Antigo Job#	Location	Year	Concrete Rubblized (square yards)	Thickness of Existing Concrete (inches)	Overlay Type	Overlay Thickness (inches)	Comments
300 π	Location	1 Cai	(square yarus)	(menes)	Турс	(menes)	Comments
1857	Rantoul Airport, IL, R/W 18-36 & T/W 'F'	1999	45,670	6-8	HMA	5	Demonstrated 3 maximum surface sizes: 3", 9" & 18"
2074	Columbus Airport, IN, T/W 'C' & West Apron Taxilane	2000	24,975	6	НМА	7.5	
2205	Watertown Airport, SD, Apron Area	2001	39,456	8	НМА	4	Asphalt millings (3") placed prior to HMA overlay
2267	Rantoul Airport, IL, R/W 9-27	2001	3,625	6-8	НМА	4.6	
2369	Kalamazoo/Battle Creek Airport, MI, T/W 'E'	2002	5,250	8	НМА	11.5	
2455	Selfridge Air National Guard Base, Detroit, MI, R/W 01-19	2002	95,706	13-21	НМА	7	21" concrete is 11" bonded over 10", crushed aggregate (4.5") placed for grade correction
2562	IN Air National Guard Base, Ft. Wayne, IN, Parking Ramp & T/W	2003	25,258	10	ЈРСР	13	
2665	Watertown Airport, SD, Hanger Area	2003	1,982	6	НМА	3	Asphalt millings (3") placed prior to HMA overlay
2835	Ephrata Airport, WA, R/W 11-29 & T/W B-2	2004	26,500	6	НМА	4	
2970	Columbus Airport, IN, T/W 'E'	2004	12,768	6	НМА	7	
2976	Capital Airport, Springfield, IL, R/W 4 Overrun	2005	15,000	10	НМА	3	
3084	Grand Forks Air Force Base, ND, R/W 17-35	2005	237,558	19-24	НМА	9	Crushed aggregate (4-13") placed for crown correction
2938	Buffalo Niagara Airport, NY, T/W 'A'	2005-06	21,562	11	НМА	8	
3183	San Juan International Airport, Puerto Rico, R/W 10-28	2005-07	147,143	15	PCCP	16	Crushed aggregate (3-6") placed prior to concrete overlay
3162	Pierre Airport, SD, R/W 13-31 Blast Pad	2005	4,984	9	НМА	4	
3149	Toledo Metcalf Field, OH, R/W 4-22	2006	29,542	6	НМА	3	Crushed aggregate (variable) placed prior to HMA overlay

Antigo Job#		Year	Concrete Rubblized	Thickness of Existing Concrete	Overlay	Overlay Thickness (inches)	Comments
J00 #	Location	i ear	(square yards)	(inches)	Туре	(inches)	Comments
3246	Detroit Metro Airport, MI, Connector W-1	2006	625	17	НМА	5-9	Feasibility test for Detroit Metro runways & taxiways
3547	Tullahoma Airport, TN, Runway	2007	1,000	7	n/a	n/a	Demonstrate rubblization for 3 subgrade conditions.
3824	Dayton Int'l Airport, OH, T/W J & H	2007	6,000	6	НМА	10	Crushed aggregate (6") placed prior to HMA overlay
	King Abdulaziz International Airport (KAIA), Jeddah, Saudi Arabia.	2008-12	1,560,000	12-17	НМА	10	
4108	Nashville International Airport, TN, R/W 2L-20R	2009	3,600	16	РССР	15	Crushed aggregate (4") and HMA (4") placed prior to concrete overlay.
3871	Travis Air Force Base, CA, R/W 21L-03R	2010	134,000	14-21	РССР	14	Crushed aggregate (minimum 4") placed prior to concrete overlay
3071	Chhatrapati Shivaji International Airport, Mumbai, India, T2 Apron	2010-11	93,393	16	PCCP	16	"Black sand" layer (variable) placed prior to concrete overlay.
4203	F.S. Gabreski Airport, Southampton, NY, R/W 6-24	2010	25,750	9	НМА	6	
4220	Eastern Iowa Airport, Cedar Rapids, IA, R/W 9/27	2010	80,417	8-17	РССР	16	Cement treated base (1") over crushed aggregate (2") placed prior to concrete overlay
4246	Sterling Airport, CO, Rehabilitate R/W 15/33	2010	38,180	6	НМА	6	
4339	Cleveland Hopkins Airport, OH, R/W 10-28 (28 end)	2011	29,790	11-16	РССР	14	Stabilized base (8") placed prior to concrete overlay.
4397	Cleveland Hopkins Airport, OH, R/W 10-28 (10 end)	2011	15,600	11	РССР	14	Crushed aggregate (variable) and stabilized base (8") placed prior to concrete overlay.
4485	Great Falls International Airport, MT, taxilane	2011	7,645	7	НМА	4	
4516	Oklahoma Air National Guard, Tulsa, OK, parking apron	2012-13	36,477	11	РССР	12	Crushed aggregate (variable) and HMA base (3") and stabilized drainage layer (4") placed prior to concrete overlay.
4569	Atlantic City International Airport, NJ, emergency access roads	2012	6,438	12	НМА	4+	
4591	Niagara Falls International Airport, NY, R/W 10L-28R	2012	85,644	7-10	НМА	8-8.5	Millings leveling course (0"-2") placed prior to asphalt overlay.

			Concrete	Thickness of Existing		Overlay	
Antigo Job #	Location	Year	Rubblized (square yards)	Concrete (inches)	Overlay Type	Thickness (inches)	Comments
000 11	2000000	1 000	(square jurus)	(mones)	1)   0	(mones)	
4749	Walla Walla Airport, WA, Apron Rehabilitation	2013	57,434	11	НМА	5	
4799	McConnell AFB, Wichita, KS, Repair T/W Alpha - North	2013-14	37,269	10-15	РССР	19	Rubblization is of lower layer after upper layer and asphalt removed and lower layer milled to provide 23" depth below original grade. Crushed aggregate (4") placed prior to concrete overlay.
4817	Griffiss Intl Airport, Rome, NY, Rehab Taxiways	2013	52,610	16-24	НМА	5	Concrete milled (5"-6") after rubblization to lower grade to accommodate overlay. Crushed aggregate (3") placed prior to asphalt overlay.
4969	Sturgis Airport, KY, center 75' of runway	2013	41,667	6	НМА	4	First asphalt wedge for grade & slope.
4909	Griffiss Intl Airport, Rome, NY, T/W A east & T/W E	2014	35,531	17-18	НМА	5	Crushed aggregate (3+") placed prior to asphalt overlay.
5079	Whitehorse Airport, Yukon Territory, Canada, T/W A	2014	12,381	12	НМА	4	Crushed aggregate (variable) placed prior to asphalt overlay.
	Chhatrapati Shivaji International Airport, Mumbai, India, T2 Apron & taxiway	2014	132,249	16	PCCP	20	"Black sand" layer (variable) placed prior to concrete overlay. Areas closer to terminal overlaid with asphalt.
5223	Coles County Memorial Airport, Mattoon, IL, R/W 11/29	2015	112,112	14	НМА	6	Crushed aggregate (2-6") placed prior to asphalt overlay.
5248	Griffiss Intl Airport, Rome, NY, T/W E	2015	8,675	17	НМА	5	Crushed aggregate (3") placed prior to asphalt overlay.
5621	Bydgoszcz Airport, Poland, Taxiways	2015	83,360	8	HMA		
5422	Griffiss Intl Airport, Rome, NY, T/W A & T/W B	2016	40,766	16-29	НМА	5	Crushed aggregate (variable thickness) placed prior to asphalt overlay.
5592	Brown Field Airport, San Diego, CA, R/W 8L-26R	2016	8,377	10	НМА	4	Asphalt treated base (variable thickness) placed prior to asphalt overlay.
5704	Griffiss Intl Airport, Rome, NY, T/W A & T/W B	2016	24,607	16-26.5	НМА	5	Crushed aggregate (variable thickness) placed prior to asphalt overlay.
5725	NAS Patuxent River, MD, Overrun area at 14 end of R/W 14-32	2016	5,360	9	НМА	3	
5784	Buffalo Niagara Int'l Airport, NY, 14 end of runway	2017	26,667	9	НМА	12	Crushed aggregate (variable thickness) placed prior to asphalt overlay.

		Concrete	Thickness of Existing		Overlay	
		Rubblized	Concrete	Overlay	Thickness	
Location	Year	(square yards)	(inches)	Туре	(inches)	Comments
Rickenbacker Airport, Columbus, OH, T/W A, T/W B	2017	48,046	19-27	НМА	9	Concrete milled (8") prior to rubblization to lower grade to accommodate overlay. Crushed aggregate (2") placed prior to asphalt overlay.
Wallops Airfield, Wallops Island, VA, various areas	2017	34,698	7-11	НМА	8	
Hanscom Field, Bedford, MA, R/W 11-29	2017	105,444	9	НМА	6	Runway closure limited to 30 days.
Quincy Regional Airport, IL, R/W 13-31	2018	45,333	8-9	НМА	4	Crushed aggregate (4.5"-6.5") placed prior to asphalt overlay.
Rickenbacker Airport, Columbus, OH, T/W A, T/W G	2018	34,733	19-21	НМА	9	Concrete milled (8") prior to rubblization to lower grade to accommodate overlay. Crushed aggregate (2") placed prior to asphalt overlay.
Plattsburgh Intl Airport, NY, R/W 17-35, T/W C	2018	17,290	10-14	НМА	5	Concrete milled partial depth after rubblization to lower grade to accommodate overlay.
Griffiss Intl Airport, Rome, NY, R/W 15-33	2019	157,698	14	НМА	7	Concrete milled (5") after rubblization to lower grade to accommodate overlay.
Quincy Regional Airport, IL, R/W 13/31	2019	37,452	9-Aug	НМА	4	
Rickenbacker Airport, Columbus, OH, T/W 1C	2019	10,791	13	НМА	7	Concrete milled (3") prior to rubblization to lower grade to accommodate overlay.
Coles County Memorial Airport, Mattoon, IL, T/W B	2019	27,900	16	НМА	4	Concrete milled partial depth after rubblization to lower grade to accommodate overlay.
Fort Wayne Int'l Airport, IN, R/W 5/23	2019	67,633	12	НМА	10	Changed to "modified rubblization" due to weak subgrade.
Shaybah Oil Field, Saudi Arabia, runway & taxiways	2019	133,895	12	HMA	9	Project completed in 77 days, 4 months ahead of schedule.
Griffiss Intl Airport, Rome, NY, R/W 15/33	2020	159,462	14-17	НМА	5	Concrete milled ~2" after rubblization to lower grade to accommodate overlay.
Norfolk Int'l Airport, VA, T/W C	2020	17,700	16-17	НМА	6	Concrete milled partial depth prior to rubblization to lower grade to accommodate overlay.
Nashville Airport, TN, R/W 2R/20L, T/W H, connectors & hold pads	2020	23,335	15	НМА	7	
Griffiss Intl Airport, Rome, NY, R/W 15/33	2020	71,669	14	НМА	7	Concrete milled $\sim 1.5$ " after rubblization to accommodate asphalt overlay.
	Rickenbacker Airport, Columbus, OH, T/W A, T/W B  Wallops Airfield, Wallops Island, VA, various areas  Hanscom Field, Bedford, MA, R/W 11-29  Quincy Regional Airport, IL, R/W 13-31  Rickenbacker Airport, Columbus, OH, T/W A, T/W G  Plattsburgh Intl Airport, NY, R/W 17-35, T/W C  Griffiss Intl Airport, Rome, NY, R/W 15-33  Quincy Regional Airport, IL, R/W 13/31  Rickenbacker Airport, Columbus, OH, T/W 1C  Coles County Memorial Airport, Mattoon, IL, T/W B  Fort Wayne Int'l Airport, IN, R/W 5/23  Shaybah Oil Field, Saudi Arabia, runway & taxiways  Griffiss Intl Airport, Rome, NY, R/W 15/33  Norfolk Int'l Airport, VA, T/W C  Nashville Airport, TN, R/W 2R/20L, T/W H, connectors & hold pads	Rickenbacker Airport, Columbus, OH, T/W A, T/W B  2017  Wallops Airfield, Wallops Island, VA, various areas  2017  Hanscom Field, Bedford, MA, R/W 11-29  2018  Quincy Regional Airport, IL, R/W 13-31  2018  Rickenbacker Airport, Columbus, OH, T/W A, T/W G  2018  Plattsburgh Intl Airport, NY, R/W 17-35, T/W C  2018  Griffiss Intl Airport, Rome, NY, R/W 15-33  2019  Quincy Regional Airport, IL, R/W 13/31  2019  Rickenbacker Airport, Columbus, OH, T/W 1C  2019  Coles County Memorial Airport, Mattoon, IL, T/W B  2019  Fort Wayne Int'l Airport, IN, R/W 5/23  2019  Shaybah Oil Field, Saudi Arabia, runway & taxiways  2019  Griffiss Intl Airport, Rome, NY, R/W 15/33  2020  Norfolk Int'l Airport, VA, T/W C  2020  Nashville Airport, TN, R/W 2R/20L, T/W H, connectors & hold pads  2020	Location         Year         (square yards)           Rickenbacker Airport, Columbus, OH, T/W A, T/W B         2017         48,046           Wallops Airfield, Wallops Island, VA, various areas         2017         34,698           Hanscom Field, Bedford, MA, R/W 11-29         2017         105,444           Quincy Regional Airport, IL, R/W 13-31         2018         45,333           Rickenbacker Airport, Columbus, OH, T/W A, T/W G         2018         34,733           Plattsburgh Intl Airport, NY, R/W 17-35, T/W C         2018         17,290           Griffiss Intl Airport, Rome, NY, R/W 15-33         2019         37,452           Rickenbacker Airport, Columbus, OH, T/W 1C         2019         37,452           Rickenbacker Airport, Columbus, OH, T/W 1C         2019         10,791           Coles County Memorial Airport, Mattoon, IL, T/W B         2019         27,900           Fort Wayne Int'l Airport, IN, R/W 5/23         2019         67,633           Shaybah Oil Field, Saudi Arabia, runway & taxiways         2019         133,895           Griffiss Intl Airport, Rome, NY, R/W 15/33         2020         17,700           Norfolk Int'l Airport, VA, T/W C         2020         17,700           Nashville Airport, TN, R/W 2R/20L, T/W H, connectors & hold pads         2020         23,335	Location         Concrete Rubblized Rubblized Rubblized Rubblized Rubblized Rubblized Sequence Sequence Sequence Rubblized Sequence S	Location         Concrete Rubblized Concrete (square yards)         overlay Concrete (square yards)         Overlay Concrete (square yards)         Overlay Concrete (square yards)         Overlay Type           Rickenbacker Airport, Columbus, OH, T/W A, T/W B         2017         48.046         19-27         HMA           Wallops Airfield, Wallops Island, VA, various areas         2017         34.698         7-11         HMA           Hanscom Field, Bedford, MA, R/W 11-29         2017         105,444         9         HMA           Quincy Regional Airport, IL, R/W 13-31         2018         34,733         19-21         HMA           Rickenbacker Airport, Columbus, OH, T/W A, T/W G         2018         34,733         19-21         HMA           Griffiss Intl Airport, Rome, NY, R/W 17-35, T/W C         2018         17,290         10-14         HMA           Quincy Regional Airport, IL, R/W 13/31         2019         37,452         9-Aug         HMA           Rickenbacker Airport, Columbus, OH, T/W 1C         2019         30,7452         9-Aug         HMA           Coles County Memorial Airport, Mattoon, IL, T/W B         2019         27,900         16         HMA           Fort Wayne Int'l Airport, IN, R/W 5/23         2019         133,895         12         HMA           Griffiss Intl Airport, Rome, NY, R/W 15/3	Location         Year         Concrete Rubblized Rubbinzed Sciences (Square yards)         Existing Coverlay Thickness (Inches)         Overlay Thickness (Inches)           Rickenbacker Airport, Columbus, OH, TAWA, TAWB         2017         48,046         19-27         HMA         9           Wallops Airfield, Wallops Island, VA, various areas         2017         34,698         7-11         HMA         8           Quincy Regional Airport, IL, R/W 13-31         2018         45,333         8-9         HMA         4           Rickenbacker Airport, Columbus, OH, TAWA, TAWG         2018         34,733         19-21         HMA         9           Plattsburgh Intl Airport, NY, R/W 17-35, TAWC         2018         17,290         10-14         HMA         5           Griffiss Intl Airport, Rome, NY, R/W 15-33         2019         37,452         9-Aug         HMA         4           Quincy Regional Airport, IL, R/W 13/31         2019         37,452         9-Aug         HMA         4           Rickenbacker Airport, Columbus, OH, TAW 1         2019         10,791         13         HMA         7           Quincy Regional Airport, IL, R/W 13/31         2019         27,900         16         HMA         4           For Wayne Int'l Airport, N, R/W 5/23         2019         67,633 <t< td=""></t<>

Antigo			Concrete Rubblized	Thickness of Existing Concrete	Overlay	Overlay Thickness	
Job#	Location	Year	(square yards)	(inches)	Туре	(inches)	Comments
3626	Oakley Airfield, United Kingdom	2021	47,441	6			
6991	Willard Airport, s/o Champaign, IL, R/W 4-22	2021	98,728	16-21	НМА	9	Concrete milled 2"-3" after rubblization to provide a rubblized surface that is 9" below final grade.
6992	Coles County Memorial Airport, Mattoon, IL, T/W B	2021	31,935	14	НМА	4	Concrete milled partial depth after rubblization to lower grade to accommodate overlay.
7055	Plattsburgh Intl Airport, NY, R/W 17-35	2021	228,762	14	НМА	5	Concrete milled 1" after rubblization. Some areas additional profile milled to obtain 5" asphalt at proposed grade.
7272	Norfolk Int'l Airport, VA, T/W C North	2021	15,420	16	НМА	6	Concrete milled 6" after rubblization to provide a rubblized surface that is 6" below final grade.
7357	Lask Airport, Poland	2021	15,562	10	НМА	7	Crushed aggregate (5-20 cm) and steel mesh (1.5 cm thick) placed prior to asphalt overlay.
7132	Griffiss Int'l Airport, Rome, NY, T/W E	2022	14,512	7	НМА	5	Crushed aggregate (6") placed prior to asphalt overlay.
7333	Walla Walla Regional Airport, WA, GA Apron	2022	22,200	8	HMA	4	
7339	Plattsburgh Intl Airport, NY, T/W A	2022	49,350	14	НМА	5	Concrete milled 5" after rubblization to provide a rubblized surface that is 5" below final grade.
7342	San Juan International Airport, Puerto Rico, T/W H	2022	15,200	16	НМА	5-11	_
7394	Quincy Regional Airport, IL, R/W 4-22	2022	32,500	8-9	НМА	4	Crushed aggregate (4.5-6") placed prior to asphalt overlay.
7574	Westchester County Airport, NY, Aircraft Parking Apron	2022	2,083	9	НМА	5	
7333	Walla Walla Regional Airport, WA, GA Apron	2023	21,812	8	НМА	4	
7429	Plattsburgh Intl Airport, NY, T/W B	2023	28,684	14	НМА	5	Concrete milled 5" after rubblization to provide a rubblized surface that is 5" below final grade.
7556	Danville Regional Airport,VA, Apron, T/W D &E	2023	29,608	13-16	НМА	5	
7574	Westchester County Airport, NY, Apron, Hanger E-1	2023	4,235	9	НМА	5	

				Thickness			
			Concrete	of Existing		Overlay	
Antigo			Rubblized	Concrete	Overlay	Thickness	
Job#	Location	Year	(square yards)	(inches)	Type	(inches)	Comments
7657	Norfolk Int'l Airport, VA, R/W 5-23	2023	38,751	16	НМА	10	Concrete milled variable depth after rubblization to lower profile to allow for unform thickness asphalt overlay.
	* ' '		· ·				•
7766	Winnipeg Int'l Airport, Manitoba, Apron VIIA	2023	5,382	15	НМА	6	
7774	Oscoda-Wurtsmith Airport, MI, perimeter road	2023	13,422	5-6	НМА	5	
7892	Warsaw-Radom Airport, Poland, Aprons 3 & 5	2023	22,966	11	HMA	7	
7898	Nikola Tesla Airport, Belgrade, Serbia, R/W 12L/30R	2023	85,814	14	HMA	9	Crushed aggregate (6") placed prior to asphalt overlay.

Last revised April 2024 TOTAL SQUARE YARDS: 5,358,049