

F.A. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

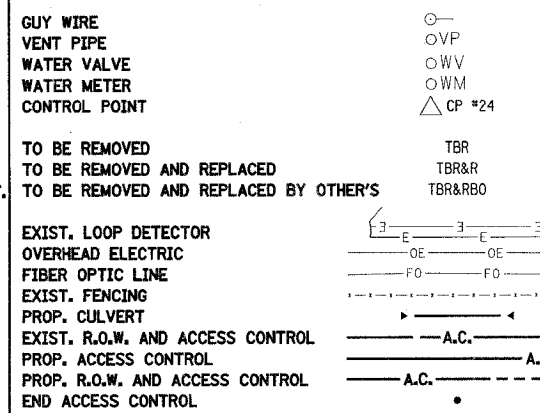
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- 372-373 DITCH SECTIONS - STA. 288+32.00 LT.
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- 378-381 DITCH SECTIONS - STA. 334+03.58 RT.
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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

001006	604036-01	701501-03
202001	606001-02	702001-05
280001-02	606301-02	704001-02
420701-01	606306-01	720001
424001-04	606401	720006
442101-05	630001-05	720011
442201-01	630201-03	720016-01
482001	630301-03	729001
515001-02	635001	780001-01
542101	635006-02	781001-02
542106	635011-01	814001
542301	642001	886001
542306	667001	886006
542311	667101	000001-04
542401	701001-01	
542511	701006-02	
542526	701011-01	
542546	701101-01	
601001	701201-02	
601101	701301-02	
602301	701306-01	
602306	701311-02	
602401	701321-08	
602406-01	701326-02	
602601	701421-01	
604001-02	701422-01	
604006-02	701426-02	

LEGEND



GENERAL NOTES (CONTINUED)

- 5. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 6. 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 ARE AS FOLLOWS:
 - CITY OF BELLEVILLE - SEWER
 - SBC TELEPHONE
 - CHARTER COMMUNICATIONS - CABLE
 - ILLINOIS AMERICAN WATER CO. - WATER
 - ILLINOIS POWER - ELECTRIC AND GAS
 - MCI TELEPHONE - FIBER OPTIC CABLE
 - VILLAGE OF FREEBURG - WATER, SEWER, ELECTRIC
- (MEMBER OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
- 7. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH, IS AT PRESENT NOT KNOWN. VERIFICATION OF THE LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, WILL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.
- 8. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF TWELVE SAND BAGS PER BARRICADE.
- 9. CONSTRUCT FINAL BITUMINOUS SURFACE MIX ON ALL PAVEMENTS AND SHOULDERS AFTER STAGING SECTIONS ARE COMPLETED TO MINIMIZE CONSTRUCTION JOINTS AND OPTIMIZE FINAL PAVEMENT MARKING OPERATIONS.
- 10. THE CONTRACTOR SHALL NOT DISTURB THE EXISTING CONCRETE PEDESTRIAN BRIDGE LOCATED WITHIN THE TEMPORARY CONSTRUCTION EASEMENT AT STATION 334+00.00 LT. ANY DAMAGE TO THIS STRUCTURE RESULTING FROM THE CONTRACTOR'S OPERATION SHALL BE REPAIRED AT HIS EXPENSE AND TO THE SATISFACTION OF THE OWNER. REFER TO SHEET 115; STORM SEWER-PLAN AND PROFILE FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
- 11. THE STANDARDS WITH THE REVISION NUMBERS STATED ON THE COVER SHEET SHALL APPLY TO THIS PROJECT.
- 12. EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE FLASHING OR STEADY BURNING LIGHTS.
- 13. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- 14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ADJACENT PAVEMENT IS NOT DAMAGED DURING ANY OPERATION.
- 15. WHEN ERECTING POSTS FOR CONSTRUCTION SIGNING IN AREAS OTHER THAN ALONG THE MAINLINE HIGHWAY, THE CONTRACTOR SHALL CALL J.U.L.I.E. TO LOCATE ANY BURIED UTILITIES THAT MAY BE IN THE AREA.
- 16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THE CORRECT COLOR OF THERMOPLASTIC AND PAINT PAVEMENT MARKINGS, (REFER TO THE PAVEMENT MARKING SHEETS IN THE PLANS.) THIS WORK WILL BE DONE IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS.
- 18. ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT MARKING.
- 19. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 20. THE FOLLOWING SPECIAL WASTE ITEMS HAVE BEEN ADDED TO THE PLANS:
 - (1) SPECIAL WASTE PLANS AND REPORTS - 1 LUMP SUM
 - (2) NON-SPECIAL WASTE DISPOSAL - 42 CUBIC YARDS
 - (3) SOIL DISPOSAL ANALYSIS - 1 EACH
- 21. BARRICADES AND EXTENDED LEG BARRICADE USED FOR PROTECTION OF STORM SEWER AND OTHER ITEMS OF DRAINAGE WORK WILL HAVE FLASHING LIGHTS UNLESS GREATER THAN 100' THEN THE LIGHTS WILL BE STEADY BURN.

GENERAL NOTES (CONTINUED)

- 22. 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- 23. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- 24. AGGREGATE FILL IS REQUIRED BENEATH ALL NEW CONCRETE MEDIAN SURFACES. ALL AGGREGATE FILL SHALL BE IN ACCORDANCE WITH/ SECTION 606 OF THE STANDARD SPECIFICATIONS.
- 25. BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) PAVEMENT MILLING IS REQUIRED IN ORR TO ACHIEVE A NOMINAL PAVEMENT THICKNESS AS DEFINED BY THE PROPOSED PROFILE GRADE LINE SHOWN ON THE PLANS. AS SHOWN ON THE TYPICAL SECTIONS, THE PROPOSED PROFILE GRADE LINE FOR EASTBOUND AND WESTBOUND SIDES IS LOCATED AT THE INSIDE LANE LINE/SHOULDER LINE OF THE PROPOSED PAVEMENT SECTION. THE MILLING DEPTH OF THE EXISTING PAVEMENT WILL VARY WITH RESPECT TO THE PROPOSED PROFILE ELEVATION, FINISHED PAVEMENT CROSS SLOPE AND ELEVATION AND CROSS SLOPE OF EXISTING PAVEMENT.
- 26. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT AND LABOR TO PICK UP STATE OWNED TEMPORARY CONCRETE BARRIERS AT IL. RTE. 111 NORTH OF I55/70 AND TRANSPORT THE BARRIERS TO THE PROJECT SITE. UPON COMPLETION OF THE PROJECT THE CONCRETE BARRIERS WILL BECOME THE PROPERTY OF THE CONTRACTOR.

COMMITMENTS

- 1. FEDER TRUCKING SERVICE, 1648 EAST HIGHWAY 15. ACCESS ROAD DESIGN TO ACCOMMODATE COMMERCIAL TRUCKS.
- 2. BRUCE PFANNEBECKER, 1875 EAST STATE ROUTE 15. ACCESS ROAD DESIGN TO ACCOMMODATE COMMERCIAL TRUCKS.
- 3. TOM SEIBERT, FIRST ACCESS ROAD ON THE RIGHT FROM GREEN MOUNT ROAD. EXTENSION OF THE ACCESS ROAD ADJOINING EAST PROPERTY ACCESS ROAD.
- 4. FARM BUREAU, FIRST ACCESS ROAD ON THE RIGHT FROM GREEN MOUNT ROAD. NON EXTENSION OF THE ACCESS ROAD TO GREEN MOUNT ROAD.
- 5. RANDY KIRKWOOD, 3230 LINWOOD LANE. TREE REPLACEMENT.
- 6. TOM TEBBENHOFF, 807 NORTH STATE STREET. DRAINAGE IMPROVEMENTS TO PREVENT STREET AND DITCH RUNOFF FROM ENTERING BASEMENT WINDOW.
- 7. INDIANA BAT (ENDANGERED SPECIES) HAS BEEN IDENTIFIED WITHIN THE PROJECT LIMITS, THEREFORE NO TREES SHALL BE REMOVED BETWEEN THE MONTHS OF APRIL AND SEPTEMBER.
- 8. THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS OF THE STATE OF ILLINOIS AGREES TO SAVE THREE (3) GUMBALL TREES ON THE PROPERTY OF MR. & MRS. PITT AS PART OF THE SUBJECT PROPERTY.
 - 1 TREE AT STA. 259+60.27, 144' RT.
 - 1 TREE AT STA. 260+00.00, 143' RT.
 - 1 TREE AT STA. 260+32.00, 142' RT.
- 9. THE DEPARTMENT HAS COMMITTED TO SAVE AND PROTECT A LARGE HARD MAPLE TREE AT STA. 182+63.00, 192' LT.
- 10. THE ENGINEER SHALL VERIFY THAT CONTROL POINTS ARE EXISTING. IF ANY CONTROL POINTS ARE MISSING OR DISTURBED, CONTACT CLINT MARSHAL, LAND ACQUISITION CHIEF OF PLATS AT (618) 346-3124.
- 11. HERSHEL C. & ELAINE L. PARRISH. RESIDENT ENGINEER WILL CONTACT MR. PARRISH TO DETERMINE THE MOST SUITABLE LOCATION FOR A COMMERCIAL ENTRANCE BETWEEN STATION 308+50 TO STATION 313+00.
- 12. RICHARD SANDERS. EXISTING ENTRANCE AT STATION 327+55.12 HAS BEEN RELOCATED TO STATION 327+67.12.

GENERAL NOTES

- 1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002. THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.
- 2. THE PROPOSED WORK ON ILLINOIS ROUTE 13/15 BEGINS AT GREEN MOUNT ROAD AND EXTENDS SOUTH EASTERLY APPROXIMATELY 3.542 MILES.
- 3. THE NEW WORK INCLUDED IN THIS SECTION 27-1R INCLUDES, RECONSTRUCTION AND WIDENING OF ILLINOIS ROUTE 13/15, EARTHWORK, BRIDGE REPLACEMENT OVER SUGAR CREEK, DRAINAGE IMPROVEMENTS, AND OTHER INCIDENTAL WORK NECESSARY TO COMPLETE THIS PROJECT.
- 4. WHEN SECTION OR SUB-SECTION MARKERS 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, OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

MIXTURE REQUIREMENTS CHART

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX STANDARDS AND GENERAL NOTES
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: NONE DRAWN BY: CRO
 DATE: February 11, 2005 CHECKED BY: KAR