

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ALL ELEVATIONS REFER TO NATIONAL GEODETIC SURVEY (N.G.S.) DATUM.
- PROPOSED ELEVATIONS SHOWN ON THE PLANS AS ± ARE APPROXIMATE, EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
- FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 112 LBS. / SQ. YD. / IN.
- PLAN QUANTITIES FOR BITUMINOUS MATERIALS (PRIME COAT) WERE BASED ON USING 0.10 GAL. / SQ. YD. FOR CONCRETE, H.M.A. AND OIL & CHIP SURFACES. SIDE STREETS WITH AGGREGATE BASES SHALL BE PRIMED USING 0.25 GAL./SQ. YD.
- PLAN QUANTITIES FOR AGGREGATE (PRIME COAT) WERE BASED ON USING 3 LBS. / SQ. YD. FOR CONCRETE, H.M.A. AND OIL & CHIP. SIDE STREETS WITH AGGREGATE BASES SHALL BE PRIMED AT 5 LBS./SQ. YD.
- ALL PROPOSED STORM SEWERS SHALL BE REINFORCED CONCRETE CULVERT PIPE.
- FOR SIMPLICITY, STORM SEWER REMOVAL LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL STORM SEWER REMOVED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 551.05.
- SIDEWALKS CROSSING ENTRANCES AND SCHEDULED FOR REMOVAL WILL BE PAID FOR PER SQ. FT. FOR SIDEWALK REMOVAL. REPLACEMENT OF THE SIDEWALK ACROSS THE ENTRANCE WILL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH.
- THE CONTRACTOR HAS THE OPTION OF USING CONCRETE OR HOT-MIX ASPHALT FOR THE BASE COURSE WIDENING 11". IF THE CONTRACTOR ELECTS TO USE HOT-MIX ASPHALT, THEN HE/SHE SHALL USE THE MIX DESIGN FOR BINDER.
- THE ENGINEER SHALL RECORD ALL AREAS OF NO PARKING BEFORE H.M.A. REMOVAL OPERATIONS BEGIN.

SUMMARY OF QUANTITIES

C.O.D.E. NO.	CONSTRUCTION TYPE CODE ITEM	ROADWAY 75% FED/25% LOCAL	
		UNIT	TOTAL QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10
20800150	TRENCH BACKFILL	CU YD	110
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	21
35650510	BASE COURSE WIDENING 11"	SQ YD	119
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,373
40600300	AGGREGATE (PRIME COAT)	TON	20.6
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	100
40600990	TEMPORARY RAMP	SQ YD	307
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,538
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5,245
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	51
42400800	DETECTABLE WARNINGS	SQ FT	333
44000100	PAVEMENT REMOVAL	SQ YD	127
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	13,438
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	196
44000300	CURB REMOVAL	FOOT	461
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	280
44000600	SIDEWALK REMOVAL	SQ FT	5,223
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SQ YD	58.4
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	249.3
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	38.7
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	124.6
50901760	PIPE HANDRAIL	FOOT	28
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	73
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	138
55100400	STORM SEWER REMOVAL 10"	FOOT	38
55100500	STORM SEWER REMOVAL 12"	FOOT	26
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4
60255500	MANHOLES TO BE ADJUSTED	EACH	7
60280100	INLETS TO BE ADJUSTED	EACH	2
60280500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1
60500105	FILLING MANHOLES	EACH	2
60500305	FILLING INLETS	EACH	4
60600605	CONCRETE CURB, TYPE B	FOOT	708
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	41
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	13
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	284
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	542
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,684
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,261
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	206
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	90
72000100	SGN PANEL-TYPE 1	SQ FT	108
72900200	METAL POST - TYPE B	FOOT	361
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,884
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,261
78000850	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	206
X0328859	PAVEMENT IMPRINTING	SQ YD	165
X5011100	FOUNDATION REMOVAL	EACH	2
X6060505	CONCRETE CURB SPECIAL	FOOT	14.4
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	6
X7010218	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

* SPECIALTY ITEM

COMMITMENTS

NONE

HIGHWAY STANDARDS

280001-07	606001-05
424001-07	701201-04
424006-01	701301-04
424016-01	701501-06
424021-01	701801-05
424028-01	701901-02
424031-01	720006-03
442201-03	720011-01
602301-03	729001-01
604006-04	780001-03

MIX DESIGNS

MIXTURE USE	SURFACE
AC/FG	PG 64-22
RAP% (MAX.)	10%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION	MIX C
FRICITION AGG.	MIX C

MIXTURE USE	LEVELING BINDER
AC/FG	PG 64-22
RAP% (MAX.)	10%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION	IL-4.75
FRICITION AGG.	MIX C

MIXTURE USE	BINDER (BASE COURSE WIDENING 11")
AC/FG	PG 64-22
RAP% (MAX.)	15%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION	IL-19.0
FRICITION AGG.	---

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		SIDEWALK TO BE REMOVED
	FENCE		18" TREE
	EDGE OF EXISTING FEATURES		SOIL BORING LOCATION
	CONSTRUCTION LIMITS		PROPOSED DITCH
	EXISTING DITCH		PROPOSED MANHOLE
	UTILITY POLE		PROPOSED INLET
	UTILITY POLE W/ DOWN GUY		PROPOSED STORM SEWER
	LIGHT POLE		PROPOSED INLET / PIPE PROTECTION
	GAS METER		PROPOSED PERIMETER EROSION BARRIER
	WATER METER		EXISTING SPOT ELEVATION
	FIRE HYDRANT		PROPOSED SPOT ELEVATION
	WATER OR GAS VALVE		PROPOSED DEPRESSED CURB
	TELEPHONE PEDESTAL		PROPOSED HOT-MIX-ASPHALT SURFACING
	EXISTING SIGN		PROPOSED DETECTABLE WARNING
	PROPOSED SIGN		
	MAIL BOX		
	EXISTING MANHOLE		
	CONTROL POINT		

ABBREVIATIONS

T.C.	- TOP OF CURB
E.P.	- EDGE OF PAVEMENT
F.L.	- FLOW LINE
F. & G.	- FRAME AND GRATE
O.L.	- OPEN LID
C.L.	- CLOSED LID
SS1	- STORM SEWER TYPE 1
T.B.	- TRENCH BACKFILL
C	- EARTH EXCAVATION QUANTITY SHOWN ON CROSS SECTIONS
F	- EMBANKMENT QUANTITY SHOWN ON CROSS SECTIONS

SURVEY CONTROL POINTS

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1	5000.0000	5000.0000	441.79	TOP OF CONCRETE MONUMENT
CP #2	4947.4070	4894.1130	438.77	CUT "X" IN CONCRETE
CP #12	4950.7237	3264.2092	431.80	CUT "X" IN CONCRETE
CP #41	4890.5536	3308.4290	433.24	REBAR w/ SMS CAP
CP #45	4991.4554	5854.4041	445.44	TOP OF MAG NAIL
CP #46	4999.3429	6066.9023	447.14	CUT "X" IN CONCRETE
CP #47	4999.2427	6520.4163	445.88	CUT "X" IN CONCRETE
CP #48	4994.9752	6948.4679	446.06	CUT "X" IN CONCRETE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	2

CONTRACT NO. 97526

REVISIONS

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CITY OF WOOD RIVER, ILLINOIS
 FERGUSON AVENUE RESURFACING
 SECTION 10-00047-02-RS
 GENERAL NOTES, SUMMARY OF QUANTITIES, HIGHWAY STANDARDS,
 MIX DESIGNS, LEGEND & CONTROL POINTS

DWG. NO.	LPWOOD RIVER 488044
GENERAL NOTES.DWG	
REF. DR. PG.	
JOB NO.	488044
DSN. BY:	LDA
DWN. BY:	CAD
CHK. BY:	LDA
DATE:	APRIL, 2013

SCALE: NOT TO SCALE