

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE TYPE				
				1000-2A RURAL	1000-2A RURAL	1000-2A URBAN	SFTY-1B URBAN	SFTY-1B URBAN
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% CITY	50% STATE 50% CITY
				F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)
				0+915.000 TO 2+756.900 AND 4+475.071 TO 15+545.000	2+756.900 TO 4+475.071	15+545.000 TO 16+016.000	2+756.900 TO 4+475.071	2+756.900 TO 4+475.071
67100100	MOBILIZATION	L SUM	1		0.7			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1			
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1			
* 70101000	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331 (SPECIAL)	EACH	1		1			
* 70101205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	8		7		1	
* 70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		0.8		0.2	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1				1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1				1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	730		620		86	24
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	8		7			1
70106700	TEMPORARY RUMBLE STRIP	EACH	48		42			6
** 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	596		507		70	19
** 78200410	GUARDRAIL MARKERS, TYPE A	EACH	24		24			
** 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12		12			
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	401		258		143	
M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	903		610		293	
M2010500	TREE REMOVAL, HECTARES	HA	0.6		0.6			
* M2020010	EARTH EXCAVATION	CU M	73,555		68,953		2,188	2,414
M2020050	EARTH EXCAVATION (WIDENING)	CU M	2,380		2,296			84
* M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	680		680			
M2080150	TRENCH BACKFILL	CU M	3423		165		3,253	5
** M2500200	SEEDING, CLASS 2	HA	19.2		18.6			0.6
** M2500400	NITROGEN FERTILIZER NUTRIENT	KG	1,980		1,853		70	57
** M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	1,980		1,853		70	57
** M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	1,980		1,853		70	57
** M2510115	MULCH, METHOD 2	HA	18.5		17.9			0.6
** M2510630	EROSION CONTROL BLANKET	SQ M	8,214		8,214			
** M2520100	SODDING	SQ M	9815				9815	
** M2520200	SUPPLEMENTAL WATERING	UNIT	736.2				736.2	
** M2800255	TEMPORARY EROSION CONTROL SEEDING	HA	19.2		18.6			0.6
** M2800400	PERIMETER EROSION BARRIER	METER	1,275		1,275			
** M2800800	MULCH, METHOD 2	HA	19.2		18.6			0.6
M2810707	STONE DUMPED RIPRAP, CLASS A4	SQ M	4,811		4,575		190	46
M2820200	FILTER FABRIC	SQ M	5,357		5,121		190	46
M2830400	AGGREGATE DITCH	M TON	293		293			
* M3020450	PROCESSING MODIFIED SOIL 300MM	SQ M	7,712		7,712			
M3101500	LIME	M TON	158.7		158.7			
M3111100	SUB-BASE GRANULAR MATERIAL, TYPE B 100MM	SQ M	14,151		7,712		6,439	
M3511010	AGGREGATE BASE COURSE, TYPE B	M TON	1,862		1,583		86	193
M3530200	PORTLAND CEMENT CONCRETE BASE COURSE 200MM	SQ M	2,760				2,760	
M3550500	HOT-MIX ASPHALT BASE COURSE, 200MM	SQ M	7,436		7,122			314
* M3552100	HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH	M TON	3,163		3,163			
M4021010	AGGREGATE SURFACE COURSE, TYPE B	M TON	2,607		2,498		43	66
* M4021200	AGGREGATE FOR TEMPORARY ACCESS	M TON	1,704		1,144		504	36
M4060100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	107,937		94,601		10,533	2,803
M4060300	AGGREGATE (PRIME COAT)	M TON	374		317		45	12
* M4060895	CONSTRUCTING TEST STRIP	EACH	3		2		1	
M4060982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ M	884		716			168
M4060990	TEMPORARY RAMP	SQ M	89		72			17
M4062135	LEVELING BINDER (MACHINE METHOD), N70	M TON	89		72			17
M4063085	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70	M TON	1,396		1,396			
M4063340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	M TON	11,049		9,311		1,373	365

CONTINUED

* SEE SPECIAL PROVISIONS
** Specialty Items

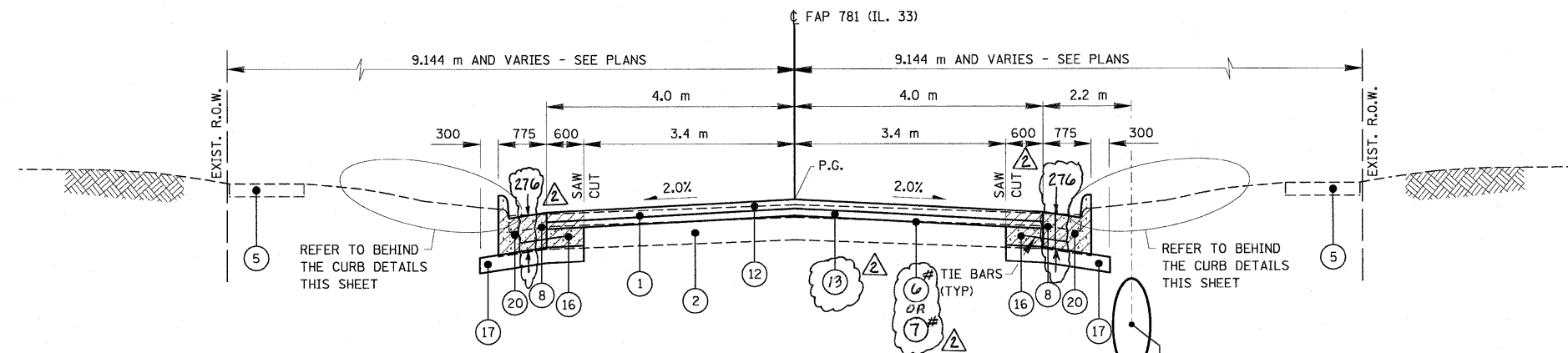
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
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PLOT DATE = 4/18/2008
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Rev. 8-28-08 Rev.

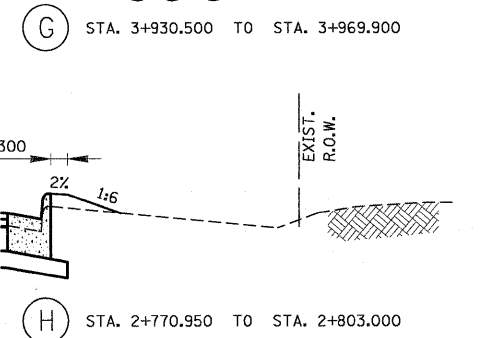
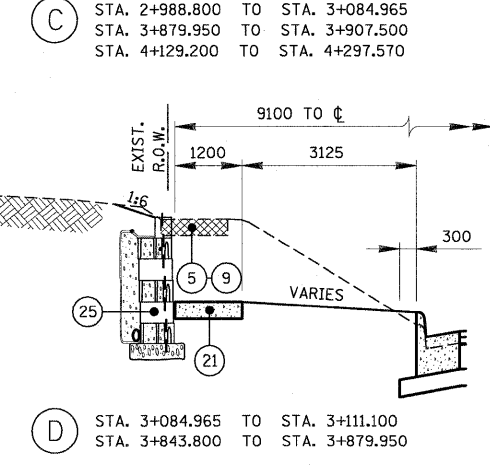
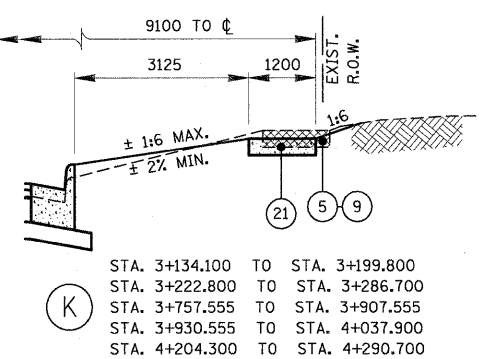
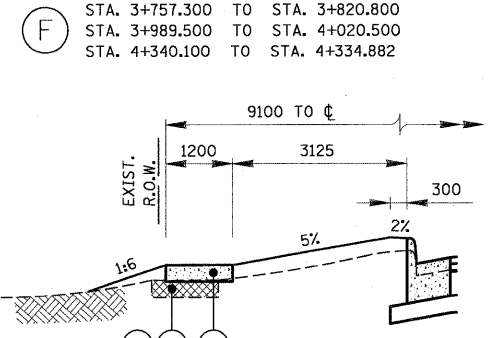
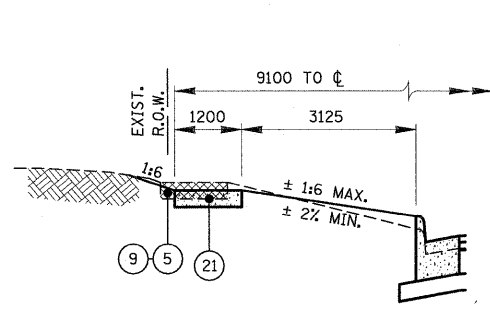
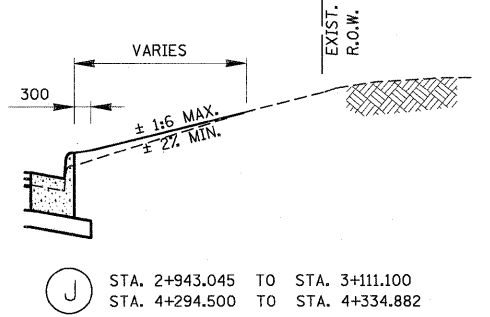
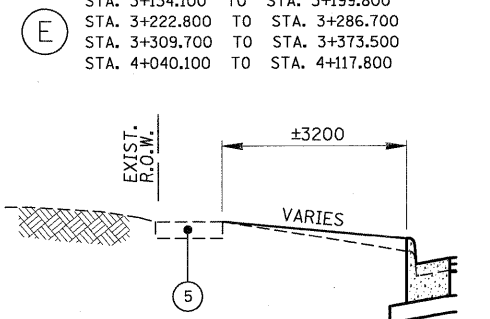
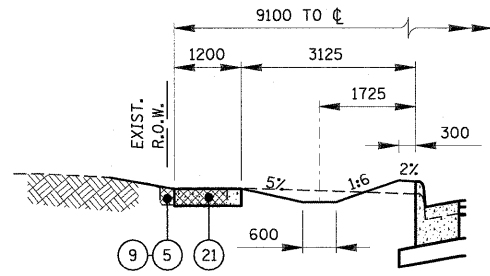
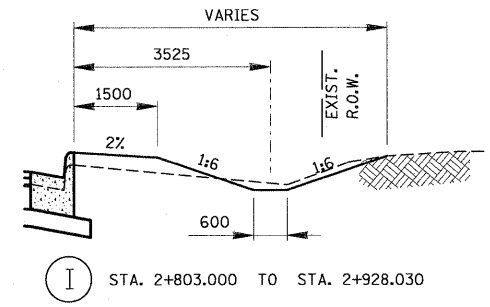
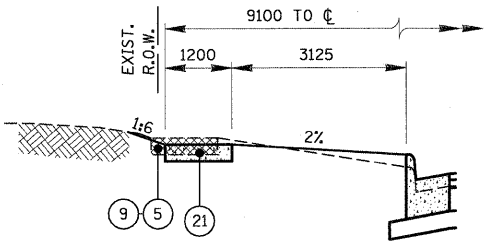
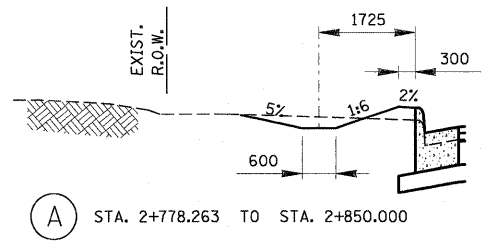
H. M. & G. NO. 4420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL RTE. 33 URBAN SECTION (TANGENT)

STA. 2+756.900 TO STA. 3+394.700
 STA. 3+736.200 TO STA. 4+334.882



LEGEND

- 1 EXISTING BITUMINOUS SURFACE
- 2 EXISTING P.C. CONCRETE BASE
- 3 EXISTING EARTH SHOULDER
- 4 EXISTING CONCRETE CURB AND GUTTER
- 5 EXISTING CONCRETE SIDEWALK
- 6 M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
- M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
- M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
- 7 M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- 8 M4402000 - PAVEMENT REMOVAL
- 9 M4402050 - SIDEWALK REMOVAL
- 10 M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
- 11 M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
- 12 M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
- 13 M4062135 - LEVELING BINDER (MACHINE METHOD), N70 (49mm)
- 14 M4063080 - HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 (VARIABLE DEPTH)
- 15 M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
- 16 M3530200 - PORTLAND CEMENT CONCRETE BASE COURSE, 200mm
- 17 M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
- 18 M3101500 - LIME
- M3100300 - PROCESSING LIME STABILIZED SOIL MIXTURE, 300mm
- 19 M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
- 20 M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
- 21 M4240100 - P.C. CONCRETE SIDEWALK, 100mm
- 22 MX032553 - TOPSOIL EXCAVATION
- 23 MX032879 - TOPSOIL PLACEMENT
- 24 M2021200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 25 MZ034730 - MODULAR RETAINING WALL SYSTEM
- 26 PROPOSED STORM SEWER TRUNKLINE

#SEE HMA SURFACE REMOVAL SCHEDULE FOR LIMITS

REVISIONS	
NAME	DATE
K.ROSE	1/04/00
R.G.H.	11/28/06
L.W.J.	03/19/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

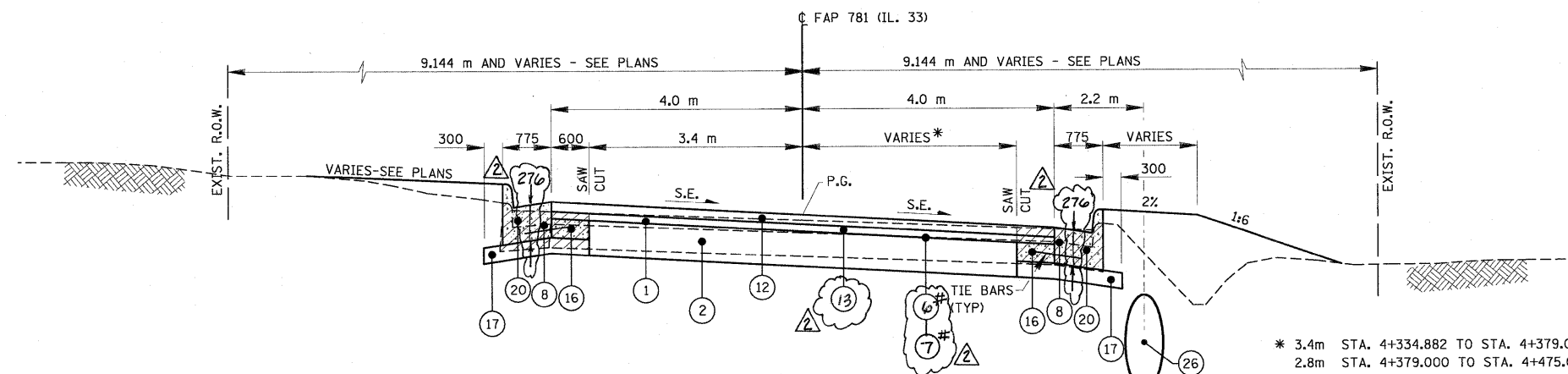
F.A.P. 781

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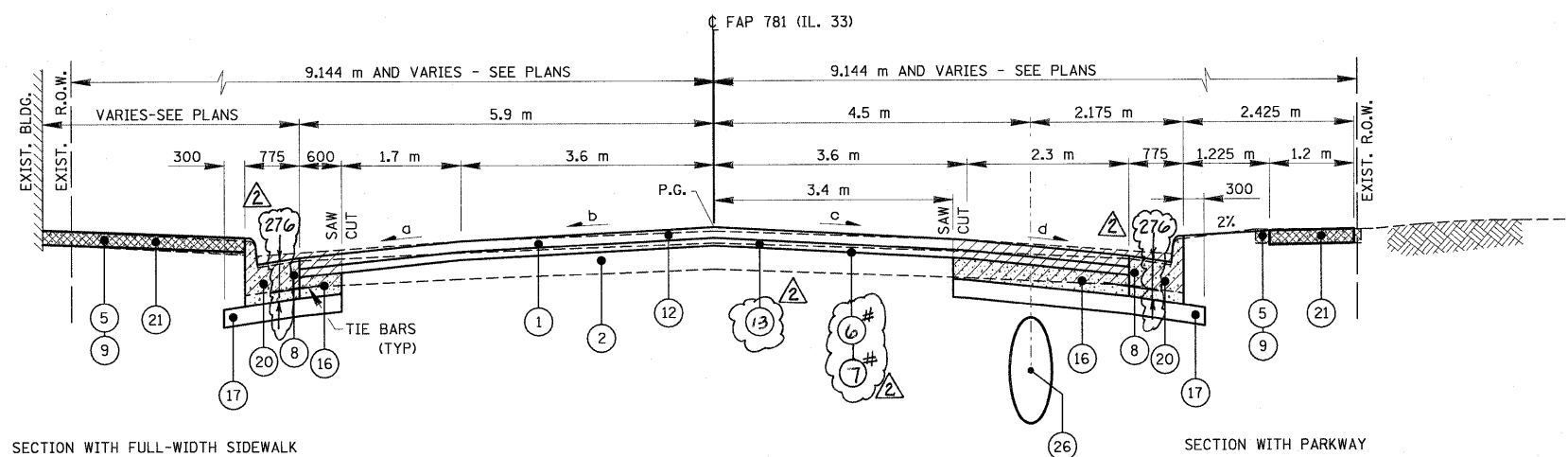
DATE MARCH 20, 2008 CHECKED BY RGH

PLOT DATE = 3/20/2008
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H. M. & G. NO. 4420



TYPICAL RTE. 33 URBAN SECTION (SUPERELEVATED)
STA. 4+334.882 TO STA. 4+475.071



SECTION WITH FULL-WIDTH SIDEWALK

SECTION WITH PARKWAY

LOCATION	PAVEMENT CROSSLAPES (PERCENT)			
	a	b	c	d
STA. 3+394.700 TO STA. 3+463.476	4.0	2.0	2.0	4.0
STA. 3+463.476 TO STA. 3+468.500	4.0	2.0	2.0	TRANSITION
STA. 3+468.500 TO STA. 3+488.500	4.0	2.0	2.0	3.0
STA. 3+488.500 TO STA. 3+498.500	4.0	TRANSITION	2.0	3.0
STA. 3+498.500 TO STA. 3+525.000	4.0	4.0	2.0	3.0
STA. 3+525.000 TO STA. 3+532.500	4.0	4.0	TRANSITION	TRANSITION
STA. 3+532.500 TO STA. 3+675.000	4.0	4.0	1.5	1.5
STA. 3+675.000 TO STA. 3+725.000	4.0	TRANSITION	TRANSITION	TRANSITION
STA. 3+725.000 TO STA. 3+736.200	4.0	2.0	2.0	4.0

TYPICAL RTE. 33 URBAN SECTION (TANGENT)
STA. 3+394.700 TO STA. 3+736.200
RANGE ST. (NORTH & SOUTH)

LEGEND

- ① EXISTING BITUMINOUS SURFACE
- ② EXISTING P.C. CONCRETE BASE
- ③ EXISTING EARTH SHOULDER
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING CONCRETE SIDEWALK
- ⑥ M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
- ⑦ M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ M4402000 - PAVEMENT REMOVAL
- ⑨ M4402050 - SIDEWALK REMOVAL
- ⑩ M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
- ⑪ M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
- ⑫ M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
- ⑬ M4062135 - LEVELING BINDER (MACHINE METHOD), N70
- ⑭ ~~M4063080 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (VARIABLE DEPTH)~~
- ⑮ M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
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- ⑰ M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
- ⑱ M3101500 - LIME
M3100300 - PROCESSING LIME STABILIZED SOIL MIXTURE, 300mm
- ⑲ M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
- ⑳ M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
- ㉑ M4240100 - P.C. CONCRETE SIDEWALK, 100mm
- ㉒ MX032553 - TOPSOIL EXCAVATION
- ㉓ MX032879 - TOPSOIL PLACEMENT
- ㉔ M2021200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ㉕ MZ034730 - MODULAR RETAINING WALL SYSTEM
- ㉖ PROPOSED STORM SEWER TRUNKLINE

#SEE HMA SURFACE REMOVAL SCHEDULE FOR LIMITS

REVISIONS	
NAME	DATE
K.ROSE	1/04/00
R.G.H.	11/28/06
L.W.J.	03/19/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.P. 781

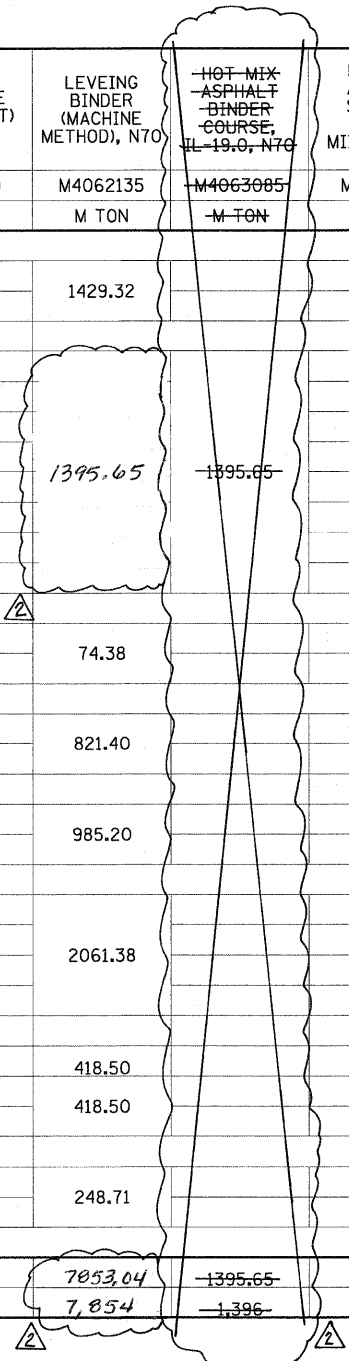
SCALE NO SCALE DRAWN BY KOJ
DATE MARCH 20, 2008 CHECKED BY RGH

Rev. B-28-08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PROPOSED PAVEMENT SCHEDULE

LOCATION				PROCESSING LIME STABILIZED SOIL MIXTURE, 300MM	LIME	SUB-BASE GRANULAR MATERIAL, TYPE B, 100MM	PORTLAND CEMENT CONCRETE BASE COURSE, 200MM	HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	LEVEING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT BINDER COURSE, MIX "D", N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 350MM	AGGREGATE SHOULDERS, TYPE B, 150MM	HOT-MIX ASPHALT SHOULDERS, 150MM
				M3100300	M3101500	M3111100	M3530200	M3552100	M4060100		M4060300	M4062135	M4063085	M4063340	M4075350	M4812150	M4820550
STATION	TO	STATION	LT/RT	SQ M	M TON	SQ M	SQ M	SQ M	LITER	LITER	M TON	M TON	M TON	M TON	SQ M	SQ M	SQ M
RURAL																	
0+915.000	TO	0+935.000	LT&RT						56.44	56.44	0.48	1429.32		14.71		30.00	9.57
0+935.000	TO	2+756.900	LT&RT						5420.15	5420.15	46.46			1412.34		5318.26	1899.79
OBLONG																	
2+756.900	TO	3+394.700	LT			1068.32	382.68		892.92	892.92	7.65			232.67			
2+756.900	TO	2+770.950	RT						20.90	20.90	0.18			5.45		20.54	4.80
2+770.950	TO	3+394.700	RT			1044.78	374.25		873.25	873.25	7.49			227.54			
3+394.700	TO	3+736.200	LT			572.01	204.90		705.20	705.20	6.04			183.75			
3+394.700	TO	3+736.200	RT			1220.86	853.75		705.20	705.20	6.04			183.75			
3+736.200	TO	4+475.071	LT			1237.61	443.32		1034.42	1034.42	8.87			269.54			
3+736.200	TO	4+379.000	RT			1076.69	385.68		899.92	899.92	7.71			234.49			
4+379.000	TO	4+475.071	RT			218.56	115.29		134.50	134.50	1.15			35.05			
RURAL																	
4+475.071	TO	4+635.000	LT&RT						475.79	475.79	4.08			123.98		382.22	281.12
4+635.000	TO	4+655.000	LT&RT						54.96	54.96	0.47			14.32		77.96	12.39
DOGWOOD CREEK BRIDGE AND ROAD OMMISION																	
5+025.000	TO	5+045.000	LT&RT						54.95	54.95	0.47			14.32		78.06	16.18
5+045.000	TO	6+825.000	LT&RT					3162.50	5295.50	5295.50	45.39			1379.86		4707.38	1906.77
6+825.000	TO	7+100.000	LT&RT						1106.88	1106.88	9.49			288.42			599.36
7+100.000	TO	9+365.000	LT&RT						6738.38	6738.38	57.76			1755.83		5878.15	2789.24
9+365.000	TO	9+385.000	LT&RT						59.50	59.50	0.51			15.50		24.37	31.75
BIG CREEK BRIDGE AND ROAD OMMISION																	
9+580.000	TO	9+600.000	LT&RT						59.50	59.50	0.51			15.50		48.73	30.01
9+600.000	TO	13+143.500	LT						5536.25	5536.25	47.45			1442.59		4434.72	2612.22
9+600.000	TO	13+095.000	RT						5412.25	5412.25	46.39			1410.28		4489.80	2804.28
13+095.000	TO	13+143.500	RT						97.61	97.61	0.84			25.43			101.63
13+143.500	TO	13+750.733(BK)	LT&RT	7711.86	158.62	7711.86			11567.79	2444.11	10.47				6983.18		
13+752.021(AHD)	TO	15+545.000	LT						2667.06	2667.06	22.86			694.96		2287.33	699.99
13+752.021(AHD)	TO	13+810.000	RT						116.68	116.68	1.00			30.40			144.29
13+810.000	TO	15+545.000	RT						2580.81	2580.81	22.12			672.49		2367.42	984.64
URBAN																	
15+545.000	TO	15+996.000	LT&RT						1341.73	1341.73	11.50			349.62		1181.04	422.10
15+996.000	TO	16+016.000	LT&RT						59.85	59.85	0.51			15.60		54.93	3.17
TOTAL				7711.86	158.62	14150.69	2759.87	3162.50	53968.37	44844.69	373.91			11048.38	6983.18	31380.91	15353.30
TOTALS ROUNDED FOR SUMMARY SHEET				7,712	158.7	14,151	2,760	3,163		107,937	374			11,049	6,984	31,381	15,354



PLOT DATE = 4/18/2008
FILE NAME = H:\1420\78014_sch_all_schedules_V8.dgn

H. M. & G. NO. 4420

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES SCALE NO SCALE DRAWN BY KOJ DATE APRIL 18, 2008 CHECKED BY RGH

Rev. 8-28-00