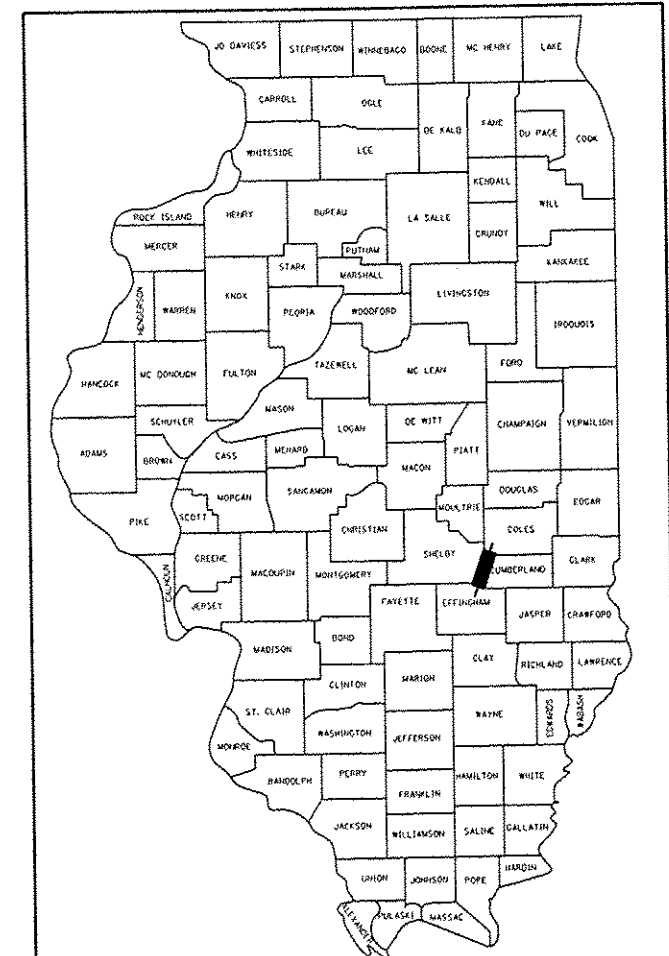
FAS 1652 (US 45)
SECTION D7 HMA SAFETY SHLD 2017-1
PROJECT ACHSIP - 1652 (050)
SAFETY SHOULDER
SHELBY & CUMBERLAND COUNTIES

C-97-007-16

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1652	*	SHELBY&CUMB	5	1
		ILLINOIS	CONTRACT NO. 74742	

* D7 HMA SAFETY SHLD 2017-1

D-97-005-16

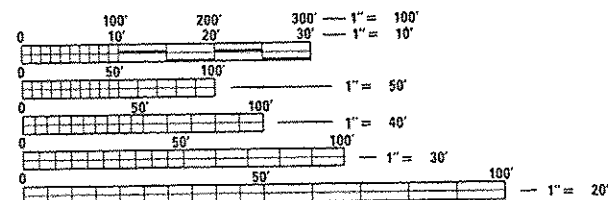


LOCATION OF SECTION INDICATED THUS:

PROJECT ENDS
STA 771+40 (11th ST.)

SHELBY/CUMBERLAND COUNTY LINE
STA 594+47

PROJECT BEGINS
STA 341+16 (CO. LINE)



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: MARK DAUGHERTY
PROJECT MANAGER: BRIAN BIERMAN

CONTRACT NO. 74742

GROSS LENGTH = 43,011 FT. = 8.15 MILE
NET LENGTH = 43,011 FT. = 8.15 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED January 27, 2016
Roger L. Dardell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 18, 2016
Maureen M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
March 18, 2016
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT ITEMS.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

THE MATERIAL EXCAVATED FOR THE CONSTRUCTION OF THE HMA SHOULDERS SHALL BE REMOVED FROM THE PROJECT ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THE REMOVAL OF THE EXCAVATED MATERIAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT FOR EXCAVATING AND GRADING EXISTING SHOULDER.

OMIT HMA SHOULDER FROM SIDE ROADS CONSTRUCTED OF OIL AND CHIP OR HMA.

OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE AND COMMERCIAL ENTRANCES AT RADIUS RETURNS. OMIT RUMBLE STRIPS AT MAILBOX TURNOUTS 60' BOTH SIDES OF THE MAILBOX OR AS DETERMINED BY THE ENGINEER. RUMBLE STRIPS SHALL NOT BE OMITTED ON FIELD ENTRANCES.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	HMA SHOULDERS, 8" (TOP LIFT)
APPLICATION:	HOT-MIX ASPHALT SHOULDERS (2")
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4% @ NDESIGN = 30
MIXTURE COMPOSITION:	IL-9, SL
FRICTION AGGREGATE:	N/A

MIXTURE USE:	HMA SHOULDERS, 8" (BOTTOM LIFT)
APPLICATION:	HOT-MIX ASPHALT SHOULDERS (6")
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4% @ NDESIGN = 30
MIXTURE COMPOSITION:	IL 19.0L
FRICTION AGGREGATE:	N/A

INDEX OF SHEETS

<u>SHEET NO</u>	<u>TITLE</u>
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTION
5	SCHEDULE OF QUANTITIES

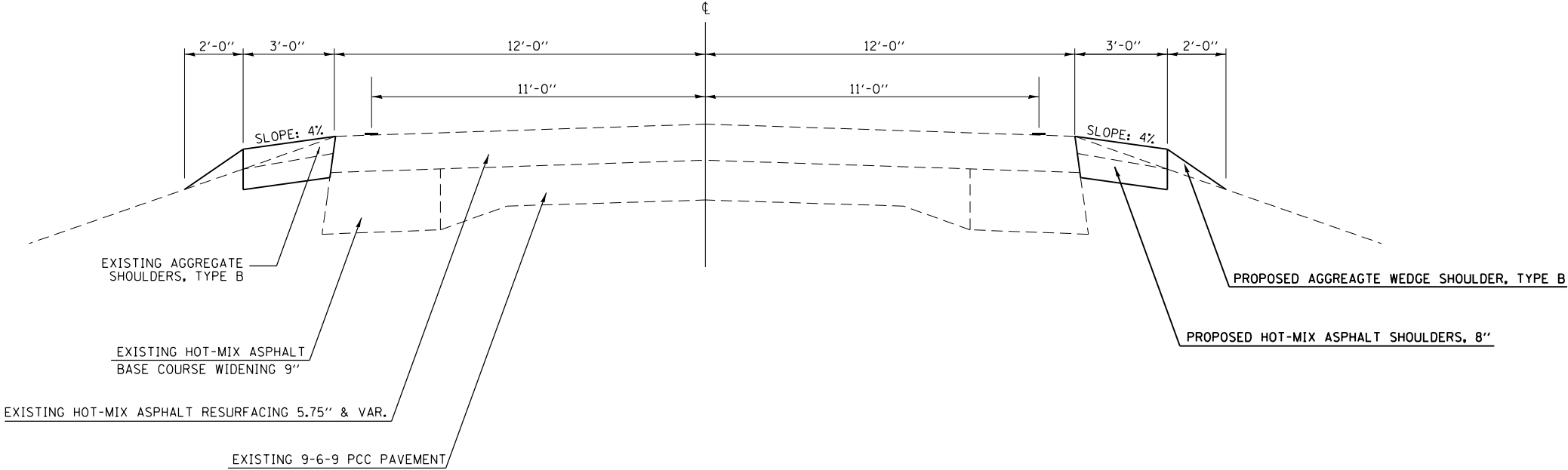
THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE
LAST NUMBERED SHEET OF THE PLANS.

STANDARD NO.	DESCRIPTION
--------------	-------------

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
642006	SHOULDER RUMBLE STRIPS, 8 in.
701011-04	OFF-ROD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS $\geq$ 45 MPH
701901-05	TRAFFIC CONTROL DEVICES

• 07 HMA SAFETY SHLD 2017-1														
FILE NAME =	USER NAME = steffennh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & INDEX OF SHEETS					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pub\N\084EBID\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 7\Projects\747408\408\1\CDR\sheet\0774742-shr-gennote		REVISOR -	REVISOR -		1652	*	SHELBY & CLUMB	5	2					
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74742									
PLOT DATE = 1/29/2016	DATE	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

TYPICAL CROSS SECTION



FILE NAME =				USER NAME = steffenmk				DESIGNED -				REVISED -				DRAWN -				CHECKED -				REVISD -				PLOT DATE = 1/29/2016				DATE -			
pw:\IL\084EBID\TEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74742\Drawings\CAD\Drawings\0774742-shr-typical.dwg				PROJECT = 1652				SECTION =				COUNTY =				TOTAL SHEETS = 5				SHEET NO. = 4				CONTRACT NO. 74742				ILLINOIS FED. AID PROJECT				SCALE: 1" = 40'			
Default				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				TYPICAL SECTION				SHEET OF SHEETS				STA. TO STA.				SCALE: 1" = 40'				ILLINOIS FED. AID PROJECT				CONTRACT NO. 74742				SCALE: 1" = 40'			

SHOULDER SCHEDULE

STATION TO STATION			SIDE	LENGTH	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS, 8 INCH
				FEET				
341+16	TO	377+50	LT & RT	3634	67	174	2237	6885
377+50	TO	380+28	LT & RT	278	3	7	93	278
380+28	TO	400+85	LT & RT	2057	-	-	-	-
400+85	TO	594+47	LT & RT	19349	383	958	12750	38084
SHELBY COUNTY TOTALS					= 452	1139	15080	45247
SHELBY/CUMBERLAND COUNTY LINE								
594+47	TO	735+33	LT & RT	14086	278	685	9273	27215
735+33	TO	753+25	LT & RT	1792	-	-	-	-
753+25	TO	771+40	LT & RT	1815	18	46	605	1815
CUMBERLAND COUNTY TOTALS					= 296	731	9878	29030
PROJECT TOTALS					= 748	1870	24958	74277

NOTE: EXCAVATE AND PLACE NEW HMA SHOULDERS, 8" AT ALL NON-CONCRETE EXISTING ENTRANCES AND MAILBOX TURNOUTS OUTSIDE OF THE BELOW OMISSION LIMITS.

POINTS OF REFERENCE:	<u>STATION</u>	<u>LOCATION</u>
	341+16	EFFINGHAM/SHELBY CO. LINE
	377+50	JUST NORTH OF OAK ST. (SIGEL)
	380+28	JUST SOUTH OF HARRISON ST. (SIGEL)
	400+85	JUST NORTH OF COUNTY ROAD 23 (SIGEL ROAD)
	594+47	SHELBY/CUMBERLAND CO. LINE
	735+33	JUST SOUTH OF RAILROAD CROSSING
	753+25	JUST NORTH OF 7TH ST. (NEOGA)
	771+40	JUST SOUTH OF 11TH ST. (NEOGA)

HMA SHOULDER, AGGREGATE SHOULDER AND RUMBLE STRIP OMISSIONS:

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>SIDE</u>
377+50	TO	400+85	LT
380+28	TO	401+11	RT
735+33	TO	753+25	LT
735+33	TO	771+40	RT

HMA SHOULDER OMISSIONS ONLY:

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>SIDE</u>
373+40	TO	377+50	LT

HMA SHOULDER OMISSIONS ONLY:

- D7 HMA SAFETY SHLD 2017-1

FILE NAME =	USER NAME = steffemk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\7472\Drawings\CAD\Sheets\0774742-sht-schedule.dwg	DRAWN	REVIS	REVIS							1652	.	SHELBY&CUMB.	5	5
Default	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 74742									
	PLOT DATE = 1/29/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			