

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1211-1	ST. CLAIR	16	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

- 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.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO 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:

UTILITY	ABOVE GROUND	BELOW GROUND
*AMERENIP		X
*AMEREN-UE	X	X
*CHARTER COMMUNICATIONS, INC.	X	X
*COMMONFIELDS OF CAHOKIA PUBLIC WATER DISTRICT		X
*ILLINOIS AMERICAN WATER CO.		X
*MCI NETWORK SERVICES, INC.		X
*NETWORKS, 360	X	X
*SBC	X	X
*VERIZON NORTH, INC.	X	X

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- 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.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED AND FINAL BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT MARKING HAS BEEN ADDED TO THE PLANS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	IL 157
SECTION	1211-1
COUNTY	ST. CLAIR
CONTRACT	76956

DESCRIPTION:	Construction of RTL on IL 157 @ IL 163 - Centreville
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ADT (Construction Yr)	10600
MUZ:	1.3
SUZ:	4
20 YR. ESAL'S:	1.37

MIXTURE USE	SURFACE	LEVEL BINDER	Binder / Widening	INCIDENTAL SURF	Partial Depth Patch
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	15%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)					
FRICITION AGG	Mixture "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS
AC/PG	PG 58-22	PG 58-22
RAP % (MAX)	30%	30%
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	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 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLANS. 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 THE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- ALL TRAFFIC CONTROL DEVICES SHALL BE SKID MOUNTED
- EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- ANY SIGNS DISTURBED DURING CONSTRUCTION SHALL BE PROTECTED AND RESTORED ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ALL SAW CUTTING FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM. ALL SAWCUTS SHALL BE FULL DEPTH IN ORDER TO PREVENT DAMAGE TO THE PAVEMENT REMAINING IN PLACE. THIS COST IS INCLUDED IN THE REMOVAL ITEM.
- AREAS PAID FOR AS "PAVEMENT REMOVAL" SHALL INCLUDE THE REMOVAL OF CURB AND GUTTER, AGGREGATE, AND ANY OTHER MATERIALS WITHIN THE REMOVAL LIMITS SHOWN IN THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- AN ESTIMATED 90 TONS OF BITUMINOUS SURFACE WILL BE REMOVED DURING MILLING OPERATIONS.
- ALL NUTRIENTS REQUIRED FOR "SEEDING, CLASS 2A" SHALL BE INCLUDED IN THE COST OF "SEEDING, CLASS 2A" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- IF AT ANY POINT DURING THE MILLING OPERATION THE CONCRETE BASE IS ENCOUNTERED, THE MILLING DEPTH SHALL BE REDUCED SO THAT THE CONCRETE BASE IS NOT DISTURBED.
- IF THE MILLING OPERATION DOES NOT REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKING, THE REQUIRED REMOVAL SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL". AN ADDITIONAL 80 SQ. FT. HAS BEEN INCLUDED IN THE PLANS.

STANDARDS

442201-01
482001
482011-01
606001-02
630001-06
701006-02
701011-01
701201-02
701301-02
701306-01
701311-02
701326-02
702001-06
720001
720006
780001-01
781001-02
000001-04
001001
001006

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COMMITMENTS

COMMITMENTS FOR THIS PROJECT ARE AS FOLLOWS:

NONE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, INDEX OF SHEETS
STANDARDS & COMMITMENTS
FAP ROUTE 592
SECTION 1211-1
ST. CLAIR COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

Rev. 4-11-06