

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
586	60R-2,37R-1	MADISON	502	2
STA.	TO STA.			
CONTRACT NO: 76301				

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GENERAL NOTES

- THE STANDARDS AND REVISIONS NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKINGS 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 ARE AS FOLLOWS:
  - CITY OF TROY (WATER)
  - CITY OF TROY (SANITARY SEWER)
  - PHILLIPS PIPELINE COMPANY (PETROLEUM PIPELINE)
  - SBC/AMERITECH (TELEPHONE)
  - ILLINOIS POWER COMPANY (NATURAL GAS)
  - ILLINOIS POWER COMPANY (ELECTRIC, LIGHTING)
  - SOUTHWESTERN ELECTRIC COOPERATIVE (ELECTRIC)
  - CHARTER COMMUNICATIONS COMPANY (CABLE TV)
 (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 THICKNESS OF THE BITUMINOUS MIXTURES SHOWN ON THE PLANS IS A 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 MIXTURE IS PLACED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT AND AT ALL INTERSECTING SIDE ROADS. COST SHALL BE INCLUDED IN THE VARIOUS TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
- NO OVERNIGHT LANE CLOSURES SHALL BE PERMITTED ON THIS PROJECT.
- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ALL EXCAVATED AREAS DUE TO WIDENING OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS. THIS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS. HOWEVER, INSTALLATION BY METHOD 'A' (ARTICLE 730.01(A)) SHALL BE THE ONLY METHOD PERMITTED.
- FULL DEPTH SAWCUTTING WILL BE REQUIRED IN ORDER TO REMOVE GUTTER OUTLETS, CURB & GUTTER, CURB, CONCRETE PAVEMENT SIDEWALK, DRIVEWAY PAVEMENT, AND BITUMINOUS SHOULDER. THIS SAWING WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE REMOVAL PAY ITEMS.
- SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, BINDER COURSE, AND FINAL SURFACE COURSE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION WILL BE PAID FOR (WORK ZONE PAVEMENT MARKING REMOVAL - SQ FT). AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS ALSO BEEN ADDED TO THE PLANS.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH EITHER CLASS 1A SEEDING OR CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04  
MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03.
- CURB AND OR CURB & GUTTER OR GUTTER REMOVAL ADJACENT TO 'DRIVEWAY PAVEMENT TO BE REMOVED' WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR 'DRIVEWAY PAVEMENT REMOVAL'.
- REMOVAL OF TEMPORARY BITUMINOUS RAMPS AND TEMPORARY BITUMINOUS WIDENING TAPERS ADJACENT TO THE OMISSION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR 'BITUMINOUS SURFACE REMOVAL - VAR DEPTH'
- ANY ITEM AS DETERMINED BY THE ENGINEER TO BE IN CONFLICT WITH THE PROJECT, NOT ACCOUNTED FOR BY LAND ACQUISITIONS OR OTHERWISE MENTIONED ELSEWHERE IN THE PLANS, SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF BY THE CONTRACTOR, AS SPECIFIED BY THE ENGINEER ACCORDING TO SECTION 109.04 IN THE STANDARD SPECIFICATIONS.

GENERAL NOTES (CONT'D)

- THE ESTIMATED TONNAGE OF MILLED MATERIAL IS 2350 TONS.
- THE LOCATION OF THE PROPOSED SIGNS SHOWN ON THE PLANS ARE APPROXIMATE, FINAL LOCATIONS SHALL BE DETERMINED BY THE RESIDENT ENGINEER.
- 1665 TONS OF 'AGGREGATE FOR DRIVEWAY MAINTENANCE' HAS BEEN INCLUDED IN THE PLANS TO MAINTAIN ACCESS TO THE PROPERTIES DURING CONSTRUCTION ACTIVITIES AS SPECIFIED IN SECTION 402.10 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE ENGINEER.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

FORMOSA ROAD TO DEWEY STREET

MIXTURE USE	SURFACE	LEVEL BINDER	INCIDENTAL	PATCHING	BINDER	SHOULDERS
AC/PG	SBS PG 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
RAP % (MAX)	0%	10%	10%	10%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes = 90	4.0% @ Ndes = 90	4.0% @ Ndes = 90	4.0% @ Ndes = 90	4.0% @ Ndes = 90	2.0% @ Ndes = 30
MIX COMPOSITION (GRADATION MIXTURE)				IL 19.0	IL 19.0	
FRICITION AGG	MIXTURE E	MIXTURE C	MIXTURE E	MIXTURE B	MIX B	BAM

MIXTURE USE	TEMP PAVEMENT	TOP LIFT SHOULDERS
AC/PG	PG 64-22	PG 58-22
RAP % (MAX)	15%	30%
DESIGN AIR VOIDS		** 2.0% @ Npdes = 30
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	MIXTURE C	BAM

DEWEY STREET TO US 40

MIXTURE USE	SURFACE	LEVEL BINDER	INCIDENTAL	PATCHING	BINDER	SHOULDERS
AC/PG	SBS PG 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
RAP % (MAX)	10%	10%	10%	15%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70	4.0% @ Ndes = 70	4.0% @ Ndes = 70	4.0% @ Ndes = 90	2.0% @ Ndes = 30
MIX COMPOSITION (GRADATION MIXTURE)				IL 19.0	IL 19.0	
FRICITION AGG	MIXTURE E	MIXTURE C	MIXTURE E	MIXTURE B	MIX B	BAM

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN THICKNESS (59.8 KG/SQ M/25 MM THICKNESS).

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

- VOID AREAS BELOW THE PROPOSED CONCRETE MEDIAN SURFACE AND THE PROPOSED CURB AND GUTTER CREATED BY THE REMOVAL OF PAVEMENT AND/OR EXISTING CONCRETE MEDIANS SHALL BE FILLED WITH COARSE AGGREGATE AS SPECIFIED IN SECTION 606.08 OF THE STANDARD SPECIFICATIONS. THIS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF 'CONCRETE MEDIAN SURFACE 4" '.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB AND MEDIAN SURFACE.
- THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR MAY BE REQUIRED TO RELOCATE THE CHANGEABLE MESSAGE SIGNS TO DIFFERENT LOCATIONS WITHIN THE PROJECT, AS DIRECTED BY THE ENGINEER. THE RELOCATING OF THE SIGNS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CHANGEABLE MESSAGE SIGNS.
- TIE POINTS ARE FROM EXISTING CENTERLINE.
- PROPOSED STORM SEWER SHALL BE CONNECTED TO EXISTING DRAINAGE STRUCTURES BY A CONCRETE COLLAR CONSTRUCTED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWER PAY ITEM INVOLVED. IT WILL ALSO INCLUDE ANY WORK REQUIRED TO MAKE THE NECESSARY OPENINGS IN THE DRAINAGE STRUCTURE.
- THE FINAL BITUMINOUS SURFACE COURSE (1.5") AND THE FINAL 2" OF BITUMINOUS SHOULDERS SHALL BE PLACED AFTER ALL OTHER WORK ON THE PROJECT IS COMPLETE. THE INTENT IS TO CONSTRUCT A FINAL SURFACE FREE OF TEMPORARY PAVEMENT MARKING 'GHOSTS' AND CONSTRUCTION DIRT OR DEBRIS. ANY ADDITIONAL COSTS CREATED BY COMPLYING WITH THIS NOTE SHALL BE INCLUDED WITH THE COSTS FOR THE VARIOUS TYPES OF BITUMINOUS ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TOP LIFT SHOULDERS
PG 58-22
30%
** 2.0% @ Npdes = 30
BAM

STANDARDS

- 000001-04 631011-02
- 280001-02 635006-02
- 353001-01 635011-01
- 406201 701001-01
- 424001-03 701006-02
- 442201-01 701011-01
- 482011-01 701201-02
- 542301 701301-02
- 542401 701306-01
- 542606 701311-02
- 602301 701326-02
- 602306 701336-04
- 602401 701501-03
- 602406-01 701502-01
- 602601 701701-04
- 604006-02 701801-03
- 604011-02 702001-05
- 604056-01 720001
- 604086-01 720006
- 604021-01 720011
- 604036-01 729001
- 604051-01 780001-01
- 604071-02 781001-02
- 606001-02 814001
- 606101-01 814006
- 606301-02 857001
- 630001-05 877001-02
- 630301-03 878001-03
- 880006
- 886001

COMMITMENTS

- THE EXISTING DRAIN PIPE LOCATED AT APPROX. STA. 572+50 LT SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM BY A METHOD APPROVED OF BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE STORM SEWER PAY ITEMS.
- TREE FELLING WILL BE RESTRICTED TO THE DATES BETWEEN SEPTEMBER 30 AND APRIL 1 OF ANY GIVEN YEAR.
- PRIOR TO CONSTRUCTION OF THE ENTRANCE LOCATED AT STA. 537+50 LT (FAMILY DOLLAR STORE), THE RE WILL CONTACT MR. THOMAS E. SCHOENHEIT @ 1-800-547-0359 OR THE STORE MANAGER @ 1-618-677-7325 TO DISCUSS THE CONSTRUCTION OF THE ENTRANCE AND POSSIBLE STAGING OPTIONS.
- LIGHT POLES/FOUNDATION, SIGNS, ETC LOCATED WITHIN THE TEMPORARY EASEMENT AT THE MCDONALD'S RESTAURANT SHALL NOT BE DISTURBED OR DAMAGED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INDEX OF SHEETS, LIST OF STANDARDS, GENERAL NOTES, AND COMMITMENTS**  
 FAP ROUTE 586 (IL 162)  
 SECTION 60R-2,37R-1  
 MADISON COUNTY

DRAWN BY:

DATE	BY	REVISIONS