

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8873	00-00012-00-PK	MADISON	18	2
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 97270**

**GENERAL NOTES**

- THE CONTRACTOR, AT HIS EXPENSE, SHALL DISPOSE OF ALL EXCESS MATERIALS EXCAVATED IN ACCORDANCE WITH SECTION 202.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2002.
- WHERE SECTION OR SUBSECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE STANDARDS WITH THE REVISION NUMBERS LISTED ON THE COVER SHEET AND IN THE PLANS SHALL HOLD PRECEDENCE OVER THE STANDARD NUMBERS LISTED IN THE SPECIAL PROVISIONS OR PLANS OF THIS CONTRACT.
- IN ORDER TO AVOID DAMAGE TO UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES NOT BELONGING TO THE J.U.L.I.E. SYSTEM AND OBTAIN THE LOCATION AND DEPTH OF THEIR RESPECTIVE FACILITIES.
- ALL AREAS DISTURBED FOR WHATEVER REASON, SHALL BE SEEDED WITH CLASS 1 SEEDING AS DESCRIBED IN THE SPECIAL PROVISIONS AND AS SHOWN ON THE PLANS.
- SITE GRADING SHALL BE PERFORMED AS NECESSARY AT DISCHARGE AND INLET POINTS FOR PIPE CULVERT/STORM SEWERS TO ALLOW PROPER FLOW. SUCH WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- THE SAW-CUTTING OF EXISTING ROAD PAVEMENT TO A SUFFICIENT DEPTH TO CREATE A CLEAN VERTICAL JOINT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE REMOVAL.
- REMOVAL OF AGGREGATE, OIL AND CHIP BITUMINOUS SURFACING, AND BITUMINOUS MATERIALS SHALL BE INCLUDED IN EARTH EXCAVATION. THIS QUANTITY IS INCLUDED IN THE EARTH EXCAVATION QUANTITY AS SHOWN ON SHEET & AND SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION.
- ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON MEAN SEA LEVEL (M.S.L.) DATUM.
- EXISTING UTILITIES SHOWN ON THE PLANS ARE PLOTTED FROM AVAILABLE INFORMATION. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE ONLY AND THERE MAY BE OTHERS NOT SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR IS ADVISED THAT ONLY LIMITED UNDERGROUND INVESTIGATION OF UTILITIES HAS BEEN PERFORMED IN CONNECTION WITH THIS PROJECT. SOME PLAN INFORMATION HAS BEEN OBTAINED FROM VISUAL SURFACE INSPECTION OR AVAILABLE DOCUMENTATION. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE PRESENCE, SPECIFIC SIZE, LOCATION OR CONDITION OF UNDERGROUND UTILITY AND DISTRIBUTION SYSTEMS. IN ORDER TO AVOID DAMAGE TO UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES BELONGING TO THE J.U.L.I.E. SYSTEM, ALONG WITH THOSE WHO DO NOT, AND OBTAIN THE LOCATION AND DEPTH OF THEIR RESPECTIVE FACILITIES. IT SHOULD BE NOTED THAT UTILITY SERVICE LINES ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO HAVE THEIR MAIN AND SERVICE LINES RELOCATED WHERE THEY CONFLICT WITH THE PROPOSED WORK.
- SURVEY INFORMATION SHOWN TAKEN FROM FIELD SURVEY PROVIDED BY JUNEAU ASSOCIATES, INC., P.C., DATED JULY 2005.
- CONCRETE WHEEL STOPS CURRENTLY EXIST ON SITE AROUND PERIMETER OF PROPERTY. CONTRACTOR SHALL REMOVE ALL WHEEL STOPS AND STOCKPILE, AT A LOCATION AS DIRECTED BY THE ENGINEER, FOR RE-USE FOLLOWING PARKING LOT IMPROVEMENTS AT THE LOCATIONS SHOWN ON THE PLAN. THIS WORK SHALL ALSO INCLUDE RELOCATING THE WHEEL STOPS FROM THE STOCKPILED AREA TO THE LOCATIONS SHOWN ON THE PLAN. THE CONTRACTOR SHALL NOT DAMAGE THE EXISTING WHEEL STOPS DURING REMOVAL. ANY DAMAGED WHEEL STOPS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. WHEEL STOPS PREVIOUSLY DAMAGED PRIOR TO CONSTRUCTION SHALL BE DISPOSED OF OFFSITE BY THE CONTRACTOR. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT UNIT PRICE EACH FOR "WHEEL STOP REMOVAL AND REPLACEMENT".
- SOIL BORINGS SHOWN IN THE PLANS CORRESPOND TO THE GEOTECHNICAL REPORT PREPARED BY QUALITY TESTING AND ENGINEERING, INC., AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL ACCUMULATED SILT SHALL BE REMOVED FROM THE STORM SEWER UPON COMPLETION OF THE IMPROVEMENTS SHOWN AND DISTURBED AREAS ARE STABILIZED. COST OF WORK SHALL BE INCLUDED IN COST OF EARTH EXCAVATION.
- CONTRACTOR SHALL RECORD DEPTHS & DIMENSIONS TO ALL UTILITY LOCATIONS UNEARTHED DURING CONSTRUCTION AND PROVIDE ARCHITECT/ENGINEER COPY UPON COMPLETION OF PROJECT. COST OF WORK SHALL BE INCLUDED IN COST OF EARTH EXCAVATION.
- POTABLE WATER SYSTEM EXTENSION TO BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF ILLINOIS STANDARDS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS DATED MAY 1996. MINIMUM COVER SHALL BE 42" FROM THE FINISHED GRADE TO THE TOP OF THE PIPE.
- THE CITY OF HIGHLAND SHALL PROVIDE CONNECTION TO EXISTING WATER MAIN AND WILL PROVIDE NEW WATER SERVICE AND WATER METER. CONTRACTOR SHALL COORDINATE WORK WITH THE CITY OF HIGHLAND AND SHALL PROVIDE NEW WATER SERVICE FROM WATER METER TO GROUND HYDRANT. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR WATER SERVICE AND GROUND HYDRANT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL PAVEMENT MARKINGS SHALL BE YELLOW EXCEPT WHERE NOTED OTHERWISE ON THE PLAN.
- PROPOSED CONTOURS GENERALLY REFLECT ULTIMATE FINISHED GRADE FOR THIS CONTRACT. FINISHED GRADES SHALL BE WITHIN 0.1 FT. OF PLAN GRADE WITH THE EXCEPTION OF ELEVATIONS FOR THE ACCESSIBLE PARKING AND ACCESS AISLES, WHICH SHALL BE AT PLAN GRADE. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT HAVE SLOPES EXCEEDING 1.75% IN ANY DIRECTION. FINISH GRADES EXCEEDING PLAN GRADES IN THESE AREAS WILL REQUIRE REMOVAL AND REPLACEMENT TO CONFORM TO DESIGN GRADES AT THE DIRECTION OF THE ENGINEER.
- PRIOR TO PLACEMENT OF AGGREGATE BASE COURSE FOR NEW PAVEMENT, FOLLOWING REMOVAL OF EXISTING OIL AND CHIP SURFACE, CONTRACTOR SHALL PROOF ROLL EXISTING AGGREGATE SURFACE IN THE PRESENCE OF THE ENGINEER FOR APPROVAL.
- THE FOLLOWING CONSTANTS WERE USED IN THE CALCULATION OF QUANTITIES FOR THIS PROJECT:
- NEW WHEEL STOPS SHALL BE PROVIDED AT THE CONTRACT UNIT PRICE FOR "FURNISHING AND INSTALLING CONCRETE WHEEL STOPS,"
 

NITROGEN FERTILIZER NUTRIENTS	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENTS	90 LBS/ACRE
MULCH	2 TONS/ACRE MULCH
BITUMINOUS CONCRETE	112 LBS/S.Y./INCH
BITUMINOUS MATERIALS	0.07 GAL/S.Y. (PAVED SURFACE)
	0.25 GAL/S.Y. (AGGREGATE SURFACE)
GRANULAR MATERIALS	2.05 TONS/C.Y.

**ABBREVIATIONS**

TBA	TO BE ADJUSTED	L	LENGTH
TBRBO	TO BE REMOVED BY OTHERS	LF	LINEAR FEET
TBR&R	TO BE REMOVED AND REPLACED	IN	INLET
TBR	TO BE REMOVED	INV	INVERT
AD	ALGEBRAIC DIFFERENCE	MAX	MAXIMUM
ASPH	ASPHALT PAVEMENT	MH	MANHOLE
BIT	BITUMINOUS CONCRETE	MJ	MECHANICAL JOINT
BND	BEND	MIN	MINIMUM
BVCE	BEGINNING VERTICAL CURVE ELEVATION	N	NORTHING
BVCS	BEGINNING VERTICAL CURVE STATION	NIC	NOT IN CONTRACT
C	CHORD LENGTH	PCC	PORTLAND CEMENT CONCRETE
C&G	CURB & GUTTER	PE	PIPE END
CI	CURB INLET	PL	PROPERTY LINE
CB	CATCH BASIN	PVC	POLYVINYL CHLORIDE PIPE
CL	CENTERLINE	PVI	POINT OF VERTICAL INTERSECTION
CMP	CORRUGATED METAL PIPE	R	RADIUS
CO	CLEAN OUT	RCBC	REINFORCED CONCRETE BOX CULVERT
CONC	CONCRETE	RCR	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	ROW	RIGHT OF WAY
DSFL	DOWN STREAM FLOW LINE	SAN	SANITARY
DTL	DETAIL	SB	SOIL BORING
DWG	DRAWING	SHT	SHEET
E	EASTING	STA	STATION
ELEC	ELECTRIC	STM	STORM
ELEV	ELEVATION	TELE	TELEPHONE
EM	ELECTRIC METER	TBM	TEMPORARY BENCH MARK
EOP	EDGE OF PAVEMENT	TYP	TYPICAL
EVCE	ENDING VERTICAL CURVE ELEVATION	UIP	USE IN PLACE
EVCS	ENDING VERTICAL CURVE STATION	USFL	UP STREAM FLOW LINE VERTICAL CURVE
EX	EXISTING	W	WEST
FES	FLARED END SECTION	WM	WATER METER
FTE	FINISHED FLOOR ELEVATION		
FH	FIRE HYDRANT		
FL	FLOW LINE		
GM	GAS METER		
GV	GAS VALVE		

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES LOCATED WITHIN THE THE LIMITS OF CONSTRUCTION. ADJUSTMENTS IN UTILITY LOCATIONS WILL BE MADE BY THE APPROPRIATE OWNER UNLESS OTHERWISE NOTED IN THE PLANS.

UTILITY OWNER	TYPE	REMARKS
SBC 203 GOETHE COLLINSVILLE, IL. 62234 (618) 346-6400	TELEPHONE	NO ADJUSTMENT REQUIRED
CITY OF HIGHLAND PUBLIC WORKS DEPARTMENT 2610 PLAZA DRIVE HIGHLAND, IL 62249-0218 (618) 654-7115	WATER	NO ADJUSTMENT REQUIRED
CHARTER COMMUNICATIONS 210 WEST DIVISION STREET MARYVILLE, IL. 62062 (618) 345-8121	CABLE TELEVISION	NO ADJUSTMENT REQUIRED
CITY OF HIGHLAND 1115 BROADWAY HIGHLAND, IL 62249-0218 (618) 654-7511	ELECTRIC	NO ADJUSTMENT REQUIRED
AMEREN IP 2600 NORTH CENTER STREET MARYVILLE, IL 62062 (618) 346-1207	GAS	NO ADJUSTMENT REQUIRED
VERIZON WIRELESS 124 POPLAR STREET HIGHLAND, IL 62249 (618) 654-8949	FIBER OPTIC	NO ADJUSTMENT REQUIRED

\* UTILITIES WHICH BELONG TO J.U.L.I.E.  
J.U.L.I.E. - JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS  
PHONE (800) 892-0123

J.U.L.I.E. WILL NOTIFY ALL UTILITY COMPANIES (BELONGING TO THE J.U.L.I.E. SYSTEM) INVOLVED THAT THEIR RESPECTIVE UTILITY SHOULD BE LOCATED. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.

COUNTY: MADISON  
TOWNSHIP: HELVETIA  
LOCATION: PROJECT IS LOCATED IN SECTION 6, TOWNSHIP 3 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPLE MERIDIAN.

THE PROJECT IS LOCATED NORTH OF STATE HIGHWAY 40, WEST APPROXIMATELY 0.5 MILES FROM THE CITY OF HIGHLAND IN MADISON COUNTY, ILLINOIS.

**LEGEND**

EXISTING		PROPOSED
	OIL & CHIP PAVEMENT	
	RIP RAP AREA	
	CONCRETE PAVEMENT	
	PROPERTY LINE	
	R.O.W. LINE	
	CONTOUR LINE	
	WATER LINE	
	GAS LINE	
	OVERHEAD ELECTRIC LINE	
	FIBER OPTIC CABLE	
	CULVERT	
	SILT FENCE	
	GROUND HYDRANT	
	SIGN	
	BOLLARD	
	POWER POLE	
	POWER POLE WITH LIGHT STANDARD	
	LIGHT STANDARD	
	BENCH MARK	
	SOIL BORING	
	CONTROL POINT	

DATE	BY
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	
NO.	

DATE	BY
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	
NO.	

**Juneau Associates, Inc. P.C.**  
CONSULTING ENGINEERS AND LAND SURVEYORS  
2100 State Street, P.O. Box 1325 / 100 North Research Drive  
Quincy, Illinois 62409-4725 / Edwardsville, Illinois 62025-3648  
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Fax: (618)452-2541 / Fax: (618)859-0541

**GENERAL NOTES & LEGEND**  
HIGHLAND PARK-RIDE IMPROVEMENTS  
MADISON COUNTY TRANSIT  
HIGHLAND, ILLINOIS  
SECTION No. 00-00012-00-PK

REVISIONS				SCALE:	
NO.	DATE	BY	REMARKS	DSN. BY:	SHEET
				RGL/AJW	12/20/05
				RGL/AJW	12/20/05
				RAK	12/20/05
DWG. NO.	JOB NO. E054401			DWG NAME:	OF 18 SHTS