

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3B73	00-00243-00-FP	MCHENRY	84	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		

83840

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**GENERAL NOTES**

- 1 THE CONTRACTOR WILL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH BARRICADE USED. (TYPE I OR TYPE II (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS PER BARRICADE.
- 2 FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED.
- 3 THE CONTRACTOR SHALL CONTACT THE VILLAGE OF LAKEWOOD / VILLAGE OF LAKE IN THE HILLS AT LEAST 72 HOURS IN ADVANCE OF BEGINNING ANY WORK.
- 4 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF LAKEWOOD / VILLAGE OF LAKE IN THE HILLS.
- 5 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON COUNTY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DIVISION OF TRANSPORTATION, OR ON VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION OF THE VILLAGE OF LAKEWOOD / THE VILLAGE OF LAKE IN THE HILLS.
- 6 BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND BITUMINOUS TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 7 THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.10 GAL/SQ.-YD.
- 8 UNLESS OTHERWISE NOTED ALL OFFSETS FOR THE DRAINAGE STRUCTURES LOCATED IN THE CURB AND GUTTER ARE TO THE BACK OF CURB. OFFSETS FOR ALL OTHER STRUCTURES ARE TO THE CENTER OF THE GRATE.
- 9 PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION, AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL. ANY EMBANKMENT WIDENINGS ON EXISTING SLOPES SHOULD BE BENCHING AND PLACED IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 10 PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

11 SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER. THE COST OF SAW CUTTING WILL BE INCLUDED IN THE COST OF ITEMS BEING REMOVED.

12 THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE VILLAGES FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.

13 SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.

14 THE PAY ITEM FOR STORM SEWER REMOVAL AND PIPE CULVERT REMOVAL SHALL INCLUDE ANY TRENCH BACKFILL REQUIRED TO FILL AREA OF SEWER REMOVAL WHERE THERE IS NO REPLACEMENT. IF PROPOSED STORM SEWER IS REPLACED IN THE SAME TRENCH, THEN TRENCH BACKFILL SHALL BE PAID FOR SEPARATELY WITH THE QUANTITY SHOWN ON THE PLANS.

15 A SOILS REPORT IS ON FILE AND AVAILABLE FOR REVIEW AT THE SMITH ENGINEERING CONSULTANTS, INC. MCHENRY OFFICE UPON REQUEST.

**LIST OF STATE STANDARDS**

STANDARD NO.	LIST OF DESCRIPTION
000001-04	STANDARD SYMBOLS ABBREVIATIONS AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
424001-04	Curb RAMPs FOR Sidewalks
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001	SUB-SURFACE DRAINS
602001	CATCH BASINS, TYPE A
602011	CATCH BASIN, TYPE C
602301-01	INLET - TYPE A
602401-01	MANHOLE TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-02	FRAME AND LIDS TYPE 1
604036-01	GRATE, TYPE B
604056-02	FRAME AND GRATE TYPE 11V
604086-01	FRAME AND GRATE TYPE 23
606001-02	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606006	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60
606301-02	PC CONCRETE ISLANDS AND MEDIANS
701006-02	OFF-RD OPERATIONS 2L, 2W 4.5m (15') TO PAVEMENT EDGE, FOR SPEEDS >= 45 MPH
701011-01	OFF-RD MOVING OPERATIONS 2L, 2W DAY ONLY FOR SPEEDS >= 45 MPH
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS >= 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701501-03	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
BLR-21-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR-22-4	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS 2L, 2W ROAD CLOSED TO THRU TRAFFIC

**SYMBOL LEGEND**

	EXISTING	PROPOSED
SANITARY MANHOLE	⊙	⊙
STORM MANHOLE	⊙	⊙
STORM CATCH BASIN	⊙	⊙
INLET	⊙	⊙
FLARED END SECTION	⊙	⊙
VALVE VAULT	⊙	⊙
FIRE HYDRANT	⊙	⊙
LIGHT POLE	⊙	⊙
STREET SIGN	⊙	⊙
REGULATORY SIGN	⊙	⊙
UTILITY POLE	⊙	⊙
UTILITY BOX	⊙	⊙
MAILBOX	⊙	⊙
WELL	⊙	⊙
SANITARY SEWER	—	—
STORM SEWER	—	—
CULVERT	—	—
WATER MAIN	—	—
WATER MAIN ENCASEMENT	—	—
STORM UNDERDRAIN	—	—
ELECTRIC LINE	—	—
TELEPHONE LINE	—	—
GAS LINE	—	—
CABLE TV LINE	—	—
TREELINE	—	—
TREE	—	—
FENCE	—	—
EROSION CONTROL FENCE	—	—
DITCH CHECK	—	—
DRAINAGE ARROW	—	—
100 YEAR OVERFLOW	—	—

**STANDARD ABBREVIATIONS**

- B-B - BACK TO BACK OF CURB
- B.C. - BACK OF CURB
- B.O.C. - BACK OF CURB
- B.S.L. - BUILDING SETBACK LINE
- C.B. - STORM CATCH BASIN
- C.E. - COMMONWEALTH EDISON CO.
- D.E. - DRAINAGE EASEMENT
- E-E - EDGE TO EDGE OF PAVEMENT
- E.O.P. - EDGE OF PAVEMENT
- E.O.S. - EDGE OF SHOULDER
- E.P. - EDGE OF PAVEMENT
- E.S. - EDGE OF SHOULDER
- F.E.S. - FLARED END SECTION
- I.B.T. - ILLINOIS BELL TELEPHONE CO.
- L.E. - LANDSCAPE EASEMENT
- M.H. - MANHOLE (TYPE SPECIFIED ON PLANS)
- R.O.W. - RIGHT OF WAY
- T.B.F. - TRENCH BACKFILL
- T.C. - TOP OF CURB
- T.C.E. - TEMPORARY CONSTRUCTION EASEMENT
- T.O.B. - TOP OF BERM
- T.O.C. - TOP OF CURB
- U.E. - UTILITY EASEMENT

**SITE BENCHMARKS**

BM 1:  
Lakewood Road - Sta. 321+45.66, 32.59' Right  
"X" cut on bolt of valve. Elevation = 906.08

REVISIONS	
NO.	DATE
7	
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2	
1	

**SMITH ENGINEERING CONSULTANTS, INC.**  
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ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

MCHENRY COUNTY DIVISION OF TRANSPORTATION  
ACKMAN ROAD EXTENSION

GENERAL NOTES AND  
LIST OF STATE STANDARDS

SCALE: "NTS" DRAWN BY CJP  
DATE 10-05-2005 CHECKED BY TEH

PLOT FILE: STANDARD  
DATE: 10/5/05  
DRAWN: TEH