

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF STANDARD SPECIFICATION. THE J.U.L.E. NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.

THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND ARE INTENDED TO BE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS/HER CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS.

ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN STATE R.O.W. SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ALL STATIONS AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE PREVIOUS SHEET OR THE COPY INCLUDED IN THESE PLANS.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SODDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SODDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTIONS LIMITS SHALL BE SODDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE. SODDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN UNTILLABLE CONDITION.

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

BITUMINOUS CONCRETE LEVELING BINDER	0.056 TON/SQ YD IN
BITUMINOUS CONCRETE BASE COURSE	0.056 TON/SQ YD IN
BITUMINOUS CONCRETE SURFACE COURSE	0.056 TON/SQ YD IN
ALL AGGREGATE	2.05 TON/CU YD

 BITUMINOUS MATERIALS:
 -ON PAVEMENT 0.00038 TON/SQ YD
 -ON AGGREGATE SURFACE 0.001425 TON/SQ YD
 AGGREGATE (PRIME COAT) 0.002 TON/SQ YD
 AGRICULTURAL GROUND LIMESTONE 0.000046 TON/SQ YD
 NITROGEN FERTILIZER NUTRIENT 0.0186 LBS/SQ YD
 PHOSPHORUS FERTILIZER NUTRIENT 0.0011 LBS/SQ YD
 POTASSIUM FERTILIZER NUTRIENT 0.0074 LBS/SQ YD
 SUPPLEMENTAL WATERING 0.009 UNITS/SQ YD
 TEMPORARY SEEDING 100 LBS/ACRE

- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE BINDER COURSE AND SURFACE COURSE.
- ACCESS TO ALL PRIVATE AND COMMERCIAL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. ACCESS TO COMMERCIAL AND PRIVATE ENTRANCES TO BE PAID FOR AS Z0000990 AGGREGATE FOR TEMPORARY ACCESS (PER TON). THESE QUANTITIES SHALL BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING ACCESS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS PH: (217) 782-7314.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT ABOVE THE STORM SEWER CROWN.
- TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAWED JOINTS FOR REMOVALS AND BUTT JOINTS SHALL BE CONSIDERED INCLUDED IN ITEM BEING REMOVED OR CONSTRUCTED.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, MANHOLES, STORM SEWER OR INLETS THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS AND QUANTITIES.
- ALL OPENINGS IN PRECAST STRUCTURES, INCLUDING BOX CULVERTS, SHALL BE PRECAST TO THE PROPER SIZE. THIS INCLUDE OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEM FOR THE STRUCTURES INVOLVED.
- ALL DRAINAGE STRUCTURES SHALL BE DELIVERED TO THE STATE WITHOUT SILT, DEBRIS OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.
- 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 PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS AND PROPERTY MARKERS DESTROYED BY HIS/HER OPERATIONS, AT THE CONTRACTOR'S EXPENSE.
- PARKING BLOCKS REMOVED FROM HARDEE'S PARKING LOT SHALL NOT BE DISPOSED AND SHALL BE RETURNED TO HARDEE'S.

COMMITMENTS

NONE

MIXTURE DESIGN

LOCATION(S):	
MIXTURE USE(S):	BITUMINOUS SURFACE
PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICITION AGGREGATE:	MIX D

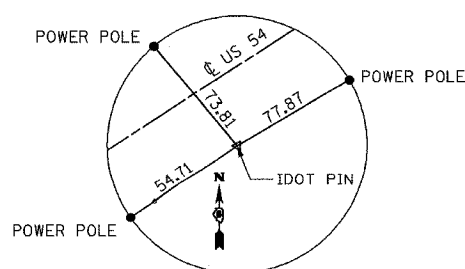
LOCATION(S):	
MIXTURE USE(S):	LEVELING BINDER (MACHINE METHOD)
PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5
FRICITION AGGREGATE:	N/A

LOCATION(S):	
MIXTURE USE(S):	BITUMINOUS BASE COURSE
PG:	PG 58-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	2.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICITION AGGREGATE:	N/A

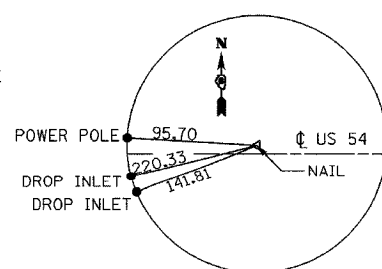
LOCATION(S):	
MIXTURE USE(S):	INCIDENTAL SURFACE
PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICITION AGGREGATE:	MIX C

SEQUENCE OF CONSTRUCTION

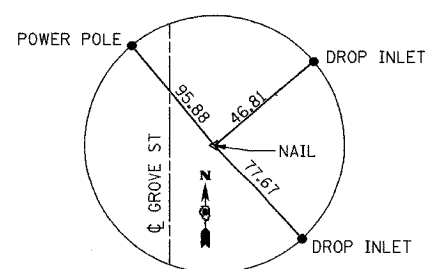
- CONSTRUCT THE DRAINAGE IMPROVEMENTS AND UTILITY RELOCATIONS ON GROVE STREET KEEPING ONE LANE OPEN AT ALL TIMES USING FLAGPERSONS.
- ON US 54, RECONSTRUCT THE EASTERNMOST HARDEE'S ENTRANCE AND CURB IN THE IMMEDIATE VICINITY OF THE ENTRANCE WHILE KEEPING THE WESTERNMOST ENTRANCE OPEN.
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- PERFORM BITUMINOUS SURFACE REMOVAL ON GROVE STREET KEEPING ONE LANE OPEN AT ALL TIMES USING FLAGPERSONS.
- CONSTRUCT WIDENING, CURBS AND PAVED MEDIAN SEPARATING THE ROADWAY FROM HARDEE'S PARKING LOT (NE QUADRANT)
- MOVE TRAFFIC TO THE NORTH BOUND LANE ON GROVE STREET AND NEWLY ADDED WIDENING. ENOUGH ROOM WILL BE AVAILABLE ON GROVE STREET FOR TWO LANES, ONE IN EACH DIRECTION ON THE RIGHT SIDE OF GROVE STREET.
- CONSTRUCT WIDENING AND CURB & GUTTER IN THE NW QUADRANT NEAR THE CEMETERY.
- PLACE BITUMINOUS BASE COURSE KEEPING ONE LANE OPEN AT ALL TIMES USING FLAGPERSONS.
- PERFORM MILLING ON US 54.
- PLACE SURFACE COURSE AND PAVEMENT MARKING ON BOTH US 54 AND GROVE STREET.



CONTROL POINT 1
US 54
STA. 62+69.12 36.45' LT
N = 1071088.5630
E = 2111817.3710



CONTROL POINT 2
US 54
STA. 54+25.08 28.86' RT
N = 1071344.7350
E = 2112599.5910



CONTROL POINT 3
GROVE STREET
STA. 10+61.86 44.47' RT
N = 1071305.6382
E = 2112066.8154

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**GENERAL NOTES, COMMITMENTS,
ALIGNMENT TIES,
MIXTURE DESIGNS, &
SEQUENCE OF CONSTRUCTION**

SCALE: NONE
DATE 12/16/03

DRAWN BY AJP
CHECKED BY SRD