

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007, AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS"; ADOPTED JANUARY 1, 2011 WITH THE DETAILS IN THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR HIS REPRESENTATIVES. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISPOSE OF ALL MATERIAL AND DEBRIS, RESULTING FROM CONSTRUCTION OPERATIONS, THE COST FOR THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION RELATED DEBRIS SHALL BE INCLUDED IN THE CONTRACT AND NO ADDITIONAL COST WILL BE INCURRED BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL EXISTING AREAS (TO REMAIN) AFFECTED BY CONSTRUCTION ACTIVITIES, EQUIPMENT, OR LABORERS TO THE ORIGINAL UNDISTURBED CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL THE COMPLETION OF THE CONTRACT.
- REMOVAL OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE DISPOSED OF OFF SITE AT LOCATIONS PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS PRESENT IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE END OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT, AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTORS' FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS, OR REMOVAL OF UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL PLAN THEIR WORK BASED ON THEIR OWN SOIL BORINGS, EXPLORATIONS, AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK. HOWEVER, THE OWNER HAS A SOILS REPORT AND THE RESULTS WILL BE AVAILABLE FROM THE OWNER UPON WRITTEN REQUEST.
- EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. ADDITIONAL COSTS ASSOCIATED WITH THE EXCAVATION, STOCKPILING, TRANSPORTATION, AND DISPOSAL OF THESE EXCESS MATERIALS SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR EARTH EXCAVATION.
- THE COST ASSOCIATED WITH THE INSTALLATION OF PROPOSED MEDIAN SIGN BOX-OUTS SHALL BE INCLUDED IN THE COST FOR "STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 8 INCH" AND "STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)"
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE AGREED UNIT PRICE BID FOR THE WORK.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION, AND NO ADDITIONAL COMPANSATION WILL BE ALLOWED.
- SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SAND BAGS PER BARRICADE.

STRUCTURAL DESIGN DATA

MORGAN STREET	COLLEGE AVENUE
DESIGN YEAR- 2031 DESIGN LIFE - 20 YEARS DESIGN ADT - 13,700 PV= 12060 SU= 960 MU= 680	DESIGN YEAR- 2031 DESIGN LIFE - 20 YEARS DESIGN ADT - 16,000 PV= 14080 SU= 1120 MU= 800
TRAFFIC FACTOR DESIGN PARAMETERS ROADWAY STREET CLASSIFICATION: CLASS I TRAFFIC FACTOR - 5.02 PCC PAVEMENT - 8" SUBGRADE SUPPORT RATING - POOR	TRAFFIC FACTOR DESIGN PARAMETERS ROADWAY STREET CLASSIFICATION: CLASS I TRAFFIC FACTOR - 5.561 PCC PAVEMENT - 8" SUBGRADE SUPPORT RATING - POOR

- PROPOSED LIGHT POLE FOUNDATIONS SHALL BE CONSTRUCTED FLUSH WITH THE PROPOSED FINISHED SURFACE.
- ONLY THOSE TREES SHOWN TO BE REMOVED ON THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. ALL OTHER SAWED JOINTS FOR REMOVALS, PATCHING, BUTT JOINTS, AND CONSTRUCTION STAGING SHALL NOT BE PAID FOR SEPARATELY, AND SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO FURTHER COMPENSATION WILL BE ALLOWED.
- CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE TO RESIDENT ENGINEER FOR ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

DRAINAGE

- DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.
- THE CONTRACTOR SHALL RECONNECT ALL EXISTING DRAINAGE TILES OR ACTIVE PIPES FOUND DURING EXCAVATION TO THE NEW STORM SEWER LINES IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS. THE COST OF INSTALLING THIS CONNECTION IS INCLUDED IN THE ASSOCIATED DRAINAGE ITEMS.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE DRAINAGE STRUCTURE COST.
- CEMENT BRICKS AND NON-SHRINK MORTAR SHALL BE USED IN ALL STORM STRUCTURES
- ALL OPENINGS IN PRECAST STRUCTURES SHALL BE FABRICATED TO THE PROPER SIZE. COSTS FOR THESE OPENINGS AND THE ASSOCIATED CONNECTIONS SHALL BE INCLUDED IN THE PAY ITEMS FOR THE STRUCTURES INVOLVED.
- ALL DRAINAGE STRUCTURES SHALL BE DELIVERED TO THE CITY WITHOUT SILT, DEBRIS OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE NEED FOR ADDITIONAL CLEANING OF THE STRUCTURES SHALL BE AT THE DIRECTION OF THE ENGINEER AND WILL NOT BE PAID FOR AS AN ADDITIONAL COST TO THE CONTRACT.
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.
- BEFORE ORDERING PIPE CULVERTS, STORM SEWER, INLETS, OR MANHOLES, THE CONTRACTOR SHALL VERIFY THE DEPTH OF EXISTING DOWNSTREAM STRUCTURES OR PIPES FOR CONNECTION.
- BEFORE ORDERING MANHOLE STRUCTURES, THE CONTRACTOR SHALL VERIFY WHETHER A CONICAL OR FLAT TOP IS NECESSARY ACCORDING TO FINAL FIELD MEASUREMENTS.
- ALL CONNECTIONS SHOWN IN PLANS BETWEEN PROPOSED AND EXISTING STORM SEWER PIPE ARE TO BE MADE AT THE EXISTING BELL END OF THE PIPE. NO ADDITIONAL PAYMENT SHALL BE MADE IF ALTERNATIVE CONNECTIONS ARE MADE USING CONCRETE COLLARS.

EARTH EXCAVATION

- PAYMENT FOR THE REMOVAL OF EXISTING AGGREGATE BASE COURSE SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM FOR EARTH EXCAVATION.
- EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS, OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE INCLUDED IN EARTH EXCAVATION.
- ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, ROADWAY WIDENING, SIDE ROADS, ENTRANCES OR NECESSARY EXCAVATIONS SHALL BE USED IN THE ROADWAY EMBANKMENT. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE INCLUDED IN EARTH EXCAVATION.
- STOCKPILES SHOWN IN CROSS-SECTIONS ARE FOR GRAPHICAL PURPOSES ONLY. MATERIAL SHOULD BE USED AS STRUCTURAL FILL AS LONG AS IT MEETS NECESSARY REQUIREMENTS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			20 YEAR ESAL
MIXTURE TYPE	AC TYPE	AIR VOIDS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50 (IL 9.5 MM)	PG 64-22	4% @ 50 GYR.	3.1
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22/58-22	4% @ 50 GYR.	
TEMPORARY PAVEMENT			
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22/58-22	4% @ 50 GYR.	
TEMPORARY RAMP			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50 (IL 9.5 MM)	PG 64-22	4% @ 50 GYR.	
TEMPORARY RAMP			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50 (IL 9.5 MM)	PG 64-22	4% @ 50 GYR.	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22/58-22	4% @ 50 GYR.	

I.D.O.T. HIGHWAY STANDARD DRAWINGS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 M) JOINTED PCC PAVEMENT
420106-04	36' (10.8 M) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
420501-04	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
420701-02	PAVEMENT FABRIC
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-02	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
601001-04	SUB-SURFACE DRAINS
602401-03	MANHOLE, TYPE A
602406-04	MANHOLE, TYPE A, 1.8m (6') DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
630001-09	STEEL PLATE BEAM GUARDRAIL
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS<40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-04	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
836001	LIGHT POLE FOUNDATION
BE 301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' M.H. (14.478 m) 15" (381mm) BOLT CIRCLE
BE 702	MISC. ELECTRICAL DETAILS - SHEET A
BLR 21	TYPICAL APPLICATION OF TRAFFIC CONTROL FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22	TYPICAL APPLICATION OF TRAFFIC CONTROL FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

I.D.O.T. DISTRICT 2 STANDARD DRAWINGS

4.1	DRAINAGE SCUPPER DS-12 INSIDE FASCIA BEAM
25.1	PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED
29.4	ENTRANCE APPROACHES - URBAN AREA
32.1	SILICONE JOINT SEAL (CONCRETE DETAILS)
32.1	SEWER AND WATER MAIN CROSSINGS
33.1	CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS
34.4	THRUST BLOCK DETAILS
35.4	SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS
36.4	CONCRETE GUTTER, TYPE A (SPECIAL)
41.1	TYPICAL PAVEMENT MARKINGS
44.1	PAINTING DETAILS
60.2	DISABLED RAMP DETAIL
92.1	DETAILS OF PLANTING AND BRACING TREES

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USER NAME = Steve Prange	DESIGNED - SJP / MNB	REVISED -
PLOT SCALE = 40.0000' / IN.	DRAWN - ERD	REVISED -
PLOT DATE = 02/04/11	CHECKED - SJP	REVISED -
	DATE - 02/04/2011	REVISED -

**CITY OF ROCKFORD
MORGAN STREET BRIDGE**

GENERAL NOTES

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5077	99-00493-00-BR	WINNEBAGO	253	2
CONTRACT NO. 85529				
FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT BRM-5099651				