

GENERAL NOTES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	2
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

1	COVER SHEET
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ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

MEDIA COM IIC - CTY
SBC - TELEPHONE, FIBER OPTIC
AMEREN ILLINOIS POWER (GAS)
ILLINOIS POWER (ELECTRIC)
MONROE COUNTY ELECTRIC CO-OP
GTE NORTH
HARRISONVILLE TELEPHONE
FSH WATER
VILLAGE OF HECKER WATER
VILLAGE OF SMITHTON WATER
VILLAGE OF SMITHTON SANITARY SEWER
(MEMBERS OF J.U.L.I.E., PHONE 800-892-0123, ARE INDICATED BY * . NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

BETWEEN STATIONS 30+275 AND 30+525, ON THE LEFT, THERE ARE 25 BOULDERS (APPROXIMATELY 1.2 M X 1.2 M X 1.2 M). THESE BOULDERS ARE ON THE TEMPORARY EASEMENT, BUT SHALL NOT BE DISTURBED BY THE CONTRACTOR.

THE CULVERT REPLACEMENT AT STATION 24+287.368 SHALL NOT BE CONSTRUCTED AT THE SAME TIME AS THE CULVERT REPLACEMENT AT STATION 24+507.868. THE TRAFFIC CONTROL FOR THE FIRST CULVERT SHALL BE COMPLETELY REMOVED BEFORE CONSTRUCTION CAN BEGIN ON THE OTHER CULVERT.

THE VARIOUS THICKNESS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS ARE THE AVERAGE THICKNESS BASED UPON CONTROLLING THICKNESS AS INDICATED. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE. BITUMINOUS SURFACE REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF REMOVING HIGH IRREGULARITIES AND TO ESTABLISH CROSS SLOPE.

THE WIDTHS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. BITUMINOUS SURFACE REMOVAL WILL BE PAID FOR IN SQUARE METERS BASED UPON THE NOMINAL WIDTHS INDICATED.

THE ESTIMATED QUANTITY OF 1763 METRIC TONS OF CUTTINGS IS FROM THE BITUMINOUS SURFACE REMOVAL OPERATION.

ANY HEADWALLS ON ENTRANCE CULVERT OR SIDE ROAD CULVERTS WILL BE REMOVED WITH THE CULVERTS. THE COST OF REMOVING THE HEADWALL SHALL BE INCLUDED IN THE COST OF REMOVING THE ENTRANCE OR SIDE ROAD CULVERTS.

THE AGGREGATE SHOULDER WILL BE CONSTRUCTED AS SHOWN ON THE TYPICAL SECTION AS 150 MM THICK AND ACCORDING TO SECTION 481 OF THE STANDARD SPECIFICATIONS. THE AGGREGATE SHOULDER TYPE A IS MEASURED FOR PAYMENT IN SQUARE METERS WITH A MEASURED TOP SURFACE WIDTH OF 900 MM. THE CONSTRUCTION OF THE AGGREGATE WEDGE BEYOND THE 900 MM WIDTH NECESSARY TO TIE INTO THE SIDE SLOPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF AGGREGATE SHOULDER, TYPE A, 150 MM.

OF THE 157 RIGHT OF WAY MARKERS REQUIRED FOR THIS PROJECT, THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING 107. THERE ARE 50 STATE OWNED RIGHT OF WAY MARKERS LOCATED AT THE HECKER MAINTENANCE SHED. THE CONTRACTOR WILL BE RESPONSIBLE FOR DELIVERY OF THE 50 STATE OWNED RIGHT OF WAY MARKERS FROM THE SHED TO THE JOB SITE. ALL RIGHT OF WAY MARKERS WILL BE ERECTED IN ACCORDANCE WITH SECTION 666 OF THE STANDARD SPECIFICATION AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR EACH AS FURNISHING AND ERECTING RIGHT OF WAY MARKERS.

THE FOLLOWING BITUMINOUS MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE	BIT. SURFACE COURSE	LEVEL BINDER	INCIDENTAL BITUMINOUS	BASE COURSE	PATCHING	SHOULDER	TOP LIFT SHOULDER
PG	64-22	64-22	64-22	58 - 22	64-22	58 - 22	58-22
RAP % (MAX)	15%	15%	15%	30%	15%	30%	30%
DESIGN AIR VOIDS	NDES=70 @ 4.0%	NDES=70 @ 4.0%	NDES=70 @ 4.0%	NDES=50 @ 2.0%	NDES=70 @ 4.0%	NDES=30 @ 2.0%	NDES=30 @ 2.0%
MIX COMPOSITION (GRADATION MIX)					IL 19.0		
FRICTION AGG.	MIXTURE D	MIXTURE C	MIXTURE D	BASE COURSE	MIXTURE B	BAM	BAM **

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 59.8KG/SQ M /25 MM THICKNESS

ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS, GENERAL NOTES,
AND COMMITMENTS

FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES

DRAWN BY:

PLOT DATE: Monday May 02, 2005 @ 9:43:18 AM

STANDARDS

000001-04	635011-01
280001-02	666001
406201	701011-01
442201-01	701101-01
482001	701201-02
482011-01	701301-02
606001-02	701306-01
606101-01	701311-02
630001-05	701321-00
630301-03	701326-02
631032-01	701336-04
635001	702001-05
635006-02	704001-02

780001-01
781001-02

COMMITMENTS

- A SPECIAL DITCH OR GUTTER SHALL BE CONSTRUCTED AT STATION 23+200, LEFT, TO ENSURE THE TREES ARE NOT DAMAGED.
- A SPECIAL DITCH OR GUTTER MAY NEED TO BE INSTALLED NEAR STATION 23+400, RIGHT, TO AVOID DISTURBANCE OF THE ADJACENT WETLAND.
- AN EXISTING PIPE UNDERDRAIN RUNS FROM A HOUSE TO THE EXISTING DITCH BETWEEN STATION 24+479.133 AND 24+503.607, ON THE LEFT. THE CONTRACTOR SHALL NOT DESTROY OR DAMAGE THIS UNDERDRAIN.
- TWO 9.14 M (30 FT) WIDE FIELD ENTRANCES SHALL BE CONSTRUCTED AT STATIONS 31+482.341 AND 31+700.000, RIGHT.
- THE EXISTING FIELD ENTRANCE AT STATION 24+255.836, SHALL BE WIDENED TO OF 9.14 M (30.0 FT).
- A 9.14 M (30 FT) WIDE FIELD ENTRANCE SHALL BE CONSTRUCTED AT STATION 26+430.624, RIGHT.
- TWO 9.14 M (30 FT) WIDE FIELD ENTRANCES SHALL BE CONSTRUCTED AT STATIONS 23+042.000 AND 23+120.000, RIGHT.
- A 9.14 M (30 FT) WIDE FIELD ENTRANCE SHALL BE CONSTRUCTED AT STATION 27+210.000, RIGHT. THE EXISTING FIELD ENTRANCE AT STATION 27+449.938, RIGHT, SHALL BE WIDENED TO 9.14 M (30 FT).
- TWO FIELD ENTRANCES, 9.14 M (30 FT), WIDE SHALL BE CONSTRUCTED AT STATIONS 23+180.000 AND 23+385.000, RIGHT.
- A 10.5 M (34.4 FT) PIPE CULVERT SHALL BE CONSTRUCTED AT STATION 29+255.161, LEFT.
- THE 3.05 M (10 FT) X 35.05 M (115 FT) EASEMENT AREA FROM STA. 30+289.581 TO 30+324.655, IF DISTURBED, SHALL BE FINAL GRADED AND RESEDED. THE TREES LOCATED IN THE EASEMENT AREA, IF DAMAGED, SHALL BE REPLACED.
- A 10.5 M (34.4 FT) PIPE CULVERT SHALL BE CONSTRUCTED AT STATION 29+956.805 RIGHT.

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE USE OF VIBRATORY ROLLERS SHALL BE PROHIBITED, UNLESS IT CAN BE DETERMINED THAT THE EXISTING / PROPOSED UTILITIES WILL NOT BE AFFECTED. THE CONTRACTOR SHALL VERIFY, WITH THE OWNER OF SAID UTILITIES, THE DEPTH OF THE UTILITIES AND WHETHER OR NOT THEY WILL BE ADVERSELY AFFECTED. IF IT IS DETERMINED THAT THE UTILITIES WILL BE UNAFFECTED, VIBRATORY ROLLER MAY BE USED ON THE PROJECT.

ALL SIDE ROADS RESURFACED REQUIRE A BUTT JOINT. THE BUTT JOINT AND TEMPORARY RAMP WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF BITUMINOUS CONCRETE SURFACE COURSE.

THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS, HOWEVER, INSTALLATION BY METHOD A (ARTICLE 730.04(A)) SHALL BE THE ONLY METHOD PERMITTED.

NO OVERNIGHT CLOSURES SHALL BE PERMITTED.

FLAGMEN SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.

LIGHTS SHALL BE REQUIRED AS PER ARTICLE 702.04 IN THE STANDARD SPECIFICATIONS AS THE NEED ARISES.

ROAD CONSTRUCTION AHEAD SIGNS SHALL BE REQUIRED AT INTERSECTING SIDE ROADS THROUGHOUT THE PROJECT. COST TO BE INCLUDED IN BID PRICES FOR TRAFFIC CONTROL AND PROTECTION.

REMOVAL OF PIPE CULVERT EXTENSIONS TO THE BOX CULVERTS INCLUDES THE REMOVAL OF END SECTIONS. THE COST OF THIS WORK IS INCLUDED IN THE COST OF THE BOX CULVERT EXTENSIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE AND PROTECT ALL EXISTING TILE DRAINS, SEWERS, AND OTHER SUB-SURFACE DRAINS OR PARTS THEREOF WHICH MAY BE AFFECTED BY THE CONTRACTORS OPERATIONS, AND SHALL REPAIR, AT OWN EXPENSE, ANY AND ALL DAMAGE TO SUCH DRAINAGE, FACILITIES RESULTING FROM NEGLIGENCE ON THE CONTRACTORS PART.

IF ANY CULVERT REQUIRES CLEANING AS DETERMINED BY THE ENGINEER, IT WILL BE PAID FOR WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

AN ESTIMATED QUANTITY OF 1023 METRIC TONS OF TEMPORARY AGGREGATE HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

DATE: _____
BY: _____
SURVEYED: _____
PLAN NO.: _____
NOTE BOOK: _____
ALIGNED: _____
CHECKED: _____
DATE: _____
FILE NO.: _____