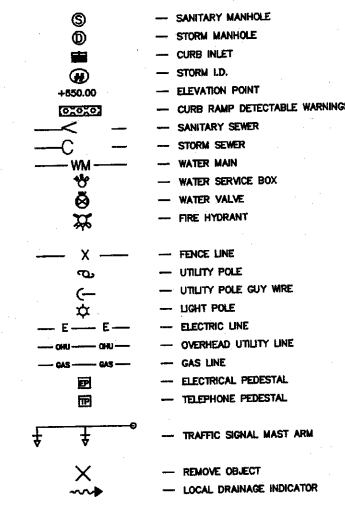


GENERAL NOTES

- ALL APPLICABLE ROAD IMPROVEMENTS, DRAINAGE FEATURES, LANDSCAPING, RESTORATION, WORK ZONE TRAFFIC CONTROL AND OTHER CONSTRUCTION ACTIVITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION", CURRENT EDITION AND APPLICABLE STANDARDS. (IDOT SPECIFICATIONS)
- ALL APPLICABLE SOIL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY "STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", CURRENT EDITION, ALONG WITH APPLICABLE STANDARDS. (EPA SPECIFICATIONS)
- WATER MAIN, SANITARY SEWERS AND STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR WATER AND SEWER", ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, CURRENT EDITION. (ISPE SPECIFICATIONS)
- MG2A HAS NOT BEEN RETAINED OR COMPENSATED TO PROVIDE DESIGN AND CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTORS SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED FOR THE CONTRACTOR TO PERFORM HIS WORK.
- CONTRACTOR(S) SHALL COMPLY WITH ALL LOCAL AND STATE SAFETY LAWS, REGULATIONS AND ORDINANCES; AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS AND WITH ALL PROVISIONS AND REGULATIONS OF THE OSHA STANDARDS. EACH CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE WORKING PLACE FOR HIS EMPLOYEES. CONTRACTOR(S) ARE RESPONSIBLE FOR THE SUPERVISION, DIRECTION AND CONDUCT OF THEIR EMPLOYEES, AGENTS, MATERIAL SUPPLIERS AND VENDORS.
- THE DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS AND ARRANGEMENTS PRESENTED ON THESE DRAWINGS ARE AND SHALL REMAIN THE PROPERTY OF MG2A, AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF MG2A.
- EQUALS SHALL BE DETERMINED BY MG2A AND MAY REQUIRE THE APPROVAL OF VARIOUS AGENCIES PERMITTING THE WORK.
- MG2A, THE OWNER, AND GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK ARE TO BE NOTIFIED PRIOR TO THE CONSTRUCTION OF ANY IMPROVEMENTS NOT DESCRIBED ON THESE DRAWINGS OR CONSTRUCTING IMPROVEMENTS DIFFERENTLY THAN AS DESCRIBED ON THESE DRAWINGS (FIELD CHANGES). GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THIS WORK INCLUDE: THE VILLAGE OF BRADLEY AND THEIR ENGINEER, M. GINGERICH, GEREAX, & ASSOCIATES.
- ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS UNLESS OTHERWISE SPECIFIED.
- MG2A, THE OWNER, AND GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK ARE TO BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 24 HOURS PRIOR TO COVERING ANY EXPOSED SUBGRADE, PLACING ANY FILL, BACKFILLING SANITARY, WATER, OR STORM LINES, PLACING BASE COURSE STONE, PLACING CONCRETE, OR PLACING ASPHALT.
- THE CONTRACTOR SHALL CALL JULIE # 1-800-892-0123 PRIOR TO ANY EXCAVATION TO ASURE ALL UTILITIES ARE LOCATED PROPERLY. DAMAGE TO UTILITIES SHALL BE PROMPLY REPORTED TO THE UTILITY OWNER AND REPAIRED AT THE CONTRACTORS EXPENSE.
- EXISTING STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND OTHER UTILITIES MAY EXIST BUT MAY NOT HAVE BEEN MARKED BY JULIE. THESE UTILITIES MAY NOT APPEAR ON THE FINAL PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL CONTACT MUNICIPAL, COUNTY, AND STATE GOVERNMENTAL AGENCIES THAT MAY REASONABLY BE EXPECTED TO HAVE UTILITIES ON OR NEAR AREAS TO BE EXCAVATED IN ORDER TO HAVE THE UTILITIES LOCATED PROPERLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MG2A AND THE UTILITY OWNER TO RESOLVE ANY UTILITY OR OTHER CONFLICTS NOT INDICATED WITHIN THE PLANS PRIOR TO INSTITUTING ANY CHANGES.

- EXPANSION JOINTS SHALL BE INSTALLED AT A MAXIMUM SPACING OF 200 FT IN STRAIGHT SECTIONS OF THE CURB AND GUTTER, AT ALL P.C. AND P.T. POINTS IN THE CURB; AND FIVE FT ON EACH SIDE OF ALL INLETS. IF AN INLET IS LOCATED ON A CURVE, EXPANSION JOINTS NEED ONLY TO BE PLACED AT THE P.C. AND P.T.
- AGGREGATE BASE COURSE MATERIALS SHALL BE APPLIED AND COMPACTED IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF THE IDOT SPECIFICATIONS.
- BITUMINOUS SURFACE AND BINDER COURSE MATERIALS SHALL BE APPLIED AND COMPACTED IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF THE IDOT SPECIFICATIONS.
- ALL PAVED AREAS SHALL BE SAWCUT PRIOR TO REMOVAL.
- TRENCH BACKFILL SHALL BE USED IN ALL TRENCHES UNDER AND WITHIN 3 FEET OF PAVED AREAS AND IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF THE IDOT SPECIFICATIONS, ISPE SPECIFICATIONS, AND THE SPECIAL PROVISIONS.
- CARE SHALL BE TAKEN AT THE PROPOSED INTERSECTION OF SIDEWALKS AND CURBS TO CONSTRUCT THE SIDEWALK AND CURB IN ORDER TO ASSURE PROPER ACCESSIBILITY TO THE DISABLED.
- ALL STORM STRUCTURES ARE TO BE INSTALLED UTILIZING PROPER FILLETS.
- O-RING GASKETS TO BE USED FOR STORM SEWER WITHIN 10 FEET OF A WATER MAIN CROSSING.
- THE EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS SHALL BE CONSIDERED AGREED TO BY THE CONTRACTOR(S). THE CONTRACTOR(S) MAY, AT THERE OWN COST, COLLECT ADDITIONAL TOPOGRAPHIC INFORMATION PRIOR TO COMMENCING WITH WORK DESCRIBED ON THESE PLANS. ANY DISCREPANCIES BETWEEN TOPOGRAPHIC DATA COLLECTED BY THE CONTRACTOR(S) AND THE EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS SHALL BE REPORTED TO MG2A AND THE OWNER PRIOR TO COMMENCEMENT OF WORK.
- SURPLUS EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE.
- THE CONTRACTOR SHALL PROVIDE ALL EARTH MATERIAL REQUIRED TO ACHIEVE THE WORK DESCRIBED IN THESE FINAL PLANS AND SPECIFICATIONS. THIS INCLUDES PROVIDING AND HAULING SUITABLE FILL TO THE SITE AS MAY BE NECESSARY.
- ALL FILLS SHALL BE COMPACTED LIFTS WITH A MAXIMUM THICKNESS OF 6 INCHES OR AS OTHERWISE SPECIFIED BY THE OWNER OR OWNERS REPRESENTATIVE.
- PRIOR TO COMMENCING ANY FILL OPERATIONS IN STRUCTURAL BUILDING, PAVEMENT OR SIDEWALK AREAS, ALL TOPSOIL IS TO BE REMOVED.
- UPON STRIPPING OF TOPSOIL FROM STRUCTURAL, PAVEMENT AND/OR UTILITY AREAS AND PRIOR TO PLACEMENT OF FILL OF ANY TYPE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR THE OWNER.
- FINAL TOPSOIL THICKNESS IN LANDSCAPE AREAS SHALL BE A MINIMUM OF 4" UNLESS OTHERWISE SPECIFIED BY THE OWNERS REPRESENTATIVE.
- UNLESS OTHER WISE AGREED TO BY THE OWNER AND CONTRACTOR, EARTHWORK INCLUDES ALL CLEARING, GRUBBING, TREE REMOVAL, EXCAVATION, FILL, OVERHAUL, FINISHED GRADING, AND PLACEMENT OF TOPSOIL TO ACHIEVE THE WORK DESCRIBED IN THESE FINAL PLANS AND SPECIFICATIONS.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL REPLACE OR REMOVE THE SIGNS AS DIRECTED BY THE ENGINEER, THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

LEGEND



PAVEMENT DESIGN

CLASS II, 2 LANE PAVEMENT
DESIGN PERIOD - 20 YEARS
DESIGN TRAFFIC
EXISTING ADT - 10100
DESIGN ADT - 10400
PV (95%) - 9880
SU (4%) - 416
MU (1%) - 104
73,280 POUND LOAD LIMIT
TRAFFIC FACTOR (T.F.)
T.F. = $\frac{DP(0.073 PV + 44.530 SU + 156.403 MU)}{1,000,000}$
T.F. = $\frac{20(0.073 \times 9880 + 44.530 \times 416 + 156.403 \times 104)}{1,000,000}$
T.F. = 0.71
SUBGRADE SUPPORT RATING - POOR
MIXTURE TEMPERATURE - 78.5
DESIGN STRAIN - 120
DESIGN Eac - 580

PAVEMENT THICKNESS - 9 INCHES

	HMA BINDER (PATCHES)	HMA LEVEL BINDER	HMA SURFACE
PG GRADE	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N70
MIXTURE COMPISITION	IL 19.0L	IL 9.5	IL 9.5
FRICTION AGGREGATE			MIXTURE D
DENSITY TEST METHOD	NUCLEAR/ CORES	SATISFACTION OF ENGINEER	NUCLEAR/ CORES

UTILITY

ELECTRIC
COM ED
DAVE NELSON
708-235-2350

TELEPHONE
AT&T
TODD ANDREW
708-280-0876

CABLE
COMCAST
JIM BRANDT
815-937-2708

GAS
NICOR
ROBERT GRAHAM
815-221-4311

WATER
AQUA
RODNEY PHILLIPPI
815-935-6535

PUBLIC WORKS
VILLAGE OF BRADLEY
JIM TRAVIS
815-933-5008



REVISIONS		
DATE	BY	DESCRIPTION
07-29-2010	JWG	PER IDOT REVIEW

ILLINOIS DEPARTMENT OF TRANSPORTATION
SAFE ROUTES TO SCHOOLS
BROADWAY & SCHUYLER INTERSECTION SIGNALS

GENERAL NOTES

SCALE: DATE: 12/21/08

DRAWN BY: JWG
CHECKED BY: