

PATCHING SCHEDULE

LOCATION STATION	LENGTH FT.	WIDTH FT.	TYPE II SQ. YD.
198+61 RT.	12	10	13.3
198+61 LT.	12	10	13.3
200+09 RT.	6	10	6.7
200+09 LT.	6	10	6.7
200+55 RT.	6	10	6.7
200+55 LT.	6	10	6.7
201+07 RT.	6	10	6.7
201+07 LT.	6	10	6.7
203+50 RT.	6	10	6.7
203+50 LT.	6	10	6.7
204+01 RT.	6	10	6.7
204+14 LT.	6	10	6.7
204+51 RT.	6	10	6.7
204+51 LT.	6	10	6.7
207+49 RT.	6	10	6.7
207+49 LT.	6	10	6.7
207+98 RT.	6	10	6.7
207+98 LT.	6	10	6.7
208+48 RT.	6	10	6.7
208+48 LT.	6	10	6.7
208+97 RT.	6	10	6.7
208+97 LT.	6	10	6.7
TOTALS			160.6

SUMMARY OF QUANTITIES

CODE NO.	CONSTRUCTION TYPE CODE ITEM	ROADWAY 100% FED. ARA	
		UNIT	TOTAL QUANTITY
X0322879	GRADING AND SHAPING FORESLOPES	SQ YD	319
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	3
X4424000	SAW CUTS (WIDENING)	FOOT	2,376
20100500	TREE REMOVAL, ACRES	ACRE	0.02
20200700	EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL	UNIT	11
20400805	FURNISHED EXCAVATION, SPECIAL	CU YD	40
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	11
28000400	PERIMETER EROSION BARRIER	FOOT	115
28100207	STONE RIPRAP, CLASS A4	TON	213
28200200	FILTER FABRIC	SQ YD	319
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	195
35650700	BASE COURSE WIDENING	SQ YD	264
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	337
40600300	AGGREGATE (PRIME COAT)	TON	6
40600535	LEVELING BINDER (HAND METHOD), N70	TON	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	152
40600990	TEMPORARY RAMP	SQ YD	25
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	404
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	290
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	39
44000400	GUTTER REMOVAL	FOOT	2,376
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	161
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,376
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	47
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	825
50102400	CONCRETE REMOVAL	CU YD	8.8
50200100	STRUCTURE EXCAVATION	CU YD	21
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,650
54003000	CONCRETE BOX CULVERTS	CU YD	15.5
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	9
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2
60107600	PIPE UNDERDRAINS 4"	FOOT	2,376
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	50
63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	225
63100167	Traffic Barrier Terminal, Type 1 (Special) Tangent	EACH	1
63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	87.5
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	440
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3,994
703010GJ	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	40
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,994
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	15
78200410	GUARDRAIL MARKERS, TYPE A	EACH	5
78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	1
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	13

* SPECIALITY ITEM

GENERAL LEGEND

	CENTERLINE OF PROPOSED IMPROVEMENT		EXISTING INLET
	EXISTING RIGHT-OF-WAY LINE		EXISTING PIPE CULVERT
	PROPOSED RIGHT-OF-WAY LINE		EXISTING SANITARY SEWER
	TEMPORARY CONSTRUCTION EASEMENT		EXISTING STORM SEWER
	PROPERTY LINE		EXISTING WATER LINE
	SECTION LINE		EXISTING GAS LINE
	1/2 SECTION LINE		EXISTING TELEPHONE LINE
	IRON PIPE FOUND		EXISTING FIBER OPTIC CABLE
	IRON PIPE SET		EXISTING ELECTRIC CABLE
	MONUMENT FOUND		EXISTING PIPE LINE
	PROPOSED R.O.W. MONUMENT		SURFACE TO BE REMOVED
	FENCE		18" TREE
	EDGE OF EXISTING FEATURES		SOIL BORING LOCATION
	CONSTRUCTION LIMITS		PROPOSED DITCH
	UTILITY POLE		PROPOSED MANHOLE
	UTILITY POLE W/ DOWN GUY		PROPOSED INLET
	LIGHT POLE		PROPOSED STORM SEWER
	GAS METER		PROPOSED END SECTION
	WATER METER		PROPOSED RIP RAP
	FIRE HYDRANT		SETTLEMENT PLATFORM
	WATER OR GAS VALVE		INCLINOMETER
	TELEPHONE PEDESTAL		PIEZOMETER
	EXISTING SIGN		EXISTING SPOT ELEVATION
	PROPOSED SIGN		PROPOSED SPOT ELEVATION
	MAIL BOX		PROPOSED DEPRESSED CURB
	EXISTING MANHOLE		PROPOSED INCIDENTAL BITUMINOUS SURFACING
	CONTROL POINT		

ABBREVIATIONS

T.C.	-	TOP OF CURB
E.P.	-	EDGE OF PAVEMENT
F.L.	-	FLOW LINE
RDMH	-	RESTRICTED DEPTH MANHOLE
PRCF	-	PRECAST REINFORCED CONCRETE FLARED
F. & G.	-	FRAME AND GRATE
O.L.	-	OPEN LID
C.L.	-	CLOSED LID
SS1	-	STORM SEWER TYPE 1
SS1WMQ	-	STORM SEWER TYPE 1, WATER MAIN QUALITY PIPE
PC1	-	PIPE CULVERT TYPE 1
T.B.	-	TRENCH BACKFILL
C.L.S.M.	-	CONTROLLED LOW-STRENGTH MATERIAL
CUT	-	EARTH EXCAVATION QUANTITY SHOWN ON CROSS SECTIONS
FILL	-	EMBANKMENT QUANTITY SHOWN ON CROSS SECTIONS

SURVEY CONTROL POINTS

VERTICAL CONTROL			
CONTROL POINT	LOCATION	ELEVATION	DESCRIPTION
BM #144	STA. 205+73.81, 36.07' LT.	527.49	R.R. SPIKE IN P.P.
BM #1	STA. 203+30.01, 42.55' RT.	521.50	R.R. SPIKE IN P.P.

HORIZONTAL CONTROL				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1000	826,115.487	2,317,129.516	529.97 *	REBAR ±22.5' EAST OF CL FOSTERBURG ROAD & ±44' N. CL STUTZ LANE
CP #1001	826,518.030	2,317,491.297	520.57 *	REBAR ±30' E. OF CL FOSTERBURG RD. & 35' N. OF E. END OF BOX CUL.
CP #1002	826,976.172	2,317,878.165	532.00 *	REBAR ±18' EAST OF CL FOSTERBURG RD. & ±175' N. ELMORE DRIVE

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK

SIDE ROAD AND ENTRANCE SCHEDULE

APPROX. LOCATION (STATION)	TYPE	*WIDTH (FOOT)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	AGGREGATE BASE COURSE, TYPE A 8" (SQ. YD.)
RT. 200+50	P.E.	30	2.6	
LT. 200+62	P.E.	41	3.1	
RT. 202+64	C.E.	88	7.3	
LT. 204+31	P.E.	20	2.2	
RT. 206+51	SIDEROAD (ELMORE DRIVE)	27	7.7	69
LT. 206+59	P.E.	14	1.8	
LT. 209+67	SIDEROAD (DREXELIUS RD.)	23	14.1	126
TOTALS			38.8	195

* WIDTH SHOWN IS AT THE END OF THE 6' FEATHER EDGE

COMMITMENTS

NONE

MIX DESIGNS

MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	SURFACE PG 64-22 10% 4.0% @ NDES=70 ---
MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	BINDER PG 64-22 10% 4.0% @ NDES=70 IL-19 MIX C
MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	PATCHING PG 64-22 15% 4.0% @ NDES=70 IL-19.0 ---
MIXTURE USE AC/PG RAP% (MAX.) DESIGN AIR VOIDS MIX COMPOSITION FRICTION AGG.	SHOULDER PG 58-22 40% 2.0% @ NDES=70 ---
	BAM

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- INFORMATION ON THE PLANS REGARDING UTILITIES IS TAKEN FROM THE BEST AVAILABLE RECORDS, BUT IS NOT REPRESENTED AS BEING CORRECT OR COMPLETE. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. IN ADVANCE OF CROSSING OVER OR UNDER UTILITIES.
- THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB UTILITIES. THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
- ALL ELEVATIONS REFER TO NATIONAL GEODETIC SURVEY (N.G.S.) DATUM.
- THE CONTRACTOR, AT HIS EXPENSE, SHALL DISPOSE OF ALL EXCESS MATERIALS FROM EXCAVATION AND REMOVAL ITEMS ACCORDING TO SECTION 202 OF THE STANDARD SPECIFICATIONS.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 112 LBS. / SQ. YD. / IN.

REVISIONS

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ALTON, ILLINOIS - FOSTERBURG ROAD IMPROVEMENTS
FAU ROUTE 9002
SECTION 09-00218-0b-RS
GENERAL NOTES, LEGEND, PATCHING SCHEDULE, AND SUMMARY OF QUANTITIES