FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	2BR	WASHINGTON	33	6
STA.		TO STA.		
EXISTING CONDITIONS:				

CONTRACT NO. 76389

EARTHWORK SCHEDULE

LOCATION STATION	TO STATION	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
483+27 TO	484+00	27.0	20.3	6.8	13.5
484+00 TO	485+00	33.3	25.0	24.1	0.9
485+00 TO	486+00	33.3	25.0	40.7	-15.7
486+00 TO	486+50	21.3	16.0	18.5	-2.5
486+50 TO	486+75	11.1	8.3	7.4	0.9
486+75 TO	486+82	2.7	2.0	2.1	-0.1
487+68 TO	488+00	16.7	12.5	10.7	1.8
488+00 TO	488+25	10.6	8.0	7.4	0.6
488+25 TO	488+50	8.3	6.2	6.9	-0.7
488+50 TO	489+00	16.7	12.5	12.0	0.5
489+00 TO	490+00	33.3	25.0	11.1	13.9
490+00 TO	490+50	15.7	11.8	3.7	8.1
490+50 TO	491+00	13.9	10.4	8.3	2.1
491+00 TO	491+23	7.7	5.8	3.4	2.4
TOTAL		251.6	188.8	163.1	25.7
ROUNDED TOTAL		255	190	165	30

EARTHWORK REQUIRED FOR WIDENING IS INCLUDED IN THE EARTH EXCAVATION QUANTITY.

BITUMINOUS BASE COURSE SUPERPAVE 8"

LOCATION			WIDTH	SQ YD
LT	STA 483+27.00	TO STA 486+97.70	8	330
LT	STA 487+49.00	TO STA 491+23.00	8	333
RT	STA 483+27.00	TO STA 486+42.07	6.5	228
RT	STA 488+04.94	TO STA 491+23.00	6.5	230
TOTAL				1,121

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N70

LOCATION			WIDTH	THICKNESS	TON
LT & RT	STA 485+90.00	TO STA 486+52.24	24	1.5	14
LT & RT	STA 487+97.76	TO STA 488+60.00	24	1.5	14
TOTAL					28

BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL 19.0, N70

LOCATION			WIDTH	THICKNESS	TON
LT & RT	STA 486+20.00	TO STA 486+52.24	24	1.5	8
LT & RT	STA 487+97.76	TO STA 488+30.00	24	1.5	8
TOTAL					16

BITUMINOUS SHOULDERS SUPERPAVE

LOCATION			WIDTH	THICKNESS	TON
LT & RT	STA 485+90.00	TO STA 486+52.24	6.5	3	16
LT & RT	STA 487+97.76	TO STA 488+60.00	6.5	3	16
TOTAL					32

BITUMINOUS CONCRETE QUANTITIES CALCULATED BASED ON 112 POUNDS PER SQUARE YARD PER 1 INCH OF THICKNESS.

BITUMINOUS SURFACE REMOVAL- BUTT JOINT

LOCATION			WIDTH	SQ YD
LT & RT	STA 485+90.00	TO STA 486+50.00	37	247
LT & RT	STA 488+00.00	TO STA 488+60.00	37	247
TOTAL				494

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION			WIDTH	GAL	TON
LT & RT	STA 485+90.00	TO STA 486+52.24	37	21	0.1
LT & RT	STA 487+97.76	TO STA 488+60.00	37	21	0.1
TOTAL				42	0.2

THE QUANTITY FOR BITUMINOUS MATERIALS PRIME COAT REFLECTS TWO APPLICATIONS, ONE PRIOR TO PLACEMENT OF BINDER COURSE AND ONE PRIOR TO PLACEMENT OF BITUMINOUS SHOULDERS.

BITUMINOUS MATERIALS PRIME COAT QUANTITY CALCULATED BASED ON AN APPLICATION RATE OF 0.08 GALLON PER SQUARE YARD (7.9 POUNDS PER GALLON)

BRIDGE APPROACH PAVEMENT

LOCATION	WIDTH	SQ YD
STA 486+52.24 TO STA 486+82.24	38.333	128
STA 487+67.76 TO STA 487+97.76	38.333	126
TOTAL		254

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

LOCATION	WIDTH	SQ YD
STA 486+42 TO STA 486+52.24	37	42
STA 487+97.76 TO STA 488+04.94	37	30
TOTAL		72

APPROACH PAVEMENT INLET RT STA 487+82.5

ITEM	QTY	UNIT
TYPE D INLET STANDARD 609006	1	EACH
PIPE DRAINS 12"	16	FOOT
END SECTIONS 12"	1	EACH
PIPE ELBOW 12"	2	EACH
CONCRETE THRUST BLOCK	1	EACH

THE MEASURED LENGTH OF PIPE DRAINS SHALL EXCLUDE THE LENGTH OF ELBOWS.

PAVEMENT REMOVAL

LOCATION	WIDTH	SQ YD
LT & RT STA 486+42.00 TO STA 486+97.70	24	149
LT & RT STA 487+49.30 TO STA 488+04.94	24	149
LT STA 483+27.00 TO STA 486+42.00	1.5	53
LT STA 486+42.00 TO STA 486+97.70	8	50
LT STA 487+49.30 TO STA 488+04.94	8	50
LT STA 488+04.94 TO STA 491+23.00	1.5	53
TOTAL		504

STEEL PLATE BEAM GUARD RAIL, TYPE A

LOCATION		FOOT
LT STA 485+41.73	TO STA 486+52.65	112.5
LT STA 487+97.35	TO STA 489+83.45	187.5
RT STA 484+85.68	TO STA 486+50.52	162.5
RT STA 487+99.48	TO STA 488+75.56	75.0
TOTAL		537.5

TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION		EACH
LT STA 486+52.65	TO STA 486+82.87	1
LT STA 487+67.13	TO STA 487+97.35	1
RT STA 486+50.52	TO STA 486+81.61	1
RT STA 487+68.39	TO STA 487+99.48	1
TOTAL		4

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

LOCATION		EACH
LT STA 484+87.00	TO STA 485+36.25	1
LT STA 489+11.30	TO STA 489+61.30	1
RT STA 484+34.96	TO STA 484+85.68	1
RT STA 488+75.56	TO STA 489+25.56	1
TOTAL		4

GUARDRAIL REMOVAL

LOCATION		FOOT
LT STA 486+41.50	TO STA 486+95.50	54
LT STA 487+52.00	TO STA 487+80.00	28
RT STA 486+69.00	TO STA 486+97.00	28
RT STA 487+50.00	TO STA 488+03.00	53
TOTAL		163

REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1

LOCATION		EACH
LT STA 484+92.43	TO STA 485+41.73	1
LT STA 489+83.45	TO STA 490+33.45	1
TOTAL		2

GUARDRAIL MARKERS TYPE B

LOCATION		EACH
LT STA 485+41.73	TO STA 486+82.87	2
LT STA 487+67.13	TO STA 489+83.45	3
RT STA 484+85.68	TO STA 486+81.61	3
RT STA 487+68.39	TO STA 488+75.56	2
TOTAL		10

BARRIER WALL MARKERS TYPE B & TYPE C

LOCATION		EACH	EACH
LT STA 486+82.87	TO STA 487+67.13	2	2
RT STA 486+81.61	TO STA 487+68.39	2	2
TOTAL		4	4

TERMINAL MARKERS - DIRECT APPLIED

LOCATION	EACH
LT STA 484+92.43	1
LT STA 490+33.45	1
RT STA 484+34.96	1
RT STA 489+25.56	1
TOTAL	4

TEMPORARY CONCRETE BARRIER

LOCATION		FOOT
STA 484+51.00	TO STA 485+70.60	120
STA 485+70.60	TO STA 488+79.40	310
STA 488+79.40	TO STA 489+99.00	120
TOTAL		550

IMPACT ATTENUATORS TEMPORARY, (NON-REDIRECTIVE) TEST LEVEL 3

LOCATION	EACH
STA 484+50.00	1
STA 490+00.00	1
TOTAL	2

RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION		FOOT
STA 484+70.00	TO STA 485+69.50	100
STA 485+69.50	TO STA 488+80.60	310
STA 488+80.60	TO STA 489+80.30	100
TOTAL		510

IMPACT ATTENUATORS RELOCATE, (NON-REDIRECTIVE) TEST LEVEL 3

LOCATION	EACH
STA 484+69.00	1
STA 489+81.00	1
TOTAL	2

TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A

LOCATION		FOOT
LT STA 485+36.25	TO STA 486+95.65	162.5
LT STA 487+51.05	TO STA 489+11.30	162.5
TOTAL		325.0

TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 10

LOCATION		EACH
LT STA 486+95.65	TO STA 486+98.50	1
LT STA 487+48.20	TO STA 487+51.05	1
TOTAL		2

PAVEMENT MARKING REMOVAL

	LOCATION		TYPE	SQ FT
1)	STA 482+72	TO STA 485+90	DOUBLE C.L.	210
1)	STA 488+60	TO STA 491+88	DOUBLE C.L.	217
1)	STA 483+27	TO STA 491+23	LT EDGE LINE	263
2)	STA 483+27	TO STA 485+90	RT EDGE LINE	87
2)	STA 488+60	TO STA 491+23	RT EDGE LINE	87
	TOTAL			864

1) REMOVE PRIOR TO STAGE 1
2) REMOVE PRIOR TO STAGE 2

SEE SHEET 14 FOR PAVEMENT MARKING AND RAISED REFLECTIVE MARKER SCHEDULES.

TEMPORARY DITCH CHECKS

LOCATION	EACH
STA 484+00	1
STA 485+00	1
STA 486+00	1
STA. 486+80	1
TOTAL	4

PERIMETER EROSION BARRIER

LOCATION		FOOT
LT STA 483+27	TO STA 486+74	356
LT STA 487+75	TO STA 491+23	350
RT STA 487+69	TO STA 491+23	350
TOTAL		1,056

SCHEDULE OF QUANTITIES

FAP ROUTE 42
SECTION 2BR
WASHINGTON COUNTY

CUMMINS ENGINEERING CORPORATION

JOB #: 2158
FILE: schedules
DATE: 3/17/05

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
FIELD TITLE CHECKED
BY
DATE

•DATE-TIME•
•DGN-SPEC•
•REF•
•REF•