

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3-8 SUMMARY OF QUANTITIES
- 9-10 TYPICAL SECTIONS
- 11 ALIGNMENT, TIES, AND BENCHMARKS
- 12-13 REMOVAL PLAN
- 14-16 PLAN AND PROFILE SHEETS
- 17-19 SUGGESTED STAGES CONSTRUCTION AND TRAFFIC CONTROL PLAN
- 20-21 EROSION AND SEDIMENT CONTROL PLAN
- 22-23 DRAINAGE AND UTILITY PLAN
- 24 DRAINAGE DETAILS
- 25-26 PAVEMENT MARKING PLAN AND LANDSCAPING PLAN
- 27-30 PLAT OF HIGHWAY
- 31-36 TRAFFIC SIGNAL DISTRICT DETAILS
- 37-38 TRAFFIC SIGNAL PLANS
- 39 SIGN DETAILS
- 40-41 TRAFFIC SIGNAL INTERCONNECTION PLAN
- 42 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m) (BD01)
- 43 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5m) (BD02)
- 44 OUTLET FOR CONCRETE CURB AND GUTTER (BD03)
- 45 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD22)
- 46 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD24)
- 47 BUTT JOINTS AND HMA TAPER (BD32)
- 47A FIRE HYDRANT TO BE MOVED (BD36)
- 48 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC10)
- 49 RAISED REFLECTIVE PAVEMENT MARKERS, SNOW PLOW RESISTANT (TC11)
- 49A PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC16)
- 50 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC13)
- 51 ARTERIAL ROAD INFORMATION SIGN (TC22)
- 51A DRIVEWAY ENTRANCE SIGNING (TC26)
- 52-54 POST MOUNTED FLASHING BEACON; POST MOUNTED FLASHING BEACON WITH PRECIPITATION DETECTOR (TS04)
- 55-59 CROSS SECTIONS - IL ROUTE 173
- 60-62 CROSS SECTIONS - TIFFANY ROAD

COMMITMENTS

NO COMMITMENTS FOR THIS PROJECT

GENERAL NOTES


1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND VILLAGE OF ANTIOCH.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
5. ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. NO ADDITIONAL COST TO THE DEPARTMENT.
6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCES, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
7. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
8. DRAINAGE ADJUSTMENTS OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
10. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
11. THE RESIDENT ENGINEER SHALL CONTACT DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER AT 847-438-2300 AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
13. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
14. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN ON THE PLANS.
15. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
16. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.
17. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND IT'S REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.
18. THE CONTRACTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT 1 TYPICAL PAVEMENT MARKINGS DETAIL (TC-13).
19. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
20. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
21. THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCIDENTAL TO THE COST OF THE NEW SEWER OR STRUCTURE.
22. ANY ABANDONED UTILITY OR SEWER ENCOUNTERED DURING CONSTRUCTION SHALL BE PLUGGED AS DIRECTED BY THE ENGINEER AND ABANDONED IN PLACE. THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT

23. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE OF DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCIDENTAL IN THE COST OF THE CONTRACT.
24. CONTRACTOR SHALL MAINTAIN THE CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT CONNECTIONS WITH SEWERS OR CULVERTS ARE BUILT AND IN SERVICE. THIS WORK WILL BE INCLUDED IN THE COST OF THE CONTRACT.
25. IF NECESSARY, THE LOCATION AND DEPTH OF THE PROPOSED IMPROVEMENTS SHALL BE ADJUSTED BY THE ENGINEER AFTER THE EXISTING CONDITIONS HAVE BEEN DETERMINED BY FIELD INVESTIGATION.
26. IF CONFLICTS OCCUR AND RELOCATION OF THE NEW FACILITIES IS NOT FEASIBLE, THE CONTRACTOR SHALL WORK WITH THE ENGINEER TO MAKE ARRANGEMENTS WITH THE UTILITY COMPANIES TO HAVE THE AFFECTED UTILITIES PROTECTED OR RELOCATED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED AS A RESULT OF ANY ADDITIONAL COSTS.
27. GUTTER OUTLET REMOVAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CURB AND GUTTER REMOVAL.
28. PRIOR TO WORKING IN AREAS APPROVED FOR OFFSITE BORROW AREAS, BY THE 2289 PROCEDURES AND OFFSITE WASTE AND USE AREAS BY THE BDE 2290 PROCEDURES (BWU AREAS), THE CONTRACTOR WILL NEED TO SUBMIT A BWU SITE WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON BWU WORK TECHNIQUES CAN BE FOUND IN SECTION 11.5.a and b. OF THE SWPPP. THE COST OF ALL MATERIAL AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT A BWU SITE WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHLD, STRIPS/SHLDS, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 602001-02 CATCH BASIN TYPE A
- 602011-02 CATCH BASIN TYPE C
- 602301-03 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-03 MANHOLE TYPE A
- 602406-05 MANHOLE TYPE A 6' DIAMETER
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-03 FRAME AND LIDS TYPE 1
- 604016-02 FRAME AND GRATE TYPE 4
- 604036-02 GRATE TYPE 8
- 604091-02 FRAME AND GRATE TYPE 24
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 701001-02 OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-04 OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" (600MM) FROM PAVEMENT EDGE
- 701011-03 OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701101-03 OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701106-02 OFF ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS FOR SPEEDS > OR = 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
- 701421-05 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > OR = 45 MPH TO 55 MPH
- 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-02 HANDHOLES
- 814006-02 DOUDLE HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SOUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 877001-05 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-04 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

P:\2281\ME11807_Ver-Vor_Plan\CAD\DWG\03_IL173.at_Tiff_Rd\SHS\02-0160L28-shs-gannote.dgn
 2/28/2013 10:58:17 AM
 MILLENNIA PROFESSIONAL SERVICES



280 22ND Street, Suite 216, Lombard, IL 60148
 630.785.8110 voice, 630.839.2566 fax
 www.mps-ll.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED	CJD	REVISED	
DRAWN	CJD	REVISED	
CHECKED	TVN	REVISED	
DATE	2/7/2013	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
AT TIFFANY ROAD

INDEX OF SHEETS, LIST OF IDOT
HIGHWAY STANDARDS,
GENERAL NOTES & COMMITMENTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	134-N-1	LAKE	62	2
CONTRACT NO. 60L28				