INDEX OF SHEETS

55

534

BRIDGE APPROACH PAVEMENT DETAIL

| | | INDEX OF SHEETS | | | |
|-----------|---------|--|---------|------------|---|
| SHEET NO. | DWG NO. | DESCRIPTION | | | |
| 1 | | TITLE SHEET | 56-85 | | CITY OF NAPERVILLE ELECTRICAL PLANS |
| 2 | | INDEX OF SHEETS, LIST OF STATE STANDARDS AND GENERAL NOTES | 86 | BD-7 | DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER |
| 3-5 | | SUMMARY OF QUANTITIES | 87 | TC-10 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, |
| 6 | | SCHEDULE OF QUANTITIES | | | INTERSECTIONS AND DRIVEWAYS |
| 7 | | TYPICAL SECTIONS | 88 | TC-13 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS |
| 8 | | ALIGNMENT AND TIES | 89 | | CITY OF NAPERVILLE STANDARD DETAILS |
| 9 | | DETOUR PLAN | 90-95 | | CROSS SECTIONS |
| 10-11 | | EXISTING CONDITIONS | 96 | W1.0 | IMPACT PLAN (PLANNING RESOURCES) |
| 12-13 | | PROPOSED PLAN AND PROFILE | 97-100 | SD1.0-SD4. | |
| 14-18 | | EROSION CONTROL AND PROPOSED GRADING PLAN | 101 | L1.0 | FIREMEN'S MEMORIAL LANDSCAPE PLAN (PLANNING RESOURCES) |
| 19-20 | | STRIPING PLAN | 102-106 | L1-L5 | BRETHREN PEACE PLAZA PLANS (SIGNATURE GROUP) |
| 21 | | PROPOSED LIGHTING PLAN | | | |
| 22 | S1 | GENERAL PLAN | | | |
| 23 | S2 | GENERAL NOTES, FOOTING LAYOUT AND TOTAL BILL OF MATERIAL | | | |
| 24 | S3 | TOP OF SLAB ELEVATIONS | | | |
| 25 | S4 | TOP OF SLAB ELEVATIONS | | | |
| 26 | \$5 | TOP OF SLAB ELEVATIONS | | | |
| 2₹ | S6 | SUPERSTRUCTURE PLAN | | | |
| 28 | S7 | SUPERSTRUCTURE CROSS SECTIONS | | | |
| 29 | S8 | PEDESTRIAN SCREEN AND SIDEWALK | | | |
| 30 | S9 | ABUTMENT DIAPHRAGM - TYPICAL | | | CTATE CTANDADDC |
| 31 | S10 | ABUTMENT DIAPHRAGM - NORTH END | | | STATE STANDARDS |
| 32 | S11 | SUPERSTRUCTURE DETAILS AND BAR LIST | 000001 | ı-05 S | TANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 33 | S12 | BRIDGE MOUNTED RAILING DETAILS | 280001 | -04 1 | EMPORARY EROSION CONTROL SYSTEMS |
| 34 | \$13 | OFF-BRIDGE RAILING DETAILS | 420001 | -07 F | AVEMENT JOINTS |
| 35 | S14 | DRAINAGE SCUPPER, DS-12 | 420401 | -07 E | RIDGE APPROACH PAVEMENT CONNECTOR |
| 36 | \$15 | STRUCTURAL STEEL FRAMING PLAN | 424001 | -05 0 | URB RAMPS FOR SIDEWALKS |
| 37 | \$16 | STRUCTURAL STEEL DETAILS | 515001- | -03 N | AME PLATE FOR BRIDGES |
| 38 | \$17 | ABUTMENT AND PIER BEARINGS | 542101- | | EINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 375 mm (15") HRU 900 mm (36") DIA, AT RIGHT ANGLES WITH ROADWAY |
| 39 | S18 | WEST ABUTMENT PLAN & ELEVATION | 542311- | | RATING FOR CONCRETE FLARED END SECTION |
| 40 | S19 | WEST ABUTMENT DETAILS | 0.2011 | | FOR 600mm (24") THRU 1300mm 54") PIPE |
| 41 | S20 | EAST ABUTMENT PLAN & ELEVATION | 601101- | -01 0 | ONCRETE HEADWALL FOR PIPE DRAIN |
| 42 | S21 | EAST ABUTMENT DETAILS | 602301 | -02 I | NLET, TYPE A |
| 43 | S22 | ABUTMENT DETAILS | 602306 | 5-02 I | NLET. TYPE B |
| 44 | \$23 | LOW FLOW WALKWAY | 602401 | -02 N | IANHOLE, TYPE A |
| 45 | S24 | PIERS 1 & 2 | 602701 | -02 N | IANHOLE STEPS |
| 46 | S25 | BAR SPLICER ASSEMBLY DETAILS | 604001 | -03 F | RAME AND LIDS TYPE 1 |
| 47 | S26 | CANTILEVER FORMING BRACKET DETAILS | 604006 | 6-04 F | RAME AND GRATE TYPE 3 |
| 48 | S27 | SOIL BORING LOGS | 606001 | -04 0 | ONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 49 | S28 | EXISTING STRUCTURE SOIL BORING LOGS | 664001 | -02 0 | HAIN LINK FENCE |
| 50 | S29 | APPROACH PAVEMENT DETAILS | 701701- | -06 L | RBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 51 | \$30 | OFF-BRIDGE PEDESTRIAN SCREEN | 701801- | | ANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 52 | \$31 | JUNCTION CHAMBER DETAILS | 701901- | -01 1 | RAFFIC CONTROL DEVICES |
| 53 | S32 | HEADWALL AND APRON DETAIL | | | |
| 54 | S33 | BRIDGE APPROACH PAVEMENT DETAIL | | | |

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITY FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF NAPERVILLE.

THE CONTRACTOR SHALL PROTECT THE CITY OF NAPERVILLE'S DEPARTMENT OF PUBLIC UTILITIES UNDERGROUND CABLES THROUGHTOUT THE PROJECT LIMITS.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON THE STATE OR CITY OF NAPERVILLE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT AND THE CITY.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (I) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS PER BARRICADE.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

FOR STRUCTURAL GENERAL NOTES, SEE STRUCTURAL PLANS.

DRAINAGE STRUCTURE STATIONS, OFFSETS AND RIM ELEVATIONS ARE GIVEN TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE GUTTER AREA.

THE COST OF THE PROPOSED STORM SEWERS AND PIPE TEE SHALL INCLUDE THE COST FOR MAKING THE CONNECTIONS TO THE EXISTING STORM SEWERS INCLUDING CONCRETE COLLARS.

THE CONTRACTOR SHALL TRANSITION CURB AND GUTTERS AND SIDEWALKS TO MEET EXISTING AT THE LIMITS OF THE PROJECT. THE COST OF ANY TRANSITION SHALL BE INCLUDED IN THE COST OF THE RELATED ITEM OF CONSTRUCTION.

THE CONTRACTOR SHALL NOTE THE PRESENCE OF THE LIGHT STANDARDS IDENTIFIED ON THE 'EXISTING CONDITIONS' PLAN. THE CONTRACTOR, AT HIS/HER OPTION, MAY REMOVE, STORE AND RE-ERECT LIGHT STANDARDS THAT ARE IN CONFLICT WITH HIS NORMAL OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE CITY OF NAPERVILLE, DEPARTMENT OF PUBLIC UTILITIES IN WRITING SEVEN (7) DAYS PRIOR TO REMOVAL FOR ANY REQUIREMENTS REGARDING REMOVAL, STORAGE AND RE-ERECTION. PRIOR TO REMOVAL OF ANY EQUIPMENT THE CONTRACTOR SHALL ARRANGE AN INVENTORY INSPECTION WITH THE ENGINEER. THIS OPTION AND ASSOCIATED REQUIREMENTS WILL NOT BE CAUSE FOR ADDITIONAL COMPENSATION. ANY DAMAGE TO THESE LIGHT STANDARDS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

ALL COMPENSATORY STORAGE SHALL BE OPERATIONAL PRIOR TO PLACEMENT OF FILL, STRUCTURES, OR OTHER MATERIALS IN THE REGULATORY FLOOD PLAIN. GRADING IN SPECIAL MANAGEMENT AREAS SHALL BE DONE IN SUCH A MANNER THAT THE EXISTING FLOOD PLAIN STORAGE IS MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS FROM THE SITE.

THE CITY OF NAPERVILLE AND THE NAPERVILLE PARK DISTRICT - SHALL BE NAMED AS ADDITIONAL INSURED ON ALL INSURANCE POLICIES, EXCEPT FOR WORKERS COMPENSATION.

THE CONTRACTOR SHALL MAINTAIN EXISTING STORM SEWER OUTFALLS TO THE RIVER. THE CONTRACTOR IS MADE AWARE THAT THERE IS EXISTING STORM SEWER OUTFALLS OF VARYING SIZE FROM 24-INCH TO 78-INCH DIAMETER PIPE, THE CONTRACTOR MUST PROVIDE ADEQUATE CAPACITY FOR THESE EXISTING PIPES THROUGH OR AROUND HIS CONSTRUCTION ACTIVITIES AT ALL TIMES, THE CONTRACTOR MUST SUBMIT HIS PROPOSED TEMPORARY DRAINAGE METHODS TO THE ENGINEER FOR APPROVAL PRIOR TO REMOVING OR OBSTRUCTING ANY EXISTING STORM SEWER OUTFALL. THIS WORK SHALL BE INCIDENTAL TO THE REPLACEMENT STORM SEWER COST.

THE CONTRACTOR SHALL NOTE THAT SHEETS 102-106 ARE DRAWN TO A DIFFERENT SCALE THAN THE REST

ALL SIDEWALK RAMPS SHALL BE TYPE B RAMPS.

CANOEIST/KAYAKERS: THE CONTRACTOR SHALL INSTALL TWO ADVISORY SIGNS FOR THE CANOEISTS/KAYAKERS AS SHOWN IN THE DETOUR PLAN. ONE SIGN SHALL BE PLACED APPROXIMATELY 150 FT. UPSTREAM OF THE CENTERLINE OF JEFFERSON AVENUE BRIDGE AND THE OTHER SIGN SHALL BE INSTALLED APPROXIMATELY 200 FT. DOWNSTREAM OF THE CENTERLINE OF JEFFERSON AVENUE BRIDGE AS DIRECTED BY THE ENGINEER. THESE SIGNS WILL BE PROVIDED BY THE CITY OF NAPERVILLE. IN ADDITION TO THESE SIGNS THE CONTRACTOR MAY BE REQUIRED TO INSTALL TRAIL BLAZER SIGNS AS DIRECTED BY THE ENGINEER FOR THE SAFETY OF PORTAGERS.

A PORTAGE PATH ROUTE SHALL BE AS FOLLOWS:
THE CANOEIST/KAYAKERS SHALL EXIT THE WEST BRANCH DUPAGE RIVER WATERCOURSE ONTO THE WEST BANK OF THE RIVER AND ONTO THE WILOWAY PARK PROPERTY TO PORTAGE THEIR WATERCRAFT AROUND THE WEST SIDE OF THE BRIDGE CONSTRUCTION AREA. THEY MUST THEN CROSS OVER JEFFERSON AVENUE AND PROCEED SOUTHWARDS INTO THE FIREMAN MEMORIAL PARK AND THEREFORE NECESSARILY INTO AND THROUGH THE CONSTRUCTION EASEMENT-WORK ZONE AREA OF THE PROJECT

THE COST OF THE ABOVE WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR.

CONTRACTOR TO MAINTAIN THE EXISTING STORM SEWER FLOW DURING CONSTRUCTION OF THE BRIDGE AND ROADWAY WORK. THIS WORK TO BE DONE TO THE SATISFACTION OF THE ENGINEER AND THE COST OF THIS WORK SHALL BE INCIDENTAL TO STORM SEWER INSTALLATION.

THE EXISTING "RIVERWALK" IS LOCATED ON THE SOUTH SIDE OF JEFFERSON AVENUE APPROXIMATELY AT STA. 9+00. WHICH IS OWNED BY THE CITY OF NAPERVILLE.

THE PROPOSED RIVERWALK EXTENDS BEYOND THE PROPOSED RIGHT OF WAY LINE IN ORDER TO MAINTAIN A MAXIMUM 5% LONGITUDINAL SLOPE AS PER "ADA" REQUIREMENT, HOWEVER; IT IS STILL WITHIN THE PROPERTY OWNED BY THE CITY OF NAPERVILLE.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF APPLICABLE TEMPORARY TRAFFIC CONTROL DEVICES.

| CONTH | ACT NO. 8387 | 2/ | | | | |
|----------------|--------------|--------|--------|-----|-----------------|-------------|
| F.A.U. RTE. | SECTION | 1 | COUN | TY | TOTAL SHEETS | SHEE NO. |
| 3570 | 00-00116-0 | o-BR | DUPA | GE | 106 | 2 |
| STA. | | TC | STA. | | | |
| FED. RO | AD DIST. NO. | ILLINO | S FED. | AID | PROJECT | |

| | REVISIONS | |
|-----|--------------|----------|
| | NAME | DATE |
| | DEC & CLIENT | 9/13/05 |
| PER | IDOT | 11/1/05 |
| PER | NAPERVILLE | 11/18/05 |
| | | |
| | | |
| | | |

ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS, LIST OF STATE STANDARDS & GENERAL NOTES JEFFERSON AVENUE OVER WEST BRANCH DUPAGE RIVER

SCALE: NO SCALE APRIL 6, 2009 DRAWN BY BCD CHECKED BY HRT