

INDEX OF DRAWINGS

UTILITY REFERENCE TABLE

GENERAL NOTES

DRAWING NAME	SHEET NUMBER	SHEET TITLE
G-1	1	TITLE SHEET
G-2	2	INDEX OF DRAWINGS AND GENERAL NOTES
G-3 TO G-4	3 TO 4	SUMMARY OF QUANTITIES
G-5 TO G-7	5 TO 7	BIKE TRAIL AND FLOODWALL TYPICAL SECTIONS
G-8	8	LEVEE TYPICAL SECTIONS
G-9	9	CAMP GROUND ROAD AND BIKE TRAIL TYPICAL SECTIONS
G-10	10	BIKE TRAIL, MINER STREET AND CAMP GROUND ROAD ALIGNMENT
G-11	11	BIKE TRAIL ALIGNMENT
G-12	12	FLOODWALL AND LEVEE ALIGNMENT
G-13	13	LEVEE ALIGNMENT
G-14	14	SURVEY TIES, CONTROL POINTS AND BENCHMARKS
G-15 TO G-17	15 TO 17	GENERAL PLAN AND EASEMENT
C-1 TO C-7	18 TO 24	BIKE TRAIL AND FLOODWALL PLAN AND PROFILE
C-8 TO C-11	25 TO 28	LEVEE PLAN AND PROFILE
C-12	29	CAMPGROUND ROAD PLAN AND PROFILE
C-13	30	MINER STREET ROADWAY PLAN
C-14 TO C-16	31 TO 33	DRAINAGE PLAN AND PROFILE
C-17	34	MINER STREET PUMP STATION PLAN DETAIL
C-18	35	WHEELS PUMP STATION PLAN AND PROFILE
C-19	36	RAND ROAD FLOOD GATE LOCATION PLAN
C-20	37	BALLARD ROAD FLOOD GATE LOCATION PLAN
C-21 TO C-24	38 TO 41	MINER STREET TRAFFIC CONTROL
C-25 TO C-29	42 TO 46	EROSION CONTROL AND LANDSCAPE PLANS
C-30 TO C-61	47 TO 78	CROSS SECTIONS
C-82 TO C-65	79 TO 82	SOIL BORING LOCATION PLAN
C-86 TO C-70	83 TO 87	SOIL BORINGS LOGS
C-UTIL	88	PROPOSED UTILITY RE-ALIGNMENT
M-1	89	WHEELS PUMP STATION - PLANS, SECTIONS & DETAILS
M-2	90	MINER STREET WATER MAIN RELOCATION - PLANS & SECTIONS
M-3	91	MINER STREET PUMP STATION - PLANS AND SECTIONS
SGND-1	92	STRUCTURAL GENERAL NOTES
SGND-2 AND SGND-3	93 TO 94	STRUCTURAL STANDARD DETAILS
SCR-1	95	CAMPGROUND ROAD FLOODWALL GENERAL PLAN AND ELEVATION
SCR-2	96	CAMPGROUND ROAD FLOODWALL SECTIONS AND DETAILS
SMU-1	97	MINER ST. CULVERT GENERAL PLAN AND ELEVATION
SMU-2	98	MINER ST. CULVERT CONSTRUCTION STAGING
SMU-3	99	MINER ST. CULVERT EXISTING CONDITIONS AND DEMOLITION - SOUTHEAST WINGWALL
SMU-4 TO SMU-5	100 TO 101	MINER ST. CULVERT SECTIONS AND DETAILS
SMU-6	102	MINER ST. CULVERT WINGWALL ELEVATIONS AND DETAILS
SMU-7	103	MINER ST. CULVERT BILL OF MATERIALS AND MISCELLANEOUS DETAILS
SMU-8	104	MINER ST. CULVERT APPROACH PAVEMENT PLAN & DETAILS
SMU-9 TO SMU-10	105 TO 106	MINER ST. CULVERT APPROACH PAVEMENT DETAILS
SFW-1 TO SFW-8	107 TO 114	FLOODWALL PLAN & ELEVATION
SFW-9 TO SFW-12	115 TO 118	FLOODWALL SECTIONS, ELEVATIONS AND DETAILS
SFW-13	119	REMOVABLE HANDRAIL, ELEVATIONS AND DETAILS
SRC-1	120	RAND ROAD FLOOD GATE CLOSURE STRUCTURE GENERAL PLAN
SRC-2	121	RAND ROAD FLOOD GATE CLOSURE STRUCTURE WEST GATE FOUNDATION PLANS, SECTION AND ELEVATIONS
SRC-3	122	RAND ROAD FLOOD GATE CLOSURE STRUCTURE EAST GATE FOUNDATION PLANS, SECTION AND ELEVATIONS
SRC-4	123	RAND ROAD FLOOD GATE CLOSURE STRUCTURE FOUNDATIONS, BILL OF MATERIALS
SRC-5	124	RAND ROAD FLOOD GATE CLOSURE STRUCTURE ELEVATION AND SECTIONS
SRC-6 TO SRC-7	125 TO 126	RAND ROAD FLOOD GATE CLOSURE STRUCTURE PLAN, ELEVATION AND SECTION
SBC-1	127	BALLARD ROAD FLOOD GATE CLOSURE STRUCTURE GENERAL PLAN
SBC-2	128	BALLARD ROAD FLOOD GATE CLOSURE STRUCTURE FOUNDATIONS, PLANS, ELEVATIONS AND DETAILS
SBC-3	129	BALLARD ROAD FLOOD GATE CLOSURE STRUCTURE SOIL BORING LOGS
SBC-4	130	BALLARD ROAD FLOOD GATE CLOSURE STRUCTURE ELEVATION AND SECTION
SBC-5 TO SBC-6	131 TO 132	BALLARD ROAD FLOOD GATE CLOSURE STRUCTURE PLAN, ELEVATION AND SECTION
SRBC-1 TO SRBC-5	133 TO 137	FLOOD GATE CLOSURE STRUCTURES MISCELLANEOUS SECTIONS AND DETAILS
SMWRD-1	138	INTERCEPTOR NO. 9 STRUCTURE DEMOLITION - PLANS AND SECTIONS
SMWRD-2	139	INTERCEPTOR NO. 9 STRUCTURE MODIFICATIONS - PLANS AND SECTIONS
SMWRD-3	140	INTERCEPTOR NO. 9 STRUCTURE MODIFICATIONS - PLANS, SECTIONS AND DETAILS
SWPS-1	141	WHEELS PUMP STATION STRUCTURE PLANS AND SECTION
SGS-1	142	MINER STREET GATE STRUCTURE PLANS AND SECTION
SBB-1	143	BIG BEND LAKE HEADWALL PLAN, SECTION, ELEVATION AND DETAILS
SMISC-1	144	CONCRETE HEADWALLS, PLAN, SECTION, ELEVATION AND DETAILS
SMISC-2	145	MINER ST. RETAINING WALL PARAPET DEMOLITION
SBM-1	146	BUILDING DEMOLITION AND MODIFICATIONS GENERAL PLAN
SBM-2	147	1844 E. MINER ST. PARTIAL BUILDING DEMOLITION AND MODIFICATIONS, PLAN AND SECTION
SBM-3	148	1842 E. MINER ST. PARTIAL BUILDING DEMOLITION, PLANS AND SECTION
SBM-4	149	1842 E. MINER ST. PARTIAL BUILDING DEMOLITION, ELEVATIONS
SBM-5	150	1842 E. MINER ST. BUILDING MODIFICATIONS, PLANS AND SECTION
SBM-6	151	1842 E. MINER ST. BUILDING MODIFICATIONS, ELEVATIONS, SECTIONS AND DETAILS
SBM-7	152	1842 E. MINER ST. BUILDING MODIFICATIONS, SECTIONS AND DETAILS
SST-1	153	MINER ST. STAIR PLAN, SECTIONS AND DETAILS
SST-2	154	MINER ST. STAIR SECTIONS AND DETAILS
E-1	155	LEGEND, CABLE GROUPINGS AND GENERAL NOTES
E-2 TO E-13	156 TO 167	BIKE TRAIL LIGHTING

J.U.L.I.E.	UTILITY NAME	CONTACT
ELECTRICITY	CALL 48 HOURS PRIOR TO CONSTRUCTION	(800) 892-0123
	COMMONWEALTH EDISON TERRI BLECK CUSTOMER FACILITIES REPRESENTATIVE 1500 FRANKLIN BLVD LIBERTYVILLE, IL 60048	(847) 816-5239
SEWER	METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO JOHN C. FARNAN 111 EAST ERIE STREET CHICAGO, IL 60611	(312) 751-5600
	CITY OF DES PLAINES TIM WATKINS 1420 MINER STREET DES PLAINES, ILLINOIS 60016	(847) 391-5468
WATER	CITY OF DES PLAINES MIKE GRACZYK 1420 MINER STREET DES PLAINES, ILLINOIS 60016	(847) 391-5469
	SBC AMERITECH 2004 MINER STREET, FLOOR #1 DES PLAINES, IL 60016	(847) 759-5507
COMMUNICATIONS	JON DOLES (UNDERGROUND)	(847) 759-5507
	DIERDRE SIMO-KEHL (AERIAL)	(847) 759-5503
	MCJ WORLDWIDE JIM TODD 7719 W. 60TH PLACE SUMMIT, IL 60501	(708) 458-6410
GAS	LEVEL 3 COMMUNICATIONS MATTHEW WILLIAMS GLOBAL NETWORK SERVICES 1025 ELDORADO BLVD, 33A-523 BROOMFIELD CO 80021	(720) 888-3813
	DAN NICHOLSON (FIELD REPRESENTATIVE)	(630) 620-8942
CABLE TELEVISION	ISHITA FIBER OPTICS PATRICIA MATHEZ 2700 OGDEN AVENUE DOWNERS GROVE, IL 60515	(630) 739-0546
	NICOR GAS DAN APEL EN ENGINEERING 7135 JANES AVENUE WOODRIDGE, IL 60517	(630) 353-4013
RAILROAD	COMCAST CORNELIO DELACERDA 1575 ROLLING ROAD ROLLING MEADOWS, IL 60008	(847) 725-6747
	BRIAN HURD 1674 FRONTENAC ROAD NAPERVILLE, IL 60563	(630) 536-3127
RAILROAD	UNION PACIFIC RAILROAD TIM NEUMAIER (CONSTRUCTION COORDINATOR) 1144 ROLLING LANE LAKE GENEVA, WI 53147	(815) 341-9088

All elevations refer to 1929 N.A.V.D. (North American Vertical Datum).

The Contractor shall furnish, erect, and when directed by the Engineer, completely remove two construction signs. The exact location of the signs shall be determined by the Engineer in the field.

All lateral drainage that exists prior to construction shall be restored as shown on the plans and as directed by the Engineer. Unless otherwise specified all costs of restoration shall be considered incidental to the Contract and no additional compensation will be allowed.

All excess excavation and unsuitable materials shall be disposed of at locations provided by the Contractor at his expense and at locations inspected and approved by the Engineer.

All construction operations shall be contained within the easement area or work limits as indicated on the plans.

Class SI Concrete shall be used throughout. All exposed edges of concrete shall be beveled 3/4".

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42, or M-53 Grade 60.

All reinforcement bars shall be marked by bar designation and name of structure.

All structural steel shall be galvanized in accordance with AASHTO M-111 and ASTM A-385.

Plan dimensions and details relative to the existing structure have been taken from existing plans and/or past surveys and reports and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The Contractor is reminded to protect and restore at his expense, in accordance with Article 107.20 of the Standard Specifications, any private or public property, including access roads, which may be damaged or destroyed due to construction operations.

All utilities affected by the improvement shall be adjusted by others except as noted in the plans. Prior to beginning work in the vicinity of the utilities, the Contractor shall contact the respective owners as shown on this sheet, and he shall schedule his work so as not to interfere with these adjustments.

Unless otherwise specified, all utilities shall be protected and not disturbed. All costs of protection shall be considered incidental to the contract, and no additional compensation will be allowed.

All open excavations are to be surrounded with a four feet construction fence during non-working hours. The fence material shall be approved by the Engineer. The cost shall be incidental to the contract.

All material excavated, except rock, from the bottom of the existing channel must be deposited in a self-contained area in compliance with all State statutes, regulations, and permit requirements with no discharge to public waters unless a permit has been issued by the Illinois E.P.A.

The location, maintenance, removal, and restoration to original condition of all haul roads shall be as approved by the Engineer and all cost shall be incidental to the Contract.

The Contractor shall notify the City of Des Plaines and the Township concerning the closing of City streets and conform to all requirements so specified without additional cost to the State.

Elevation 0.0 NAVD (1929) = 0.3 USGS (1988)

The Contractor shall contact Mr. Dana Havranek from the Illinois Tollway permit section at (630)241-6800 extension 3941 prior to commencement of any work on Illinois Tollway right-of-way or facilities.

The Contractor shall coordinate construction activities with the Illinois Tollway Contractor that is awarded Contract RR-02-5116 which involves reconstruction of Ramp C (I-294 southbound entrance ramp from westbound Dempster St.). Contract RR-02-5116 is scheduled to begin in March 2007 with completion in November 2007.

STATE STANDARDS

280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420401-05	BRIDGE APPROACH PAVEMENT
424001-03	CURB RAMPS FOR SIDEWALKS
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
602001	CATCH BASIN TYPE A
602011	CATCH BASIN TYPE C
602301	INLET TYPE A
602401	MANHOLE TYPE A
602408-01	MANHOLE TYPE A 72" DIAMETER
602801	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001-02	FRAME AND LIDS TYPE 1
604306-01	GRATE TYPE B
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-05	STEEL PLATE BEAM GUARDRAIL
684001-01	CHAIN LINK FENCE
702001-05	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
814001	CONCRETE HANDHOLES

LEGEND

Storm Sewer		
Sanitary Sewer		

EARTHWORK SUMMARY TABLE
(ALL UNITS IN CUBIC YARDS)

LOCATIONS	STRUCTURE EXCAVATION	EARTH EXCAVATION (INCLUDES TOP SOIL EXCAVATION)	EMBANKMENT (NOT PAID FOR)	BALANCE TOTAL EXCAVATION - (EMBANKMENT X 125%)	LEVEE EMBANKMENT (CLAY)
BIKE TRAIL AND CAMP GROUND ROAD (SOUTH OF MINER STREET)	15	989	300	629	0
BIKE TRAIL CULVERT	1,695	0	0	1,695	0
BIKE TRAIL AND FLOODWALL (MINER STREET TO END OF FLOOD WALL)	1,343	3,952	1,668	3,210	0
BIKE TRAIL EXTENSION TO RAND ROAD	0	96	654	-722	0
BIKE TRAIL AND WITTBOLD LEVEE (END OF FLOODWALL TO RAND ROAD)	0	2,906	289	2,545	8,308
RAND LEVEE (RAND ROAD TO TOLLWAY)	0	5,306	31	5,267	8,064
RAND ROAD AND BALLARD ROAD GATE STRUCTURES	168	0	130	6	0
TOTALS	3,221	13,249	3,072	12,630	16,372

Revised 2/24/06, TMM

FR-416