

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	I 000 - 2A 100% STATE
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	294.00	294.00
△ 40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	21.50	21.50
40600300	AGGREGATE (PRIME COAT)	TON	57.00	57.00
40600555	LEVELING BINDER (HAND METHOD), N105	TON	208.10	208.10
△ 40600655	LEVELING BINDER (MACHINE METHOD), N105	TON	2,144.00	2,144.00
40600895	CONSTRUCTING TEST STRIP	EACH	1.00	1.00
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	432.00	432.00
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	134.00	134.00
40600990	TEMPORARY RAMP	SQ YD	2,173.00	2,173.00 △
△ 40603375	HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	3,441.0	3,441.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	4,879.00	4,879.00
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SQ YD	100.00	100.00
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SQ YD	331.00	331.00
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1.00	1.00
64200105	SHOULDER RUMBLE STRIP	FOOT	13,245.00	13,245.00
67100100	MOBILIZATION	L SUM	1.00	1.00
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	7.00	7.00

△ REVISED 7-23-08

FILE NAME = P:\1-00 resur-favr.dgn	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					80	*	ROCK ISLAND	31	3
		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 64D34				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

# GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 4.6 m (15 feet). When patch spacing is less than 4.6 m (15 feet), the pavement between patches shall also be removed and replaced.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1-1/2 inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	SURFACE	LEVEL BINDER	Partial Depth Patch
PG:	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0% @ N105	4.0% @ N105	4.0% @ N105
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	IL 19.0
Friction Aggregate	E	N/A	D
20 Year ESAL	37.7	37.7	37.7

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

Install rumble strips in all shoulders in accordance with State Standard 642001. Rumble Strips shall be placed on shoulders on both sides of the pavement.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

Work on this project will be in progress at the same time as work on two adjacent projects (see Provisions). Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

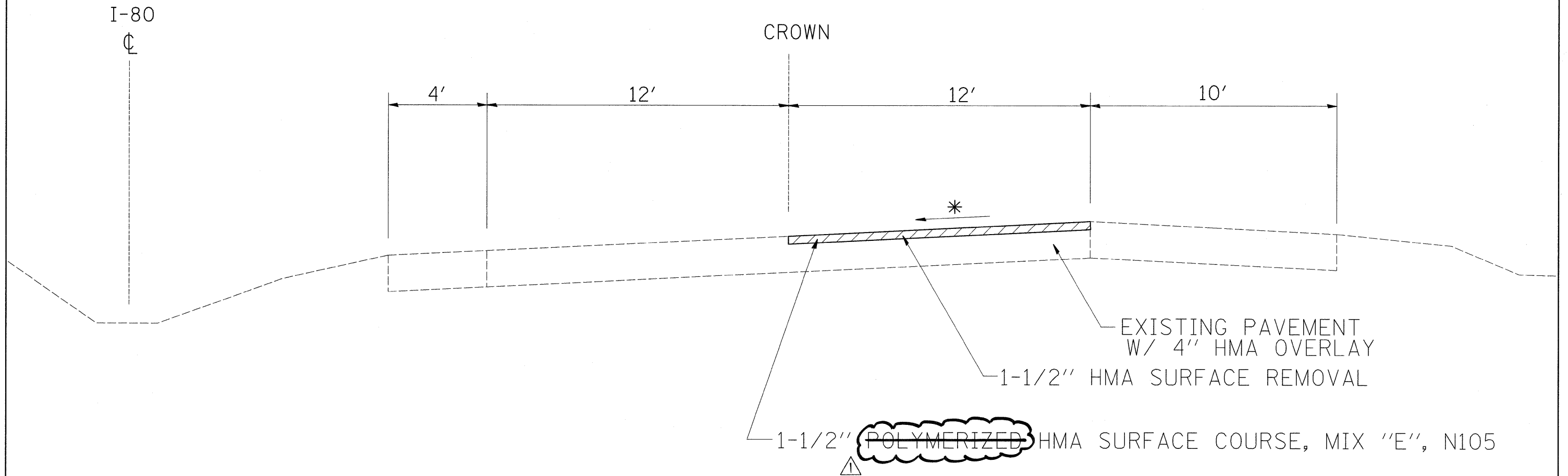
CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

▲ REVISED 7-23-08

FILE NAME = PA-88 resurfcevdgn	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.T. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 5
PLOT SCALE = 50,000' / IN.		CHECKED -	REVISIED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64D34				
PLOT DATE = Tue May 13 14:15:46 2008		DATE -	REVISIED -			ILLINOIS FED. AID PROJECT				

# TYPICAL SECTION

STA 59+48 TO 89+25



EXISTING PAVEMENT  
W/ 4" HMA OVERLAY

1-1/2" HMA SURFACE REMOVAL

1-1/2" ~~POLYMERIZED~~ HMA SURFACE COURSE, MIX "E", N105

## BITUMINOUS APPLICATION RATES

SURFACE MIXTURES: 119 LB/SY-IN

OTHER BITUMINOUS MIXTURES: 112 LB/SY-IN

BITUMINOUS MATERIAL (PRIME COAT): 0.000286 TON/SY

AGGREGATE (PRIME COAT): 0.0015 TON/SY

\* MAINTAIN EXISTING X-SLOPE

△ REVISED 7-23-08

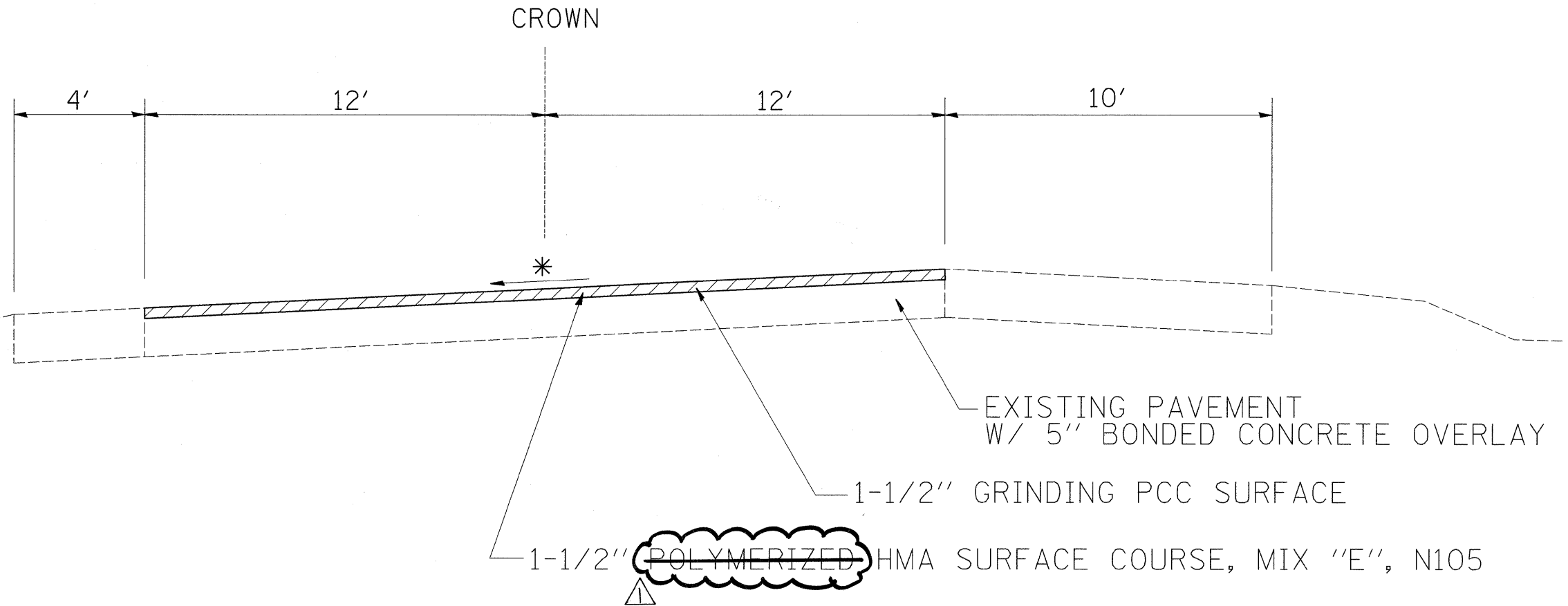
\* D2 SPRING PATCHING 2007-2

FILE NAME = Pr1-80 resurf.cvr.dgn	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 6
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64D34		
	PLOT DATE = Thu May 15 11:03:20 2008	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										

# TYPICAL SECTION

STA 89+25 TO 92+00

I-80  
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## BITUMINOUS APPLICATION RATES

SURFACE MIXTURES: 119 LB/SY-IN  
 OTHER BITUMINOUS MIXTURES: 112 LB/SY-IN  
 BITUMINOUS MATERIAL (PRIME COAT): 0.000286 TON/SY  
 AGGREGATE (PRIME COAT): 0.0015 TON/SY

\* MAINTAIN EXISTING X-SLOPE  
 X-SLOPE DESIRED 3/16 "/FT. MINIMUM 1/8 "/FT.

⚠ REVISÉD 7-23-08

\* D2 SPRING PATCHING 2007-2

FILE NAME = P:\1-08 resurf.dgn	USER NAME = grantpm	DESIGNED -	REVISÉD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 7
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISÉD -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64D34		
	PLOT DATE = Thu May 15 11:03:28 2008	CHECKED -	REVISÉD -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE -	REVISÉD -										

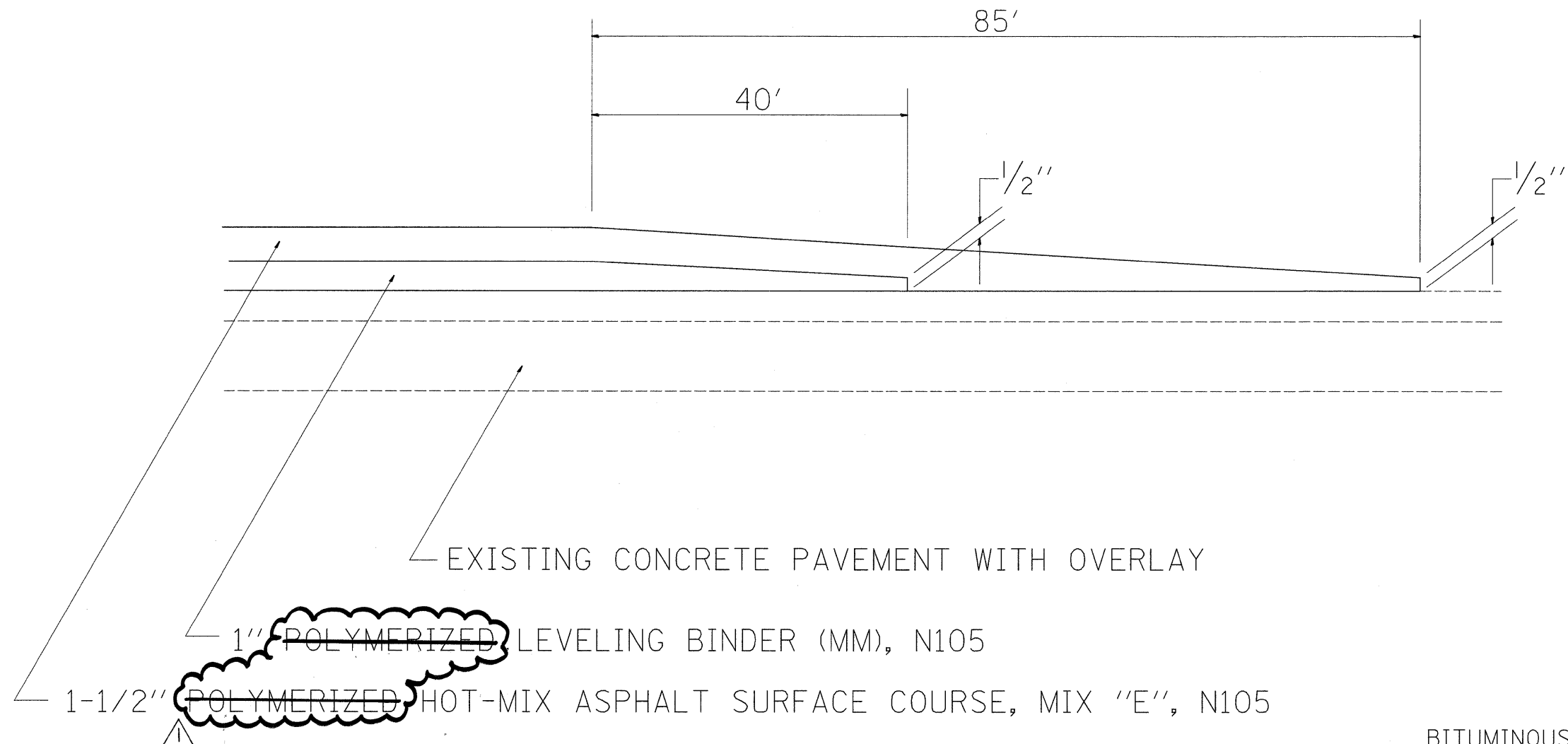




# TYPICAL TAPER

STA 130+49.24 TO 131+35.67

(WEIGH SCALE EXIT)



EXISTING CONCRETE PAVEMENT WITH OVERLAY

1" POLYMERIZED LEVELING BINDER (MM), N105

1-1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105

## BITUMINOUS APPLICATION RATES

SURFACE MIXTURES: 119 LB/SY-IN

OTHER BITUMINOUS MIXTURES: 112 LB/SY-IN

BITUMINOUS MATERIAL (PRIME COAT): 0.000286 TON/SY

AGGREGATE (PRIME COAT): 0.0015 TON/SY

△ REVISIED 7-23-08

• D2 SPRING PATCHING 2007-2

FILE NAME = P:\1-08 resurf.dgn	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 10
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISIED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64D34		
	PLOT DATE = Thu May 15 11:03:28 2008	CHECKED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE -	REVISIED -										

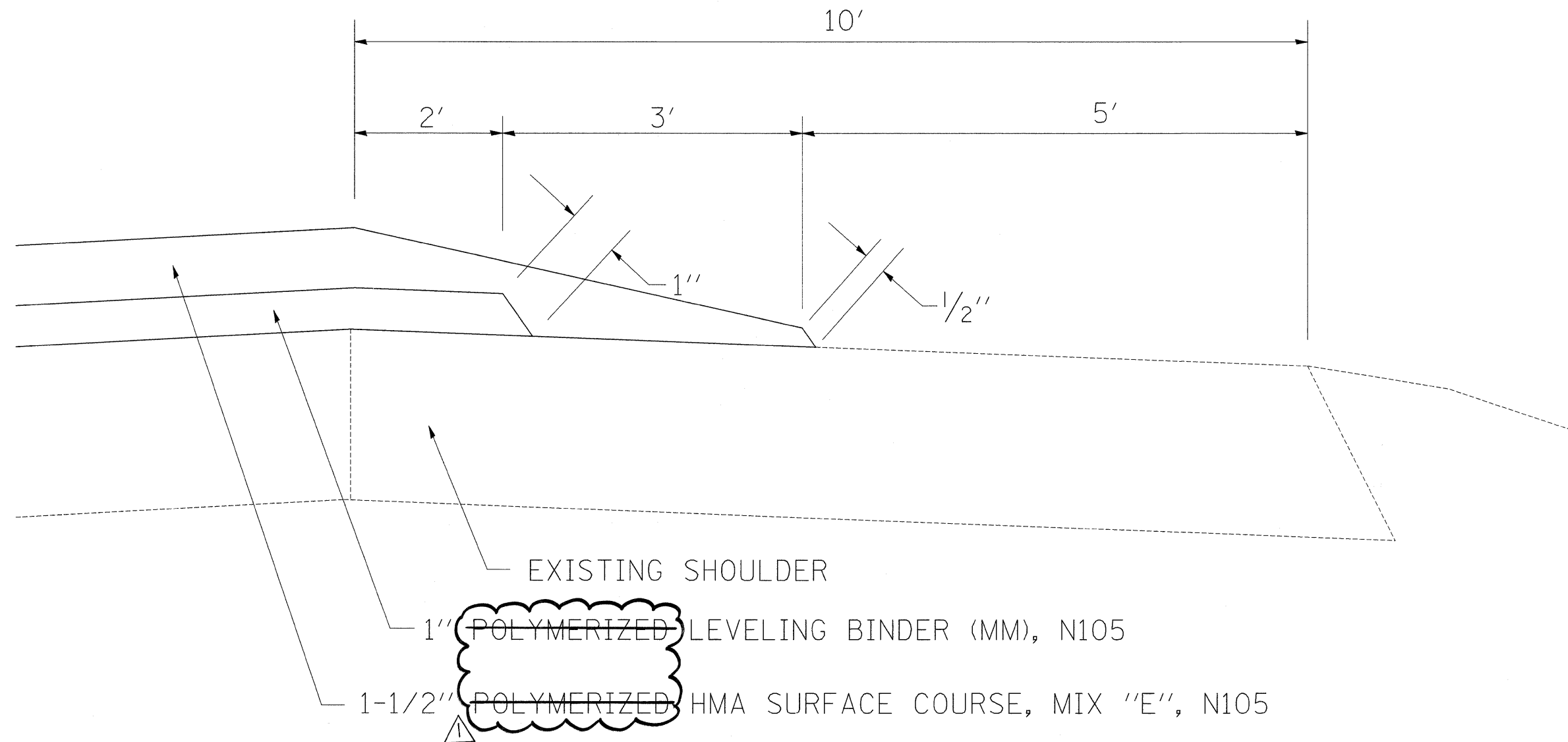






# TYPICAL RIGHT SHOULDER

STA 108+00 TO 123+37  
 STA 131+33 TO 162+50  
 STA 169+85 TO 178+75



## BITUMINOUS APPLICATION RATES

SURFACE MIXTURES: 119 LB/SY-IN  
 OTHER BITUMINOUS MIXTURES: 112 LB/SY-IN  
 BITUMINOUS MATERIAL (PRIME COAT): 0.000286 TON/SY  
 AGGREGATE (PRIME COAT): 0.0015 TON/SY

NOTE: TAPER SURFACE COURSE FROM 1-1/2" TO 1/2" IN 5 FT.

△ REVISSED 7-23-08

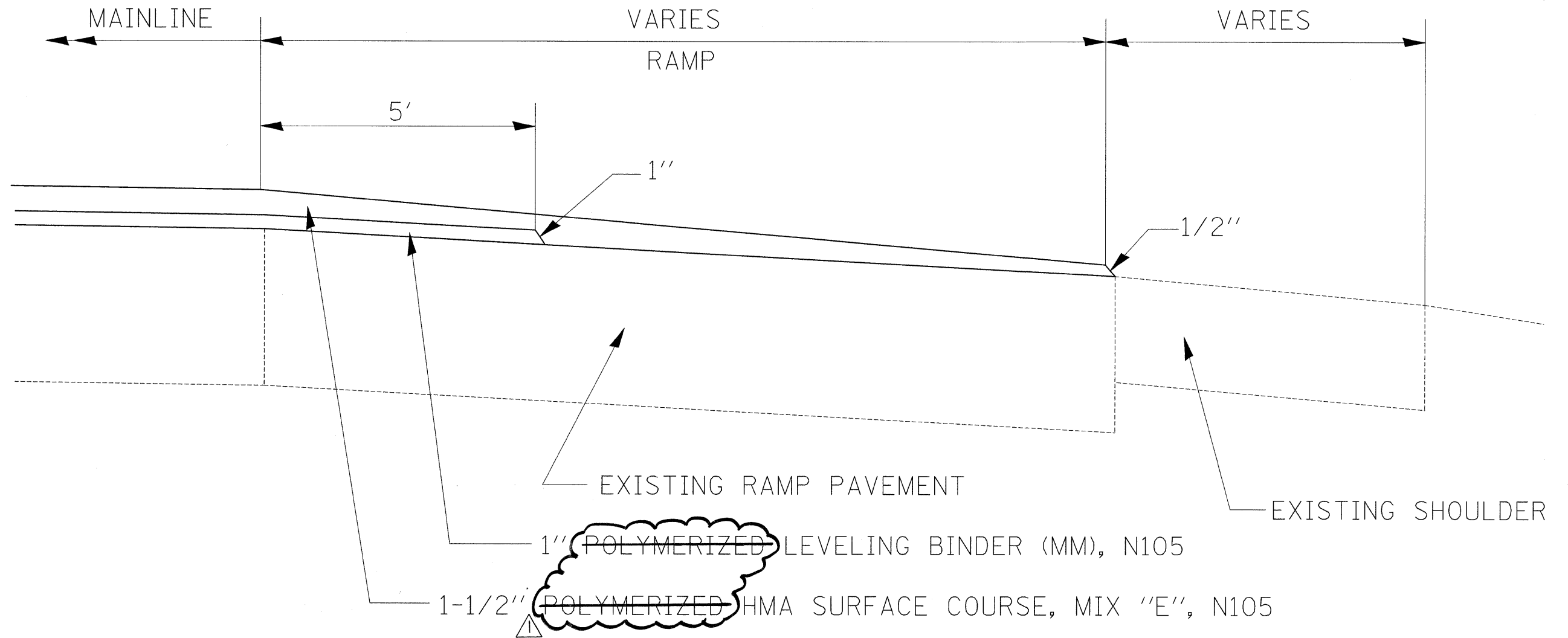
\* D2 SPRING PATCHING 2007-2

FILE NAME = P:\1-88 resurf.dgn	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 13
		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64D34		
		CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										

# TYPICAL SECTION

STA 99+20 TO 108+00

STA 123+37 TO 131+33



## BITUMINOUS APPLICATION RATES

SURFACE MIXTURES: 119 LB/SY-IN  
 OTHER BITUMINOUS MIXTURES: 112 LB/SY-IN  
 BITUMINOUS MATERIAL (PRIME COAT): 0.000286 TON/SY  
 AGGREGATE (PRIME COAT): 0.0015 TON/SY

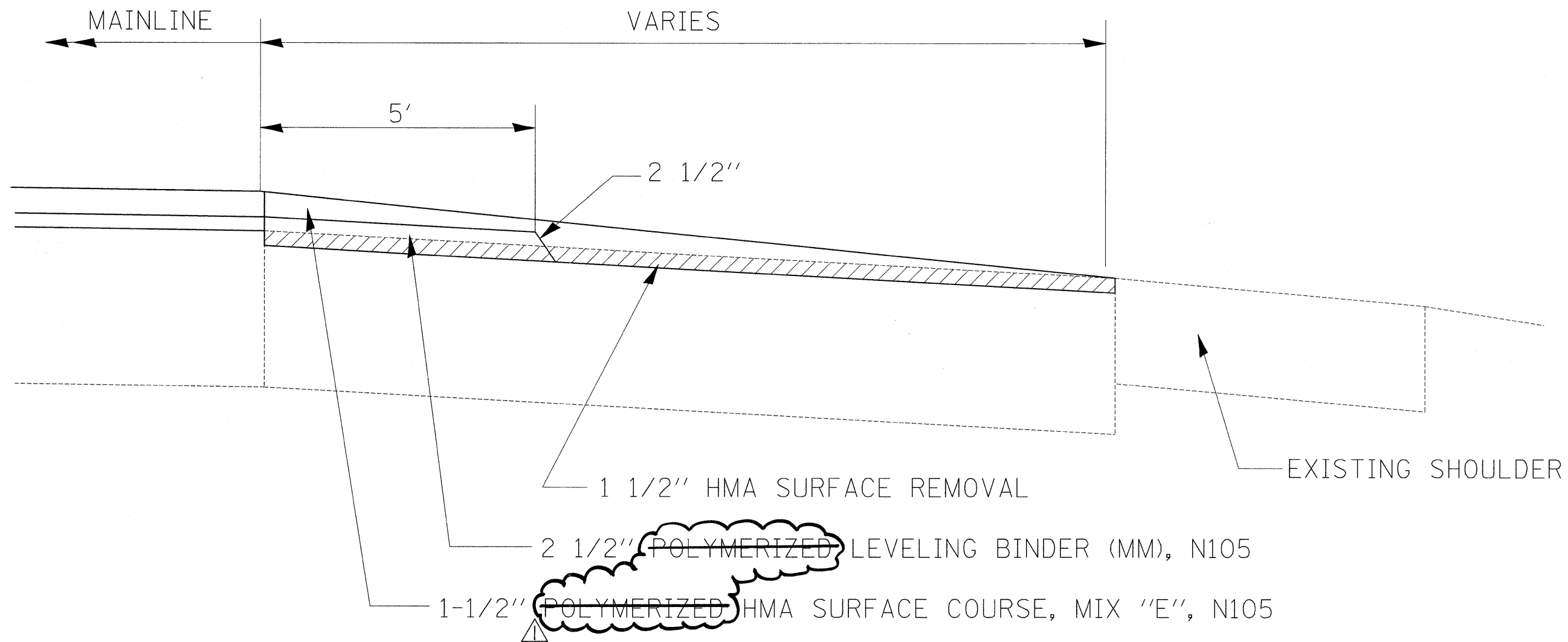
▲ REVISED 7-23-08

\* D2 SPRING PATCHING 2007-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 14
D:\Projects\Rock_Island\64034.1-80_Spring_Patch_2007-2\1-80_resurf.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64034		
		CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
		DATE = Thu May 15 13:45:14 2008	REVISED -										

# TYPICAL SECTION

STA 162+50 TO 169+84.46



## BITUMINOUS APPLICATION RATES

SURFACE MIXTURES: 119 LB/SY-IN  
 OTHER BITUMINOUS MIXTURES: 112 LB/SY-IN  
 BITUMINOUS MATERIAL (PRIME COAT): 0.000286 TON/SY  
 AGGREGATE (PRIME COAT): 0.0015 TON/SY

REVIS<sup>ED</sup> 7-23-08

\* D2 SPRING PATCHING 2007-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Or\Projects\Rock_Island\64034_I-80_Spring_Patch_2007-2\1-80_resurf.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	80	*	ROCK ISLAND	31	15
		CHECKED -	REVISED -						CONTRACT NO. 64D34						
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT						

40600200 BITUMINOUS MATERIALS (PRIME COAT)			
TON	LOCATION		REMARKS
	STA	to STA	
0.34	59 + 48	63 + 90	RESURFACING DRIVING LANE 2 APPLICATION
1.91	64 + 15	89 + 25	RESURFACING DRIVING LANE 2 APPLICATION
0.42	89 + 25	92 + 00	EB MAINLINE, 2 APPLICATION
12.78	95 + 25	179 + 05	EB MAINLINE, 2 APPLICATION
0.16	89 + 25	92 + 00	EB SHOULDERS, 2 APPLICATIONS
4.79	95 + 25	179 + 05	EB SHOULDERS, 2 APPLICATIONS
0.04			ALONG EDGE OF VISITOR CENTER OFF RAMP, 2 APPLICATION
0.05			ALONG EDGE OF VISITOR CENTER ON RAMP, 2 APPLICATION
0.48			EB WEIGH SCALE OFF RAMP
0.43			EB WEIGH SCALE ON RAMP
TOTAL =			21.40

40600300 AGGREGATE (PRIME COAT)			
TON	LOCATION		REMARKS
	STA	to STA	
0.88	59 + 48	63 + 90	DRIVING LANE ONLY
5.02	64 + 15	89 + 25	DRIVING LANE ONLY
1.10	89 + 25	92 + 00	MAINLINE
33.52	95 + 25	179 + 05	MAINLINE
0.41	89 + 25	92 + 00	SHOULDERS
12.57	95 + 25	179 + 05	SHOULDERS
0.11			ALONG EDGE OF VISITOR CENTER OFF RAMP, 2 APPLICATION
0.13			ALONG EDGE OF VISITOR CENTER ON RAMP, 2 APPLICATION
1.26			EB WEIGH SCALE OFF RAMP
1.13			EB WEIGH SCALE ON RAMP
TOTAL =			56.14

40600555 LEVELING BINDER (HAND METHOD), N105			
TON	LOCATION		REMARKS
	STA	to STA	
52.02	95 + 15	178 + 75	ENGINEERS DISCUSSION --- LEFT PAVEMENT EDGE
156.05	95 + 15	178 + 75	ENGINEERS DISCUSSION --- RIGHT PAVEMENT EDGE
TOTAL =			208.07

40600655 LEVELING BINDER (MACHINE METHOD), N105			
TON	LOCATION		REMARKS
	STA	to STA	
1,525.07	96 + 05	177 + 75	MAINLINE
2.49	177 + 75	177 + 95	EAST BUTT JOINT, MAILINE
254.18	96 + 05	177 + 75	4' LEFT SHOULDER
0.41	177 + 75	177 + 95	4' LEFT SHOULDER
15.15	96 + 05	99 + 20	2' RIGHT SHOULDER
34.22	99 + 20	108 + 00	5' RIGHT SHOULDER
23.91	108 + 00	123 + 37	2' RIGHT SHOULDER
30.96	123 + 37	131 + 33	5' RIGHT SHOULDER
72.21	131 + 33	177 + 75	2' RIGHT SHOULDER
0.21	177 + 75	177 + 95	2' RIGHT SHOULDER
58.24			VISITOR CENTER ON RAMP
1.23			BUTT JOINT, VISITOR CENTER
59.27			WEIGH SCALE OFF RAMP
1.23			TAPER, WEIGH SCALE OFF RAMP
62.84	162 + 50	169 + 84	WEIGH SCALE ON RAMP
2.12			WEIGH SCALE BUTT JOINT, OFF RAMP
TOTAL =			2,143.72

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
SQ. YD.	LOCATION		REMARKS
	STA	to STA	
50.00	95 + 25	95 + 75	SHOULDER, RIGHT & LEFT
86.1			VISITOR CENTER ON RAMP
0			TAPER, NO GRINDING --- EB WEIGH SCALE OFF RAMP
38.89			EB WEIGH SCALE RAMP
72.8			EB WEIGH SCALE ON RAMP
133.33	178 + 25	178 + 75	MAINLINE
50.00	178 + 25	178 + 75	SHOULDER, RIGHT & LEFT
TOTAL =			431.12

40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT			
SQ. YD.	LOCATION		REMARKS
	STA	to STA	
133.33	95 + 25	95 + 75	BOTH LANES
TOTAL =			133.33

40600990 TEMPORARY RAMP			
SQ. YD.	LOCATION		REMARKS
	STA	to STA	
707.00			VISITOR CENTER ON RAMP
1,392.00			EB WEIGH SCALE
73.33	178 + 25	178 + 75	
TOTAL =			2,172.33

40603375 HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105			
TON	LOCATION		REMARKS
	STA	to STA	
52.598	59 + 48	63 + 90	1 1/2" RESURFACE ONLY
OMISSION	63 + 90	64 + 15	WEATHER SENSOR --- OMIT
298.69	64 + 15	89 + 25	1 1/2" RESURFACE ONLY
65.45	89 + 25	92 + 00	1 1/2" MAINLINE RESURFACING, BOTH LANES
OMISSION	92 + 00	95 + 25	WEIGH-IN-MOTION SCALE --- OMIT
1,963.50	95 + 25	177 + 75	MAINLINE
28.36	177 + 75	179 + 05	EAST BUTT JOINT, MAILINE
327.25	95 + 25	177 + 75	4' LEFT SHOULDER
3.44	177 + 75	179 + 05	4' LEFT SHOULDER
19.59	95 + 25	99 + 20	5' RIGHT SHOULDER
122.17	99 + 20	108 + 00	VISITOR CENTER ON RAMP
76.21	108 + 00	123 + 37	5' RIGHT SHOULDER
110.51	123 + 37	131 + 33	WEIGH SCALE OFF RAMP
230.17	131 + 33	177 + 75	5' RIGHT SHOULDER
4.30	177 + 75	179 + 05	5' RIGHT SHOULDER
8.32			VISITOR CENTER ON RAMP --- BUTT JOINT
10.90	taper		WEIGH SCALE OFF RAMP --- TAPER
24.23	butt jt		WEIGH SCALE ON RAMP --- BUTT JOINT
94.68	162 + 50	169 + 84	WEIGH SCALE ON RAMP
TOTAL =			3,440.36

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"			
SQ YD	LOCATION		REMARKS
	STA	to STA	
589.33	59 + 48	63 + 90	DRIVING LANE ONLY
OMISSION	63 + 90	64 + 15	WEATHER SENSOR --- OMIT
3346.67	64 + 15	89 + 25	DRIVING LANE ONLY
942.67	162 + 50	169 + 85	SCALE ON RAMP
TOTAL =			4,878.67

REVISIED 7-23-08

FILE NAME = P:\1-88 resurfconvr.dgn	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE. 80	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 31	SHEET NO. 16
PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 64034									
PLOT DATE = Thu May 15 11:03:26 2008	DATE -	REVISED -	FED. ROAD DIST. NO.					ILLINOIS FED. AID PROJECT				
			SCALE:					SHEET NO.	OF	SHEETS	STA.	TO