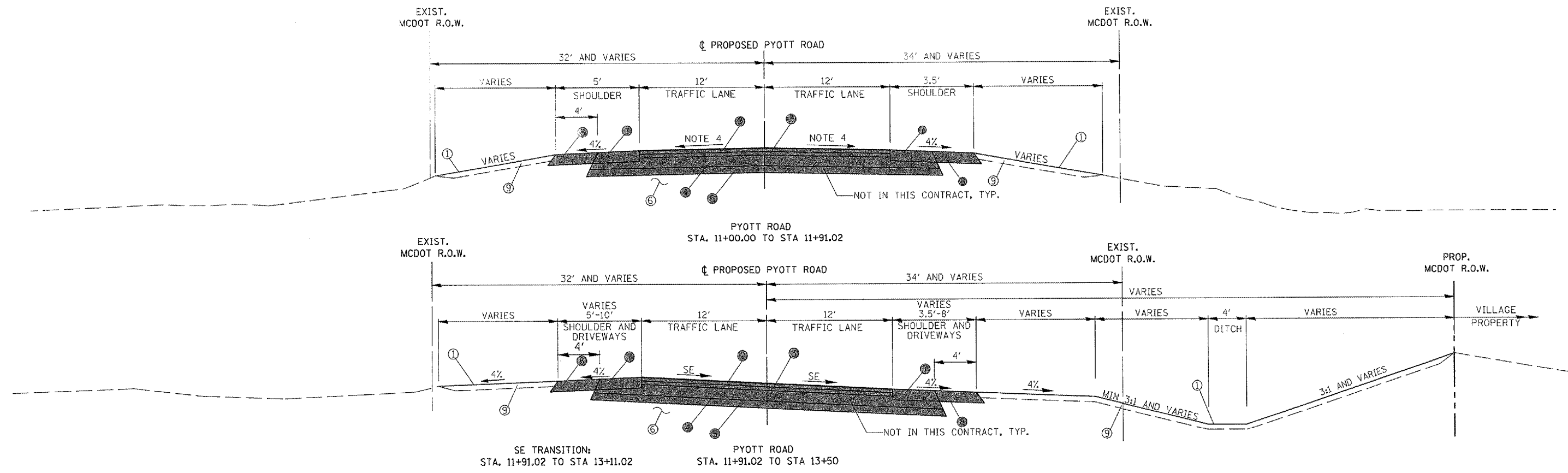


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 Oak Brook, Illinois 60521
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STRUCTURAL DESIGN TRAFFIC: YEAR <u>2028</u>	
PV = <u>12772</u>	SU = <u>144</u> MU = <u>84</u>
ROAD/STREET CLASSIFICATION CLASS = <u>II</u>	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = <u>50</u>	S = <u>50</u> M = <u>50</u>
TRAFFIC FACTOR: ACTUAL TF = <u>0.503</u> AC TYPE = _____	
MINIMUM TF = <u>0.5</u>	
PC GRADE: BINDER = <u>PG 64-22</u> SURFACE = <u>PG 64-22</u>	
SUBGRADE SUPPORT RATING:	
SSR = <u>POOR</u>	

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"	PG 64-22	4% @ 70 GYR.
	HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2.25"	PG 64-22	4% @ 70 GYR.
	HOT-MIX ASPHALT BASE COURSE 8"	PG 58-22	2% @ 50 GYR.
DRIVEWAYS C.E. & P.E.	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"	PG 64-22	4% @ 50 GYR.
	HOT-MIX ASPHALT BASE COURSE, 8"	PG 58-22	2% @ 50 GYR.
SHOULDERS	HOT-MIX ASPHALT SHOULDERS, 8"	PG 58-22	2% @ 30 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

NOTES:

- WHEN SUPERELEVATION DIRECTION IS OPPOSITE TYPICAL, RIGHT AND LEFT SHOULDERS SHALL BE REVERSED ACCORDINGLY.
- CENTER TURN LANE:
TRANSITION FROM 0' TO 12' -
STA. 19+03.76 TO STA. 21+23.76
STA. 34+46.24 TO STA. 36+25.94
STA. 44+24.42 TO STA. 46+04.58
12' -
STA. 21+23.76 TO STA. 22+99.65
STA. 36+25.94 TO STA. 38+76.24
STA. 46+04.58 TO STA. 47+00.00
- CLEARANCE REQUIREMENTS WILL BE ADJUSTED ON THE OUTSIDE CURVE AS REQUIRED.
- PAVEMENT CROSS SLOPE = 2% EXCEPT FOR TRANSITIONS TO EXISTING 1.5%

- RIGHT TURN LANE:
12' -
STA. 24+73.49 TO STA. 27+28.49
STA. 39+80.24 TO STA. 42+30.24
TRANSITION FROM 0' TO 12' -
STA. 27+28.49 TO STA. 29+08.49
STA. 42+30.24 TO STA. 44+10.24
THE RIGHT TURN LANE TRANSITIONS TO AN ADDITIONAL 12' LANE AVAILABLE FOR FUTURE USE BETWEEN STATIONS 42+30.24 AND 45+10.00
- STA. 22+99.65 TO STA. 24+73.49 AND STA. 38+76.24 TO STA. 39+80.24 ARE INTERSECTIONS AND ARE NOT REPRESENTED IN THE TYPICAL SECTIONS. SEE THE CROSS SECTIONS OR GRADING PLANS FOR ADDITIONAL INFORMATION.
- SHOULDER SLOPES SHALL BE 4% EXCEPT AT EXISTING DRIVEWAYS. AT THESE LOCATIONS, THE SLOPE SHALL BE SUCH TO ALLOW THE PROPOSED PAVEMENT TO MEET EXISTING DRIVEWAY PAVEMENTS.
- DITCH DIMENSIONS AND SLOPES VARY. FOR MORE INFORMATION, SEE THE CROSS SECTIONS AND GRADING PLANS.

PROPOSED LEGEND

- PHASE 2 WORK
- PROPOSED GROUND
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"; FOR INFORMATION ONLY
- HOT-MIX ASPHALT BINDER COURSE, 2.25" FOR INFORMATION ONLY
- HOT-MIX ASPHALT BASE COURSE, 8" FOR INFORMATION ONLY
- SUB-BASE GRANULAR MATERIAL, TYPE B, 4" FOR INFORMATION ONLY
- SUBGRADE, COMPACTED & PROOF ROLLED
- HOT-MIX ASPHALT SHOULDERS, 8" FOR INFORMATION ONLY
- AGGREGATE SHOULDER, TYPE B, 8" FOR INFORMATION ONLY
- TOPSOIL 4" AND SEEDING TYPE 2A (WITHIN MCHENRY COUNTY ROW. SEE EROSION CONTROL PLANS FOR MORE INFORMATION)
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- CRUSHED AGGREGATE BASE COURSE, 8"
- 4' TURF SHOULDER

FILE NAME =	USER NAME = B1am01219	DESIGNED - LDH	REVISED -	VILLAGE OF LAKE IN THE HILLS, ILLINOIS	PROPOSED TYPICAL SECTIONS PYOTT ROAD	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\0841\0588021\Civil Part A\Sho\0588021\0588021.dwg	DRAWN - LDH	REVISED -	MCHENRY			120	7	
PLOT SCALE = 2.0000 "/td> <td>CHECKED - BLB</td> <td>REVISED -</td> <td>FEDERAL AIP NO. 3-17-0112-08</td> <td>ILLINOIS</td> <td>IDA NO. 3CK-3671</td>	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 3-17-0112-08			ILLINOIS	IDA NO. 3CK-3671	
PLOT DATE = 02/27/2008, 08:35 AM	DATE - 02/29/08	REVISED -						