

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2011; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", SIXTH EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

UTILITIES

1. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY OWNERS IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE VILLAGE OF LOMBARD WITHIN THE DURATION OF THE CONTRACT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

3. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION EQUAL TO THAT EXISTING BEFORE THE DAMAGE INCURRED. THIS WORK SHALL BE ARRANGED BY THE UTILITY COMPANY AND SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION LR 105.

STAKING

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE BACK OF CURB, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN AT POINTS OF CURVE, ETC., ARE TOP OF CURB, UNLESS OTHERWISE NOTED.
3. STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE-TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURES-TO THE CENTER OF THE STRUCTURE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING ALL R.O.W. AND EASEMENTS IN ADDITION TO ALL OTHER REQUIREMENTS SPECIFIED IN RECURRING SPECIAL PROVISIONS "CONSTRUCTION LAYOUT STAKES."

SEWERS AND WATER MAINS

1. ANY LOOSE MATERIAL, DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

2. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN AN OPERATING CONDITION TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

3. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR ANY MANHOLE, CATCH BASIN, INLET, DRY WELL VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: FOR STORM SEWER STRUCTURES- "STORM", FOR SANITARY SEWER STRUCTURES--"SANITARY", FOR WATER SYSTEM STRUCTURES--"WATER". ANY ADDITIONAL COST FOR THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND CLOSED LID PROVIDED.

4. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

BACKFILL

1. ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER AND WATER MAIN HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE.

LIGHTING

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LIGHTING CONTRACTOR AND THE MSE WALL SUPPLIER TO VERIFY THE DEPTH OF LIGHT POLES, CONDUIT, AND UNIT DUCT AVOIDS CONFLICTS WITH SOIL REINFORCEMENT FOR THE MECHANICALLY STABILIZED EARTH RETAINING WALL.

SIGNS

1. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY ARTICLE 107.25 AND THE FOLLOWING REQUIREMENTS:
 - A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - C. ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.
 - D. ALL UNUSED SIGNS WILL BE PLACED AT A PRE-DETERMINED LOCATION FOR PICK UP BY THE VILLAGE OF LOMBARD.
 - E. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

MISCELLANEOUS

1. THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT, UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.
2. SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
3. THE THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES ARE TO BE PLACED.
4. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, P.C.C. SIDEWALK, P.C.C. DRIVEWAY PAVEMENT, AND AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
7. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.
8. TYPE "A" CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON PLAN.
9. THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSTABLE MATERIALS,
10. ALL DISTURBED AREAS WITHIN THE PROJECT THAT ARE NOT OTHERWISE SURFACED SHALL BE CLEARED, LAYERED WITH TOPSOIL, AND SEEDED OR SODDED AS SHOWN IN THE PLANS.
11. USE A FERTILIZER WITH AN ANALYSIS OF 1:1 RATIO AT THE FOLLOWING RATE PER ACRE:

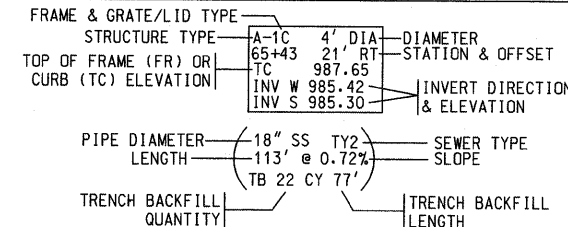
	SEEDING	SODDING
NITROGEN FERTILIZER NUTRIENT	90 LBS.	60 LBS.
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS.	60 LBS.
POTASSIUM FERTILIZER NUTRIENT	90 LBS.	60 LBS.
12. SUPPLEMENTAL WATERING SHALL BE PERFORMED WHEN DIRECTED BY THE ENGINEER AT A RATE OF 10 GAL PER SQ. YD.
13. THE CONTRACTOR SHALL DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER EXCAVATED MATERIAL NOT FOR SALVAGE AT HIS EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE EACH DAY.
14. FOR RAILROAD NOTES, REFER TO GREAT WESTERN TRAIL OVER UNION PACIFIC RAILROAD STRUCTURE PLANS.
15. DESIGN LOADING FOR PROPOSED STRUCTURES WITHIN PROJECT LIMITS IS H20, SEE STRUCTURE PLANS. CONTRACTOR SHALL NOT EXCEED THIS STRUCTURE LOADING AT ANY TIME DURING CONSTRUCTION. THE COST OF ALL LABOR, EQUIPMENT, AND MATERIALS TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID DIRECTLY, BUT THE COST SHALL BE CONSIDERED INCLUDED IN THE PROPOSED ITEMS OF WORK IN THE CONTRACT.
16. TRAIL SIGNING AND BOLLARD WILL BE INSTALLED BY COUNTY.
17. THE CONTRACTOR IS RESPONSIBLE FOR ANY TESTING AND COORDINATION RELATED TO THE CLEAN CONSTRUCTION DEMOLITION DEBRIS RULES AS ESTABLISHED BY THE STATE OF ILLINOIS PRIOR TO REMOVAL OF UNSUITABLE MATERIAL FROM THE PROJECT SITE.

18. A WAITING PERIOD OF TWO MONTHS IS REQUIRED BETWEEN THE COMPLETION OF EMBANKMENT CONSTRUCTION AND THE BEGINNING OF PAVING OPERATIONS FROM STATION 13+40 TO STATION 14+70 (APPROXIMATE LIMITS OF GRS-IBS AT GRACE STREET). AT ALL OTHER LOCATIONS ALONG THE PROJECT A WAITING PERIOD OF 5 MONTHS WILL BE REQUIRED BETWEEN THE COMPLETION OF EMBANKMENT CONSTRUCTION AND PAVING OPERATIONS. THE CONTRACTOR SHALL STAGE THIS WORK ACCORDINGLY AND ALL WORK NECESSARY TO ADHERE TO THIS CONTRACT REQUIREMENT IS INCLUDED IN THE ITEMS NECESSARY FOR EMBANKMENT CONSTRUCTION AND PLACEMENT OF SUB-BASE. ANY CONTRACTOR REMOBILIZATION WILL NOT BE GROUNDS FOR ADDITIONAL PAYMENT.

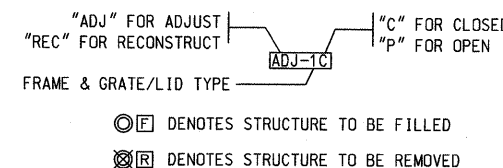
HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATES FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-03	INLET TYPE A
602306-03	INLET TYPE B
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
606201-02	TYPE B GUTTER
664001-02	CHAIN LINK FENCE
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-04	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-01	TRAFFIC CONTROL DEVICES
814001-02	HANDHOLES

SEWER STRUCTURE AND PIPE NOTATION



STRUCTURE ADJUSTMENT/RECONSTRUCTION/REMOVAL NOTATION



SUPPLEMENTAL LEGEND

SEE IDOT HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION

////	EXISTING CURB REMOVAL
==	EXISTING CURB OR CURB & GUTTER
---	PROPOSED CURB OR CURB & GUTTER
	EXISTING CONCRETE PAVEMENT, DRIVEWAY PAVEMENT
	EXISTING SIDEWALK TO BE REMOVED
XXXX	HOT-MIX ASPHALT
XXXX	PAVEMENT REMOVAL

UNION PACIFIC AND IDOT RAILROAD CROSSINGS
GENERAL NOTES:

SEE GENERAL NOTES ON UPRR STRUCTURAL PLAN FOR RESTRICTIONS AND PAYMENT CONDITIONS ASSOCIATED WITH WORK PERFORMED IN THE UNION PACIFIC RIGHT OF WAY.

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USER NAME = daly	DESIGNED - BD	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - DC	REVISED -
PLOT DATE = 7/22/2011	CHECKED - BD	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
GREAT WESTERN TRAIL**

GENERAL NOTES

SCALE: NONE SHEET NO. SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00151-00-BR	DuPAGE	201	2
CONTRACT NO. 63568				
ILLINOIS FED. AID PROJECT				