**2020 Category A City: MARSHALL**

a **Step Three** GreenStep City as of June 2016

- joined March 2012 -

***Assessor and date****: Philipp Muessig, 3/10/20*

***Total BPs done:***

**17**

|  |  |  |
| --- | --- | --- |
| Best practices (**required**) BP implemented? Action summary by # and star level achieved  Action rules (req. actions in **bold**) | | |
| **YES**  **BUILDINGS: 2 BPs required; are 2 BPs done?** | | |
| **1. Public**  **1 & 2; & one action from 3-7** | **YES** | 1.1 COMPLETE @ 2 STARS  1.2 COMPLETE @ 1 STAR  1.3 COMPLETE @ 2 STARS  1.4 COMPLETE @ 2 STARS  1.7 COMPLETE @ 1 STAR |
| 2. Private  any two actions | **YES** | 2.1 COMPLETE @ 1 STAR  2.2 COMPLETE @ 2 STARS  2.5 COMPLETE @ 2 STARS -- More than 70 WaterSense toilet rebates were given out since 2010 when the program began and over 2,600 low flow shower heads have been provided to date. |
| 3. New  1 or 2; one from 3-5 |  |  |
| 4. Lighting/Signals  2 actions with one from 5-8 | **YES** | 4.2 COMPLETE @ 2 STARS  4.3 COMPLETE @ 2 STARS  4.5 COMPLETE @ 2 STARS |
| 5. Reuse  any one action | **YES** | 5.3 COMPLETE @ 2 STARS – 4-yr. vacant big box into Brau Bros brewery  **YES** |
| **LAND USE: 2 BPs required; are 2 BPs done?** | | |
| **6. Comp Plan**  **Actions 1 & 2** | **YES** | 6.1 COMPLETE @ 1 STAR  6.2 COMPLETE @ 1 STAR  6.3 COMPLETE @ 1 STAR |
| 7. Density  any one action |  |  |
| 8. Mixed Uses  any two actions | **YES** | 8.3 COMPLETE @ 1 STAR  8.5 COMPLETE @ 1 STAR |
| 9. Highway Development  any one action |  |  |
| 10. Conservation Development  any one action |  | **YES** |
| **TRANSPORTATION: 2 BPs required; are 2 BPs done?** | | |
| **11. Complete Green Streets**  **1; & two additional actions** | **YES** | 11.1 COMPLETE @ 1 STAR -- Since 2012 the City has demonstrated a commitment to Complete/Living Streets standards by: conducting a 2015 Health Impact Assessment of street, sidewalk and biking/walking path infrastructure very favorably received by Council; SRTS application submitted; redesign of dangerous intersection for cars/bikes/peds  11.4 COMPLETE @ 3 STARS -- 12 blocks of DT reconstructed sidewalks in 2016; 2.73 miles of painted bike lanes with; 14.34 miles of paved off-street bike trails; 14-mile paved trail to State Park; 2019 - a 3rd MnDOT J-turn (Reduced Conflict Intersection); a 2015 Health Impact Assessment IDed sidewalk, trail gap as well as problem intersections  11.5 COMPLETE @ 3 STARS – 14-mile paved trail connects Marshall, Lynd, Camden State Park in 2015 |
| **12. Mobility Options**  **any two actions** | **YES** | 12.1 COMPLETE @ 3 STARS -- a Bronze Level Bicycle Friendly Community Dec. 2018: bike racks, kiosks, bike events; working with Pioneering a Healthier Marshall  12.2 COMPLETE @ 2 STARS – annual 2019 Bicycle Safety Extravaganza drew 300 participants  12.3 COMPLETE @ 3 STARS -- 2019 Bike Share program, 3 bikes/locations, no cost for use; bike, bus taxi, car rental, aviation options promoted |
| 13. Fleets  any two actions | **NO** | 13.3 COMPLETE @ 1 STAR – no idling policy |
| 14. TOD / TDM  any two actions |  | **YES** |
| **ENVIRON MGT: 4 BPs required; are 4 done?** | | |
| **15. Purchasing**  **1; and one additional action** | **YES** | 15.1 COMPLETE @ 1 STAR -- administrative practice of purchasing Energy Star rated equipment; researching/identifying 30% paper for testing and specifying; tracking paper use with goal of lowering use  15.2 COMPLETE @ 2 STARS -- renewable energy supplies 32% of total purchases by the City of Marshall  15.7 COMPLETE @ 2 STARS |
| **16. Trees**  **any two actions** | **YES** | 16.1 COMPLETE @ 1 STAR – 2014; $7.66/person on trees  16.4 COMPLETE @ 2 STARS -- main street trees av. spacing 30’; Municipal Utilities & city plant ~ 500 trees/yr.; MMU sells 400 trees/yr.; ordinance specifies trees/sq. ft., per foot of lot street frontage, need for multiple species & disease resistance |
| **17. Stormwater**  **any one action** | **YES** | 17.4 COMPLETE @ 3 STARS -- fees are variable & dependent on land use & size; all revenues dedicated to stormwater infrastructure & education. Students measure river WQ as it flows in and out of town |
| 18. Parks & Trails  any three actions | **YES** | 18.1 COMPLETE @ 3 STARS -- pedestrian overpass connecting houses to middle school; ped. underpass connecting University, HS, Sports Ctr.; Windstar St. ped. access from housing to commercial; DT bike/ped connection to YMCA, dog park, library, middle School. HIA conducted on benefits of selected GreenStep actions.  18.5 COMPLETE @ 3 STARS -- $10,000/mo. & 1.7M gal./mo. saved by reusing water in stormwater ponds for athletic fields  18.8 COMPLETE @ 3 STARS -- Marshall GreenStep City Clean-up Day est. 2013; involves clean-up of parks, waterways, empty lots. 2016 helped people recycle/dispose of common home items. 2015: 868 lbs. trash in 15 problem areas by 327 volunteers, 8,127 hrs. |
| 19. Surface Water  if state public water: 4; and one additional action  if no state water: any one action |  |  |
| 20. Water / Wastewater  1 & 2; and one additional | **NO** | 20.4 COMPLETE @ 3 STARS -- $7M (state/local $) in improvements to the drinking water treatment plant will reduce discharge of chlorides |
| 21. Septics  any one action |  |  |
| 22. Solid Waste  1 or 2; & one from 4-8 | **NO** | 22.2 COMPLETE @ 2 STARS -- Walmart and Hy-Vee provide in-store plastic bag, film/wrap recycling. Goodwill provides ink cartridge and electronic recycling. Lyon County Environmental provides electronic, hazardous waste, appliance, car-seat and mattress recycling. |
| 23. Local Air Quality  any two actions |  | **YES** |
| **ECON & COMM DVLP: 3 BPs required; are 3 done?** | | |
| **24. Benchmarks & Involvement**  **Actions 1 & 2** | **YES** | 24.1 COMPLETE @ 3 STARS --committee of city staff, business, agencies, citizens: frequent public communications – you guys rock!  24.2 COMPLETE @ 1 STAR -- Annual Finance Report & ED Report on web; annual Lyon County Summit reports on city goals/accomplishments and to discuss upcoming projects, MC'd by the Mayor and other City leaders.  24.4 COMPLETE @ 3 STARS – in 2019 the Healthy56258 and the GreenStep Cities groups partnered to produce the first annual Healthy and Green Living Expo event: 40 exhibitors, 300 attendees -- a bee club was established, meets monthly to discuss beekeeping and encouraging more people to provide habit for pollinators. SW MN State University also established an Environmental Sustainability Workgroup in 2019 (students, faculty, administration, staff) to investigate current campus sustainability practices on campus and increase them |
| **25. Green Businesses**  **any two actions** | **YES** | 25.6 COMPLETE @ 2 STARS -- Marshall GS Business recognition program  25.7 COMPLETE @ 3 STARS -- $100,000 in local dollars sold annually, redeemable at over 380 local businesses |
| 26. Renewable Energy  any two actions | **YES** | 26.2 COMPLETE @ 2 STARS  26.5 COMPLETE @ 3 STARS |
| 27. Local Food  any one action | **YES** | 27.2 COMPLETE @ 2 STARS  27.3 COMPLETE @ 1 STARS |
| 28. Business Synergies  action 2, 3 or 4 |  |  |
| **29. Climate Adaptation**  **action 1** | **YES** | 29.1 COMPLETE @ 1 STAR -- Marshall Emergency Operations Plan was updated in 2015 |

**MARSHALL**

* **Bicycle Friendly Community** (2018; Bronze level) and **2019 Bike Share** program providing 3 free bikes in 3 locations
* **The Healthy56258 and the GreenStep Cities groups partnered** in 2019 to produce the first annual Healthy and Green Living Expo event with 40 exhibitors; a beekeeping group formed to promote pollinator habitat
* **A 3rd J-turn (Reduced Conflict Intersection) installed** in 2019 decrease fatalities and injuries caused by broadside crashes on four-lane divided highways
* **Environmental Sustainability Workgroup** established in 2019 at Southwest Minnesota State University, with students, faculty, administration, staff, to investigate current sustainability practices on campus and increase them
* **$10,000 and 1.7M gallons per month saved by reusing water** in stormwater ponds for athletic fields; over 70 WaterSense toilet rebates given out since 2010; over 2,600 low flow shower heads distributed
* **14-mile paved trail connects** Marshall, Lynd, Camden State Park in 2015
* **City incentives to repurpose a big box store** empty for 4 years results in home of Brau Brothers, a regional brewery
* **Health Impact Analysis** conducted on benefits of selected GreenStep actions, garnering the Southwest Regional Development Commission’s award of 2016 Regional Project of the Year
* **Renewable energy supplies 32%** of total purchases by the City of Marshall
* **$100,000 in local dollars sold annually**, redeemable at over 380 local businesses
* **Launched Marshall GreenStep Business** program to recognize local businesses implementing sustainability best practices
* **Mattress & car seat deconstruction/recycling** service provided in town by the County and a sheltered workshop