

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE CITY OF PROSPECT HEIGHTS, VILLAGE OF GLENVIEW AND COOK COUNTY HIGHWAY DEPARTMENT FOR FIELD LOCATIONS OF WATER MAIN, SANITARY SEWER, ELECTRIC AND ALL MUNICIPAL UTILITIES.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF PROSPECT HEIGHTS, VILLAGE OF GLENVIEW AND FOREST PRESERVE DISTRICT OF COOK COUNTY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO THE 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.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SANDBAGS.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL STORM SEWER CONNECTIONS WITH PIPES 27" DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27" DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST TEE AND WYE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF STORM SEWER.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HIRE AN ENVIRONMENTAL FIRM THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT. THE PREQUALIFIED CONSULTANT MUST CONTINUOUSLY MONITOR ALL SOIL EXCAVATION AT SEVERAL LOCATIONS DURING EXECUTION OF THIS CONTRACT.
- ALL TEMPORARY SHEET PILING NECESSARY FOR THE PLACEMENT OF STORM SEWER, SANITARY SEWER, AND WATERMAIN SHALL BE INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.
- APPROXIMATELY 9800 FEET OF FULL-DEPTH SAWING IS REQUIRED TO SATISFACTORILY REMOVE THE EXISTING PAVEMENT AND DRIVEWAYS. THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- PAVEMENT ROUND-OUTS FOR DRAINAGE AND UTILITY STRUCTURES LOCATED WITHIN THE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON HIGHWAY STANDARD 420111. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) OF THE THICKNESS SPECIFIED.
- ALIGN FACE OF PROPOSED CURB WITH FACE OF EXISTING CURB AT SIDE STREETS, ENTRANCES, AND PARKING AREAS.
- ACCESS SHALL BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF STORM SEWERS AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.
- AT LEAST TWO WEEKS BEFORE STARTING PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE CONTRACTOR SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER @ (773) 685-8386.
- IF CONDITIONS CHANGE WITH REGARDS TO ADDITIONAL AREAS OR THE NEED TO DISPOSE OF SOIL OFFSITE, THE SPECIAL WASTE UNIT MUST BE NOTIFIED AS SOON AS POSSIBLE IN ORDER TO COMPLY WITH DEPARTMENTAL HAZARDOUS WASTE POLICY LEN-13.

NOTE:
BOXED ITEMS INDICATE WORK NOT PAID FOR SEPARATELY, BUT INCLUDED AS PART OF ANOTHER PAY ITEM OR COST ASSOCIATED WITH THIS CONTRACT.

COMMITMENTS

- COMPENSATORY STORAGE: THE NORTHERN SEGMENT OF THE PROJECT (WILLOW ROAD TO SANDERS ROAD) WILL NOT BE CONSTRUCTED UNTIL AFTER COORDINATION WITH ILLINOIS DEPARTMENT OF NATURAL RESOURCES IS COMPLETED REGARDING COMPENSATORY STORAGE FOR THE PROJECT.
- EXTENSIVE COORDINATION WITH THE FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC) CONCERNING THE MITIGATION OF IMPACTS TO FPDCC PROPERTY HAS OCCURRED. IDOT'S BUREAU OF DESIGN WILL COORDINATE THE PROPOSED TREE MITIGATION/LANDSCAPING PLAN WITH THE FPDCC DURING THE DESIGN PHASE WITH THE PREPARATION OF CONTRACT PLANS. UPON THE COMPLETION OF THIS EFFORT, IDOT AND THE FPDCC WILL NEGOTIATE COMPENSATION FROM IDOT FOR BOTH THE ACQUISITION OF THE NECESSARY PERMANENT EASEMENTS AND IMPACTS TO NATURAL HABITAT INCLUDING TREES.
- THE IDOT BUREAU OF DESIGN WILL INCLUDE IN THE CONTRACT PLANS A TEMPORARY FENCE, WHICH WILL BE ERECTED DURING THE CONSTRUCTION ALONG THE CONSTRUCTION LIMITS ADJACENT TO THE FPDCC PROPERTY TO PREVENT INTRUSION OF CONSTRUCTION PERSONNEL AND EQUIPMENT.
- NO TREE REMOVAL AS PART OF THIS PROJECT IS ALLOWED BETWEEN APRIL 15 AND SEPTEMBER 15.

**STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR
IL 21 - WILLOW RD TO SANDERS ROAD**

STRUCTURAL TRAFFIC: YEAR 2017
PV= 42,623 SU= 1,418 MU= 1,692

ROAD/STREET CLASSIFICATION: CLASS 1
P= 32% S= 45% M= 45%

TRAFFIC FACTOR: Actual TF= 12.48 AC Type= N/A
Minimum TF= 6.03

AC GRADE: Binder= PG 64-22 Surface= PG 64-22

SUBGRADE SUPPORT RATING:
SSR= 2.00 (Sta. _____ to _____)
SSR= 2.00 (Sta. _____ to _____)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART		
MIXTURE USE	AC Type	VOIDS
IL 21		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX. F, N90, 1.75"	SBS/SBR PG 70-22	4% @ 90 GYR
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2.25"	SBS/SBR PG 70-22	4% @ 90 GYR
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), 14"	PG 64-22 *	4% @ 90 GYR
WINKELMAN RD/FOREST PRESERVE DR		
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9 3/4" CONSISTS OF:		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 7 3/4"	PG 64-22 *	4% @ 70 GYR
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"	PG 64-22	4% @ 70 GYR
TEMPORARY PAVEMENT (HOT-MIX ASPHALT BINDER IL-19.0), 8"	PG 64-22 *	4% @ 50 GYR
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5); 2"	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); PE-6", CE-8"	PG 64-22 *	4% @ 50 GYR
SHOULDER		
HOT-MIX ASPHALT SHOULDER, 6"	PG 64-22 *	2% @ 30 GYR

THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURES IS 112 lbs/sq.yd./in.

* WHEN RAP % EXCEEDS 20%, THE NEW ASPHALT BINDER SHALL BE PG 58-22

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, COMMITMENTS

ILLINOIS ROUTE 21

NO SCALE
DATE 02/05/08

DRAWN BY GRHjr
CHECKED BY GC

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