

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM	CODE NUMBER
1,161	Gallon	Bituminous Materials (Prime Coat)	40600100
23	Ton	Aggregate (Prime Coat)	40600300
1,091	Ton	Hot-Mix Asphalt Surface Course, Mix "D", N70	40603340
11,608	Sq. Yd.	Hot-Mix Asphalt Surface Removal 1 1/2"	44000155
83	Sq. Yd.	Class D Patches, Type II, 10 Inch	44201765
54	Sq. Yd.	Class D Patches, Type III, 10 Inch	44201769
58	Sq. Yd.	Class D Patches, Type IV, 10 Inch	44201771
1,588	Foot	Saw Cuts	44213200
8,511	Foot	Strip Reflective Crack Control Treatment	44300200
1	L. Sum	Mobilization	67100100
1	L. Sum	Traffic Control and Protection	70101700
2,464	Foot	Short Term Pavement Marking	70300100
374	Sq. Ft.	Work Zone Pavement Marking Removal	70301000
30	Sq. Ft.	Sign Panel-Type 1	72000100
70	Foot	Metal Post-Type B	72900200
437	Sq. Ft.	Thermoplastic Pavement Marking-Letters and Symbols	78000100
7,016	Foot	Thermoplastic Pavement Marking-Line 4"	78000200
63	Foot	Thermoplastic Pavement Marking-Line 12"	78000600
120	Foot	Thermoplastic Pavement Marking-Line 24"	78000850
136	Each	Raised Reflective Pavement Markers	78100100
140	Each	Raised Reflective Pavement Marker Removal	78300200
520	Foot	Detector Loop, Type I	88600100
576	Each	Drill and Grout Dowel Bars	20013900
234	Sq. Yd.	Class B Patches (SPECIAL)	XX005138

* Specialty Items

PAVEMENT MARKING SCHEDULE

ITEM	QUANTITY	COLOR
THERMOPLASTIC PAVEMENT MARKING-LINE 4"	6,750 FOOT	YELLOW
THERMOPLASTIC PAVEMENT MARKING-LINE 4"	286 FOOT	WHITE
THERMOPLASTIC PAVEMENT MARKING-LINE 4"	7,016 FOOT	TOTAL
THERMOPLASTIC PAVEMENT MARKING-LINE 12"	63 FOOT	WHITE
THERMOPLASTIC PAVEMENT MARKING-LINE 24"	120 FOOT	WHITE
RAISED REFLECTIVE PAVEMENT MARKERS	128 EACH	DOUBLE AMBER
RAISED REFLECTIVE PAVEMENT MARKERS	8 EACH	SINGLE CRYSTAL
RAISED REFLECTIVE PAVEMENT MARKERS	136 EACH	TOTAL

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

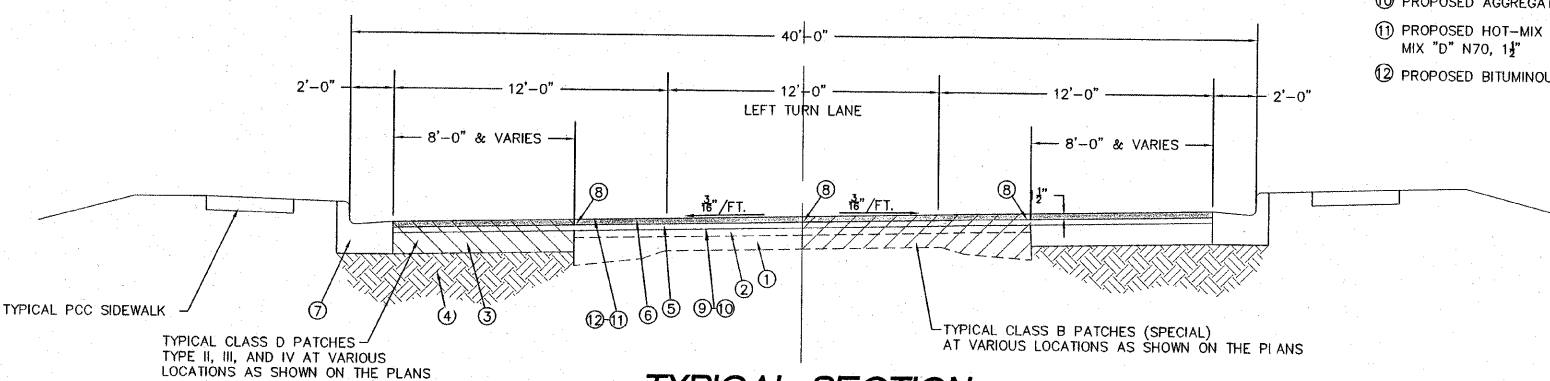
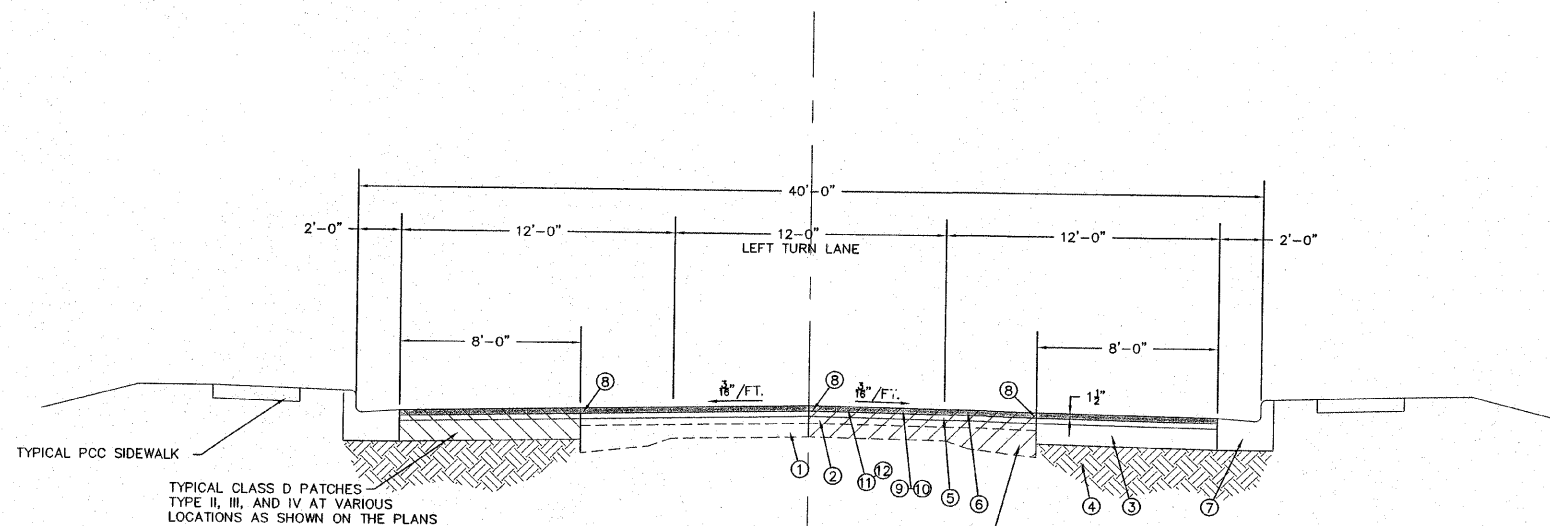
PONTOON RD. / IL. ROUTE 111

LOOP #	DIRECTION	PHASE	LOOP SIZE (FT.)	REQ'D NUMBER OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED RESISTANCE (OHMS)
1	EB LT.	4	6' X 50'	3-6-3	795	1.8
2	EB THRU.	4	6' X 50'	3-6-3	792	1.7
3	EB RT.	4	6' X 30'	3-6-3	491	1.1

THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP AND LEAD-IN INDUCTANCE, AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN ±20% OF THESE VALUES.

GENERAL NOTES

- THIS IMPROVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE I.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
- 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.
- HOT-MIX ASPHALT SURFACE COURSE QUANTITIES HAVE BEEN CALCULATED USING A RATE OF 125 LB/SY-IN.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED ON EACH END OF THE PROJECT AND ON ALL INTERSECTING SIDE ROADS. COST TO BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- COMMITMENTS PLEDGED: NONE



- EXISTING PCC PAVEMENT (10"-8"-10")
- EXISTING BITUMINOUS CONCRETE (±3")
- EXISTING BITUMINOUS WIDENING (7")
- MODIFIED LIME SOIL
- EXISTING BINDER COURSE (3/4")
- EXISTING SURFACE COURSE (1 1/2")
- EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- PROPOSED AGGREGATE (PRIME COAT)
- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70, 1 1/2"
- PROPOSED BITUMINOUS SURFACE REMOVAL, 1 1/2"

LEGEND

- CLASS B PATCHES (SPECIAL) OR CLASS D PATCHES - [Hatched pattern]
- SURFACE REMOVAL AND BITUMINOUS SURFACE COURSE - [Solid black pattern]
- POWER POLE - [Circle with cross]
- TRIP SIGNAL - [Triangle with cross]
- MANHOLE - [Square with cross]

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE USE	SURFACE	PATCH
AC/PG	PG 64-22	PG 64-22
RA? % MAX	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70
MIX COMPOSITION (GRADATION MIXTURE)	12.5	IL-19.0
FRICTION AGG	MIXTURE D	

REVISIONS	DATE	DESCRIPTION
6-11-09	Revised All Class D Patches Items to Reflect Patch Dept.	

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VILLAGE OF PONTOON BEACH
PONTOON ROAD RESURFACING PROJECT
SECTION 09-00006-01-R.S
SUMMARY OF QUANTITIES, GENERAL NOTES, TYPICAL SECTIONS

DWG. NO.	TYP SEC SHT 2_DWG
REF. BK.	PG.
JOB NO.	266059
DSN. E.	JHH
DWN. BY:	CL
CHK. BY:	JHr
DATE:	FEBRUARY, 2009