

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISION FOR CONSTRUCTION ZONE TRAFFIC CONTROL UNLESS PRIOR APPROVAL IS RECEIVED FROM THE CITY
2. THE TYPE III BARRICADES SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
3. ANY DROP OFF GREATER THAN THREE (3) INCHES BUT LESS THAN SIX (6) INCHES, WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE II BARRICADES, OR VERTICAL PANELS WITH MONO DIRECTIONAL STEADY BURNING LIGHTS AT 50 FOOT CENTER TO CENTER SPACING.
4. IF THE DROP OFF WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE EXCEEDS SIX (6) INCHES, THE BARRICADES, OR VERTICAL PANELS MENTIONED ABOVE SHALL BE PLACED AT FIFTY (50) FOOT CENTER TO CENTER SPACING. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
5. TYPE II BARRICADES WITH TWO-WAY STEADY BURNING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNED BY THE ENGINEER OR REQUESTED BY LOCAL AGENCIES.
6. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, VERTICAL PANELS, WARNING LIGHTS, AND SIGNS WILL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN AGGREGATE DRIVEWAYS FOR TEMPORARY ACCESS AT ALL TIMES FOR ALL APPROACHES AND ENTRANCES ACCORDING TO ARTICLE 402 OF THE STANDARD SPECIFICATIONS. ALL ENTRANCES SHALL BE MAINTAINED 24 HOURS PER DAY, SEVEN DAYS PER WEEK.
8. TEMPORARY SIGNING AS SHOWN IN THE PLANS SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST FOR INSTALLING, ERECTING, MAINTAINING, RELOCATING, AND REMOVING THESE SIGNS SHALL BE INCLUDED IN THE ITEM FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
9. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST SEVEN (7) DAYS IN ADVANCE OF THE SCHEDULED TRAFFIC CHANGE.
10. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST 3 WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES FOR APPROVAL OF SUCH DATE.
11. IF DEEMED NECESSARY BY THE ENGINEER A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
12. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVES FOR THE DETOUR SIGNING PRIOR TO THE START OF WORK.
13. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
14. DIMENSIONS SHOWN ON THE DETOUR PLAN FOR PLACEMENT OF SIGNS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
15. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY THE CONTRACTOR ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
17. THE CONTRACTOR SHALL MAKE ALL CHANGES IN SIGNING THAT ARE DEEMED NECESSARY BY THE ENGINEER.
18. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.
19. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
20. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
21. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 12'-0" IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
22. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
23. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES, IDOT, AND INTERESTED PARTIES.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW REMOVAL WITHIN THE CONSTRUCTION WORK ZONE DURING CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR THE REMOVAL OF SNOW WITHIN THE CONSTRUCTION WORK ZONE.

SEQUENCE OF CONSTRUCTION

PROJECT START-UP ACTIVITY

- SETUP AND MAINTAIN PROJECT DETOUR CONFIGURATION AS SHOWN IN THE PLANS.
- INSTALL AND MAINTAIN ALL NECESSARY EROSION CONTROL THROUGHOUT THE LENGTH OF THE PROJECT.

STRUCTURE CONSTRUCTION

- INSTALL PROTECTIVE SHIELD SYSTEM
- REMOVE EXISTING BRIDGE SUPERSTRUCTURE
- REMOVE EXISTING ABUTMENTS
- REMOVE EXISTING BRIDGE PIERS, EXCEPT FOR THE 4 THAT WILL BE USED DURING THE TIE-GIRDER ERECTION (SEE STRUCTURAL STAGING SHEETS)
- INSTALL COFFERDAM AT WEST PIER
- COMPLETE EARTHWORK AND GRADING, INCLUDING MULTI-USE PATH AT EAST ABUTMENT AND GRADING FOR BRIDGE CONE AT WEST ABUTMENT.
- EXCAVATE AND INSTALL AGGREGATE COLUMNS FOR THE CONSTRUCTION OF THE MECHANICALLY STABILIZED EARTH RETAINING WALL AT THE WEST APPROACH.

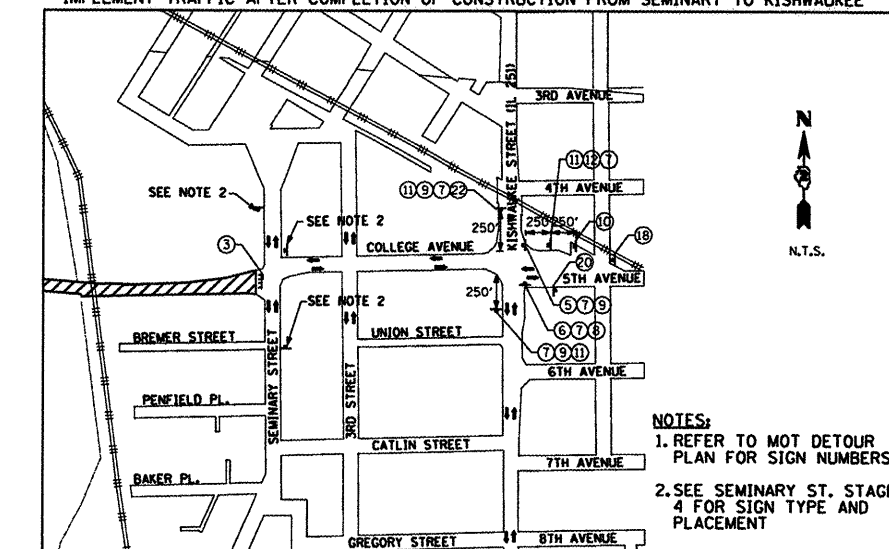
STRUCTURE CONSTRUCTION

- CONSTRUCT EAST AND WEST PIER AND ABUTMENT SUB-STRUCTURE ELEMENTS
- ERECT THE TIE-GIRDERS FOR APPROACH AND RIVER SPANS USING THE EXISTING BRIDGE PIERS FOR SUPPORT
- INSTALL FLOOR BEAMS AND LOWER LATERAL BRACING
- CONSTRUCT TEMPORARY TOWERS THAT WILL BE USED TO SUPPORT THE ARCH RIB ERECTION
- ERECT THE ARCH RIBS ALONG THE RIVER SPAN
- INSTALL UPPER LATERAL BRACING ON ARCH RIBS
- INSTALL PROPOSED HANGERS FROM ARCH RIBS
- DEMOLISH THE FOUR REMAINING EXISTING PIERS
- REMOVE TEMPORARY SUPPORT TOWERS FOR ARCH RIBS
- FORM THE BRIDGE DECK AND INSTALL NECESSARY REINFORCEMENT
- POUR THE CONCRETE DECK ON THE APPROACH SPANS
- POUR THE CONCRETE DECK ON THE RIVER SPAN PORTION OF THE BRIDGE
- FORM BARRIER WALL ON BRIDGE AND INSTALL REINFORCEMENT
- INSTALL HANDRAIL AND LIGHTING FIXTURES

MORGAN STREET CONSTRUCTION (WEST SIDE ROCK RIVER) MAIN STREET TO WEST ABUTMENT

- REMOVE EXISTING PAVEMENT, CONCRETE CURB & GUTTER, SIDEWALK, DRAINAGE STRUCTURES, RETAINING WALLS, AND OTHER MISCELLANEOUS ITEMS FROM PROJECT LIMITS (MAIN STREET-IL RTE 2) TO WEST BRIDGE LIMITS (MAINTAIN SIDEWALK ON ONE SIDE AT ALL TIMES FROM MAIN STREET TO ROCK STREET)
- COMPLETE SANITARY SEWER ADJUSTMENTS
- COORDINATE CC&P RAILROAD CROSSING IMPROVEMENTS WITH DRAINAGE AND PAVEMENT CONSTRUCTION
- INSTALL PROPOSED DRAINAGE SYSTEM FROM THE OUTLET AT KENT CREEK TO IMPROVEMENT LIMITS AT MAIN ST.
- EARTH EXCAVATION AND GRADING FOR BRIDGE CONE EMBANKMENT, INCLUDING STOCKPILED MATERIAL LOCATED ON THE WEST BANK OF ROCK RIVER
- CONSTRUCT PROPOSED SUBBASE GRANULAR MATERIAL FOR PAVEMENT
- CONSTRUCT THE PROPOSED CURB AND GUTTER FROM THE WEST ABUTMENT TO MAIN STREET
- CONSTRUCT BRIDGE APPROACH PAVEMENT AT WEST ABUTMENT
- CONSTRUCT THE PROPOSED MAINLINE CONCRETE PAVEMENT (ACCESS FOR CONSTRUCTION TRAFFIC WILL BE LIMITED TO USING BUCHANAN STREET TO AVOID DRIVING ON NEW PAVEMENT)
- CONSTRUCT PROPOSED DRIVEWAY AND ENTRANCE PAVEMENTS FOR COMMERCIAL ACCESS POINTS
- PREPARE AND GRADE SUBBASE FOR SIDEWALK AND MULTI-USE PATH
- CONSTRUCT SIDEWALK AND MULTI-USE PATH CONCRETE PAVEMENT
- COMPLETE FINAL GRADING, TOPSOIL PLACEMENT, AND LANDSCAPING
- PLACE PAVEMENT MARKINGS AND INSTALL REFLECTORS
- INSTALL PROPOSED PERMANENT SIGNAGE
- INSTALL PROPOSED LIGHTING AND ELECTRICAL SERVICE

TRAFFIC CONFIGURATION FROM SEMINARY TO KISHWAUKEE (AFTER 2011)
IMPLEMENT TRAFFIC AFTER COMPLETION OF CONSTRUCTION FROM SEMINARY TO KISHWAUKEE



MORGAN STREET CONSTRUCTION (EAST SIDE ROCK RIVER) EAST ABUTMENT TO THIRD STREET

PRE-STAGE

- REMOVE EXISTING PAVEMENT, CONCRETE CURB & GUTTER, SIDEWALK, DRAINAGE STRUCTURES, RETAINING WALLS, AND OTHER MISCELLANEOUS ITEMS FROM EAST BRIDGE ABUTMENT TO THIRD STREET. (MAINTAIN SIDEWALK ON ONE SIDE AT ALL TIMES)
- EARTH EXCAVATION FROM EAST ABUTMENT TO SEMINARY STREET AND TRANSPORT EXCESS MATERIAL TO WEST SIDE FOR BRIDGE CONE GRADING
- COMPLETE SANITARY SEWER RELOCATION AT THE EAST ABUTMENT
- CONSTRUCT TEMPORARY HALL ROAD ALONG EAST BANK OF ROCK RIVER EXTENDING TO COMED ENTRANCE
- INSTALL THE PROPOSED DRAINAGE SYSTEM FROM THE RIVER OUTLET TO THIRD STREET
- EARTHWORK AND BRIDGE CONE GRADING AT EAST ABUTMENT

STAGE 1

- COMPLETE WATER MAIN RELOCATION
- CONSTRUCT PROPOSED SUBBASE GRANULAR MATERIAL FOR PAVEMENT
- CONSTRUCT PROPOSED CURB AND GUTTER FROM THE EAST ABUTMENT TO THIRD STREET
- CONSTRUCT BRIDGE APPROACH PAVEMENT AT EAST ABUTMENT
- CONSTRUCT CONCRETE RETAINING WALL ON SOUTHEAST BRIDGE BARRIER WALL TERMINAL AND ALONG MULTI-USE PATH
- CONSTRUCT PROPOSED MAINLINE CONCRETE PAVEMENT
- CONSTRUCT PROPOSED DRIVEWAY AND ENTRANCE PAVEMENT

MORGAN STREET CONSTRUCTION (EAST SIDE ROCK RIVER) THIRD STREET TO KISHWAUKEE STREET

STAGES 1 THROUGH 3

- INSTALL AND MAINTAIN TEMPORARY TRAFFIC CONTROL
- REMOVE EXISTING PAVEMENT, CONCRETE CURB & GUTTER, SIDEWALK, AND DRAINAGE STRUCTURES FROM THIRD STREET TO KISHWAUKEE STREET. (MAINTAIN SIDEWALK ON ONE SIDE AT ALL TIMES)
- COMPLETE WATER MAIN RELOCATION
- INSTALL DRAINAGE STRUCTURES AND LATERAL STORM SEWERS
- CONSTRUCT PROPOSED SUBBASE GRANULAR MATERIAL FOR PAVEMENT
- CONSTRUCT PROPOSED CONCRETE CURB AND GUTTER
- CONSTRUCT PROPOSED MAINLINE CONCRETE PAVEMENT
- CONSTRUCT PROPOSED DRIVEWAY AND ENTRANCE PAVEMENT FOR RESIDENTS

STAGE 4

- GRADING AND SUBBASE PREPERATION FOR SIDEWALK
- CONSTRUCT SIDEWALK CONCRETE PAVEMENT
- COMPLETE FINAL GRADING, TOPSOIL PLACEMENT, AND LANDSCAPING
- PLACE PAVEMENT MARKINGS AND INSTALL REFLECTORS
- INSTALL PROPOSED PERMANENT SIGNAGE
- INSTALL PROPOSED LIGHTING AND ELECTRICAL SERVICE
- CHANGE MOT DETOUR TO REFLECT MOT DETOUR DETAIL 1 AFTER COMPLETION OF COLLEGE AVE. FROM SEMINARY STREET TO KISHWAUKEE STREET
- OPEN COLLEGE AVENUE TO LOCAL TRAFFIC FROM SEMINARY STREET KISHWAUKEE STREET

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USER NAME = Steve Prange	DESIGNED - SJP / MNB	REVISED -
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FLAT DATE = 02/04/11	CHECKED - SJP	REVISED -
	DATE = 02/04/2011	REVISED -

**CITY OF ROCKFORD
MORGAN STREET BRIDGE**

**SUGGESTED SEQUENCE OF CONSTRUCTION
& MOT GENERAL NOTES**

SCALE: N.T.S. SHEET NO. 1 OF 24 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5077	99-00493-00-BR	WINNEBAGO	253	36
CONTRACT NO. 85529				
FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT BRW-509965				