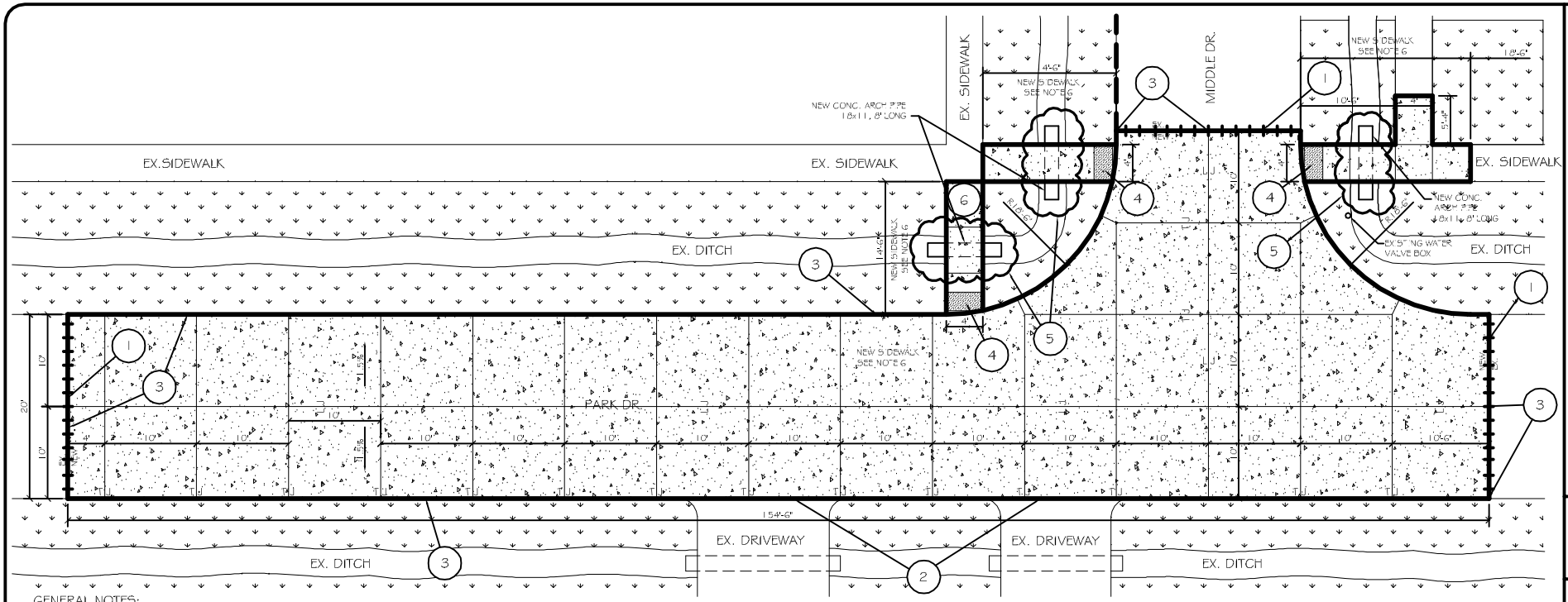


PAVING PLAN

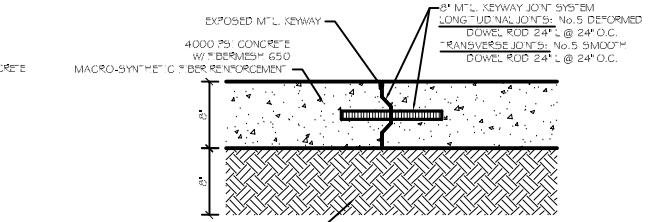
SCALE: 3/16"=1'-0"

GENERAL NOTES:

1) ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 8" (STREETS) AND 4" (SIDEWALKS). CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE I.
2) FIBER REINFORCEMENT FOR ALL CONCRETE ROADWAYS SHALL BE FIBERMESH 650, OR APPROVED EQUAL, APPLIED THROUGHOUT THE CONCRETE MIXTURE. MACRO SYNTHETIC FIBERS SHALL PROVIDE A MINIMUM AVERAGE RESIDUAL STRENGTH PER ASTM C 1399 OF 162 PSI AT THREE POUNDS PER CUBIC YARD, AND 216 PSI AT FOUR POUNDS PER CUBIC YARD OF CONCRETE. ALTERNATE PRODUCTS SHALL BE PREAPPROVED BY THE ENGINEER IN WRITING. FIBRILLATED AND SELF-FIBRILLATING FIBERS ARE SPECIFICALLY PROHIBITED FROM USE. MACRO FIBER DOSAGE RATE SHALL BE THREE POUNDS PER CUBIC YARD OF CONCRETE.
   FIBER REINFORCEMENT FOR ALL CONCRETE ROADWAYS AND SIDEWALKS SHALL BE MICRO POLYPROPYLENE FIBERS, APPLIED TO THE CONCRETE MIXTURE AT THE RATE OF ONE AND ONE-HALF POUNDS PER CUBIC YARD OF CONCRETE. CELLULOSE (TREATED OR UNTREATED), AR GLASS, NYLON, AND POLYESTER FIBERS ARE SPECIFICALLY PROHIBITED FROM USE.
3) ALL REINFORCING STEEL SHALL MEET ASTM A615 (GRADE 60).
4) ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
5) ALL PIPE BEDDING AND BACKFILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 100 % MAX. MODIFIED AASHO DENSITY IN A MAXIMUM OF 6" LIFTS. USE HIGH PLASTICITY INDEX (PI) AT THE END LOCATION OF NEW PIPES TO PREVENT EROSION.
6) CONTRACTOR SHALL CONTACT THE CITY OF SLIDELL CITY ENGINEER PRIOR TO CONDUCTING ANY WORK.
7) ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST INSTALL ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY. THE ROADWAY MAY BE CLOSED TO VEHICULAR TRAFFIC, RESIDENTS ABUTTING THE WORK AREA, AND AN ADDITIONAL 6 HOUSES BEYOND THE WORK AREA, MUST BE NOTIFIED OF ANY ROAD CLOSURES.

SCOPE OF WORK

DEMOLITION, REMOVAL AND REPLACEMENT OF EXISTING CONCRETE STREET, SIDEWALKS AND CULVERTS TO IMPROVE SAFETY AND FUNCTIONALITY OF THE STREETS.

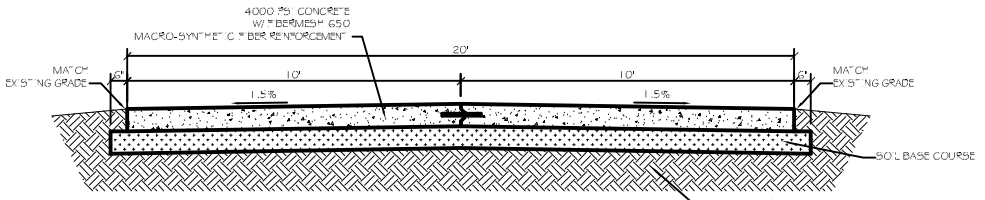


PAVEMENT JOINT DETAIL

N.T.S.

SPECIFIC NOTES: (#)

1) WHERE NEW CONCRETE ABUTS EXISTING ROAD, STRIP ANY EXISTING JOINT MATERIAL AND DOWEL INTO EXISTING PAVEMENT W/ 24"L No.5 SMOOTH ROD @ 24" O.C. DRILL 1" Ø HOLE, FILL WITH GROUT AND INSERT DOWEL IN A MANNER AS TO ENSURE THAT NO VOIDS EXIST.
2) WHERE NEW CONCRETE ABUTS EXISTING DRIVEWAY OR SIDEWALK PROVIDE COLD JOINT.
3) ELEVATION OF NEW CONCRETE AT CROWN AND EDGE OF ROAD SHALL MATCH THE EXISTING CONCRETE ELEVATIONS AND ACCOMODATE EXISTING DRAINAGE PATTERN.
4) TRUNCATED DOME DETECTABLE WARNING SYSTEM MINIMUM 24"x48" SHALL BE PROVIDED EVERYWHERE SIDEWALKS TRANSITION TO STREETS.
5) EXCAVATE AND DISPOSE OF EXISTING CONCRETE 15" Ø PIPE. PROVIDE NEW 18x11 CONCRETE ARCH TYPE DRAIN PIPE WITH INVERTS MATCHING EXISTING ELEVATION. PROVIDE A MINIMUM PIPE BEDDING OF 6" THICK, GRANULAR FILL. BACKFILL NEW CULVERT WITH SIMILAR MATERIAL IN A MANNER TO MINIMIZE EROSION AND PROVIDE COMPACTED BASE COURSE FOR NEW SIDEWALK ABOVE.
6) DEMO AND REMOVE FORTION OF EXISTING SIDEWALK AS SHOWN. INSTALL NEW 4" THICK SIDEWALK AS SHOWN. PROVIDE 3/4" DEEP SCORE JOINT WITH SIDEWALK TOOL @ 5' O.C. ELEVATION ON NEW SIDEWALK SHALL MATCH THE ADJOINING SIDEWALK ELEVATION AND SLOPE UNIFORMLY TO ADJACENT STREET ELEVATION NOT TO EXCEED 12:1 SLOPE.



ROADWAY SECTION

N.T.S.

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EXPERT WITNESS

PARK DRIVE IMPROVEMENTS

INTERSECTION OF PARK DR. AND MIDDLE DRIVE SLIDELL, LA 70458

PAVING PLAN

REV:

SCALE: AS NOTED

JOB#: 2115

DATE: 08-02-11

SHEET

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OF