

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 2904	97-00089-00-RS	WILLIAMSON	86	2
ILLINOIS		LAKE OF EGYPT ROAD		

CONTRACT NO. 99199

GENERAL NOTES

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

FORMS FOR CONCRETE GUTTER AND COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS CONCRETE SURFACE COURSE SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 300 METERS (1,000 FEET), THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION. THE BITUMINOUS CONCRETE SURFACE SHALL NOT BE PLACED UNTIL ALL OF THE BITUMINOUS CONCRETE BINDER COURSE HAS BEEN PLACED.

WHEN HOT MIX ASPHALT IS SPECIFIED FOR MAINLINE SURFACE COURSES, THE CONTRACTOR HAS THE OPTION TO USE MIXTURE C FOR DRIVEWAYS, ENTRANCES AND SIDE ROADS WHICH CLEARLY HAVE LESS THAN 1600 ADT.

ONLY CONCRETE AND FULL DEPTH BITUMINOUS DRIVEWAYS SHALL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL. ALL EXCAVATION OF AGGREGATE, MULTIPLE A-1 SURFACES, BITUMINOUS WEDGES AND OTHER MISCELLANEOUS MATERIAL IS INCLUDED IN THE QUANTITY OF EARTHWORK SHOWN IN THE PLANS AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION.

REMOVAL OF EXISTING OIL AND CHIP PAVEMENT TO BE CONSIDERED AS EARTH EXCAVATION. THIS SHALL BE PULVERIZED AND STOCKPILED AND USED AS DIRECTED BY THE ENGINEER.

WHERE EXISTING PIPE CULVERTS ARE REMOVED, TRENCH BACKFILL SHALL BE PLACED IN AREAS SPECIFIED IN SECTION 208 OF THE STANDARD SPECIFICATIONS.

ALL PIPE CULVERTS FOR ACROSS ROAD CONSTRUCTION SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF SECTION 550 OF THE STANDARD SPECIFICATIONS. ALL OTHER PIPE CULVERTS SHALL BE CORRUGATED STEEL PIPE, UNLESS SPECIFIED IN THE PLANS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

EXISTING PIPE CULVERTS LOCATED AND SHOWN ON THE PLANS OR DESIGNATED BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED BY AND BECOME THE PROPERTY OF THE CONTRACTOR.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

ALL BITUMINOUS CONCRETE	112 LB/SQ YD/INCH
ALL AGGREGATE	2.05 TON/CU YD
BITUMINOUS MATERIAL ON PAVEMENT	0.09 GALLON/SQ YD
ON AGGREGATE SURFACE	0.32 GALLON/SQ YD
AGGREGATE (PRIME COAT)	0.0015 TON/SQ YD
RIPRAP	1.50 TON/CU YD

IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 0.10 FT/FT. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

ALL EXISTING SURFACING REQUIRED TO BE REMOVED FOR BASE COURSE WIDENING, CURB & GUTTER, SIDE ROADS OR ANY SIDE ENTRANCE CONSTRUCTION OR RECONSTRUCTION, SHALL BE CONSIDERED AS EARTHWORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED, UNLESS SHOWN OTHERWISE ON THE PLANS. ALL EARTHWORK REQUIRED FOR CONSTRUCTION BASE COURSE WIDENING, CURB AND GUTTER, SIDE ROADS OR ANY SIDE ENTRANCE IS INCLUDED IN THE EARTHWORK QUANTITIES SHOWN ON THE PLANS, AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.

PRIOR TO WORK BEGINNING, ALL WATERMAIN ADJUSTMENTS SHALL BE COMPLETED BY OTHERS, NOT INCLUDED IN CONTRACT.

THE REMOVAL OF EXISTING ENTRANCE PIPE CULVERTS ENCASED IN CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE OTHER ITEMS OF CONSTRUCTION IF ONLY THE ENDS OF THE CULVERT (2' OR LESS) ARE ENCASED. IF MORE THAN 2' AT THE ENDS OF THE CULVERT ARE ENCASED IN CONCRETE, THE REMOVAL WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

THE QUANTITY SHOWN FOR STONE DUMPED RIPRAP, CLASS A4 AND FILTER FABRIC FOR USE WITH RIPRAP, IS AN ESTIMATE ONLY. THE ACTUAL AMOUNTS AND THEIR LOCATIONS SHALL BE AS DIRECTED BY THE ENGINEER.

AT ALL LOCATIONS ACCESS SHALL BE PROVIDED FROM PRIVATE ENTRANCES DURING ALL STAGES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION. ADJUSTMENTS IN UTILITY LOCATIONS WILL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED ON THE PLANS.

ELECTRIC & GAS

AMEREN CIPS 1800 W. MAIN ST. MARION, ILLINOIS 62959 618-993-3311	SOUTHEASTERN ILLINOIS ELECTRIC CO-OPERATIVE 585 HWY 142 S ELDORADO, ILLINOIS 62930 618-273-2611
---	--

TELEPHONE

VERIZON NORTH, INC.
208 WEST UNION STREET
MARION, ILLINOIS 62959

WATER & SEWER

LAKE EGYPT WATER DISTRICT 11484 LAKE OF EGYPT ROAD MARION, ILLINOIS 62959 618-964-1380	CREAL SPRINGS MUNICIPAL CITY HALL CREAL SPRINGS, ILLINOIS 618-996-2311
---	---

PETROLEUM PIPELINES

CENTENNIAL PIPELINE, LLC DAVE ROYBAL 618-543-7546	TEXAS EASTERN TRANSMISSION CORP. NORRIS CITY, ILLINOIS NEW BURNSIDE, ILLINOIS 62967 618-777-2906
---	---

TRUNKLINE GAS COMPANY DAVE ROYBAL 618-543-7546	TEXAS EASTERN PRODUCT PIPELINE ANTHONY E. SHEARER 618-522-2569
--	--

SOUTHERN ILLINOIS POWER CO-OPERATIVE
11543 LAKE OF EGYPT ROAD
MARION, ILLINOIS 62959
618-964-1448

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS: GENERAL NOTES: LIST OF STANDARDS
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
- 5.-8. SCHEDULES
- 9-25. LAKE OF EGYPT ROAD PLAN AND PROFILE SHEETS
- 26-33. RIGHT-OF-WAY PLANS
- 34-44. INTERSECTION DETAILS
- 45-47. MISCELLANEOUS DETAILS
- 48-74. LAKE OF EGYPT ROAD CROSS SECTIONS
- 75-77. CROSS ROAD CULVERT CROSS SECTIONS
78. BOX CULVERT AND POND SECTIONS
- 79-86. ENTRANCE SECTIONS

HIGHWAY STANDARDS

- | | |
|-----------|--|
| 000001-04 | STD. SYMBOLS, ABBREV AND PATTERNS |
| 280001-03 | TEMPORARY EROSION CONTROL |
| 542301-01 | PRECAST FLARED END SECTIONS |
| 542401 | METAL FLARED END SECTIONS |
| 606101-02 | TYPE A GUTTER |
| 630001-07 | STEEL PLATE BEAM GUARD RAIL |
| 666001 | RIGHT OF WAY MARKERS |
| 701006-02 | OFF-ROAD OPR., 2-L 2-W, 4.5 M(15')
SPEEDS ≥ 45 MPH |
| 701201-02 | LANE CLOS., 2-L 2-W DAY ONLY, ON-ROAD
TO 600MM(24") OFF ROAD, SPEEDS ≥ 45 MPH |
| 701301-02 | LANE CLOS., 2-L 2-W, SHORT TIME
OPERATIONS |
| 701306-01 | LANE CLOS., 2-L 2-W, SLOW MOVING DAY
ONLY OPERATIONS, SPEEDS ≥ 45 MPH |
| 701326-02 | LANE CLOS., 2-L 2-W PAVEMENT WIDENING
FOR SPEEDS ≥ 45 M.P.H. |
| 702001-06 | TRAFFIC CONTROL DEVICES |
| 72001 | SIGN PANEL MOUNTING DETAIL |
| 720006-01 | SIGN PANEL ERECTION |
| 720011 | METAL POSTS |
| 729001 | APPLICATION OF METAL POSTS |
| 780001-01 | TYPICAL PAVEMENT MARKINGS RURAL |
| BLR 21-6 | TYP. APP OF TRAFFIC CONTROL DEV |
| BLR 22-4 | TYPICAL APP OF TRAFFIC CONTROL DEV |
| BLR 23-1 | TRAFFIC BARRIER TERMINAL TYPE 1 |
| BLR 24-1 | MAILBOX TURNOUTS |
| BLR 25 | BARRICADE TYPE 1A |
| LR SD633 | REMOVE AND REERECT STEEL PLATE
BEAM GUARDRAIL |

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000872	
© 2007 ALL RIGHTS RESERVED	
 CLARIDA & ZIEGLER ENGINEERING CO. 308 South Court St, P.O. Box 937 Marion, Illinois 62959 Phone - (618)993-6411, Fax - (618)993-6750	
GENERAL NOTES LAKE OF EGYPT ROAD WILLIAMSON COUNTY, ILLINOIS	
Date 03/06/03	DR. By T.W. CKD By H.G.C.
Scale NONE	Job No. 00044 Sheet No. 2 of 86