

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	124-2I	ST. CLAIR	10	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

- 1 SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- 2 IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. 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.
- 3 MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 4 THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 5 ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN IP
 - CHARTER COMMUNICATION, INC.
 - ILLINOIS AMERICAN WATER CO.
 - MCLEOD USA TELECOMMUNICATIONS, INC.
 - SBC
 MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- 6 ALL SHORT TERM PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 7 HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
- 8 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 9 THE EXISTING CONCRETE BARRICADES AND SAND BARREL IMPACT ATTENUATORS ARE THE PROPERTY OF THE DEPARTMENT AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE SCOTT SALT DOME AT IL 158 AND US 50 IN ST. CLAIR COUNTY. THE DELIVERY SHALL BE COORDINATED WITH THE OPERATIONS FIELD ENGINEER JOE MONROE (618-346-3279). THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF SAND MODULE IMPACT ATTENUATOR TO BE REMOVED AND CONCRETE BARRIER REMOVAL.
- 10 THE QUANTITY PROVIDED FOR CONTROLLED LOW STRENGTH MATERIAL SHALL BE USED TO FILL ANY VOIDS, TO THE SATISFACTION OF THE ENGINEER, DUE TO EROSION UNDER THE PAVEMENT AND PROPOSED CULVERT SUB-GRADE. THIS WORK SHALL BE PERFORMED AFTER THE REMOVAL OF THE EXISTING CULVERT AND PRIOR TO THE INSTALLATION OF THE PROPOSED PRECAST BOX CULVERT.
- 11 ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURE FOR THE USE SPECIFICS IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- 12 STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSTOR, URETHANE FOAM/GEOTEXTILE/SILT WEDGES, EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE ENGINEER AND SEDIMENT CONTROL COORDINATOR.

LIST OF STANDARDS

280001-02	701301-02
420001-06	701306-01
420701-01	701311-02
442101-05	701326-02
482006-01	702001-06
701001-01	780001-01
701006-02	781001-02
701011-01	000001-04
701201-02	001001
701206-01	001006

EROSION CONTROL SCHEDULE

STA to Sta	Offset	Length (ft)	Avg. Width (ft)	SEEDING CL 2A (ac)	NITROGEN FERTILIZER NUTRIENT (lb)	PHOSPHORUS FERTILIZER NUTRIENT (lb)	POTASSIUM FERTILIZER NUTRIENT (lb)	MULCH METHOD 2 (ac)
135+10 to 135+92	RT	82	36	0.07	6.3	6.3	6.3	0.07
135+92 to 136+60	RT	68	36	0.06	5.4	5.4	5.4	0.06
135+40 to 135+60	LT	20	35	0.02	1.8	1.8	1.8	0.02
135+60 to 136+60	LT	100	35	0.08	7.2	7.2	7.2	0.08
TOTAL =				0.23	20.7	20.7	20.7	0.23

SUB-BASE GRANULAR MATERIAL, TYPE B

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE B TONS
STA. 135+74 to STA. 136+09	234

FURNISHED EXCAVATION

LOCATION	FURNISHED EXCAVATION CU YD
STA. 135+10 to STA. 137+57	426

EARTH EXCAVATION

LOCATION	EARTH EXCAVATION (CY YDS)
STA. 135+50 to STA. 136+65	135

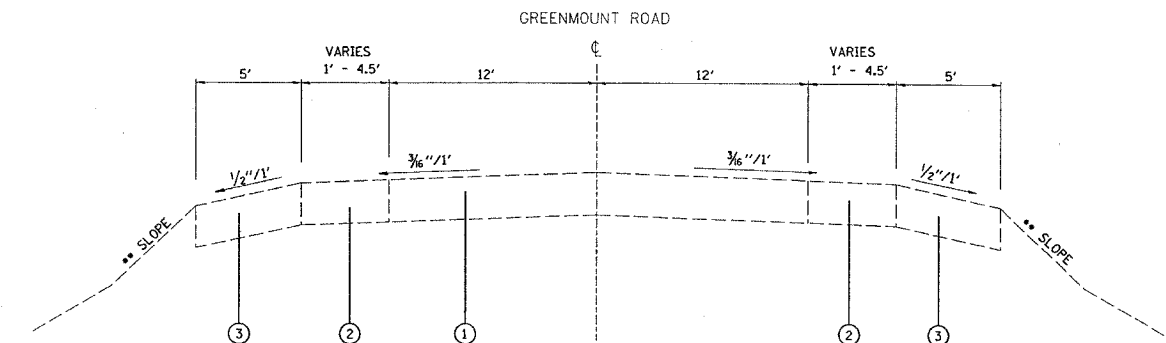
* EARTH EXCAVATION QUANTITY WAS NOT REDUCED FROM FURNISHED EXCAVATION. IT WAS DETERMINED IT WOULD BE DIFFICULT TO UTILIZE EARTH EXCAVATION FOR EMBANKMENT. THEREFORE, THE QUANTITY WAS NOT REDUCED.

COMMITMENTS

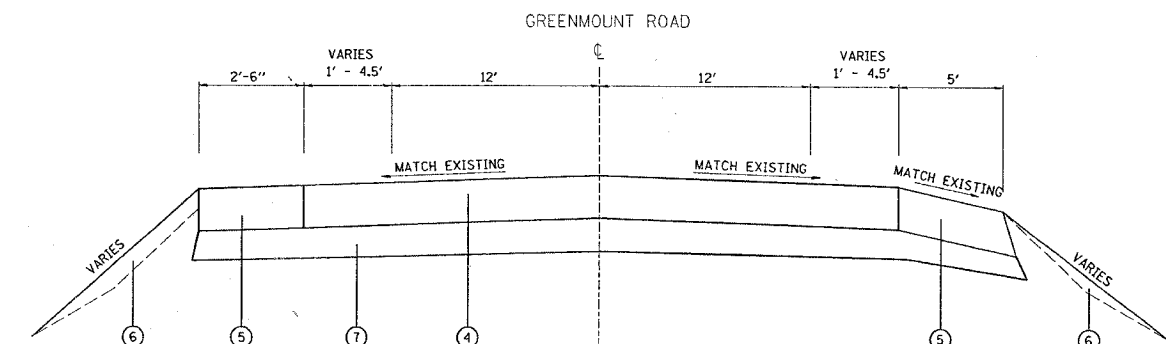
NONE

PERTINENT INFORMATION

FALL SESSION OF CLASSES START AUGUST 19, 2006 AT SWIC.



EXISTING TYPICAL SECTION
STA. 135+74 TO STA. 136+09



PROPOSED TYPICAL SECTION
STA. 135+74 TO STA. 136+09

LEGEND

- ① EXISTING 8" PCC PAVEMENT
- ② EXISTING PCC WIDENING 8"
- ③ EXISTING 8" BIT. SHOULDER
- ④ PROPOSED CLASS B PATCH TYPE IV - 8" (HIGH-EARLY-STRENGTH)
- ⑤ PROPOSED BITUMINOUS SHOULDER - 8"
- ⑥ PROPOSED FURNISHED EXCAVATION
- ⑦ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B (12" THICKNESS)

MIXTURE REQUIREMENT CHART

MIXTURE USE	SHOULDERS	TEMP. BITUMINOUS OVERLAY
AC/PG	PG 58-22	PG 64-22
RAP % (MAX)	30%	15%
DESIGN AIR VOIDS	2.0% @ NDES=30	4.0% @ NDES=70
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	BAM	MIX C

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS, GENERAL NOTES, COMMITMENTS, AND HIGHWAY STANDARDS
 FAU ROUTE 9170
 SECTION 124-2I
 ST. CLAIR COUNTY

PLOT DATE = 3/13/2006
 FILE NAME = c:\projects\105105\plan\plan\h48105.dgn
 PLOTTER = HPGL/IN
 REFERENCE = #REF#