

# STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
420201-04	TYPICAL ENTRANCE RAMP TERM-JOINTED PCC RAMP AND MAINLINE PAVEMENT
420301-03	TYPICAL EXIT RAMP TERM-JOINTED PCC RAMP AND MAINLINE PAVEMENT
420401-05	BRIDGE APPROACH PAVEMENT
483001-02	PCC SHOULDER
515001-02	NAME PLATE FOR BRIDGES
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 mm (24") THRU 1350 mm (54") PIPE)
542401	METAL END SECTION FOR PIPE CULVERT
601001	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAINS
606001-02	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606301-02	PC CONCRETE ISLANDS AND MEDIANS
606306-01	CORRUGATED PC CONCRETE MEDIANS
609006-02	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-05	STEEL PLATE BEAM GUARDRAIL
630201-03	PCC/BIT STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-03	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631026-02	TRAFFIC BARRIERS TERMINAL TYPE 5 & 5A
631031-05	TRAFFIC BARRIER TERMINAL, TYPE 6
635001	DELINEATORS
6420001	SHOULDER RUMBLE STRIPS
665001-01	WOVEN WIRE FENCE
666001	RIGHT-OF-WAY MARKERS
667001	PERMENANT SURVEY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L, LW, 4.5 M (15') MIN. AWAY, FOR SPEEDS > 45 MPH
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO PAVEMENT EDGE FOR SPEEDS > 45 MPH
701101-01	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5 M (15') MIN. AWAY, FOR SPEEDS > 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') MIN. AWAY, FOR SPEEDS > 45 MPH
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY ON-RD TO 600 mm (24") OFF-RD FOR SPEEDS > 45 MPH
701301-02	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701306-01	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS-DAY ONLY FOR SPEEDS > 45 MPH
701311-02	LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-02	LANE CLOSURE 2L, 2W PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-03	LANE CLOSURE MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS > 45 MPH
701426-02	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEEDS > 45 MPH
704001-02	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS

# COMMITMENTS

1. THE INFORMATION SHOWN IN THESE PLANS RELATED TO COMMONWEALTH EDISON FACILITIES IS TO BE CONSIDERED CONFIDENTIAL TO THIS PROJECT.
2. THE WORK SHOWN IN THESE PLANS TO COMPLETE THE LOCKED GATE ACCESS TO I-80 FROM CH25 FOR THE SENECA EMERGENCY SERVICES SHALL BE COMPLETED TO A POINT WHICH WILL ALLOW ALL WEATHER ACCESS THROUGH A LOCKED GATE TO BOTH DIRECTIONS OF THE INTERSTATE PRIOR TO CLOSING ANY RSMP TRAFFIC AT THE SENECA ROAD INTERCHANGE (MP 105)
3. THE EASTBOUND ENTRANCE RAMP, RAMP B, INCLUDING ACCESS TO RAMP B FROM IL 6, SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
4. ACCESS TO THE COMMERCIAL ENTRANCE AT STA. 32+43.53 RT SHALL REMAIN OPEN AT ALL TIMES.
5. THE RESIDENT ENGINEER SHALL CONTACT JAMES REARDON AND ALVIN HELLAND PRIOR TO CONSTRUCTION TO DISCUSS FIELD TILE ISSUES.
6. ALL FIELD TILE WITHIN THE RIGHT OF WAY SHALL BE REPLACED EXCEPT UNDER I-80. TILE PASSING UNDER I-80 WILL BE REPLACED IN A FUTURE CONTRACT. TILE FLOW SHALL BE MAINTAINED BY CONNECTING EXISTING TILES (TO REMAIN) TO PROPOSED TILE AT FIELD TILE JUNCTION VAULTS NEAR THE MAINLINE BACKSLOPES.

# GENERAL NOTES

1. SEEDING SHALL BE PLACED ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. THE SEEDING SHALL BE DONE ACCORDING TO ARTICLE 250 AND 251 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
2. EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
3. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
4. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
5. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
6. PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACES OF NEW CONCRETE ACCORDING TO ARTICLE 420.21 AND/OR 503.19 OF THE STANDARD SPECIFICATIONS.
7. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
8. DO NOT INCLUDE MULCH IN EXCELSIOR BLANKET AREAS.
9. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
10. NO REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
11. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS/CU.YD.
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
MULCH METHOD 2	2 TONS/ACRE
BITUMINOUS PRIME COAT	0.08 - 0.375 GAL/SYD
BITUMINOUS RESURFACING	112 LBS/SYD/IN
SHORT TERM PAVEMENT MARKING	10 FT/100FT OF APPLICATION

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.
13. MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS THE IMPROVEMENT ARE:

COMMONWEALTH EDISON  
SBC  
NICOR GAS

14. EROSION CONTROL SHALL BE PLACED AROUND CULVERT END SECTIONS IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
15. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
16. ANY EXISTING ROAD SIGNS THAT ARE NOT SHOWN TO BE REMOVED OR RELOCATED IN THE PLANS BUT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
17. ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM CUT DEPTH IN THE PAVEMENT SHALL BE 1.5 INCHES UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS.
18. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, RIGHT OF WAY MARKERS SHALL BE INSTALLED AS A FIRST ITEM OF CONSTRUCTION ON THIS CONTRACT.
19. APPROACH CHANNELIZATION CALCULATIONS AND QUANTITIES ARE USED ACCORDING TO THE JANUARY, 1962 EDITION OF "TRANSITIONAL APPROACHES TO CHANNELIZED INTERSECTIONS".
20. FOR ALL TEMPORARY PAVEMENT MARKINGS ON FINAL SURFACES (I.E. MAINLINE PAVEMENT), ONLY TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED.
21. THE THICKNESS OF BITUMINOUS MIXTURES 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 OF BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
22. AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 3RD PARAGRAPH OF ARTICLE 1003.03(c) OF THE STANDARD SPECIFICATIONS.
23. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS (J.U.L.I.E.) SYSTEM.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-2HBR	GRUNDY	171	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66412				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: Steve B. Andrews  
ACTING DISTRICT STUDIES & PLANS ENGINEER

DATE: NOVEMBER 16, 2005

EXAMINED BY: Herbert K. Jung  
DISTRICT CONSTRUCTION ENGINEER

Kenneth C. Long  
DISTRICT MATERIALS ENGINEER

James A. Huson  
DISTRICT OPERATIONS ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80 (F.A.I. 80) AT  
SENECA ROAD (F.A.P. 623)  
GRUNDY COUNTY

# GENERAL NOTES

SCALE: N.T.S. DRAWN BY NMR/BJG  
DATE 10/14/05 CHECKED BY DJL/JPL