

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1312	0707-B	COOK	80	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60B98

INDEX OF SHEETS

SHEET NUMBER

1	TITLE SHEET
2	INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS AND COMMITMENTS
3-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS
8	SCHEDULES OF QUANTITIES
9	ALIGNMENT, TIES, AND BENCHMARKS
10	PLAN AND PROFILE
11-12	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
13	EROSION AND SEDIMENT CONTROL DETAILS
14	DRAINAGE AND UTILITIES PLAN
15	RIGHT-OF-WAY PLAN
16	PAVEMENT MARKING PLAN
17	LANDSCAPING PLAN
18	GRADING PLAN
19-28	TRAFFIC SIGNAL PLANS
29-34	LIGHTING PLANS
35-66	STRUCTURE PLANS
67-69	MWRD DETAILS
70	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER (BD-7)
71	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
72	BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51)
73	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
74	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
75	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
76	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
77	ARTERIAL ROAD INFORMATION SIGN (TC-22)
78-80	CROSS SECTIONS
	HIGHWAY STANDARDS

STATE STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420401-06	BRIDGE APPROACH PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
515001-02	NAME PLATE FOR BRIDGES
542101-01	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 75 mm (15") THRU 900 mm (36") DIA. AT RIGHT ANGLES WITH ROADWAY.
542106-01	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERT 1050 mm (42") THRU 1500 mm (60") DIA. AT RIGHT ANGLES WITH ROADWAY.
542601	REINFORCED CONCRETE PIPE ELBOW
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN TYPE A
602301-01	INLET TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604086-01	FRAME AND GRATE TYPE 23
606001-03	CONCRETE CURB AND GUTTER TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-01	CHAIN LINK FENCE
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES

MWRD GENERAL NOTES

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
- ELEVATION OF DATUM IS NGVD 29.
- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED (SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
(A) CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
(B) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
(C) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18 INCHES VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18 INCHES VERTICAL SEPARATION. IF EITHER THE VERTICAL AND HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- THE CONTRACTOR SHALL PROTECT AND UTILIZE EXTREME CARE WORKING WITHIN THE VICINITY OF THE MWRD FACILITIES.
- THE CONTRACTOR SHALL MAINTAIN ADEQUATE ACCESS AS DIRECTED BY THE ENGINEER TO ALL MWRD FACILITIES, 24 HOURS A DAY.
- THE CONTRACTOR SHALL SUBMIT THE PLAN AND METHODOLOGY FOR DRIVING SHEET PILES AROUND MWRD STRUCTURES TO THE MWRD AND THE ENGINEER FOR REVIEW TO AVOID DAMAGE TO DISTRICT FACILITIES AND APPROVAL THREE (3) WEEKS PRIOR TO THE START OF WORK AND THE MWRD STRUCTURES SHALL BE PROTECTED AS PER THE DETAILS OF SHORING AND BRACING SYSTEM PLANS SIGNED AND SEALED BY AN ILLINOIS REGISTERED STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL COMPLY WITH THE GENERAL CONDITION OF THE MWRD PERMIT. THE COST FOR COMPLYING WITH THESE MWRD REQUIREMENTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL THE MWRD FACILITIES AT ALL THE TIME DURING CONSTRUCTION.
- THE CONTRACTOR SHALL FOLLOW AND ABIDE BY ALL THE GENERAL CONDITIONS AND REQUIREMENTS OF THE MWRD PERMIT. THE PERMIT WILL BE AVAILABLE AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT ONE OFFICES FOR INSPECTION BY THE CONTRACTOR PRIOR TO THE PROJECT LETTING OR MAY BE INCLUDED IN THE CONTRACT DOCUMENTS. A COPY OF THE APPROVED PERMIT WILL BE AVAILABLE WITH THE ENGINEER AT ALL TIMES FOR COMPLIANCE.
- THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE, UNDER THIS PERMIT AT LEAST TWO DAYS IN ADVANCE PRIOR TO THE START OF CONSTRUCTION AND SHALL SPECIFY THE PERMIT NUMBER, MUNICIPALITY AND LOCATION.

DENOTES COST INCLUDED IN THE CONTRACT LINE ITEM.

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 10 FT. TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIAN IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF EVANSTON, THE VILLAGE OF SKOKIE, AND MWRD.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE RESIDENT ENGINEER SHALL CONTACT AREA TRAFFIC FIELD ENGINEER TECHNICIAN MR. WALLY CZARNY AT 773-685-8386, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS OR SIGNING.
- THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AND/OR THE CUTTING OF MAJOR TREE ROOTS, AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCLUDED IN THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION.
- DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN THE NORTH SHORE CHANNEL SAFELY OPEN AT ALL TIMES FOR NAVIGATION. THE COST FOR THIS REQUIREMENT AND ANY NECESSARY SAFETY/CHANNELIZATION DEVICES SHALL BE INCLUDED IN THE COST OF "REMOVAL OF EXISTING STRUCTURES".
- IN ACCORDANCE WITH ARTICLE 107.01 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL ABIDE AND COMPLY WITH ALL LOCAL ORDINANCES AND REQUIREMENTS AND SHALL COOPERATE WITH THE LOCAL AGENCY(IES), MUNICIPALITIES INVOLVED AS DIRECTED AND APPROVED BY THE ENGINEER. THE COST FOR COMPLYING WITH THESE REQUIREMENTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY MR. PAUL D'AGOSTINO AT (847) 844-2512 OF THE CITY OF EVANSTON FOR THE SPECIFICS OF THE TREE PRUNING AND THE TREE PROTECTION.
- THE CONTRACTOR SHALL CONTACT MR. LARRY SHANK AT (847) 291-3214 OF COMED FOR THE DISCONNECTION/CONNECTION OF THE LIGHT POLES.
- THE CONTRACTOR SHALL REMOVE AND RELOCATE THE EXISTING SIGNS, INCLUDING THE MWRD SIGNS IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR THIS TASK SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.

COMMITMENTS

- IDOT (BUREAU OF CONSTRUCTION) WILL PROVIDE A COPY OF AS-BUILT PLANS OF THE COMPLETED STRUCTURE TO THE UNITED STATES COAST GUARD.
- RESTORATION OF ADJACENT PARK AREAS SHALL INCLUDE TURF AS WELL AS OTHER VEGETATION, SUCH AS TREES AND SHRUBBERY.
- THE CITY OF EVANSTON SUGGESTED AN ON-SITE MEETING AS THE PROJECT GETS CLOSER TO CONSTRUCTION, SO THAT THE CITY CAN REVIEW THE CONDITIONS WITH IDOT AND THE CONTRACTOR.
- NORTHWESTERN UNIVERSITY AND THE NEW TRIER HIGH SCHOOL ROWING TEAM SHALL BE CONTACTED REGARDING PROJECT STATUS AND CONSTRUCTION SCHEDULES. EFFORTS SHALL BE MADE TO KEEP THE CHANNEL OPEN FOR THE SAFE PASSAGE OF RECREATIONAL CRAFTS. THE NAMES, E-MAIL ADDRESSES AND PHONE NUMBERS OF THE CONTACT PEOPLE ARE AS FOLLOWS:

ANDREW MCGONIGLE
NORTHWESTERN UNIVERSITY
A-McGonigle@northwestern.edu
847-815-4738

ROSE MARCHUK
NEW TRIER HIGH SCHOOL ROWING TEAM
PROGRAM DIRECTOR AND VARSITY GIRLS COACH
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. ROUTE 1312 (EMERSON STREET)

EMERSON STREET
INDEX OF SHEETS, GENERAL NOTES,
STATE STANDARDS AND
COMMITMENTS

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