

SOIL, EROSION AND SEDIMENTATION CONTROL

- A. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, AND EPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL.
- B. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
- C. STABILIZATION MEASURES SHOULD BE INITIATED WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. AREAS OF THE SITE (INCLUDING SOIL STOCKPILES) THAT WILL REMAIN IDLE FOR 14 CALENDAR DAYS OR MORE SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 7 CALENDAR DAYS, WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER. STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER. ONCE CONSTRUCTION ACTIVITY IN AN AREA HAS PERMANENTLY CEASED, THAT AREA SHOULD BE PERMANENTLY STABILIZED. TEMPORARY PERIMETER CONTROLS SHOULD BE REMOVED AFTER FINAL STABILIZATION OF THOSE PORTIONS OF THE SITE UPWARD OF THE PERIMETER CONTROL.
- D. BEFORE STARTING CLEARING AND SITE GRADING WORK, A STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCES (PERIMETER EROSION BARRIER) SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL INSTALL ADDITIONAL SILT FENCES AS DIRECTED BY THE RESIDENT ENGINEER.
- E. THE CONSTRUCTION ENTRANCE TO THE SITE SHALL BE STABILIZED AS DETAILED PRIOR TO ANY WORK ON THE SITE. THE ENTRANCE SHALL BE MONITORED PERIODICALLY FOR ITS EFFECTIVENESS TO COLLECT DIRT, WHICH COULD LEAVE THE SITE VIA CONSTRUCTION VEHICLES. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
- F. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASHDOWN FACILITIES SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- G. ANY PUBLIC AND/OR PRIVATE ROADS THAT ARE ADJACENT TO THE SITE AND USED FOR INGRESS AND EGRESS, SHALL BE MONITORED AND SWEEPED WHEN DIRTY AT THE DIRECTION OF THE RESIDENT ENGINEER.
- H. OWNER IS RESPONSIBLE FOR PROVIDING EROSION CONTROL INSPECTOR FOR INSPECTING ALL SEDIMENT AND EROSION CONTROL MEASURES AT A MINIMUM OF EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5-INCH (OR GREATER) RAIN EVENT, OR SNOWFALL EQUIVALENT.
- I. AT THE COMPLETION OF THE PROJECT, ALL STORM SEWER PIPES AND STRUCTURES SHALL BE CLEANED AND FREE OF DIRT AND DEBRIS. THE SEDIMENTATION SHALL BE REMOVED FROM THE STORM SEWER SYSTEM AND SHALL NOT BE WASHED OUT IN THE STORM SEWER SYSTEM.

- 1. SEE STORM WATER POLLUTION PREVENTION PLAN FOR ADDITIONAL REQUIREMENTS.
- 2. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- 3. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- 4. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.
- 5. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE Routed THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE). THE WORK WILL BE INCLUDED IN THE COST OF STRUCTURAL EXCAVATION.
- 6. THE CONTRACTOR SHALL INSTALL/MAINTAIN/REMOVE INLET FILTERS IN ALL OPEN LID DRAINAGE STRUCTURES IN THE PAVEMENT THAT ARE WITHIN THE WORK ZONE OR ACCEPT STORMWATER THAT FLOWS OUT OF THE WORK ZONE, AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS AND IN THE STORM WATER POLLUTION PREVENTION PLAN ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS, LATEST EDITION OF THE MANUAL OF TEST PROCEDURE OF MATERIALS, THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), AND THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES.
- 2. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 3. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - B. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE, MAINTAIN AND RE-ERECT SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS.
 - C. THE CONTRACTOR WILL REMOVE ALL UNUSED SIGNS NOT CALLED OUT TO BE RELOCATED. ALL UNUSED SIGNS WILL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE ENGINEER. THE WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, LOCATION 1, AND LOCATION 2.
 - D. SIGNS WILL BE INSTALLED PER IDOT HIGHWAY STANDARD 720006 AT TEMPORARY AND PERMANENT LOCATIONS.
- 4. EARTH EXCAVATION
 - A. ALL EMBANKMENT WIDENING SHALL BE SUFFICIENTLY BENCHED INTO EXISTING EMBANKMENTS/SLOPES PER ARTICLE 205 OF THE STANDARD SPECIFICATIONS, AND AS APPROVED BY THE ENGINEER. ALL COSTS SHALL BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.
 - B. ALL EXCESS MATERIAL WHICH MEET SECTION 205 OF THE STANDARD SPECIFICATIONS SHALL BE USED AS EMBANKMENT PER SECTION 205 OF THE STANDARD SPECIFICATIONS.
 - C. EARTH EXCAVATION SHALL CONFORM TO THE REQUIREMENTS OF SECTION 202 OF THE STANDARD SPECIFICATIONS, IN ADDITION TO ITEMS SPECIFIED IN SECTION 202 AND AS NOTED IN THE PLANS AND SPECIAL PROVISIONS, EARTH EXCAVATION SHALL CONSIST OF:
 - 1. EXCAVATION TO SUBGRADE ELEVATION.
 - 2. PLACING AND COMPACTING SUITABLE EXCAVATED MATERIAL FOR FILL AREAS IN ACCORDANCE WITH SECTION 205 OF THE "STANDARD SPECIFICATIONS".
 - D. EARTH MOVED MORE THAN ONCE DUE TO CONSTRUCTION STAGING AND/OR PROCEDURES SELECTED BY THE CONTRACTOR WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
- 5. DRAINAGE
 - A. DURING THE CONSTRUCTION OPERATIONS WHEN LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, DETOUR 1, AND DETOUR 2.
- 6. ALL REFERENCES TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE LATEST STANDARDS OF THE DEPARTMENT.
- 7. SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- 8. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS IN ACCORDANCE WITH SECTION 107.
- 9. UTILITIES
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. CONTRACTOR SHALL CONTACT AND COORDINATE WITH UTILITY COMPANIES FOR ALL UTILITY ADJUSTMENTS THAT ARE REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE SPECIAL PROVISIONS.
 - B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ALL UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
 - C. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 OR 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES (48 HOURS NOTIFICATION IS REQUIRED.)
 - D. PUBLIC AND PRIVATE UTILITIES: THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE LOCATIONS OF UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH ARTICLE 105.07.
- 10. WATER, STORM SEWER, AND SANITARY SEWER
 - A. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE/SHE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE/SHE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF STRUCTURE EXCAVATION.
 - B. THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY WATER DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

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8-24	STRUCTURAL PLANS - EAST FRONTAGE ROAD
25-43	STRUCTURAL PLANS - WEST FRONTAGE ROAD
44-50	HISTORIC STRUCTURAL PLANS

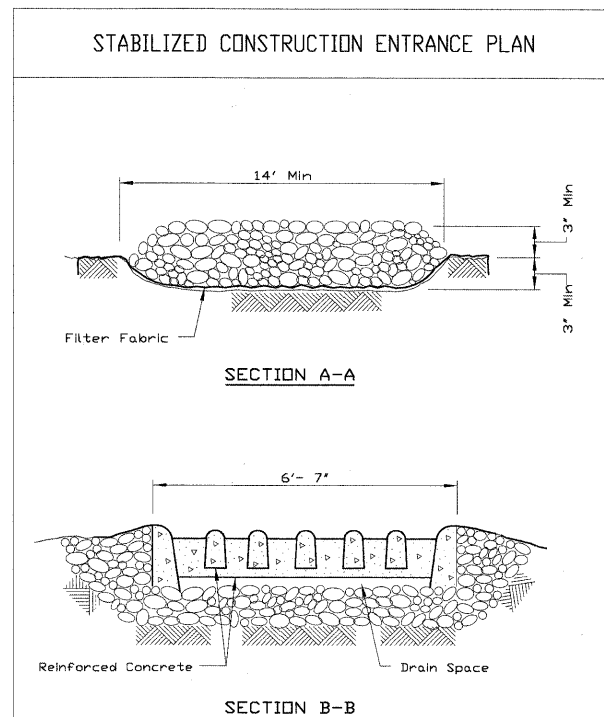
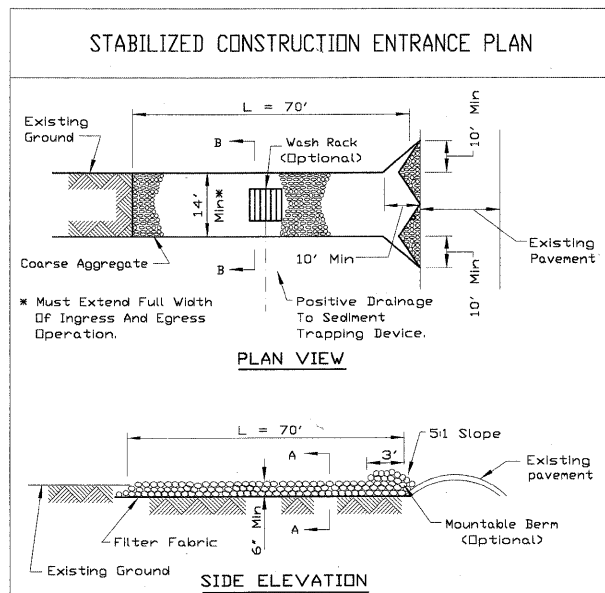
LIST OF HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 m) JOINTED PCC PAVEMENT
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03	NAME PLATE FOR BRIDGES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
608001-04	CONCRETE CURB TYPE B AND COMBINATION CONC CURB AND GUTTER
609006-05	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-08	STEEL PLATE BEAM GUARDRAIL
631006-07	TRAFFIC BARRIER TERMINAL, TYPE 1B
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TYPICAL PAVEMENT MARKINGS
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
780001-02	TRAFFIC CONTROL DEVICES
BLR17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR18-5	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

11. MISCELLANEOUS

- A. ALL PEDESTRIAN ROUTES CONSTRUCTED AS PART OF THIS PROJECT SHALL BE ADA COMPLIANT.
- B. ALL SAWCUTTING SHALL BE INCLUDED IN THE COST OF THE ADJACENT REMOVAL ITEM AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.
- C. THE PROTECTIVE COATING SHALL BE APPLIED TO THE EXPOSED SURFACES OF THE CONCRETE CURB AND GUTTER, SIDEWALK, AND ROADWAY. CONCRETE CURING SHALL BE LIMITED TO METHODS SPECIFIED IN ARTICLE 1020.13 (A) (1), (2), AND (3).
- D. CONTRACTOR WILL REPAIR, TO THE SATISFACTION OF THE ENGINEER, ALL DAMAGE TO EXISTING ITEMS NOT SHOWN FOR REMOVAL. THIS WORK WILL BE DONE BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- 12. THE CONTRACT DOCUMENTS ARE NOT INTENDED TO SHOW EVERY AND ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DOCUMENTS IS TO ILLUSTRATE THE DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DOCUMENTS, AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ANY WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DOCUMENTS BUT WHICH IS NECESSARY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
- 13. DETOURS AND ROAD CLOSURES; SEE DETOUR PLAN SHEETS FOR REQUIREMENTS.
- 14. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
- 15. ALL EQUIPMENT SHALL REMAIN AT BRIDGE DECK ELEVATION. ONLY WORKERS WITH PORTABLE EQUIPMENT SHALL ENTER BELOW BRIDGE DECK ELEVATION.
- 16. BRIDGES SHALL BE OPEN TO TWO-WAY TRAFFIC DURING WINTER SHUT-DOWN.

NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF ASSOCIATED PAY ITEM



- NOTES:**
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 - Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 - Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 - If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	_____ Date _____	STANDARD DWG. NO.	IL-630
Designed	_____ Date _____	SHEET 1 OF 2	
Checked	_____ Date _____	DATE	8-18-94
Approved	_____ Date _____		

REFERENCE Project	_____ Date _____	STANDARD DWG. NO.	IL-630
Designed	_____ Date _____	SHEET 2 OF 2	
Checked	_____ Date _____	DATE	8-18-94
Approved	_____ Date _____		

FILE NAME =	USER NAME = PRAZALAN	DESIGNED - RCB	REVISED -
PROJECT =	361BR86_01.SHT	DRAWN - PMM	REVISED -
PLOT SCALE = 1"		CHECKED - JGS	REVISED -
PLOT DATE = 6/16/2010		DATE - 5/10/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.U. 2592 AND F.A.U. 2594
GENERAL NOTES, EROSION CONTROL NOTES & DETAILS,
SHEET INDEX AND LIST OF HIGHWAY STANDARDS**

SCALE: N.T.S SHEET NO. OF SHEETS STA. TO STA.

F.A.U. 2592 & 2594	SECTION 04-00091-00-BR	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 2
CONTRACT NO. 63471				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				