


SUMMARY OF QUANTITIES				TYPE CODE					
				IL-56 DUPAGE	IL-56 DUPAGE	IL-56 DUPAGE			
				ROADWAY	ROADWAY	TRAFFIC			
				80% FED 20% STATE	100% STATE	80% FED 20% STATE			
Code No.	Item	Unit	Total Quantity	0005	0005	0021			
20200100	EARTH EXCAVATION	CU YD	5	5					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	40	40					
25200110	SODDING, SALT TOLERANT	SQ YD	40	40					
25200200	SUPPLEMENTAL WATERING	UNIT	0.2	0.2					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	140338	140338					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	116529	116529					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	469	469					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1309	1309					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	7484	7484					
40605036	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80	TON	27446	27446					
42001300	PROTECTIVE COAT	SQ YD	40	40					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	380	380					
42400800	DETECTABLE WARNINGS	SQ FT	90	90					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	311861	311861					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	155	155					
44000600	SIDEWALK REMOVAL	SQ FT	380	380					
44003100	MEDIAN REMOVAL	SQ FT	90	90					
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	750	750					
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	450	450					
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	305	305					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	867	867					

SUMMARY OF QUANTITIES				TYPE CODE					
				IL-56 DUPAGE	IL-56 DUPAGE	IL-56 DUPAGE			
				ROADWAY	ROADWAY	TRAFFIC			
				80% FED 20% STATE	100% STATE	80% FED 20% STATE			
Code No.	Item	Unit	Total Quantity	0005	0005	0021			
60262700	INLETS TO BE RECONSTRUCTED	EACH	2	2					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	4	4					
60404800	FRAMES AND GRATES, TYPE 11	EACH	2	2					
60404850	FRAMES AND GRATES, TYPE 24	EACH	2	2					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	75	75					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	80	80					
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	90	90					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	25	25					
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1					
* 63200310	GUARDRAIL REMOVAL	FOOT	25	25					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5	5					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12					
67100100	MOBILIZATION	L SUM	1	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1					

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REVISIONS:  REVISED SHEET 12/18/2024  
 \* = SPECIALITY ITEM  
 Δ = NON-PARTICIPATING WORK (100% STATE)

USER NAME = mohammad.hamwi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

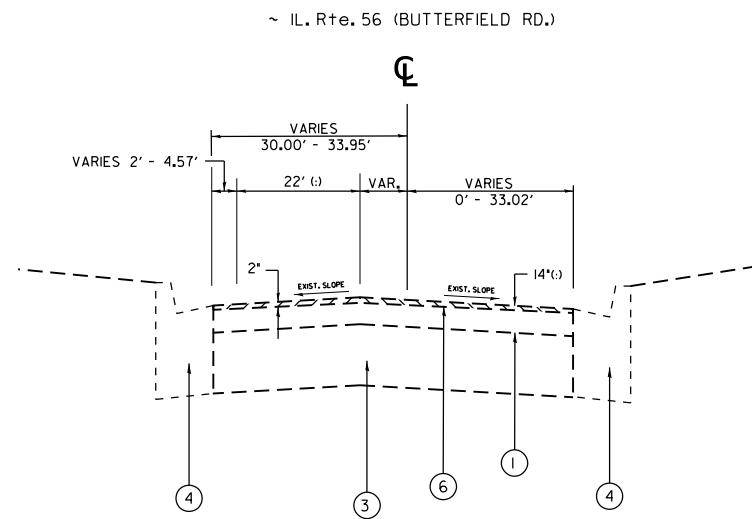
**SUMMARY OF QUANTITIES**  
**IL 56 FROM 0.4 MI W OF IL 59 TO EAST OF NAPERVILLE RD**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	FAP 0365 22 RS	DUPAGE	41	3
CONTRACT NO. 62T21			ILLINOIS FED. AID PROJECT	

LEGEND

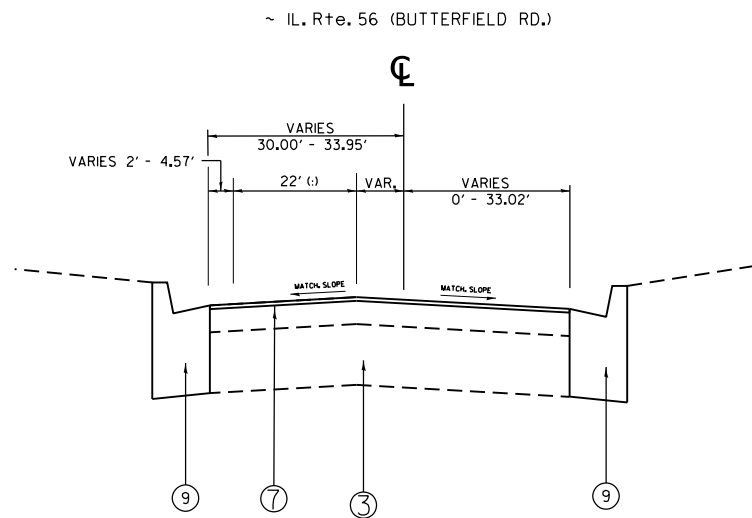
- ① EXIST. HOT-MIX ASPHALT PAVEMENT, 14"
- ② EXIST. HOT-MIX ASPHALT SHOULDERS, 14"
- ③ AGGREGATE SUBGRADE 12"
- ④ EXIST. CONCRETE CURB AND GUTTER
- ⑤ EXIST. AGGREGATE WEDGE SHOULDER
- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL - 2"
- ⑦ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA MIX "F", 12.5, N80, 2"
- ⑧ HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- ⑨ PROP. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER)
- ⑩ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑪ PROP. GRADING AND SHAPING SHOULDERS



EXISTING TYPICAL SECTION  
IL. RTE. 56 (BUTTERFIELD RD.)

STATION:  
15+62 TO 18+93

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQYD/IN.
2. 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 RECLAIMED MATERIALS SPECIFICATIONS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILL SURFACE.
4. THE CONTRACTOR SHALL MILL BEFORE PATCHING.



PROPOSED TYPICAL SECTION  
IL. RTE. 56 (BUTTERFIELD RD.)

STATION:  
15+62 TO 18+93

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)	MTD REQUIRED? (YES/NO)
MIXTURE TYPE	AIR VOIDS @ Ndesign		
<b>PAVEMENT RESURFACING</b>			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA MIX "F", IL-12.5, N80, 2"	3.5% @ 80 GYR	PFP	YES
<b>PATCHING</b>			
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/QA	NO
<b>SHOULDER &amp; INTERMITTENT SECTIONS (SEE PLANS)</b>			
HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYR	QCP	NO
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)			



MODEL: TYPICAL-1 (Sheet)  
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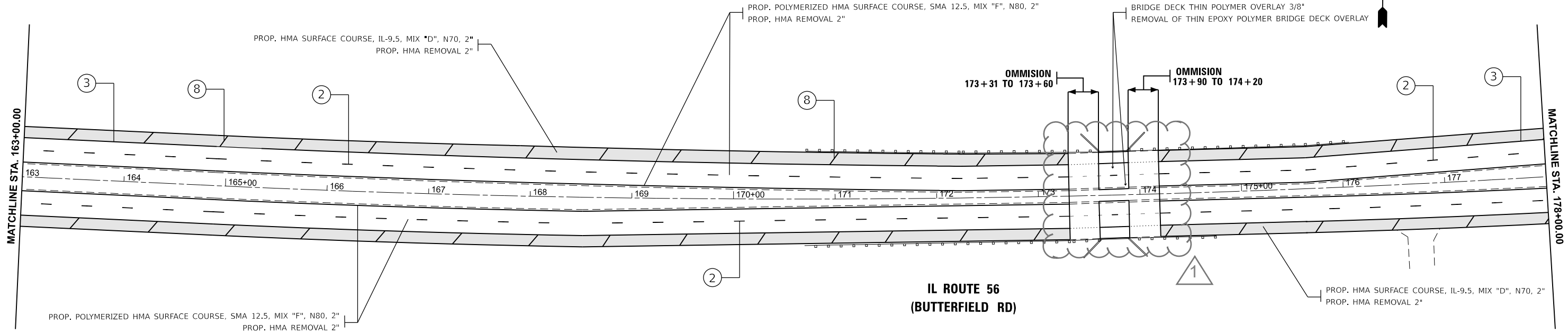
REVISD SHEET 12/18/2024

USER NAME = mohammad.hamwi	DESIGNED -	REVISED - M.HAMWI 12/13/2024
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

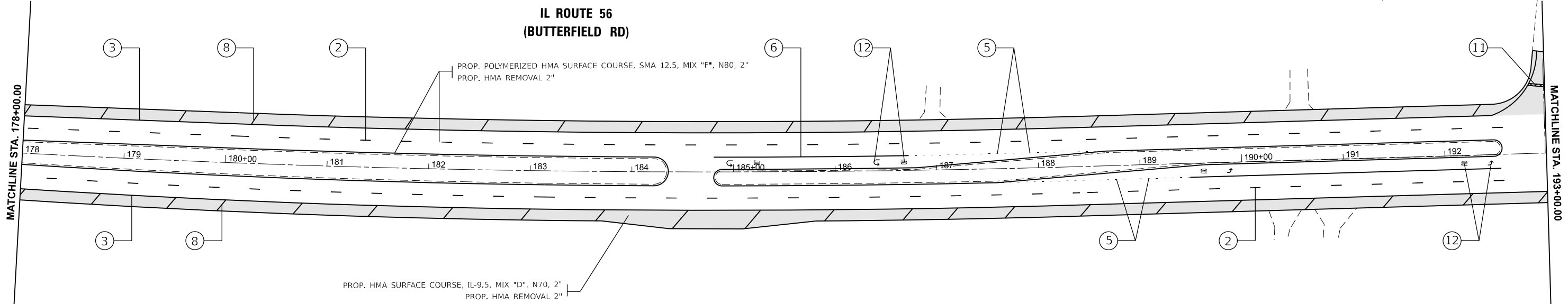
EXISTING AND PROPOSED TYPICAL SECTION IL 56 FROM 0.4 MI W OF IL 59 TO EAST OF NAPERVILLE RD			
SCALE:	SHEET	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0365	FAP 0365 22 RS	DUPAGE	41	5
CONTRACT NO. 62T21				
ILLINOIS FED. AID PROJECT				



**IL ROUTE 56  
(BUTTERFIELD RD)**

PAVEMENT MARKING LEGEND		
① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID EDGE LINE YELLOW (TYP.)	⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SKIP DASH, WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)	⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL 45° @ 150' C-C (MINIMUM 5) YELLOW (TYP.)
② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH, 10' DASH-30" WHITE (TYP.)	⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID, WHITE TURN LANE (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL 45° @ 150' C-C (MINIMUM 5) WHITE (TYP.)
③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID EDGE LINE WHITE (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" GORE MARKING AND CHANNELIZING LINES WHITE (TYP.)	⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID STOP LINES, WHITE (TYP.)
④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL 45° @ 10' OR LESS LINE WHITE (TYP.)	⑫ PROP. THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS WHITE (TYP.)
		⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" LINE WHITE (TYP.)



**IL ROUTE 56  
(BUTTERFIELD RD)**

RESURFACING LEGEND	
	= PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"

MODEL: IL 56 - IL 66 (Sheet)  
FILE NAME: c:\pwworking\hmm\m\09248301D\26722-shh-plan.dgn

USER NAME = mohammad.hamwi	DESIGNED -	REVISED - M.HAMWI 12/13/2024
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/17/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
IL 56 FROM 0.4 MI W OF IL 59 TO EAST OF NAPERVILLE RD			
SCALE: 1"=50'	SHEET OF 12 SHEETS	STA. 163+00.00	TO STA. 193+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	FAP 0365 22 RS	DUPAGE	41	15
CONTRACT NO. 62T21				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 12/18/2024